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
n38	15	5	514500	12@6	DFT_BPSK	24.20	-0.38	23.82	33.01	PASS
n38	15	5	514500	1@1	DFT_BPSK	24.10	-0.38	23.72	33.01	PASS
n38	15	5	514500	1@23	DFT_BPSK	24.15	-0.38	23.77	33.01	PASS
n38	15	5	514500	12@6	DFT_QPSK	24.18	-0.38	23.80	33.01	PASS
n38	15	5	514500	1@1	DFT_QPSK	23.99	-0.38	23.61	33.01	PASS
n38	15	5	514500	1@23	DFT_QPSK	24.00	-0.38	23.62	33.01	PASS
n38	15	5	514500	12@6	DFT_QAM16	23.20	-0.38	22.82	33.01	PASS
n38	15	5	514500	1@1	DFT_QAM16	23.53	-0.38	23.15	33.01	PASS
n38	15	5	514500	1@23	DFT_QAM16	23.59	-0.38	23.21	33.01	PASS
n38	15	5	514500	12@6	DFT_QAM64	21.60	-0.38	21.22	33.01	PASS
n38	15	5	514500	1@1	DFT_QAM64	21.57	-0.38	21.19	33.01	PASS
n38	15	5	514500	1@23	DFT_QAM64	21.82	-0.38	21.44	33.01	PASS
n38	15	5	514500	12@6	DFT_QAM256	19.71	-0.38	19.33	33.01	PASS
n38	15	5	514500	1@1	DFT_QAM256	19.92	-0.38	19.54	33.01	PASS
n38	15	5	514500	1@23	DFT_QAM256	19.85	-0.38	19.47	33.01	PASS
n38	15	5	514500	13@6	CP_QPSK	22.61	-0.38	22.23	33.01	PASS
n38	15	5	514500	1@1	CP_QPSK	22.52	-0.38	22.14	33.01	PASS
n38	15	5	514500	1@23	CP_QPSK	22.55	-0.38	22.17	33.01	PASS
n38	15	5	514500	13@6	CP_QAM16	22.19	-0.38	21.81	33.01	PASS
n38	15	5	514500	1@1	CP_QAM16	22.45	-0.38	22.07	33.01	PASS
n38	15	5	514500	1@23	CP_QAM16	22.45	-0.38	22.07	33.01	PASS
n38	15	5	514500	13@6	CP_QAM64	20.65	-0.38	20.27	33.01	PASS
n38	15	5	514500	1@1	CP_QAM64	20.85	-0.38	20.47	33.01	PASS
n38	15	5	514500	1@23	CP_QAM64	20.92	-0.38	20.54	33.01	PASS
n38	15	5	514500	13@6	CP_QAM256	17.57	-0.38	17.19	33.01	PASS
n38	15	5	514500	1@1	CP_QAM256	17.12	-0.38	16.74	33.01	PASS
n38	15	5	514500	1@23	CP_QAM256	18.02	-0.38	17.64	33.01	PASS
n38	15	5	518500	12@6	DFT_BPSK	24.21	-0.38	23.83	33.01	PASS
n38	15	5	518500	1@1	DFT_BPSK	24.31	-0.38	23.93	33.01	PASS
n38	15	5	518500	1@23	DFT_BPSK	24.27	-0.38	23.89	33.01	PASS
n38	15	5	518500	12@6	DFT_QPSK	24.24	-0.38	23.86	33.01	PASS
n38	15	5	518500	1@1	DFT_QPSK	24.17	-0.38	23.79	33.01	PASS
n38	15	5	518500	1@23	DFT_QPSK	24.17	-0.38	23.79	33.01	PASS
n38	15	5	518500	12@6	DFT_QAM16	23.32	-0.38	22.94	33.01	PASS
n38	15	5	518500	1@1	DFT_QAM16	23.54	-0.38	23.16	33.01	PASS
n38	15	5	518500	1@23	DFT_QAM16	23.54	-0.38	23.16	33.01	PASS
n38	15	5	518500	12@6	DFT_QAM64	21.69	-0.38	21.31	33.01	PASS
n38	15	5	518500	1@1	DFT_QAM64	22.09	-0.38	21.71	33.01	PASS

n38	15	5	518500	1@23	DFT_QAM64	21.62	-0.38	21.24	33.01	PASS
n38	15	5	518500	12@6	DFT_QAM256	19.77	-0.38	19.39	33.01	PASS
n38	15	5	518500	1@1	DFT_QAM256	20.01	-0.38	19.63	33.01	PASS
n38	15	5	518500	1@23	DFT_QAM256	20.03	-0.38	19.65	33.01	PASS
n38	15	5	518500	13@6	CP_QPSK	22.71	-0.38	22.33	33.01	PASS
n38	15	5	518500	1@1	CP_QPSK	22.65	-0.38	22.27	33.01	PASS
n38	15	5	518500	1@23	CP_QPSK	22.67	-0.38	22.29	33.01	PASS
n38	15	5	518500	13@6	CP_QAM16	22.20	-0.38	21.82	33.01	PASS
n38	15	5	518500	1@1	CP_QAM16	22.25	-0.38	21.87	33.01	PASS
n38	15	5	518500	1@23	CP_QAM16	22.46	-0.38	22.08	33.01	PASS
n38	15	5	518500	13@6	CP_QAM64	20.68	-0.38	20.30	33.01	PASS
n38	15	5	518500	1@1	CP_QAM64	21.06	-0.38	20.68	33.01	PASS
n38	15	5	518500	1@23	CP_QAM64	20.96	-0.38	20.58	33.01	PASS
n38	15	5	518500	13@6	CP_QAM256	17.83	-0.38	17.45	33.01	PASS
n38	15	5	518500	1@1	CP_QAM256	17.31	-0.38	16.93	33.01	PASS
n38	15	5	518500	1@23	CP_QAM256	17.28	-0.38	16.90	33.01	PASS
n38	15	5	523500	12@6	DFT_BPSK	24.23	-0.38	23.85	33.01	PASS
n38	15	5	523500	1@1	DFT_BPSK	24.23	-0.38	23.85	33.01	PASS
n38	15	5	523500	1@23	DFT_BPSK	24.25	-0.38	23.87	33.01	PASS
n38	15	5	523500	12@6	DFT_QPSK	24.19	-0.38	23.81	33.01	PASS
n38	15	5	523500	1@1	DFT_QPSK	24.10	-0.38	23.72	33.01	PASS
n38	15	5	523500	1@23	DFT_QPSK	24.00	-0.38	23.62	33.01	PASS
n38	15	5	523500	12@6	DFT_QAM16	23.40	-0.38	23.02	33.01	PASS
n38	15	5	523500	1@1	DFT_QAM16	23.43	-0.38	23.05	33.01	PASS
n38	15	5	523500	1@23	DFT_QAM16	23.49	-0.38	23.11	33.01	PASS
n38	15	5	523500	12@6	DFT_QAM64	21.74	-0.38	21.36	33.01	PASS
n38	15	5	523500	1@1	DFT_QAM64	21.57	-0.38	21.19	33.01	PASS
n38	15	5	523500	1@23	DFT_QAM64	21.62	-0.38	21.24	33.01	PASS
n38	15	5	523500	12@6	DFT_QAM256	19.71	-0.38	19.33	33.01	PASS
n38	15	5	523500	1@1	DFT_QAM256	19.98	-0.38	19.60	33.01	PASS
n38	15	5	523500	1@23	DFT_QAM256	19.92	-0.38	19.54	33.01	PASS
n38	15	5	523500	13@6	CP_QPSK	22.65	-0.38	22.27	33.01	PASS
n38	15	5	523500	1@1	CP_QPSK	22.57	-0.38	22.19	33.01	PASS
n38	15	5	523500	1@23	CP_QPSK	22.59	-0.38	22.21	33.01	PASS
n38	15	5	523500	13@6	CP_QAM16	22.18	-0.38	21.80	33.01	PASS
n38	15	5	523500	1@1	CP_QAM16	22.10	-0.38	21.72	33.01	PASS
n38	15	5	523500	1@23	CP_QAM16	22.32	-0.38	21.94	33.01	PASS
n38	15	5	523500	13@6	CP_QAM64	20.68	-0.38	20.30	33.01	PASS
n38	15	5	523500	1@1	CP_QAM64	20.91	-0.38	20.53	33.01	PASS
n38	15	5	523500	1@23	CP_QAM64	20.96	-0.38	20.58	33.01	PASS
n38	15	5	523500	13@6	CP_QAM256	17.63	-0.38	17.25	33.01	PASS
n38	15	5	523500	1@1	CP_QAM256	17.21	-0.38	16.83	33.01	PASS
n38	15	5	523500	1@23	CP_QAM256	17.22	-0.38	16.84	33.01	PASS
n38	15	10	515000	25@12	DFT_BPSK	24.03	-0.38	23.65	33.01	PASS

n38	15	10	515000	1@1	DFT_BPSK	23.94	-0.38	23.56	33.01	PASS
n38	15	10	515000	1@50	DFT_BPSK	24.02	-0.38	23.64	33.01	PASS
n38	15	10	515000	25@12	DFT_QPSK	24.01	-0.38	23.63	33.01	PASS
n38	15	10	515000	1@1	DFT_QPSK	23.83	-0.38	23.45	33.01	PASS
n38	15	10	515000	1@50	DFT_QPSK	23.84	-0.38	23.46	33.01	PASS
n38	15	10	515000	25@12	DFT_QAM16	23.07	-0.38	22.69	33.01	PASS
n38	15	10	515000	1@1	DFT_QAM16	23.18	-0.38	22.80	33.01	PASS
n38	15	10	515000	1@50	DFT_QAM16	23.35	-0.38	22.97	33.01	PASS
n38	15	10	515000	25@12	DFT_QAM64	21.50	-0.38	21.12	33.01	PASS
n38	15	10	515000	1@1	DFT_QAM64	21.45	-0.38	21.07	33.01	PASS
n38	15	10	515000	1@50	DFT_QAM64	21.61	-0.38	21.23	33.01	PASS
n38	15	10	515000	25@12	DFT_QAM256	19.48	-0.38	19.10	33.01	PASS
n38	15	10	515000	1@1	DFT_QAM256	19.56	-0.38	19.18	33.01	PASS
n38	15	10	515000	1@50	DFT_QAM256	19.64	-0.38	19.26	33.01	PASS
n38	15	10	515000	26@13	CP_QPSK	22.43	-0.38	22.05	33.01	PASS
n38	15	10	515000	1@1	CP_QPSK	22.28	-0.38	21.90	33.01	PASS
n38	15	10	515000	1@50	CP_QPSK	22.44	-0.38	22.06	33.01	PASS
n38	15	10	515000	26@13	CP_QAM16	22.00	-0.38	21.62	33.01	PASS
n38	15	10	515000	1@1	CP_QAM16	22.13	-0.38	21.75	33.01	PASS
n38	15	10	515000	1@50	CP_QAM16	22.20	-0.38	21.82	33.01	PASS
n38	15	10	515000	26@13	CP_QAM64	20.52	-0.38	20.14	33.01	PASS
n38	15	10	515000	1@1	CP_QAM64	20.65	-0.38	20.27	33.01	PASS
n38	15	10	515000	1@50	CP_QAM64	20.91	-0.38	20.53	33.01	PASS
n38	15	10	515000	26@13	CP_QAM256	17.43	-0.38	17.05	33.01	PASS
n38	15	10	515000	1@1	CP_QAM256	16.86	-0.38	16.48	33.01	PASS
n38	15	10	515000	1@50	CP_QAM256	17.89	-0.38	17.51	33.01	PASS
n38	15	10	519000	25@12	DFT_BPSK	24.07	-0.38	23.69	33.01	PASS
n38	15	10	519000	1@1	DFT_BPSK	24.06	-0.38	23.68	33.01	PASS
n38	15	10	519000	1@50	DFT_BPSK	24.07	-0.38	23.69	33.01	PASS
n38	15	10	519000	25@12	DFT_QPSK	24.06	-0.38	23.68	33.01	PASS
n38	15	10	519000	1@1	DFT_QPSK	23.88	-0.38	23.50	33.01	PASS
n38	15	10	519000	1@50	DFT_QPSK	23.83	-0.38	23.45	33.01	PASS
n38	15	10	519000	25@12	DFT_QAM16	23.05	-0.38	22.67	33.01	PASS
n38	15	10	519000	1@1	DFT_QAM16	23.31	-0.38	22.93	33.01	PASS
n38	15	10	519000	1@50	DFT_QAM16	23.32	-0.38	22.94	33.01	PASS
n38	15	10	519000	25@12	DFT_QAM64	21.54	-0.38	21.16	33.01	PASS
n38	15	10	519000	1@1	DFT_QAM64	21.43	-0.38	21.05	33.01	PASS
n38	15	10	519000	1@50	DFT_QAM64	21.41	-0.38	21.03	33.01	PASS
n38	15	10	519000	25@12	DFT_QAM256	19.50	-0.38	19.12	33.01	PASS
n38	15	10	519000	1@1	DFT_QAM256	19.87	-0.38	19.49	33.01	PASS
n38	15	10	519000	1@50	DFT_QAM256	19.73	-0.38	19.35	33.01	PASS
n38	15	10	519000	26@13	CP_QPSK	22.53	-0.38	22.15	33.01	PASS
n38	15	10	519000	1@1	CP_QPSK	22.33	-0.38	21.95	33.01	PASS
n38	15	10	519000	1@50	CP_QPSK	22.38	-0.38	22.00	33.01	PASS

n38	15	10	519000	26@13	CP_QAM16	22.12	-0.38	21.74	33.01	PASS
n38	15	10	519000	1@1	CP_QAM16	22.05	-0.38	21.67	33.01	PASS
n38	15	10	519000	1@50	CP_QAM16	21.97	-0.38	21.59	33.01	PASS
n38	15	10	519000	26@13	CP_QAM64	20.47	-0.38	20.09	33.01	PASS
n38	15	10	519000	1@1	CP_QAM64	20.69	-0.38	20.31	33.01	PASS
n38	15	10	519000	1@50	CP_QAM64	20.73	-0.38	20.35	33.01	PASS
n38	15	10	519000	26@13	CP_QAM256	17.43	-0.38	17.05	33.01	PASS
n38	15	10	519000	1@1	CP_QAM256	18.13	-0.38	17.75	33.01	PASS
n38	15	10	519000	1@50	CP_QAM256	17.04	-0.38	16.66	33.01	PASS
n38	15	10	523000	25@12	DFT_BPSK	24.02	-0.38	23.64	33.01	PASS
n38	15	10	523000	1@1	DFT_BPSK	24.03	-0.38	23.65	33.01	PASS
n38	15	10	523000	1@50	DFT_BPSK	24.00	-0.38	23.62	33.01	PASS
n38	15	10	523000	25@12	DFT_QPSK	24.00	-0.38	23.62	33.01	PASS
n38	15	10	523000	1@1	DFT_QPSK	23.80	-0.38	23.42	33.01	PASS
n38	15	10	523000	1@50	DFT_QPSK	23.75	-0.38	23.37	33.01	PASS
n38	15	10	523000	25@12	DFT_QAM16	23.12	-0.38	22.74	33.01	PASS
n38	15	10	523000	1@1	DFT_QAM16	23.29	-0.38	22.91	33.01	PASS
n38	15	10	523000	1@50	DFT_QAM16	23.22	-0.38	22.84	33.01	PASS
n38	15	10	523000	25@12	DFT_QAM64	21.53	-0.38	21.15	33.01	PASS
n38	15	10	523000	1@1	DFT_QAM64	21.40	-0.38	21.02	33.01	PASS
n38	15	10	523000	1@50	DFT_QAM64	21.79	-0.38	21.41	33.01	PASS
n38	15	10	523000	25@12	DFT_QAM256	19.53	-0.38	19.15	33.01	PASS
n38	15	10	523000	1@1	DFT_QAM256	19.66	-0.38	19.28	33.01	PASS
n38	15	10	523000	1@50	DFT_QAM256	19.64	-0.38	19.26	33.01	PASS
n38	15	10	523000	26@13	CP_QPSK	22.52	-0.38	22.14	33.01	PASS
n38	15	10	523000	1@1	CP_QPSK	22.46	-0.38	22.08	33.01	PASS
n38	15	10	523000	1@50	CP_QPSK	22.50	-0.38	22.12	33.01	PASS
n38	15	10	523000	26@13	CP_QAM16	22.05	-0.38	21.67	33.01	PASS
n38	15	10	523000	1@1	CP_QAM16	22.24	-0.38	21.86	33.01	PASS
n38	15	10	523000	1@50	CP_QAM16	22.14	-0.38	21.76	33.01	PASS
n38	15	10	523000	26@13	CP_QAM64	20.53	-0.38	20.15	33.01	PASS
n38	15	10	523000	1@1	CP_QAM64	20.85	-0.38	20.47	33.01	PASS
n38	15	10	523000	1@50	CP_QAM64	20.81	-0.38	20.43	33.01	PASS
n38	15	10	523000	26@13	CP_QAM256	17.60	-0.38	17.22	33.01	PASS
n38	15	10	523000	1@1	CP_QAM256	17.98	-0.38	17.60	33.01	PASS
n38	15	10	523000	1@50	CP_QAM256	17.83	-0.38	17.45	33.01	PASS
n38	15	15	515500	36@18	DFT_BPSK	24.17	-0.38	23.79	33.01	PASS
n38	15	15	515500	1@1	DFT_BPSK	24.00	-0.38	23.62	33.01	PASS
n38	15	15	515500	1@77	DFT_BPSK	24.09	-0.38	23.71	33.01	PASS
n38	15	15	515500	36@18	DFT_QPSK	24.23	-0.38	23.85	33.01	PASS
n38	15	15	515500	1@1	DFT_QPSK	23.80	-0.38	23.42	33.01	PASS
n38	15	15	515500	1@77	DFT_QPSK	23.94	-0.38	23.56	33.01	PASS
n38	15	15	515500	36@18	DFT_QAM16	23.25	-0.38	22.87	33.01	PASS
n38	15	15	515500	1@1	DFT_QAM16	23.26	-0.38	22.88	33.01	PASS

n38	15	15	515500	1@77	DFT_QAM16	23.38	-0.38	23.00	33.01	PASS
n38	15	15	515500	36@18	DFT_QAM64	21.72	-0.38	21.34	33.01	PASS
n38	15	15	515500	1@1	DFT_QAM64	21.77	-0.38	21.39	33.01	PASS
n38	15	15	515500	1@77	DFT_QAM64	21.50	-0.38	21.12	33.01	PASS
n38	15	15	515500	36@18	DFT_QAM256	19.65	-0.38	19.27	33.01	PASS
n38	15	15	515500	1@1	DFT_QAM256	19.57	-0.38	19.19	33.01	PASS
n38	15	15	515500	1@77	DFT_QAM256	19.67	-0.38	19.29	33.01	PASS
n38	15	15	515500	39@19	CP_QPSK	22.71	-0.38	22.33	33.01	PASS
n38	15	15	515500	1@1	CP_QPSK	22.32	-0.38	21.94	33.01	PASS
n38	15	15	515500	1@77	CP_QPSK	22.46	-0.38	22.08	33.01	PASS
n38	15	15	515500	39@19	CP_QAM16	22.26	-0.38	21.88	33.01	PASS
n38	15	15	515500	1@1	CP_QAM16	22.21	-0.38	21.83	33.01	PASS
n38	15	15	515500	1@77	CP_QAM16	22.33	-0.38	21.95	33.01	PASS
n38	15	15	515500	39@19	CP_QAM64	20.71	-0.38	20.33	33.01	PASS
n38	15	15	515500	1@1	CP_QAM64	20.66	-0.38	20.28	33.01	PASS
n38	15	15	515500	1@77	CP_QAM64	20.73	-0.38	20.35	33.01	PASS
n38	15	15	515500	39@19	CP_QAM256	17.60	-0.38	17.22	33.01	PASS
n38	15	15	515500	1@1	CP_QAM256	17.06	-0.38	16.68	33.01	PASS
n38	15	15	515500	1@77	CP_QAM256	18.17	-0.38	17.79	33.01	PASS
n38	15	15	519000	36@18	DFT_BPSK	24.22	-0.38	23.84	33.01	PASS
n38	15	15	519000	1@1	DFT_BPSK	24.01	-0.38	23.63	33.01	PASS
n38	15	15	519000	1@77	DFT_BPSK	24.03	-0.38	23.65	33.01	PASS
n38	15	15	519000	36@18	DFT_QPSK	24.19	-0.38	23.81	33.01	PASS
n38	15	15	519000	1@1	DFT_QPSK	23.88	-0.38	23.50	33.01	PASS
n38	15	15	519000	1@77	DFT_QPSK	23.94	-0.38	23.56	33.01	PASS
n38	15	15	519000	36@18	DFT_QAM16	23.24	-0.38	22.86	33.01	PASS
n38	15	15	519000	1@1	DFT_QAM16	23.32	-0.38	22.94	33.01	PASS
n38	15	15	519000	1@77	DFT_QAM16	23.35	-0.38	22.97	33.01	PASS
n38	15	15	519000	36@18	DFT_QAM64	21.80	-0.38	21.42	33.01	PASS
n38	15	15	519000	1@1	DFT_QAM64	21.52	-0.38	21.14	33.01	PASS
n38	15	15	519000	1@77	DFT_QAM64	21.53	-0.38	21.15	33.01	PASS
n38	15	15	519000	36@18	DFT_QAM256	19.70	-0.38	19.32	33.01	PASS
n38	15	15	519000	1@1	DFT_QAM256	19.76	-0.38	19.38	33.01	PASS
n38	15	15	519000	1@77	DFT_QAM256	19.76	-0.38	19.38	33.01	PASS
n38	15	15	519000	39@19	CP_QPSK	22.69	-0.38	22.31	33.01	PASS
n38	15	15	519000	1@1	CP_QPSK	22.48	-0.38	22.10	33.01	PASS
n38	15	15	519000	1@77	CP_QPSK	22.53	-0.38	22.15	33.01	PASS
n38	15	15	519000	39@19	CP_QAM16	22.21	-0.38	21.83	33.01	PASS
n38	15	15	519000	1@1	CP_QAM16	22.47	-0.38	22.09	33.01	PASS
n38	15	15	519000	1@77	CP_QAM16	22.26	-0.38	21.88	33.01	PASS
n38	15	15	519000	39@19	CP_QAM64	20.62	-0.38	20.24	33.01	PASS
n38	15	15	519000	1@1	CP_QAM64	20.96	-0.38	20.58	33.01	PASS
n38	15	15	519000	1@77	CP_QAM64	20.91	-0.38	20.53	33.01	PASS
n38	15	15	519000	39@19	CP_QAM256	17.71	-0.38	17.33	33.01	PASS

n38	15	15	519000	1@1	CP_QAM256	17.96	-0.38	17.58	33.01	PASS
n38	15	15	519000	1@77	CP_QAM256	17.92	-0.38	17.54	33.01	PASS
n38	15	15	522500	36@18	DFT_BPSK	24.25	-0.38	23.87	33.01	PASS
n38	15	15	522500	1@1	DFT_BPSK	24.08	-0.38	23.70	33.01	PASS
n38	15	15	522500	1@77	DFT_BPSK	24.02	-0.38	23.64	33.01	PASS
n38	15	15	522500	36@18	DFT_QPSK	24.23	-0.38	23.85	33.01	PASS
n38	15	15	522500	1@1	DFT_QPSK	23.87	-0.38	23.49	33.01	PASS
n38	15	15	522500	1@77	DFT_QPSK	23.83	-0.38	23.45	33.01	PASS
n38	15	15	522500	36@18	DFT_QAM16	23.29	-0.38	22.91	33.01	PASS
n38	15	15	522500	1@1	DFT_QAM16	23.28	-0.38	22.90	33.01	PASS
n38	15	15	522500	1@77	DFT_QAM16	23.27	-0.38	22.89	33.01	PASS
n38	15	15	522500	36@18	DFT_QAM64	21.81	-0.38	21.43	33.01	PASS
n38	15	15	522500	1@1	DFT_QAM64	21.52	-0.38	21.14	33.01	PASS
n38	15	15	522500	1@77	DFT_QAM64	21.85	-0.38	21.47	33.01	PASS
n38	15	15	522500	36@18	DFT_QAM256	19.72	-0.38	19.34	33.01	PASS
n38	15	15	522500	1@1	DFT_QAM256	19.98	-0.38	19.60	33.01	PASS
n38	15	15	522500	1@77	DFT_QAM256	19.70	-0.38	19.32	33.01	PASS
n38	15	15	522500	39@19	CP_QPSK	22.67	-0.38	22.29	33.01	PASS
n38	15	15	522500	1@1	CP_QPSK	22.56	-0.38	22.18	33.01	PASS
n38	15	15	522500	1@77	CP_QPSK	22.36	-0.38	21.98	33.01	PASS
n38	15	15	522500	39@19	CP_QAM16	22.22	-0.38	21.84	33.01	PASS
n38	15	15	522500	1@1	CP_QAM16	22.13	-0.38	21.75	33.01	PASS
n38	15	15	522500	1@77	CP_QAM16	22.30	-0.38	21.92	33.01	PASS
n38	15	15	522500	39@19	CP_QAM64	20.66	-0.38	20.28	33.01	PASS
n38	15	15	522500	1@1	CP_QAM64	20.99	-0.38	20.61	33.01	PASS
n38	15	15	522500	1@77	CP_QAM64	20.82	-0.38	20.44	33.01	PASS
n38	15	15	522500	39@19	CP_QAM256	17.70	-0.38	17.32	33.01	PASS
n38	15	15	522500	1@1	CP_QAM256	17.88	-0.38	17.50	33.01	PASS
n38	15	15	522500	1@77	CP_QAM256	17.78	-0.38	17.40	33.01	PASS
n38	15	20	516000	50@25	DFT_BPSK	23.65	-0.38	23.27	33.01	PASS
n38	15	20	516000	1@1	DFT_BPSK	24.02	-0.38	23.64	33.01	PASS
n38	15	20	516000	1@104	DFT_BPSK	23.62	-0.38	23.24	33.01	PASS
n38	15	20	516000	50@25	DFT_QPSK	23.18	-0.38	22.80	33.01	PASS
n38	15	20	516000	1@1	DFT_QPSK	23.93	-0.38	23.55	33.01	PASS
n38	15	20	516000	1@104	DFT_QPSK	22.93	-0.38	22.55	33.01	PASS
n38	15	20	516000	50@25	DFT_QAM16	22.22	-0.38	21.84	33.01	PASS
n38	15	20	516000	1@1	DFT_QAM16	23.31	-0.38	22.93	33.01	PASS
n38	15	20	516000	1@104	DFT_QAM16	22.27	-0.38	21.89	33.01	PASS
n38	15	20	516000	50@25	DFT_QAM64	21.71	-0.38	21.33	33.01	PASS
n38	15	20	516000	1@1	DFT_QAM64	21.92	-0.38	21.54	33.01	PASS
n38	15	20	516000	1@104	DFT_QAM64	21.95	-0.38	21.57	33.01	PASS
n38	15	20	516000	50@25	DFT_QAM256	19.77	-0.38	19.39	33.01	PASS
n38	15	20	516000	1@1	DFT_QAM256	19.75	-0.38	19.37	33.01	PASS
n38	15	20	516000	1@104	DFT_QAM256	19.74	-0.38	19.36	33.01	PASS

n38	15	20	516000	53@26	CP_QPSK	21.17	-0.38	20.79	33.01	PASS
n38	15	20	516000	1@1	CP_QPSK	22.50	-0.38	22.12	33.01	PASS
n38	15	20	516000	1@104	CP_QPSK	21.07	-0.38	20.69	33.01	PASS
n38	15	20	516000	53@26	CP_QAM16	21.27	-0.38	20.89	33.01	PASS
n38	15	20	516000	1@1	CP_QAM16	22.08	-0.38	21.70	33.01	PASS
n38	15	20	516000	1@104	CP_QAM16	20.96	-0.38	20.58	33.01	PASS
n38	15	20	516000	53@26	CP_QAM64	20.66	-0.38	20.28	33.01	PASS
n38	15	20	516000	1@1	CP_QAM64	20.90	-0.38	20.52	33.01	PASS
n38	15	20	516000	1@104	CP_QAM64	20.85	-0.38	20.47	33.01	PASS
n38	15	20	516000	53@26	CP_QAM256	17.72	-0.38	17.34	33.01	PASS
n38	15	20	516000	1@1	CP_QAM256	17.91	-0.38	17.53	33.01	PASS
n38	15	20	516000	1@104	CP_QAM256	17.20	-0.38	16.82	33.01	PASS
n38	15	20	519000	50@25	DFT_BPSK	24.25	-0.38	23.87	33.01	PASS
n38	15	20	519000	1@1	DFT_BPSK	24.05	-0.38	23.67	33.01	PASS
n38	15	20	519000	1@104	DFT_BPSK	24.08	-0.38	23.70	33.01	PASS
n38	15	20	519000	50@25	DFT_QPSK	24.29	-0.38	23.91	33.01	PASS
n38	15	20	519000	1@1	DFT_QPSK	23.92	-0.38	23.54	33.01	PASS
n38	15	20	519000	1@104	DFT_QPSK	23.89	-0.38	23.51	33.01	PASS
n38	15	20	519000	50@25	DFT_QAM16	23.28	-0.38	22.90	33.01	PASS
n38	15	20	519000	1@1	DFT_QAM16	23.43	-0.38	23.05	33.01	PASS
n38	15	20	519000	1@104	DFT_QAM16	23.32	-0.38	22.94	33.01	PASS
n38	15	20	519000	50@25	DFT_QAM64	21.79	-0.38	21.41	33.01	PASS
n38	15	20	519000	1@1	DFT_QAM64	21.95	-0.38	21.57	33.01	PASS
n38	15	20	519000	1@104	DFT_QAM64	21.50	-0.38	21.12	33.01	PASS
n38	15	20	519000	50@25	DFT_QAM256	19.66	-0.38	19.28	33.01	PASS
n38	15	20	519000	1@1	DFT_QAM256	19.89	-0.38	19.51	33.01	PASS
n38	15	20	519000	1@104	DFT_QAM256	19.97	-0.38	19.59	33.01	PASS
n38	15	20	519000	53@26	CP_QPSK	22.70	-0.38	22.32	33.01	PASS
n38	15	20	519000	1@1	CP_QPSK	22.46	-0.38	22.08	33.01	PASS
n38	15	20	519000	1@104	CP_QPSK	22.51	-0.38	22.13	33.01	PASS
n38	15	20	519000	53@26	CP_QAM16	22.30	-0.38	21.92	33.01	PASS
n38	15	20	519000	1@1	CP_QAM16	21.98	-0.38	21.60	33.01	PASS
n38	15	20	519000	1@104	CP_QAM16	22.06	-0.38	21.68	33.01	PASS
n38	15	20	519000	53@26	CP_QAM64	20.77	-0.38	20.39	33.01	PASS
n38	15	20	519000	1@1	CP_QAM64	20.95	-0.38	20.57	33.01	PASS
n38	15	20	519000	1@104	CP_QAM64	20.81	-0.38	20.43	33.01	PASS
n38	15	20	519000	53@26	CP_QAM256	17.76	-0.38	17.38	33.01	PASS
n38	15	20	519000	1@1	CP_QAM256	17.91	-0.38	17.53	33.01	PASS
n38	15	20	519000	1@104	CP_QAM256	17.19	-0.38	16.81	33.01	PASS
n38	15	20	522000	50@25	DFT_BPSK	24.30	-0.38	23.92	33.01	PASS
n38	15	20	522000	1@1	DFT_BPSK	24.10	-0.38	23.72	33.01	PASS
n38	15	20	522000	1@104	DFT_BPSK	24.06	-0.38	23.68	33.01	PASS
n38	15	20	522000	50@25	DFT_QPSK	24.25	-0.38	23.87	33.01	PASS
n38	15	20	522000	1@1	DFT_QPSK	23.95	-0.38	23.57	33.01	PASS

n38	15	20	522000	1@104	DFT_QPSK	23.91	-0.38	23.53	33.01	PASS
n38	15	20	522000	50@25	DFT_QAM16	23.31	-0.38	22.93	33.01	PASS
n38	15	20	522000	1@1	DFT_QAM16	23.25	-0.38	22.87	33.01	PASS
n38	15	20	522000	1@104	DFT_QAM16	23.32	-0.38	22.94	33.01	PASS
n38	15	20	522000	50@25	DFT_QAM64	21.85	-0.38	21.47	33.01	PASS
n38	15	20	522000	1@1	DFT_QAM64	21.91	-0.38	21.53	33.01	PASS
n38	15	20	522000	1@104	DFT_QAM64	21.44	-0.38	21.06	33.01	PASS
n38	15	20	522000	50@25	DFT_QAM256	19.75	-0.38	19.37	33.01	PASS
n38	15	20	522000	1@1	DFT_QAM256	19.81	-0.38	19.43	33.01	PASS
n38	15	20	522000	1@104	DFT_QAM256	19.69	-0.38	19.31	33.01	PASS
n38	15	20	522000	53@26	CP_QPSK	22.79	-0.38	22.41	33.01	PASS
n38	15	20	522000	1@1	CP_QPSK	22.50	-0.38	22.12	33.01	PASS
n38	15	20	522000	1@104	CP_QPSK	22.44	-0.38	22.06	33.01	PASS
n38	15	20	522000	53@26	CP_QAM16	22.29	-0.38	21.91	33.01	PASS
n38	15	20	522000	1@1	CP_QAM16	22.00	-0.38	21.62	33.01	PASS
n38	15	20	522000	1@104	CP_QAM16	22.04	-0.38	21.66	33.01	PASS
n38	15	20	522000	53@26	CP_QAM64	20.77	-0.38	20.39	33.01	PASS
n38	15	20	522000	1@1	CP_QAM64	20.91	-0.38	20.53	33.01	PASS
n38	15	20	522000	1@104	CP_QAM64	20.66	-0.38	20.28	33.01	PASS
n38	15	20	522000	53@26	CP_QAM256	17.79	-0.38	17.41	33.01	PASS
n38	15	20	522000	1@1	CP_QAM256	18.21	-0.38	17.83	33.01	PASS
n38	15	20	522000	1@104	CP_QAM256	18.08	-0.38	17.70	33.01	PASS
n38	15	40	518000	108@54	DFT_BPSK	24.15	-0.38	23.77	33.01	PASS
n38	15	40	518000	1@1	DFT_BPSK	23.55	-0.38	23.17	33.01	PASS
n38	15	40	518000	1@214	DFT_BPSK	23.64	-0.38	23.26	33.01	PASS
n38	15	40	518000	108@54	DFT_QPSK	24.22	-0.38	23.84	33.01	PASS
n38	15	40	518000	1@1	DFT_QPSK	23.34	-0.38	22.96	33.01	PASS
n38	15	40	518000	1@214	DFT_QPSK	23.50	-0.38	23.12	33.01	PASS
n38	15	40	518000	108@54	DFT_QAM16	23.17	-0.38	22.79	33.01	PASS
n38	15	40	518000	1@1	DFT_QAM16	22.79	-0.38	22.41	33.01	PASS
n38	15	40	518000	1@214	DFT_QAM16	22.77	-0.38	22.39	33.01	PASS
n38	15	40	518000	108@54	DFT_QAM64	21.74	-0.38	21.36	33.01	PASS
n38	15	40	518000	1@1	DFT_QAM64	21.44	-0.38	21.06	33.01	PASS
n38	15	40	518000	1@214	DFT_QAM64	21.52	-0.38	21.14	33.01	PASS
n38	15	40	518000	108@54	DFT_QAM256	19.64	-0.38	19.26	33.01	PASS
n38	15	40	518000	1@1	DFT_QAM256	19.20	-0.38	18.82	33.01	PASS
n38	15	40	518000	1@214	DFT_QAM256	19.23	-0.38	18.85	33.01	PASS
n38	15	40	518000	108@54	CP_QPSK	22.70	-0.38	22.32	33.01	PASS
n38	15	40	518000	1@1	CP_QPSK	21.85	-0.38	21.47	33.01	PASS
n38	15	40	518000	1@214	CP_QPSK	22.02	-0.38	21.64	33.01	PASS
n38	15	40	518000	108@54	CP_QAM16	22.16	-0.38	21.78	33.01	PASS
n38	15	40	518000	1@1	CP_QAM16	21.50	-0.38	21.12	33.01	PASS
n38	15	40	518000	1@214	CP_QAM16	21.80	-0.38	21.42	33.01	PASS
n38	15	40	518000	108@54	CP_QAM64	20.68	-0.38	20.30	33.01	PASS

n38	15	40	518000	1@1	CP_QAM64	20.20	-0.38	19.82	33.01	PASS
n38	15	40	518000	1@214	CP_QAM64	20.52	-0.38	20.14	33.01	PASS
n38	15	40	518000	108@54	CP_QAM256	17.63	-0.38	17.25	33.01	PASS
n38	15	40	518000	1@1	CP_QAM256	17.49	-0.38	17.11	33.01	PASS
n38	15	40	518000	1@214	CP_QAM256	17.73	-0.38	17.35	33.01	PASS
n38	15	40	519000	108@54	DFT_BPSK	24.16	-0.38	23.78	33.01	PASS
n38	15	40	519000	1@1	DFT_BPSK	23.60	-0.38	23.22	33.01	PASS
n38	15	40	519000	1@214	DFT_BPSK	23.63	-0.38	23.25	33.01	PASS
n38	15	40	519000	108@54	DFT_QPSK	24.19	-0.38	23.81	33.01	PASS
n38	15	40	519000	1@1	DFT_QPSK	23.40	-0.38	23.02	33.01	PASS
n38	15	40	519000	1@214	DFT_QPSK	23.41	-0.38	23.03	33.01	PASS
n38	15	40	519000	108@54	DFT_QAM16	23.17	-0.38	22.79	33.01	PASS
n38	15	40	519000	1@1	DFT_QAM16	22.88	-0.38	22.50	33.01	PASS
n38	15	40	519000	1@214	DFT_QAM16	22.74	-0.38	22.36	33.01	PASS
n38	15	40	519000	108@54	DFT_QAM64	21.73	-0.38	21.35	33.01	PASS
n38	15	40	519000	1@1	DFT_QAM64	21.43	-0.38	21.05	33.01	PASS
n38	15	40	519000	1@214	DFT_QAM64	21.02	-0.38	20.64	33.01	PASS
n38	15	40	519000	108@54	DFT_QAM256	19.71	-0.38	19.33	33.01	PASS
n38	15	40	519000	1@1	DFT_QAM256	19.27	-0.38	18.89	33.01	PASS
n38	15	40	519000	1@214	DFT_QAM256	19.35	-0.38	18.97	33.01	PASS
n38	15	40	519000	108@54	CP_QPSK	22.74	-0.38	22.36	33.01	PASS
n38	15	40	519000	1@1	CP_QPSK	22.06	-0.38	21.68	33.01	PASS
n38	15	40	519000	1@214	CP_QPSK	22.11	-0.38	21.73	33.01	PASS
n38	15	40	519000	108@54	CP_QAM16	22.23	-0.38	21.85	33.01	PASS
n38	15	40	519000	1@1	CP_QAM16	21.66	-0.38	21.28	33.01	PASS
n38	15	40	519000	1@214	CP_QAM16	21.87	-0.38	21.49	33.01	PASS
n38	15	40	519000	108@54	CP_QAM64	20.67	-0.38	20.29	33.01	PASS
n38	15	40	519000	1@1	CP_QAM64	20.39	-0.38	20.01	33.01	PASS
n38	15	40	519000	1@214	CP_QAM64	20.42	-0.38	20.04	33.01	PASS
n38	15	40	519000	108@54	CP_QAM256	17.70	-0.38	17.32	33.01	PASS
n38	15	40	519000	1@1	CP_QAM256	16.72	-0.38	16.34	33.01	PASS
n38	15	40	519000	1@214	CP_QAM256	17.63	-0.38	17.25	33.01	PASS
n38	15	40	520000	108@54	DFT_BPSK	24.24	-0.38	23.86	33.01	PASS
n38	15	40	520000	1@1	DFT_BPSK	23.60	-0.38	23.22	33.01	PASS
n38	15	40	520000	1@214	DFT_BPSK	23.63	-0.38	23.25	33.01	PASS
n38	15	40	520000	108@54	DFT_QPSK	24.18	-0.38	23.80	33.01	PASS
n38	15	40	520000	1@1	DFT_QPSK	23.50	-0.38	23.12	33.01	PASS
n38	15	40	520000	1@214	DFT_QPSK	23.49	-0.38	23.11	33.01	PASS
n38	15	40	520000	108@54	DFT_QAM16	23.26	-0.38	22.88	33.01	PASS
n38	15	40	520000	1@1	DFT_QAM16	22.84	-0.38	22.46	33.01	PASS
n38	15	40	520000	1@214	DFT_QAM16	22.83	-0.38	22.45	33.01	PASS
n38	15	40	520000	108@54	DFT_QAM64	21.74	-0.38	21.36	33.01	PASS
n38	15	40	520000	1@1	DFT_QAM64	21.51	-0.38	21.13	33.01	PASS
n38	15	40	520000	1@214	DFT_QAM64	20.99	-0.38	20.61	33.01	PASS

n38	15	40	520000	108@54	DFT_QAM256	19.74	-0.38	19.36	33.01	PASS
n38	15	40	520000	1@1	DFT_QAM256	19.33	-0.38	18.95	33.01	PASS
n38	15	40	520000	1@214	DFT_QAM256	19.35	-0.38	18.97	33.01	PASS
n38	15	40	520000	108@54	CP_QPSK	22.72	-0.38	22.34	33.01	PASS
n38	15	40	520000	1@1	CP_QPSK	22.12	-0.38	21.74	33.01	PASS
n38	15	40	520000	1@214	CP_QPSK	22.03	-0.38	21.65	33.01	PASS
n38	15	40	520000	108@54	CP_QAM16	22.25	-0.38	21.87	33.01	PASS
n38	15	40	520000	1@1	CP_QAM16	21.87	-0.38	21.49	33.01	PASS
n38	15	40	520000	1@214	CP_QAM16	21.53	-0.38	21.15	33.01	PASS
n38	15	40	520000	108@54	CP_QAM64	20.72	-0.38	20.34	33.01	PASS
n38	15	40	520000	1@1	CP_QAM64	20.37	-0.38	19.99	33.01	PASS
n38	15	40	520000	1@214	CP_QAM64	20.41	-0.38	20.03	33.01	PASS
n38	15	40	520000	108@54	CP_QAM256	17.72	-0.38	17.34	33.01	PASS
n38	15	40	520000	1@1	CP_QAM256	17.65	-0.38	17.27	33.01	PASS
n38	15	40	520000	1@214	CP_QAM256	16.62	-0.38	16.24	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
n38	15	40	519000	108@54	DFT_BPSK	3.87	-7.33	0.00	Within authorized band for 5G NR n38	PASS
n38	15	40	519000	108@54	DFT_BPSK	3.45	-5.18	0.00		PASS
n38	15	40	519000	108@54	DFT_BPSK	4.45	-5.33	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	3.87	-1.85	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	3.45	-5.56	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	4.45	-2.48	0.00		PASS

Note: Only the worst case shown in the report.

NV:

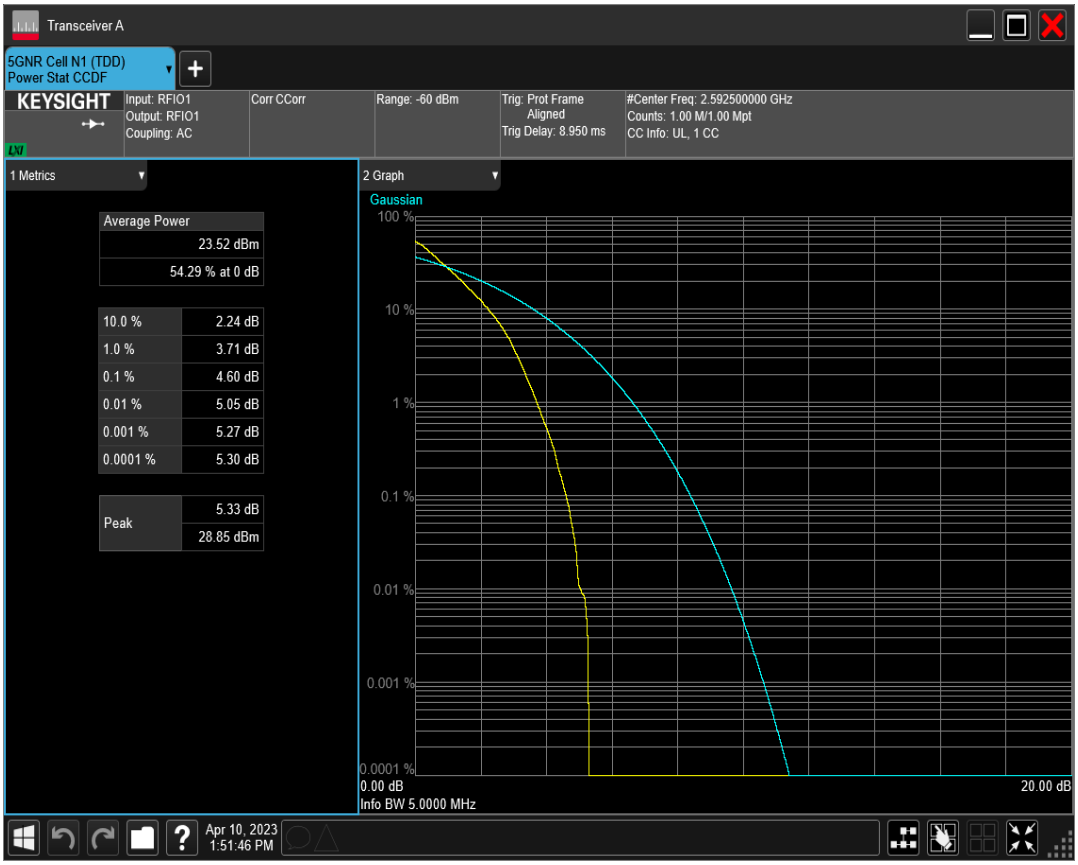
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Temperature(℃)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n38	15	40	519000	108@54	DFT_BPSK	-30	-7.25	0.00	Within authorized band for 5G NR n38	PASS
n38	15	40	519000	108@54	DFT_BPSK	-20	-5.21	0.00		PASS
n38	15	40	519000	108@54	DFT_BPSK	-10	-5	0.00		PASS
n38	15	40	519000	108@54	DFT_BPSK	0	-1.7	0.00		PASS
n38	15	40	519000	108@54	DFT_BPSK	10	-5.95	0.00		PASS
n38	15	40	519000	108@54	DFT_BPSK	20	-2.19	0.00		PASS
n38	15	40	519000	108@54	DFT_BPSK	30	-7.74	0.00		PASS
n38	15	40	519000	108@54	DFT_BPSK	40	-5.3	0.00		PASS
n38	15	40	519000	108@54	DFT_BPSK	50	-5.41	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	-30	-2.26	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	-20	-5.1	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	-10	-2.73	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	0	-7	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	10	-4.9	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	20	-5.34	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	30	-1.94	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	40	-5.94	0.00		PASS
n38	15	40	519000	108@54	DFT_QPSK	50	-2.88	0.00		PASS

Note: Only the worst case shown in the report.

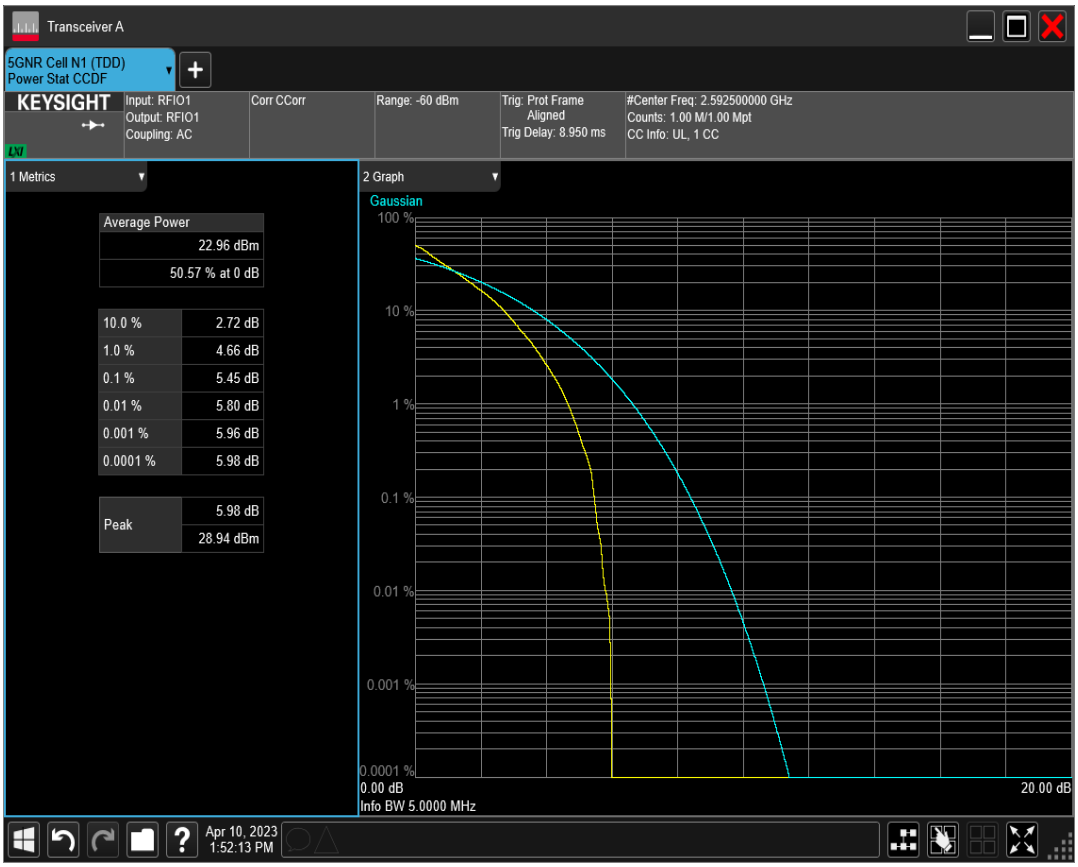
3 Peak-to-Average Ratio for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n38	15	5	518500	25@0	DFT_BPSK	4.60	13	PASS
n38	15	5	518500	25@0	DFT_QPSK	5.45	13	PASS
n38	15	5	518500	25@0	DFT_QAM16	6.35	13	PASS
n38	15	5	518500	25@0	DFT_QAM64	6.78	13	PASS
n38	15	5	518500	25@0	DFT_QAM256	7.42	13	PASS
n38	15	10	519000	50@0	DFT_BPSK	4.74	13	PASS
n38	15	10	519000	50@0	DFT_QPSK	5.57	13	PASS
n38	15	10	519000	50@0	DFT_QAM16	6.53	13	PASS
n38	15	10	519000	50@0	DFT_QAM64	6.64	13	PASS
n38	15	10	519000	50@0	DFT_QAM256	7.27	13	PASS
n38	15	15	519000	75@0	DFT_BPSK	4.66	13	PASS
n38	15	15	519000	75@0	DFT_QPSK	5.66	13	PASS
n38	15	15	519000	75@0	DFT_QAM16	6.53	13	PASS
n38	15	15	519000	75@0	DFT_QAM64	6.70	13	PASS
n38	15	15	519000	75@0	DFT_QAM256	7.34	13	PASS
n38	15	20	519000	100@0	DFT_BPSK	4.58	13	PASS
n38	15	20	519000	100@0	DFT_QPSK	5.73	13	PASS
n38	15	20	519000	100@0	DFT_QAM16	6.53	13	PASS
n38	15	20	519000	100@0	DFT_QAM64	6.90	13	PASS
n38	15	20	519000	100@0	DFT_QAM256	7.13	13	PASS
n38	15	40	519000	216@0	DFT_BPSK	5.12	13	PASS
n38	15	40	519000	216@0	DFT_QPSK	5.79	13	PASS
n38	15	40	519000	216@0	DFT_QAM16	6.54	13	PASS
n38	15	40	519000	216@0	DFT_QAM64	6.84	13	PASS
n38	15	40	519000	216@0	DFT_QAM256	7.37	13	PASS

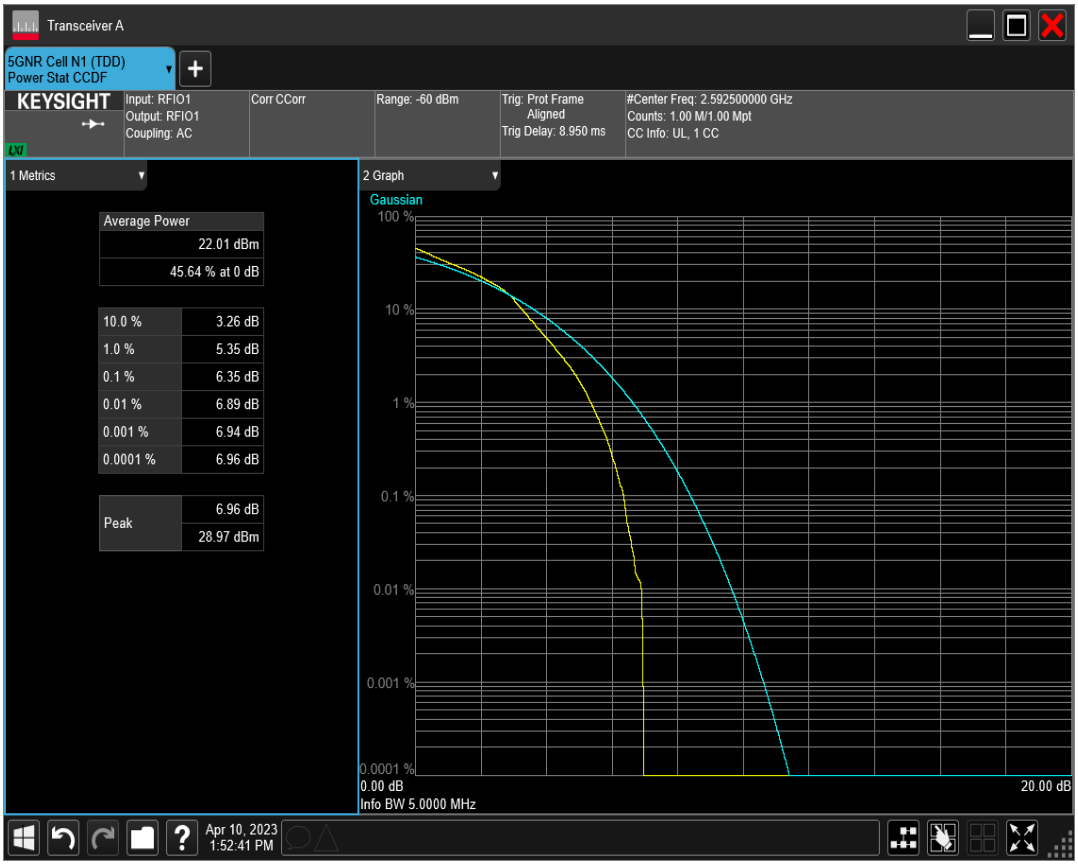
n38 SCS=15kHz DFT_BPSK BW=5MHz Channel=518500 RB=25@0



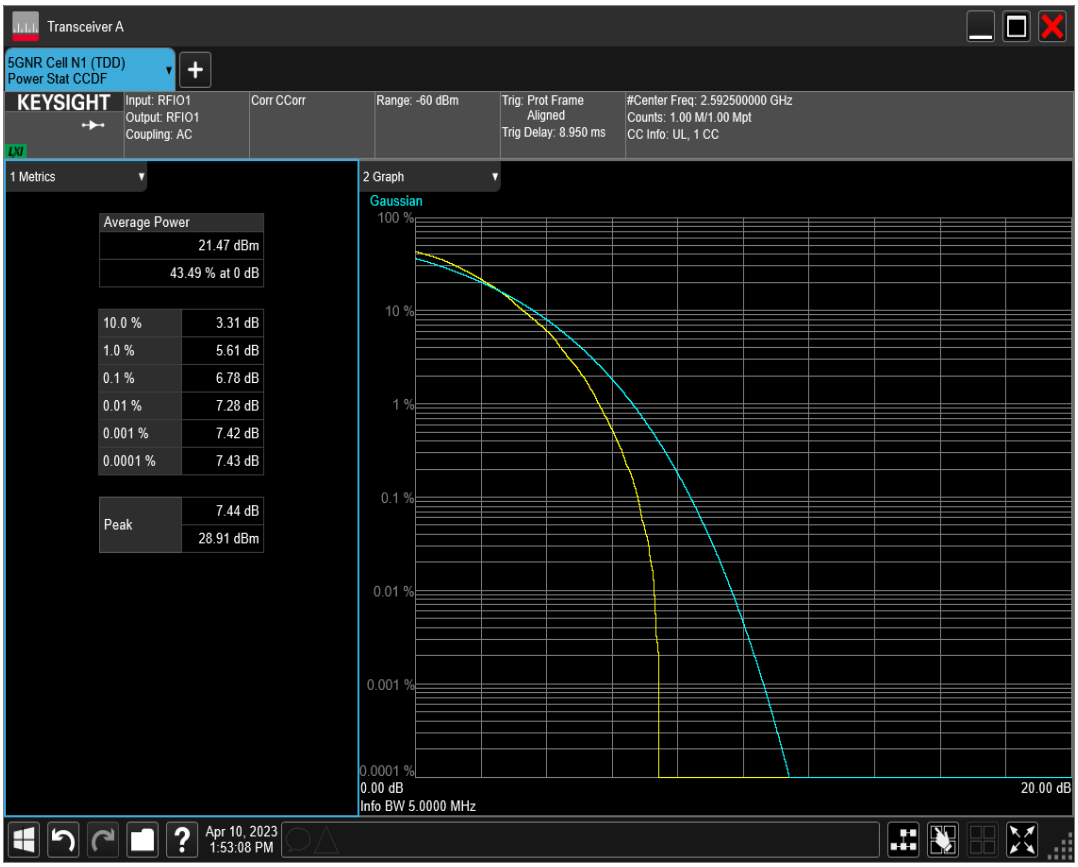
n38 SCS=15kHz DFT_QPSK BW=5MHz Channel=518500 RB=25@0



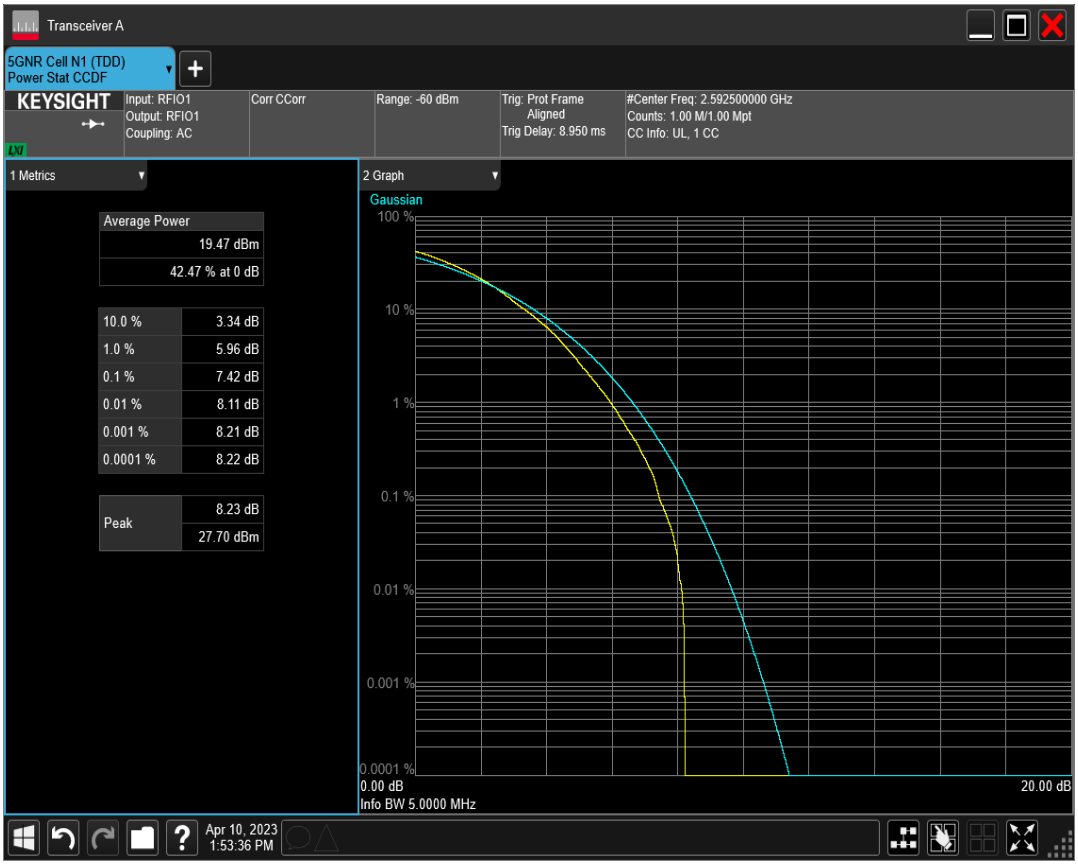
n38 SCS=15kHz DFT_QAM16 BW=5MHz Channel=518500 RB=25@0



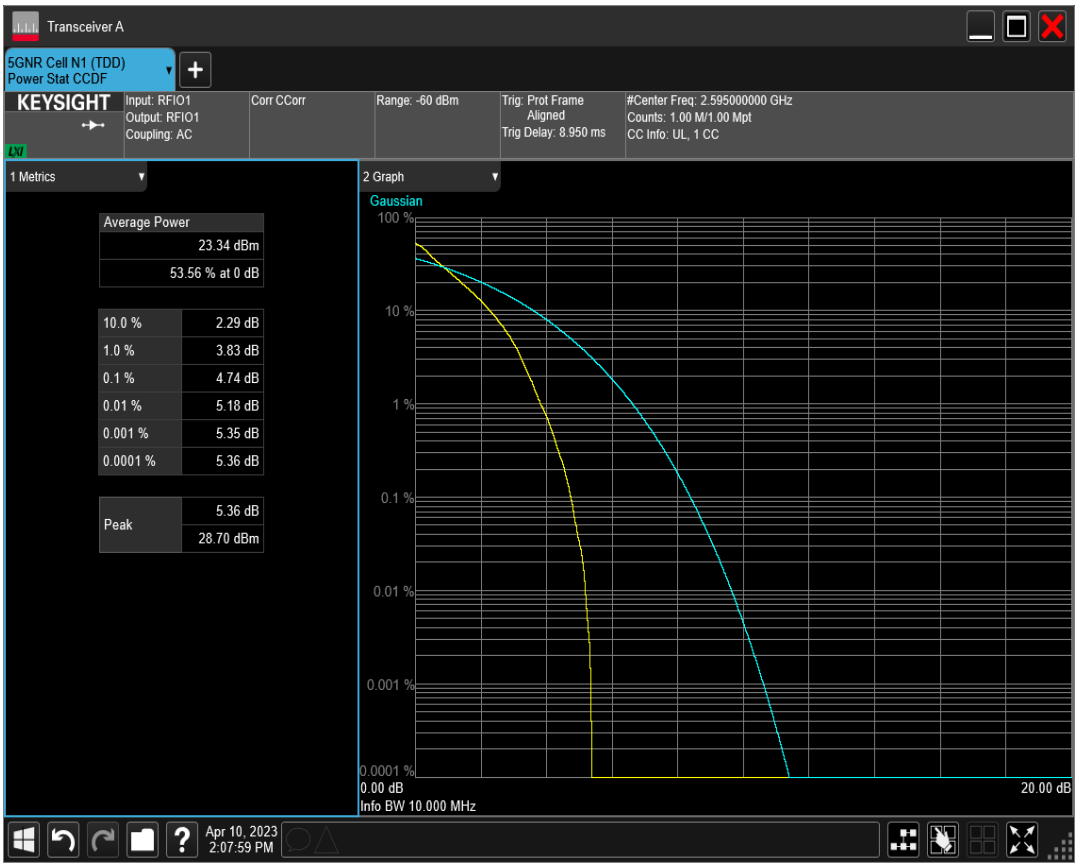
n38 SCS=15kHz DFT_QAM64 BW=5MHz Channel=518500 RB=25@0



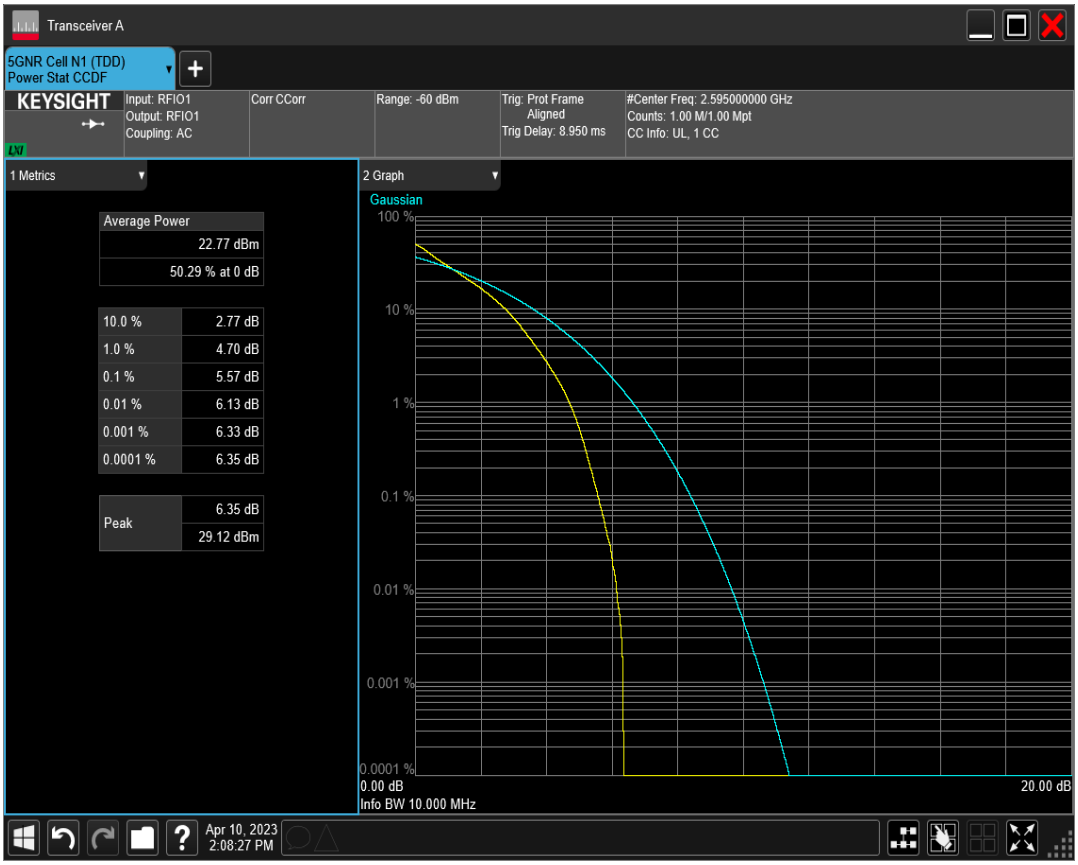
n38 SCS=15kHz DFT_QAM256 BW=5MHz Channel=518500 RB=25@0



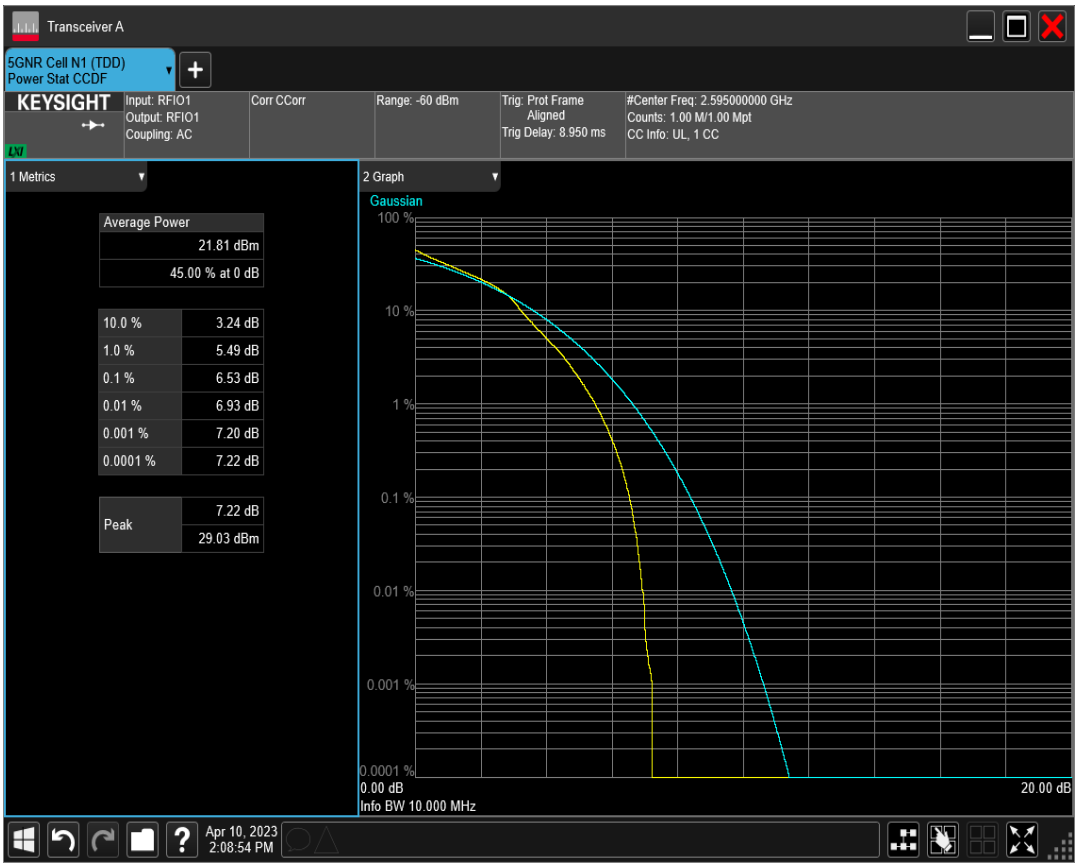
n38 SCS=15kHz DFT_BPSK BW=10MHz Channel=519000 RB=50@0



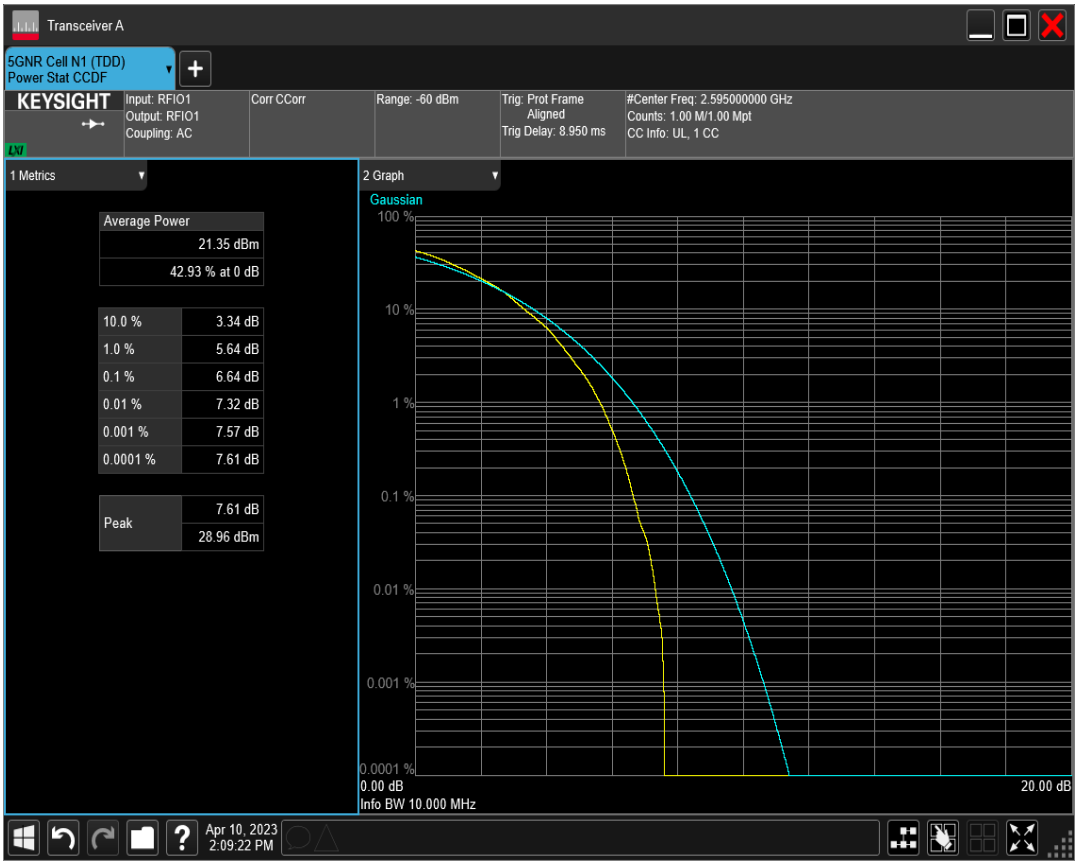
n38 SCS=15kHz DFT_QPSK BW=10MHz Channel=519000 RB=50@0



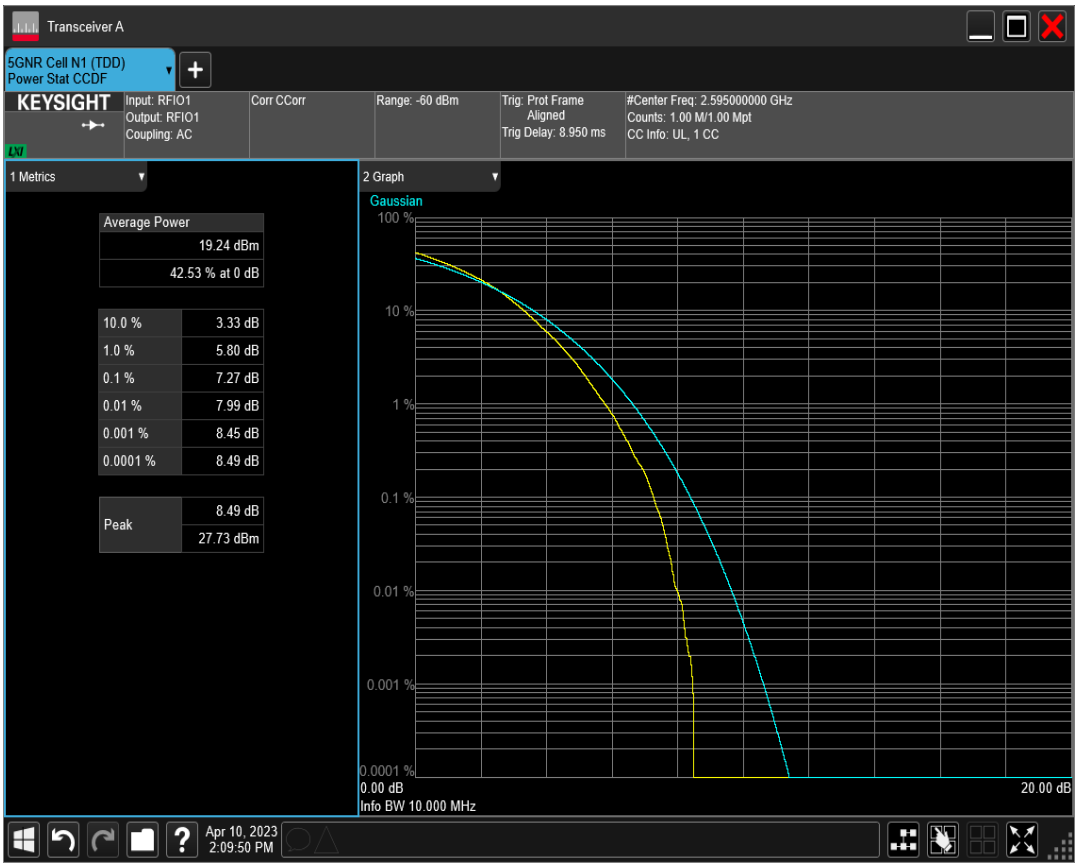
n38 SCS=15kHz DFT_QAM16 BW=10MHz Channel=519000 RB=50@0



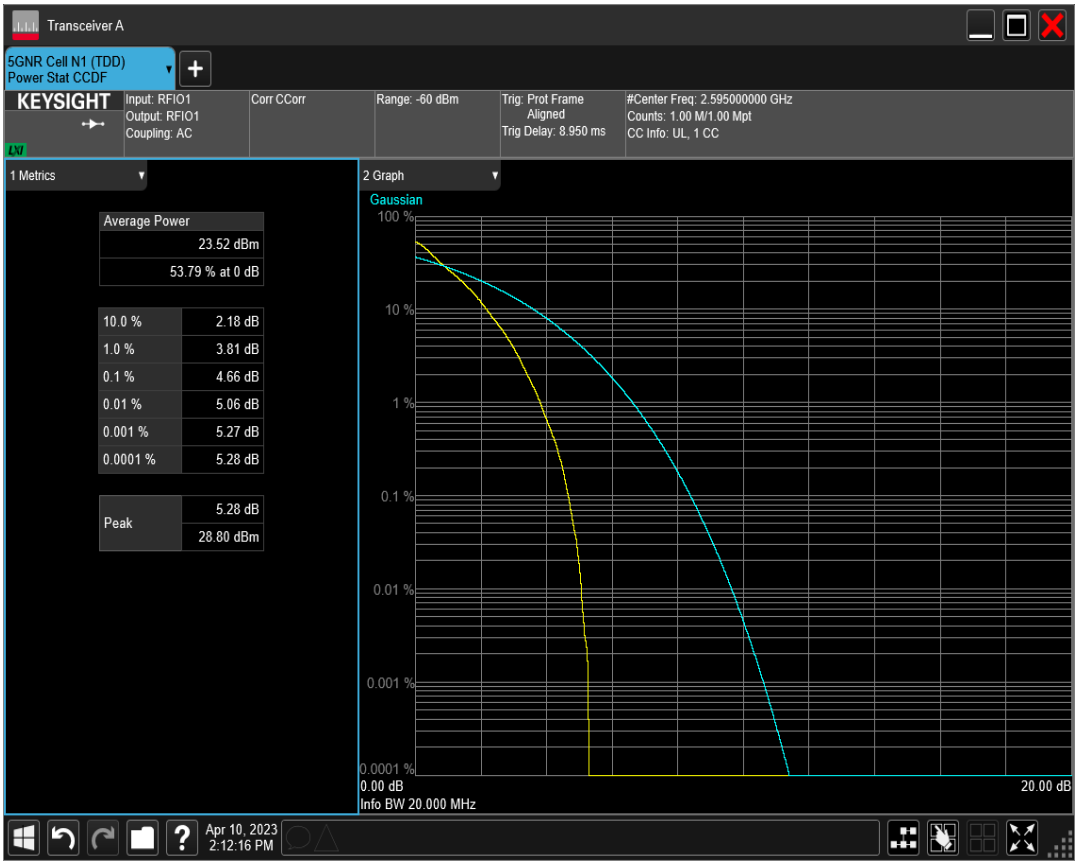
n38 SCS=15kHz DFT_QAM64 BW=10MHz Channel=519000 RB=50@0



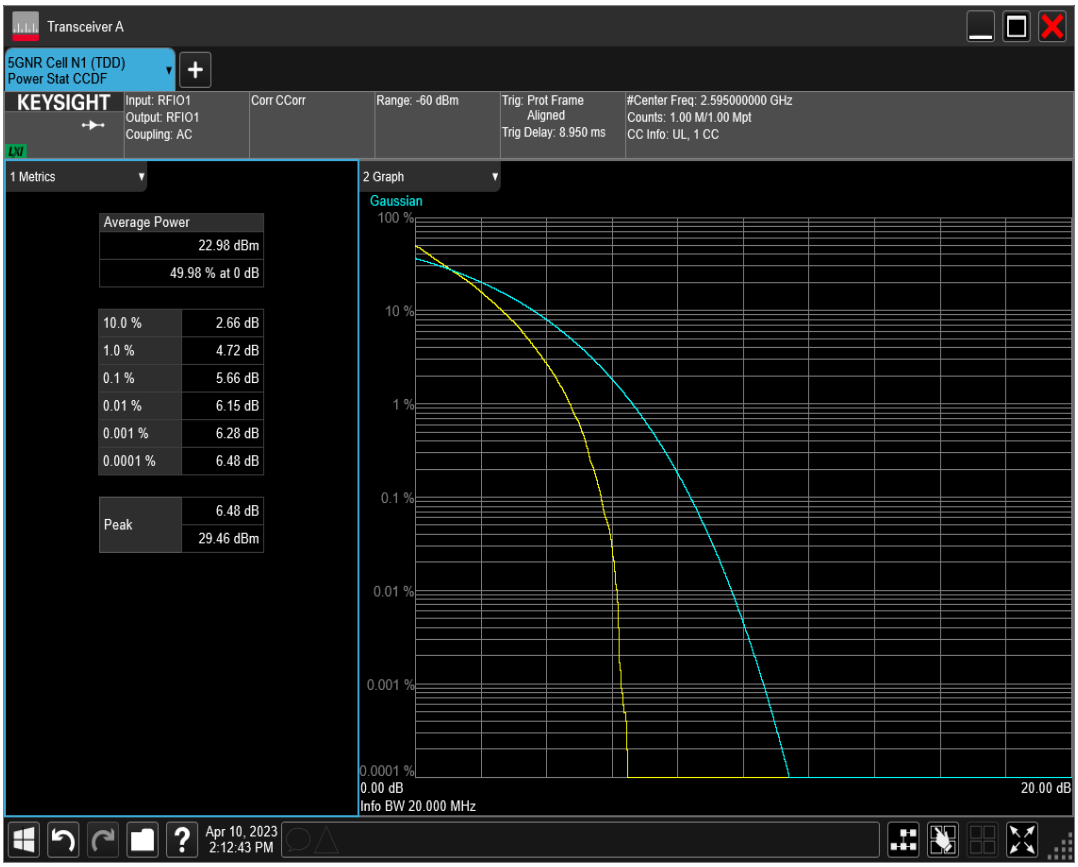
n38 SCS=15kHz DFT_QAM256 BW=10MHz Channel=519000 RB=50@0



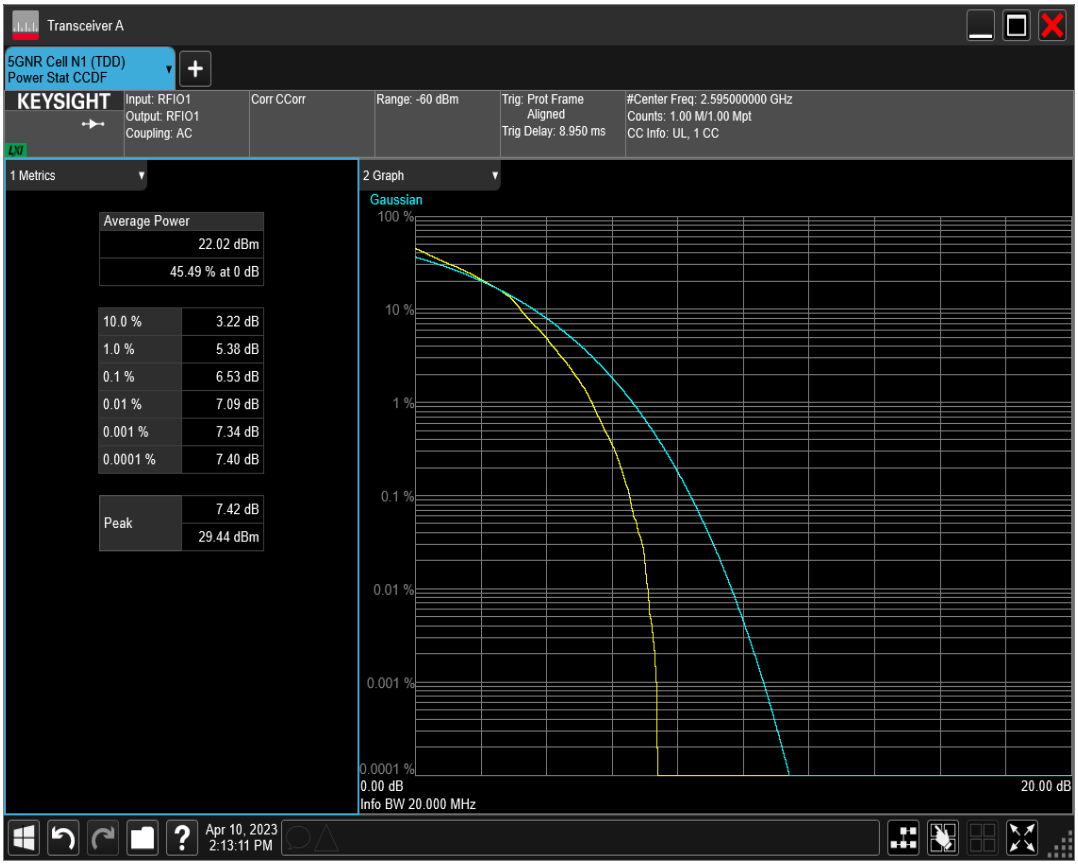
n38 SCS=15kHz DFT_BPSK BW=15MHz Channel=519000 RB=75@0



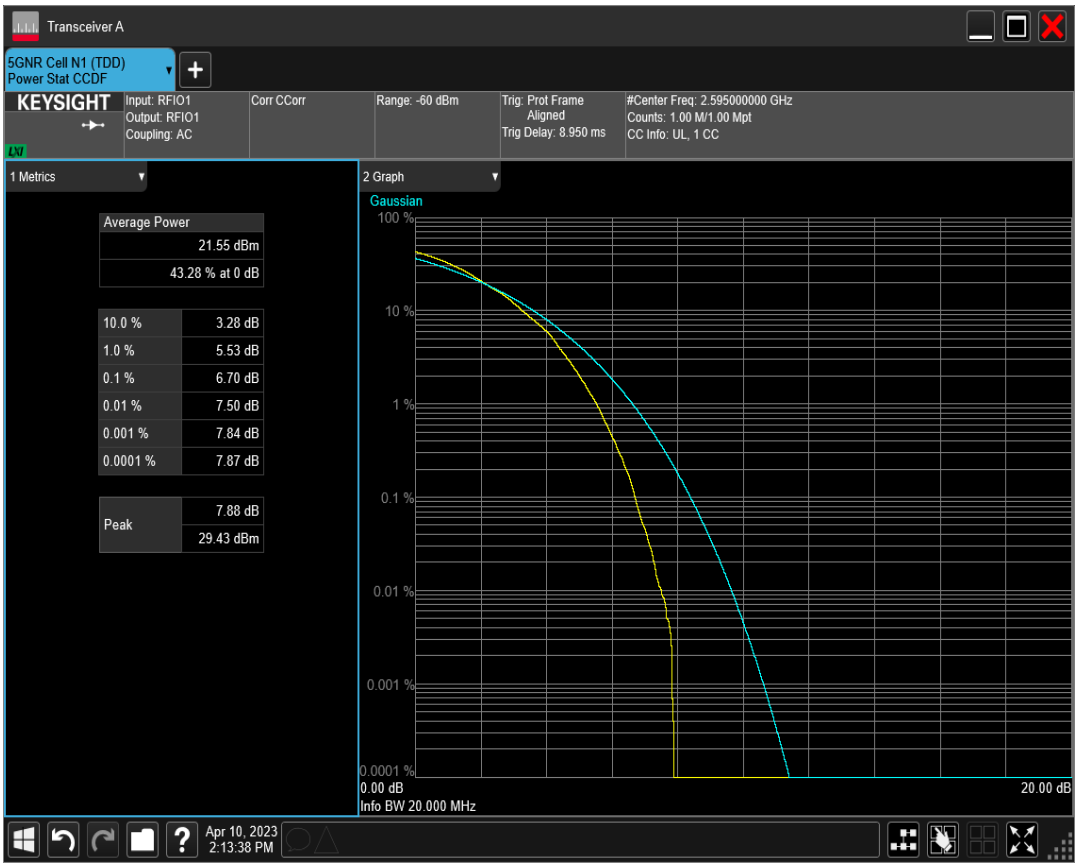
n38 SCS=15kHz DFT_QPSK BW=15MHz Channel=519000 RB=75@0



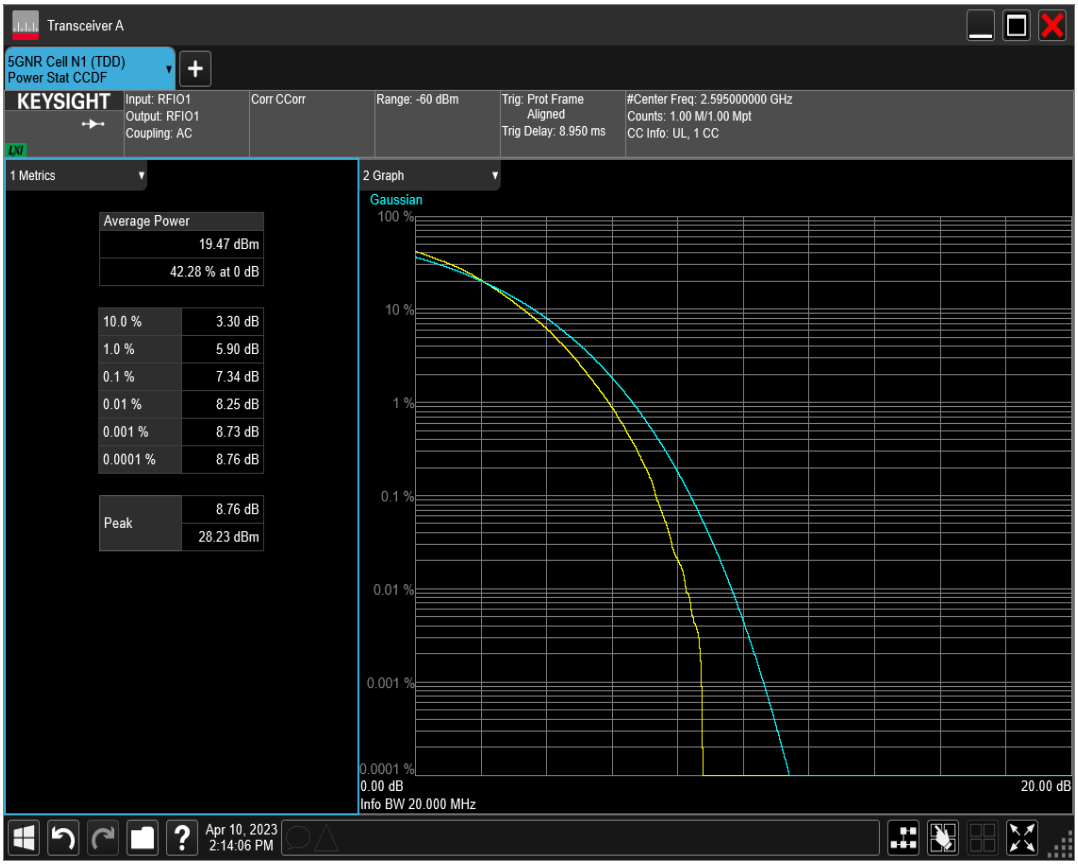
n38 SCS=15kHz DFT_QAM16 BW=15MHz Channel=519000 RB=75@0



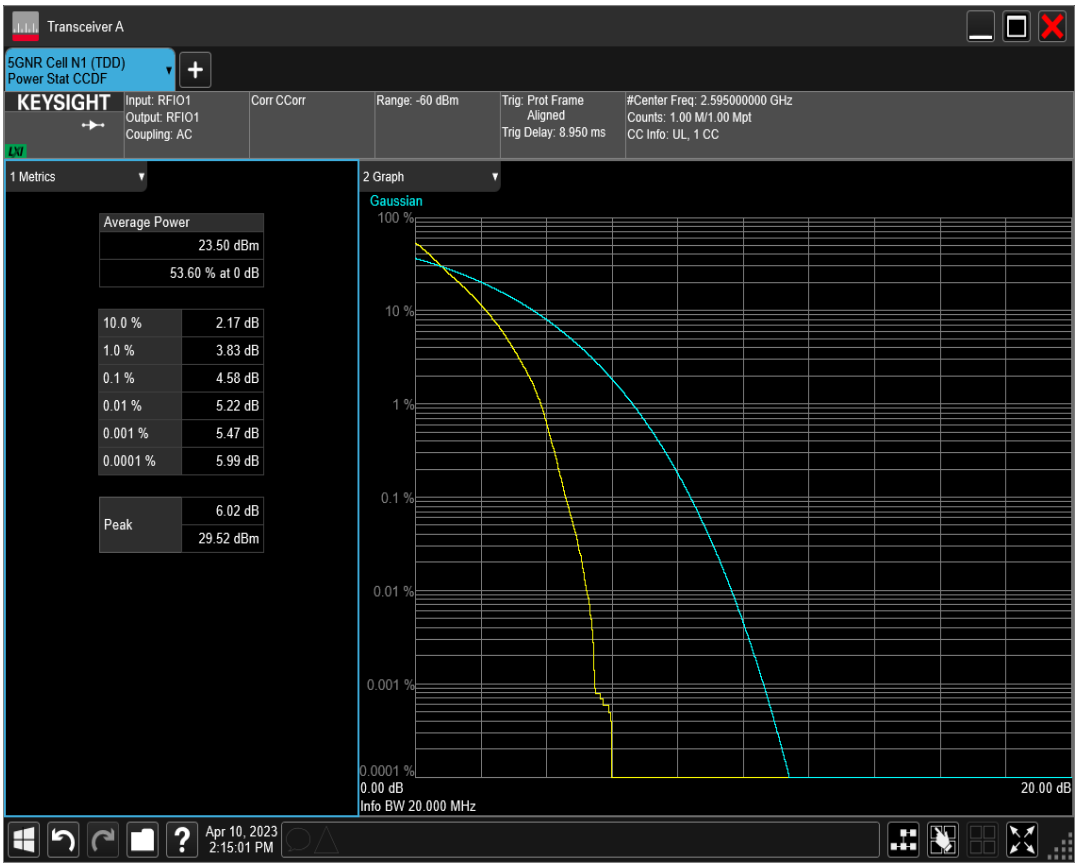
n38 SCS=15kHz DFT_QAM64 BW=15MHz Channel=519000 RB=75@0



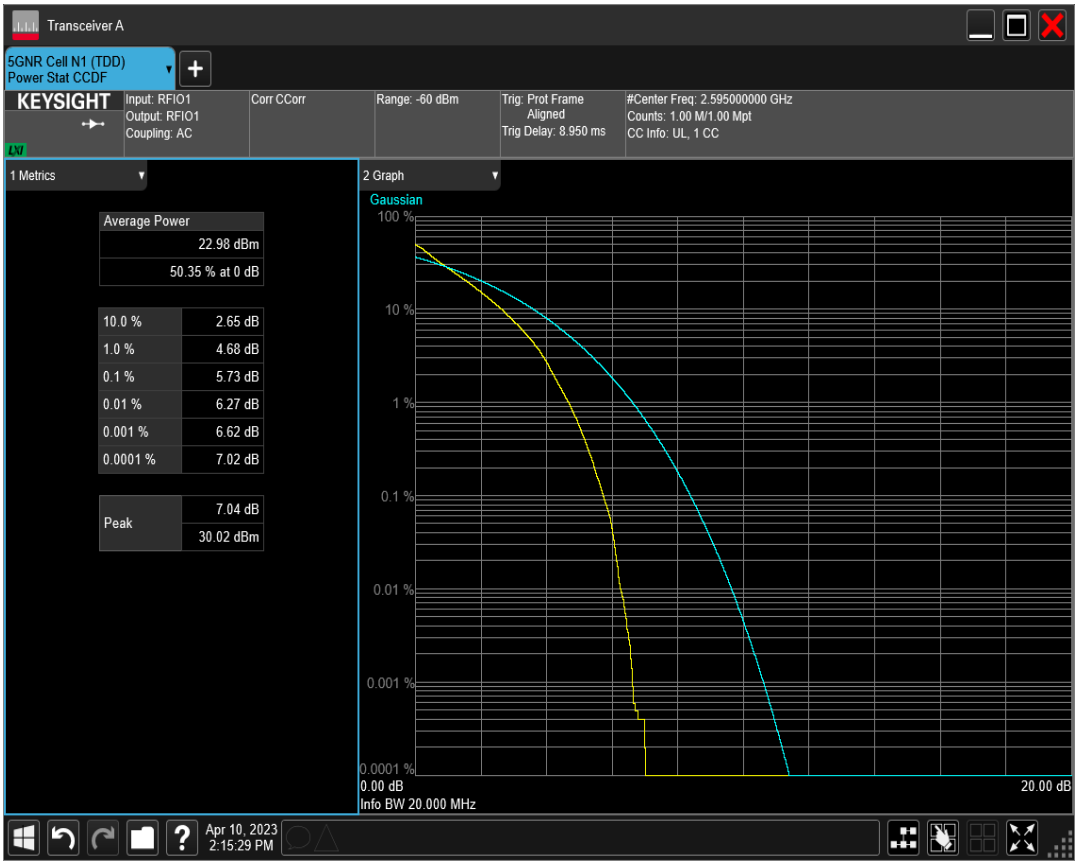
n38 SCS=15kHz DFT_QAM256 BW=15MHz Channel=519000 RB=75@0



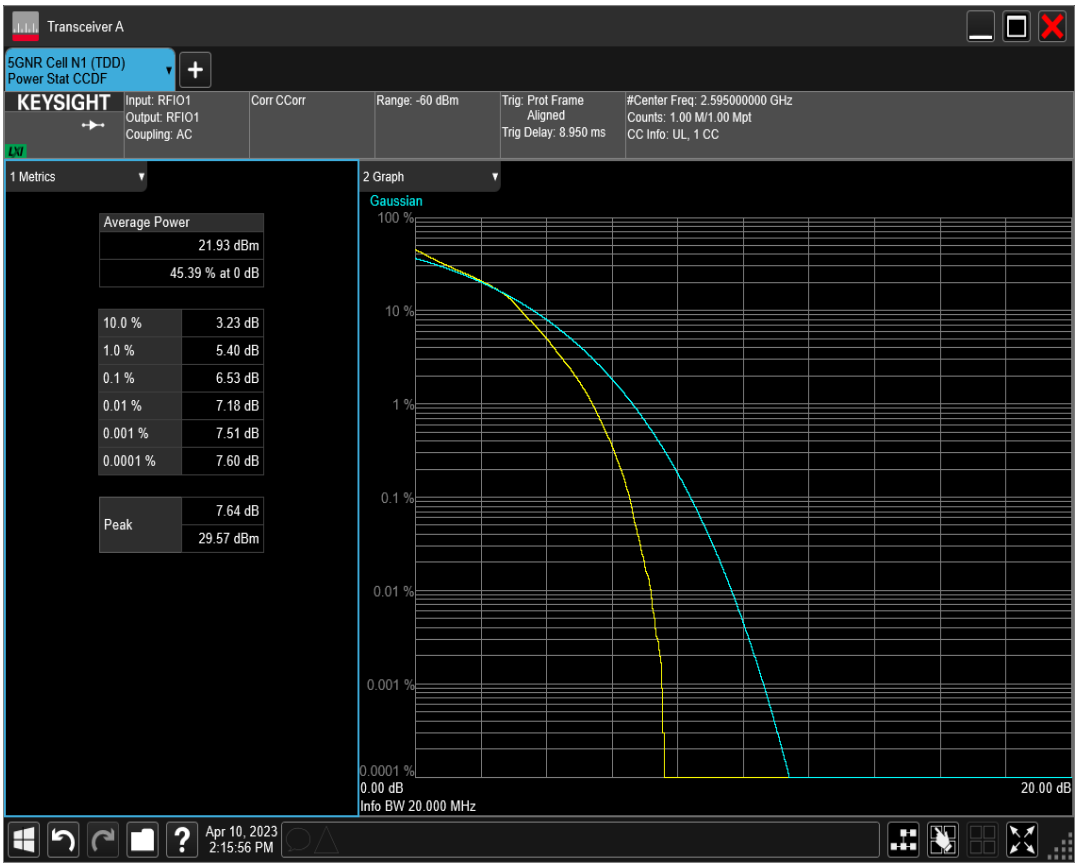
n38 SCS=15kHz DFT_BPSK BW=20MHz Channel=519000 RB=100@0



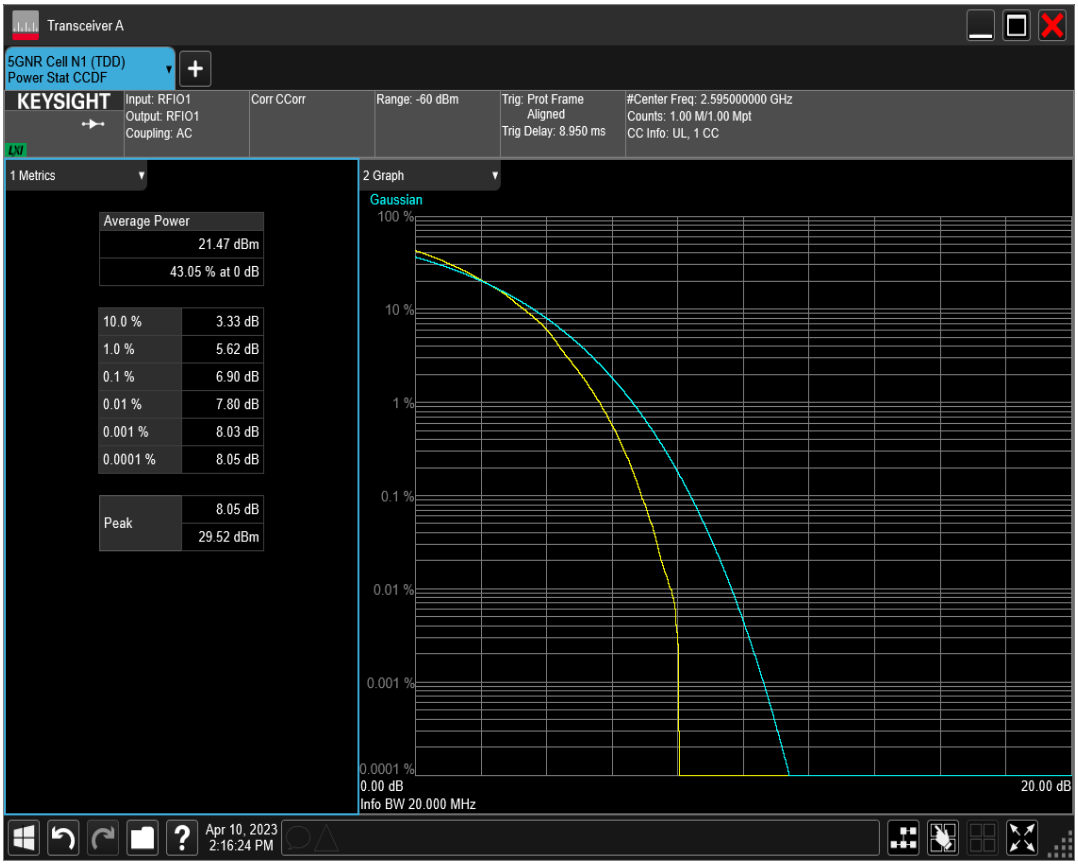
n38 SCS=15kHz DFT_QPSK BW=20MHz Channel=519000 RB=100@0



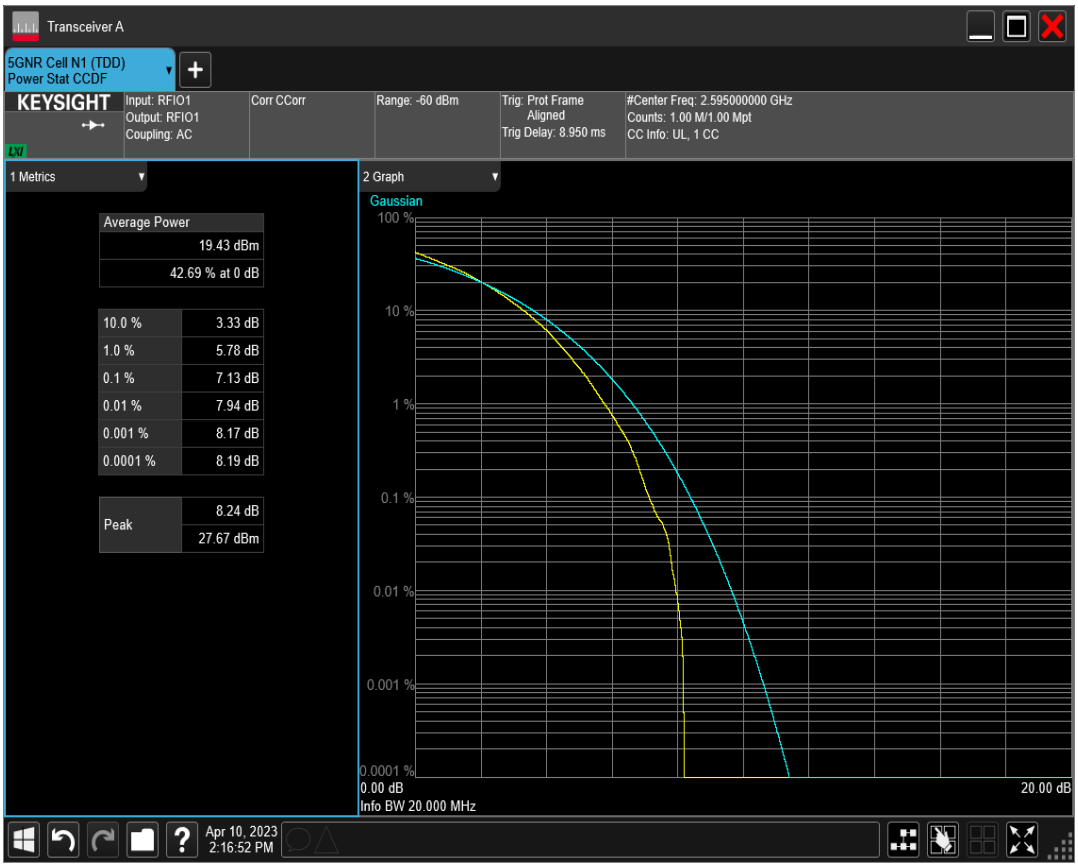
n38 SCS=15kHz DFT_QAM16 BW=20MHz Channel=519000 RB=100@0



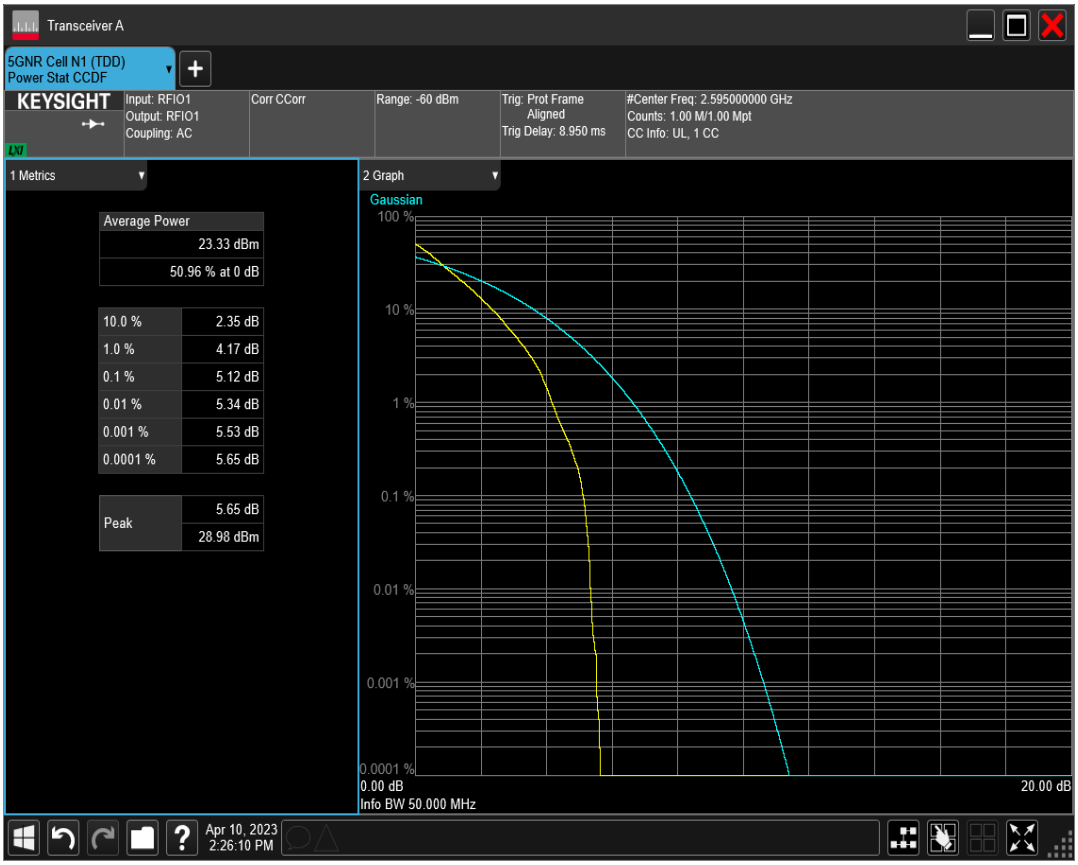
n38 SCS=15kHz DFT_QAM64 BW=20MHz Channel=519000 RB=100@0



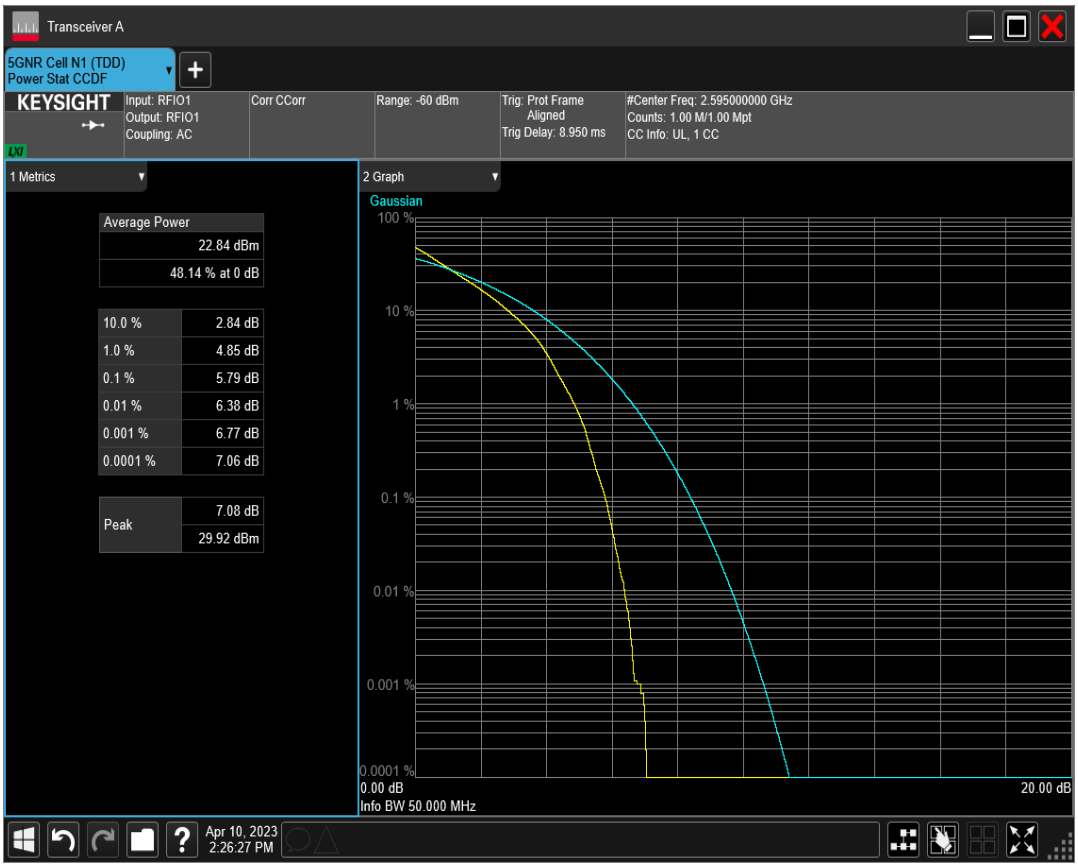
n38 SCS=15kHz DFT_QAM256 BW=20MHz Channel=519000 RB=100@0



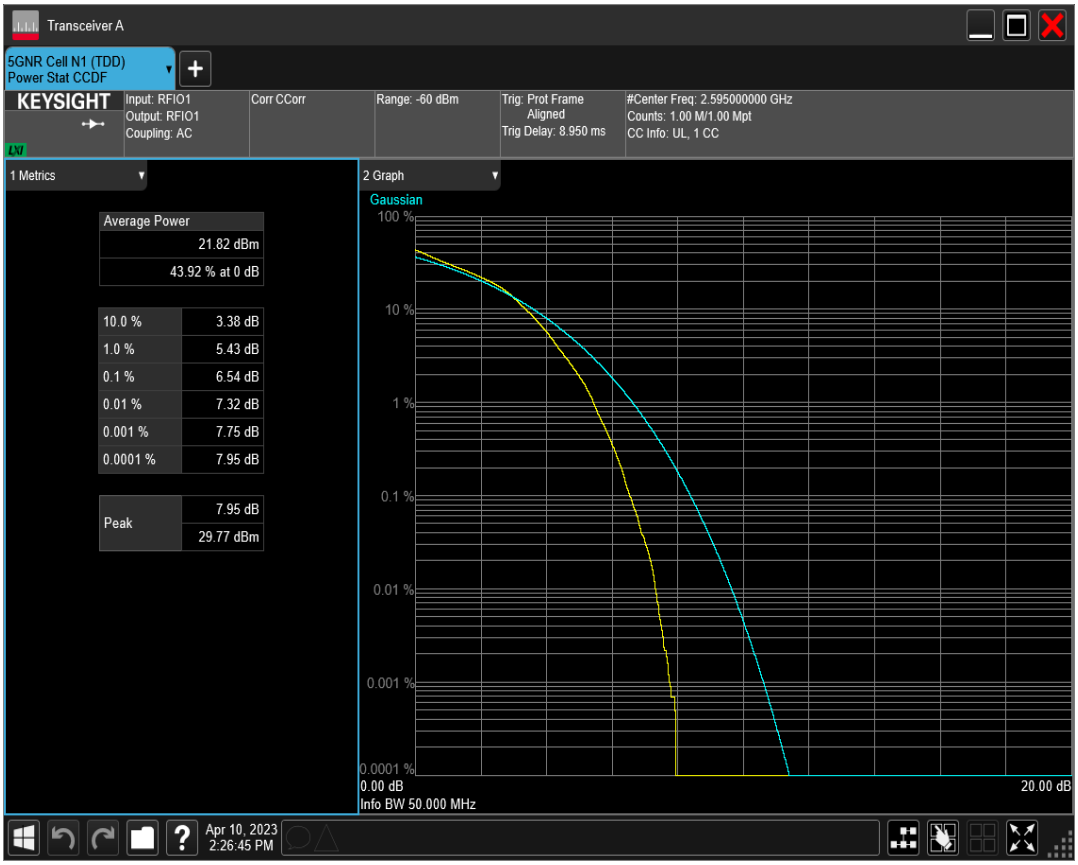
n38 SCS=15kHz DFT_BPSK BW=40MHz Channel=519000 RB=216@0



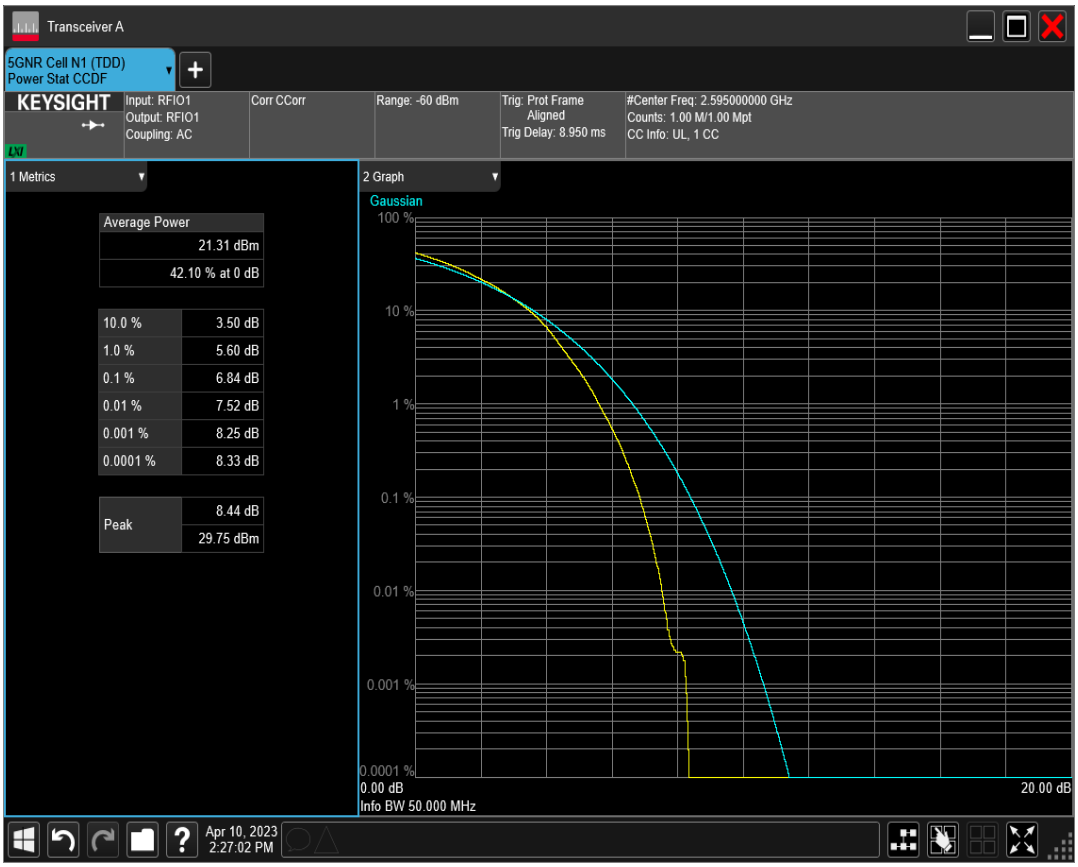
n38 SCS=15kHz DFT_QPSK BW=40MHz Channel=519000 RB=216@0



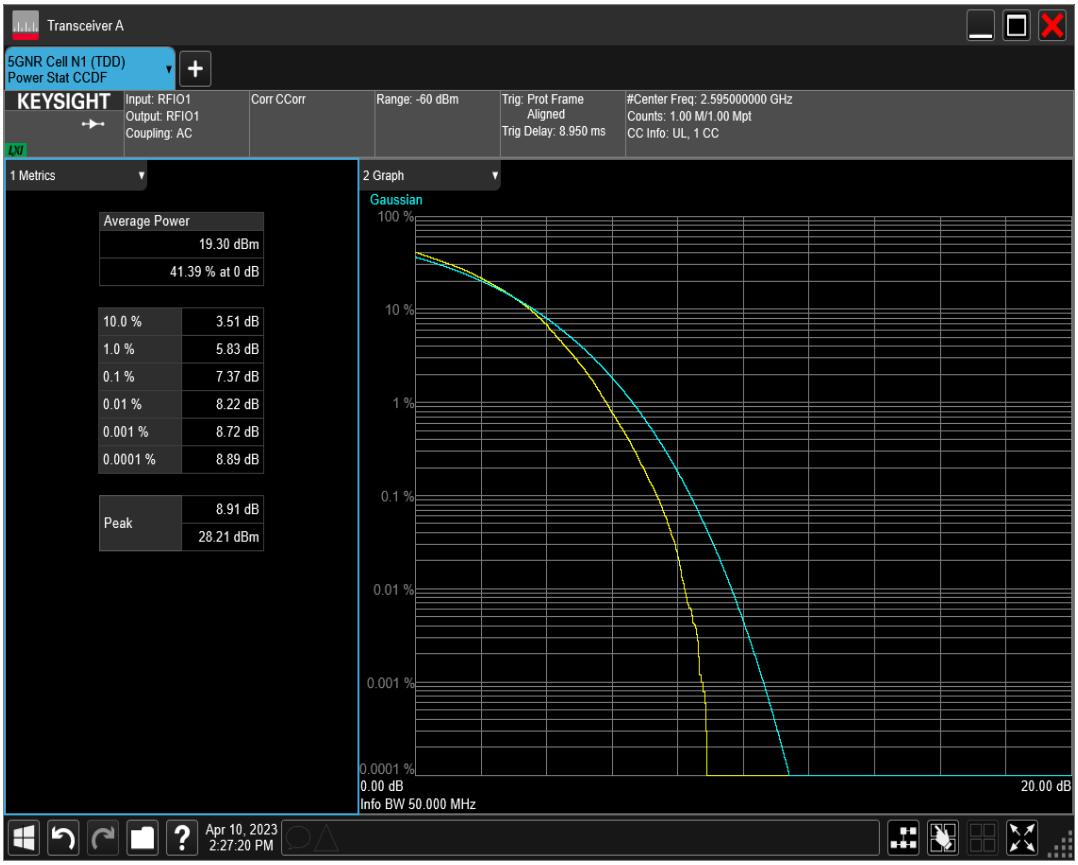
n38 SCS=15kHz DFT_QAM16 BW=40MHz Channel=519000 RB=216@0



n38 SCS=15kHz DFT_QAM64 BW=40MHz Channel=519000 RB=216@0



n38 SCS=15kHz DFT_QAM256 BW=40MHz Channel=519000 RB=216@0



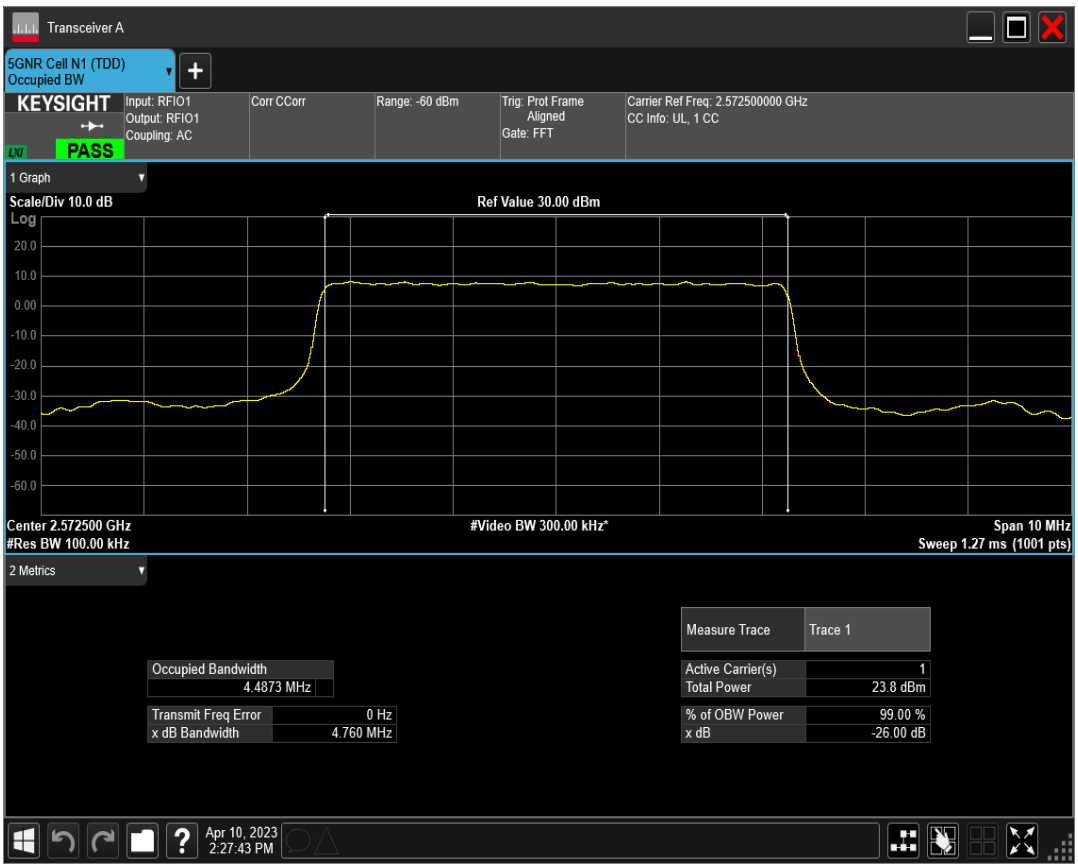
4 Occupied bandwidth for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n38	15	5	514500	25@0	DFT_BPSK	4.490	4.760	PASS
n38	15	5	514500	25@0	DFT_QPSK	4.500	4.780	PASS
n38	15	5	514500	25@0	DFT_QAM16	4.510	4.770	PASS
n38	15	5	514500	25@0	DFT_QAM64	4.490	4.770	PASS
n38	15	5	514500	25@0	DFT_QAM256	4.490	4.770	PASS
n38	15	5	514500	25@0	CP_QPSK	4.490	4.780	PASS
n38	15	5	518500	25@0	DFT_BPSK	4.490	4.770	PASS
n38	15	5	518500	25@0	DFT_QPSK	4.500	4.770	PASS
n38	15	5	518500	25@0	DFT_QAM16	4.500	4.770	PASS
n38	15	5	518500	25@0	DFT_QAM64	4.490	4.780	PASS
n38	15	5	518500	25@0	DFT_QAM256	4.490	4.760	PASS
n38	15	5	518500	25@0	CP_QPSK	4.490	4.780	PASS
n38	15	5	523500	25@0	DFT_BPSK	4.490	4.780	PASS
n38	15	5	523500	25@0	DFT_QPSK	4.490	4.780	PASS
n38	15	5	523500	25@0	DFT_QAM16	4.500	4.770	PASS
n38	15	5	523500	25@0	DFT_QAM64	4.490	4.790	PASS
n38	15	5	523500	25@0	DFT_QAM256	4.490	4.770	PASS
n38	15	5	523500	25@0	CP_QPSK	4.490	4.780	PASS
n38	15	10	515000	50@0	DFT_BPSK	9.240	9.460	PASS
n38	15	10	515000	50@0	DFT_QPSK	9.220	9.490	PASS
n38	15	10	515000	50@0	DFT_QAM16	9.220	9.490	PASS
n38	15	10	515000	50@0	DFT_QAM64	9.210	9.480	PASS
n38	15	10	515000	50@0	DFT_QAM256	9.250	9.490	PASS
n38	15	10	515000	52@0	CP_QPSK	9.330	9.850	PASS
n38	15	10	519000	50@0	DFT_BPSK	9.240	9.480	PASS
n38	15	10	519000	50@0	DFT_QPSK	9.240	9.470	PASS
n38	15	10	519000	50@0	DFT_QAM16	9.220	9.470	PASS
n38	15	10	519000	50@0	DFT_QAM64	9.250	9.480	PASS
n38	15	10	519000	50@0	DFT_QAM256	9.240	9.490	PASS
n38	15	10	519000	52@0	CP_QPSK	9.330	9.850	PASS
n38	15	10	523000	50@0	DFT_BPSK	9.220	9.470	PASS
n38	15	10	523000	50@0	DFT_QPSK	9.240	9.480	PASS
n38	15	10	523000	50@0	DFT_QAM16	9.220	9.470	PASS
n38	15	10	523000	50@0	DFT_QAM64	9.250	9.480	PASS
n38	15	10	523000	50@0	DFT_QAM256	9.250	9.490	PASS
n38	15	10	523000	52@0	CP_QPSK	9.330	9.860	PASS
n38	15	15	515500	75@0	DFT_BPSK	14.000	14.210	PASS
n38	15	15	515500	75@0	DFT_QPSK	14.010	14.210	PASS
n38	15	15	515500	75@0	DFT_QAM16	13.990	14.200	PASS

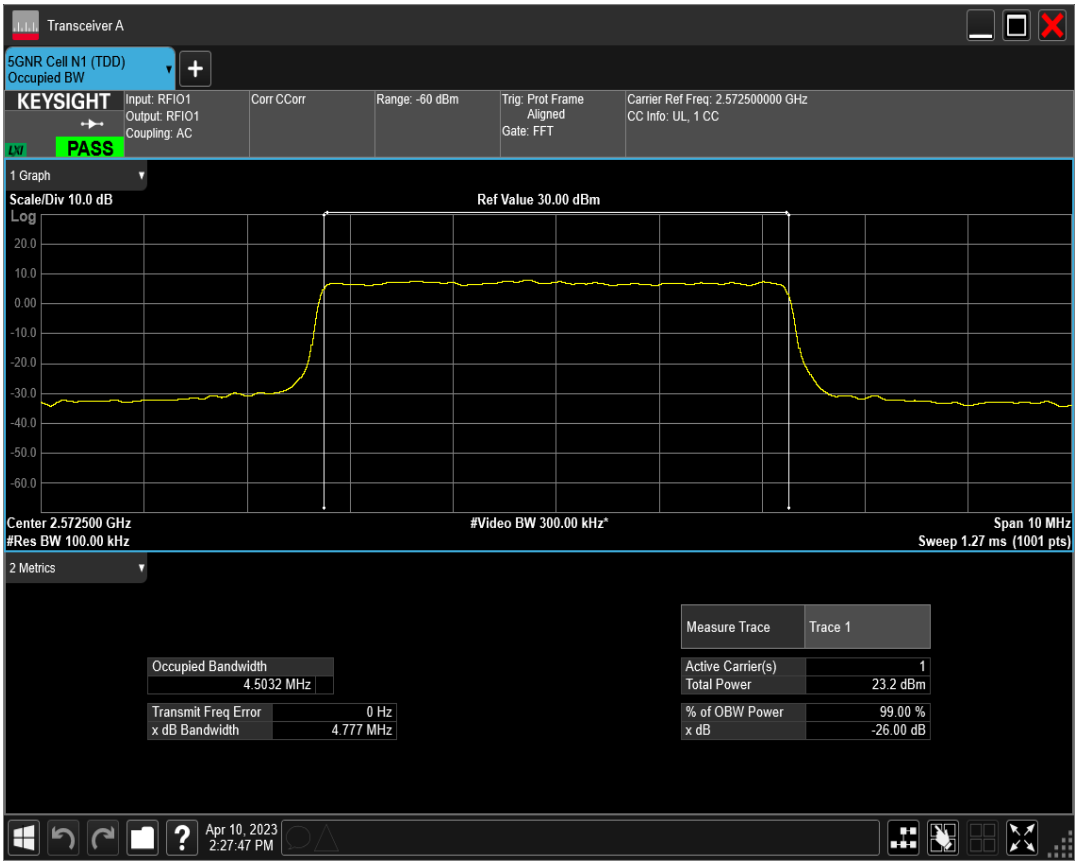
n38	15	15	515500	75@0	DFT_QAM64	14.010	14.210	PASS
n38	15	15	515500	75@0	DFT_QAM256	14.000	14.220	PASS
n38	15	15	515500	79@0	CP_QPSK	14.170	14.940	PASS
n38	15	15	519000	75@0	DFT_BPSK	14.010	14.210	PASS
n38	15	15	519000	75@0	DFT_QPSK	14.060	14.240	PASS
n38	15	15	519000	75@0	DFT_QAM16	14.000	14.200	PASS
n38	15	15	519000	75@0	DFT_QAM64	14.010	14.220	PASS
n38	15	15	519000	75@0	DFT_QAM256	14.010	14.220	PASS
n38	15	15	519000	79@0	CP_QPSK	14.170	14.930	PASS
n38	15	15	522500	75@0	DFT_BPSK	14.040	14.200	PASS
n38	15	15	522500	75@0	DFT_QPSK	14.000	14.220	PASS
n38	15	15	522500	75@0	DFT_QAM16	13.990	14.200	PASS
n38	15	15	522500	75@0	DFT_QAM64	14.000	14.220	PASS
n38	15	15	522500	75@0	DFT_QAM256	13.990	14.210	PASS
n38	15	15	522500	79@0	CP_QPSK	14.170	14.930	PASS
n38	15	20	516000	100@0	DFT_BPSK	18.760	18.900	PASS
n38	15	20	516000	100@0	DFT_QPSK	18.750	18.920	PASS
n38	15	20	516000	100@0	DFT_QAM16	18.800	18.910	PASS
n38	15	20	516000	100@0	DFT_QAM64	18.750	18.900	PASS
n38	15	20	516000	100@0	DFT_QAM256	18.810	18.920	PASS
n38	15	20	516000	106@0	CP_QPSK	18.990	20.000	PASS
n38	15	20	519000	100@0	DFT_BPSK	18.800	18.900	PASS
n38	15	20	519000	100@0	DFT_QPSK	18.760	18.910	PASS
n38	15	20	519000	100@0	DFT_QAM16	18.810	18.920	PASS
n38	15	20	519000	100@0	DFT_QAM64	18.840	18.930	PASS
n38	15	20	519000	100@0	DFT_QAM256	18.810	18.930	PASS
n38	15	20	519000	106@0	CP_QPSK	18.990	20.000	PASS
n38	15	20	522000	100@0	DFT_BPSK	18.750	18.910	PASS
n38	15	20	522000	100@0	DFT_QPSK	18.740	18.920	PASS
n38	15	20	522000	100@0	DFT_QAM16	18.810	18.920	PASS
n38	15	20	522000	100@0	DFT_QAM64	18.750	18.920	PASS
n38	15	20	522000	100@0	DFT_QAM256	18.810	18.930	PASS
n38	15	20	522000	106@0	CP_QPSK	18.990	20.010	PASS
n38	15	40	518000	216@0	DFT_BPSK	38.760	40.740	PASS
n38	15	40	518000	216@0	DFT_QPSK	38.730	40.720	PASS
n38	15	40	518000	216@0	DFT_QAM16	38.740	40.720	PASS
n38	15	40	518000	216@0	DFT_QAM64	38.730	40.730	PASS
n38	15	40	518000	216@0	DFT_QAM256	38.760	40.760	PASS
n38	15	40	518000	216@0	CP_QPSK	38.740	40.760	PASS
n38	15	40	519000	216@0	DFT_BPSK	38.750	40.750	PASS
n38	15	40	519000	216@0	DFT_QPSK	38.750	40.750	PASS
n38	15	40	519000	216@0	DFT_QAM16	38.740	40.750	PASS
n38	15	40	519000	216@0	DFT_QAM64	38.740	40.750	PASS
n38	15	40	519000	216@0	DFT_QAM256	38.750	40.750	PASS

n38	15	40	519000	216@0	CP_QPSK	38.740	40.750	PASS
n38	15	40	520000	216@0	DFT_BPSK	38.740	40.750	PASS
n38	15	40	520000	216@0	DFT_QPSK	38.740	40.750	PASS
n38	15	40	520000	216@0	DFT_QAM16	38.750	40.750	PASS
n38	15	40	520000	216@0	DFT_QAM64	38.740	40.750	PASS
n38	15	40	520000	216@0	DFT_QAM256	38.750	40.750	PASS
n38	15	40	520000	216@0	CP_QPSK	38.750	40.750	PASS

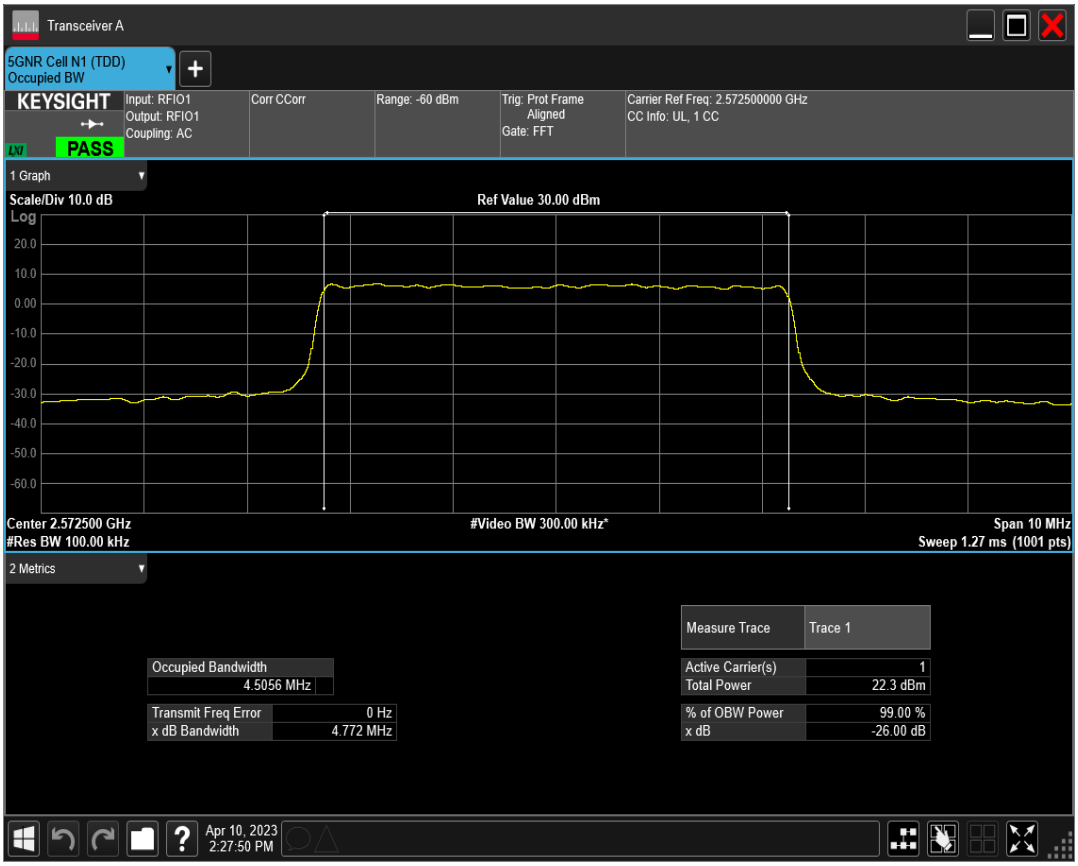
n38 SCS=15kHz DFT_BPSK BW=5MHz Channel=514500 RB=25@0



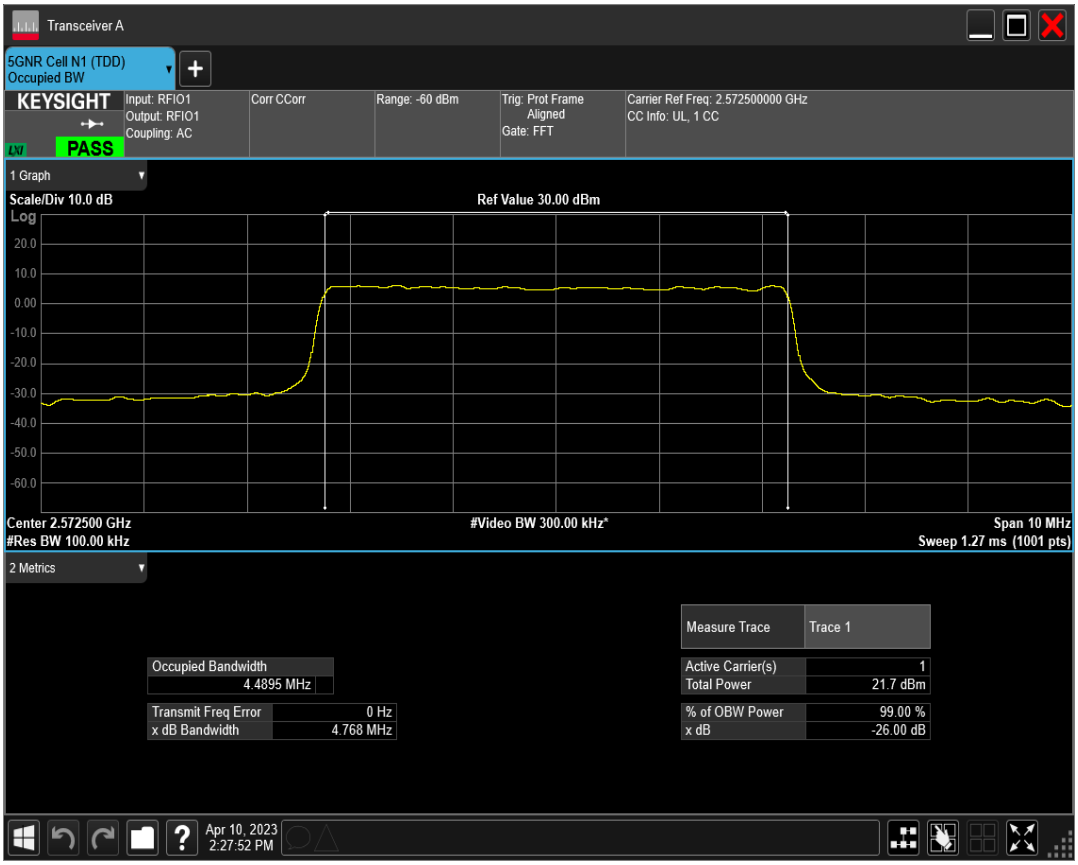
n38 SCS=15kHz DFT_QPSK BW=5MHz Channel=514500 RB=25@0



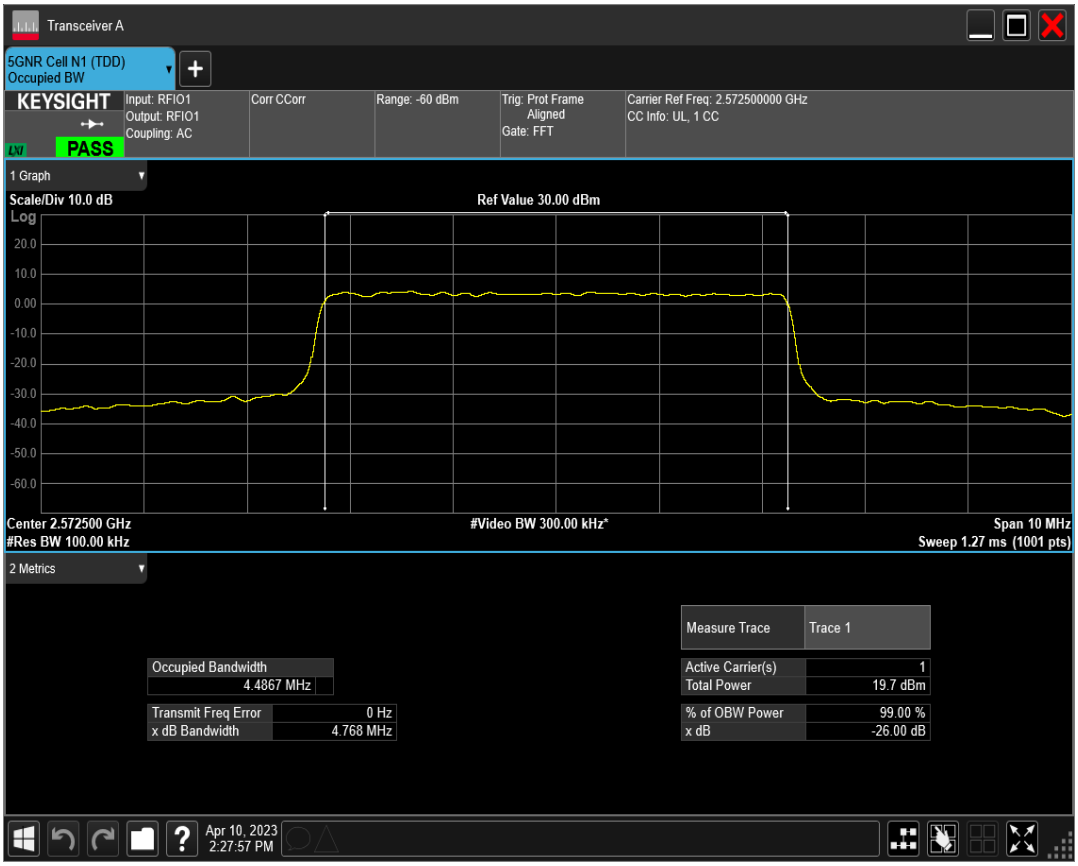
n38 SCS=15kHz DFT_QAM16 BW=5MHz Channel=514500 RB=25@0



n38 SCS=15kHz DFT_QAM64 BW=5MHz Channel=514500 RB=25@0

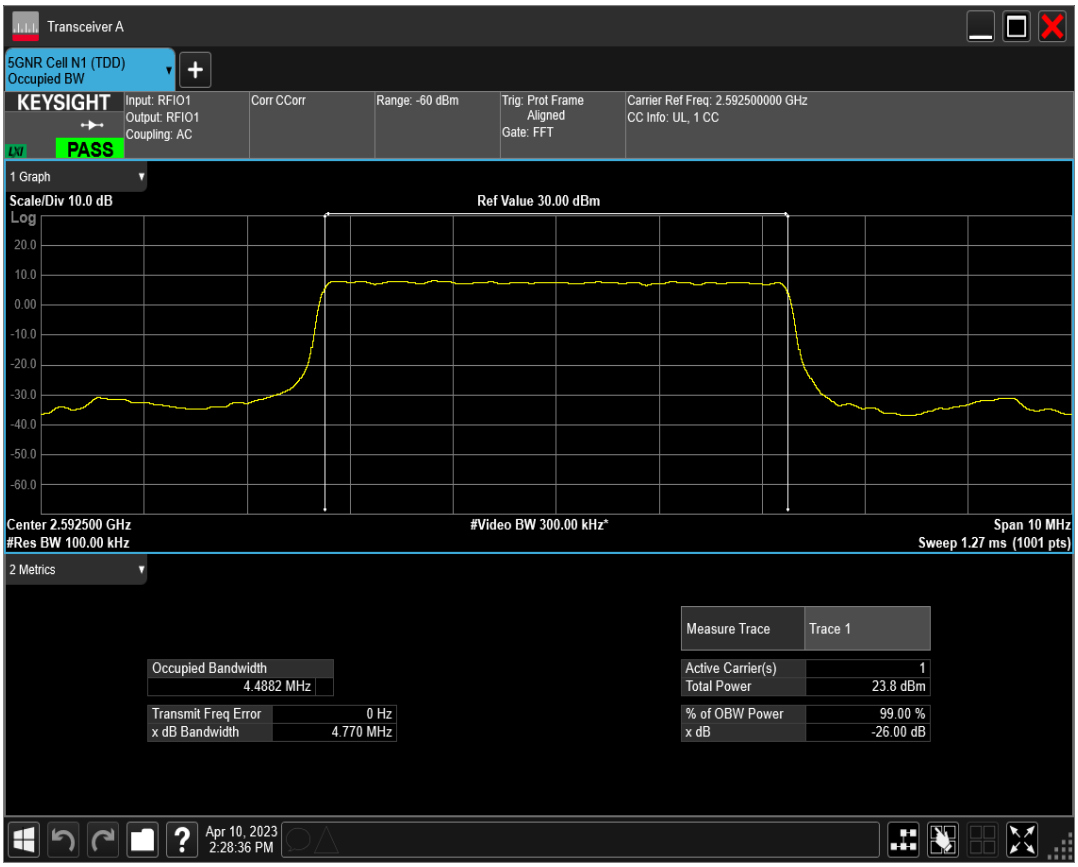


n38 SCS=15kHz DFT_QAM256 BW=5MHz Channel=514500 RB=25@0

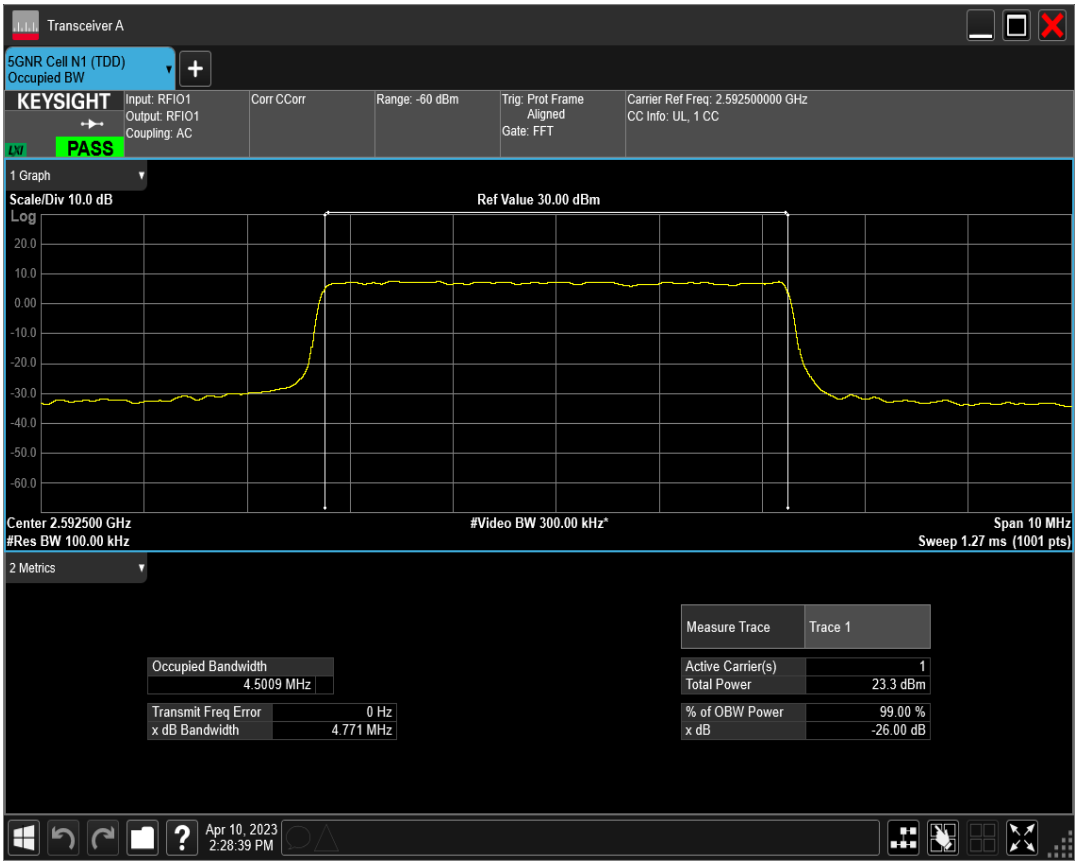


n38 SCS=15kHz CP_QPSK BW=5MHz Channel=514500 RB=25@0

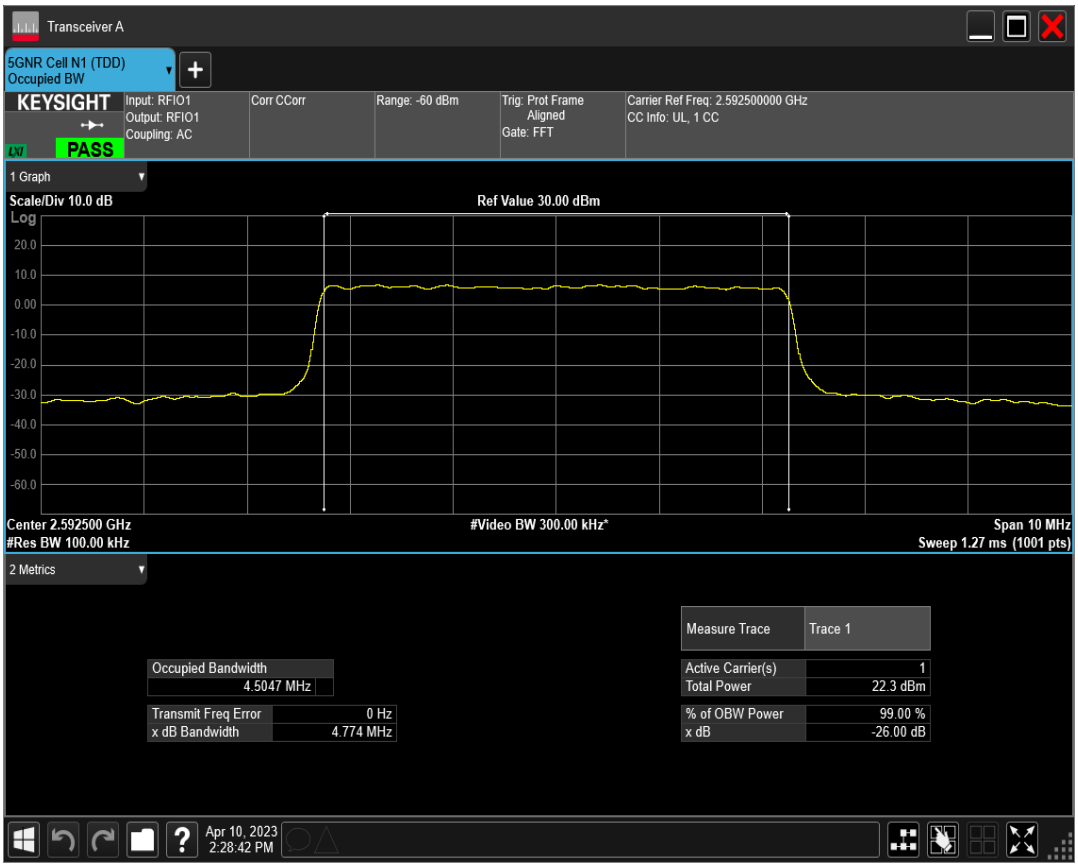
n38 SCS=15kHz DFT_BPSK BW=5MHz Channel=518500 RB=25@0



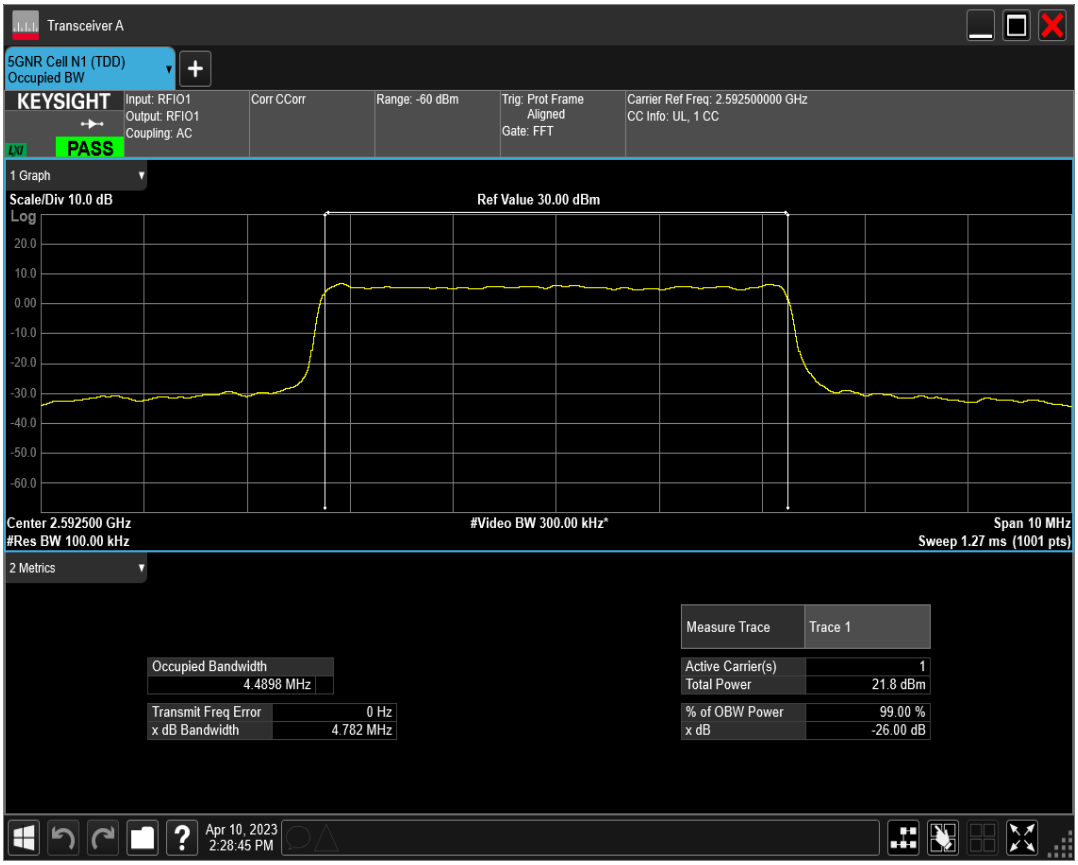
n38 SCS=15kHz DFT_QPSK BW=5MHz Channel=518500 RB=25@0



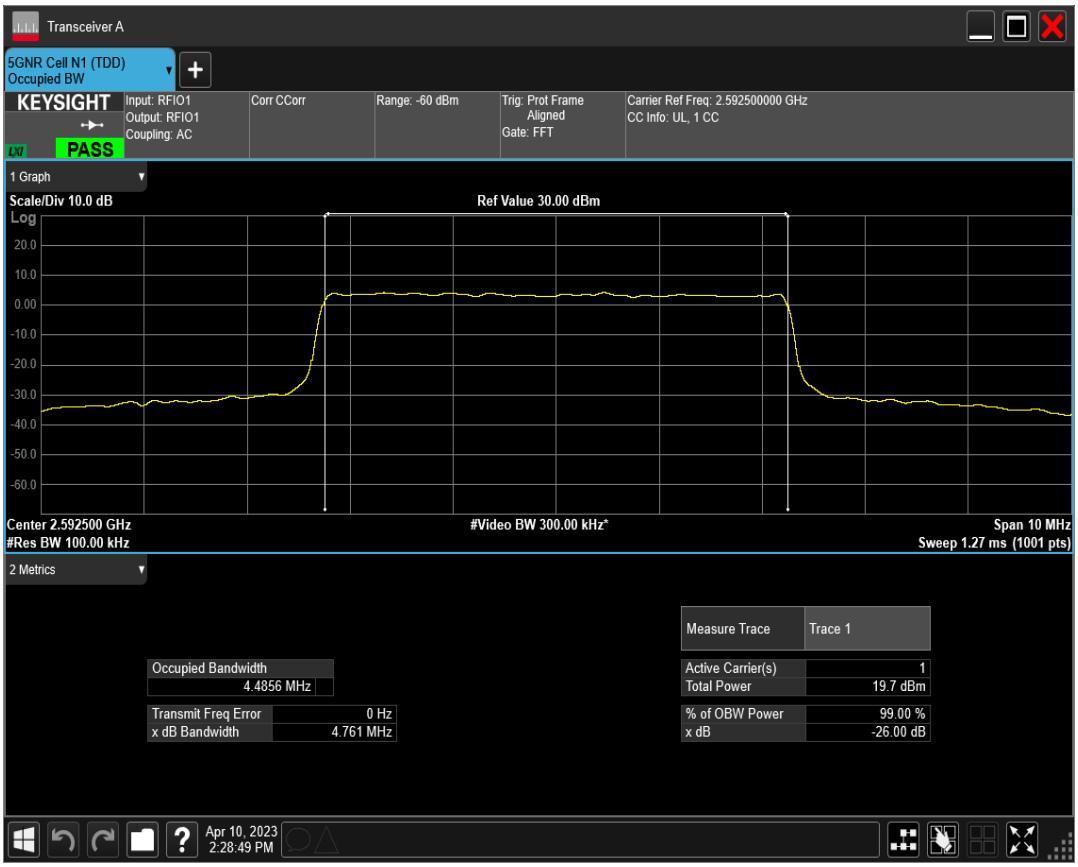
n38 SCS=15kHz DFT_QAM16 BW=5MHz Channel=518500 RB=25@0



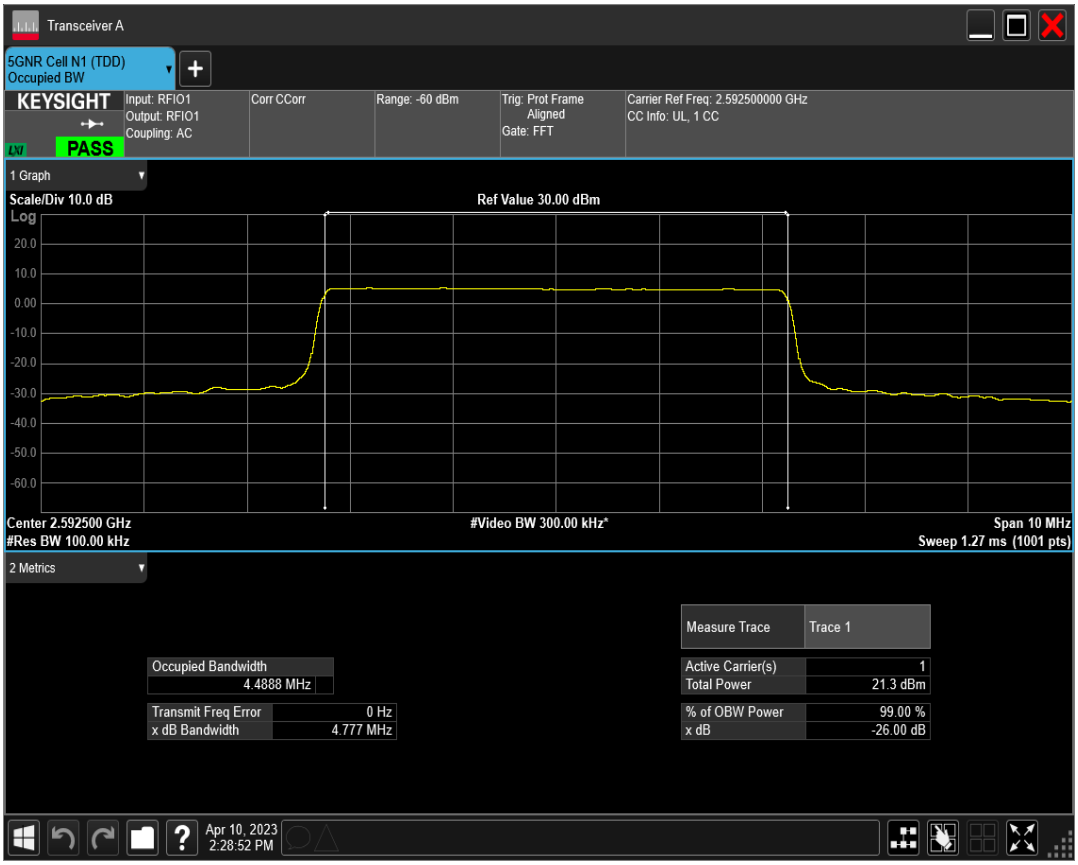
n38 SCS=15kHz DFT_QAM64 BW=5MHz Channel=518500 RB=25@0



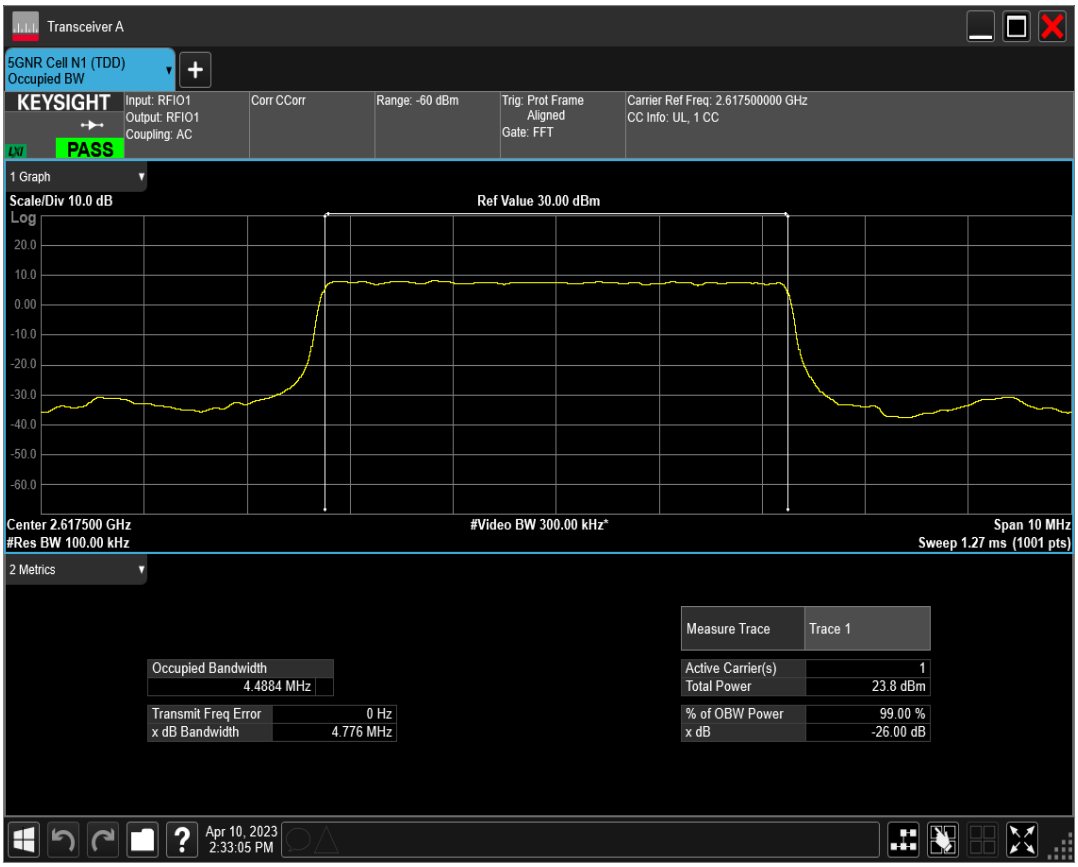
n38 SCS=15kHz DFT_QAM256 BW=5MHz Channel=518500 RB=25@0



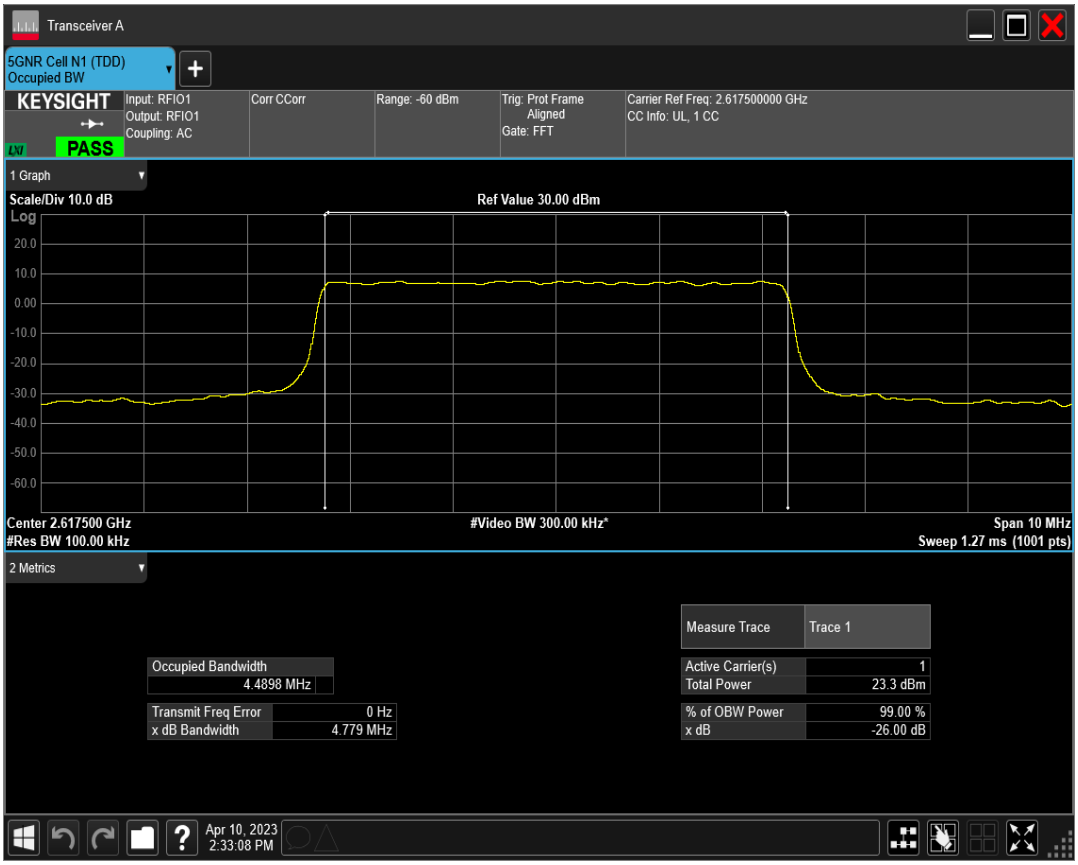
n38 SCS=15kHz CP_QPSK BW=5MHz Channel=518500 RB=25@0



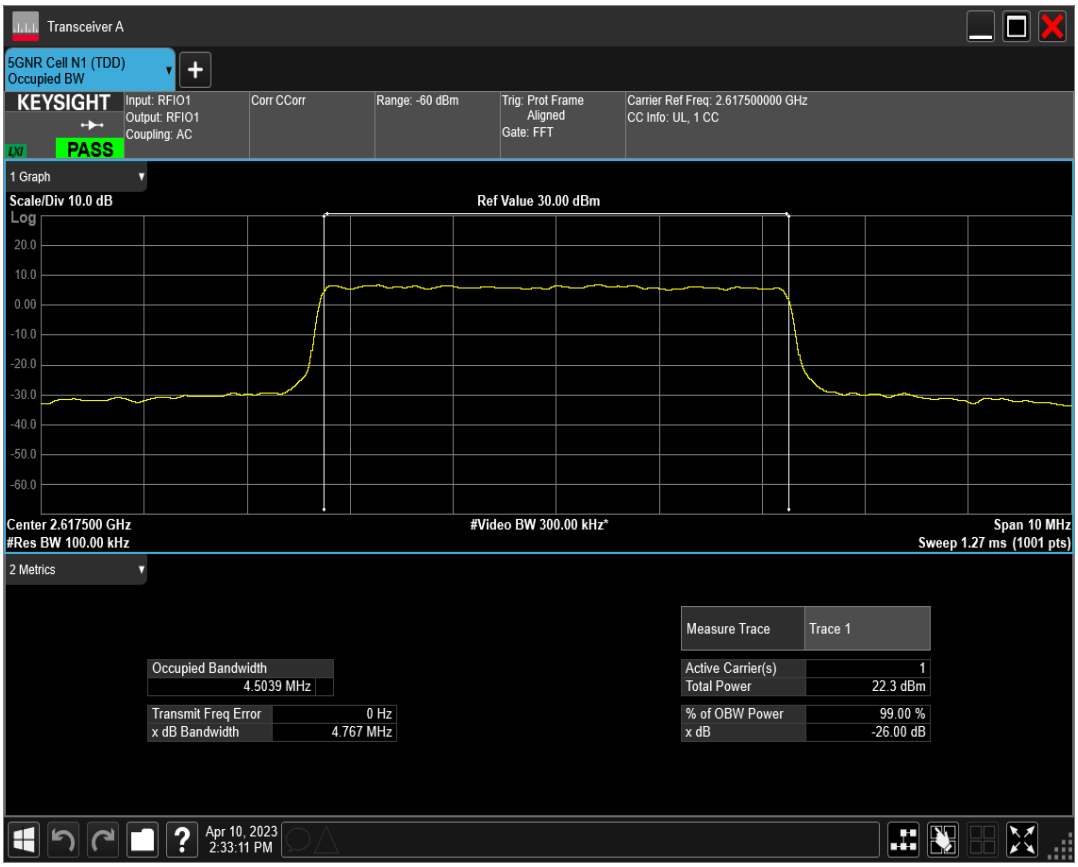
n38 SCS=15kHz DFT_BPSK BW=5MHz Channel=523500 RB=25@0



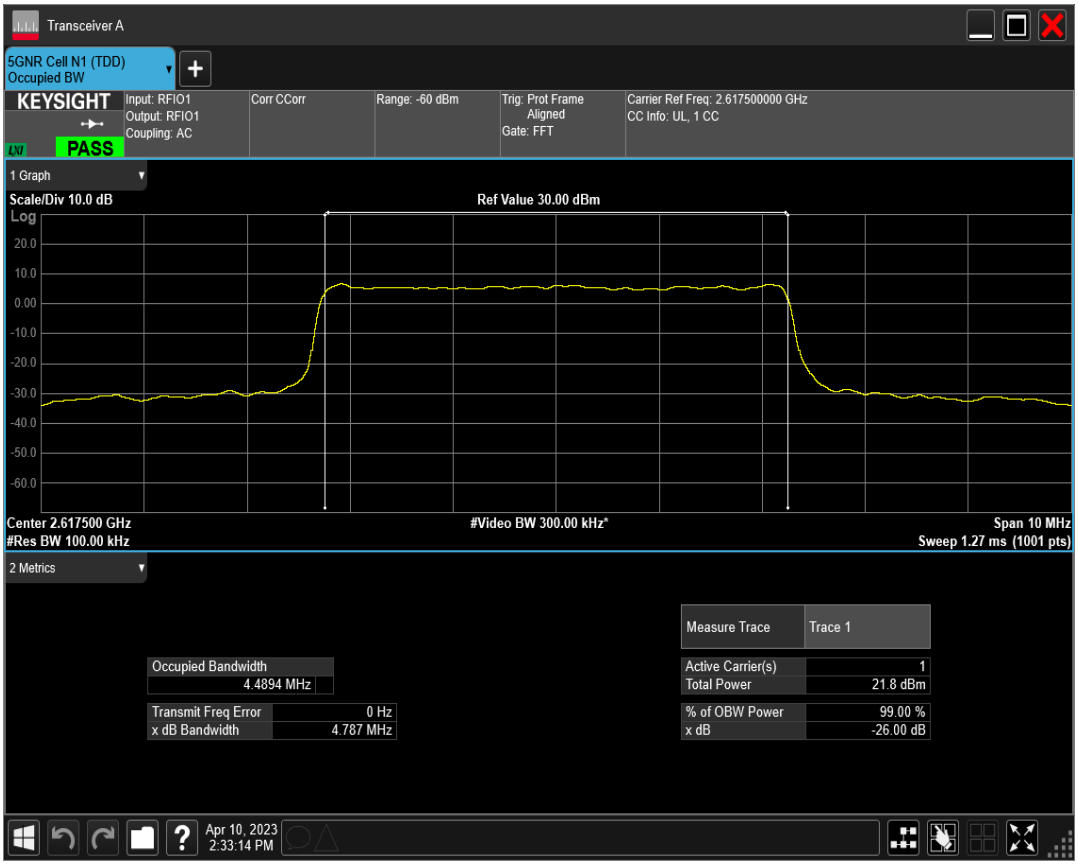
n38 SCS=15kHz DFT_QPSK BW=5MHz Channel=523500 RB=25@0



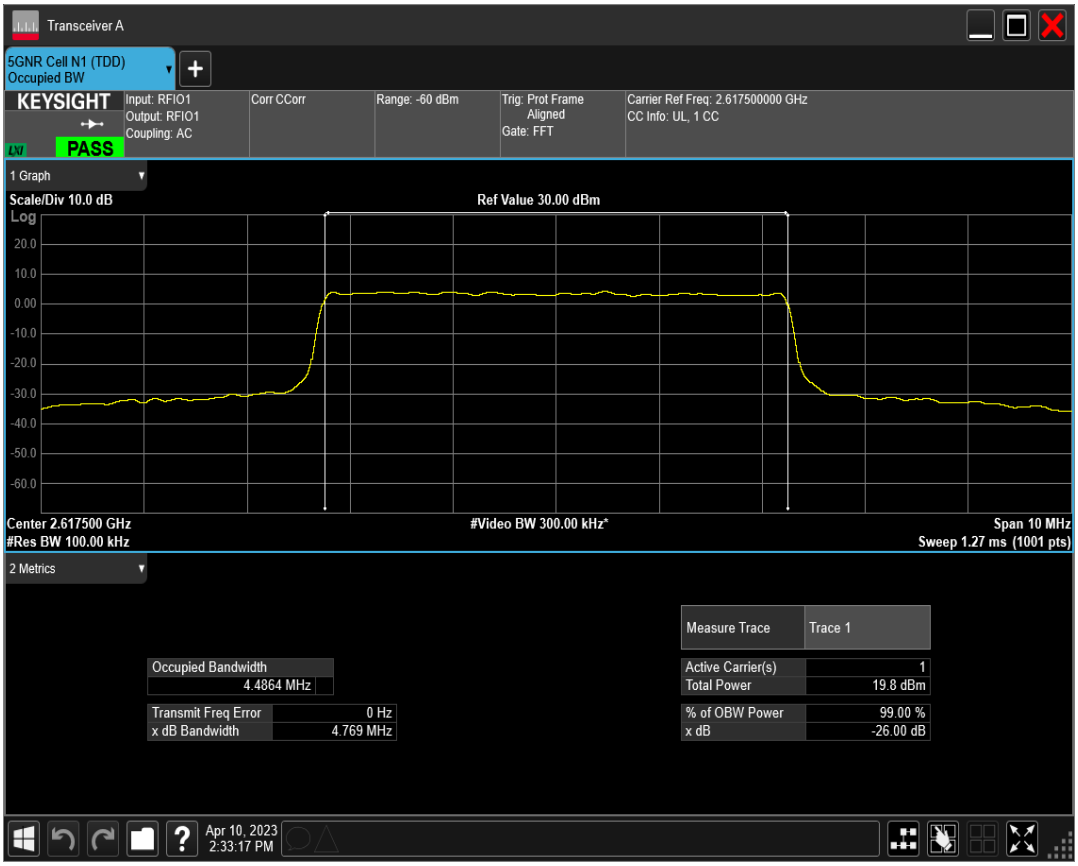
n38 SCS=15kHz DFT_QAM16 BW=5MHz Channel=523500 RB=25@0



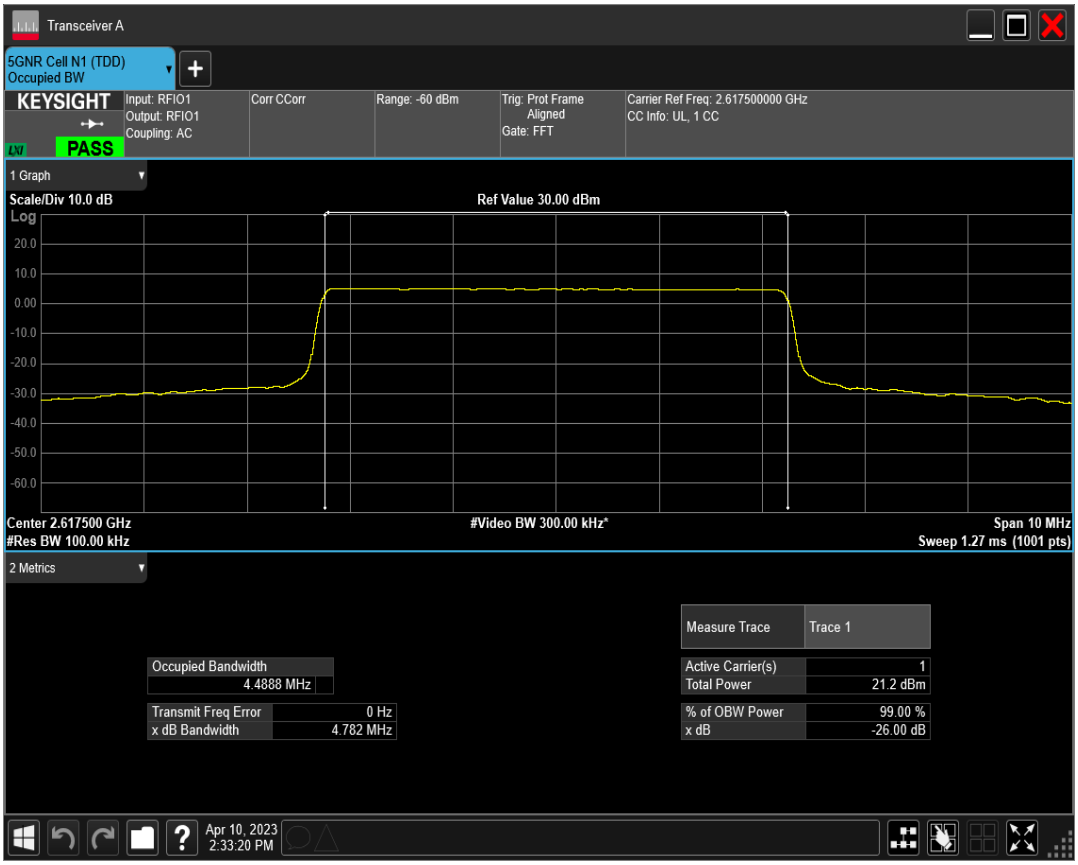
n38 SCS=15kHz DFT_QAM64 BW=5MHz Channel=523500 RB=25@0



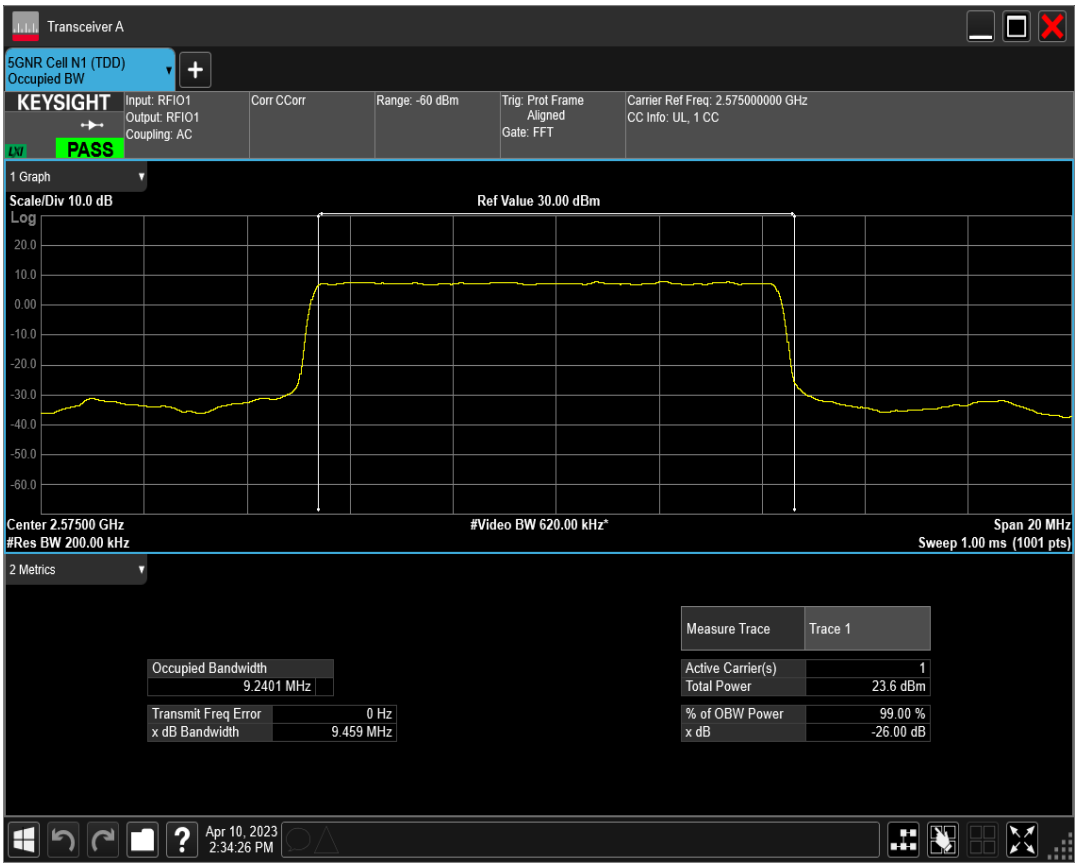
n38 SCS=15kHz DFT_QAM256 BW=5MHz Channel=523500 RB=25@0



n38 SCS=15kHz CP_QPSK BW=5MHz Channel=523500 RB=25@0



n38 SCS=15kHz DFT_BPSK BW=10MHz Channel=515000 RB=50@0

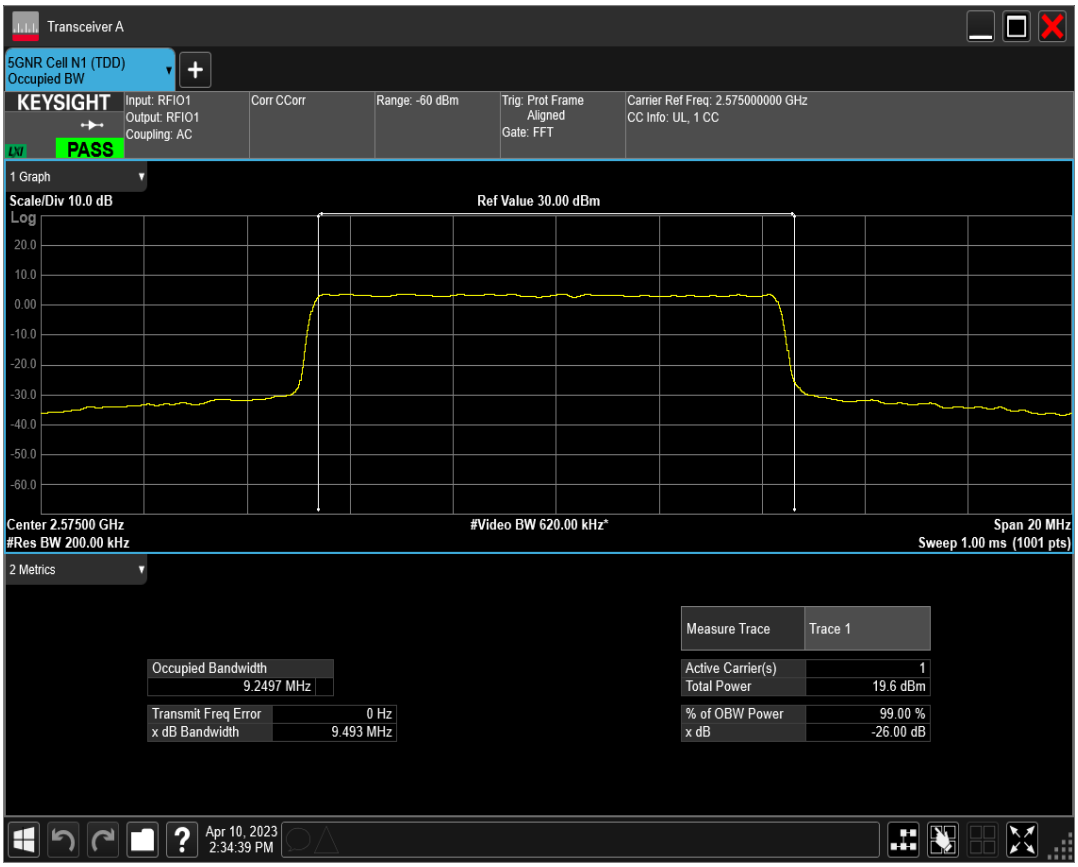


n38 SCS=15kHz DFT_QPSK BW=10MHz Channel=515000 RB=50@0

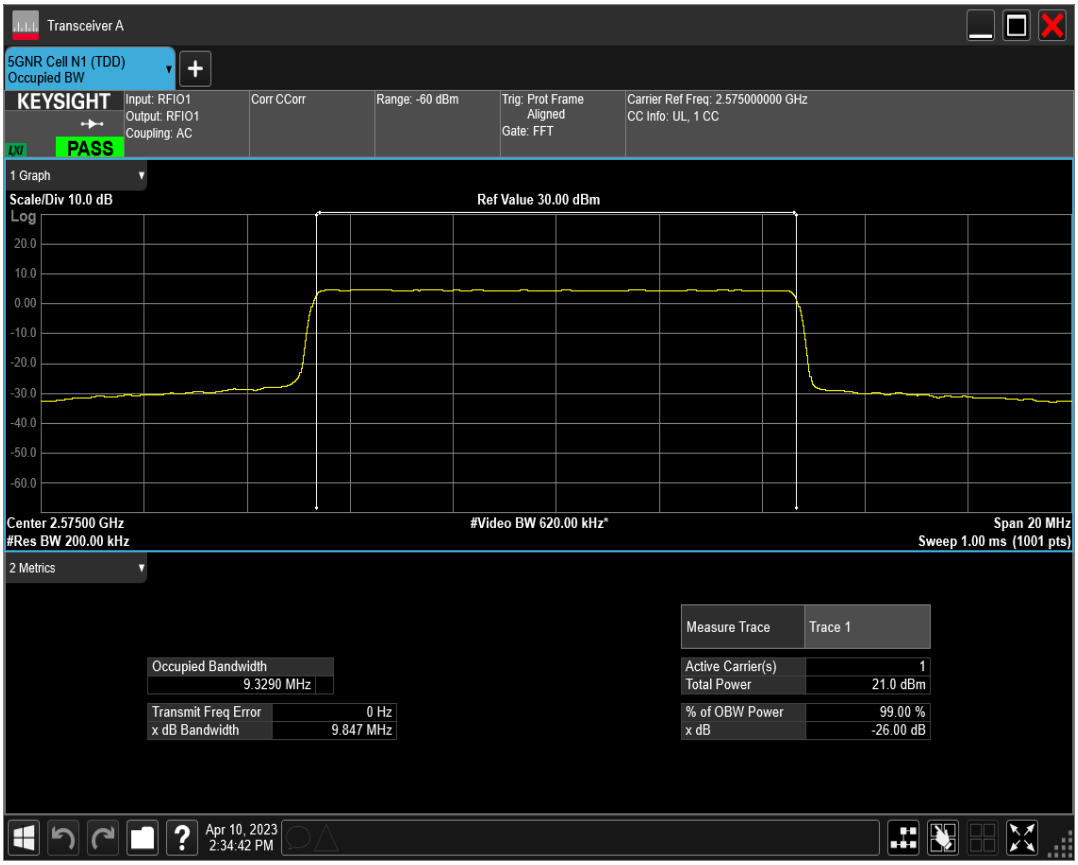
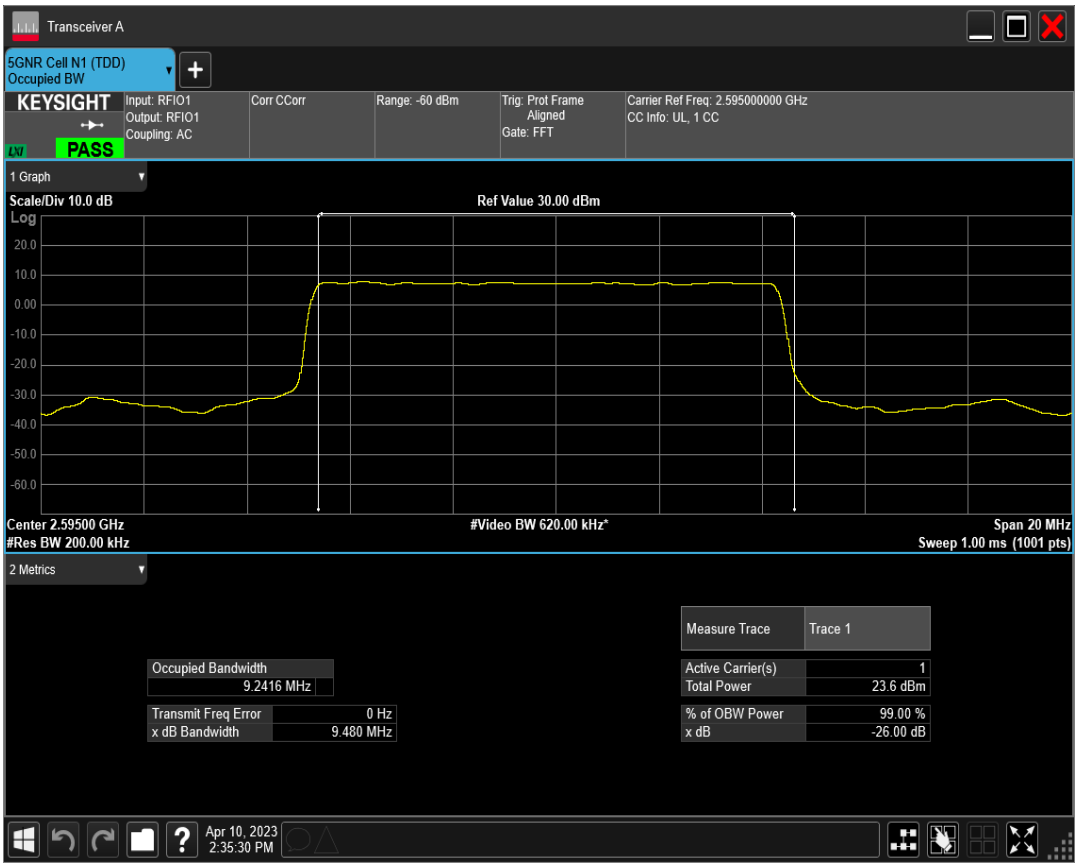
n38 SCS=15kHz DFT_QAM16 BW=10MHz Channel=515000 RB=50@0

n38 SCS=15kHz DFT_QAM64 BW=10MHz Channel=515000 RB=50@0

n38 SCS=15kHz DFT_QAM256 BW=10MHz Channel=515000 RB=50@0



n38 SCS=15kHz CP_QPSK BW=10MHz Channel=515000 RB=52@0



n38 SCS=15kHz DFT_BPSK BW=10MHz Channel=519000 RB=50@0