1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
n41	30	10	500202	12@6	DFT_BPSK	26.29	-0.38	25.91	33	PASS
n41	30	10	500202	1@1	DFT_BPSK	26.17	-0.38	25.79	33	PASS
n41	30	10	500202	1@22	DFT_BPSK	26.14	-0.38	25.76	33	PASS
n41	30	10	500202	12@6	DFT_QPSK	26.27	-0.38	25.89	33	PASS
n41	30	10	500202	1@1	DFT_QPSK	26.05	-0.38	25.67	33	PASS
n41	30	10	500202	1@22	DFT_QPSK	26.09	-0.38	25.71	33	PASS
n41	30	10	500202	12@6	DFT_QAM16	25.57	-0.38	25.19	33	PASS
n41	30	10	500202	1@1	DFT_QAM16	25.61	-0.38	25.23	33	PASS
n41	30	10	500202	1@22	DFT_QAM16	25.30	-0.38	24.92	33	PASS
n41	30	10	500202	12@6	DFT_QAM64	23.92	-0.38	23.54	33	PASS
n41	30	10	500202	1@1	DFT_QAM64	23.93	-0.38	23.55	33	PASS
n41	30	10	500202	1@22	DFT_QAM64	24.00	-0.38	23.62	33	PASS
n41	30	10	500202	12@6	DFT_QAM256	21.96	-0.38	21.58	33	PASS
n41	30	10	500202	1@1	DFT_QAM256	21.76	-0.38	21.38	33	PASS
n41	30	10	500202	1@22	DFT_QAM256	22.28	-0.38	21.9	33	PASS
n41	30	10	500202	12@6	CP_QPSK	24.75	-0.38	24.37	33	PASS
n41	30	10	500202	1@1	CP_QPSK	24.62	-0.38	24.24	33	PASS
n41	30	10	500202	1@22	CP_QPSK	24.49	-0.38	24.11	33	PASS
n41	30	10	500202	12@6	CP_QAM16	24.34	-0.38	23.96	33	PASS
n41	30	10	500202	1@1	CP_QAM16	24.78	-0.38	24.4	33	PASS
n41	30	10	500202	1@22	CP_QAM16	24.86	-0.38	24.48	33	PASS
n41	30	10	500202	12@6	CP_QAM64	22.89	-0.38	22.51	33	PASS
n41	30	10	500202	1@1	CP_QAM64	22.74	-0.38	22.36	33	PASS
n41	30	10	500202	1@22	CP_QAM64	23.28	-0.38	22.9	33	PASS
n41	30	10	500202	12@6	CP_QAM256	19.88	-0.38	19.5	33	PASS
n41	30	10	500202	1@1	CP_QAM256	20.00	-0.38	19.62	33	PASS
n41	30	10	500202	1@22	CP_QAM256	20.04	-0.38	19.66	33	PASS
n41	30	10	518598	12@6	DFT_BPSK	26.20	-0.38	25.82	33	PASS
n41	30	10	518598	1@1	DFT_BPSK	26.22	-0.38	25.84	33	PASS
n41	30	10	518598	1@22	DFT_BPSK	26.15	-0.38	25.77	33	PASS
n41	30	10	518598	12@6	DFT_QPSK	26.20	-0.38	25.82	33	PASS
n41	30	10	518598	1@1	DFT_QPSK	25.97	-0.38	25.59	33	PASS
n41	30	10	518598	1@22	DFT_QPSK	26.02	-0.38	25.64	33	PASS
n41	30	10	518598	12@6	DFT_QAM16	25.44	-0.38	25.06	33	PASS
n41	30	10	518598	1@1	DFT_QAM16	25.42	-0.38	25.04	33	PASS
n41	30	10	518598	1@22	DFT_QAM16	25.39	-0.38	25.01	33	PASS
n41	30	10	518598	12@6	DFT_QAM64	23.85	-0.38	23.47	33	PASS
n41	30	10	518598	1@1	DFT_QAM64	23.65	-0.38	23.27	33	PASS

n41	30	10	518598	1@22	DFT_QAM64	23.99	-0.38	23.61	33	PASS
n41	30	10	518598	12@6	DFT_QAM256	21.89	-0.38	21.51	33	PASS
n41	30	10	518598	1@1	DFT_QAM256	21.79	-0.38	21.41	33	PASS
n41	30	10	518598	1@22	DFT_QAM256	21.79	-0.38	21.41	33	PASS
n41	30	10	518598	12@6	CP_QPSK	24.75	-0.38	24.37	33	PASS
n41	30	10	518598	1@1	CP_QPSK	24.57	-0.38	24.19	33	PASS
n41	30	10	518598	1@22	CP_QPSK	24.59	-0.38	24.21	33	PASS
n41	30	10	518598	12@6	CP_QAM16	24.27	-0.38	23.89	33	PASS
n41	30	10	518598	1@1	CP_QAM16	24.51	-0.38	24.13	33	PASS
n41	30	10	518598	1@22	CP_QAM16	24.60	-0.38	24.22	33	PASS
n41	30	10	518598	12@6	CP_QAM64	22.82	-0.38	22.44	33	PASS
n41	30	10	518598	1@1	CP_QAM64	22.83	-0.38	22.45	33	PASS
n41	30	10	518598	1@22	CP_QAM64	23.08	-0.38	22.7	33	PASS
n41	30	10	518598	12@6	CP_QAM256	19.92	-0.38	19.54	33	PASS
n41	30	10	518598	1@1	CP_QAM256	19.96	-0.38	19.58	33	PASS
n41	30	10	518598	1@22	CP_QAM256	20.02	-0.38	19.64	33	PASS
n41	30	10	537000	12@6	DFT_BPSK	26.11	-0.38	25.73	33	PASS
n41	30	10	537000	1@1	DFT_BPSK	25.85	-0.38	25.47	33	PASS
n41	30	10	537000	1@22	DFT_BPSK	26.17	-0.38	25.79	33	PASS
n41	30	10	537000	12@6	DFT_QPSK	26.11	-0.38	25.73	33	PASS
n41	30	10	537000	1@1	DFT_QPSK	25.83	-0.38	25.45	33	PASS
n41	30	10	537000	1@22	DFT_QPSK	25.98	-0.38	25.6	33	PASS
n41	30	10	537000	12@6	DFT_QAM16	25.31	-0.38	24.93	33	PASS
n41	30	10	537000	1@1	DFT_QAM16	25.20	-0.38	24.82	33	PASS
n41	30	10	537000	1@22	DFT_QAM16	25.55	-0.38	25.17	33	PASS
n41	30	10	537000	12@6	DFT_QAM64	23.78	-0.38	23.4	33	PASS
n41	30	10	537000	1@1	DFT_QAM64	23.72	-0.38	23.34	33	PASS
n41	30	10	537000	1@22	DFT_QAM64	23.92	-0.38	23.54	33	PASS
n41	30	10	537000	12@6	DFT_QAM256	21.94	-0.38	21.56	33	PASS
n41	30	10	537000	1@1	DFT_QAM256	22.15	-0.38	21.77	33	PASS
n41	30	10	537000	1@22	DFT_QAM256	21.82	-0.38	21.44	33	PASS
n41	30	10	537000	12@6	CP_QPSK	24.63	-0.38	24.25	33	PASS
n41	30	10	537000	1@1	CP_QPSK	24.42	-0.38	24.04	33	PASS
n41	30	10	537000	1@22	CP_QPSK	24.41	-0.38	24.03	33	PASS
n41	30	10	537000	12@6	CP_QAM16	24.10	-0.38	23.72	33	PASS
n41	30	10	537000	1@1	CP_QAM16	24.31	-0.38	23.93	33	PASS
n41	30	10	537000	1@22	CP_QAM16	24.33	-0.38	23.95	33	PASS
n41	30	10	537000	12@6	CP_QAM64	22.86	-0.38	22.48	33	PASS
n41	30	10	537000	1@1	CP_QAM64	22.84	-0.38	22.46	33	PASS
n41	30	10	537000	1@22	CP_QAM64	22.96	-0.38	22.58	33	PASS
n41	30	10	537000	12@6	CP_QAM256	19.91	-0.38	19.53	33	PASS
n41	30	10	537000	1@1	CP_QAM256	20.34	-0.38	19.96	33	PASS
n41	30	10	537000	1@22	CP_QAM256	20.11	-0.38	19.73	33	PASS
n41	30	15	500700	18@9	DFT_BPSK	26.27	-0.38	25.89	33	PASS

n41	30	15	500700	1@1	DFT_BPSK	26.16	-0.38	25.78	33	PASS
n41	30	15	500700	1@36	DFT_BPSK	26.26	-0.38	25.88	33	PASS
n41	30	15	500700	18@9	DFT_QPSK	26.28	-0.38	25.9	33	PASS
n41	30	15	500700	1@1	DFT_QPSK	25.97	-0.38	25.59	33	PASS
n41	30	15	500700	1@36	DFT_QPSK	25.98	-0.38	25.6	33	PASS
n41	30	15	500700	18@9	DFT_QAM16	25.38	-0.38	25	33	PASS
n41	30	15	500700	1@1	DFT_QAM16	25.39	-0.38	25.01	33	PASS
n41	30	15	500700	1@36	DFT_QAM16	25.61	-0.38	25.23	33	PASS
n41	30	15	500700	18@9	DFT_QAM64	23.87	-0.38	23.49	33	PASS
n41	30	15	500700	1@1	DFT_QAM64	23.94	-0.38	23.56	33	PASS
n41	30	15	500700	1@36	DFT_QAM64	23.89	-0.38	23.51	33	PASS
n41	30	15	500700	18@9	DFT_QAM256	21.76	-0.38	21.38	33	PASS
n41	30	15	500700	1@1	DFT_QAM256	22.23	-0.38	21.85	33	PASS
n41	30	15	500700	1@36	DFT_QAM256	22.31	-0.38	21.93	33	PASS
n41	30	15	500700	19@9	CP_QPSK	24.81	-0.38	24.43	33	PASS
n41	30	15	500700	1@1	CP_QPSK	24.44	-0.38	24.06	33	PASS
n41	30	15	500700	1@36	CP_QPSK	24.42	-0.38	24.04	33	PASS
n41	30	15	500700	19@9	CP_QAM16	24.24	-0.38	23.86	33	PASS
n41	30	15	500700	1@1	CP_QAM16	24.48	-0.38	24.1	33	PASS
n41	30	15	500700	1@36	CP_QAM16	24.39	-0.38	24.01	33	PASS
n41	30	15	500700	19@9	CP_QAM64	22.82	-0.38	22.44	33	PASS
n41	30	15	500700	1@1	CP_QAM64	23.16	-0.38	22.78	33	PASS
n41	30	15	500700	1@36	CP_QAM64	23.12	-0.38	22.74	33	PASS
n41	30	15	500700	19@9	CP_QAM256	19.88	-0.38	19.5	33	PASS
n41	30	15	500700	1@1	CP_QAM256	20.27	-0.38	19.89	33	PASS
n41	30	15	500700	1@36	CP_QAM256	20.34	-0.38	19.96	33	PASS
n41	30	15	518598	18@9	DFT_BPSK	26.14	-0.38	25.76	33	PASS
n41	30	15	518598	1@1	DFT_BPSK	26.15	-0.38	25.77	33	PASS
n41	30	15	518598	1@36	DFT_BPSK	26.17	-0.38	25.79	33	PASS
n41	30	15	518598	18@9	DFT_QPSK	26.19	-0.38	25.81	33	PASS
n41	30	15	518598	1@1	DFT_QPSK	25.97	-0.38	25.59	33	PASS
n41	30	15	518598	1@36	DFT_QPSK	26.02	-0.38	25.64	33	PASS
n41	30	15	518598	18@9	DFT_QAM16	25.23	-0.38	24.85	33	PASS
n41	30	15	518598	1@1	DFT_QAM16	25.22	-0.38	24.84	33	PASS
n41	30	15	518598	1@36	DFT_QAM16	25.64	-0.38	25.26	33	PASS
n41	30	15	518598	18@9	DFT_QAM64	23.78	-0.38	23.4	33	PASS
n41	30	15	518598	1@1	DFT_QAM64	23.85	-0.38	23.47	33	PASS
n41	30	15	518598	1@36	DFT_QAM64	23.97	-0.38	23.59	33	PASS
n41	30	15	518598	18@9	DFT_QAM256	21.78	-0.38	21.4	33	PASS
n41	30	15	518598	1@1	DFT_QAM256	21.66	-0.38	21.28	33	PASS
n41	30	15	518598	1@36	DFT_QAM256	21.67	-0.38	21.29	33	PASS
n41	30	15	518598	19@9	CP_QPSK	24.73	-0.38	24.35	33	PASS
n41	30	15	518598	1@1	CP_QPSK	24.53	-0.38	24.15	33	PASS
n41	30	15	518598	1@36	CP_QPSK	24.41	-0.38	24.03	33	PASS

n41	30	15	518598	19@9	CP_QAM16	24.19	-0.38	23.81	33	PASS
n41	30	15	518598	1@1	CP_QAM16	24.84	-0.38	24.46	33	PASS
n41	30	15	518598	1@36	CP_QAM16	24.86	-0.38	24.48	33	PASS
n41	30	15	518598	19@9	CP_QAM64	22.73	-0.38	22.35	33	PASS
n41	30	15	518598	1@1	CP_QAM64	23.03	-0.38	22.65	33	PASS
n41	30	15	518598	1@36	CP_QAM64	23.03	-0.38	22.65	33	PASS
n41	30	15	518598	19@9	CP_QAM256	19.81	-0.38	19.43	33	PASS
n41	30	15	518598	1@1	CP_QAM256	20.00	-0.38	19.62	33	PASS
n41	30	15	518598	1@36	CP_QAM256	20.41	-0.38	20.03	33	PASS
n41	30	15	536496	18@9	DFT_BPSK	26.02	-0.38	25.64	33	PASS
n41	30	15	536496	1@1	DFT_BPSK	25.81	-0.38	25.43	33	PASS
n41	30	15	536496	1@36	DFT_BPSK	26.05	-0.38	25.67	33	PASS
n41	30	15	536496	18@9	DFT_QPSK	26.03	-0.38	25.65	33	PASS
n41	30	15	536496	1@1	DFT_QPSK	25.85	-0.38	25.47	33	PASS
n41	30	15	536496	1@36	DFT_QPSK	26.12	-0.38	25.74	33	PASS
n41	30	15	536496	18@9	DFT_QAM16	25.19	-0.38	24.81	33	PASS
n41	30	15	536496	1@1	DFT_QAM16	25.23	-0.38	24.85	33	PASS
n41	30	15	536496	1@36	DFT_QAM16	25.36	-0.38	24.98	33	PASS
n41	30	15	536496	18@9	DFT_QAM64	23.69	-0.38	23.31	33	PASS
n41	30	15	536496	1@1	DFT_QAM64	23.69	-0.38	23.31	33	PASS
n41	30	15	536496	1@36	DFT_QAM64	23.96	-0.38	23.58	33	PASS
n41	30	15	536496	18@9	DFT_QAM256	21.73	-0.38	21.35	33	PASS
n41	30	15	536496	1@1	DFT_QAM256	21.81	-0.38	21.43	33	PASS
n41	30	15	536496	1@36	DFT_QAM256	22.11	-0.38	21.73	33	PASS
n41	30	15	536496	19@9	CP_QPSK	24.64	-0.38	24.26	33	PASS
n41	30	15	536496	1@1	CP_QPSK	24.18	-0.38	23.8	33	PASS
n41	30	15	536496	1@36	CP_QPSK	24.32	-0.38	23.94	33	PASS
n41	30	15	536496	19@9	CP_QAM16	24.03	-0.38	23.65	33	PASS
n41	30	15	536496	1@1	CP_QAM16	24.23	-0.38	23.85	33	PASS
n41	30	15	536496	1@36	CP_QAM16	24.54	-0.38	24.16	33	PASS
n41	30	15	536496	19@9	CP_QAM64	22.66	-0.38	22.28	33	PASS
n41	30	15	536496	1@1	CP_QAM64	22.76	-0.38	22.38	33	PASS
n41	30	15	536496	1@36	CP_QAM64	22.99	-0.38	22.61	33	PASS
n41	30	15	536496	19@9	CP_QAM256	19.84	-0.38	19.46	33	PASS
n41	30	15	536496	1@1	CP_QAM256	19.90	-0.38	19.52	33	PASS
n41	30	15	536496	1@36	CP_QAM256	19.97	-0.38	19.59	33	PASS
n41	30	20	501204	25@12	DFT_BPSK	26.26	-0.38	25.88	33	PASS
n41	30	20	501204	1@1	DFT_BPSK	26.04	-0.38	25.66	33	PASS
n41	30	20	501204	1@49	DFT_BPSK	26.16	-0.38	25.78	33	PASS
n41	30	20	501204	25@12	DFT_QPSK	26.29	-0.38	25.91	33	PASS
n41	30	20	501204	1@1	DFT_QPSK	26.05	-0.38	25.67	33	PASS
n41	30	20	501204	1@49	DFT_QPSK	26.13	-0.38	25.75	33	PASS
n41	30	20	501204	25@12	DFT_QAM16	25.35	-0.38	24.97	33	PASS
n41	30	20	501204	1@1	DFT_QAM16	25.35	-0.38	24.97	33	PASS

n41	30	20	501204	1@49	DFT_QAM16	25.38	-0.38	25	33	PASS
n41	30	20	501204	25@12	DFT_QAM64	23.81	-0.38	23.43	33	PASS
n41	30	20	501204	1@1	DFT_QAM64	24.00	-0.38	23.62	33	PASS
n41	30	20	501204	1@49	DFT_QAM64	23.97	-0.38	23.59	33	PASS
n41	30	20	501204	25@12	DFT_QAM256	21.83	-0.38	21.45	33	PASS
n41	30	20	501204	1@1	DFT_QAM256	21.67	-0.38	21.29	33	PASS
n41	30	20	501204	1@49	DFT_QAM256	21.71	-0.38	21.33	33	PASS
n41	30	20	501204	25@12	CP_QPSK	24.95	-0.38	24.57	33	PASS
n41	30	20	501204	1@1	CP_QPSK	24.28	-0.38	23.9	33	PASS
n41	30	20	501204	1@49	CP_QPSK	24.30	-0.38	23.92	33	PASS
n41	30	20	501204	25@12	CP_QAM16	24.32	-0.38	23.94	33	PASS
n41	30	20	501204	1@1	CP_QAM16	24.55	-0.38	24.17	33	PASS
n41	30	20	501204	1@49	CP_QAM16	24.45	-0.38	24.07	33	PASS
n41	30	20	501204	25@12	CP_QAM64	22.80	-0.38	22.42	33	PASS
n41	30	20	501204	1@1	CP_QAM64	23.04	-0.38	22.66	33	PASS
n41	30	20	501204	1@49	CP_QAM64	23.12	-0.38	22.74	33	PASS
n41	30	20	501204	25@12	CP_QAM256	19.80	-0.38	19.42	33	PASS
n41	30	20	501204	1@1	CP_QAM256	20.28	-0.38	19.9	33	PASS
n41	30	20	501204	1@49	CP_QAM256	20.25	-0.38	19.87	33	PASS
n41	30	20	518598	25@12	DFT_BPSK	26.26	-0.38	25.88	33	PASS
n41	30	20	518598	1@1	DFT_BPSK	26.18	-0.38	25.8	33	PASS
n41	30	20	518598	1@49	DFT_BPSK	26.18	-0.38	25.8	33	PASS
n41	30	20	518598	25@12	DFT_QPSK	26.22	-0.38	25.84	33	PASS
n41	30	20	518598	1@1	DFT_QPSK	26.00	-0.38	25.62	33	PASS
n41	30	20	518598	1@49	DFT_QPSK	26.02	-0.38	25.64	33	PASS
n41	30	20	518598	25@12	DFT_QAM16	25.27	-0.38	24.89	33	PASS
n41	30	20	518598	1@1	DFT_QAM16	25.53	-0.38	25.15	33	PASS
n41	30	20	518598	1@49	DFT_QAM16	25.44	-0.38	25.06	33	PASS
n41	30	20	518598	25@12	DFT_QAM64	23.75	-0.38	23.37	33	PASS
n41	30	20	518598	1@1	DFT_QAM64	23.78	-0.38	23.4	33	PASS
n41	30	20	518598	1@49	DFT_QAM64	23.87	-0.38	23.49	33	PASS
n41	30	20	518598	25@12	DFT_QAM256	21.84	-0.38	21.46	33	PASS
n41	30	20	518598	1@1	DFT_QAM256	21.76	-0.38	21.38	33	PASS
n41	30	20	518598	1@49	DFT_QAM256	21.77	-0.38	21.39	33	PASS
n41	30	20	518598	25@12	CP_QPSK	24.87	-0.38	24.49	33	PASS
n41	30	20	518598	1@1	CP_QPSK	24.28	-0.38	23.9	33	PASS
n41	30	20	518598	1@49	CP_QPSK	24.54	-0.38	24.16	33	PASS
n41	30	20	518598	25@12	CP_QAM16	24.23	-0.38	23.85	33	PASS
n41	30	20	518598	1@1	CP_QAM16	24.38	-0.38	24	33	PASS
n41	30	20	518598	1@49	CP_QAM16	24.31	-0.38	23.93	33	PASS
n41	30	20	518598	25@12	CP_QAM64	22.94	-0.38	22.56	33	PASS
n41	30	20	518598	1@1	CP_QAM64	23.21	-0.38	22.83	33	PASS
n41	30	20	518598	1@49	CP_QAM64	23.00	-0.38	22.62	33	PASS
n41	30	20	518598	25@12	CP_QAM256	19.77	-0.38	19.39	33	PASS

n41	30	20	518598	1@1	CP_QAM256	20.26	-0.38	19.88	33	PASS
n41	30	20	518598	1@49	CP_QAM256	20.00	-0.38	19.62	33	PASS
n41	30	20	535998	25@12	DFT_BPSK	25.99	-0.38	25.61	33	PASS
n41	30	20	535998	1@1	DFT_BPSK	25.80	-0.38	25.42	33	PASS
n41	30	20	535998	1@49	DFT_BPSK	25.98	-0.38	25.6	33	PASS
n41	30	20	535998	25@12	DFT_QPSK	26.00	-0.38	25.62	33	PASS
n41	30	20	535998	1@1	DFT_QPSK	25.65	-0.38	25.27	33	PASS
n41	30	20	535998	1@49	DFT_QPSK	25.87	-0.38	25.49	33	PASS
n41	30	20	535998	25@12	DFT_QAM16	25.07	-0.38	24.69	33	PASS
n41	30	20	535998	1@1	DFT_QAM16	24.81	-0.38	24.43	33	PASS
n41	30	20	535998	1@49	DFT_QAM16	25.50	-0.38	25.12	33	PASS
n41	30	20	535998	25@12	DFT_QAM64	23.63	-0.38	23.25	33	PASS
n41	30	20	535998	1@1	DFT_QAM64	23.62	-0.38	23.24	33	PASS
n41	30	20	535998	1@49	DFT_QAM64	23.90	-0.38	23.52	33	PASS
n41	30	20	535998	25@12	DFT_QAM256	21.71	-0.38	21.33	33	PASS
n41	30	20	535998	1@1	DFT_QAM256	21.41	-0.38	21.03	33	PASS
n41	30	20	535998	1@49	DFT_QAM256	21.58	-0.38	21.2	33	PASS
n41	30	20	535998	25@12	CP_QPSK	24.57	-0.38	24.19	33	PASS
n41	30	20	535998	1@1	CP_QPSK	24.05	-0.38	23.67	33	PASS
n41	30	20	535998	1@49	CP_QPSK	24.23	-0.38	23.85	33	PASS
n41	30	20	535998	25@12	CP_QAM16	24.07	-0.38	23.69	33	PASS
n41	30	20	535998	1@1	CP_QAM16	24.40	-0.38	24.02	33	PASS
n41	30	20	535998	1@49	CP_QAM16	24.59	-0.38	24.21	33	PASS
n41	30	20	535998	25@12	CP_QAM64	22.74	-0.38	22.36	33	PASS
n41	30	20	535998	1@1	CP_QAM64	22.87	-0.38	22.49	33	PASS
n41	30	20	535998	1@49	CP_QAM64	23.03	-0.38	22.65	33	PASS
n41	30	20	535998	25@12	CP_QAM256	19.84	-0.38	19.46	33	PASS
n41	30	20	535998	1@1	CP_QAM256	20.13	-0.38	19.75	33	PASS
n41	30	20	535998	1@49	CP_QAM256	20.30	-0.38	19.92	33	PASS
n41	30	30	502200	36@18	DFT_BPSK	26.27	-0.38	25.89	33	PASS
n41	30	30	502200	1@1	DFT_BPSK	25.92	-0.38	25.54	33	PASS
n41	30	30	502200	1@76	DFT_BPSK	26.07	-0.38	25.69	33	PASS
n41	30	30	502200	36@18	DFT_QPSK	26.28	-0.38	25.9	33	PASS
n41	30	30	502200	1@1	DFT_QPSK	25.80	-0.38	25.42	33	PASS
n41	30	30	502200	1@76	DFT_QPSK	25.86	-0.38	25.48	33	PASS
n41	30	30	502200	36@18	DFT_QAM16	25.39	-0.38	25.01	33	PASS
n41	30	30	502200	1@1	DFT_QAM16	25.41	-0.38	25.03	33	PASS
n41	30	30	502200	1@76	DFT_QAM16	25.08	-0.38	24.7	33	PASS
n41	30	30	502200	36@18	DFT_QAM64	23.86	-0.38	23.48	33	PASS
n41	30	30	502200	1@1	DFT_QAM64	23.87	-0.38	23.49	33	PASS
n41	30	30	502200	1@76	DFT_QAM64	23.86	-0.38	23.48	33	PASS
n41	30	30	502200	36@18	DFT_QAM256	21.89	-0.38	21.51	33	PASS
n41	30	30	502200	1@1	DFT_QAM256	21.84	-0.38	21.46	33	PASS
n41	30	30	502200	1@76	DFT_QAM256	21.81	-0.38	21.43	33	PASS

n41	30	30	502200	39@19	CP_QPSK	24.72	-0.38	24.34	33	PASS
n41	30	30	502200	1@1	CP_QPSK	24.26	-0.38	23.88	33	PASS
n41	30	30	502200	1@76	CP_QPSK	24.41	-0.38	24.03	33	PASS
n41	30	30	502200	39@19	CP_QAM16	24.31	-0.38	23.93	33	PASS
n41	30	30	502200	1@1	CP_QAM16	24.31	-0.38	23.93	33	PASS
n41	30	30	502200	1@76	CP_QAM16	24.32	-0.38	23.94	33	PASS
n41	30	30	502200	39@19	CP_QAM64	22.84	-0.38	22.46	33	PASS
n41	30	30	502200	1@1	CP_QAM64	22.59	-0.38	22.21	33	PASS
n41	30	30	502200	1@76	CP_QAM64	23.12	-0.38	22.74	33	PASS
n41	30	30	502200	39@19	CP_QAM256	19.91	-0.38	19.53	33	PASS
n41	30	30	502200	1@1	CP_QAM256	19.65	-0.38	19.27	33	PASS
n41	30	30	502200	1@76	CP_QAM256	20.22	-0.38	19.84	33	PASS
n41	30	30	518598	36@18	DFT_BPSK	26.25	-0.38	25.87	33	PASS
n41	30	30	518598	1@1	DFT_BPSK	25.99	-0.38	25.61	33	PASS
n41	30	30	518598	1@76	DFT_BPSK	26.12	-0.38	25.74	33	PASS
n41	30	30	518598	36@18	DFT_QPSK	26.22	-0.38	25.84	33	PASS
n41	30	30	518598	1@1	DFT_QPSK	26.04	-0.38	25.66	33	PASS
n41	30	30	518598	1@76	DFT_QPSK	25.99	-0.38	25.61	33	PASS
n41	30	30	518598	36@18	DFT_QAM16	25.25	-0.38	24.87	33	PASS
n41	30	30	518598	1@1	DFT_QAM16	25.26	-0.38	24.88	33	PASS
n41	30	30	518598	1@76	DFT_QAM16	25.45	-0.38	25.07	33	PASS
n41	30	30	518598	36@18	DFT_QAM64	23.73	-0.38	23.35	33	PASS
n41	30	30	518598	1@1	DFT_QAM64	23.46	-0.38	23.08	33	PASS
n41	30	30	518598	1@76	DFT_QAM64	23.87	-0.38	23.49	33	PASS
n41	30	30	518598	36@18	DFT_QAM256	21.85	-0.38	21.47	33	PASS
n41	30	30	518598	1@1	DFT_QAM256	21.55	-0.38	21.17	33	PASS
n41	30	30	518598	1@76	DFT_QAM256	21.57	-0.38	21.19	33	PASS
n41	30	30	518598	39@19	CP_QPSK	24.74	-0.38	24.36	33	PASS
n41	30	30	518598	1@1	CP_QPSK	24.33	-0.38	23.95	33	PASS
n41	30	30	518598	1@76	CP_QPSK	24.44	-0.38	24.06	33	PASS
n41	30	30	518598	39@19	CP_QAM16	24.33	-0.38	23.95	33	PASS
n41	30	30	518598	1@1	CP_QAM16	24.50	-0.38	24.12	33	PASS
n41	30	30	518598	1@76	CP_QAM16	24.63	-0.38	24.25	33	PASS
n41	30	30	518598	39@19	CP_QAM64	22.79	-0.38	22.41	33	PASS
n41	30	30	518598	1@1	CP_QAM64	22.87	-0.38	22.49	33	PASS
n41	30	30	518598	1@76	CP_QAM64	22.74	-0.38	22.36	33	PASS
n41	30	30	518598	39@19	CP_QAM256	19.93	-0.38	19.55	33	PASS
n41	30	30	518598	1@1	CP_QAM256	19.74	-0.38	19.36	33	PASS
n41	30	30	518598	1@76	CP_QAM256	19.86	-0.38	19.48	33	PASS
n41	30	30	534996	36@18	DFT_BPSK	25.90	-0.38	25.52	33	PASS
n41	30	30	534996	1@1	DFT_BPSK	25.72	-0.38	25.34	33	PASS
n41	30	30	534996	1@76	DFT_BPSK	25.84	-0.38	25.46	33	PASS
n41	30	30	534996	36@18	DFT_QPSK	25.98	-0.38	25.6	33	PASS
n41	30	30	534996	1@1	DFT_QPSK	25.67	-0.38	25.29	33	PASS

n41	30	30	534996	1@76	DFT_QPSK	25.94	-0.38	25.56	33	PASS
n41	30	30	534996	36@18	DFT_QAM16	24.96	-0.38	24.58	33	PASS
n41	30	30	534996	1@1	DFT_QAM16	24.95	-0.38	24.57	33	PASS
n41	30	30	534996	1@76	DFT_QAM16	25.26	-0.38	24.88	33	PASS
n41	30	30	534996	36@18	DFT_QAM64	23.53	-0.38	23.15	33	PASS
n41	30	30	534996	1@1	DFT_QAM64	23.58	-0.38	23.2	33	PASS
n41	30	30	534996	1@76	DFT_QAM64	23.35	-0.38	22.97	33	PASS
n41	30	30	534996	36@18	DFT_QAM256	21.64	-0.38	21.26	33	PASS
n41	30	30	534996	1@1	DFT_QAM256	21.41	-0.38	21.03	33	PASS
n41	30	30	534996	1@76	DFT_QAM256	21.59	-0.38	21.21	33	PASS
n41	30	30	534996	39@19	CP_QPSK	24.45	-0.38	24.07	33	PASS
n41	30	30	534996	1@1	CP_QPSK	23.97	-0.38	23.59	33	PASS
n41	30	30	534996	1@76	CP_QPSK	24.23	-0.38	23.85	33	PASS
n41	30	30	534996	39@19	CP_QAM16	24.01	-0.38	23.63	33	PASS
n41	30	30	534996	1@1	CP_QAM16	24.21	-0.38	23.83	33	PASS
n41	30	30	534996	1@76	CP_QAM16	24.38	-0.38	24	33	PASS
n41	30	30	534996	39@19	CP_QAM64	22.63	-0.38	22.25	33	PASS
n41	30	30	534996	1@1	CP_QAM64	22.38	-0.38	22	33	PASS
n41	30	30	534996	1@76	CP_QAM64	22.78	-0.38	22.4	33	PASS
n41	30	30	534996	39@19	CP_QAM256	19.78	-0.38	19.4	33	PASS
n41	30	30	534996	1@1	CP_QAM256	19.99	-0.38	19.61	33	PASS
n41	30	30	534996	1@76	CP_QAM256	20.26	-0.38	19.88	33	PASS
n41	30	40	503202	50@25	DFT_BPSK	26.24	-0.38	25.86	33	PASS
n41	30	40	503202	1@1	DFT_BPSK	25.76	-0.38	25.38	33	PASS
n41	30	40	503202	1@104	DFT_BPSK	25.84	-0.38	25.46	33	PASS
n41	30	40	503202	50@25	DFT_QPSK	26.28	-0.38	25.9	33	PASS
n41	30	40	503202	1@1	DFT_QPSK	25.70	-0.38	25.32	33	PASS
n41	30	40	503202	1@104	DFT_QPSK	25.70	-0.38	25.32	33	PASS
n41	30	40	503202	50@25	DFT_QAM16	25.34	-0.38	24.96	33	PASS
n41	30	40	503202	1@1	DFT_QAM16	25.00	-0.38	24.62	33	PASS
n41	30	40	503202	1@104	DFT_QAM16	25.04	-0.38	24.66	33	PASS
n41	30	40	503202	50@25	DFT_QAM64	23.79	-0.38	23.41	33	PASS
n41	30	40	503202	1@1	DFT_QAM64	23.51	-0.38	23.13	33	PASS
n41	30	40	503202	1@104	DFT_QAM64	23.18	-0.38	22.8	33	PASS
n41	30	40	503202	50@25	DFT_QAM256	21.86	-0.38	21.48	33	PASS
n41	30	40	503202	1@1	DFT_QAM256	21.36	-0.38	20.98	33	PASS
n41	30	40	503202	1@104	DFT_QAM256	21.42	-0.38	21.04	33	PASS
n41	30	40	503202	53@26	CP_QPSK	24.79	-0.38	24.41	33	PASS
n41	30	40	503202	1@1	CP_QPSK	24.10	-0.38	23.72	33	PASS
n41	30	40	503202	1@104	CP_QPSK	24.03	-0.38	23.65	33	PASS
n41	30	40	503202	53@26	CP_QAM16	24.33	-0.38	23.95	33	PASS
n41	30	40	503202	1@1	CP_QAM16	24.20	-0.38	23.82	33	PASS
n41	30	40	503202	1@104	CP_QAM16	24.15	-0.38	23.77	33	PASS
n41	30	40	503202	53@26	CP_QAM64	22.84	-0.38	22.46	33	PASS

n41	30	40	503202	1@1	CP_QAM64	22.31	-0.38	21.93	33	PASS
n41	30	40	503202	1@104	CP_QAM64	22.32	-0.38	21.94	33	PASS
n41	30	40	503202	53@26	CP_QAM256	19.85	-0.38	19.47	33	PASS
n41	30	40	503202	1@1	CP_QAM256	19.40	-0.38	19.02	33	PASS
n41	30	40	503202	1@104	CP_QAM256	19.93	-0.38	19.55	33	PASS
n41	30	40	518598	50@25	DFT_BPSK	26.23	-0.38	25.85	33	PASS
n41	30	40	518598	1@1	DFT_BPSK	25.85	-0.38	25.47	33	PASS
n41	30	40	518598	1@104	DFT_BPSK	25.85	-0.38	25.47	33	PASS
n41	30	40	518598	50@25	DFT_QPSK	26.23	-0.38	25.85	33	PASS
n41	30	40	518598	1@1	DFT_QPSK	25.60	-0.38	25.22	33	PASS
n41	30	40	518598	1@104	DFT_QPSK	25.69	-0.38	25.31	33	PASS
n41	30	40	518598	50@25	DFT_QAM16	25.26	-0.38	24.88	33	PASS
n41	30	40	518598	1@1	DFT_QAM16	25.21	-0.38	24.83	33	PASS
n41	30	40	518598	1@104	DFT_QAM16	25.28	-0.38	24.9	33	PASS
n41	30	40	518598	50@25	DFT_QAM64	23.73	-0.38	23.35	33	PASS
n41	30	40	518598	1@1	DFT_QAM64	23.42	-0.38	23.04	33	PASS
n41	30	40	518598	1@104	DFT_QAM64	23.55	-0.38	23.17	33	PASS
n41	30	40	518598	50@25	DFT_QAM256	21.77	-0.38	21.39	33	PASS
n41	30	40	518598	1@1	DFT_QAM256	21.26	-0.38	20.88	33	PASS
n41	30	40	518598	1@104	DFT_QAM256	21.65	-0.38	21.27	33	PASS
n41	30	40	518598	53@26	CP_QPSK	24.76	-0.38	24.38	33	PASS
n41	30	40	518598	1@1	CP_QPSK	24.05	-0.38	23.67	33	PASS
n41	30	40	518598	1@104	CP_QPSK	24.09	-0.38	23.71	33	PASS
n41	30	40	518598	53@26	CP_QAM16	24.27	-0.38	23.89	33	PASS
n41	30	40	518598	1@1	CP_QAM16	24.40	-0.38	24.02	33	PASS
n41	30	40	518598	1@104	CP_QAM16	24.43	-0.38	24.05	33	PASS
n41	30	40	518598	53@26	CP_QAM64	22.74	-0.38	22.36	33	PASS
n41	30	40	518598	1@1	CP_QAM64	23.01	-0.38	22.63	33	PASS
n41	30	40	518598	1@104	CP_QAM64	22.50	-0.38	22.12	33	PASS
n41	30	40	518598	53@26	CP_QAM256	19.81	-0.38	19.43	33	PASS
n41	30	40	518598	1@1	CP_QAM256	20.03	-0.38	19.65	33	PASS
n41	30	40	518598	1@104	CP_QAM256	19.51	-0.38	19.13	33	PASS
n41	30	40	534000	50@25	DFT_BPSK	25.91	-0.38	25.53	33	PASS
n41	30	40	534000	1@1	DFT_BPSK	25.54	-0.38	25.16	33	PASS
n41	30	40	534000	1@104	DFT_BPSK	25.69	-0.38	25.31	33	PASS
n41	30	40	534000	50@25	DFT_QPSK	25.95	-0.38	25.57	33	PASS
n41	30	40	534000	1@1	DFT_QPSK	25.44	-0.38	25.06	33	PASS
n41	30	40	534000	1@104	DFT_QPSK	25.53	-0.38	25.15	33	PASS
n41	30	40	534000	50@25	DFT_QAM16	25.09	-0.38	24.71	33	PASS
n41	30	40	534000	1@1	DFT_QAM16	24.98	-0.38	24.6	33	PASS
n41	30	40	534000	1@104	DFT_QAM16	24.74	-0.38	24.36	33	PASS
n41	30	40	534000	50@25	DFT_QAM64	23.55	-0.38	23.17	33	PASS
n41	30	40	534000	1@1	DFT_QAM64	23.21	-0.38	22.83	33	PASS
n41	30	40	534000	1@104	DFT_QAM64	23.40	-0.38	23.02	33	PASS

n41	30	40	534000	50@25	DFT_QAM256	21.69	-0.38	21.31	33	PASS
n41	30	40	534000	1@1	DFT_QAM256	21.12	-0.38	20.74	33	PASS
n41	30	40	534000	1@104	DFT_QAM256	21.24	-0.38	20.86	33	PASS
n41	30	40	534000	53@26	CP_QPSK	24.51	-0.38	24.13	33	PASS
n41	30	40	534000	1@1	CP_QPSK	23.81	-0.38	23.43	33	PASS
n41	30	40	534000	1@104	CP_QPSK	24.19	-0.38	23.81	33	PASS
n41	30	40	534000	53@26	CP_QAM16	24.01	-0.38	23.63	33	PASS
n41	30	40	534000	1@1	CP_QAM16	24.26	-0.38	23.88	33	PASS
n41	30	40	534000	1@104	CP_QAM16	24.32	-0.38	23.94	33	PASS
n41	30	40	534000	53@26	CP_QAM64	22.60	-0.38	22.22	33	PASS
n41	30	40	534000	1@1	CP_QAM64	22.26	-0.38	21.88	33	PASS
n41	30	40	534000	1@104	CP_QAM64	22.91	-0.38	22.53	33	PASS
n41	30	40	534000	53@26	CP_QAM256	19.72	-0.38	19.34	33	PASS
n41	30	40	534000	1@1	CP_QAM256	19.30	-0.38	18.92	33	PASS
n41	30	40	534000	1@104	CP_QAM256	19.94	-0.38	19.56	33	PASS
n41	30	50	504204	64@32	DFT_BPSK	26.34	-0.38	25.96	33	PASS
n41	30	50	504204	1@1	DFT_BPSK	25.97	-0.38	25.59	33	PASS
n41	30	50	504204	1@131	DFT_BPSK	25.99	-0.38	25.61	33	PASS
n41	30	50	504204	64@32	DFT_QPSK	26.27	-0.38	25.89	33	PASS
n41	30	50	504204	1@1	DFT_QPSK	25.84	-0.38	25.46	33	PASS
n41	30	50	504204	1@131	DFT_QPSK	25.85	-0.38	25.47	33	PASS
n41	30	50	504204	64@32	DFT_QAM16	25.39	-0.38	25.01	33	PASS
n41	30	50	504204	1@1	DFT_QAM16	25.04	-0.38	24.66	33	PASS
n41	30	50	504204	1@131	DFT_QAM16	25.46	-0.38	25.08	33	PASS
n41	30	50	504204	64@32	DFT_QAM64	23.86	-0.38	23.48	33	PASS
n41	30	50	504204	1@1	DFT_QAM64	23.73	-0.38	23.35	33	PASS
n41	30	50	504204	1@131	DFT_QAM64	23.70	-0.38	23.32	33	PASS
n41	30	50	504204	64@32	DFT_QAM256	21.94	-0.38	21.56	33	PASS
n41	30	50	504204	1@1	DFT_QAM256	21.53	-0.38	21.15	33	PASS
n41	30	50	504204	1@131	DFT_QAM256	21.52	-0.38	21.14	33	PASS
n41	30	50	504204	67@33	CP_QPSK	24.80	-0.38	24.42	33	PASS
n41	30	50	504204	1@1	CP_QPSK	24.38	-0.38	24	33	PASS
n41	30	50	504204	1@131	CP_QPSK	24.27	-0.38	23.89	33	PASS
n41	30	50	504204	67@33	CP_QAM16	24.38	-0.38	24	33	PASS
n41	30	50	504204	1@1	CP_QAM16	24.26	-0.38	23.88	33	PASS
n41	30	50	504204	1@131	CP_QAM16	24.21	-0.38	23.83	33	PASS
n41	30	50	504204	67@33	CP_QAM64	22.85	-0.38	22.47	33	PASS
n41	30	50	504204	1@1	CP_QAM64	22.82	-0.38	22.44	33	PASS
n41	30	50	504204	1@131	CP_QAM64	22.91	-0.38	22.53	33	PASS
n41	30	50	504204	67@33	CP_QAM256	19.78	-0.38	19.4	33	PASS
n41	30	50	504204	1@1	CP_QAM256	19.69	-0.38	19.31	33	PASS
n41	30	50	504204	1@131	CP_QAM256	19.63	-0.38	19.25	33	PASS
n41	30	50	518598	64@32	DFT_BPSK	26.25	-0.38	25.87	33	PASS
n41	30	50	518598	1@1	DFT_BPSK	26.04	-0.38	25.66	33	PASS

n41	30	50	518598	1@131	DFT_BPSK	26.11	-0.38	25.73	33	PASS
n41	30	50	518598	64@32	DFT_QPSK	26.32	-0.38	25.94	33	PASS
n41	30	50	518598	1@1	DFT_QPSK	26.25	-0.38	25.87	33	PASS
n41	30	50	518598	1@131	DFT_QPSK	26.27	-0.38	25.89	33	PASS
n41	30	50	518598	64@32	DFT_QAM16	25.30	-0.38	24.92	33	PASS
n41	30	50	518598	1@1	DFT_QAM16	25.30	-0.38	24.92	33	PASS
n41	30	50	518598	1@131	DFT_QAM16	25.44	-0.38	25.06	33	PASS
n41	30	50	518598	64@32	DFT_QAM64	23.82	-0.38	23.44	33	PASS
n41	30	50	518598	1@1	DFT_QAM64	23.66	-0.38	23.28	33	PASS
n41	30	50	518598	1@131	DFT_QAM64	23.70	-0.38	23.32	33	PASS
n41	30	50	518598	64@32	DFT_QAM256	21.90	-0.38	21.52	33	PASS
n41	30	50	518598	1@1	DFT_QAM256	21.83	-0.38	21.45	33	PASS
n41	30	50	518598	1@131	DFT_QAM256	21.89	-0.38	21.51	33	PASS
n41	30	50	518598	67@33	CP_QPSK	24.87	-0.38	24.49	33	PASS
n41	30	50	518598	1@1	CP_QPSK	24.55	-0.38	24.17	33	PASS
n41	30	50	518598	1@131	CP_QPSK	24.51	-0.38	24.13	33	PASS
n41	30	50	518598	67@33	CP_QAM16	24.40	-0.38	24.02	33	PASS
n41	30	50	518598	1@1	CP_QAM16	24.52	-0.38	24.14	33	PASS
n41	30	50	518598	1@131	CP_QAM16	24.70	-0.38	24.32	33	PASS
n41	30	50	518598	67@33	CP_QAM64	22.90	-0.38	22.52	33	PASS
n41	30	50	518598	1@1	CP_QAM64	22.57	-0.38	22.19	33	PASS
n41	30	50	518598	1@131	CP_QAM64	22.66	-0.38	22.28	33	PASS
n41	30	50	518598	67@33	CP_QAM256	19.90	-0.38	19.52	33	PASS
n41	30	50	518598	1@1	CP_QAM256	19.59	-0.38	19.21	33	PASS
n41	30	50	518598	1@131	CP_QAM256	19.69	-0.38	19.31	33	PASS
n41	30	50	532998	64@32	DFT_BPSK	26.03	-0.38	25.65	33	PASS
n41	30	50	532998	1@1	DFT_BPSK	25.89	-0.38	25.51	33	PASS
n41	30	50	532998	1@131	DFT_BPSK	25.91	-0.38	25.53	33	PASS
n41	30	50	532998	64@32	DFT_QPSK	26.00	-0.38	25.62	33	PASS
n41	30	50	532998	1@1	DFT_QPSK	26.11	-0.38	25.73	33	PASS
n41	30	50	532998	1@131	DFT_QPSK	26.17	-0.38	25.79	33	PASS
n41	30	50	532998	64@32	DFT_QAM16	25.17	-0.38	24.79	33	PASS
n41	30	50	532998	1@1	DFT_QAM16	25.23	-0.38	24.85	33	PASS
n41	30	50	532998	1@131	DFT_QAM16	25.20	-0.38	24.82	33	PASS
n41	30	50	532998	64@32	DFT_QAM64	23.66	-0.38	23.28	33	PASS
n41	30	50	532998	1@1	DFT_QAM64	23.49	-0.38	23.11	33	PASS
n41	30	50	532998	1@131	DFT_QAM64	23.61	-0.38	23.23	33	PASS
n41	30	50	532998	64@32	DFT_QAM256	21.67	-0.38	21.29	33	PASS
n41	30	50	532998	1@1	DFT_QAM256	21.49	-0.38	21.11	33	PASS
n41	30	50	532998	1@131	DFT_QAM256	21.93	-0.38	21.55	33	PASS
n41	30	50	532998	67@33	CP_QPSK	24.61	-0.38	24.23	33	PASS
n41	30	50	532998	1@1	CP_QPSK	24.16	-0.38	23.78	33	PASS
n41	30	50	532998	1@131	CP_QPSK	24.24	-0.38	23.86	33	PASS
n41	30	50	532998	67@33	CP_QAM16	24.14	-0.38	23.76	33	PASS

n41	30	50	532998	1@1	CP_QAM16	24.56	-0.38	24.18	33	PASS
n41	30	50	532998	1@131	CP_QAM16	24.59	-0.38	24.21	33	PASS
n41	30	50	532998	67@33	CP_QAM64	22.69	-0.38	22.31	33	PASS
n41	30	50	532998	1@1	CP_QAM64	23.12	-0.38	22.74	33	PASS
n41	30	50	532998	1@131	CP_QAM64	22.66	-0.38	22.28	33	PASS
n41	30	50	532998	67@33	CP_QAM256	19.68	-0.38	19.3	33	PASS
n41	30	50	532998	1@1	CP_QAM256	20.16	-0.38	19.78	33	PASS
n41	30	50	532998	1@131	CP_QAM256	20.27	-0.38	19.89	33	PASS
n41	30	60	505200	81@40	DFT_BPSK	26.35	-0.38	25.97	33	PASS
n41	30	60	505200	1@1	DFT_BPSK	25.86	-0.38	25.48	33	PASS
n41	30	60	505200	1@160	DFT_BPSK	25.84	-0.38	25.46	33	PASS
n41	30	60	505200	81@40	DFT_QPSK	26.27	-0.38	25.89	33	PASS
n41	30	60	505200	1@1	DFT_QPSK	26.04	-0.38	25.66	33	PASS
n41	30	60	505200	1@160	DFT_QPSK	26.10	-0.38	25.72	33	PASS
n41	30	60	505200	81@40	DFT_QAM16	25.27	-0.38	24.89	33	PASS
n41	30	60	505200	1@1	DFT_QAM16	25.19	-0.38	24.81	33	PASS
n41	30	60	505200	1@160	DFT_QAM16	25.18	-0.38	24.8	33	PASS
n41	30	60	505200	81@40	DFT_QAM64	23.88	-0.38	23.5	33	PASS
n41	30	60	505200	1@1	DFT_QAM64	23.40	-0.38	23.02	33	PASS
n41	30	60	505200	1@160	DFT_QAM64	23.42	-0.38	23.04	33	PASS
n41	30	60	505200	81@40	DFT_QAM256	21.86	-0.38	21.48	33	PASS
n41	30	60	505200	1@1	DFT_QAM256	21.58	-0.38	21.2	33	PASS
n41	30	60	505200	1@160	DFT_QAM256	21.62	-0.38	21.24	33	PASS
n41	30	60	505200	81@40	CP_QPSK	24.73	-0.38	24.35	33	PASS
n41	30	60	505200	1@1	CP_QPSK	24.35	-0.38	23.97	33	PASS
n41	30	60	505200	1@160	CP_QPSK	24.24	-0.38	23.86	33	PASS
n41	30	60	505200	81@40	CP_QAM16	24.28	-0.38	23.9	33	PASS
n41	30	60	505200	1@1	CP_QAM16	24.26	-0.38	23.88	33	PASS
n41	30	60	505200	1@160	CP_QAM16	24.33	-0.38	23.95	33	PASS
n41	30	60	505200	81@40	CP_QAM64	22.82	-0.38	22.44	33	PASS
n41	30	60	505200	1@1	CP_QAM64	22.35	-0.38	21.97	33	PASS
n41	30	60	505200	1@160	CP_QAM64	22.30	-0.38	21.92	33	PASS
n41	30	60	505200	81@40	CP_QAM256	19.88	-0.38	19.5	33	PASS
n41	30	60	505200	1@1	CP_QAM256	19.37	-0.38	18.99	33	PASS
n41	30	60	505200	1@160	CP_QAM256	19.35	-0.38	18.97	33	PASS
n41	30	60	518598	81@40	DFT_BPSK	26.34	-0.38	25.96	33	PASS
n41	30	60	518598	1@1	DFT_BPSK	25.94	-0.38	25.56	33	PASS
n41	30	60	518598	1@160	DFT_BPSK	25.83	-0.38	25.45	33	PASS
n41	30	60	518598	81@40	DFT_QPSK	26.23	-0.38	25.85	33	PASS
n41	30	60	518598	1@1	DFT_QPSK	25.87	-0.38	25.49	33	PASS
n41	30	60	518598	1@160	DFT_QPSK	25.81	-0.38	25.43	33	PASS
n41	30	60	518598	81@40	DFT_QAM16	25.33	-0.38	24.95	33	PASS
n41	30	60	518598	1@1	DFT_QAM16	25.06	-0.38	24.68	33	PASS
n41	30	60	518598	1@160	DFT_QAM16	25.06	-0.38	24.68	33	PASS

n41	30	60	518598	81@40	DFT_QAM64	23.81	-0.38	23.43	33	PASS
n41	30	60	518598	1@1	DFT_QAM64	23.85	-0.38	23.47	33	PASS
n41	30	60	518598	1@160	DFT_QAM64	23.76	-0.38	23.38	33	PASS
n41	30	60	518598	81@40	DFT_QAM256	21.84	-0.38	21.46	33	PASS
n41	30	60	518598	1@1	DFT_QAM256	21.84	-0.38	21.46	33	PASS
n41	30	60	518598	1@160	DFT_QAM256	21.73	-0.38	21.35	33	PASS
n41	30	60	518598	81@40	CP_QPSK	24.78	-0.38	24.4	33	PASS
n41	30	60	518598	1@1	CP_QPSK	24.28	-0.38	23.9	33	PASS
n41	30	60	518598	1@160	CP_QPSK	24.24	-0.38	23.86	33	PASS
n41	30	60	518598	81@40	CP_QAM16	24.29	-0.38	23.91	33	PASS
n41	30	60	518598	1@1	CP_QAM16	24.83	-0.38	24.45	33	PASS
n41	30	60	518598	1@160	CP_QAM16	24.86	-0.38	24.48	33	PASS
n41	30	60	518598	81@40	CP_QAM64	22.93	-0.38	22.55	33	PASS
n41	30	60	518598	1@1	CP_QAM64	22.94	-0.38	22.56	33	PASS
n41	30	60	518598	1@160	CP_QAM64	22.93	-0.38	22.55	33	PASS
n41	30	60	518598	81@40	CP_QAM256	19.95	-0.38	19.57	33	PASS
n41	30	60	518598	1@1	CP_QAM256	19.59	-0.38	19.21	33	PASS
n41	30	60	518598	1@160	CP_QAM256	19.56	-0.38	19.18	33	PASS
n41	30	60	531996	81@40	DFT_BPSK	26.01	-0.38	25.63	33	PASS
n41	30	60	531996	1@1	DFT_BPSK	25.84	-0.38	25.46	33	PASS
n41	30	60	531996	1@160	DFT_BPSK	25.75	-0.38	25.37	33	PASS
n41	30	60	531996	81@40	DFT_QPSK	26.11	-0.38	25.73	33	PASS
n41	30	60	531996	1@1	DFT_QPSK	25.69	-0.38	25.31	33	PASS
n41	30	60	531996	1@160	DFT_QPSK	25.66	-0.38	25.28	33	PASS
n41	30	60	531996	81@40	DFT_QAM16	25.14	-0.38	24.76	33	PASS
n41	30	60	531996	1@1	DFT_QAM16	25.30	-0.38	24.92	33	PASS
n41	30	60	531996	1@160	DFT_QAM16	25.19	-0.38	24.81	33	PASS
n41	30	60	531996	81@40	DFT_QAM64	23.67	-0.38	23.29	33	PASS
n41	30	60	531996	1@1	DFT_QAM64	23.69	-0.38	23.31	33	PASS
n41	30	60	531996	1@160	DFT_QAM64	23.65	-0.38	23.27	33	PASS
n41	30	60	531996	81@40	DFT_QAM256	21.75	-0.38	21.37	33	PASS
n41	30	60	531996	1@1	DFT_QAM256	21.32	-0.38	20.94	33	PASS
n41	30	60	531996	1@160	DFT_QAM256	21.37	-0.38	20.99	33	PASS
n41	30	60	531996	81@40	CP_QPSK	24.61	-0.38	24.23	33	PASS
n41	30	60	531996	1@1	CP_QPSK	24.16	-0.38	23.78	33	PASS
n41	30	60	531996	1@160	CP_QPSK	24.09	-0.38	23.71	33	PASS
n41	30	60	531996	81@40	CP_QAM16	24.15	-0.38	23.77	33	PASS
n41	30	60	531996	1@1	CP_QAM16	24.54	-0.38	24.16	33	PASS
n41	30	60	531996	1@160	CP_QAM16	24.52	-0.38	24.14	33	PASS
n41	30	60	531996	81@40	CP_QAM64	22.73	-0.38	22.35	33	PASS
n41	30	60	531996	1@1	CP_QAM64	22.81	-0.38	22.43	33	PASS
n41	30	60	531996	1@160	CP_QAM64	22.93	-0.38	22.55	33	PASS
n41	30	60	531996	81@40	CP_QAM256	19.75	-0.38	19.37	33	PASS
n41	30	60	531996	1@1	CP_QAM256	19.69	-0.38	19.31	33	PASS

n41	30	60	531996	1@160	CP_QAM256	19.67	-0.38	19.29	33	PASS
n41	30	80	507204	108@54	DFT_BPSK	26.29	-0.38	25.91	33	PASS
n41	30	80	507204	1@1	DFT_BPSK	25.64	-0.38	25.26	33	PASS
n41	30	80	507204	1@215	DFT_BPSK	25.77	-0.38	25.39	33	PASS
n41	30	80	507204	108@54	DFT_QPSK	26.35	-0.38	25.97	33	PASS
n41	30	80	507204	1@1	DFT_QPSK	25.72	-0.38	25.34	33	PASS
n41	30	80	507204	1@215	DFT_QPSK	25.76	-0.38	25.38	33	PASS
n41	30	80	507204	108@54	DFT_QAM16	25.41	-0.38	25.03	33	PASS
n41	30	80	507204	1@1	DFT_QAM16	24.80	-0.38	24.42	33	PASS
n41	30	80	507204	1@215	DFT_QAM16	24.95	-0.38	24.57	33	PASS
n41	30	80	507204	108@54	DFT_QAM64	23.83	-0.38	23.45	33	PASS
n41	30	80	507204	1@1	DFT_QAM64	23.54	-0.38	23.16	33	PASS
n41	30	80	507204	1@215	DFT_QAM64	23.50	-0.38	23.12	33	PASS
n41	30	80	507204	108@54	DFT_QAM256	21.83	-0.38	21.45	33	PASS
n41	30	80	507204	1@1	DFT_QAM256	21.61	-0.38	21.23	33	PASS
n41	30	80	507204	1@215	DFT_QAM256	21.61	-0.38	21.23	33	PASS
n41	30	80	507204	109@54	CP_QPSK	24.83	-0.38	24.45	33	PASS
n41	30	80	507204	1@1	CP_QPSK	23.93	-0.38	23.55	33	PASS
n41	30	80	507204	1@215	CP_QPSK	23.96	-0.38	23.58	33	PASS
n41	30	80	507204	109@54	CP_QAM16	24.42	-0.38	24.04	33	PASS
n41	30	80	507204	1@1	CP_QAM16	24.36	-0.38	23.98	33	PASS
n41	30	80	507204	1@215	CP_QAM16	24.54	-0.38	24.16	33	PASS
n41	30	80	507204	109@54	CP_QAM64	22.75	-0.38	22.37	33	PASS
n41	30	80	507204	1@1	CP_QAM64	22.57	-0.38	22.19	33	PASS
n41	30	80	507204	1@215	CP_QAM64	22.68	-0.38	22.3	33	PASS
n41	30	80	507204	109@54	CP_QAM256	19.89	-0.38	19.51	33	PASS
n41	30	80	507204	1@1	CP_QAM256	19.20	-0.38	18.82	33	PASS
n41	30	80	507204	1@215	CP_QAM256	19.20	-0.38	18.82	33	PASS
n41	30	80	518598	108@54	DFT_BPSK	26.37	-0.38	25.99	33	PASS
n41	30	80	518598	1@1	DFT_BPSK	25.67	-0.38	25.29	33	PASS
n41	30	80	518598	1@215	DFT_BPSK	25.70	-0.38	25.32	33	PASS
n41	30	80	518598	108@54	DFT_QPSK	26.33	-0.38	25.95	33	PASS
n41	30	80	518598	1@1	DFT_QPSK	25.62	-0.38	25.24	33	PASS
n41	30	80	518598	1@215	DFT_QPSK	25.61	-0.38	25.23	33	PASS
n41	30	80	518598	108@54	DFT_QAM16	25.43	-0.38	25.05	33	PASS
n41	30	80	518598	1@1	DFT_QAM16	24.61	-0.38	24.23	33	PASS
n41	30	80	518598	1@215	DFT_QAM16	24.53	-0.38	24.15	33	PASS
n41	30	80	518598	108@54	DFT_QAM64	23.89	-0.38	23.51	33	PASS
n41	30	80	518598	1@1	DFT_QAM64	23.67	-0.38	23.29	33	PASS
n41	30	80	518598	1@215	DFT_QAM64	23.65	-0.38	23.27	33	PASS
n41	30	80	518598	108@54	DFT_QAM256	21.96	-0.38	21.58	33	PASS
n41	30	80	518598	1@1	DFT_QAM256	21.62	-0.38	21.24	33	PASS
n41	30	80	518598	1@215	DFT_QAM256	21.18	-0.38	20.8	33	PASS
n41	30	80	518598	109@54	CP_QPSK	24.83	-0.38	24.45	33	PASS

n41	30	80	518598	1@1	CP_QPSK	24.19	-0.38	23.81	33	PASS
n41	30	80	518598	1@215	CP_QPSK	24.14	-0.38	23.76	33	PASS
n41	30	80	518598	109@54	CP_QAM16	24.50	-0.38	24.12	33	PASS
n41	30	80	518598	1@1	CP_QAM16	23.94	-0.38	23.56	33	PASS
n41	30	80	518598	1@215	CP_QAM16	23.89	-0.38	23.51	33	PASS
n41	30	80	518598	109@54	CP_QAM64	22.92	-0.38	22.54	33	PASS
n41	30	80	518598	1@1	CP_QAM64	22.20	-0.38	21.82	33	PASS
n41	30	80	518598	1@215	CP_QAM64	22.18	-0.38	21.8	33	PASS
n41	30	80	518598	109@54	CP_QAM256	19.92	-0.38	19.54	33	PASS
n41	30	80	518598	1@1	CP_QAM256	19.14	-0.38	18.76	33	PASS
n41	30	80	518598	1@215	CP_QAM256	19.08	-0.38	18.7	33	PASS
n41	30	80	529998	108@54	DFT_BPSK	26.09	-0.38	25.71	33	PASS
n41	30	80	529998	1@1	DFT_BPSK	25.86	-0.38	25.48	33	PASS
n41	30	80	529998	1@215	DFT_BPSK	25.69	-0.38	25.31	33	PASS
n41	30	80	529998	108@54	DFT_QPSK	26.17	-0.38	25.79	33	PASS
n41	30	80	529998	1@1	DFT_QPSK	25.68	-0.38	25.3	33	PASS
n41	30	80	529998	1@215	DFT_QPSK	25.52	-0.38	25.14	33	PASS
n41	30	80	529998	108@54	DFT_QAM16	25.25	-0.38	24.87	33	PASS
n41	30	80	529998	1@1	DFT_QAM16	25.17	-0.38	24.79	33	PASS
n41	30	80	529998	1@215	DFT_QAM16	24.71	-0.38	24.33	33	PASS
n41	30	80	529998	108@54	DFT_QAM64	23.78	-0.38	23.4	33	PASS
n41	30	80	529998	1@1	DFT_QAM64	23.53	-0.38	23.15	33	PASS
n41	30	80	529998	1@215	DFT_QAM64	23.41	-0.38	23.03	33	PASS
n41	30	80	529998	108@54	DFT_QAM256	21.82	-0.38	21.44	33	PASS
n41	30	80	529998	1@1	DFT_QAM256	21.70	-0.38	21.32	33	PASS
n41	30	80	529998	1@215	DFT_QAM256	21.70	-0.38	21.32	33	PASS
n41	30	80	529998	109@54	CP_QPSK	24.76	-0.38	24.38	33	PASS
n41	30	80	529998	1@1	CP_QPSK	24.20	-0.38	23.82	33	PASS
n41	30	80	529998	1@215	CP_QPSK	24.03	-0.38	23.65	33	PASS
n41	30	80	529998	109@54	CP_QAM16	24.27	-0.38	23.89	33	PASS
n41	30	80	529998	1@1	CP_QAM16	24.38	-0.38	24	33	PASS
n41	30	80	529998	1@215	CP_QAM16	24.19	-0.38	23.81	33	PASS
n41	30	80	529998	109@54	CP_QAM64	22.69	-0.38	22.31	33	PASS
n41	30	80	529998	1@1	CP_QAM64	22.98	-0.38	22.6	33	PASS
n41	30	80	529998	1@215	CP_QAM64	22.26	-0.38	21.88	33	PASS
n41	30	80	529998	109@54	CP_QAM256	19.81	-0.38	19.43	33	PASS
n41	30	80	529998	1@1	CP_QAM256	19.86	-0.38	19.48	33	PASS
n41	30	80	529998	1@215	CP_QAM256	19.21	-0.38	18.83	33	PASS
n41	30	90	508200	120@60	DFT_BPSK	26.22	-0.38	25.84	33	PASS
n41	30	90	508200	1@1	DFT_BPSK	25.56	-0.38	25.18	33	PASS
n41	30	90	508200	1@243	DFT_BPSK	25.64	-0.38	25.26	33	PASS
n41	30	90	508200	120@60	DFT_QPSK	26.31	-0.38	25.93	33	PASS
n41	30	90	508200	1@1	DFT_QPSK	25.52	-0.38	25.14	33	PASS
n41	30	90	508200	1@243	DFT_QPSK	25.58	-0.38	25.2	33	PASS

n41	30	90	508200	120@60	DFT_QAM16	25.37	-0.38	24.99	33	PASS
n41	30	90	508200	1@1	DFT_QAM16	24.46	-0.38	24.08	33	PASS
n41	30	90	508200	1@243	DFT_QAM16	24.54	-0.38	24.16	33	PASS
n41	30	90	508200	120@60	DFT_QAM64	23.89	-0.38	23.51	33	PASS
n41	30	90	508200	1@1	DFT_QAM64	23.30	-0.38	22.92	33	PASS
n41	30	90	508200	1@243	DFT_QAM64	23.39	-0.38	23.01	33	PASS
n41	30	90	508200	120@60	DFT_QAM256	21.80	-0.38	21.42	33	PASS
n41	30	90	508200	1@1	DFT_QAM256	21.51	-0.38	21.13	33	PASS
n41	30	90	508200	1@243	DFT_QAM256	21.52	-0.38	21.14	33	PASS
n41	30	90	508200	123@61	CP_QPSK	24.78	-0.38	24.4	33	PASS
n41	30	90	508200	1@1	CP_QPSK	24.09	-0.38	23.71	33	PASS
n41	30	90	508200	1@243	CP_QPSK	24.20	-0.38	23.82	33	PASS
n41	30	90	508200	123@61	CP_QAM16	24.30	-0.38	23.92	33	PASS
n41	30	90	508200	1@1	CP_QAM16	23.85	-0.38	23.47	33	PASS
n41	30	90	508200	1@243	CP_QAM16	23.96	-0.38	23.58	33	PASS
n41	30	90	508200	123@61	CP_QAM64	22.76	-0.38	22.38	33	PASS
n41	30	90	508200	1@1	CP_QAM64	22.08	-0.38	21.7	33	PASS
n41	30	90	508200	1@243	CP_QAM64	22.21	-0.38	21.83	33	PASS
n41	30	90	508200	123@61	CP_QAM256	19.67	-0.38	19.29	33	PASS
n41	30	90	508200	1@1	CP_QAM256	19.26	-0.38	18.88	33	PASS
n41	30	90	508200	1@243	CP_QAM256	19.31	-0.38	18.93	33	PASS
n41	30	90	518598	120@60	DFT_BPSK	26.35	-0.38	25.97	33	PASS
n41	30	90	518598	1@1	DFT_BPSK	25.54	-0.38	25.16	33	PASS
n41	30	90	518598	1@243	DFT_BPSK	25.44	-0.38	25.06	33	PASS
n41	30	90	518598	120@60	DFT_QPSK	26.37	-0.38	25.99	33	PASS
n41	30	90	518598	1@1	DFT_QPSK	25.33	-0.38	24.95	33	PASS
n41	30	90	518598	1@243	DFT_QPSK	25.35	-0.38	24.97	33	PASS
n41	30	90	518598	120@60	DFT_QAM16	25.39	-0.38	25.01	33	PASS
n41	30	90	518598	1@1	DFT_QAM16	24.91	-0.38	24.53	33	PASS
n41	30	90	518598	1@243	DFT_QAM16	24.80	-0.38	24.42	33	PASS
n41	30	90	518598	120@60	DFT_QAM64	23.88	-0.38	23.5	33	PASS
n41	30	90	518598	1@1	DFT_QAM64	23.05	-0.38	22.67	33	PASS
n41	30	90	518598	1@243	DFT_QAM64	23.03	-0.38	22.65	33	PASS
n41	30	90	518598	120@60	DFT_QAM256	21.89	-0.38	21.51	33	PASS
n41	30	90	518598	1@1	DFT_QAM256	21.25	-0.38	20.87	33	PASS
n41	30	90	518598	1@243	DFT_QAM256	21.25	-0.38	20.87	33	PASS
n41	30	90	518598	123@61	CP_QPSK	24.88	-0.38	24.5	33	PASS
n41	30	90	518598	1@1	CP_QPSK	24.06	-0.38	23.68	33	PASS
n41	30	90	518598	1@243	CP_QPSK	23.86	-0.38	23.48	33	PASS
n41	30	90	518598	123@61	CP_QAM16	24.35	-0.38	23.97	33	PASS
n41	30	90	518598	1@1	CP_QAM16	23.79	-0.38	23.41	33	PASS
n41	30	90	518598	1@243	CP_QAM16	23.64	-0.38	23.26	33	PASS
n41	30	90	518598	123@61	CP_QAM64	22.89	-0.38	22.51	33	PASS
n41	30	90	518598	1@1	CP_QAM64	21.93	-0.38	21.55	33	PASS

n41	30	90	518598	1@243	CP_QAM64	21.94	-0.38	21.56	33	PASS
n41	30	90	518598	123@61	CP_QAM256	19.78	-0.38	19.4	33	PASS
n41	30	90	518598	1@1	CP_QAM256	19.07	-0.38	18.69	33	PASS
n41	30	90	518598	1@243	CP_QAM256	18.97	-0.38	18.59	33	PASS
n41	30	90	528996	120@60	DFT_BPSK	26.21	-0.38	25.83	33	PASS
n41	30	90	528996	1@1	DFT_BPSK	25.61	-0.38	25.23	33	PASS
n41	30	90	528996	1@243	DFT_BPSK	25.52	-0.38	25.14	33	PASS
n41	30	90	528996	120@60	DFT_QPSK	26.15	-0.38	25.77	33	PASS
n41	30	90	528996	1@1	DFT_QPSK	25.52	-0.38	25.14	33	PASS
n41	30	90	528996	1@243	DFT_QPSK	25.49	-0.38	25.11	33	PASS
n41	30	90	528996	120@60	DFT_QAM16	25.20	-0.38	24.82	33	PASS
n41	30	90	528996	1@1	DFT_QAM16	25.09	-0.38	24.71	33	PASS
n41	30	90	528996	1@243	DFT_QAM16	24.62	-0.38	24.24	33	PASS
n41	30	90	528996	120@60	DFT_QAM64	23.69	-0.38	23.31	33	PASS
n41	30	90	528996	1@1	DFT_QAM64	23.26	-0.38	22.88	33	PASS
n41	30	90	528996	1@243	DFT_QAM64	23.22	-0.38	22.84	33	PASS
n41	30	90	528996	120@60	DFT_QAM256	21.71	-0.38	21.33	33	PASS
n41	30	90	528996	1@1	DFT_QAM256	21.06	-0.38	20.68	33	PASS
n41	30	90	528996	1@243	DFT_QAM256	21.50	-0.38	21.12	33	PASS
n41	30	90	528996	123@61	CP_QPSK	24.64	-0.38	24.26	33	PASS
n41	30	90	528996	1@1	CP_QPSK	23.86	-0.38	23.48	33	PASS
n41	30	90	528996	1@243	CP_QPSK	23.99	-0.38	23.61	33	PASS
n41	30	90	528996	123@61	CP_QAM16	24.17	-0.38	23.79	33	PASS
n41	30	90	528996	1@1	CP_QAM16	24.23	-0.38	23.85	33	PASS
n41	30	90	528996	1@243	CP_QAM16	24.12	-0.38	23.74	33	PASS
n41	30	90	528996	123@61	CP_QAM64	22.76	-0.38	22.38	33	PASS
n41	30	90	528996	1@1	CP_QAM64	22.85	-0.38	22.47	33	PASS
n41	30	90	528996	1@243	CP_QAM64	22.20	-0.38	21.82	33	PASS
n41	30	90	528996	123@61	CP_QAM256	19.70	-0.38	19.32	33	PASS
n41	30	90	528996	1@1	CP_QAM256	19.34	-0.38	18.96	33	PASS
n41	30	90	528996	1@243	CP_QAM256	19.84	-0.38	19.46	33	PASS
n41	30	100	509202	135@67	DFT_BPSK	26.27	-0.38	25.89	33	PASS
n41	30	100	509202	1@1	DFT_BPSK	25.42	-0.38	25.04	33	PASS
n41	30	100	509202	1@271	DFT_BPSK	25.36	-0.38	24.98	33	PASS
n41	30	100	509202	135@67	DFT_QPSK	26.29	-0.38	25.91	33	PASS
n41	30	100	509202	1@1	DFT_QPSK	25.27	-0.38	24.89	33	PASS
n41	30	100	509202	1@271	DFT_QPSK	25.19	-0.38	24.81	33	PASS
n41	30	100	509202	135@67	DFT_QAM16	25.29	-0.38	24.91	33	PASS
n41	30	100	509202	1@1	DFT_QAM16	24.89	-0.38	24.51	33	PASS
n41	30	100	509202	1@271	DFT_QAM16	24.64	-0.38	24.26	33	PASS
n41	30	100	509202	135@67	DFT_QAM64	23.81	-0.38	23.43	33	PASS
n41	30	100	509202	1@1	DFT_QAM64	22.98	-0.38	22.6	33	PASS
n41	30	100	509202	1@271	DFT_QAM64	22.82	-0.38	22.44	33	PASS
n41	30	100	509202	135@67	DFT_QAM256	21.91	-0.38	21.53	33	PASS

n41	30	100	509202	1@1	DFT_QAM256	21.15	-0.38	20.77	33	PASS
n41	30	100	509202	1@271	DFT_QAM256	21.16	-0.38	20.78	33	PASS
n41	30	100	509202	137@68	CP_QPSK	24.81	-0.38	24.43	33	PASS
n41	30	100	509202	1@1	CP_QPSK	23.93	-0.38	23.55	33	PASS
n41	30	100	509202	1@271	CP_QPSK	23.76	-0.38	23.38	33	PASS
n41	30	100	509202	137@68	CP_QAM16	24.25	-0.38	23.87	33	PASS
n41	30	100	509202	1@1	CP_QAM16	23.86	-0.38	23.48	33	PASS
n41	30	100	509202	1@271	CP_QAM16	23.81	-0.38	23.43	33	PASS
n41	30	100	509202	137@68	CP_QAM64	22.73	-0.38	22.35	33	PASS
n41	30	100	509202	1@1	CP_QAM64	21.92	-0.38	21.54	33	PASS
n41	30	100	509202	1@271	CP_QAM64	21.83	-0.38	21.45	33	PASS
n41	30	100	509202	137@68	CP_QAM256	19.81	-0.38	19.43	33	PASS
n41	30	100	509202	1@1	CP_QAM256	19.45	-0.38	19.07	33	PASS
n41	30	100	509202	1@271	CP_QAM256	19.08	-0.38	18.7	33	PASS
n41	30	100	518598	135@67	DFT_BPSK	26.26	-0.38	25.88	33	PASS
n41	30	100	518598	1@1	DFT_BPSK	25.31	-0.38	24.93	33	PASS
n41	30	100	518598	1@271	DFT_BPSK	25.33	-0.38	24.95	33	PASS
n41	30	100	518598	135@67	DFT_QPSK	26.32	-0.38	25.94	33	PASS
n41	30	100	518598	1@1	DFT_QPSK	25.49	-0.38	25.11	33	PASS
n41	30	100	518598	1@271	DFT_QPSK	25.51	-0.38	25.13	33	PASS
n41	30	100	518598	135@67	DFT_QAM16	25.29	-0.38	24.91	33	PASS
n41	30	100	518598	1@1	DFT_QAM16	24.62	-0.38	24.24	33	PASS
n41	30	100	518598	1@271	DFT_QAM16	24.58	-0.38	24.2	33	PASS
n41	30	100	518598	135@67	DFT_QAM64	23.95	-0.38	23.57	33	PASS
n41	30	100	518598	1@1	DFT_QAM64	22.84	-0.38	22.46	33	PASS
n41	30	100	518598	1@271	DFT_QAM64	22.83	-0.38	22.45	33	PASS
n41	30	100	518598	135@67	DFT_QAM256	21.92	-0.38	21.54	33	PASS
n41	30	100	518598	1@1	DFT_QAM256	21.08	-0.38	20.7	33	PASS
n41	30	100	518598	1@271	DFT_QAM256	21.00	-0.38	20.62	33	PASS
n41	30	100	518598	137@68	CP_QPSK	24.81	-0.38	24.43	33	PASS
n41	30	100	518598	1@1	CP_QPSK	23.72	-0.38	23.34	33	PASS
n41	30	100	518598	1@271	CP_QPSK	23.69	-0.38	23.31	33	PASS
n41	30	100	518598	137@68	CP_QAM16	24.32	-0.38	23.94	33	PASS
n41	30	100	518598	1@1	CP_QAM16	23.79	-0.38	23.41	33	PASS
n41	30	100	518598	1@271	CP_QAM16	23.72	-0.38	23.34	33	PASS
n41	30	100	518598	137@68	CP_QAM64	22.81	-0.38	22.43	33	PASS
n41	30	100	518598	1@1	CP_QAM64	21.74	-0.38	21.36	33	PASS
n41	30	100	518598	1@271	CP_QAM64	21.71	-0.38	21.33	33	PASS
n41	30	100	518598	137@68	CP_QAM256	19.88	-0.38	19.5	33	PASS
n41	30	100	518598	1@1	CP_QAM256	18.78	-0.38	18.4	33	PASS
n41	30	100	518598	1@271	CP_QAM256	18.76	-0.38	18.38	33	PASS
n41	30	100	528000	135@67	DFT_BPSK	26.16	-0.38	25.78	33	PASS
n41	30	100	528000	1@1	DFT_BPSK	25.37	-0.38	24.99	33	PASS
n41	30	100	528000	1@271	DFT_BPSK	25.42	-0.38	25.04	33	PASS

n41	30	100	528000	135@67	DFT_QPSK	26.20	-0.38	25.82	33	PASS
n41	30	100	528000	1@1	DFT_QPSK	25.27	-0.38	24.89	33	PASS
n41	30	100	528000	1@271	DFT_QPSK	25.16	-0.38	24.78	33	PASS
n41	30	100	528000	135@67	DFT_QAM16	25.24	-0.38	24.86	33	PASS
n41	30	100	528000	1@1	DFT_QAM16	24.57	-0.38	24.19	33	PASS
n41	30	100	528000	1@271	DFT_QAM16	24.76	-0.38	24.38	33	PASS
n41	30	100	528000	135@67	DFT_QAM64	23.77	-0.38	23.39	33	PASS
n41	30	100	528000	1@1	DFT_QAM64	23.13	-0.38	22.75	33	PASS
n41	30	100	528000	1@271	DFT_QAM64	23.15	-0.38	22.77	33	PASS
n41	30	100	528000	135@67	DFT_QAM256	21.80	-0.38	21.42	33	PASS
n41	30	100	528000	1@1	DFT_QAM256	20.93	-0.38	20.55	33	PASS
n41	30	100	528000	1@271	DFT_QAM256	21.07	-0.38	20.69	33	PASS
n41	30	100	528000	137@68	CP_QPSK	24.68	-0.38	24.3	33	PASS
n41	30	100	528000	1@1	CP_QPSK	23.58	-0.38	23.2	33	PASS
n41	30	100	528000	1@271	CP_QPSK	23.60	-0.38	23.22	33	PASS
n41	30	100	528000	137@68	CP_QAM16	24.24	-0.38	23.86	33	PASS
n41	30	100	528000	1@1	CP_QAM16	23.57	-0.38	23.19	33	PASS
n41	30	100	528000	1@271	CP_QAM16	23.52	-0.38	23.14	33	PASS
n41	30	100	528000	137@68	CP_QAM64	22.73	-0.38	22.35	33	PASS
n41	30	100	528000	1@1	CP_QAM64	22.05	-0.38	21.67	33	PASS
n41	30	100	528000	1@271	CP_QAM64	22.05	-0.38	21.67	33	PASS
n41	30	100	528000	137@68	CP_QAM256	19.79	-0.38	19.41	33	PASS
n41	30	100	528000	1@1	CP_QAM256	19.51	-0.38	19.13	33	PASS
n41	30	100	528000	1@271	CP_QAM256	19.58	-0.38	19.2	33	PASS

2 Frequency stability for NR FR1

NT:

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Voltage (Vdc)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n41	15	50	518601	135@67	DFT_BPSK	3.87	-7.36	0.00	Within authorized band for 5G NR n41	PASS
n41	15	50	518601	135@67	DFT_BPSK	3.45	-11.72	0.00		PASS
n41	15	50	518601	135@67	DFT_BPSK	4.45	-6.93	0.00		PASS
n41	15	50	518601	135@67	DFT_QPSK	3.87	-7.03	0.00		PASS
n41	15	50	518601	135@67	DFT_QPSK	3.45	-10.13	0.00		PASS
n41	15	50	518601	135@67	DFT_QPSK	4.45	-10.48	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
n41	15	50	518601	135@67	DFT_BPSK	-30	-7.48	0.00	Within authorized band for 5G NR n41	PASS
n41	15	50	518601	135@67	DFT_BPSK	-20	-12.1	0.00		PASS
n41	15	50	518601	135@67	DFT_BPSK	-10	-7.13	0.00		PASS
n41	15	50	518601	135@67	DFT_BPSK	0	-7.22	0.00		PASS
n41	15	50	518601	135@67	DFT_BPSK	10	-10.11	0.00		PASS
n41	15	50	518601	135@67	DFT_BPSK	20	-10.18	0.00		PASS
n41	15	50	518601	135@67	DFT_BPSK	30	-7.49	0.00		PASS
n41	15	50	518601	135@67	DFT_BPSK	40	-12.55	0.00		PASS
n41	15	50	518601	135@67	DFT_BPSK	50	-7.56	0.00		PASS
n41	15	50	518601	135@67	DFT_QPSK	-30	-7.32	0.00		PASS
n41	15	50	518601	135@67	DFT_QPSK	-20	-10.09	0.00		PASS
n41	15	50	518601	135@67	DFT_QPSK	-10	-10.29	0.00		PASS
n41	15	50	518601	135@67	DFT_QPSK	0	-7.09	0.00		PASS
n41	15	50	518601	135@67	DFT_QPSK	10	-12.63	0.00		PASS
n41	15	50	518601	135@67	DFT_QPSK	20	-7.54	0.00		PASS
n41	15	50	518601	135@67	DFT_QPSK	30	-7.4	0.00		PASS
n41	15	50	518601	135@67	DFT_QPSK	40	-9.66	0.00		PASS
n41	15	50	518601	135@67	DFT_QPSK	50	-7.48	0.00		PASS

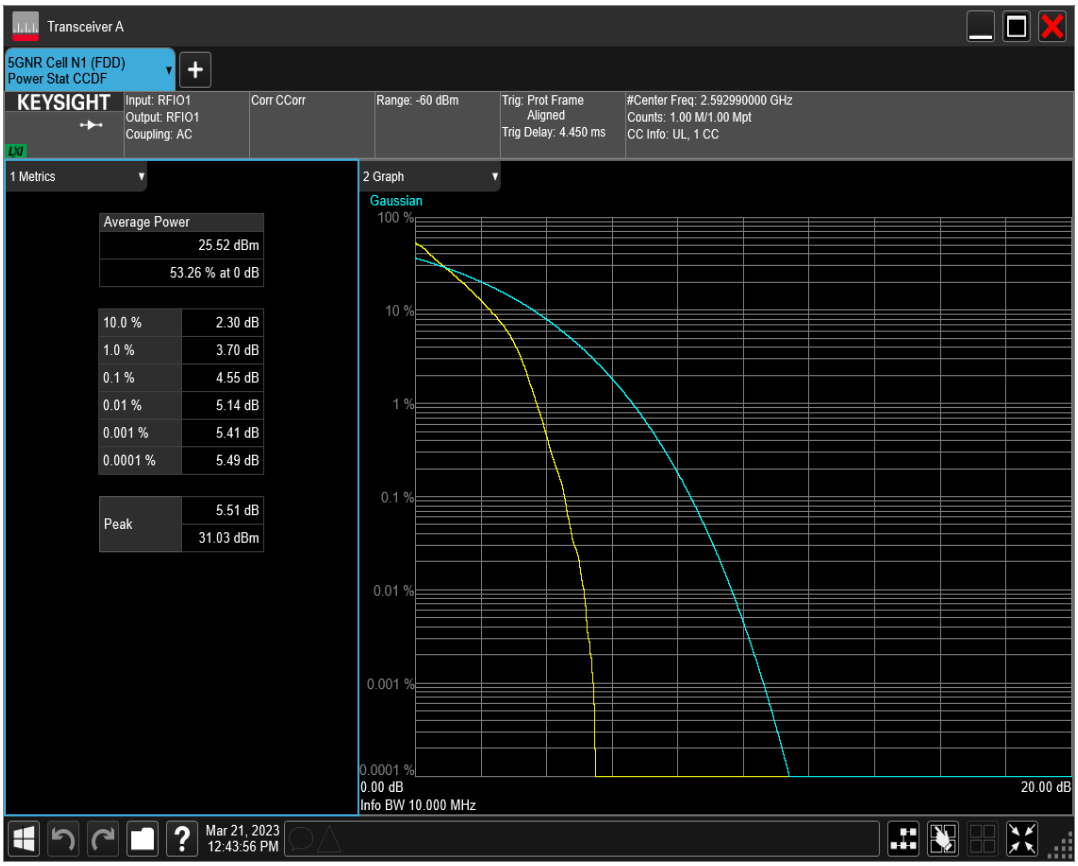
Note: Only the worst case shown in the report.

3 Peak-to-Average Ratio for NR FR1

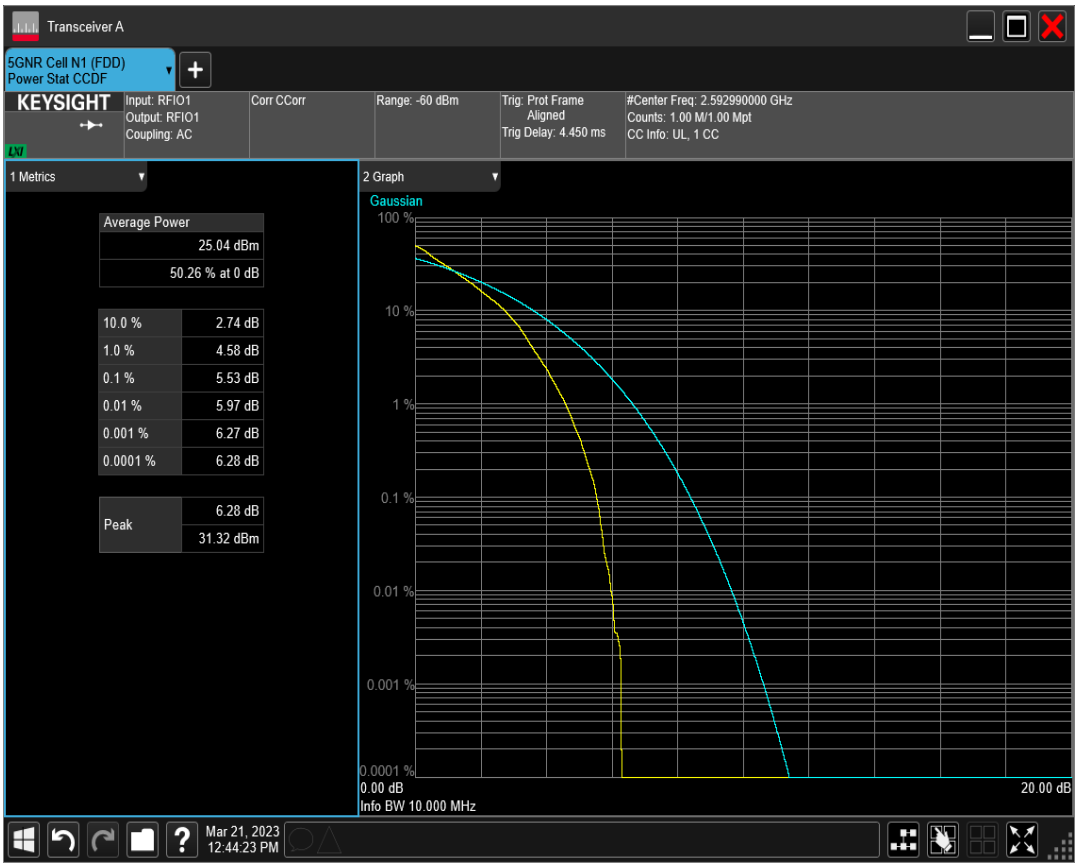
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n41	30	10	518598	24@0	DFT_BPSK	4.55	13	PASS
n41	30	10	518598	24@0	DFT_QPSK	5.53	13	PASS
n41	30	10	518598	24@0	DFT_QAM16	6.32	13	PASS
n41	30	10	518598	24@0	DFT_QAM64	6.61	13	PASS
n41	30	10	518598	24@0	DFT_QAM256	7.06	13	PASS
n41	30	15	518598	36@0	DFT_BPSK	4.54	13	PASS
n41	30	15	518598	36@0	DFT_QPSK	5.56	13	PASS
n41	30	15	518598	36@0	DFT_QAM16	6.47	13	PASS
n41	30	15	518598	36@0	DFT_QAM64	6.76	13	PASS
n41	30	15	518598	36@0	DFT_QAM256	7.25	13	PASS
n41	30	20	518598	50@0	DFT_BPSK	4.51	13	PASS
n41	30	20	518598	50@0	DFT_QPSK	5.66	13	PASS
n41	30	20	518598	50@0	DFT_QAM16	6.47	13	PASS
n41	30	20	518598	50@0	DFT_QAM64	6.71	13	PASS
n41	30	20	518598	50@0	DFT_QAM256	7.36	13	PASS
n41	30	30	518598	75@0	DFT_BPSK	4.54	13	PASS
n41	30	30	518598	75@0	DFT_QPSK	5.60	13	PASS
n41	30	30	518598	75@0	DFT_QAM16	6.41	13	PASS
n41	30	30	518598	75@0	DFT_QAM64	6.73	13	PASS
n41	30	30	518598	75@0	DFT_QAM256	7.19	13	PASS
n41	30	40	518598	100@0	DFT_BPSK	4.59	13	PASS
n41	30	40	518598	100@0	DFT_QPSK	5.67	13	PASS
n41	30	40	518598	100@0	DFT_QAM16	6.45	13	PASS
n41	30	40	518598	100@0	DFT_QAM64	6.72	13	PASS
n41	30	40	518598	100@0	DFT_QAM256	7.23	13	PASS
n41	30	50	518598	128@0	DFT_BPSK	4.91	13	PASS
n41	30	50	518598	128@0	DFT_QPSK	5.67	13	PASS
n41	30	50	518598	128@0	DFT_QAM16	6.43	13	PASS
n41	30	50	518598	128@0	DFT_QAM64	6.81	13	PASS
n41	30	50	518598	128@0	DFT_QAM256	7.12	13	PASS
n41	30	60	518598	162@0	DFT_BPSK	4.54	13	PASS
n41	30	60	518598	162@0	DFT_QPSK	5.47	13	PASS
n41	30	60	518598	162@0	DFT_QAM16	6.35	13	PASS
n41	30	60	518598	162@0	DFT_QAM64	6.75	13	PASS
n41	30	60	518598	162@0	DFT_QAM256	7.18	13	PASS
n41	30	80	518598	216@0	DFT_BPSK	4.84	13	PASS
n41	30	80	518598	216@0	DFT_QPSK	5.39	13	PASS
n41	30	80	518598	216@0	DFT_QAM16	6.16	13	PASS
n41	30	80	518598	216@0	DFT_QAM64	6.52	13	PASS
n41	30	80	518598	216@0	DFT_QAM256	7.07	13	PASS

n41	30	90	518598	240@0	DFT_BPSK	4.59	13	PASS
n41	30	90	518598	240@0	DFT_QPSK	5.47	13	PASS
n41	30	90	518598	240@0	DFT_QAM16	6.24	13	PASS
n41	30	90	518598	240@0	DFT_QAM64	6.48	13	PASS
n41	30	90	518598	240@0	DFT_QAM256	7.18	13	PASS
n41	30	100	518598	270@0	DFT_BPSK	4.95	13	PASS
n41	30	100	518598	270@0	DFT_QPSK	5.54	13	PASS
n41	30	100	518598	270@0	DFT_QAM16	6.23	13	PASS
n41	30	100	518598	270@0	DFT_QAM64	6.52	13	PASS
n41	30	100	518598	270@0	DFT_QAM256	7.06	13	PASS

n41 SCS=30kHz DFT_BPSK BW=10MHz Channel=518598 RB=24@0



n41 SCS=30kHz DFT_QPSK BW=10MHz Channel=518598 RB=24@0



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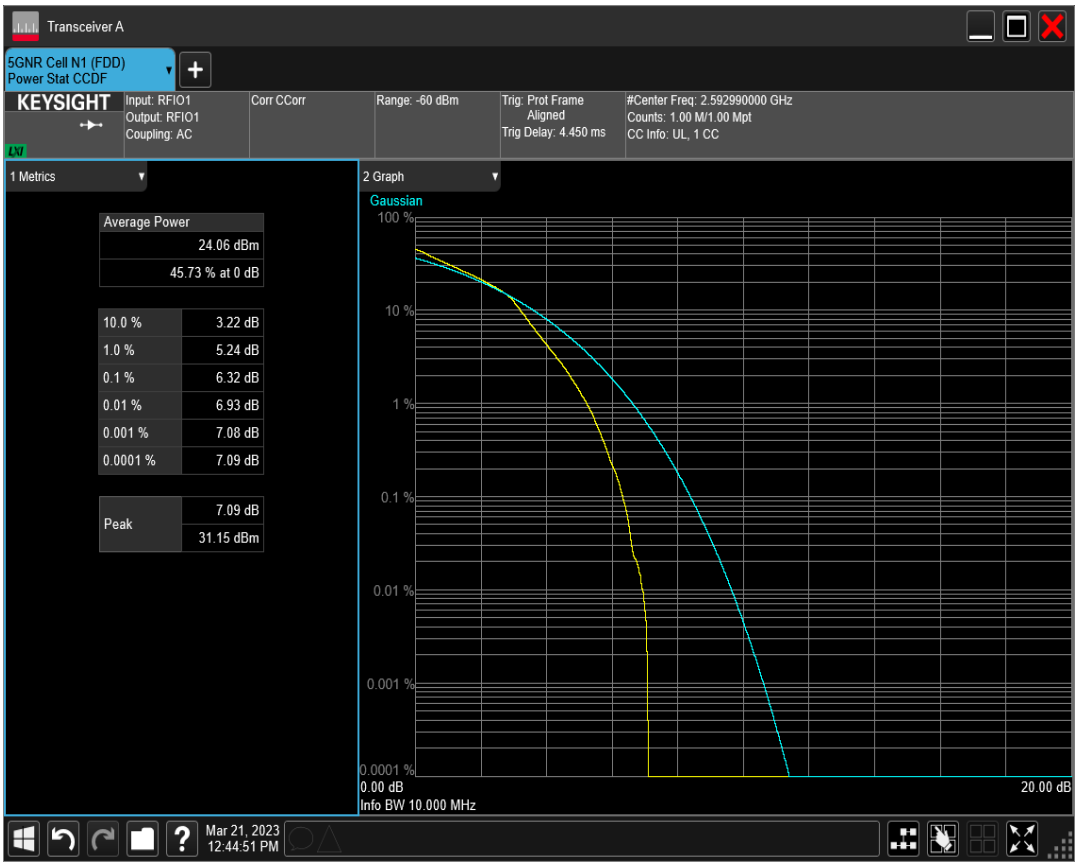

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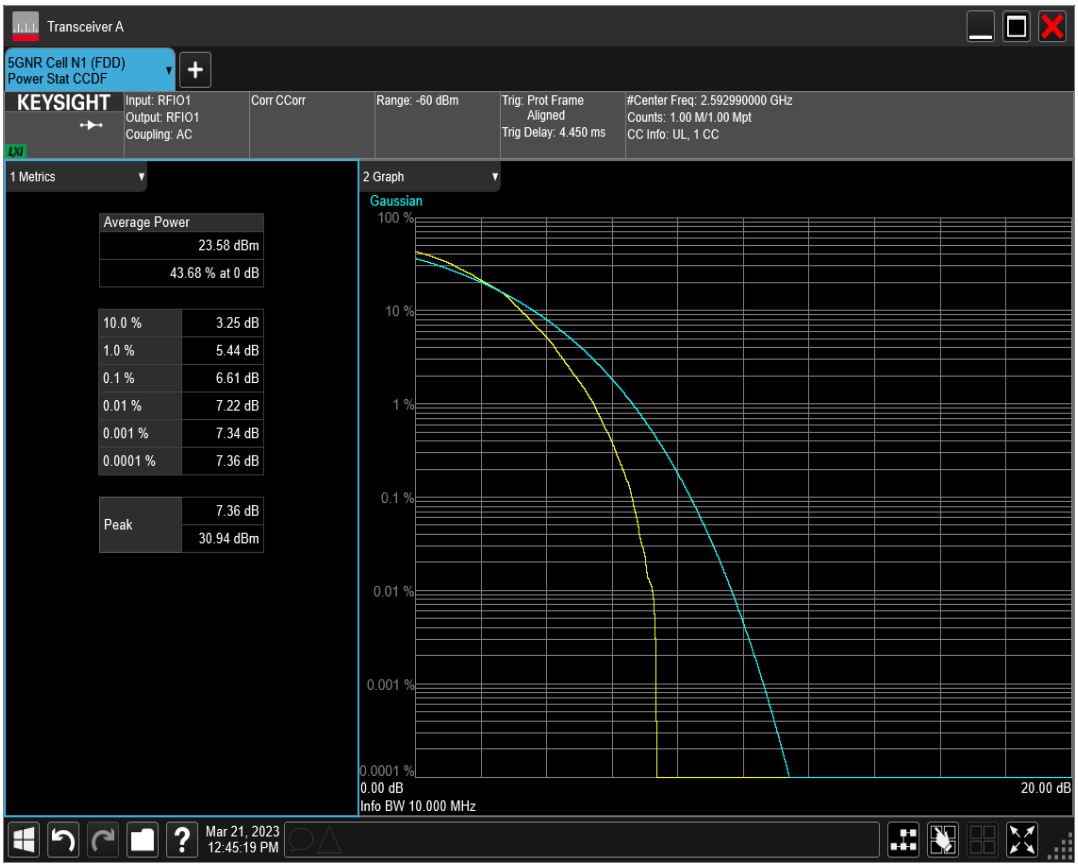

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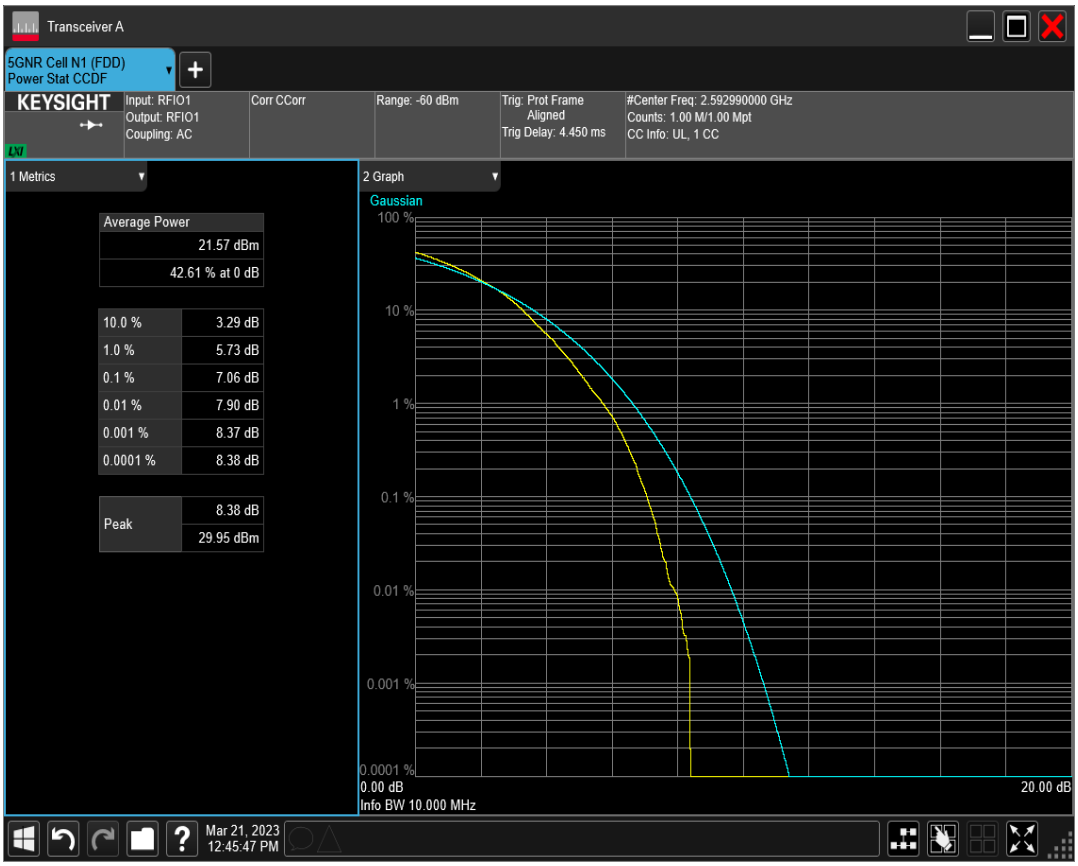

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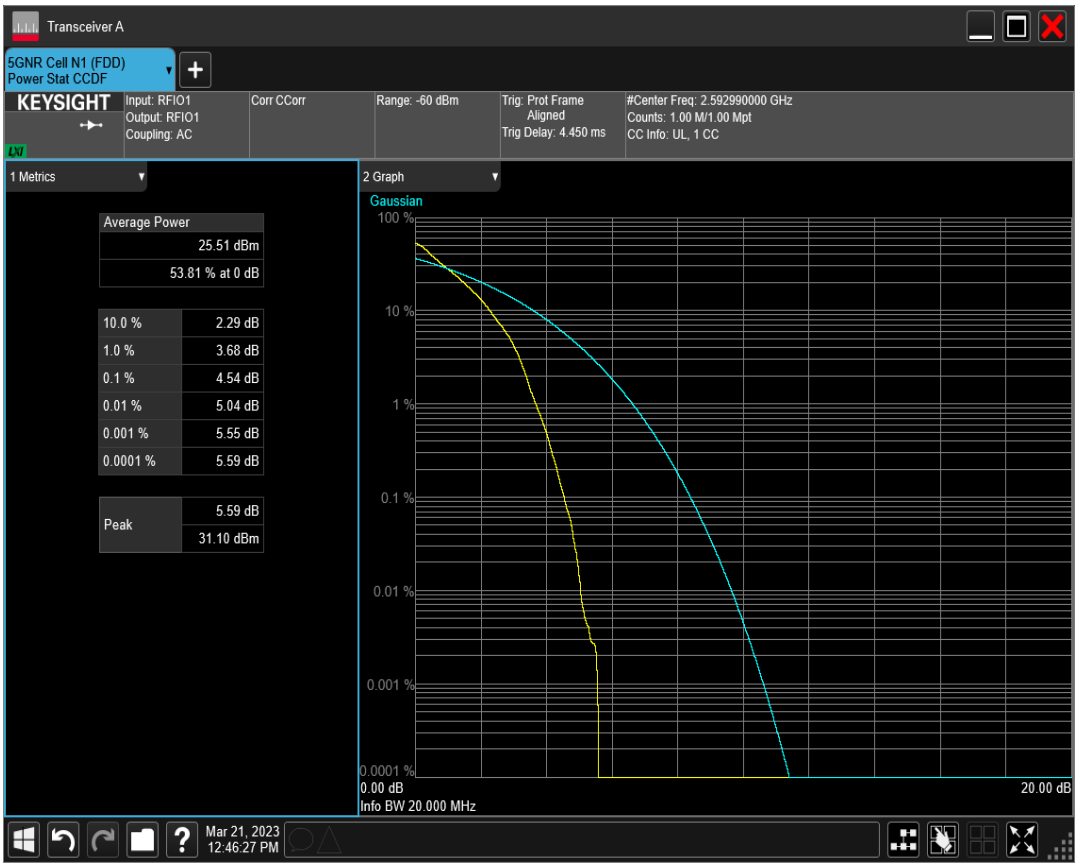

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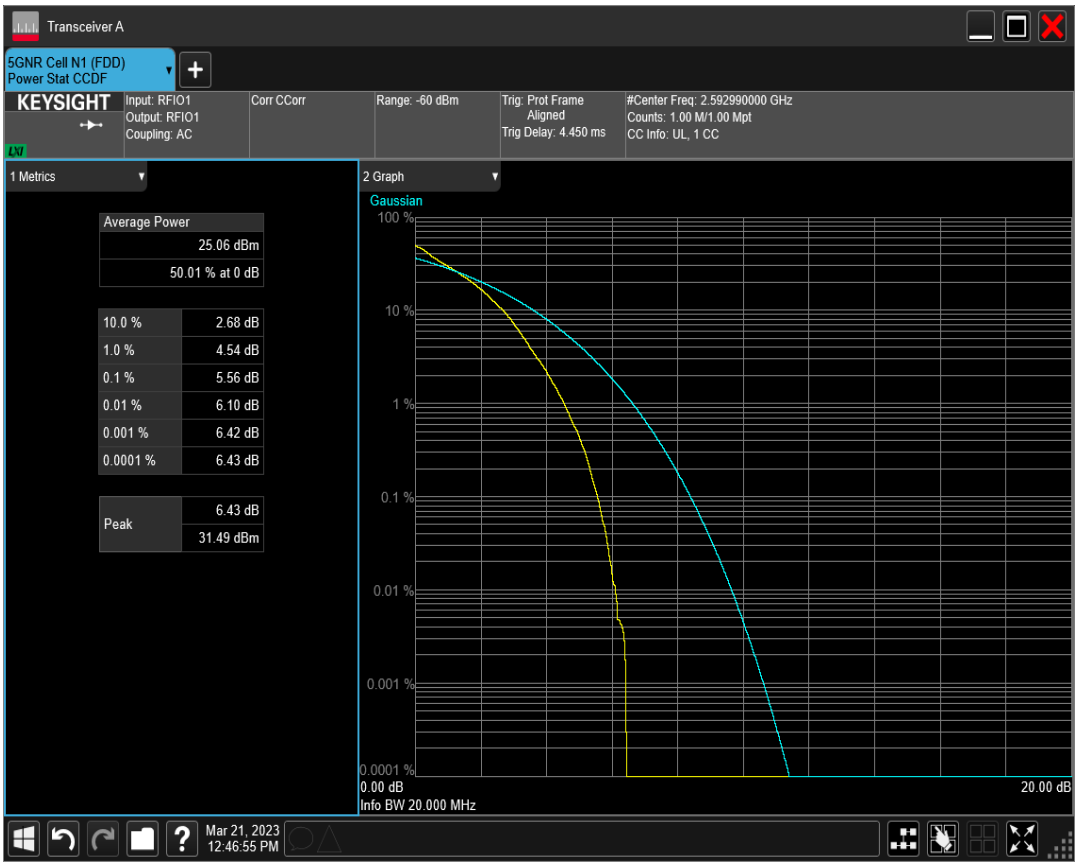

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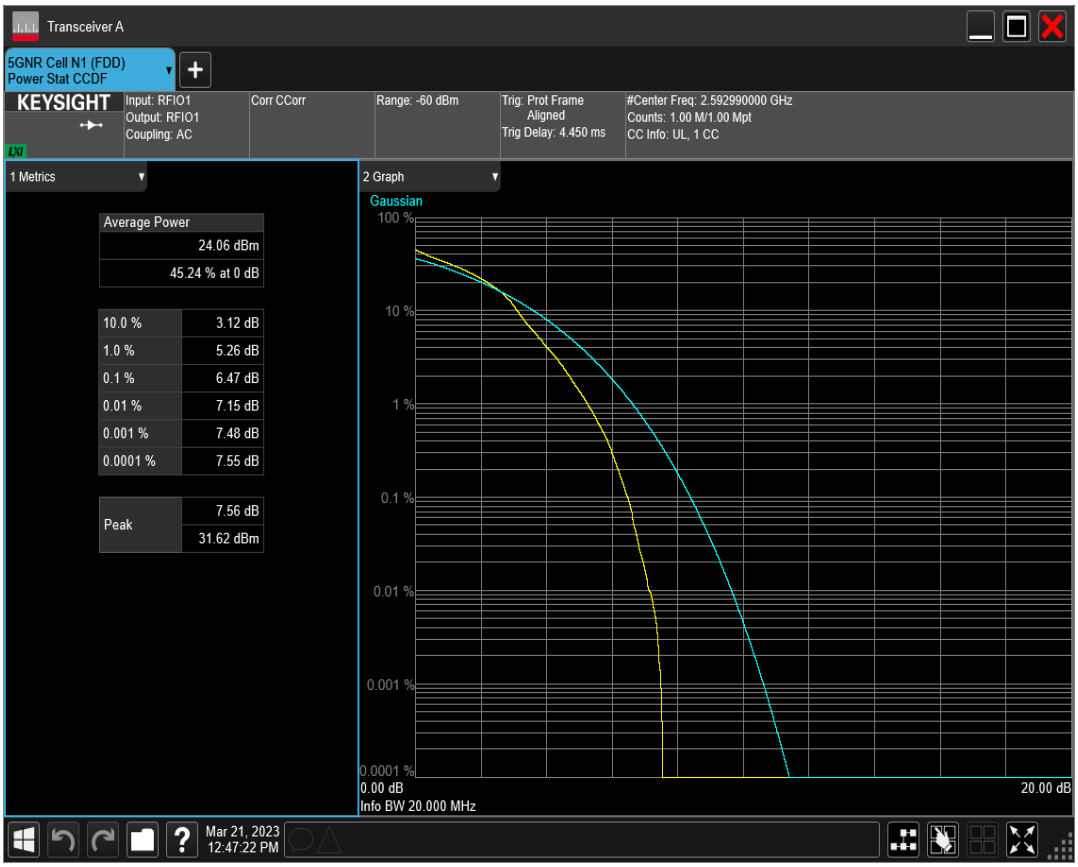

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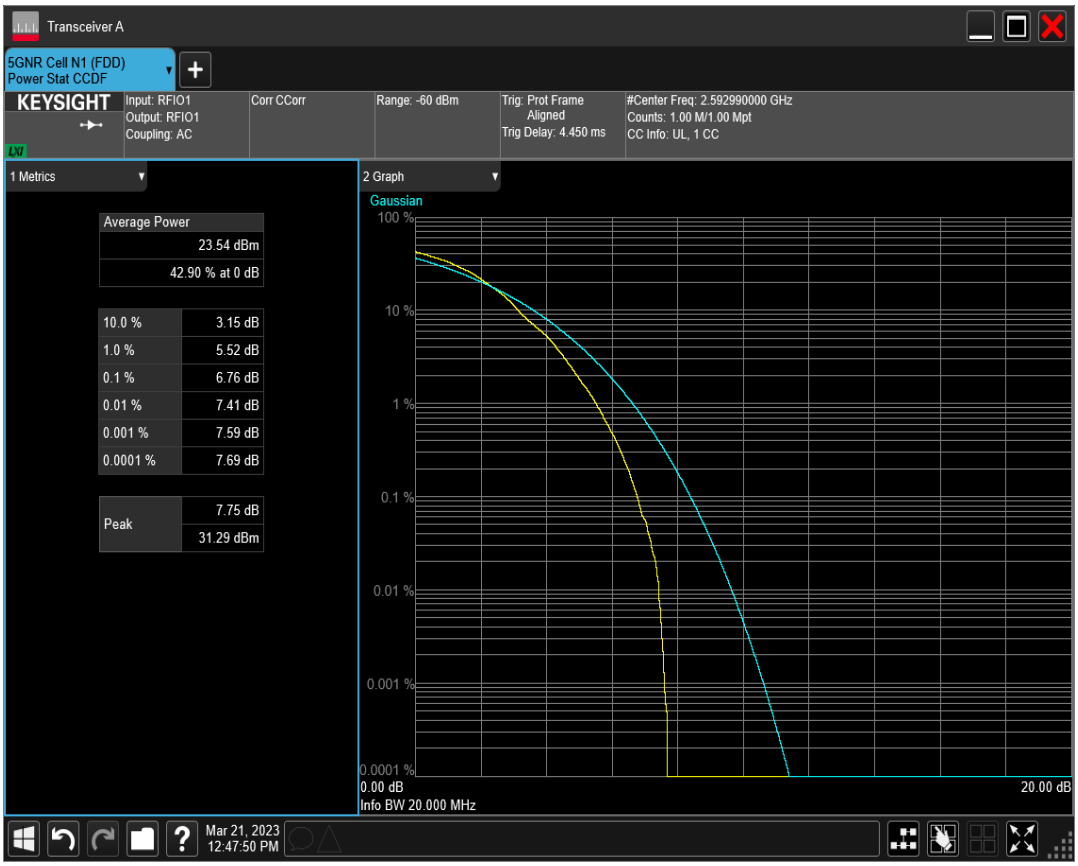

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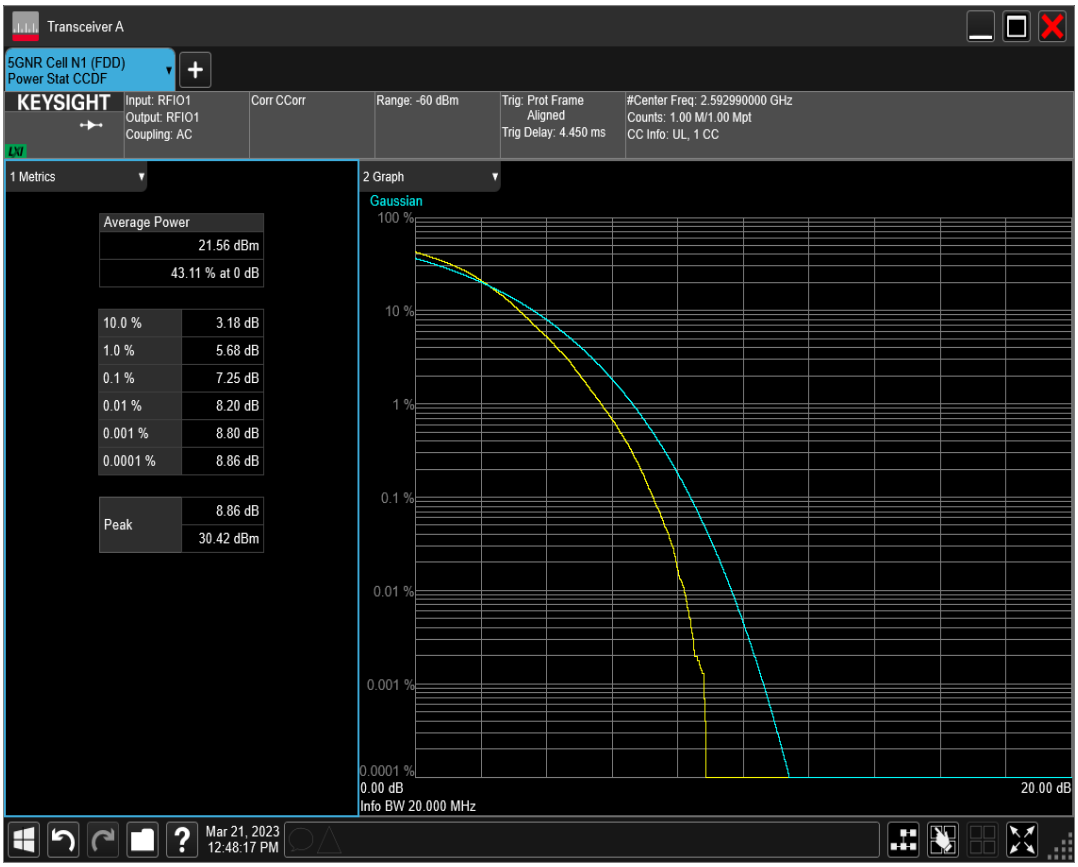

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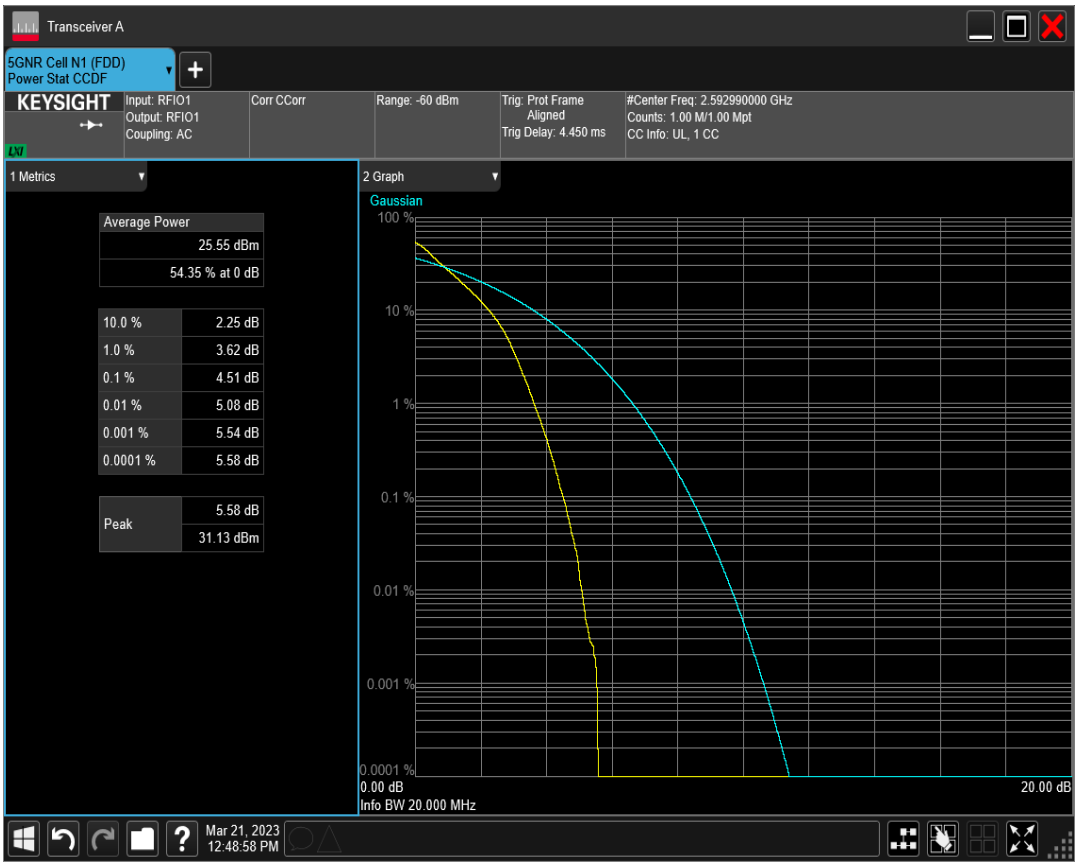
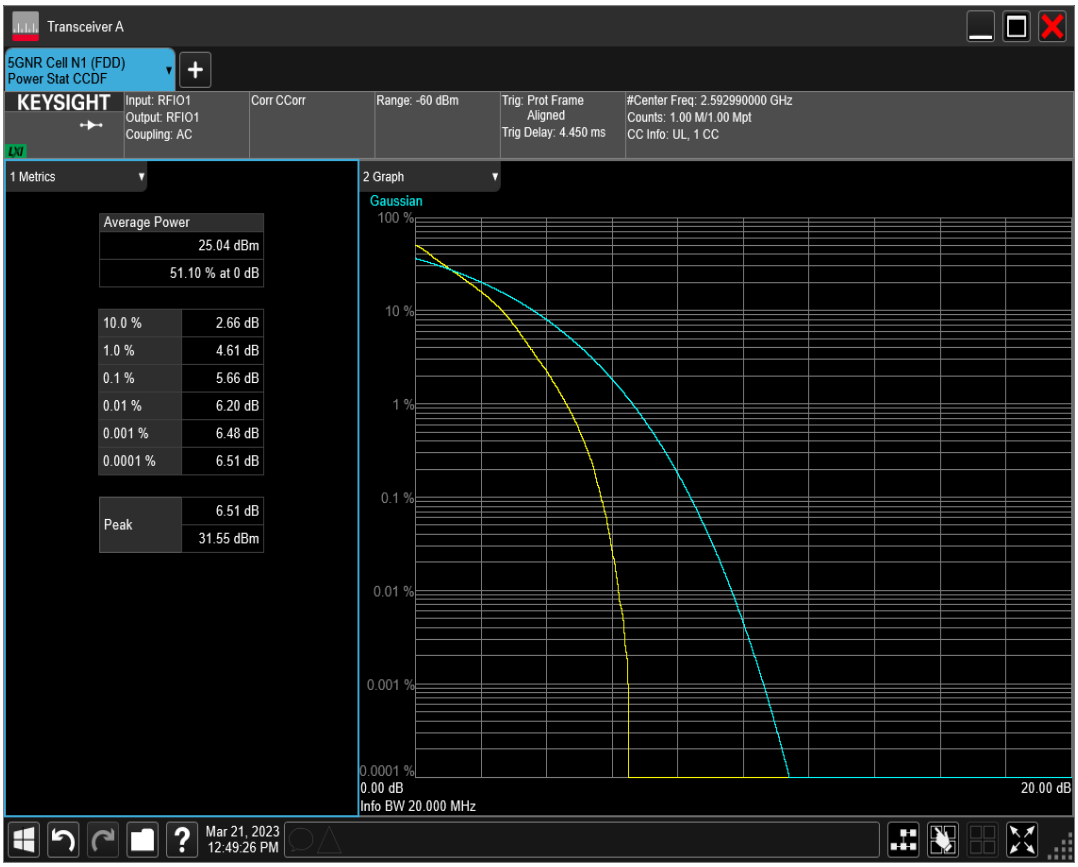


n41 SCS=30kHz DFT_QPSK BW=20MHz Channel=518598 RB=50@0



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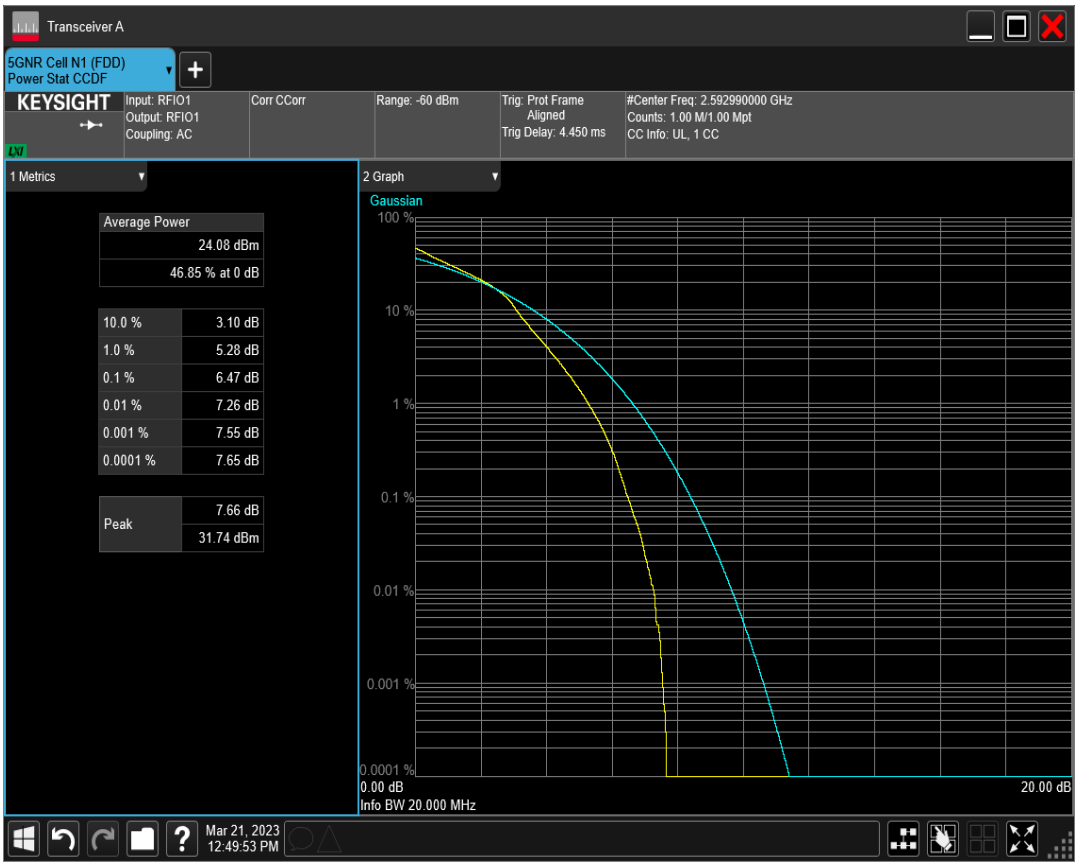

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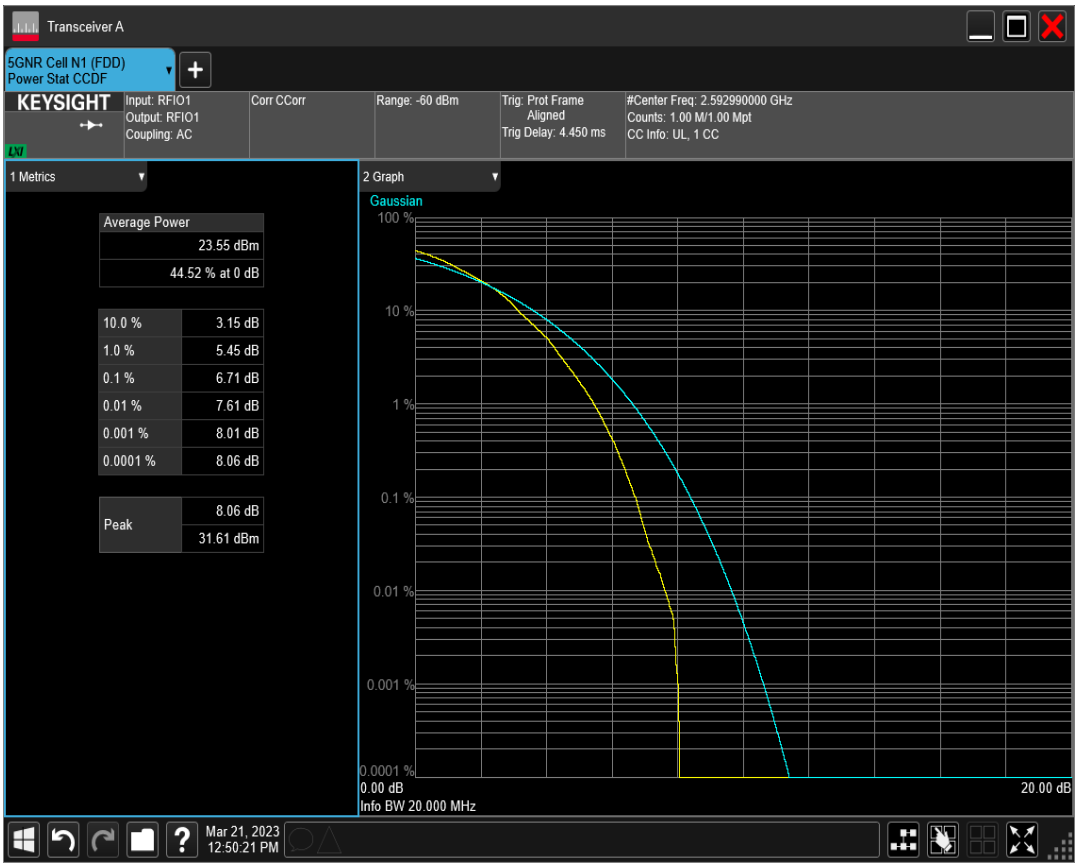
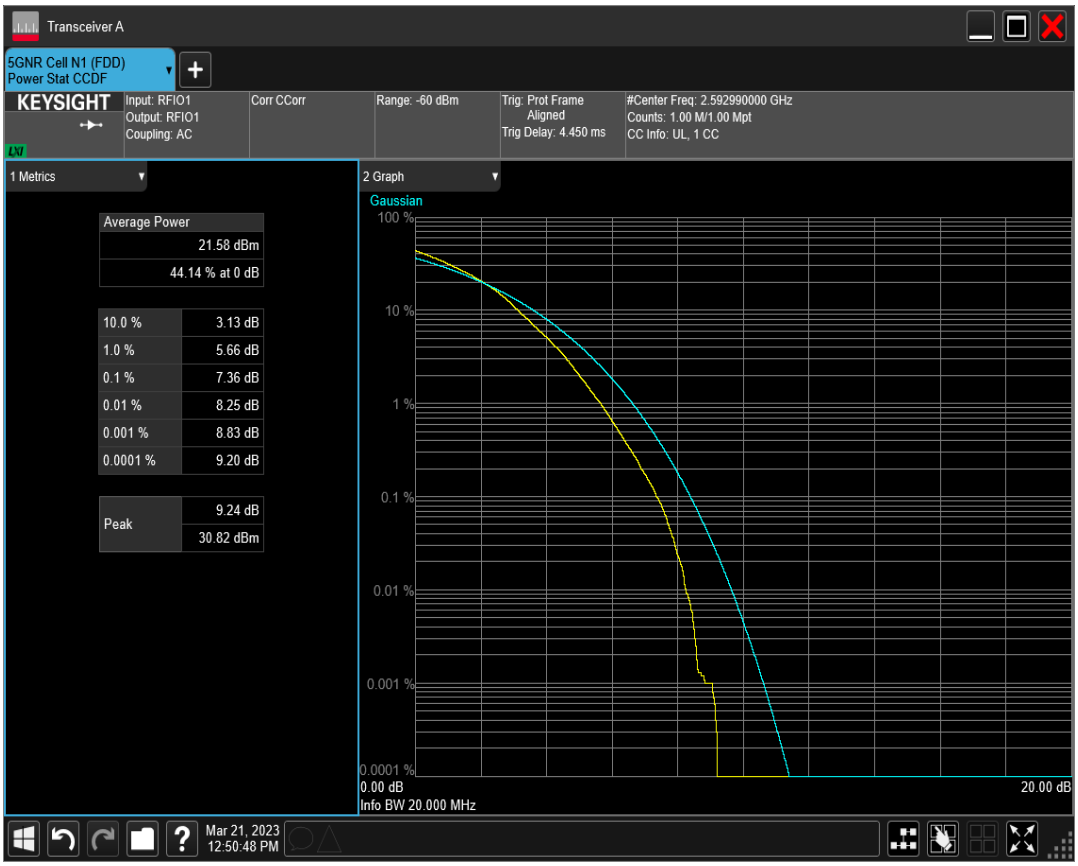
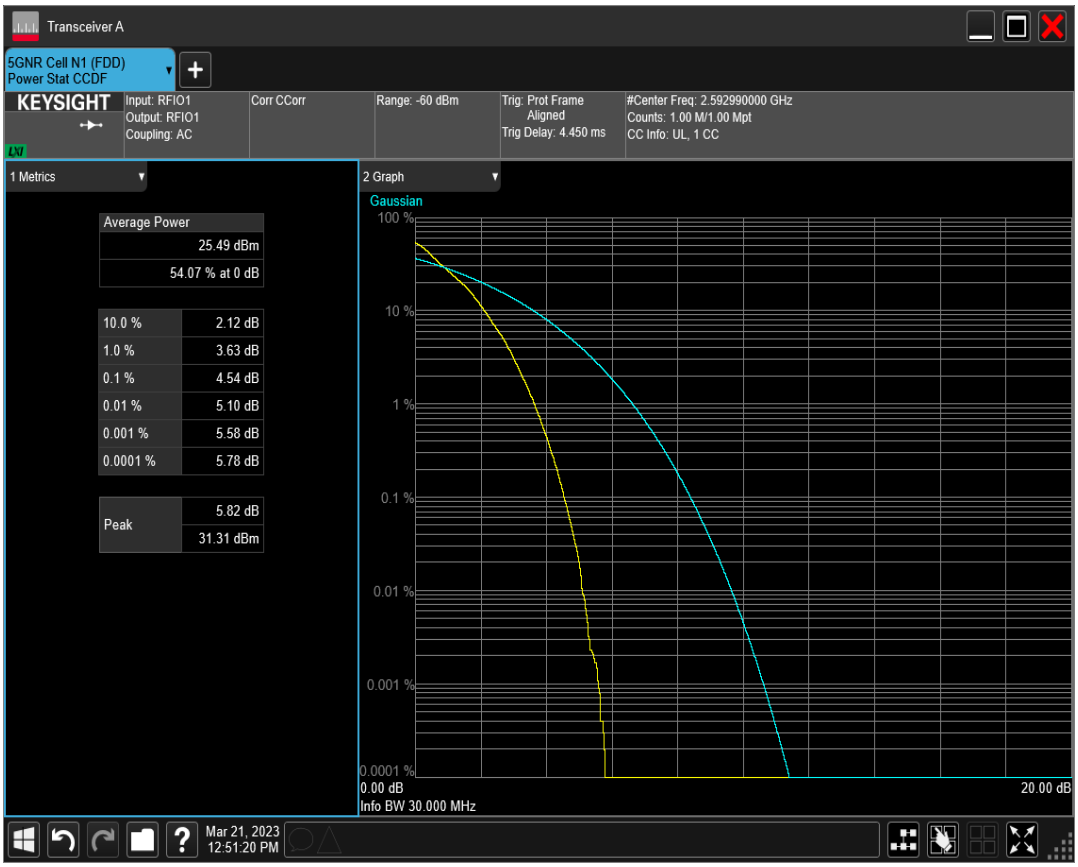


n41 SCS=30kHz DFT_QAM256 BW=20MHz Channel=518598 RB=50@0



n41 SCS=30kHz DFT_BPSK BW=30MHz Channel=518598 RB=75@0



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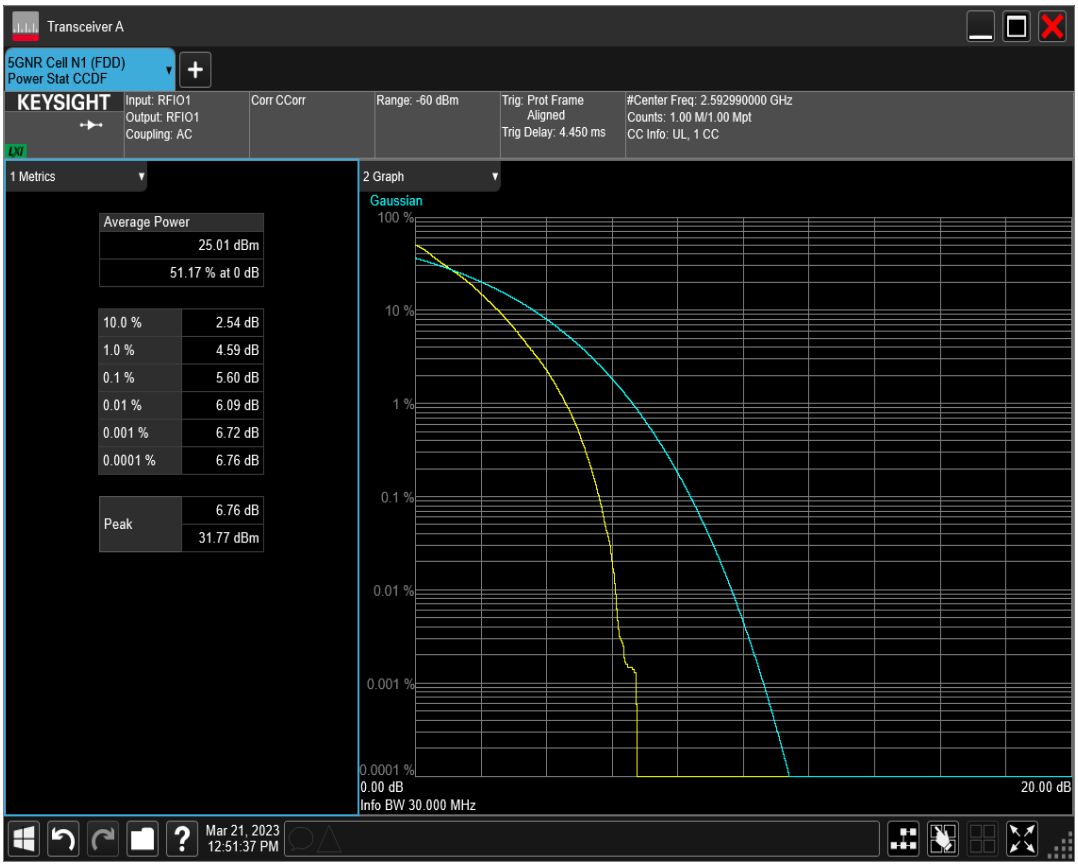
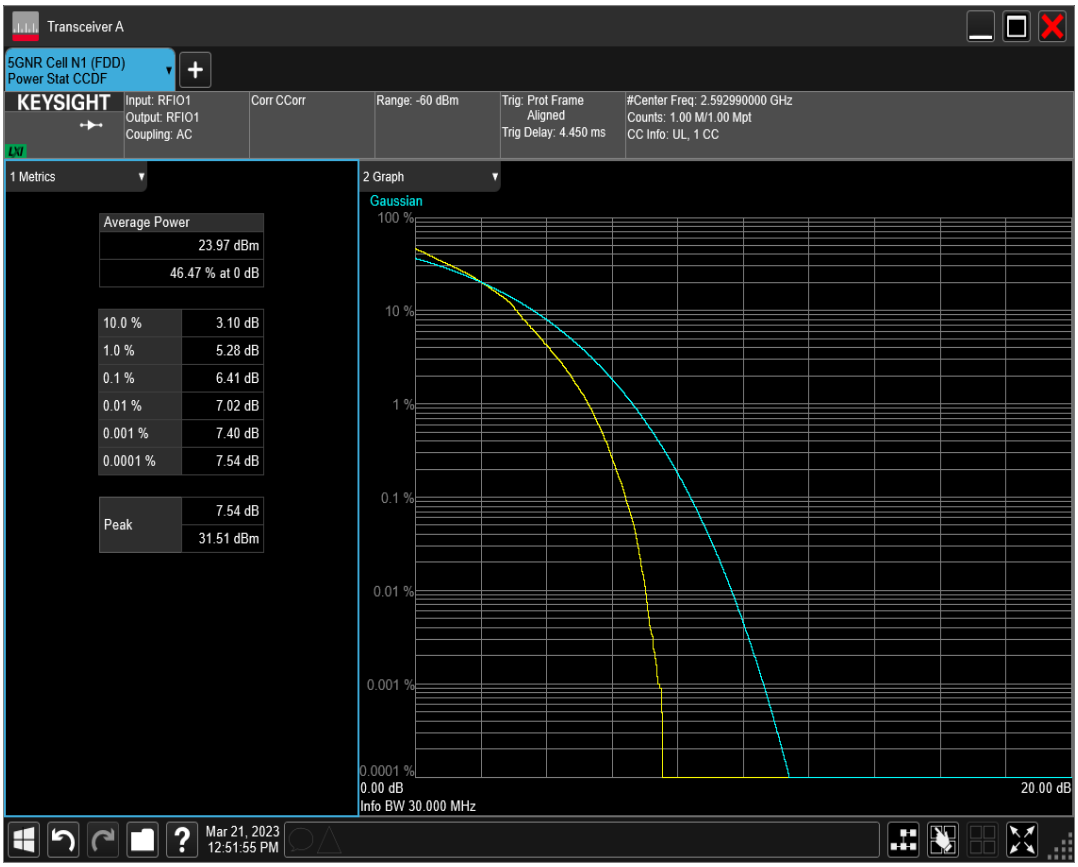
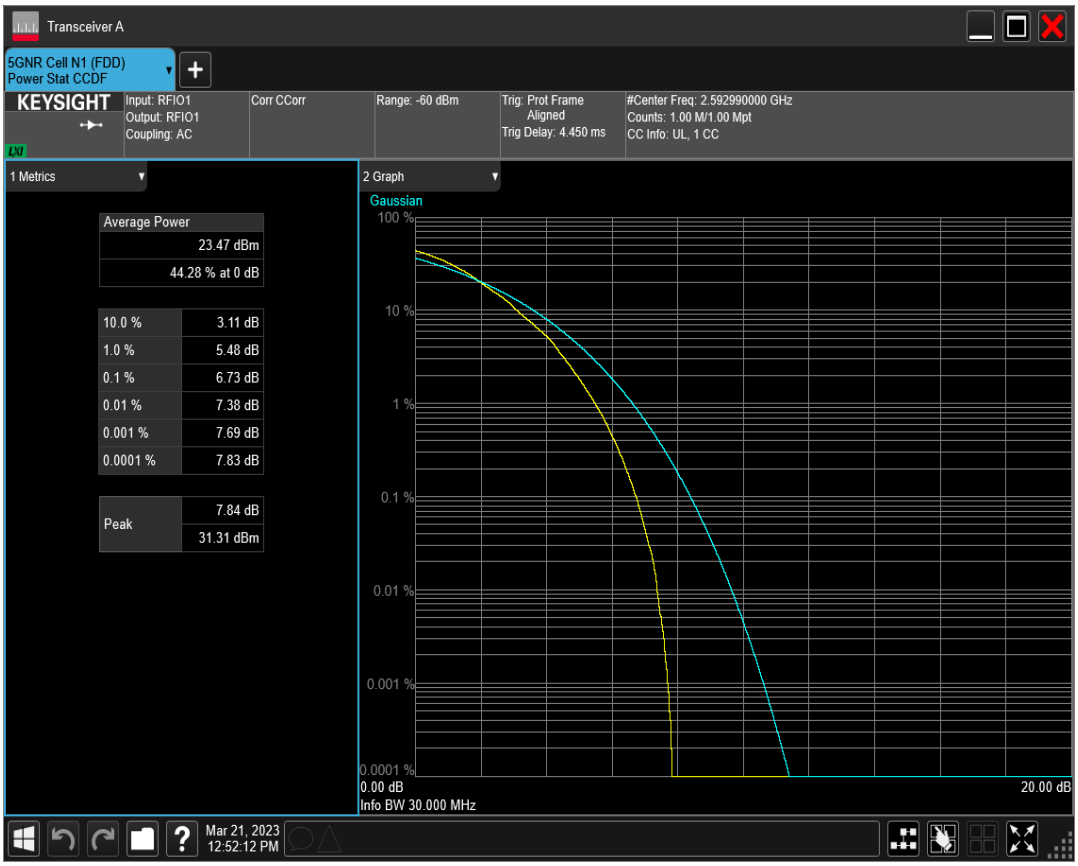


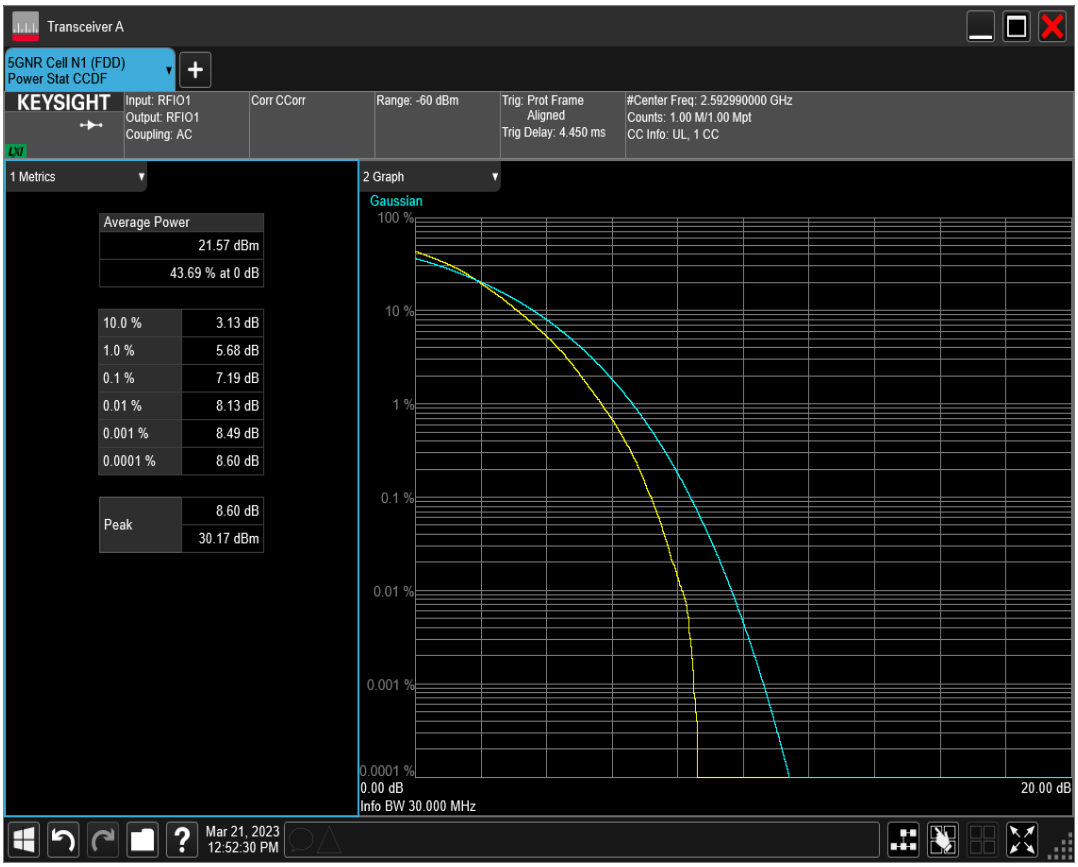
n41 SCS=30kHz DFT_QAM16 BW=30MHz Channel=518598 RB=75@0



n41 SCS=30kHz DFT_QAM64 BW=30MHz Channel=518598 RB=75@0



n41 SCS=30kHz DFT_QAM256 BW=30MHz Channel=518598 RB=75@0



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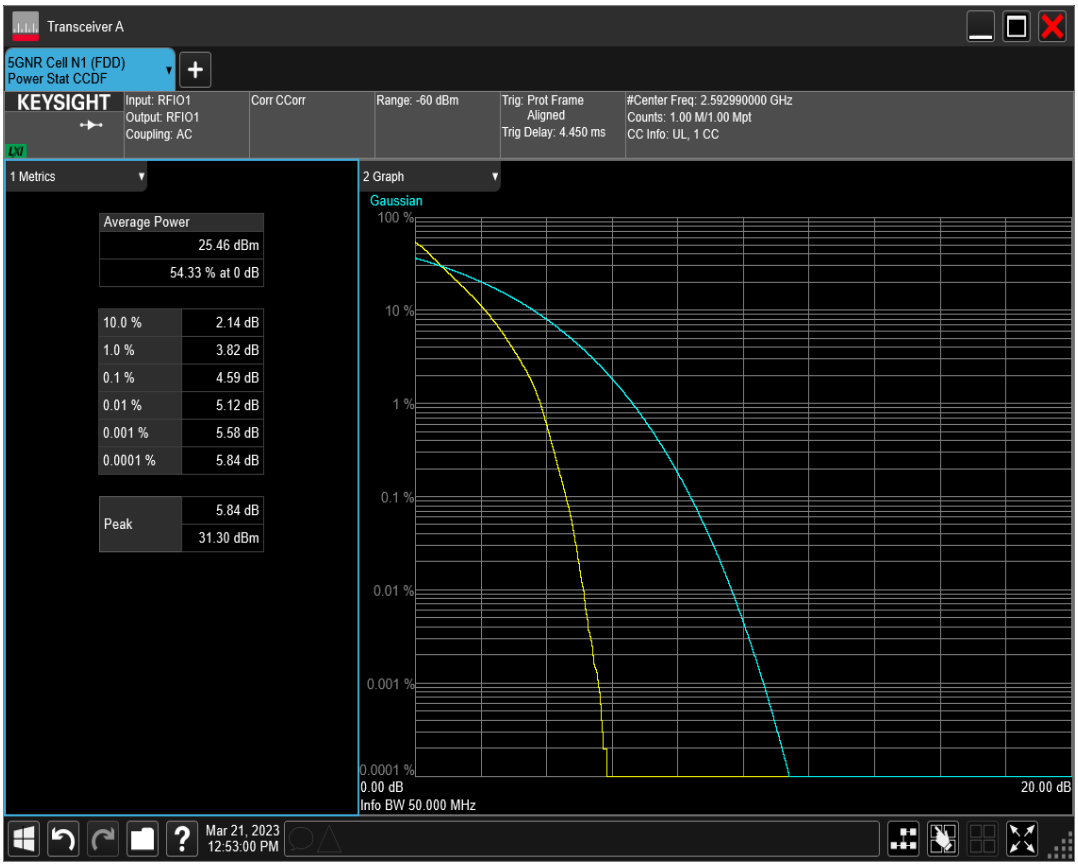

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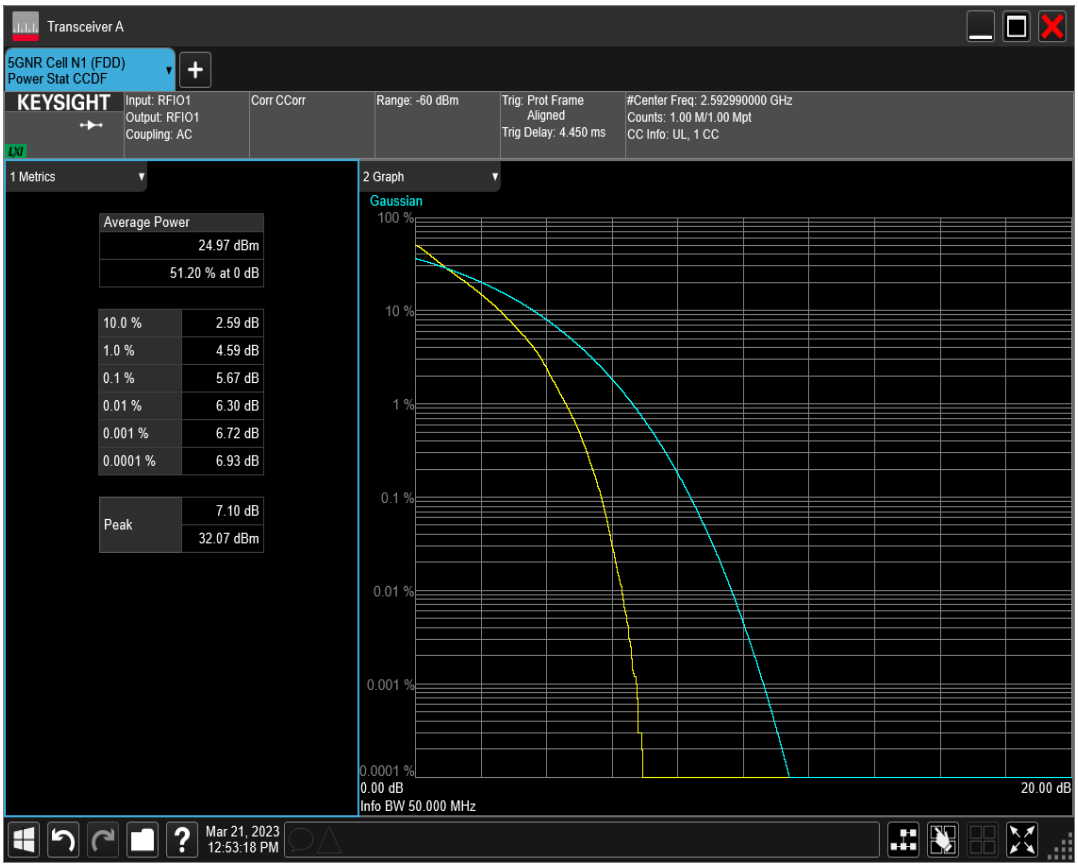

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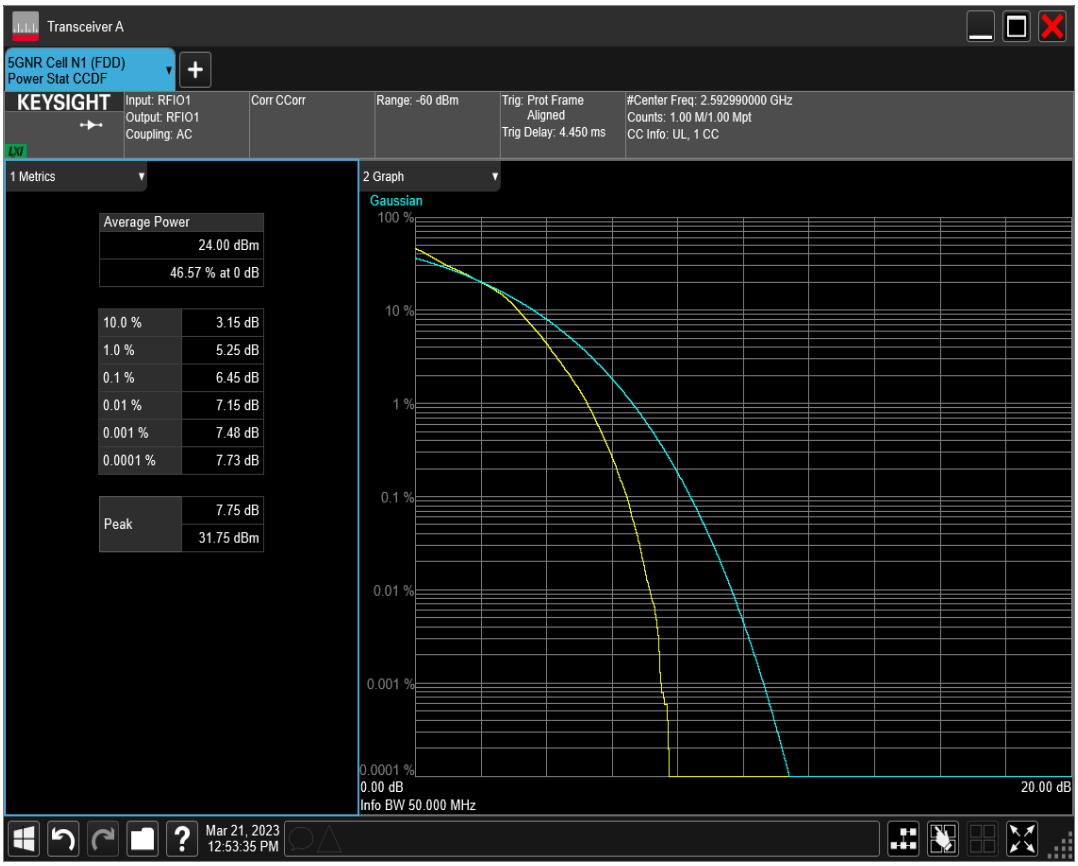

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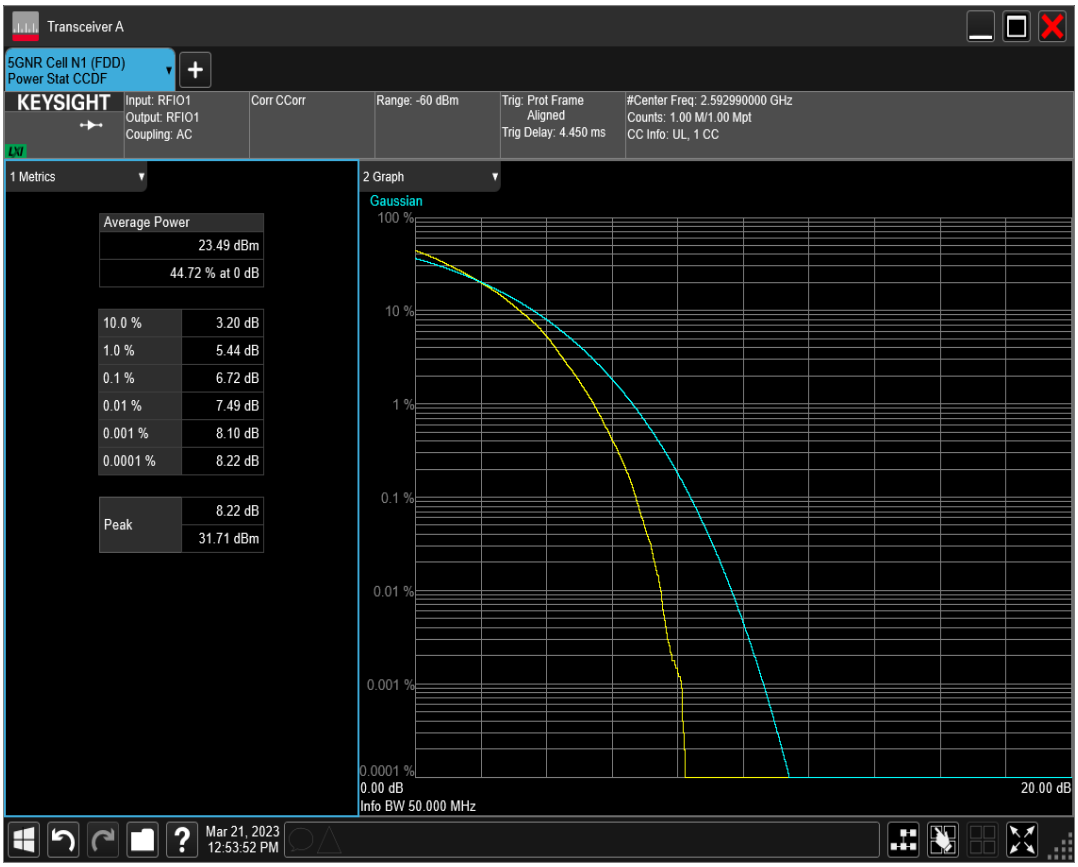
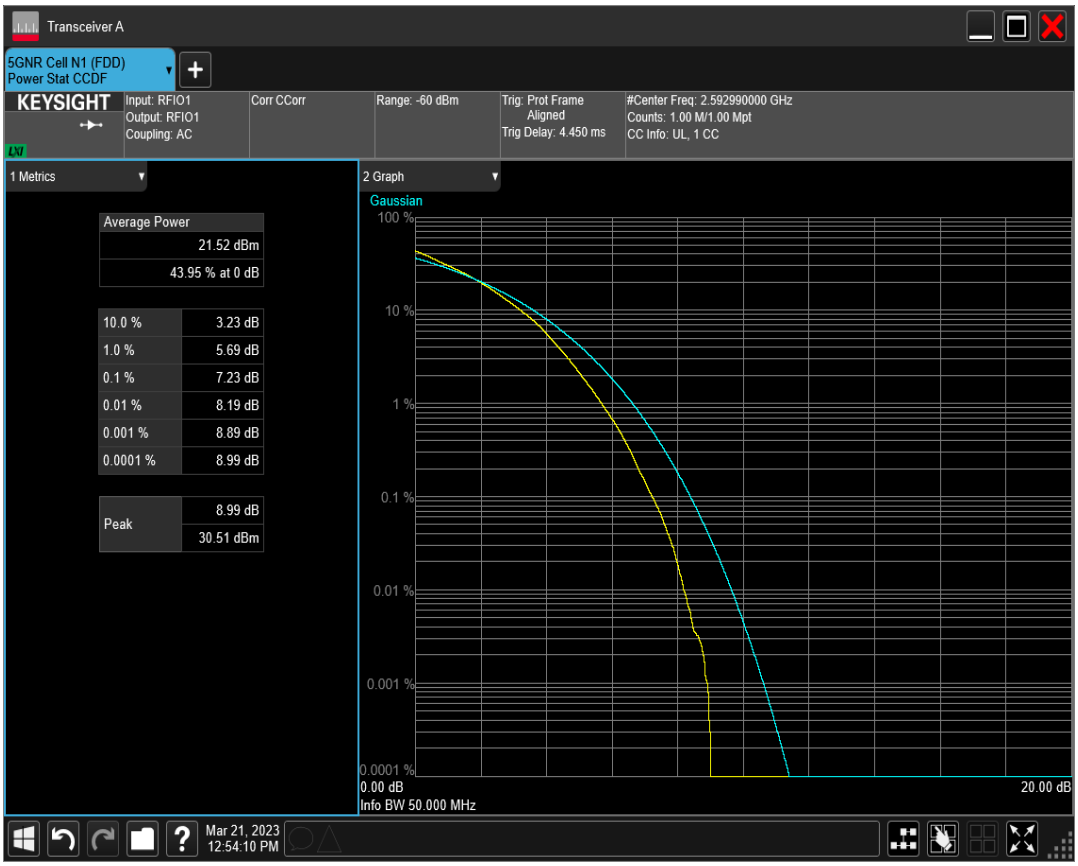
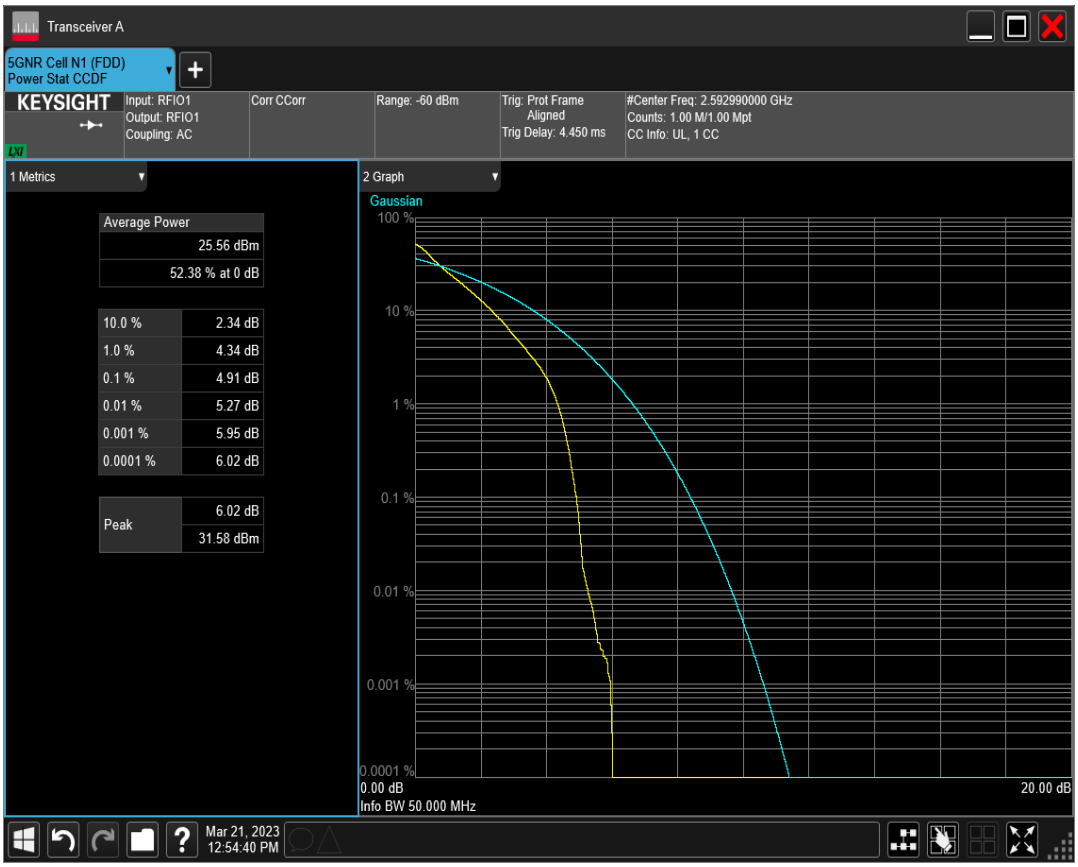


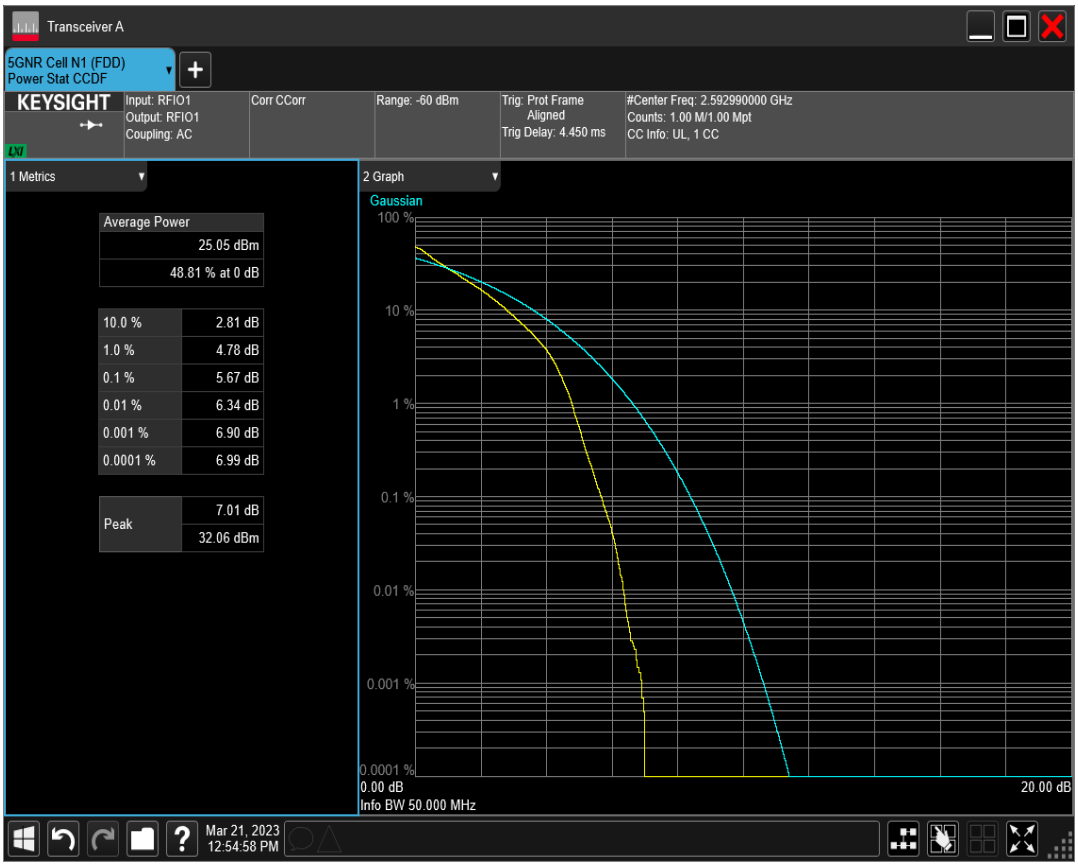
n41 SCS=30kHz DFT_QAM256 BW=40MHz Channel=518598 RB=100@0



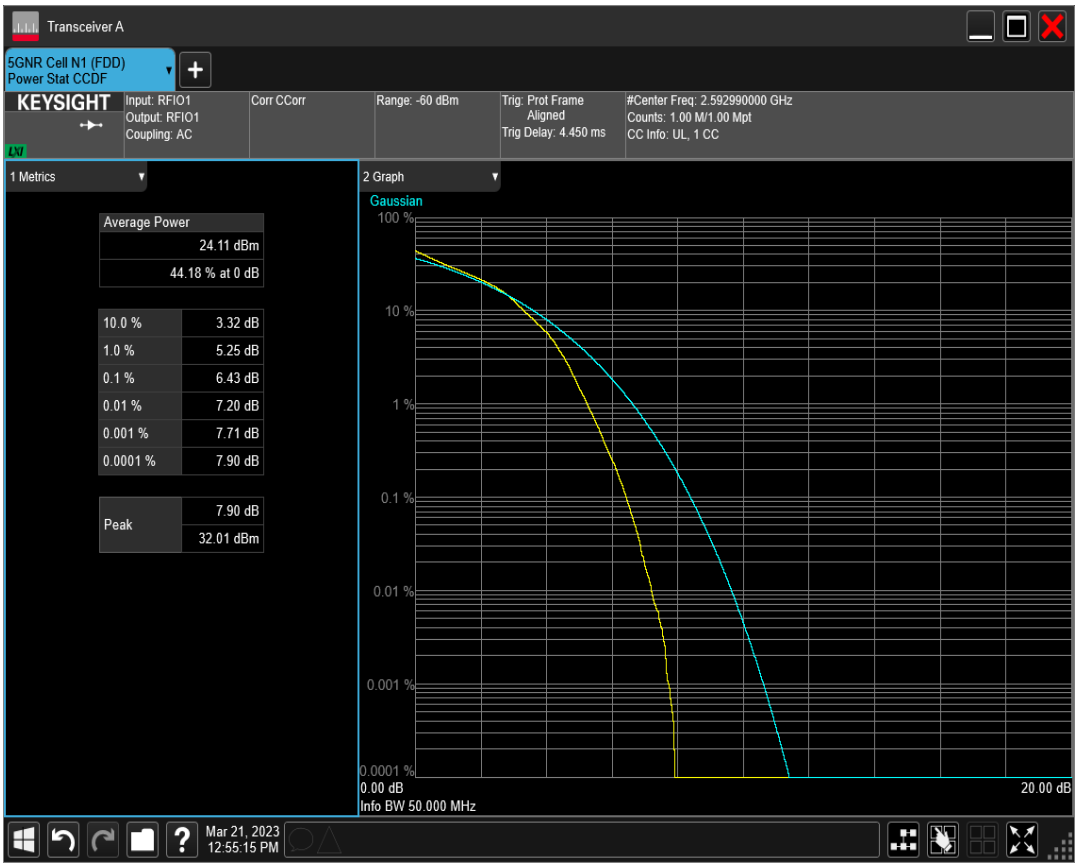
n41 SCS=30kHz DFT_BPSK BW=50MHz Channel=518598 RB=128@0



n41 SCS=30kHz DFT_QPSK BW=50MHz Channel=518598 RB=128@0



n41 SCS=30kHz DFT_QAM16 BW=50MHz Channel=518598 RB=128@0



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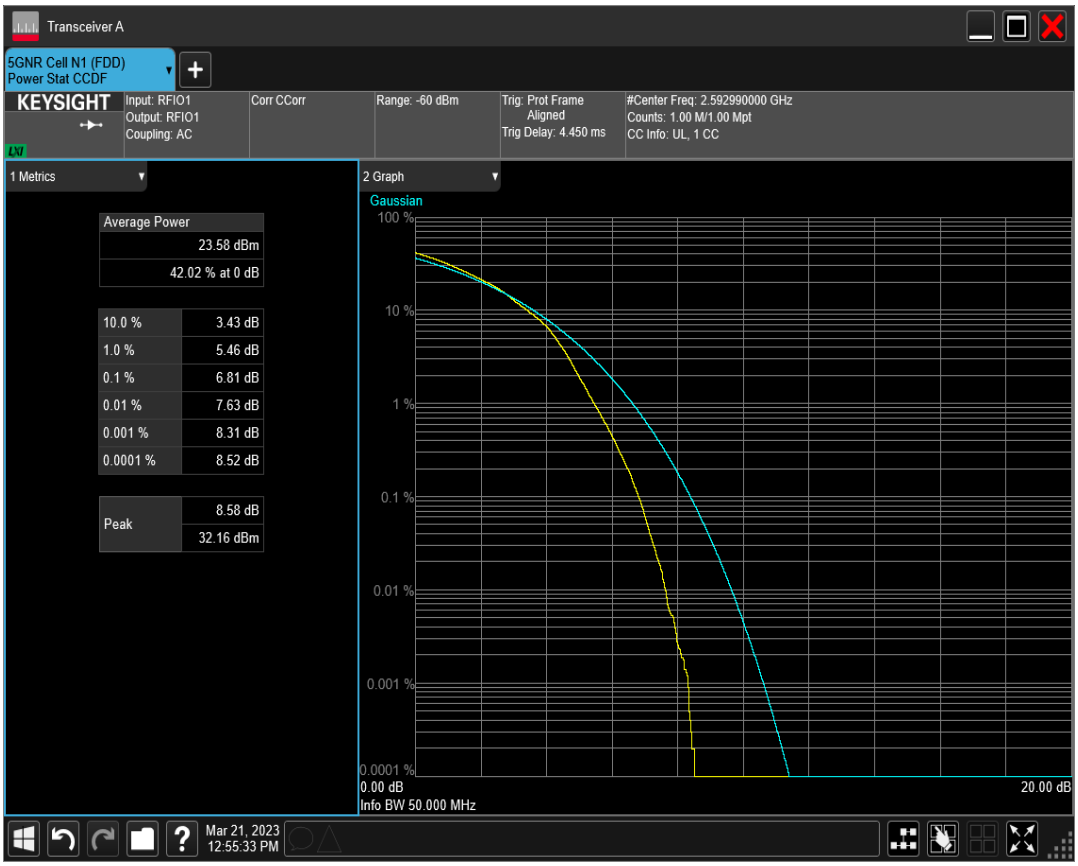

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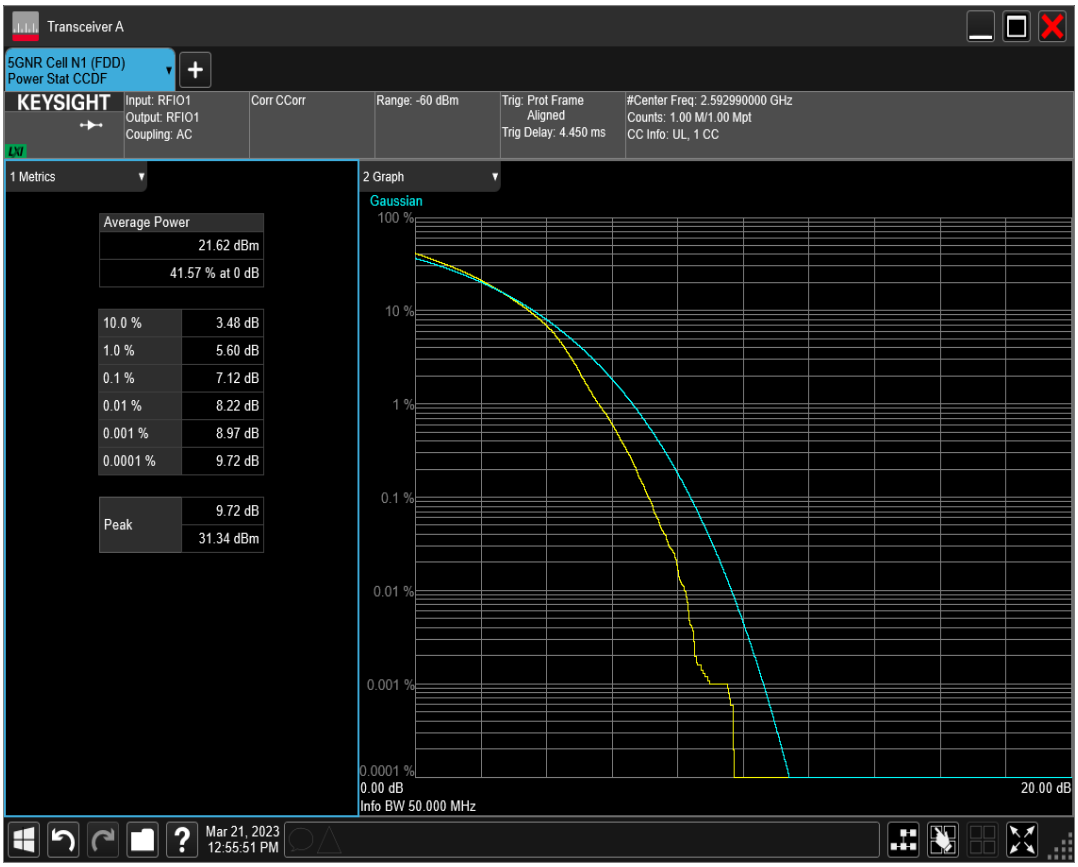

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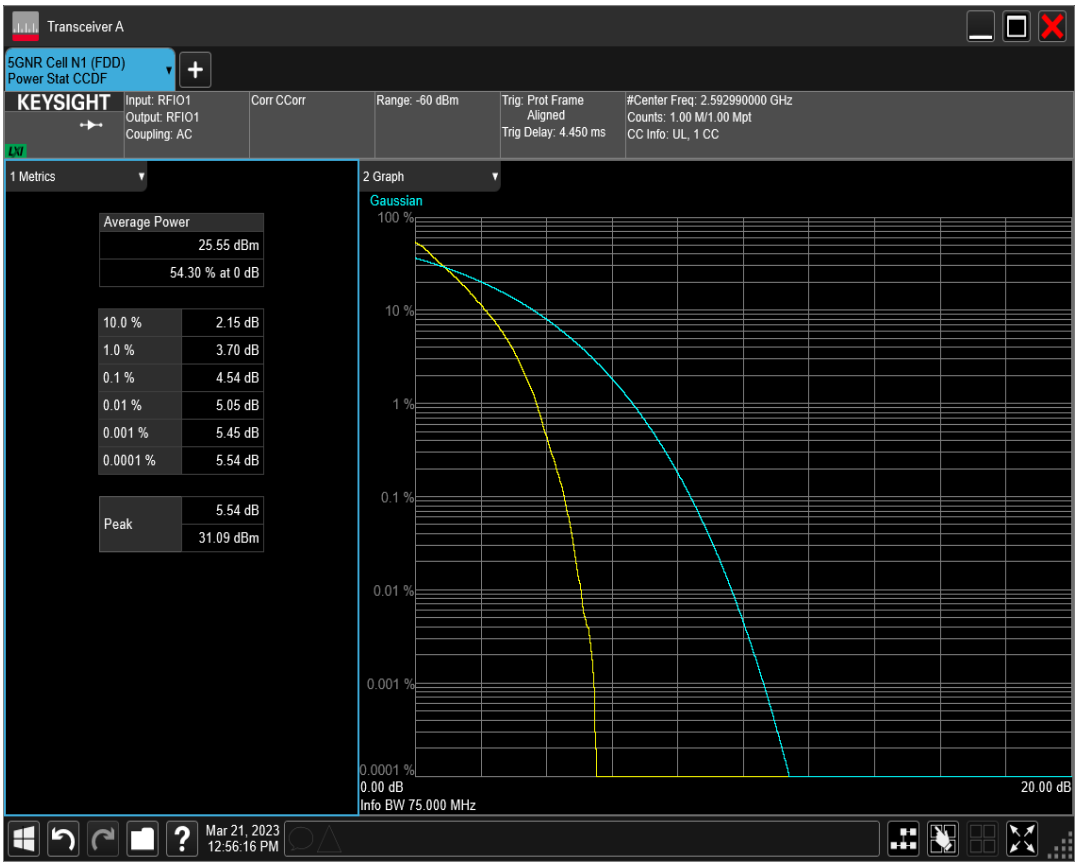

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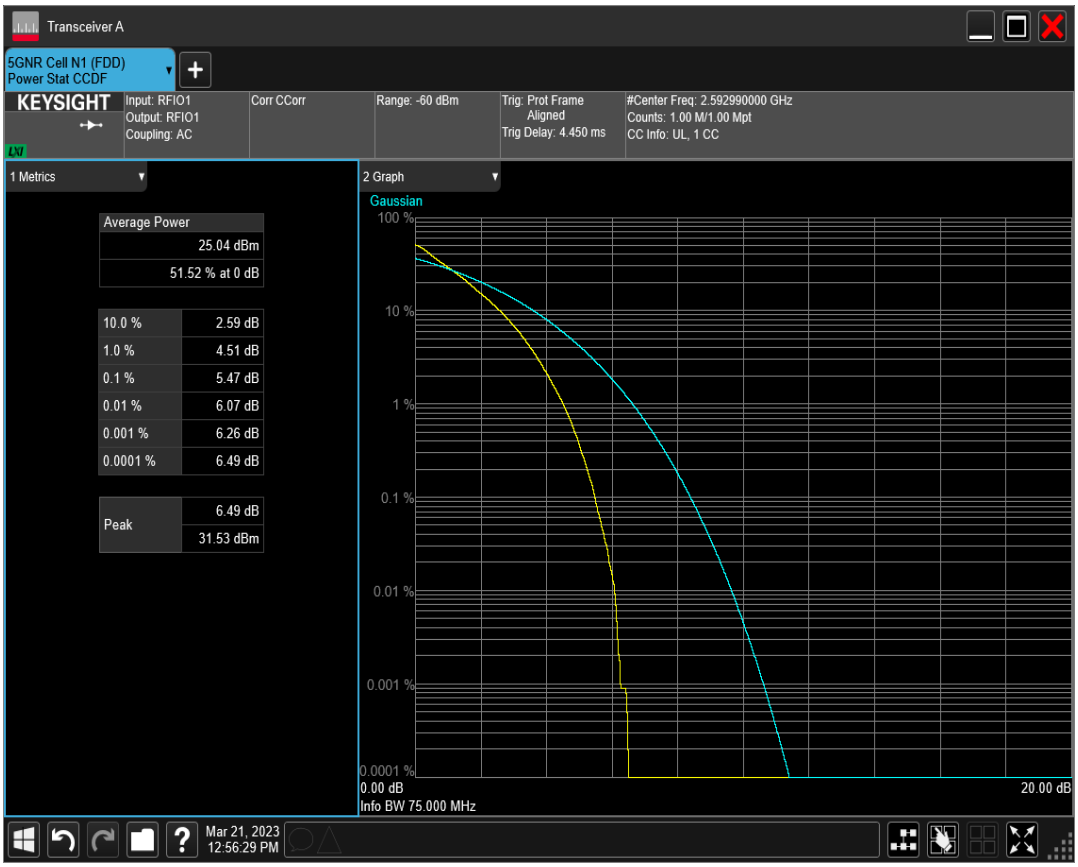

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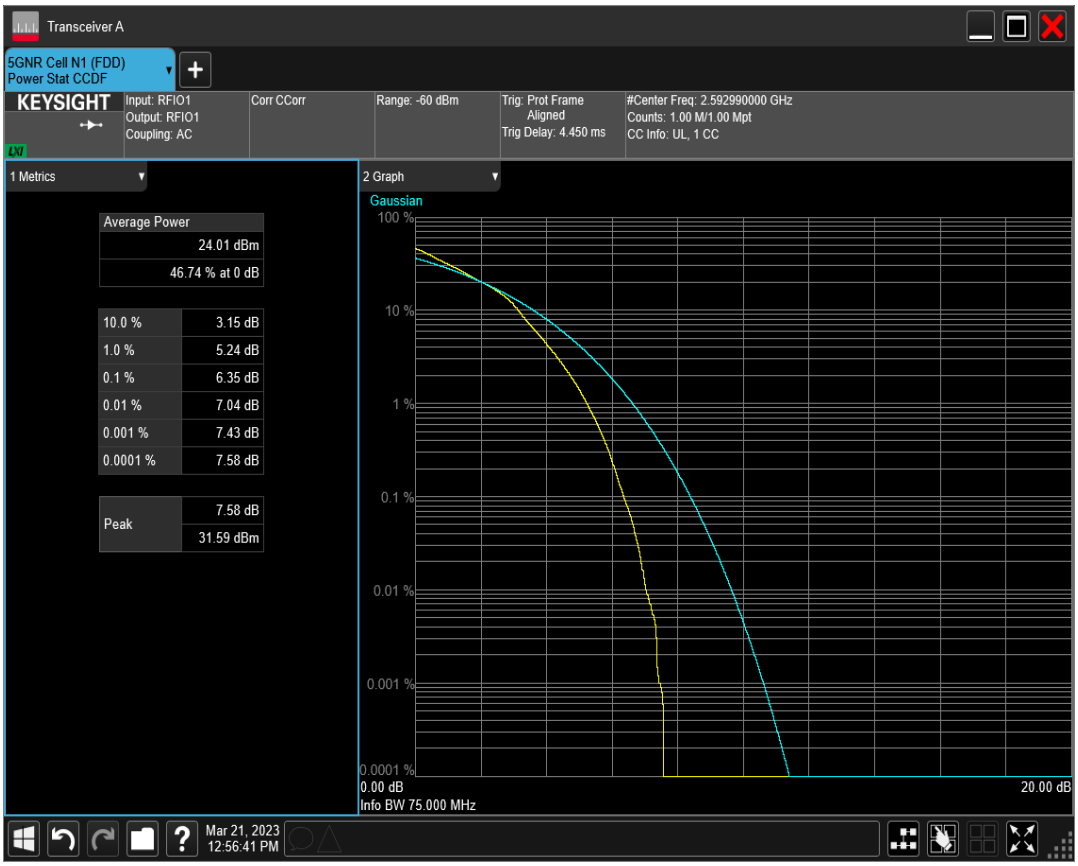

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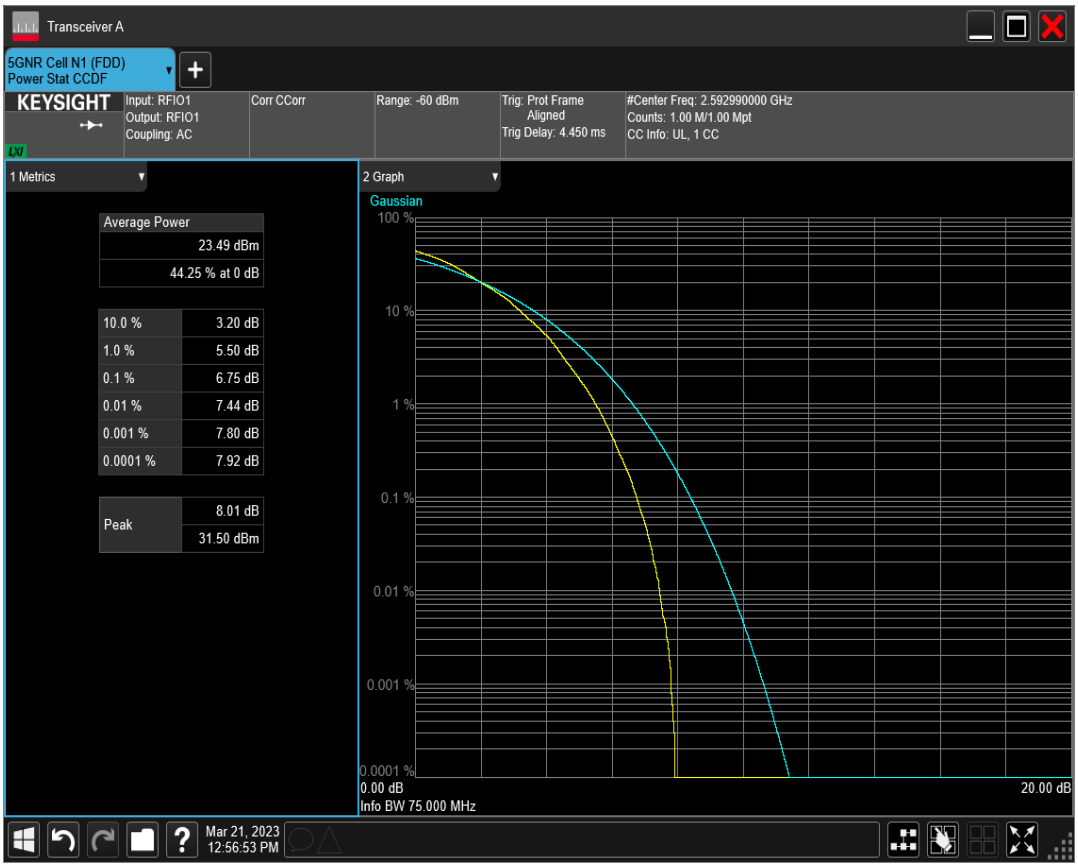

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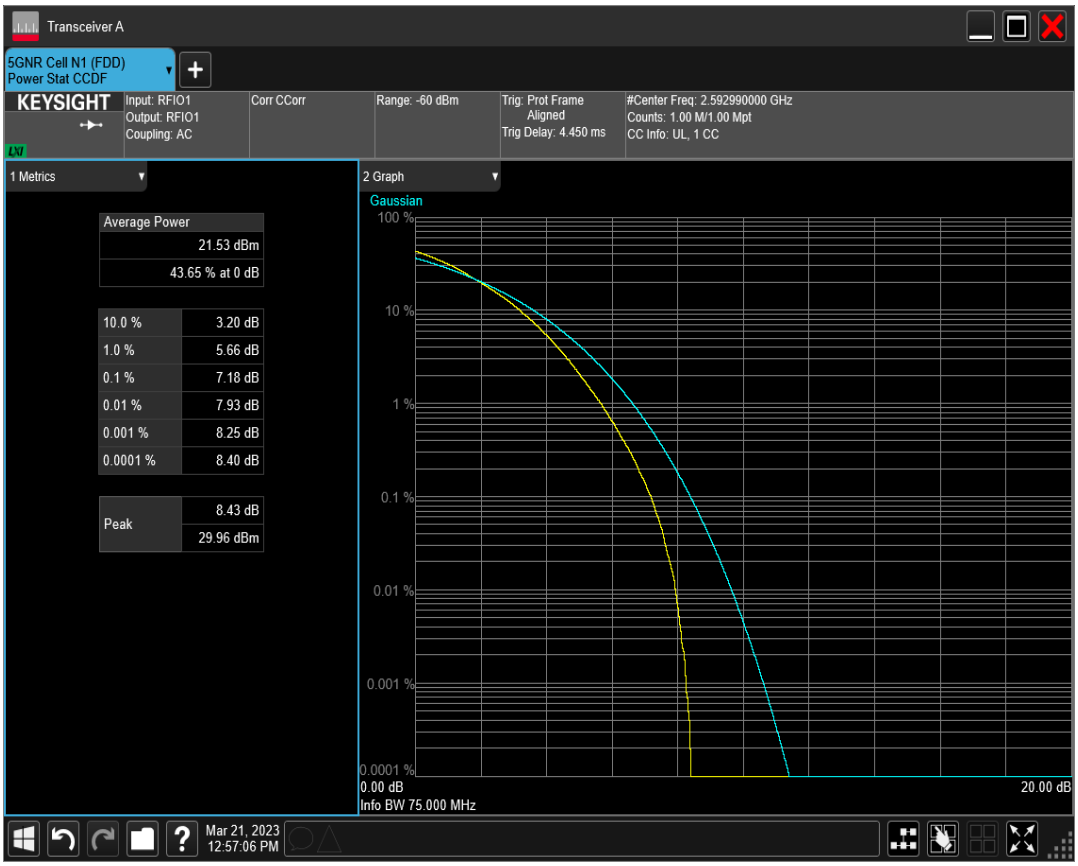

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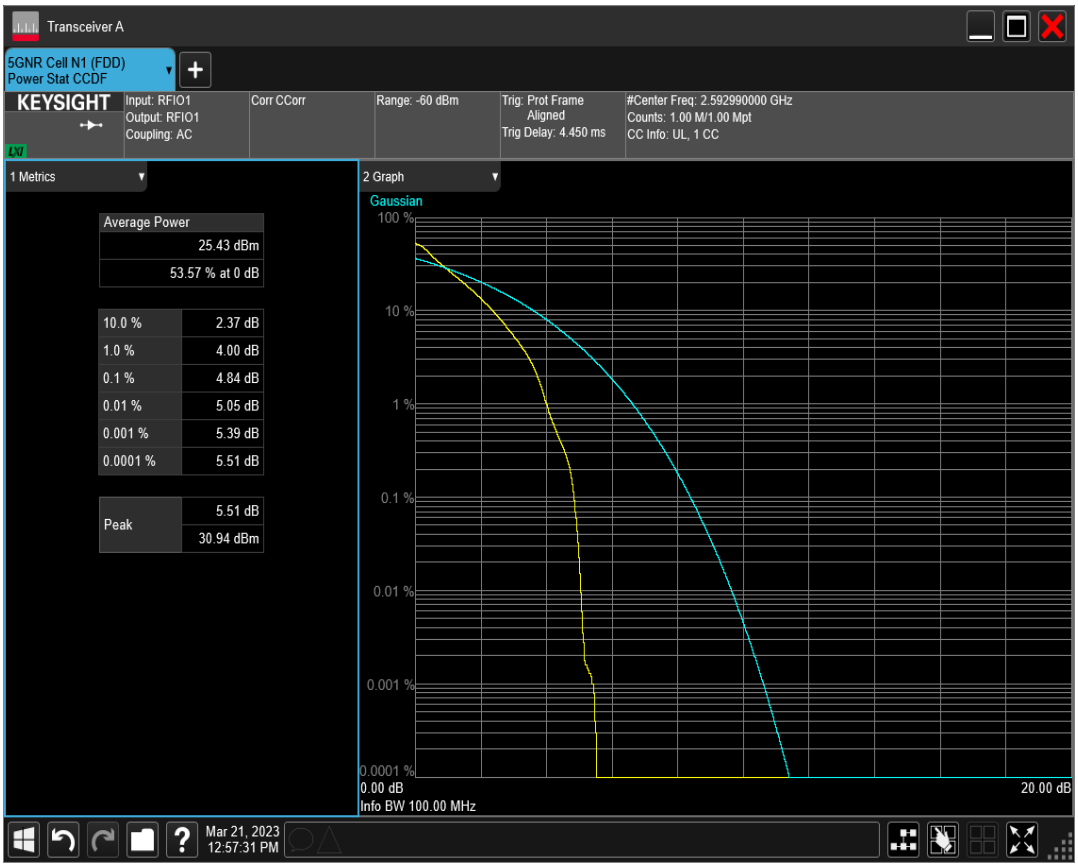
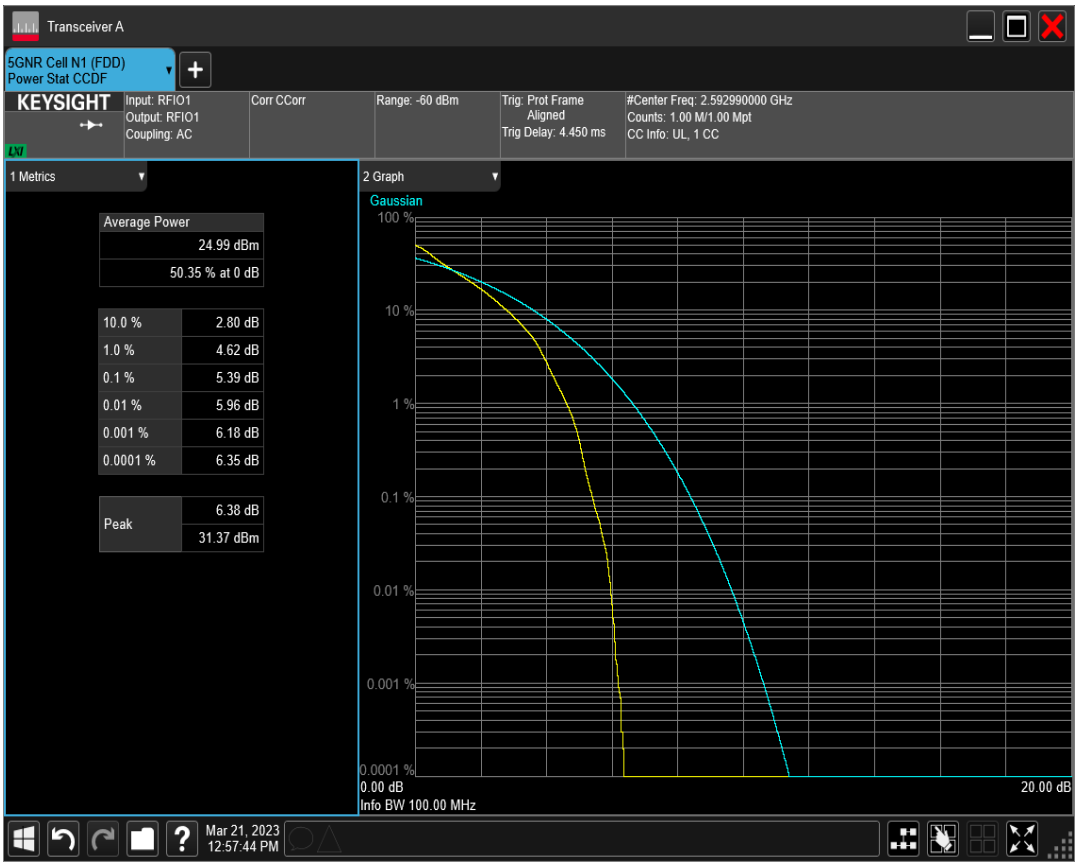
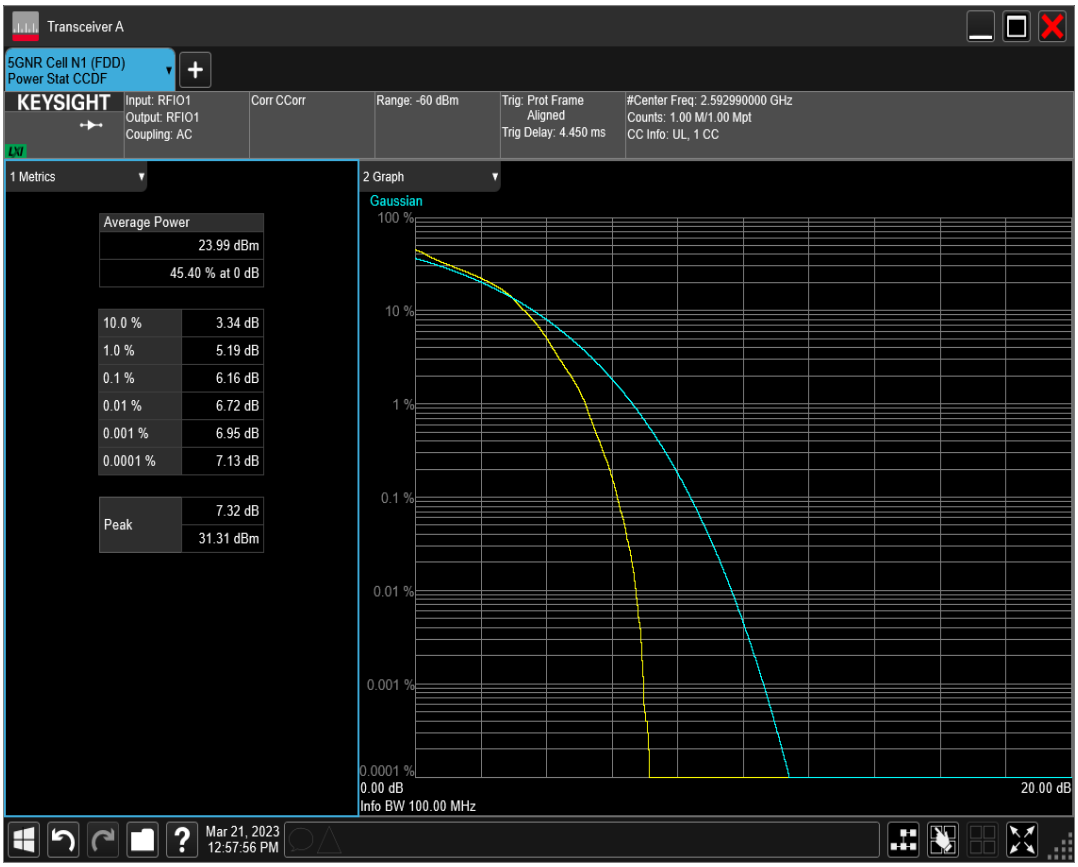


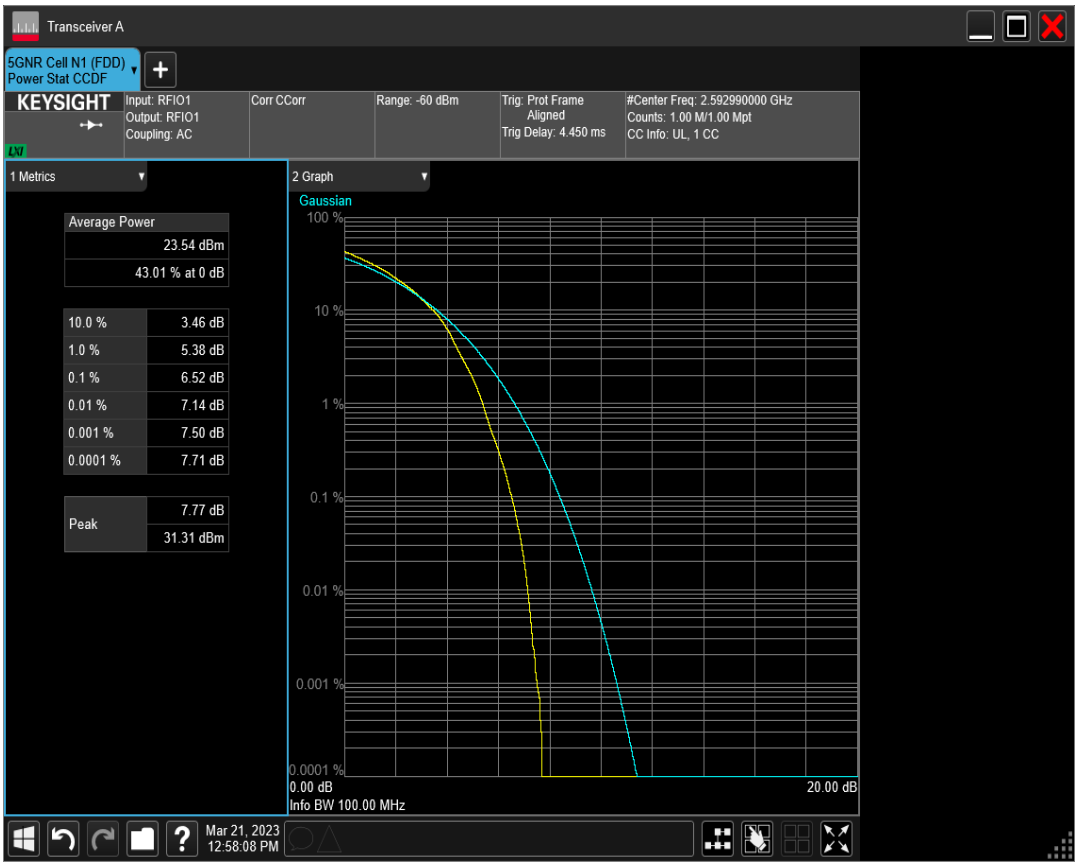
n41 SCS=30kHz DFT_QPSK BW=80MHz Channel=518598 RB=216@0



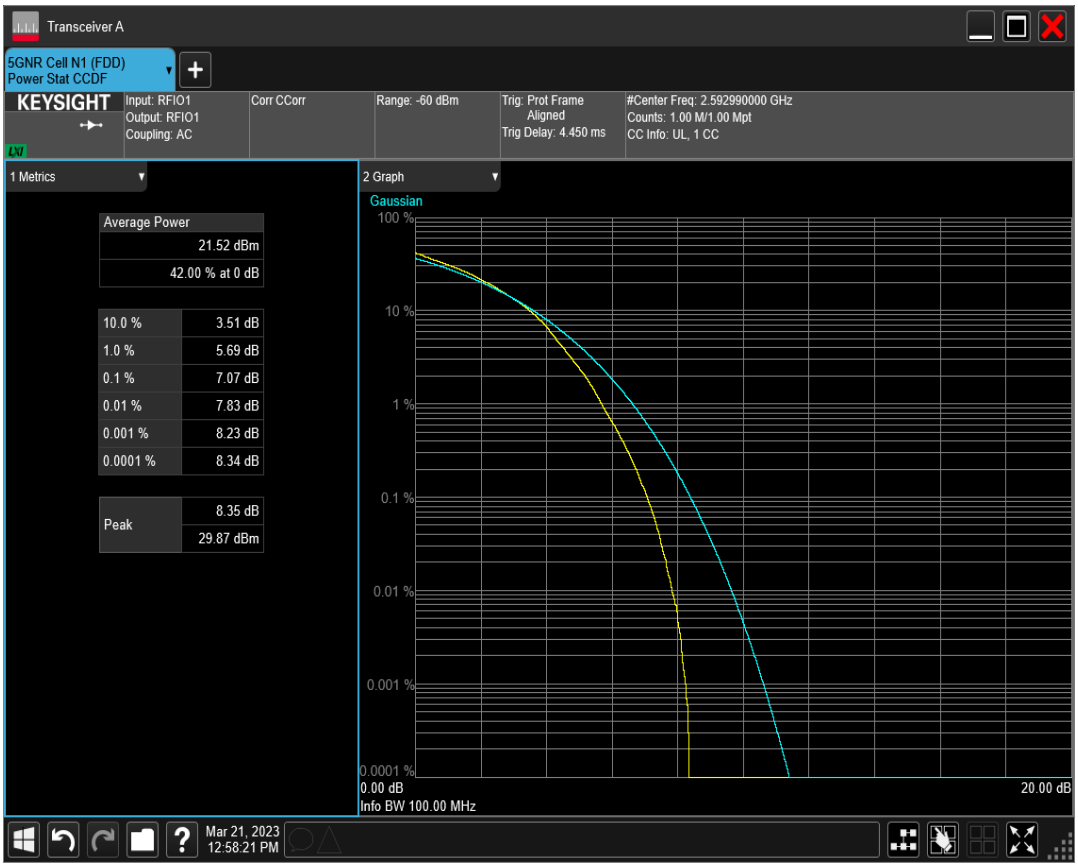
n41 SCS=30kHz DFT_QAM16 BW=80MHz Channel=518598 RB=216@0



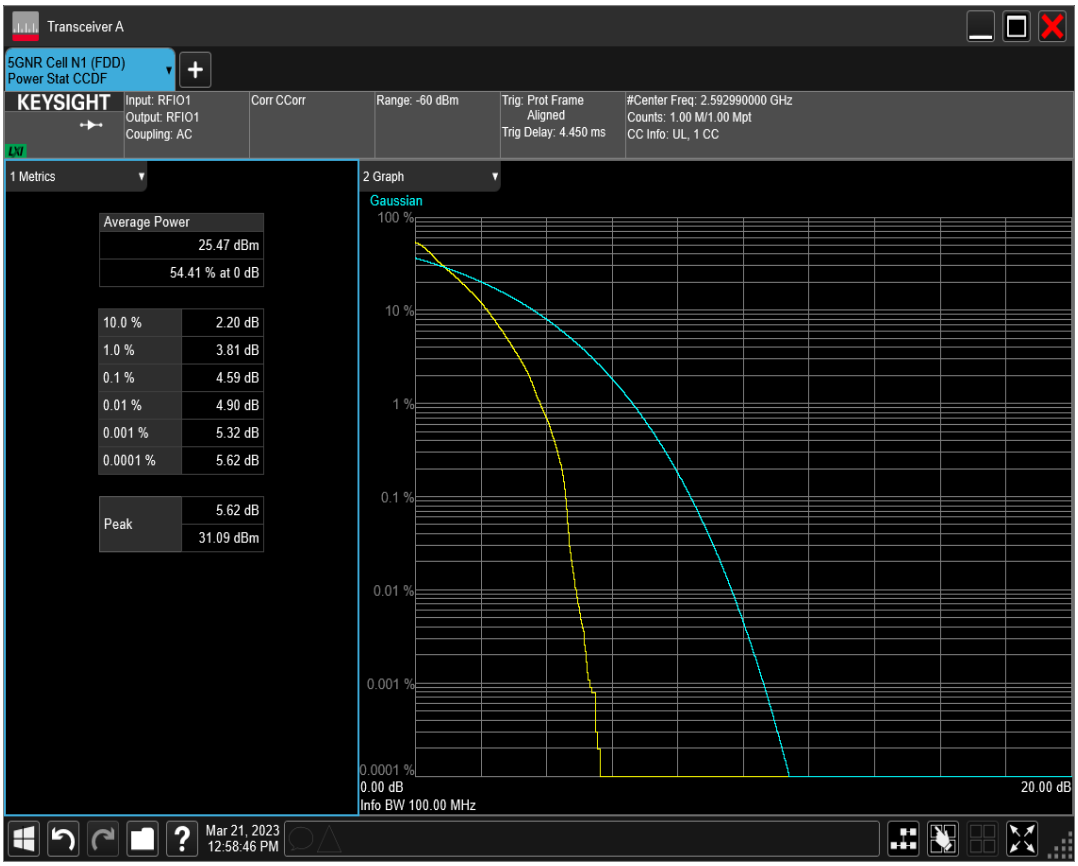
n41 SCS=30kHz DFT_QAM64 BW=80MHz Channel=518598 RB=216@0



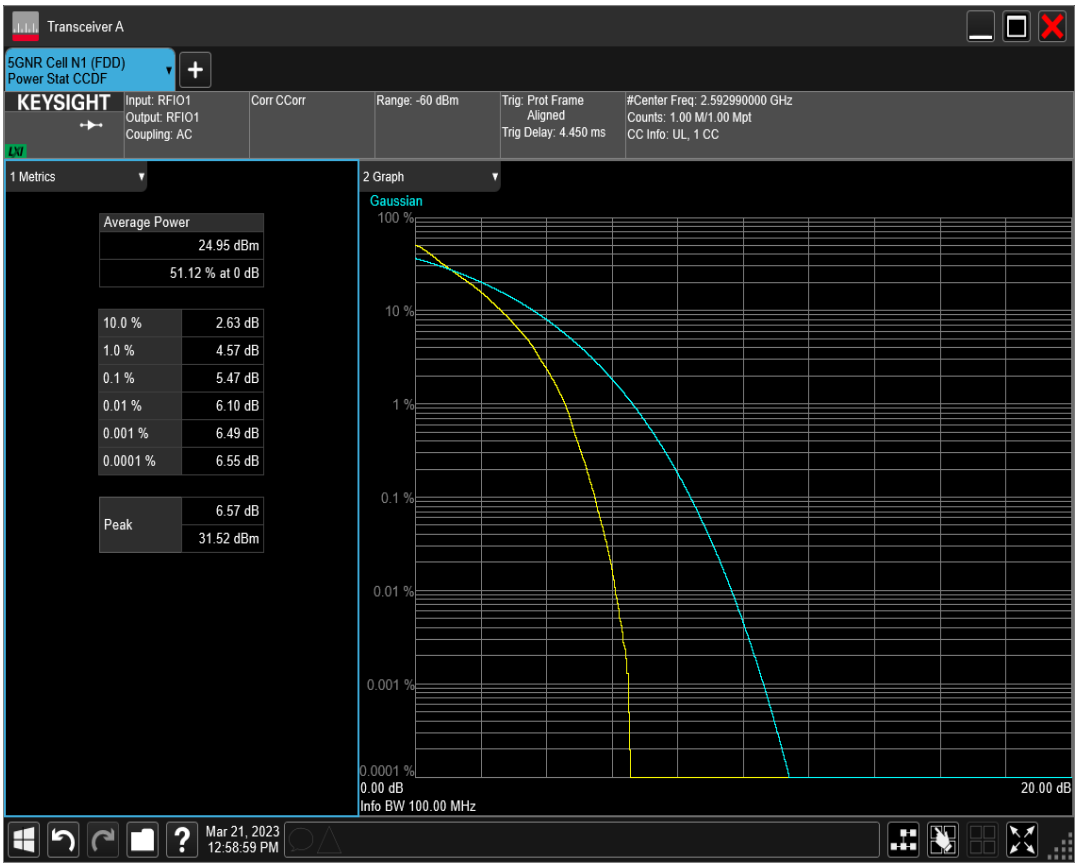
n41 SCS=30kHz DFT_QAM256 BW=80MHz Channel=518598 RB=216@0



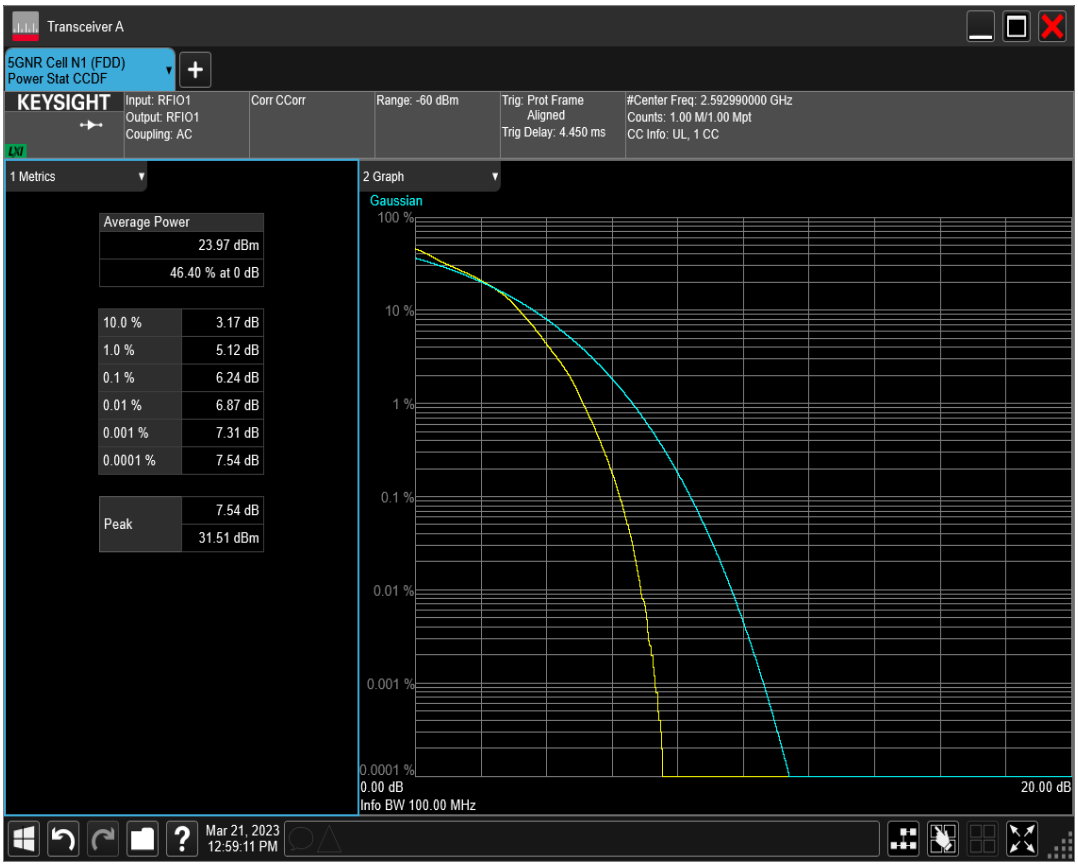
n41 SCS=30kHz DFT_BPSK BW=90MHz Channel=518598 RB=240@0



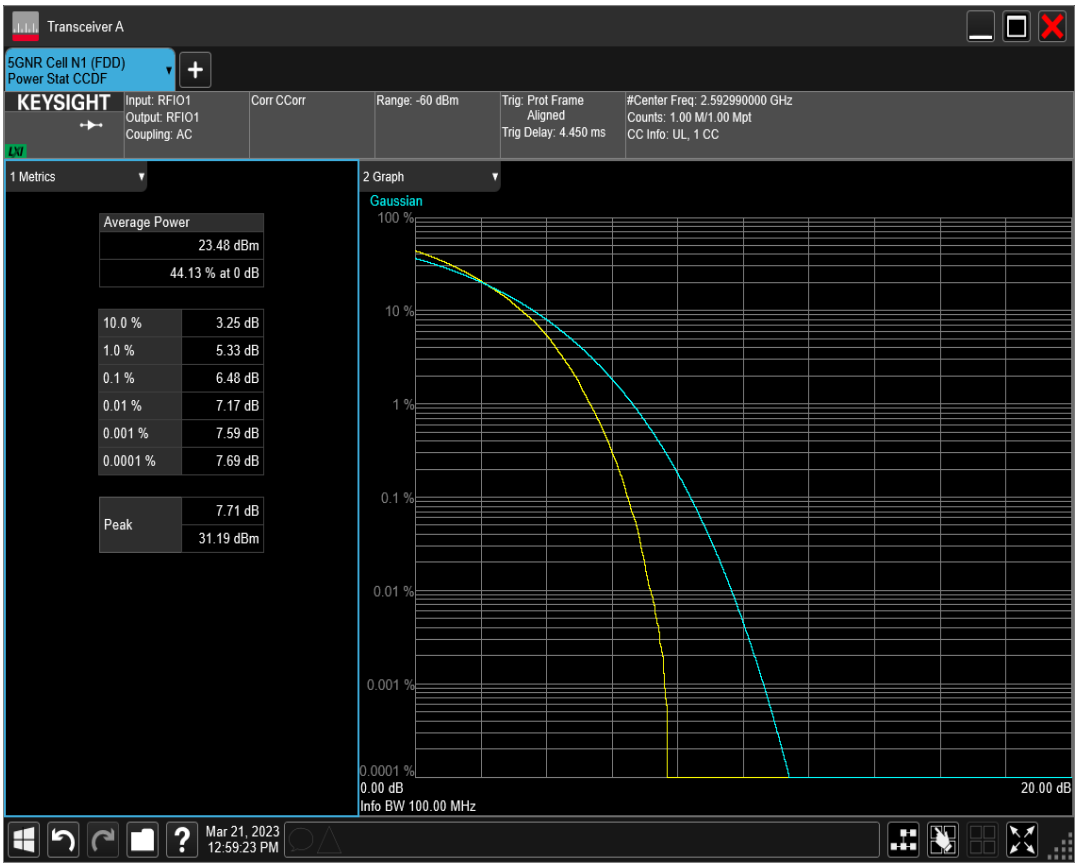
n41 SCS=30kHz DFT_QPSK BW=90MHz Channel=518598 RB=240@0



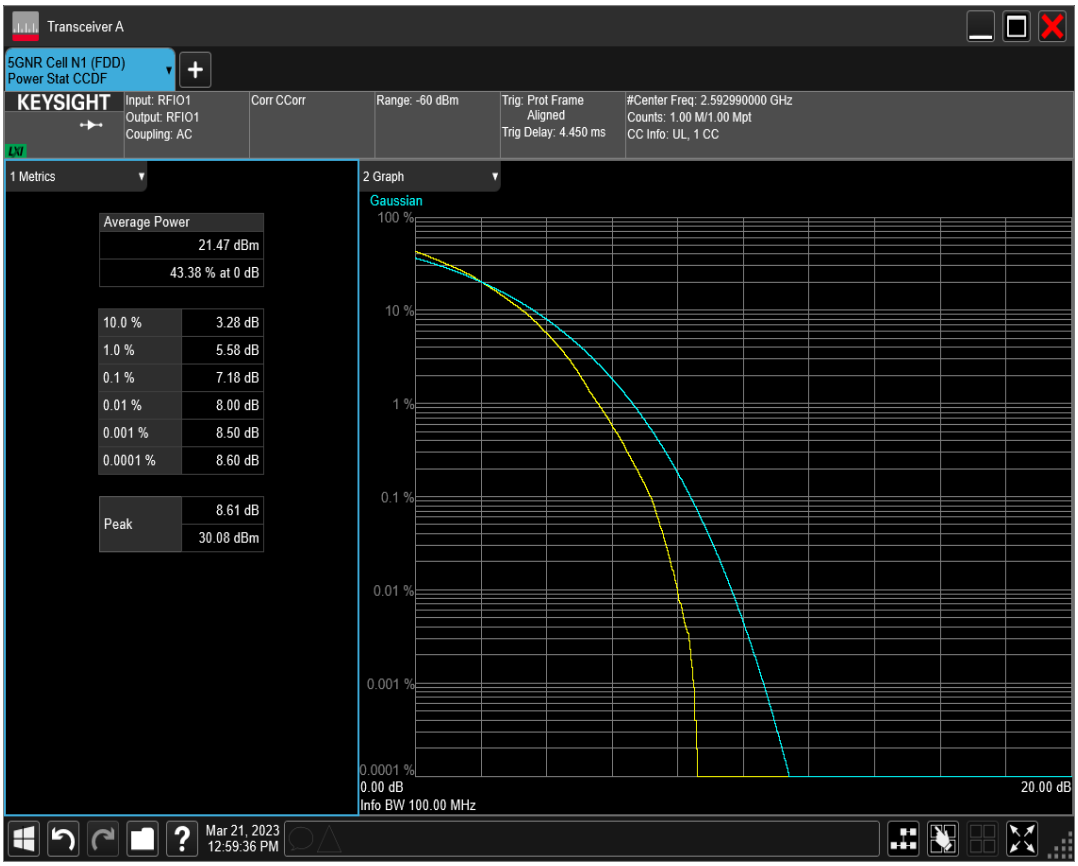
n41 SCS=30kHz DFT_QAM16 BW=90MHz Channel=518598 RB=240@0



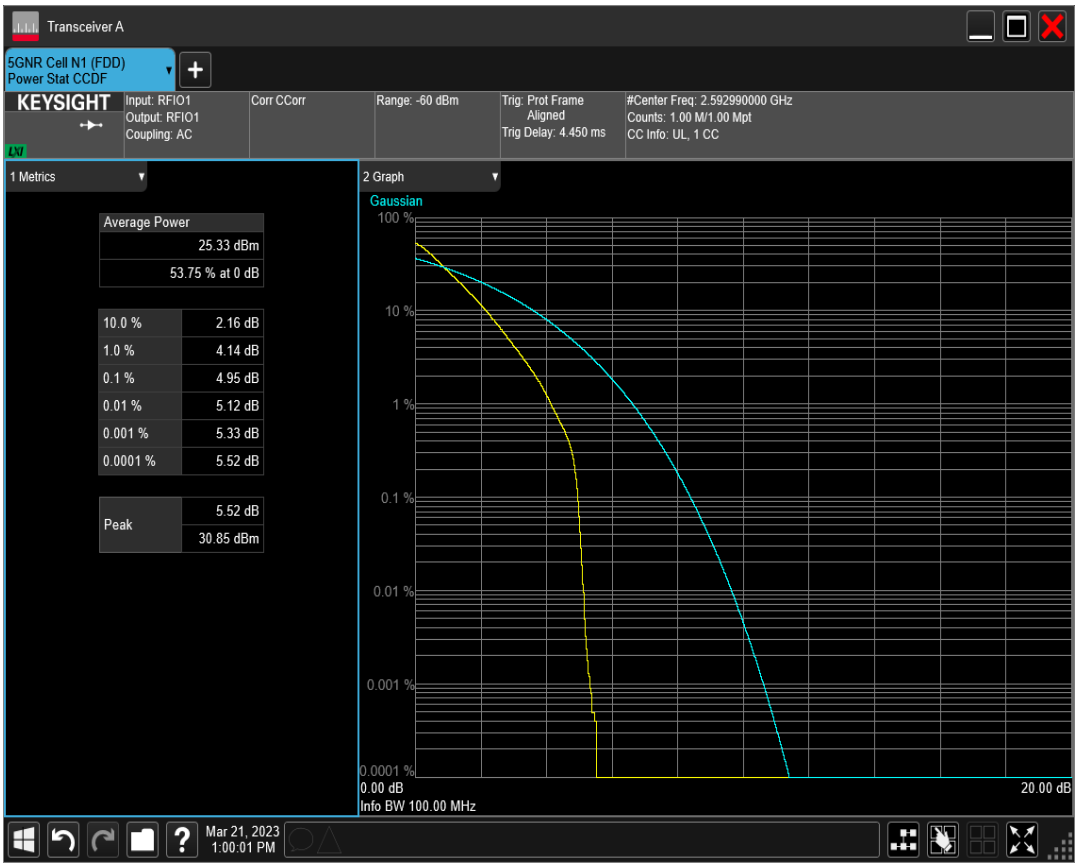
n41 SCS=30kHz DFT_QAM64 BW=90MHz Channel=518598 RB=240@0



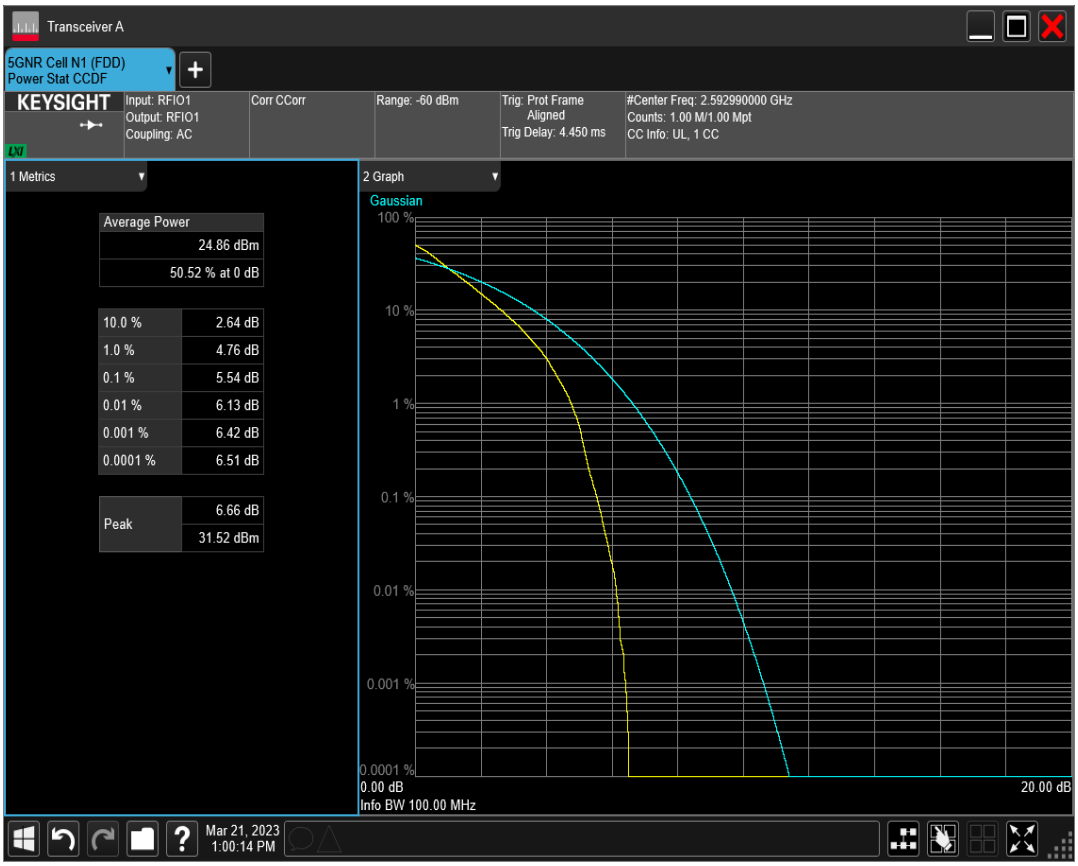
n41 SCS=30kHz DFT_QAM256 BW=90MHz Channel=518598 RB=240@0



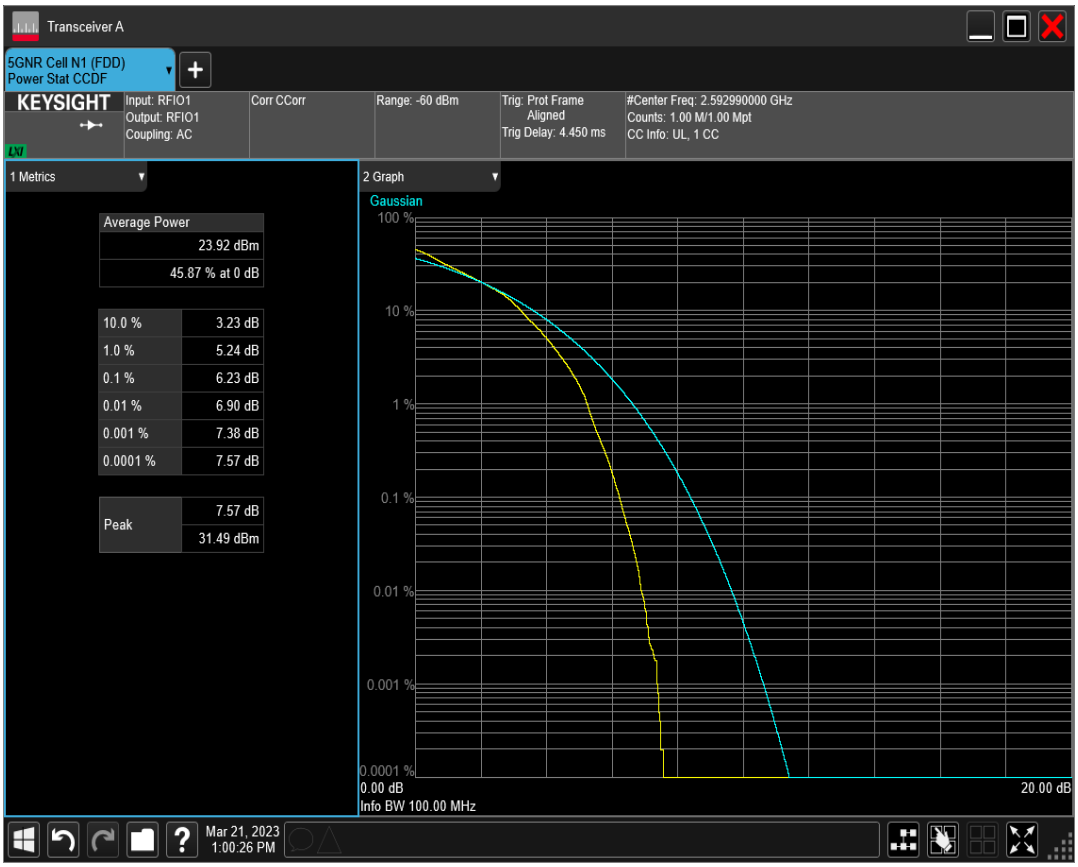
n41 SCS=30kHz DFT_BPSK BW=100MHz Channel=518598 RB=270@0



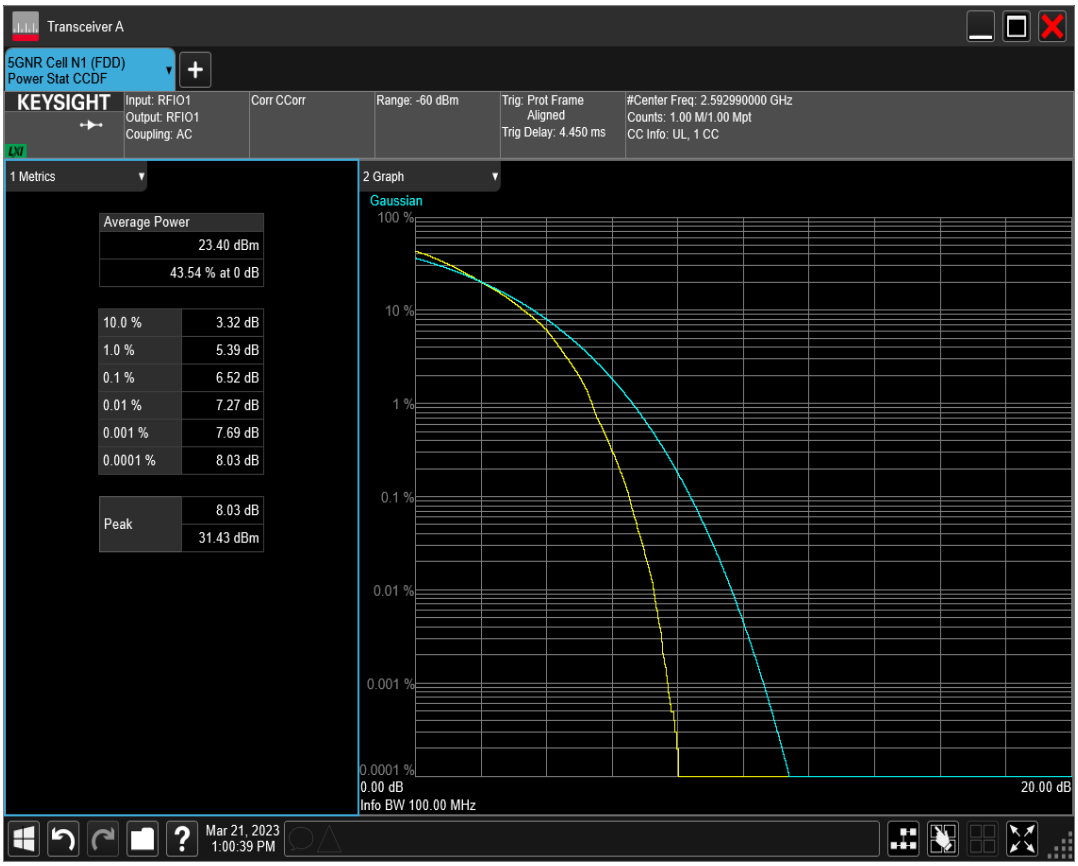
n41 SCS=30kHz DFT_QPSK BW=100MHz Channel=518598 RB=270@0



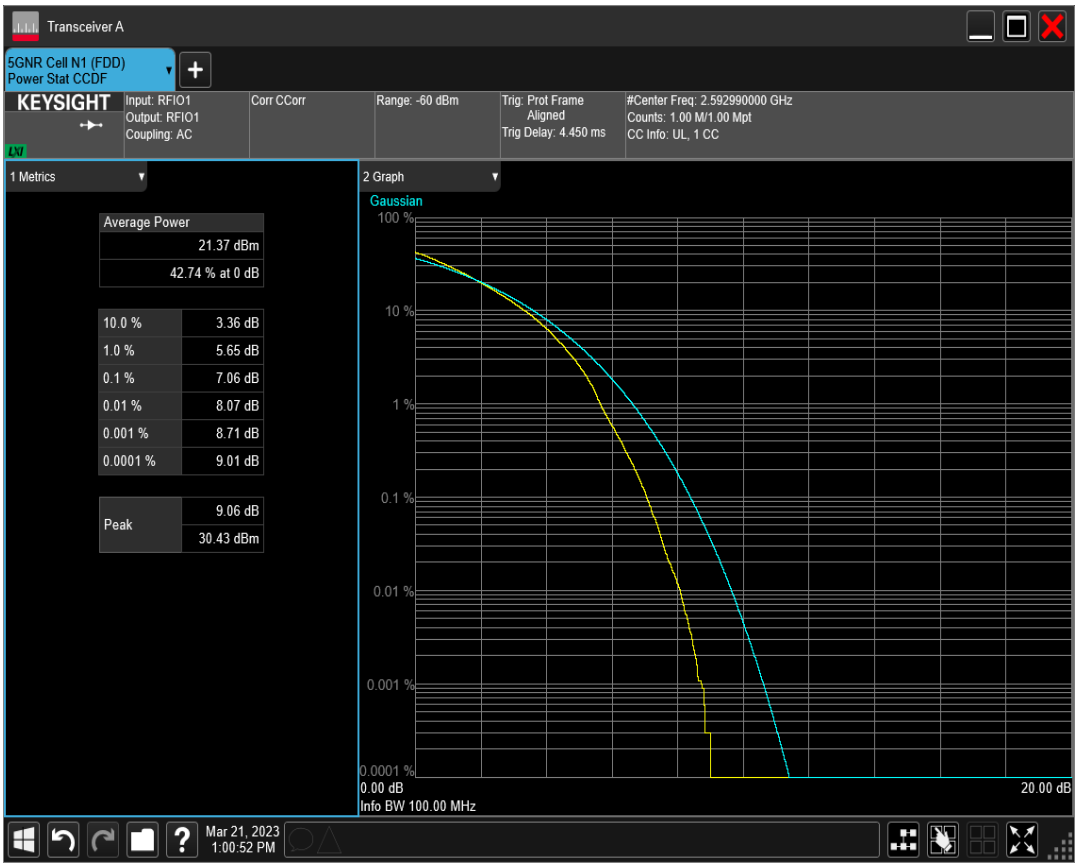
n41 SCS=30kHz DFT_QAM16 BW=100MHz Channel=518598 RB=270@0



n41 SCS=30kHz DFT_QAM64 BW=100MHz Channel=518598 RB=270@0



n41 SCS=30kHz DFT_QAM256 BW=100MHz Channel=518598 RB=270@0


Transceiver A
5GNR Cell N1 (FDD)
Power Stat CCDF
KEYSIGHT
Input: RFIO1
Output: RFIO1
Coupling: AC
Corr CCorr
Range: -60 dBm
Trig: Prot Frame
Aligned
Trig Delay: 4.450 ms
#Center Freq: 2.592990000 GHz
Counts: 1.00 M/1.00 Mpt
CC Info: UL, 1 CC
1 Metrics
Average Power
21.37 dBm
42.74 % at 0 dB
10.0 % 3.36 dB
1.0 % 5.65 dB
0.1 % 7.06 dB
0.01 % 8.07 dB
0.001 % 8.71 dB
0.0001 % 9.01 dB
Peak 9.06 dB
30.43 dBm
2 Graph
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0.00 dB
20.00 dB
Info BW 100.00 MHz
Mar 21, 2023
1:00:52 PM

4 Occupied bandwidth for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n41	30	10	500202	24@0	DFT_BPSK	8.620	9.190	PASS
n41	30	10	500202	24@0	DFT_QPSK	8.610	9.230	PASS
n41	30	10	500202	24@0	DFT_QAM16	8.620	9.220	PASS
n41	30	10	500202	24@0	DFT_QAM64	8.610	9.160	PASS
n41	30	10	500202	24@0	DFT_QAM256	8.610	9.190	PASS
n41	30	10	500202	24@0	CP_QPSK	8.620	9.310	PASS
n41	30	10	518598	24@0	DFT_BPSK	8.620	9.180	PASS
n41	30	10	518598	24@0	DFT_QPSK	8.610	9.200	PASS
n41	30	10	518598	24@0	DFT_QAM16	8.650	9.220	PASS
n41	30	10	518598	24@0	DFT_QAM64	8.610	9.220	PASS
n41	30	10	518598	24@0	DFT_QAM256	8.620	9.250	PASS
n41	30	10	518598	24@0	CP_QPSK	8.620	9.270	PASS
n41	30	10	537000	24@0	DFT_BPSK	8.620	9.180	PASS
n41	30	10	537000	24@0	DFT_QPSK	8.610	9.170	PASS
n41	30	10	537000	24@0	DFT_QAM16	8.640	9.220	PASS
n41	30	10	537000	24@0	DFT_QAM64	8.610	9.200	PASS
n41	30	10	537000	24@0	DFT_QAM256	8.620	9.210	PASS
n41	30	10	537000	24@0	CP_QPSK	8.620	9.290	PASS
n41	30	15	500700	36@0	DFT_BPSK	13.470	13.730	PASS
n41	30	15	500700	36@0	DFT_QPSK	13.510	13.710	PASS
n41	30	15	500700	36@0	DFT_QAM16	13.510	13.720	PASS
n41	30	15	500700	36@0	DFT_QAM64	13.450	13.720	PASS
n41	30	15	500700	36@0	DFT_QAM256	13.510	13.830	PASS
n41	30	15	500700	38@0	CP_QPSK	13.640	14.450	PASS
n41	30	15	518598	36@0	DFT_BPSK	13.520	13.730	PASS
n41	30	15	518598	36@0	DFT_QPSK	13.460	13.700	PASS
n41	30	15	518598	36@0	DFT_QAM16	13.570	13.720	PASS
n41	30	15	518598	36@0	DFT_QAM64	13.460	13.720	PASS
n41	30	15	518598	36@0	DFT_QAM256	13.520	13.750	PASS
n41	30	15	518598	38@0	CP_QPSK	13.640	14.430	PASS
n41	30	15	536496	36@0	DFT_BPSK	13.440	13.700	PASS
n41	30	15	536496	36@0	DFT_QPSK	13.500	13.720	PASS
n41	30	15	536496	36@0	DFT_QAM16	13.520	13.800	PASS
n41	30	15	536496	36@0	DFT_QAM64	13.450	13.710	PASS
n41	30	15	536496	36@0	DFT_QAM256	13.510	13.740	PASS
n41	30	15	536496	38@0	CP_QPSK	13.640	14.440	PASS
n41	30	20	501204	50@0	DFT_BPSK	18.080	18.910	PASS
n41	30	20	501204	50@0	DFT_QPSK	18.090	18.930	PASS
n41	30	20	501204	50@0	DFT_QAM16	18.090	18.910	PASS

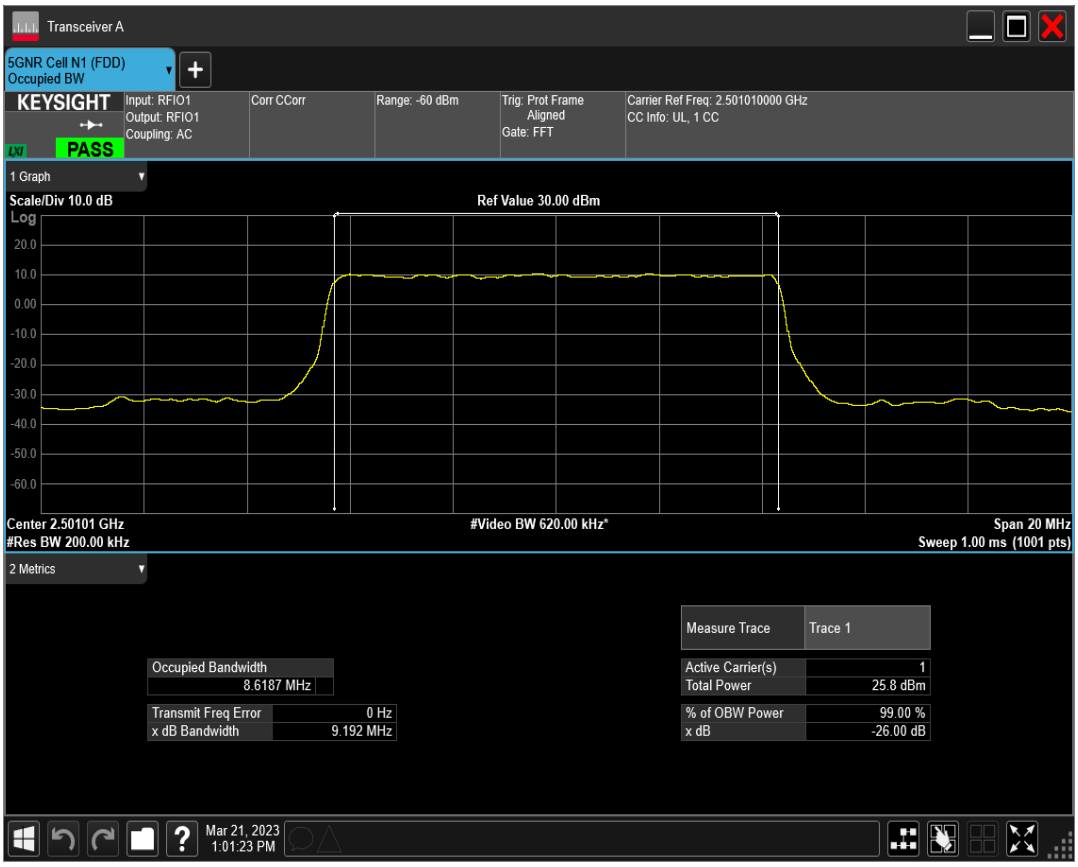
n41	30	20	501204	50@0	DFT_QAM64	18.020	18.920	PASS
n41	30	20	501204	50@0	DFT_QAM256	18.090	18.920	PASS
n41	30	20	501204	51@0	CP_QPSK	18.280	19.320	PASS
n41	30	20	518598	50@0	DFT_BPSK	18.100	18.910	PASS
n41	30	20	518598	50@0	DFT_QPSK	18.100	18.940	PASS
n41	30	20	518598	50@0	DFT_QAM16	18.100	18.920	PASS
n41	30	20	518598	50@0	DFT_QAM64	18.160	18.960	PASS
n41	30	20	518598	50@0	DFT_QAM256	18.110	18.950	PASS
n41	30	20	518598	51@0	CP_QPSK	18.270	19.310	PASS
n41	30	20	535998	50@0	DFT_BPSK	18.030	18.940	PASS
n41	30	20	535998	50@0	DFT_QPSK	18.100	18.950	PASS
n41	30	20	535998	50@0	DFT_QAM16	18.120	18.940	PASS
n41	30	20	535998	50@0	DFT_QAM64	18.030	18.920	PASS
n41	30	20	535998	50@0	DFT_QAM256	18.100	18.930	PASS
n41	30	20	535998	51@0	CP_QPSK	18.280	19.320	PASS
n41	30	30	502200	75@0	DFT_BPSK	27.620	28.420	PASS
n41	30	30	502200	75@0	DFT_QPSK	27.530	28.440	PASS
n41	30	30	502200	75@0	DFT_QAM16	27.530	28.440	PASS
n41	30	30	502200	75@0	DFT_QAM64	27.510	28.500	PASS
n41	30	30	502200	75@0	DFT_QAM256	27.630	28.440	PASS
n41	30	30	502200	78@0	CP_QPSK	27.990	29.540	PASS
n41	30	30	518598	75@0	DFT_BPSK	27.660	28.460	PASS
n41	30	30	518598	75@0	DFT_QPSK	27.650	28.440	PASS
n41	30	30	518598	75@0	DFT_QAM16	27.740	28.450	PASS
n41	30	30	518598	75@0	DFT_QAM64	27.620	28.510	PASS
n41	30	30	518598	75@0	DFT_QAM256	27.730	28.470	PASS
n41	30	30	518598	78@0	CP_QPSK	27.980	29.540	PASS
n41	30	30	534996	75@0	DFT_BPSK	27.720	28.450	PASS
n41	30	30	534996	75@0	DFT_QPSK	27.730	28.460	PASS
n41	30	30	534996	75@0	DFT_QAM16	27.660	28.460	PASS
n41	30	30	534996	75@0	DFT_QAM64	27.650	28.530	PASS
n41	30	30	534996	75@0	DFT_QAM256	27.760	28.490	PASS
n41	30	30	534996	78@0	CP_QPSK	28.010	29.570	PASS
n41	30	40	503202	100@0	DFT_BPSK	37.440	37.840	PASS
n41	30	40	503202	100@0	DFT_QPSK	37.440	37.890	PASS
n41	30	40	503202	100@0	DFT_QAM16	37.470	37.880	PASS
n41	30	40	503202	100@0	DFT_QAM64	37.450	37.870	PASS
n41	30	40	503202	100@0	DFT_QAM256	37.450	37.870	PASS
n41	30	40	503202	106@0	CP_QPSK	37.980	40.050	PASS
n41	30	40	518598	100@0	DFT_BPSK	37.600	37.860	PASS
n41	30	40	518598	100@0	DFT_QPSK	37.520	37.900	PASS
n41	30	40	518598	100@0	DFT_QAM16	37.610	37.880	PASS
n41	30	40	518598	100@0	DFT_QAM64	37.630	37.900	PASS
n41	30	40	518598	100@0	DFT_QAM256	37.600	37.910	PASS

n41	30	40	518598	106@0	CP_QPSK	37.980	40.050	PASS
n41	30	40	534000	100@0	DFT_BPSK	37.680	37.880	PASS
n41	30	40	534000	100@0	DFT_QPSK	37.790	37.890	PASS
n41	30	40	534000	100@0	DFT_QAM16	37.770	37.890	PASS
n41	30	40	534000	100@0	DFT_QAM64	37.780	37.900	PASS
n41	30	40	534000	100@0	DFT_QAM256	37.760	37.880	PASS
n41	30	40	534000	106@0	CP_QPSK	38.110	40.060	PASS
n41	30	50	504204	128@0	DFT_BPSK	46.840	48.330	PASS
n41	30	50	504204	128@0	DFT_QPSK	46.810	48.340	PASS
n41	30	50	504204	128@0	DFT_QAM16	46.870	48.360	PASS
n41	30	50	504204	128@0	DFT_QAM64	46.900	48.370	PASS
n41	30	50	504204	128@0	DFT_QAM256	46.830	48.330	PASS
n41	30	50	504204	133@0	CP_QPSK	47.650	50.220	PASS
n41	30	50	518598	128@0	DFT_BPSK	47.010	48.340	PASS
n41	30	50	518598	128@0	DFT_QPSK	47.070	48.380	PASS
n41	30	50	518598	128@0	DFT_QAM16	47.080	48.400	PASS
n41	30	50	518598	128@0	DFT_QAM64	47.220	48.430	PASS
n41	30	50	518598	128@0	DFT_QAM256	47.090	48.420	PASS
n41	30	50	518598	133@0	CP_QPSK	47.670	50.270	PASS
n41	30	50	532998	128@0	DFT_BPSK	47.280	48.330	PASS
n41	30	50	532998	128@0	DFT_QPSK	47.400	48.360	PASS
n41	30	50	532998	128@0	DFT_QAM16	47.420	48.370	PASS
n41	30	50	532998	128@0	DFT_QAM64	47.440	48.370	PASS
n41	30	50	532998	128@0	DFT_QAM256	47.290	48.350	PASS
n41	30	50	532998	133@0	CP_QPSK	47.820	50.220	PASS
n41	30	60	505200	162@0	DFT_BPSK	57.950	60.950	PASS
n41	30	60	505200	162@0	DFT_QPSK	57.930	60.960	PASS
n41	30	60	505200	162@0	DFT_QAM16	57.920	60.950	PASS
n41	30	60	505200	162@0	DFT_QAM64	57.930	60.940	PASS
n41	30	60	505200	162@0	DFT_QAM256	57.900	60.950	PASS
n41	30	60	505200	162@0	CP_QPSK	57.930	61.000	PASS
n41	30	60	518598	162@0	DFT_BPSK	58.120	61.020	PASS
n41	30	60	518598	162@0	DFT_QPSK	57.940	61.010	PASS
n41	30	60	518598	162@0	DFT_QAM16	57.950	61.010	PASS
n41	30	60	518598	162@0	DFT_QAM64	58.090	61.010	PASS
n41	30	60	518598	162@0	DFT_QAM256	57.950	61.010	PASS
n41	30	60	518598	162@0	CP_QPSK	58.090	61.070	PASS
n41	30	60	531996	162@0	DFT_BPSK	58.160	60.990	PASS
n41	30	60	531996	162@0	DFT_QPSK	58.100	60.980	PASS
n41	30	60	531996	162@0	DFT_QAM16	58.120	60.990	PASS
n41	30	60	531996	162@0	DFT_QAM64	58.130	60.990	PASS
n41	30	60	531996	162@0	DFT_QAM256	58.110	60.980	PASS
n41	30	60	531996	162@0	CP_QPSK	58.140	61.040	PASS
n41	30	80	507204	216@0	DFT_BPSK	77.190	81.290	PASS

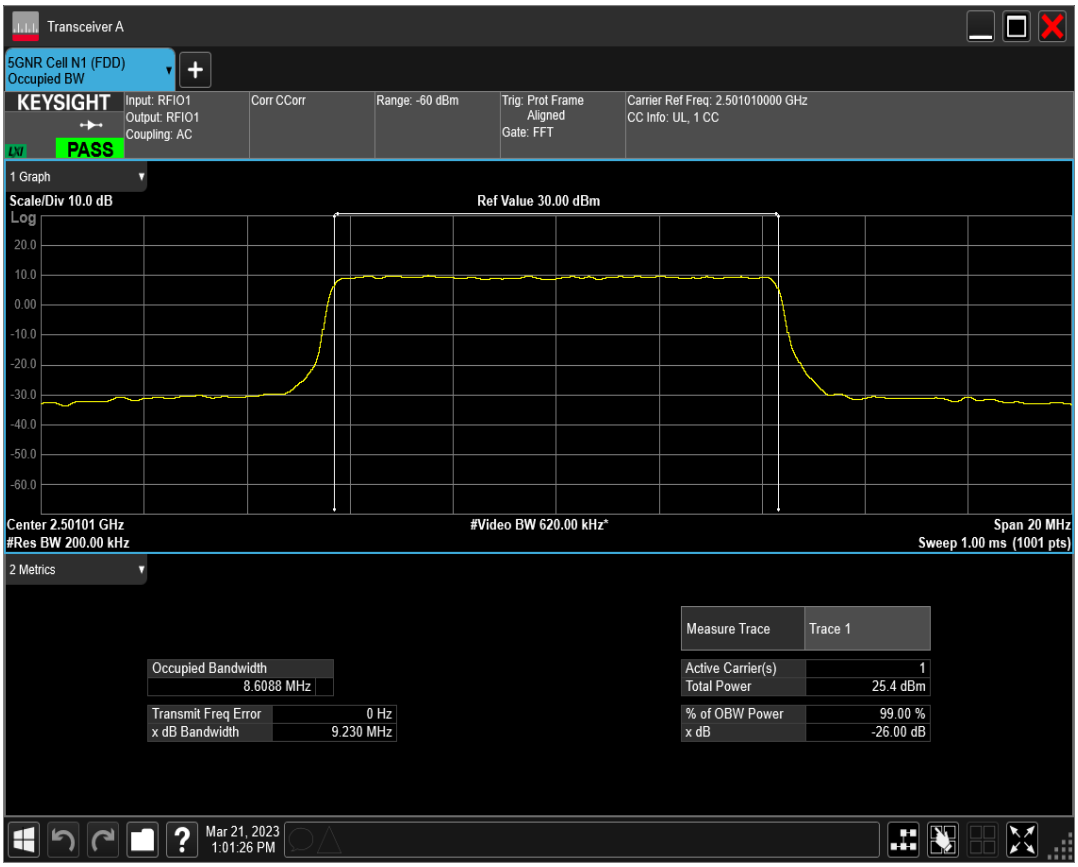
n41	30	80	507204	216@0	DFT_QPSK	77.190	81.320	PASS
n41	30	80	507204	216@0	DFT_QAM16	77.220	81.290	PASS
n41	30	80	507204	216@0	DFT_QAM64	77.210	81.280	PASS
n41	30	80	507204	216@0	DFT_QAM256	77.220	81.310	PASS
n41	30	80	507204	217@0	CP_QPSK	77.590	81.810	PASS
n41	30	80	518598	216@0	DFT_BPSK	77.470	81.390	PASS
n41	30	80	518598	216@0	DFT_QPSK	77.470	81.410	PASS
n41	30	80	518598	216@0	DFT_QAM16	77.480	81.350	PASS
n41	30	80	518598	216@0	DFT_QAM64	77.510	81.420	PASS
n41	30	80	518598	216@0	DFT_QAM256	77.490	81.420	PASS
n41	30	80	518598	217@0	CP_QPSK	77.820	81.860	PASS
n41	30	80	529998	216@0	DFT_BPSK	77.530	81.340	PASS
n41	30	80	529998	216@0	DFT_QPSK	77.530	81.360	PASS
n41	30	80	529998	216@0	DFT_QAM16	77.500	81.300	PASS
n41	30	80	529998	216@0	DFT_QAM64	77.540	81.370	PASS
n41	30	80	529998	216@0	DFT_QAM256	77.510	81.350	PASS
n41	30	80	529998	217@0	CP_QPSK	77.830	81.780	PASS
n41	30	90	508200	240@0	DFT_BPSK	86.150	90.450	PASS
n41	30	90	508200	240@0	DFT_QPSK	86.190	90.510	PASS
n41	30	90	508200	240@0	DFT_QAM16	86.180	90.450	PASS
n41	30	90	508200	240@0	DFT_QAM64	86.420	90.500	PASS
n41	30	90	508200	240@0	DFT_QAM256	86.420	90.510	PASS
n41	30	90	508200	245@0	CP_QPSK	87.600	92.350	PASS
n41	30	90	518598	240@0	DFT_BPSK	86.760	90.550	PASS
n41	30	90	518598	240@0	DFT_QPSK	86.800	90.620	PASS
n41	30	90	518598	240@0	DFT_QAM16	86.800	90.580	PASS
n41	30	90	518598	240@0	DFT_QAM64	86.850	90.620	PASS
n41	30	90	518598	240@0	DFT_QAM256	86.850	90.650	PASS
n41	30	90	518598	245@0	CP_QPSK	87.870	92.450	PASS
n41	30	90	528996	240@0	DFT_BPSK	86.820	90.440	PASS
n41	30	90	528996	240@0	DFT_QPSK	86.880	90.470	PASS
n41	30	90	528996	240@0	DFT_QAM16	86.880	90.440	PASS
n41	30	90	528996	240@0	DFT_QAM64	86.920	90.490	PASS
n41	30	90	528996	240@0	DFT_QAM256	87.140	90.510	PASS
n41	30	90	528996	245@0	CP_QPSK	87.860	92.330	PASS
n41	30	100	509202	270@0	DFT_BPSK	96.460	101.590	PASS
n41	30	100	509202	270@0	DFT_QPSK	96.460	101.610	PASS
n41	30	100	509202	270@0	DFT_QAM16	96.470	101.600	PASS
n41	30	100	509202	270@0	DFT_QAM64	96.420	101.580	PASS
n41	30	100	509202	270@0	DFT_QAM256	96.470	101.640	PASS
n41	30	100	509202	273@0	CP_QPSK	97.390	102.810	PASS
n41	30	100	518598	270@0	DFT_BPSK	96.860	101.680	PASS
n41	30	100	518598	270@0	DFT_QPSK	96.870	101.720	PASS
n41	30	100	518598	270@0	DFT_QAM16	96.860	101.680	PASS

n41	30	100	518598	270@0	DFT_QAM64	96.830	101.660	PASS
n41	30	100	518598	270@0	DFT_QAM256	96.880	101.710	PASS
n41	30	100	518598	273@0	CP_QPSK	97.700	102.910	PASS
n41	30	100	528000	270@0	DFT_BPSK	96.860	101.540	PASS
n41	30	100	528000	270@0	DFT_QPSK	96.900	101.550	PASS
n41	30	100	528000	270@0	DFT_QAM16	96.900	101.560	PASS
n41	30	100	528000	270@0	DFT_QAM64	96.890	101.560	PASS
n41	30	100	528000	270@0	DFT_QAM256	96.920	101.620	PASS
n41	30	100	528000	273@0	CP_QPSK	97.670	102.820	PASS

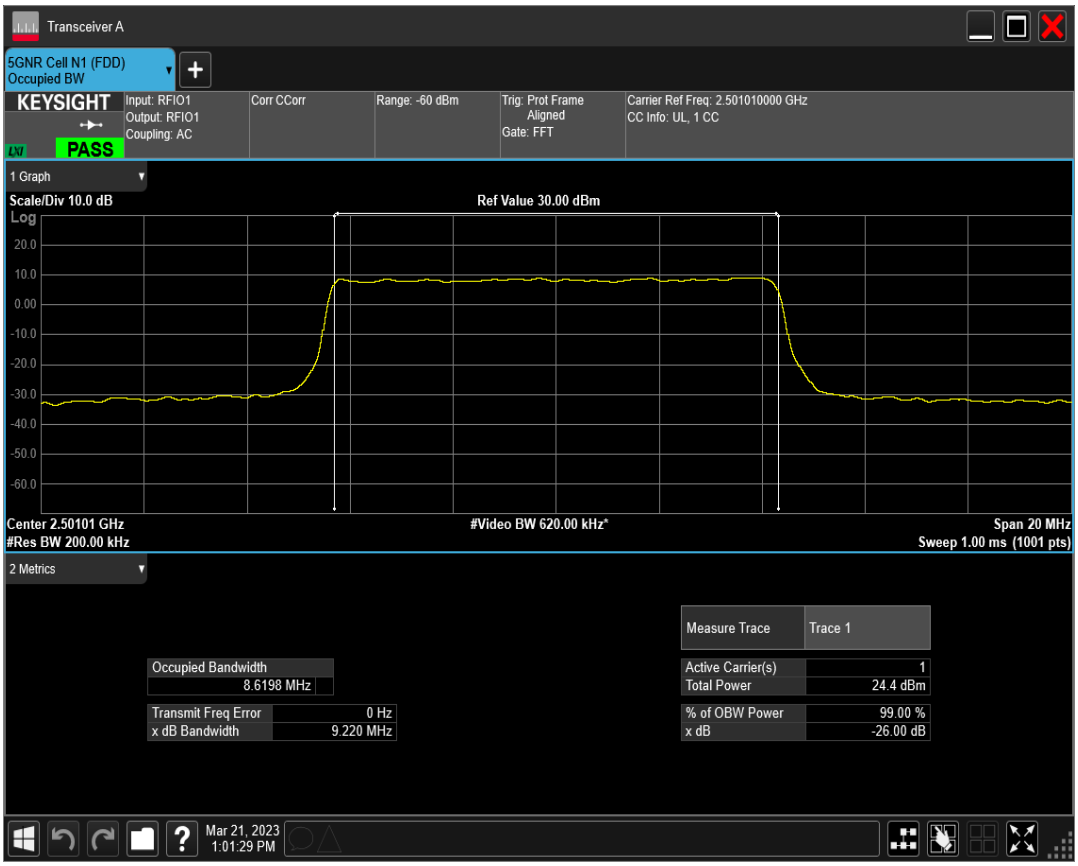
n41 SCS=30kHz DFT_BPSK BW=10MHz Channel=500202 RB=24@0



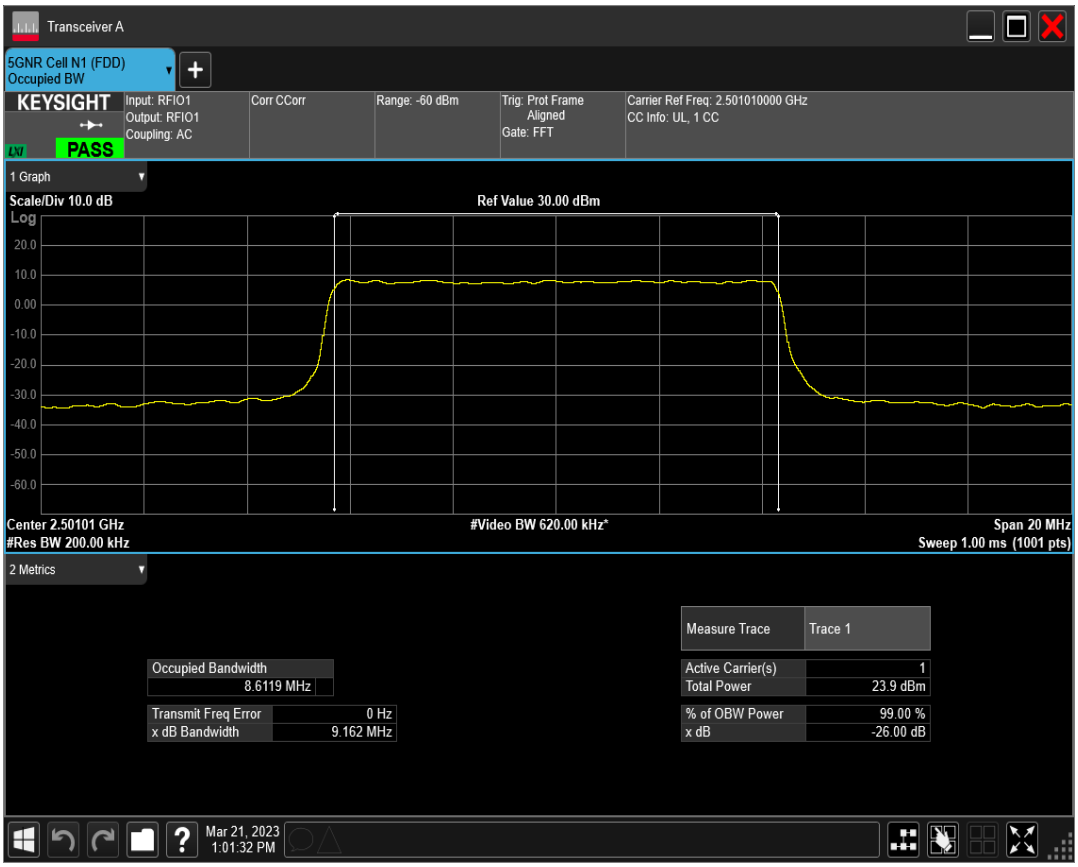
n41 SCS=30kHz DFT_QPSK BW=10MHz Channel=500202 RB=24@0



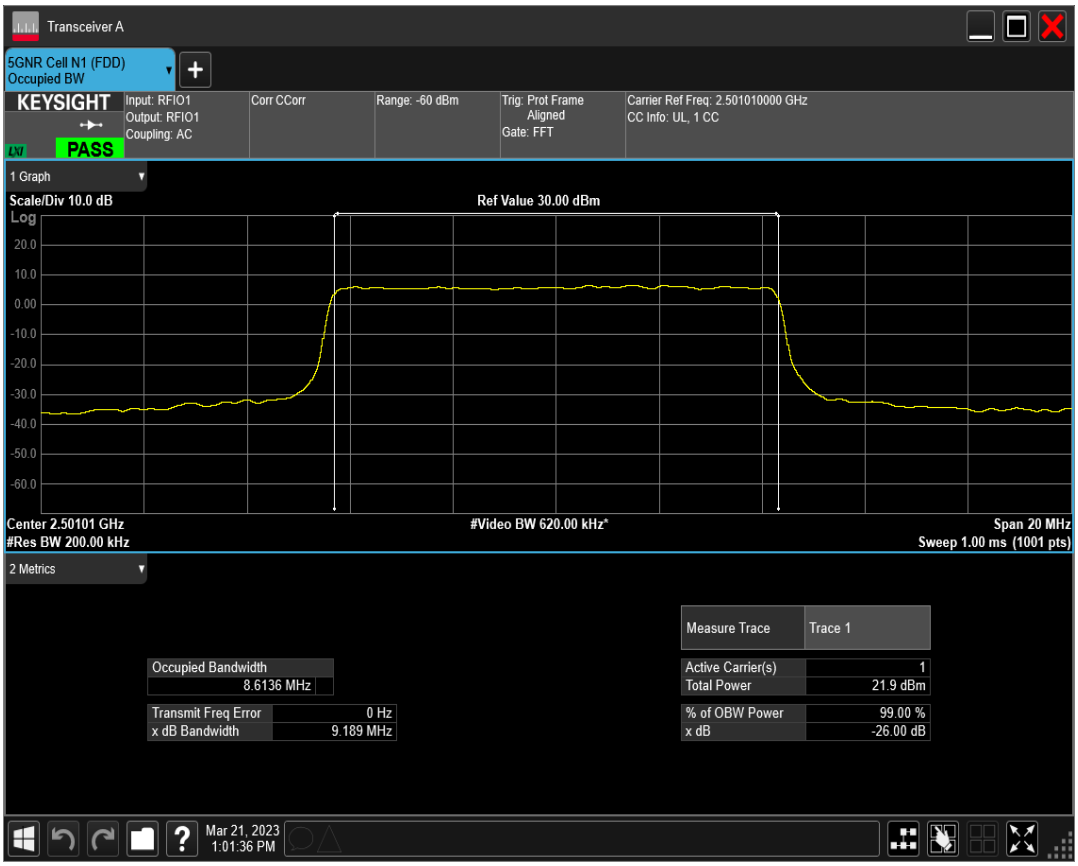
n41 SCS=30kHz DFT_QAM16 BW=10MHz Channel=500202 RB=24@0



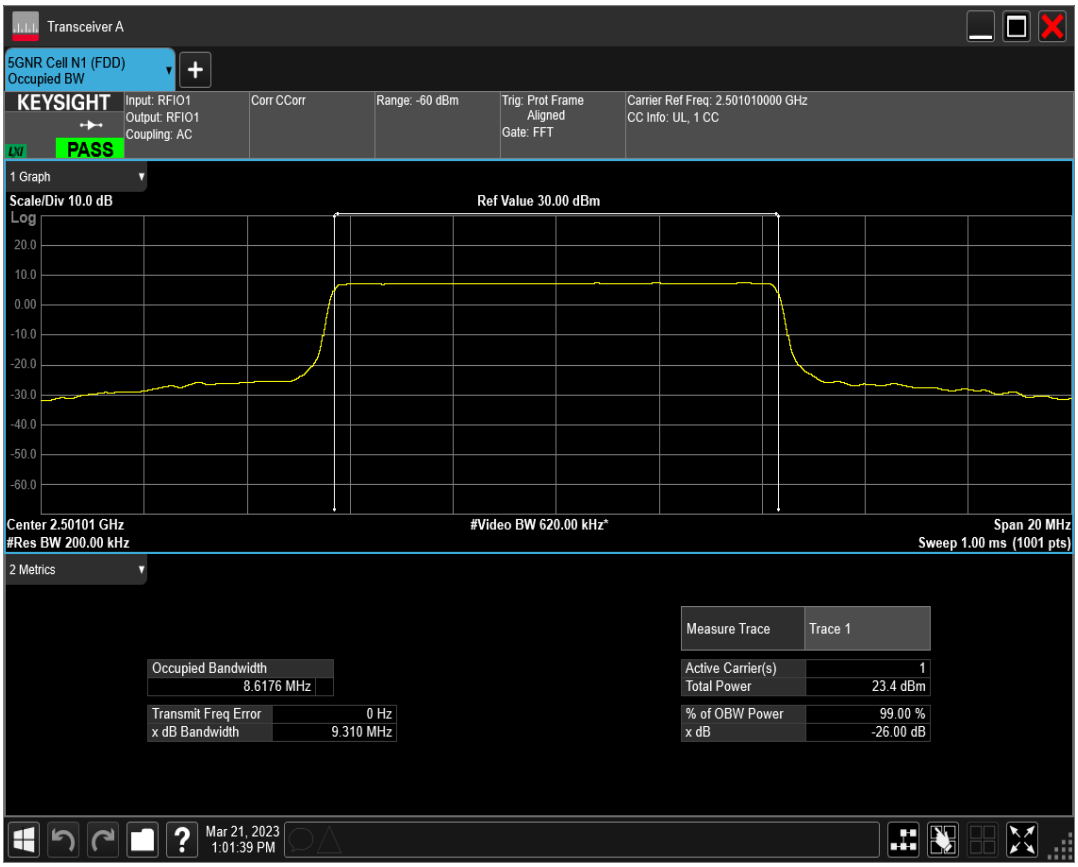
n41 SCS=30kHz DFT_QAM64 BW=10MHz Channel=500202 RB=24@0



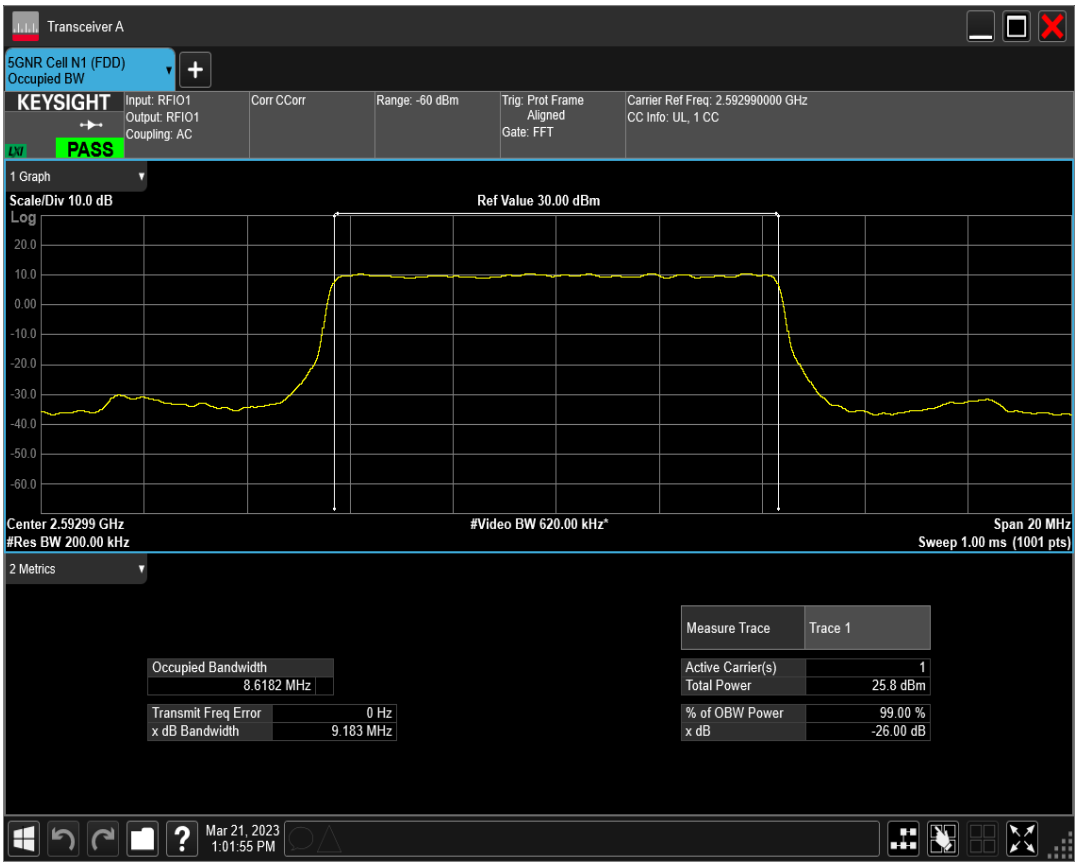
n41 SCS=30kHz DFT_QAM256 BW=10MHz Channel=500202 RB=24@0



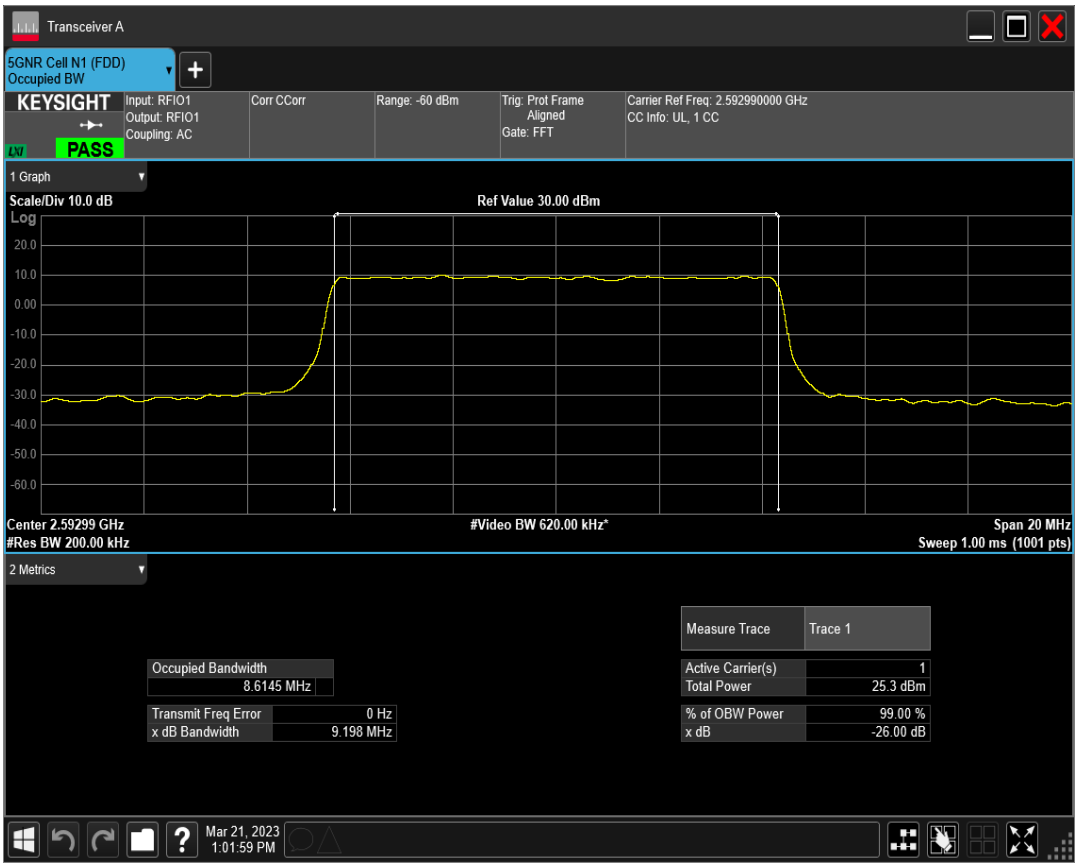
n41 SCS=30kHz CP_QPSK BW=10MHz Channel=500202 RB=24@0



n41 SCS=30kHz DFT_BPSK BW=10MHz Channel=518598 RB=24@0



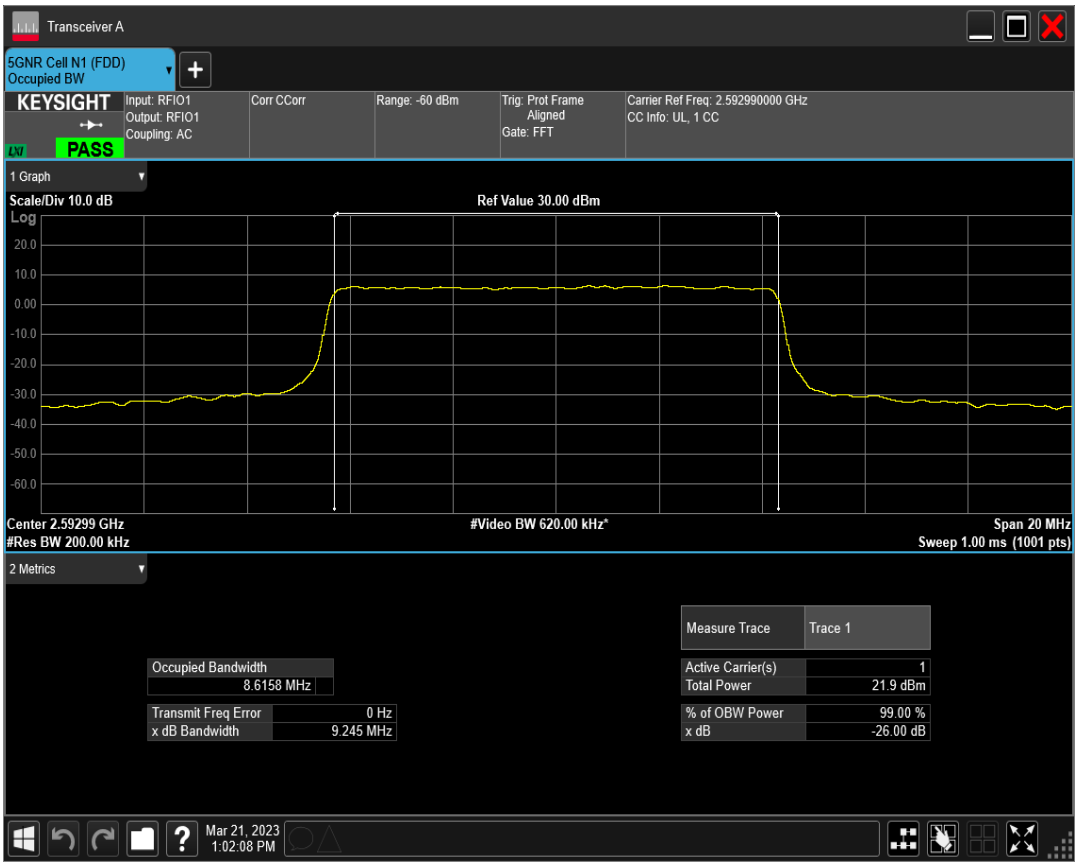
n41 SCS=30kHz DFT_QPSK BW=10MHz Channel=518598 RB=24@0



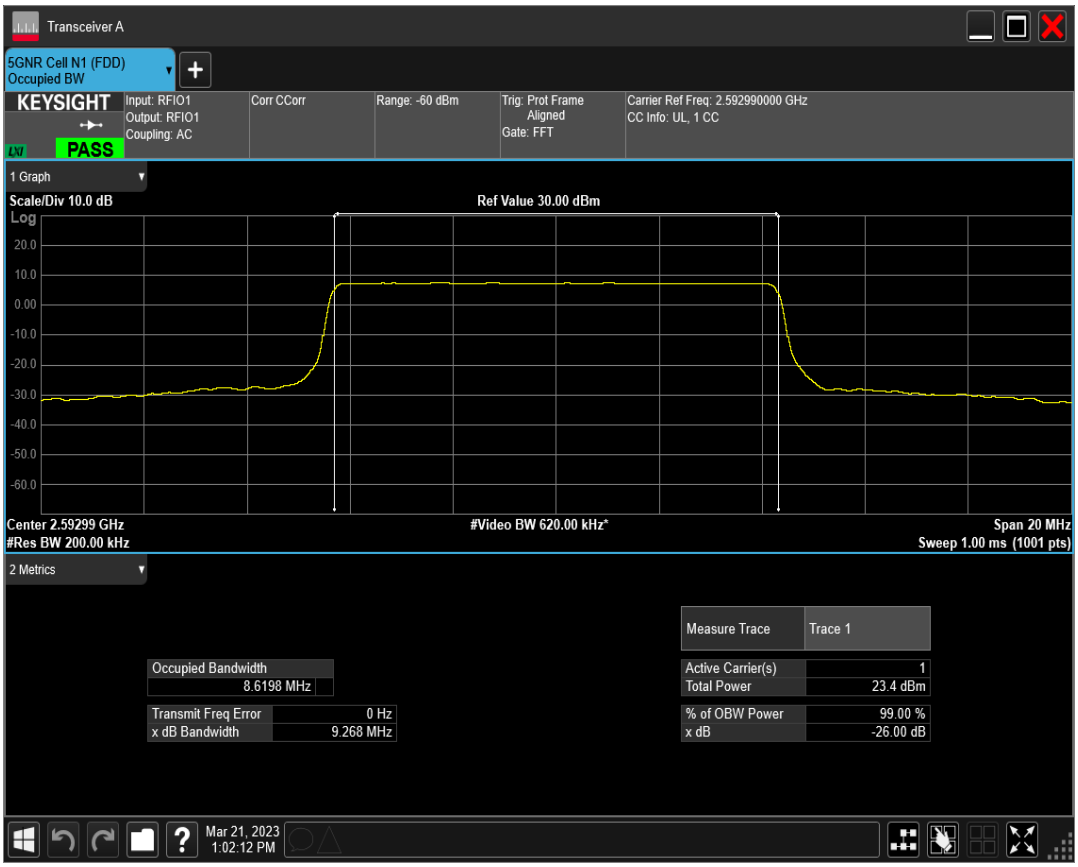
n41 SCS=30kHz DFT_QAM16 BW=10MHz Channel=518598 RB=24@0

n41 SCS=30kHz DFT_QAM64 BW=10MHz Channel=518598 RB=24@0

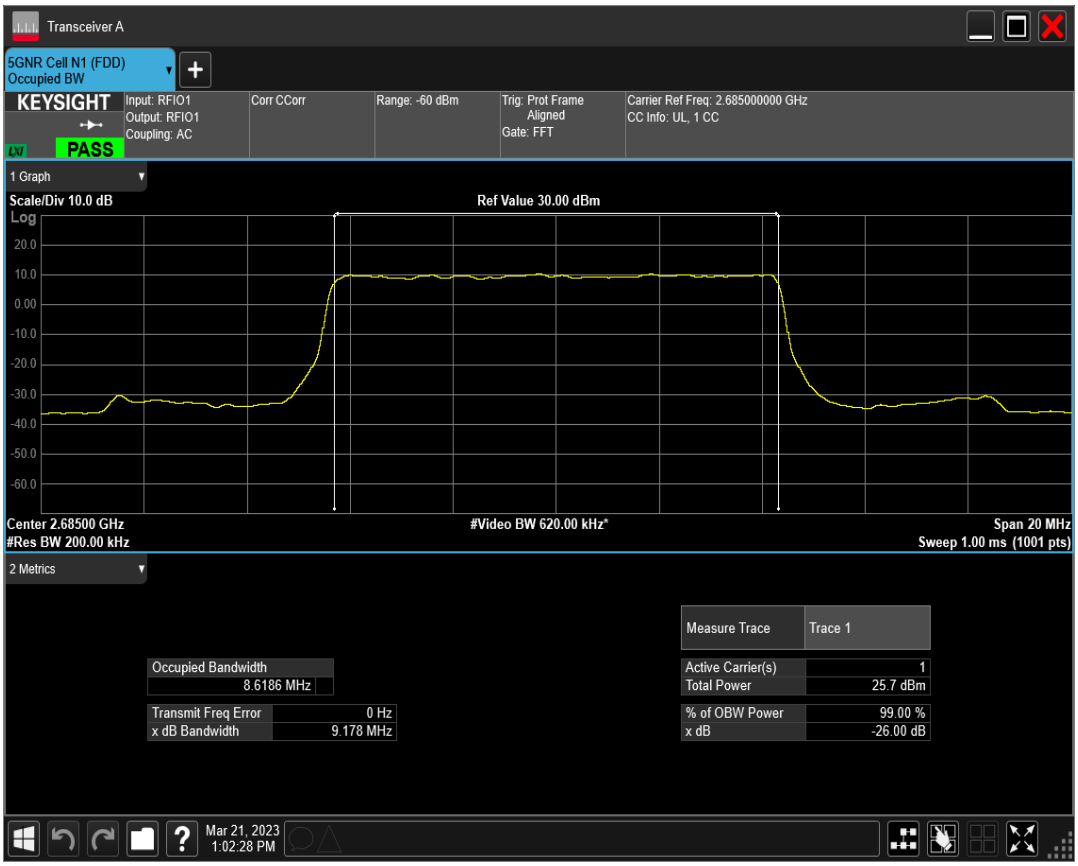
n41 SCS=30kHz DFT_QAM256 BW=10MHz Channel=518598 RB=24@0



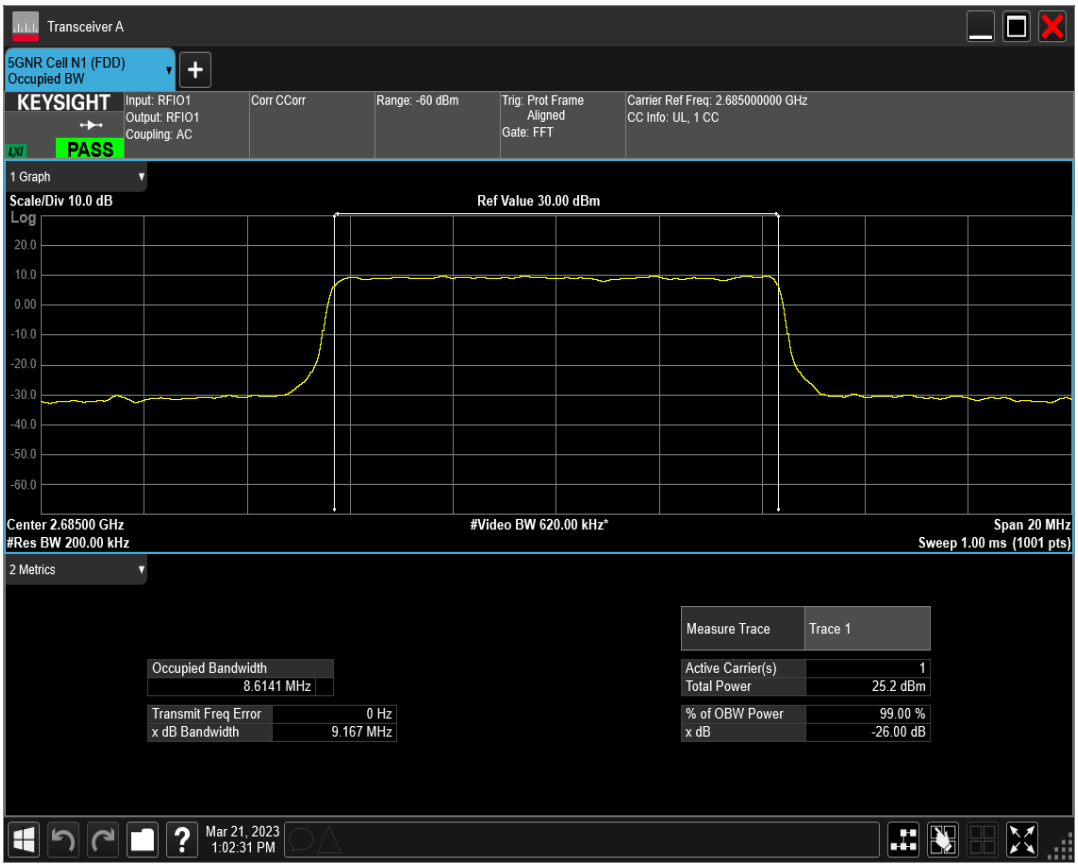
n41 SCS=30kHz CP_QPSK BW=10MHz Channel=518598 RB=24@0



n41 SCS=30kHz DFT_BPSK BW=10MHz Channel=537000 RB=24@0

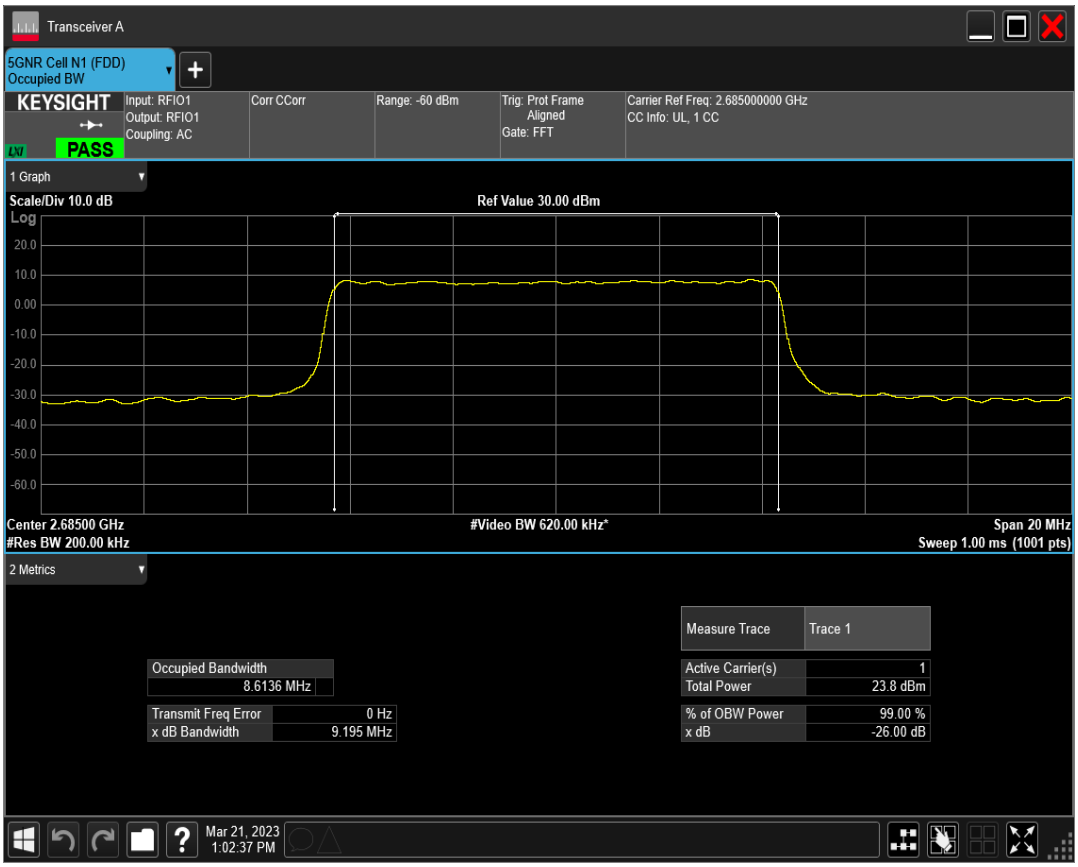


n41 SCS=30kHz DFT_QPSK BW=10MHz Channel=537000 RB=24@0

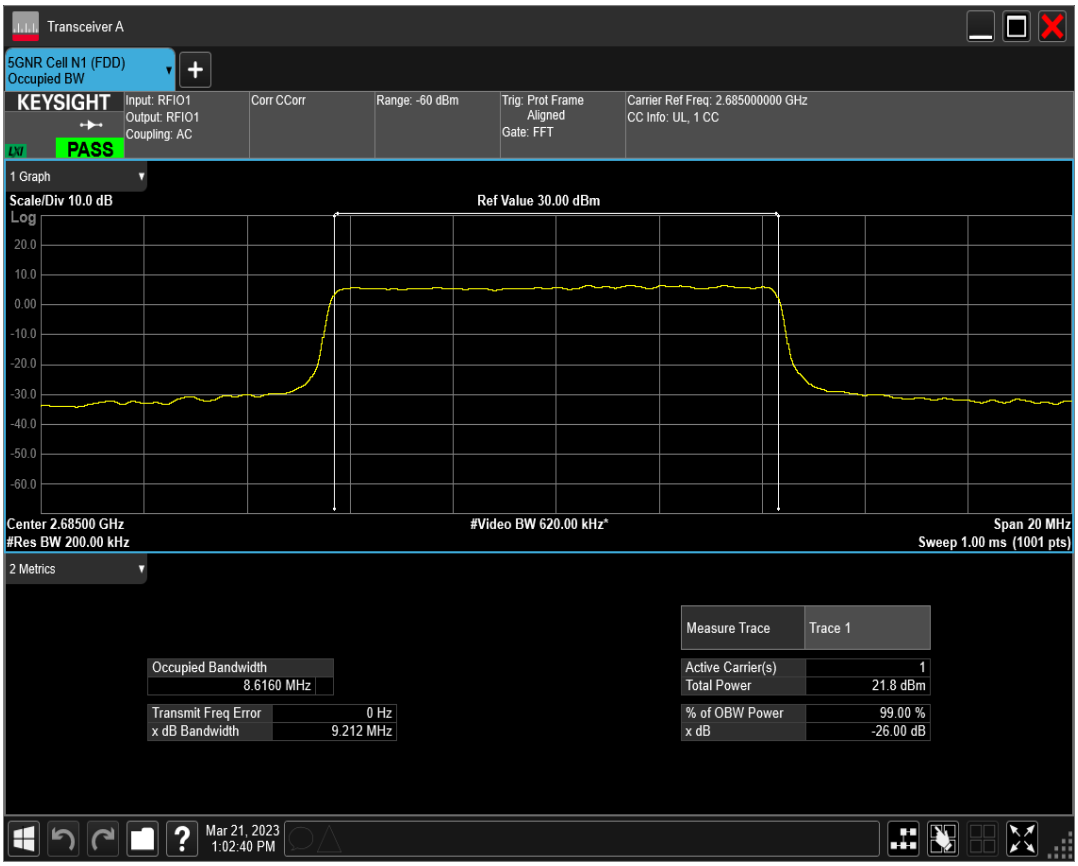


n41 SCS=30kHz DFT_QAM16 BW=10MHz Channel=537000 RB=24@0

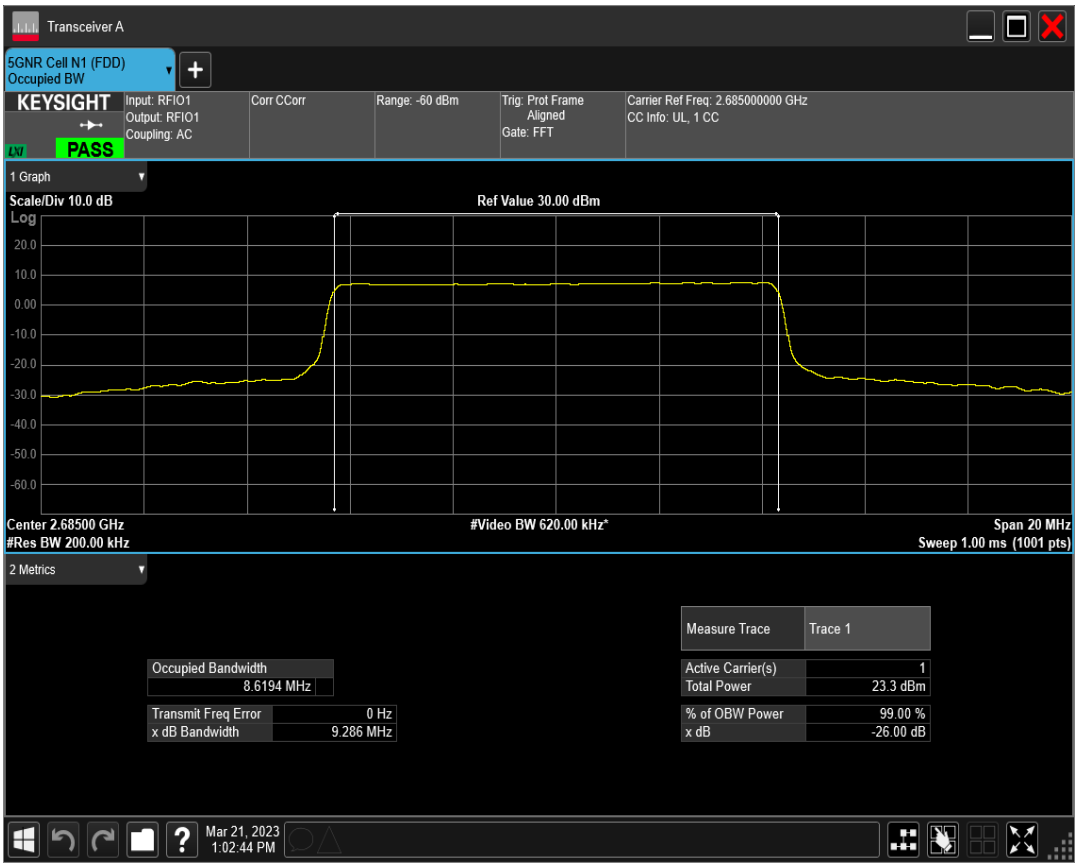
n41 SCS=30kHz DFT_QAM64 BW=10MHz Channel=537000 RB=24@0



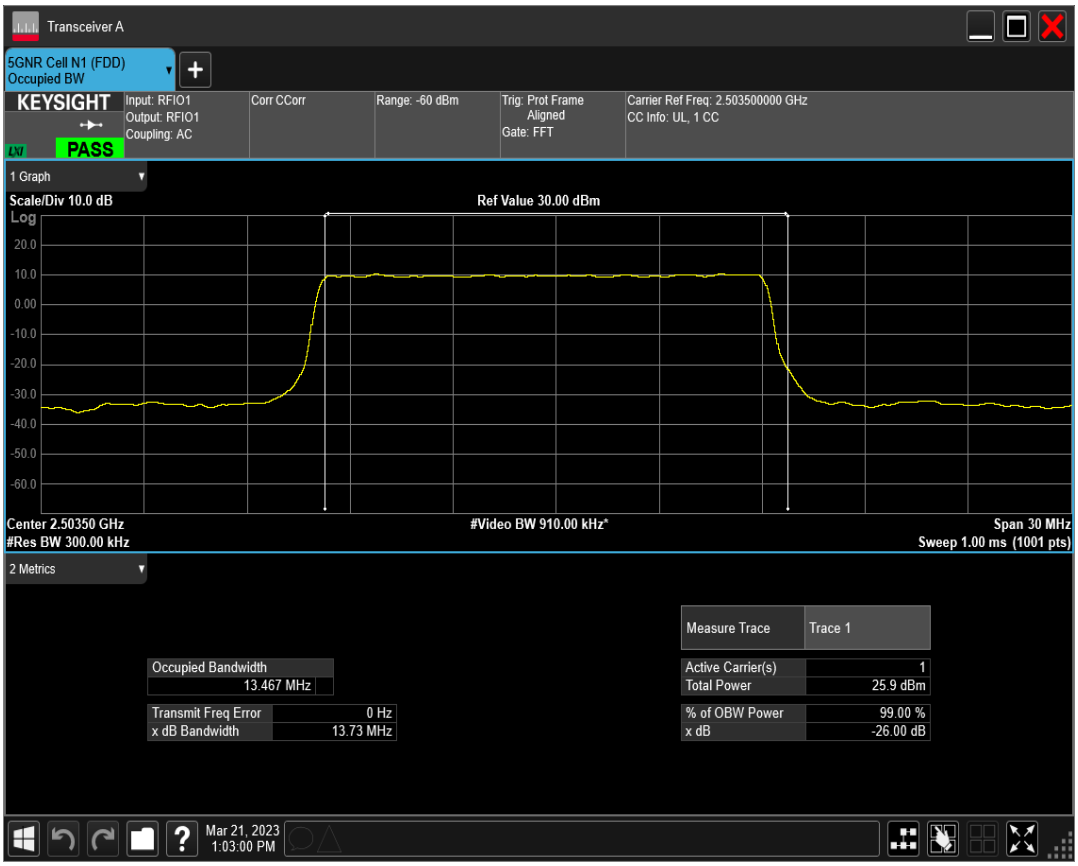
n41 SCS=30kHz DFT_QAM256 BW=10MHz Channel=537000 RB=24@0



n41 SCS=30kHz CP_QPSK BW=10MHz Channel=537000 RB=24@0



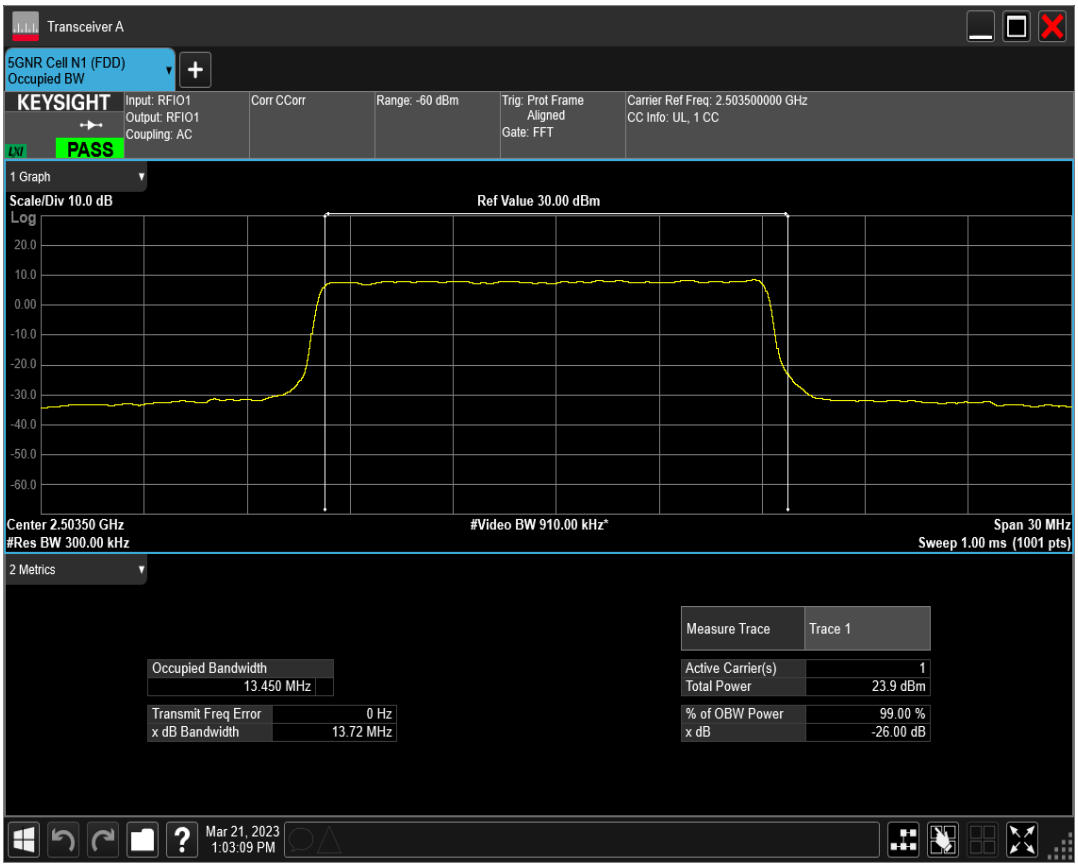
n41 SCS=30kHz DFT_BPSK BW=15MHz Channel=500700 RB=36@0



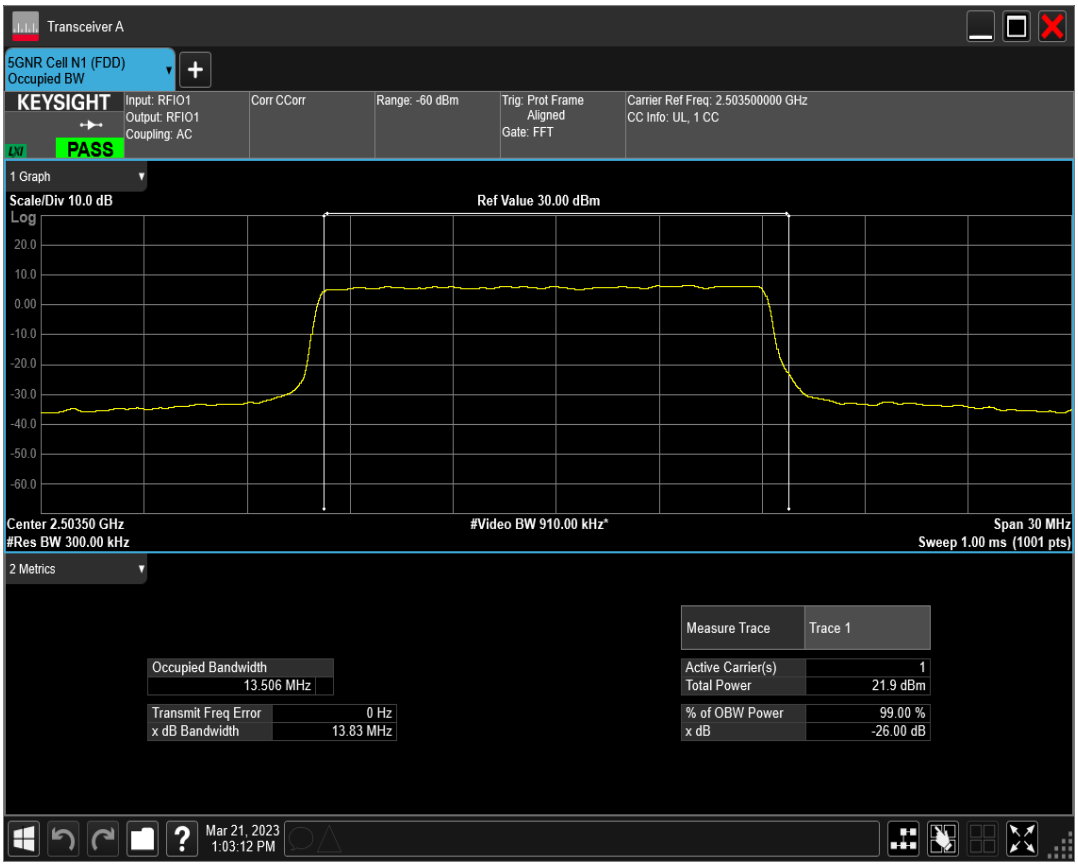
n41 SCS=30kHz DFT_QPSK BW=15MHz Channel=500700 RB=36@0

n41 SCS=30kHz DFT_QAM16 BW=15MHz Channel=500700 RB=36@0

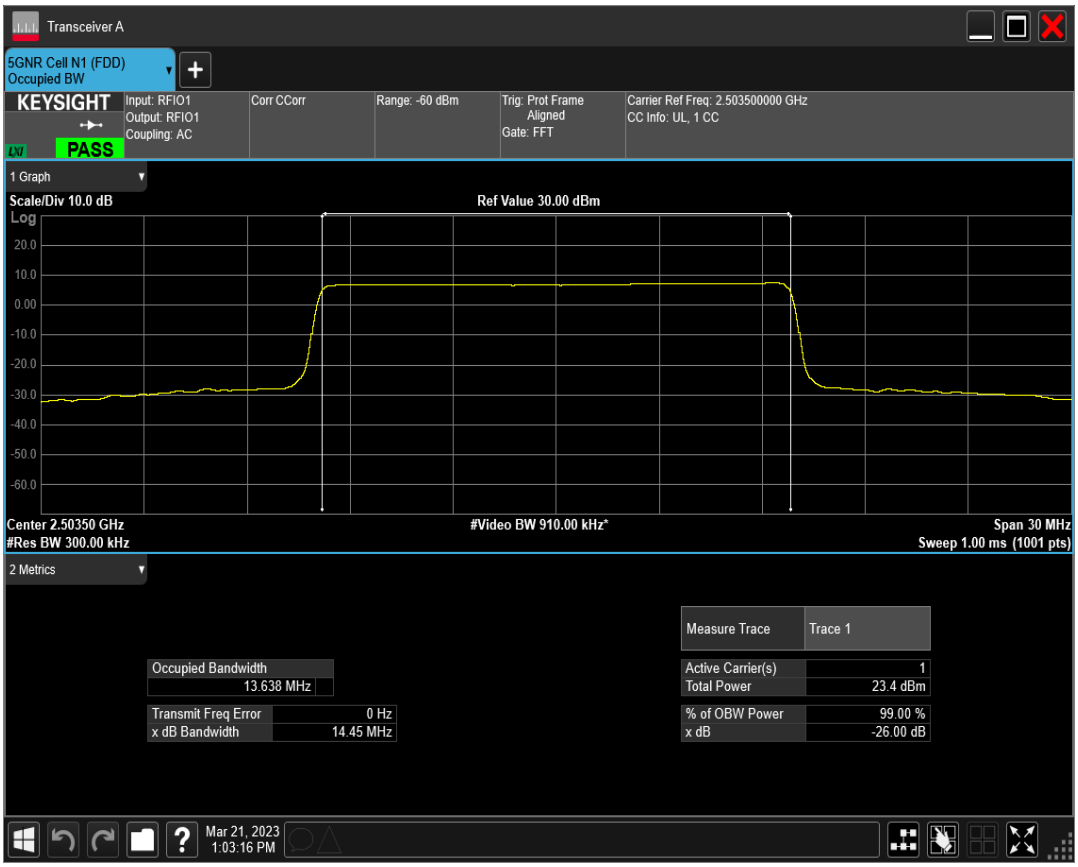
n41 SCS=30kHz DFT_QAM64 BW=15MHz Channel=500700 RB=36@0



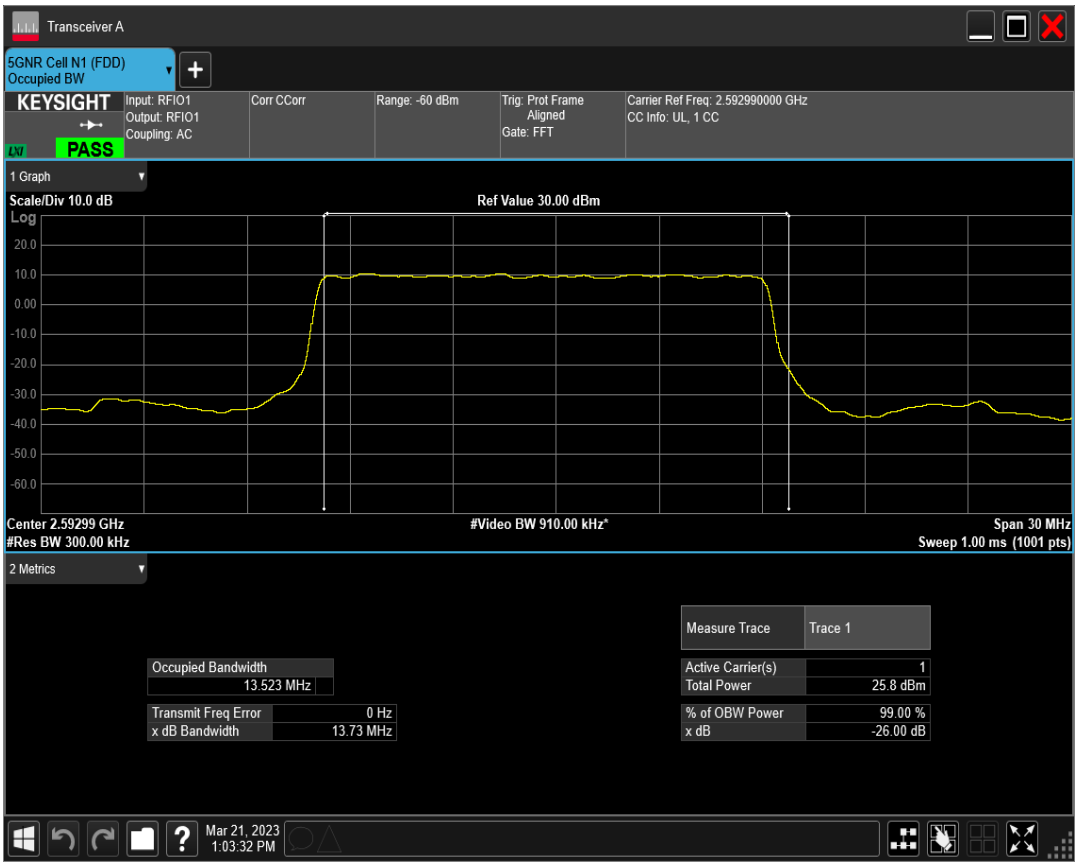
n41 SCS=30kHz DFT_QAM256 BW=15MHz Channel=500700 RB=36@0



n41 SCS=30kHz CP_QPSK BW=15MHz Channel=500700 RB=38@0



n41 SCS=30kHz DFT_BPSK BW=15MHz Channel=518598 RB=36@0



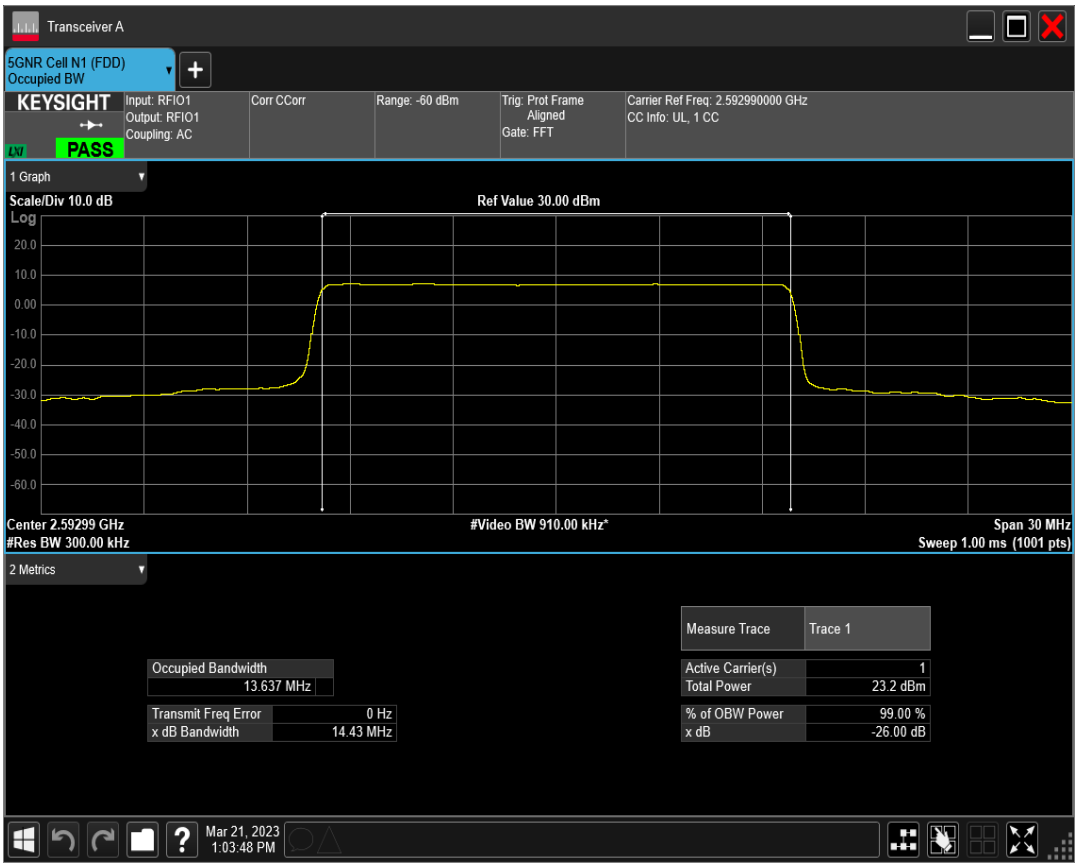
n41 SCS=30kHz DFT_QPSK BW=15MHz Channel=518598 RB=36@0

n41 SCS=30kHz DFT_QAM16 BW=15MHz Channel=518598 RB=36@0

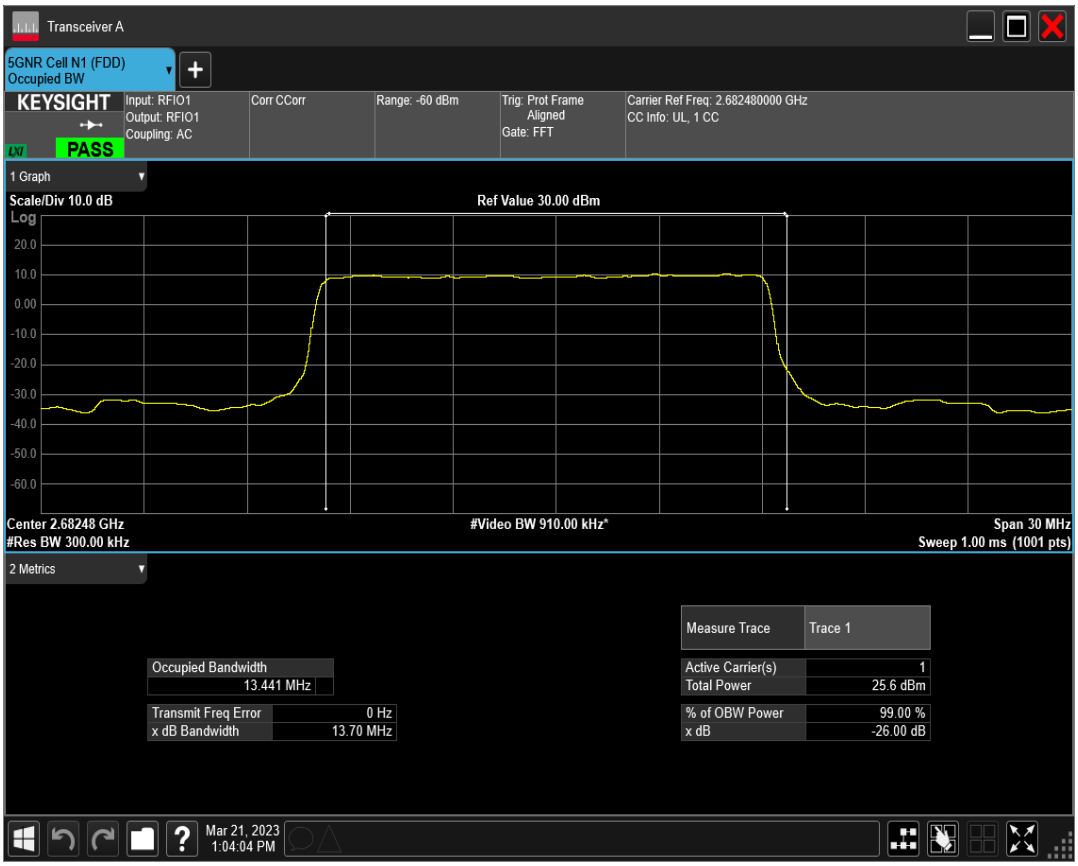
n41 SCS=30kHz DFT_QAM64 BW=15MHz Channel=518598 RB=36@0

n41 SCS=30kHz DFT_QAM256 BW=15MHz Channel=518598 RB=36@0

n41 SCS=30kHz CP_QPSK BW=15MHz Channel=518598 RB=38@0



n41 SCS=30kHz DFT_BPSK BW=15MHz Channel=536496 RB=36@0

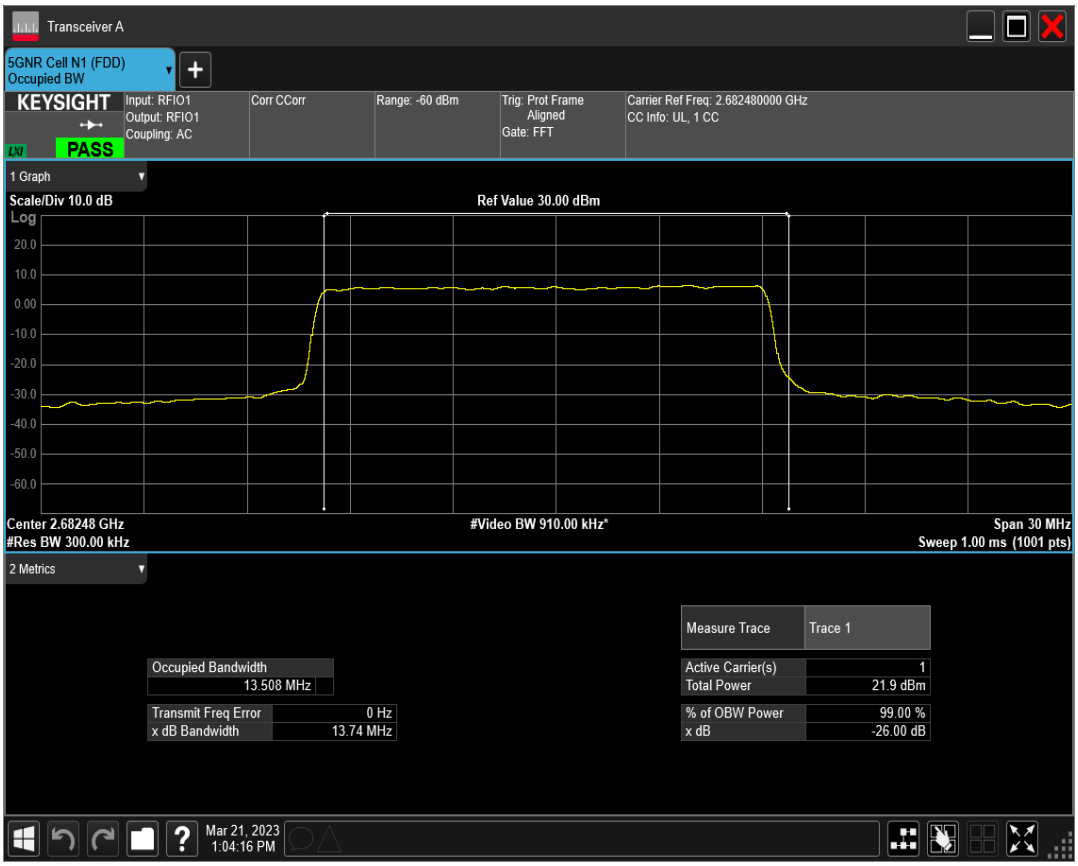


n41 SCS=30kHz DFT_QPSK BW=15MHz Channel=536496 RB=36@0

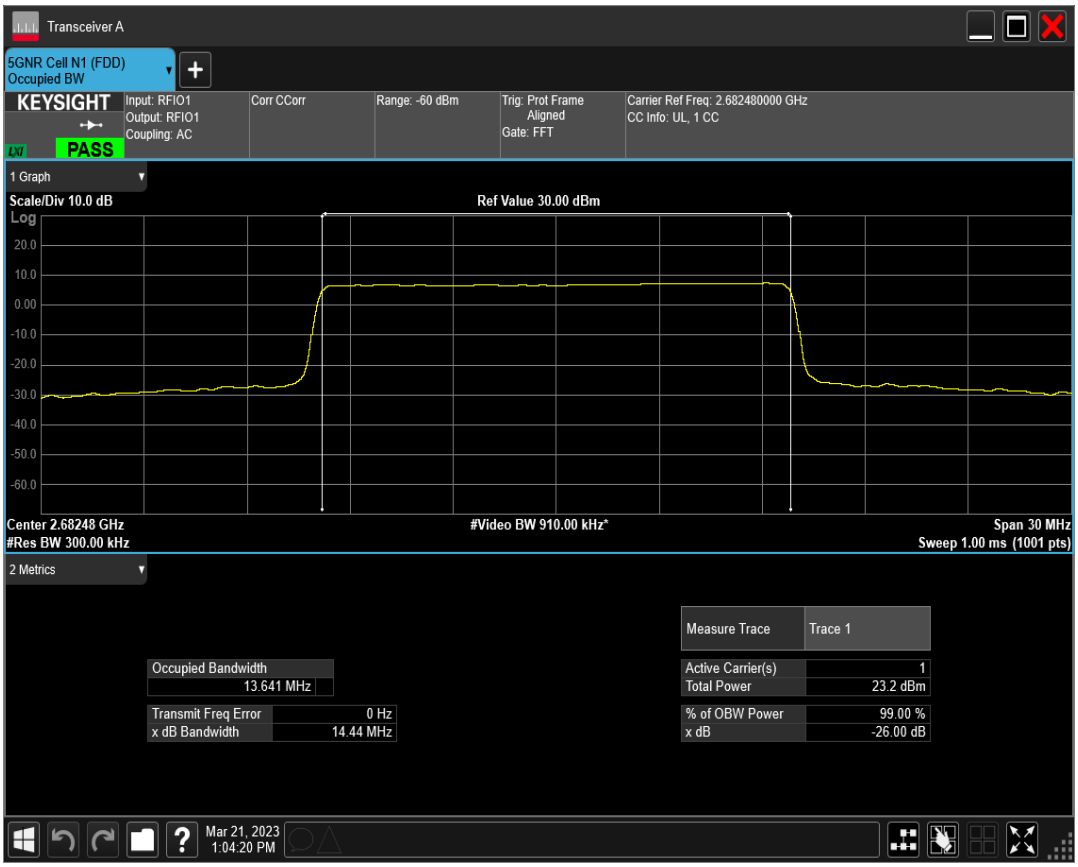
n41 SCS=30kHz DFT_QAM16 BW=15MHz Channel=536496 RB=36@0

n41 SCS=30kHz DFT_QAM64 BW=15MHz Channel=536496 RB=36@0

n41 SCS=30kHz DFT_QAM256 BW=15MHz Channel=536496 RB=36@0



n41 SCS=30kHz CP_QPSK BW=15MHz Channel=536496 RB=38@0



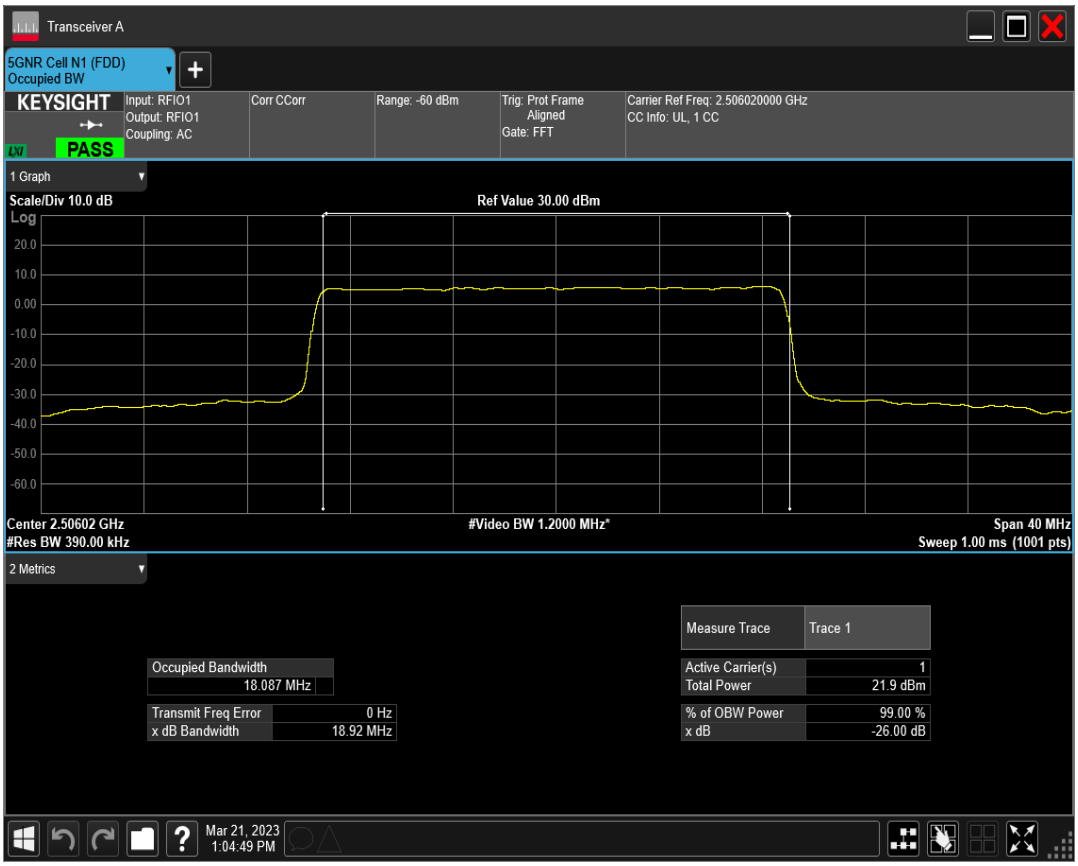
n41 SCS=30kHz DFT_BPSK BW=20MHz Channel=501204 RB=50@0

n41 SCS=30kHz DFT_QPSK BW=20MHz Channel=501204 RB=50@0

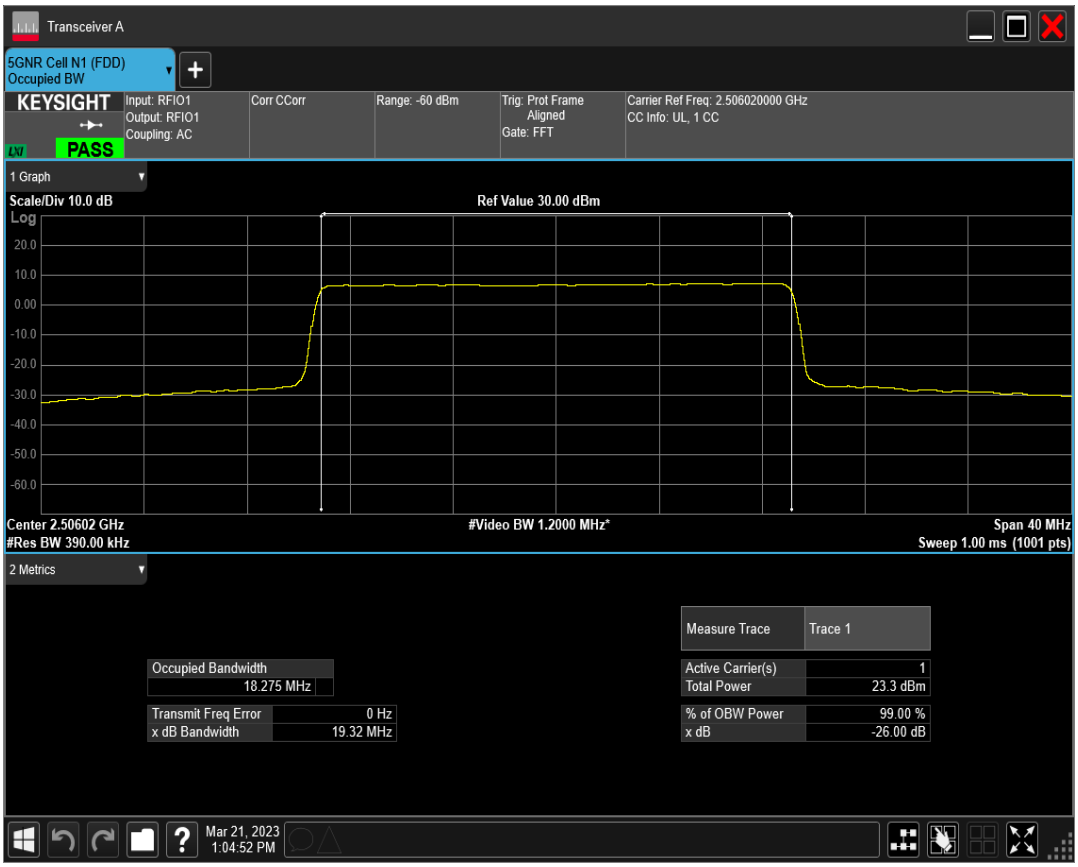
n41 SCS=30kHz DFT_QAM16 BW=20MHz Channel=501204 RB=50@0

n41 SCS=30kHz DFT_QAM64 BW=20MHz Channel=501204 RB=50@0

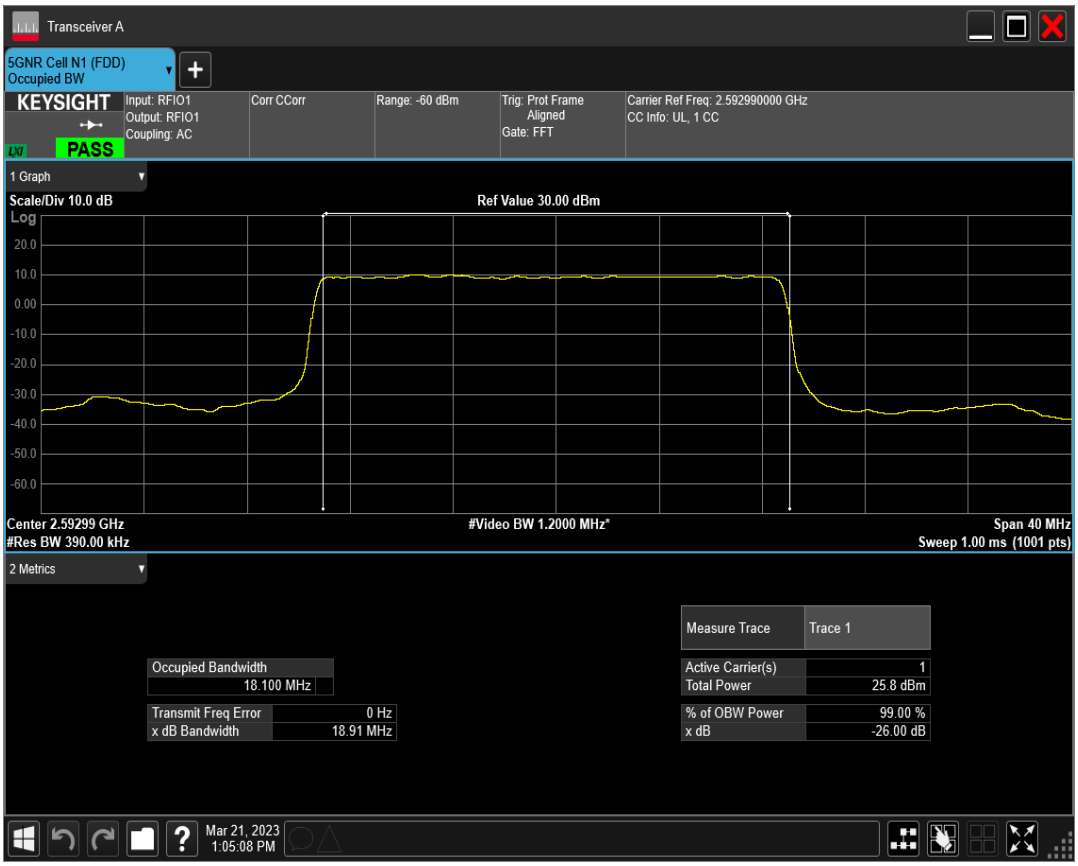
n41 SCS=30kHz DFT_QAM256 BW=20MHz Channel=501204 RB=50@0



n41 SCS=30kHz CP_QPSK BW=20MHz Channel=501204 RB=51@0



n41 SCS=30kHz DFT_BPSK BW=20MHz Channel=518598 RB=50@0

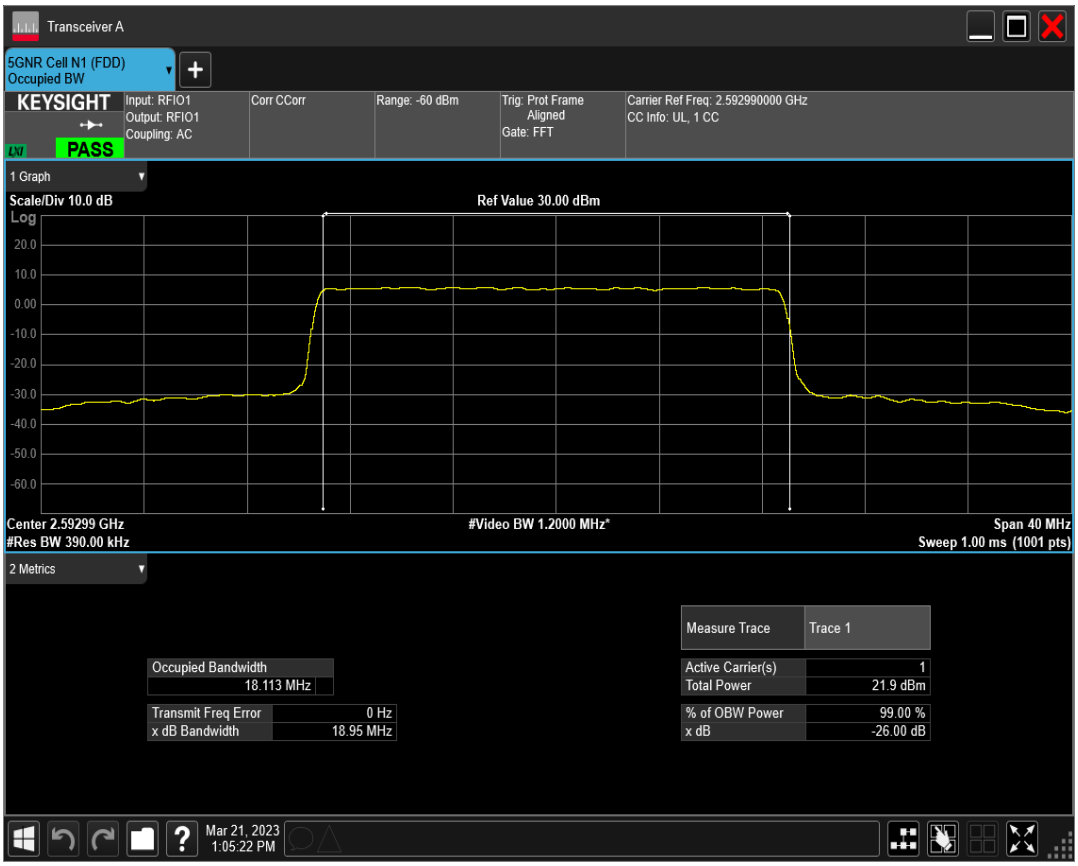


n41 SCS=30kHz DFT_QPSK BW=20MHz Channel=518598 RB=50@0

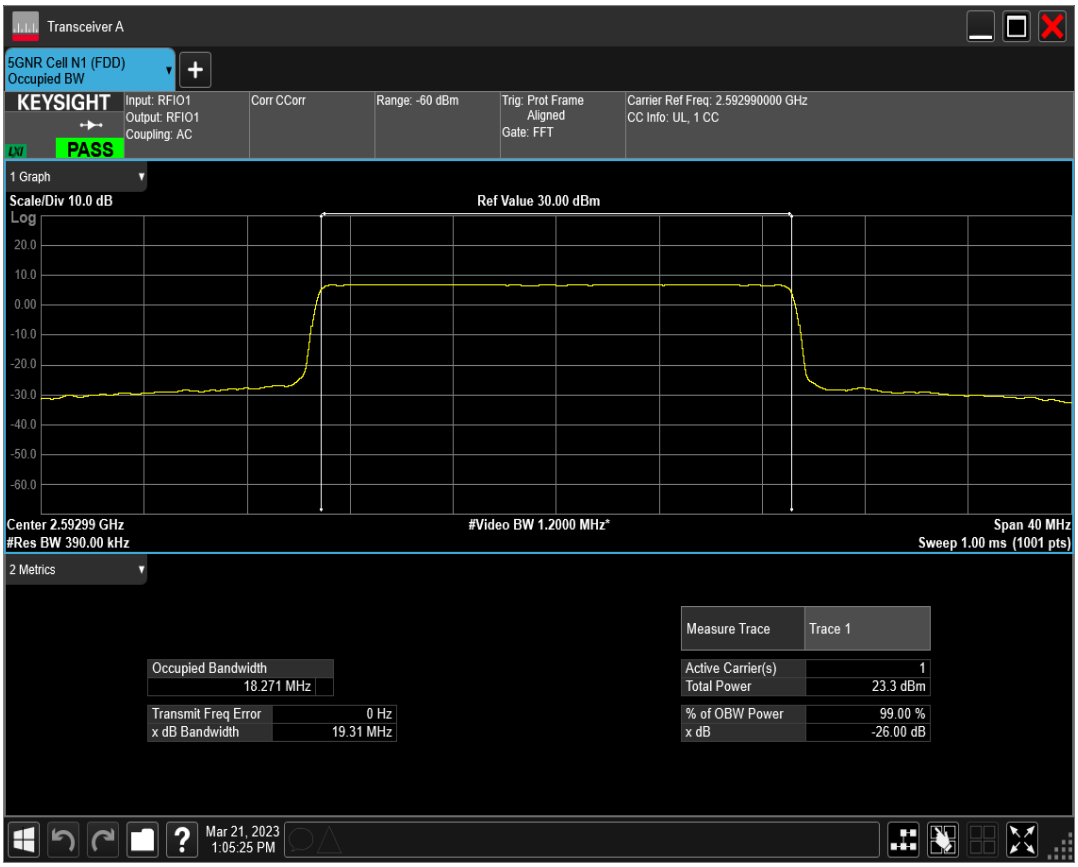
n41 SCS=30kHz DFT_QAM16 BW=20MHz Channel=518598 RB=50@0

n41 SCS=30kHz DFT_QAM64 BW=20MHz Channel=518598 RB=50@0

n41 SCS=30kHz DFT_QAM256 BW=20MHz Channel=518598 RB=50@0



n41 SCS=30kHz CP_QPSK BW=20MHz Channel=518598 RB=51@0



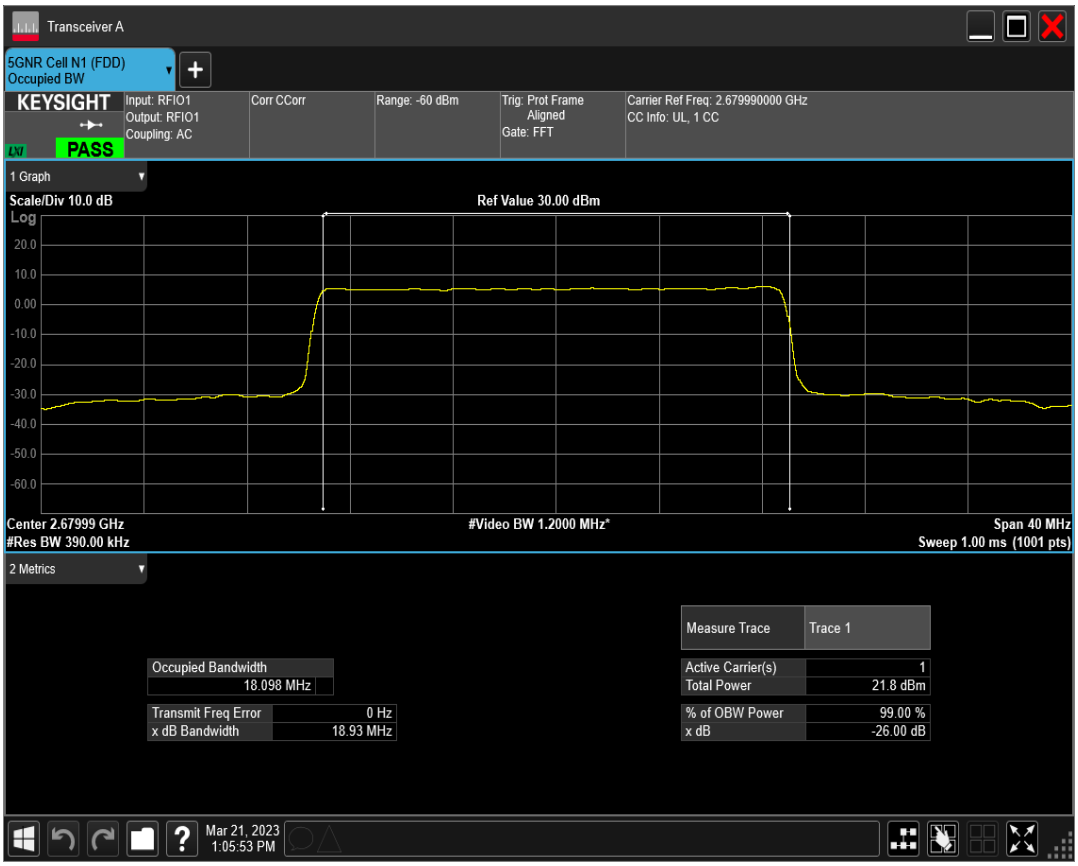
n41 SCS=30kHz DFT_BPSK BW=20MHz Channel=535998 RB=50@0

n41 SCS=30kHz DFT_QPSK BW=20MHz Channel=535998 RB=50@0

n41 SCS=30kHz DFT_QAM16 BW=20MHz Channel=535998 RB=50@0

n41 SCS=30kHz DFT_QAM64 BW=20MHz Channel=535998 RB=50@0

n41 SCS=30kHz DFT_QAM256 BW=20MHz Channel=535998 RB=50@0



n41 SCS=30kHz CP_QPSK BW=20MHz Channel=535998 RB=51@0

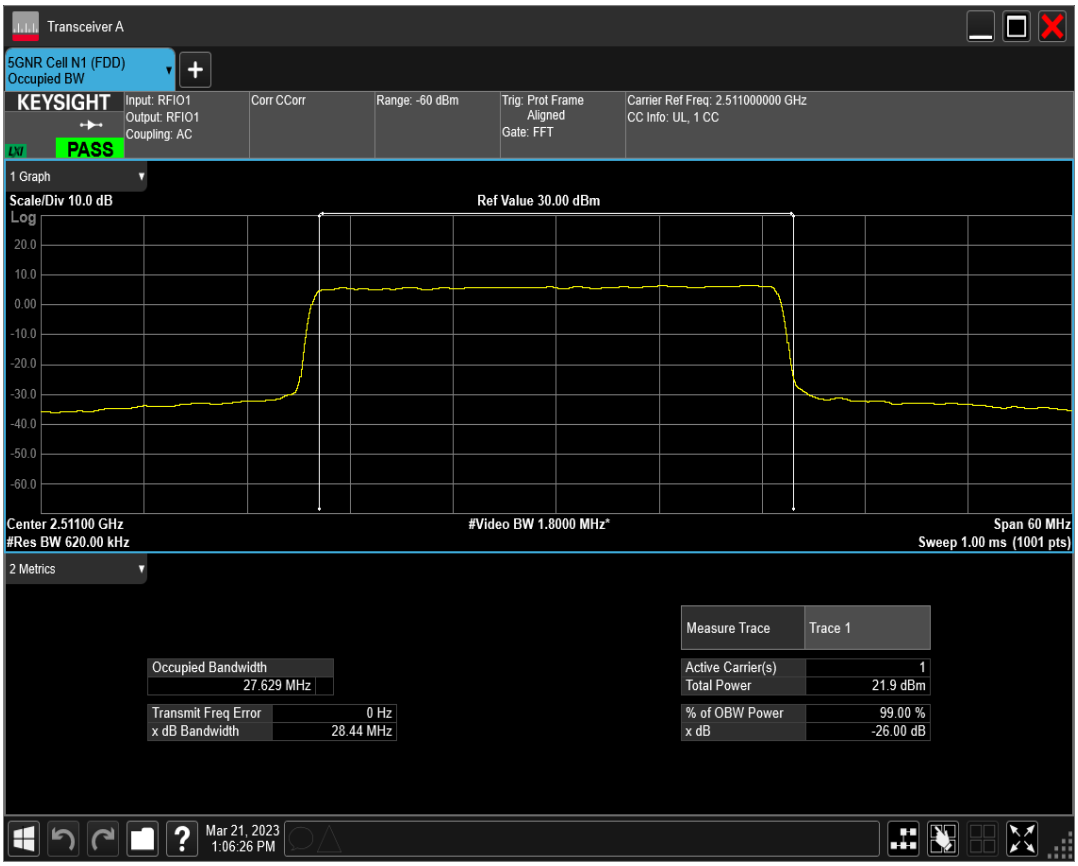
n41 SCS=30kHz DFT_BPSK BW=30MHz Channel=502200 RB=75@0

n41 SCS=30kHz DFT_QPSK BW=30MHz Channel=502200 RB=75@0

n41 SCS=30kHz DFT_QAM16 BW=30MHz Channel=502200 RB=75@0

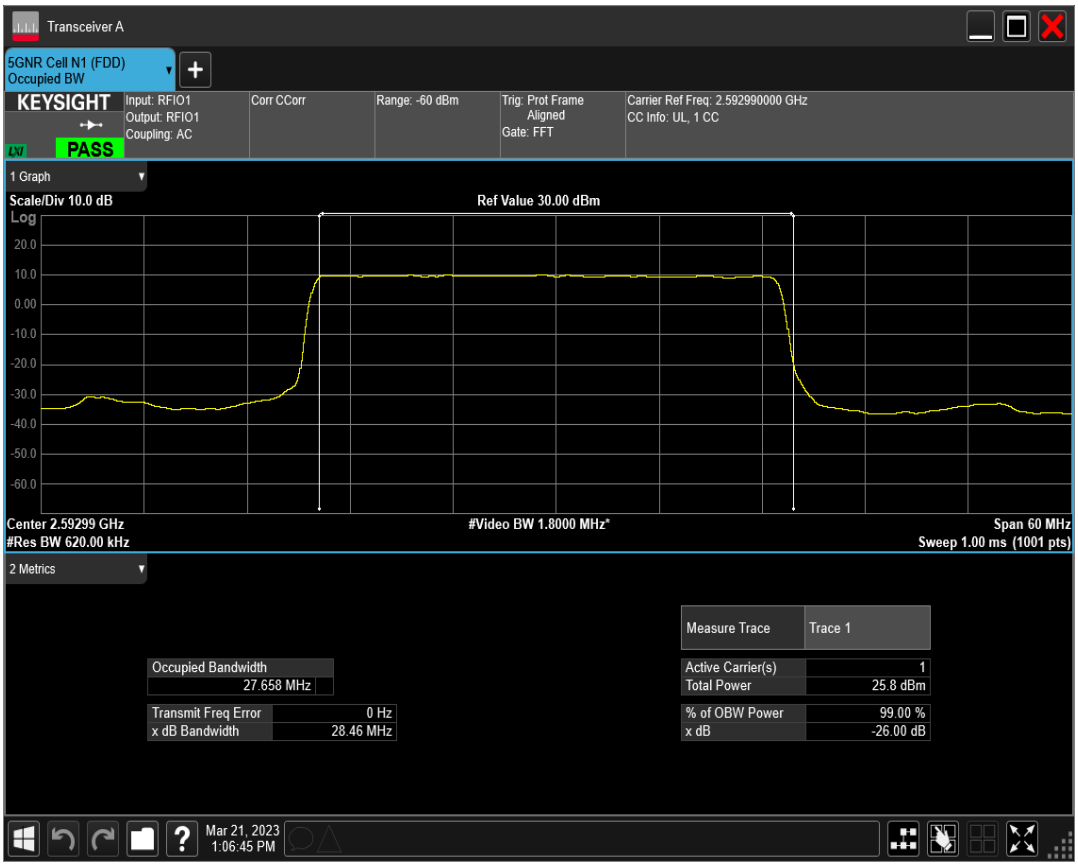
n41 SCS=30kHz DFT_QAM64 BW=30MHz Channel=502200 RB=75@0

n41 SCS=30kHz DFT_QAM256 BW=30MHz Channel=502200 RB=75@0



n41 SCS=30kHz CP_QPSK BW=30MHz Channel=502200 RB=78@0

n41 SCS=30kHz DFT_BPSK BW=30MHz Channel=518598 RB=75@0

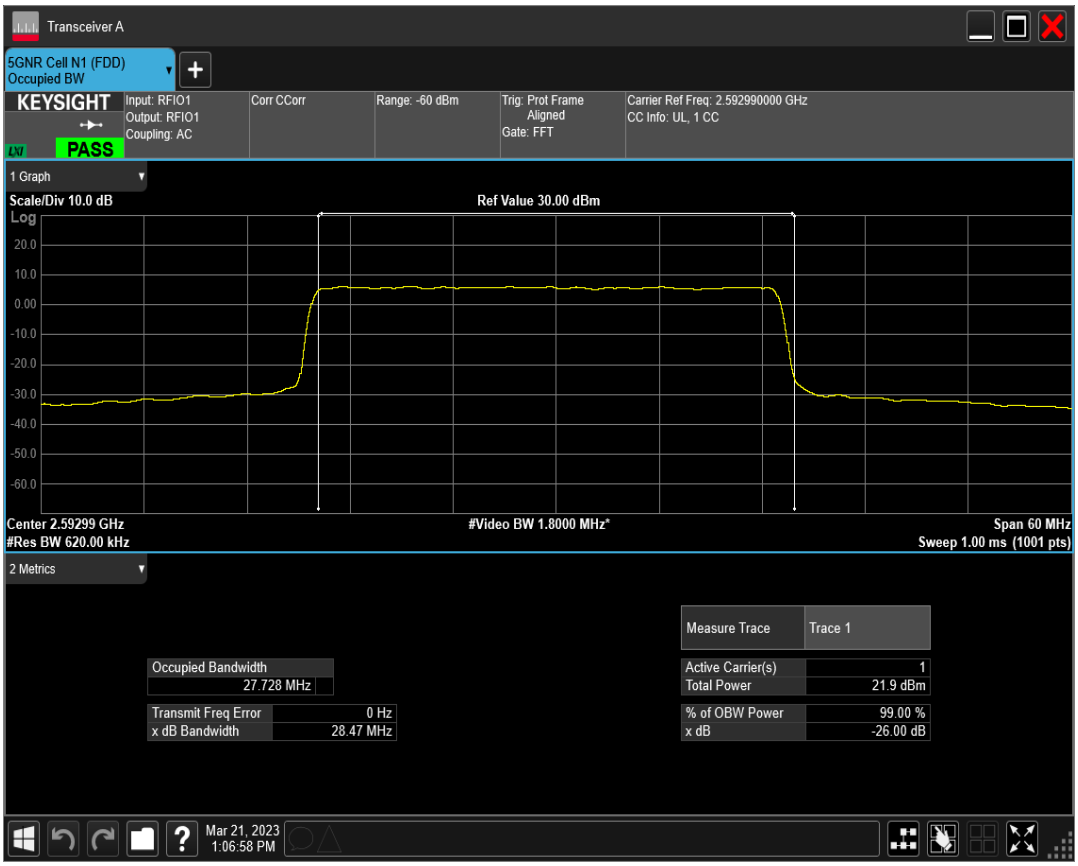


n41 SCS=30kHz DFT_QPSK BW=30MHz Channel=518598 RB=75@0

n41 SCS=30kHz DFT_QAM16 BW=30MHz Channel=518598 RB=75@0

n41 SCS=30kHz DFT_QAM64 BW=30MHz Channel=518598 RB=75@0

n41 SCS=30kHz DFT_QAM256 BW=30MHz Channel=518598 RB=75@0



n41 SCS=30kHz CP_QPSK BW=30MHz Channel=518598 RB=78@0