

### 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	30	10	515000	12@6	DFT_BPSK	23.37	-1.12	22.25	33.01	PASS
n38	30	10	515000	1@1	DFT_BPSK	23.50	-1.12	22.38	33.01	PASS
n38	30	10	515000	1@22	DFT_BPSK	23.22	-1.12	22.10	33.01	PASS
n38	30	10	515000	12@6	DFT_QPSK	23.92	-1.12	22.80	33.01	PASS
n38	30	10	515000	1@1	DFT_QPSK	23.80	-1.12	22.68	33.01	PASS
n38	30	10	515000	1@22	DFT_QPSK	23.70	-1.12	22.58	33.01	PASS
n38	30	10	515000	12@6	DFT_QAM16	23.05	-1.12	21.93	33.01	PASS
n38	30	10	515000	1@1	DFT_QAM16	23.07	-1.12	21.95	33.01	PASS
n38	30	10	515000	1@22	DFT_QAM16	23.03	-1.12	21.91	33.01	PASS
n38	30	10	515000	12@6	DFT_QAM64	21.36	-1.12	20.24	33.01	PASS
n38	30	10	515000	1@1	DFT_QAM64	21.22	-1.12	20.10	33.01	PASS
n38	30	10	515000	1@22	DFT_QAM64	21.21	-1.12	20.09	33.01	PASS
n38	30	10	515000	12@6	DFT_QAM256	19.37	-1.12	18.25	33.01	PASS
n38	30	10	515000	1@1	DFT_QAM256	19.67	-1.12	18.55	33.01	PASS
n38	30	10	515000	1@22	DFT_QAM256	19.69	-1.12	18.57	33.01	PASS
n38	30	10	515000	12@6	CP_QPSK	22.36	-1.12	21.24	33.01	PASS
n38	30	10	515000	1@1	CP_QPSK	22.31	-1.12	21.19	33.01	PASS
n38	30	10	515000	1@22	CP_QPSK	22.24	-1.12	21.12	33.01	PASS
n38	30	10	515000	12@6	CP_QAM16	21.87	-1.12	20.75	33.01	PASS
n38	30	10	515000	1@1	CP_QAM16	21.85	-1.12	20.73	33.01	PASS
n38	30	10	515000	1@22	CP_QAM16	21.68	-1.12	20.56	33.01	PASS
n38	30	10	515000	12@6	CP_QAM64	20.38	-1.12	19.26	33.01	PASS
n38	30	10	515000	1@1	CP_QAM64	20.52	-1.12	19.40	33.01	PASS
n38	30	10	515000	1@22	CP_QAM64	20.40	-1.12	19.28	33.01	PASS
n38	30	10	515000	12@6	CP_QAM256	17.47	-1.12	16.35	33.01	PASS
n38	30	10	515000	1@1	CP_QAM256	17.38	-1.12	16.26	33.01	PASS
n38	30	10	515000	1@22	CP_QAM256	17.20	-1.12	16.08	33.01	PASS
n38	30	10	519000	12@6	DFT_BPSK	23.94	-1.12	22.82	33.01	PASS
n38	30	10	519000	1@1	DFT_BPSK	23.89	-1.12	22.77	33.01	PASS
n38	30	10	519000	1@22	DFT_BPSK	23.91	-1.12	22.79	33.01	PASS
n38	30	10	519000	12@6	DFT_QPSK	23.87	-1.12	22.75	33.01	PASS
n38	30	10	519000	1@1	DFT_QPSK	23.80	-1.12	22.68	33.01	PASS
n38	30	10	519000	1@22	DFT_QPSK	23.74	-1.12	22.62	33.01	PASS
n38	30	10	519000	12@6	DFT_QAM16	22.99	-1.12	21.87	33.01	PASS
n38	30	10	519000	1@1	DFT_QAM16	23.06	-1.12	21.94	33.01	PASS
n38	30	10	519000	1@22	DFT_QAM16	23.15	-1.12	22.03	33.01	PASS
n38	30	10	519000	12@6	DFT_QAM64	21.53	-1.12	20.41	33.01	PASS
n38	30	10	519000	1@1	DFT_QAM64	21.36	-1.12	20.24	33.01	PASS
n38	30	10	519000	1@22	DFT_QAM64	21.31	-1.12	20.19	33.01	PASS

n38	30	10	519000	12@6	DFT_QAM256	19.48	-1.12	18.36	33.01	PASS
n38	30	10	519000	1@1	DFT_QAM256	19.57	-1.12	18.45	33.01	PASS
n38	30	10	519000	1@22	DFT_QAM256	19.63	-1.12	18.51	33.01	PASS
n38	30	10	519000	12@6	CP_QPSK	22.31	-1.12	21.19	33.01	PASS
n38	30	10	519000	1@1	CP_QPSK	22.38	-1.12	21.26	33.01	PASS
n38	30	10	519000	1@22	CP_QPSK	22.28	-1.12	21.16	33.01	PASS
n38	30	10	519000	12@6	CP_QAM16	21.96	-1.12	20.84	33.01	PASS
n38	30	10	519000	1@1	CP_QAM16	21.93	-1.12	20.81	33.01	PASS
n38	30	10	519000	1@22	CP_QAM16	21.88	-1.12	20.76	33.01	PASS
n38	30	10	519000	12@6	CP_QAM64	20.48	-1.12	19.36	33.01	PASS
n38	30	10	519000	1@1	CP_QAM64	20.48	-1.12	19.36	33.01	PASS
n38	30	10	519000	1@22	CP_QAM64	20.54	-1.12	19.42	33.01	PASS
n38	30	10	519000	12@6	CP_QAM256	17.52	-1.12	16.40	33.01	PASS
n38	30	10	519000	1@1	CP_QAM256	17.21	-1.12	16.09	33.01	PASS
n38	30	10	519000	1@22	CP_QAM256	17.59	-1.12	16.47	33.01	PASS
n38	30	10	523000	12@6	DFT_BPSK	24.37	-1.12	23.25	33.01	PASS
n38	30	10	523000	1@1	DFT_BPSK	24.22	-1.12	23.10	33.01	PASS
n38	30	10	523000	1@22	DFT_BPSK	24.34	-1.12	23.22	33.01	PASS
n38	30	10	523000	12@6	DFT_QPSK	24.30	-1.12	23.18	33.01	PASS
n38	30	10	523000	1@1	DFT_QPSK	24.04	-1.12	22.92	33.01	PASS
n38	30	10	523000	1@22	DFT_QPSK	24.22	-1.12	23.10	33.01	PASS
n38	30	10	523000	12@6	DFT_QAM16	23.28	-1.12	22.16	33.01	PASS
n38	30	10	523000	1@1	DFT_QAM16	23.40	-1.12	22.28	33.01	PASS
n38	30	10	523000	1@22	DFT_QAM16	23.53	-1.12	22.41	33.01	PASS
n38	30	10	523000	12@6	DFT_QAM64	21.86	-1.12	20.74	33.01	PASS
n38	30	10	523000	1@1	DFT_QAM64	21.65	-1.12	20.53	33.01	PASS
n38	30	10	523000	1@22	DFT_QAM64	22.00	-1.12	20.88	33.01	PASS
n38	30	10	523000	12@6	DFT_QAM256	19.80	-1.12	18.68	33.01	PASS
n38	30	10	523000	1@1	DFT_QAM256	19.98	-1.12	18.86	33.01	PASS
n38	30	10	523000	1@22	DFT_QAM256	20.12	-1.12	19.00	33.01	PASS
n38	30	10	523000	12@6	CP_QPSK	22.75	-1.12	21.63	33.01	PASS
n38	30	10	523000	1@1	CP_QPSK	22.66	-1.12	21.54	33.01	PASS
n38	30	10	523000	1@22	CP_QPSK	22.66	-1.12	21.54	33.01	PASS
n38	30	10	523000	12@6	CP_QAM16	22.36	-1.12	21.24	33.01	PASS
n38	30	10	523000	1@1	CP_QAM16	22.18	-1.12	21.06	33.01	PASS
n38	30	10	523000	1@22	CP_QAM16	22.23	-1.12	21.11	33.01	PASS
n38	30	10	523000	12@6	CP_QAM64	20.75	-1.12	19.63	33.01	PASS
n38	30	10	523000	1@1	CP_QAM64	20.71	-1.12	19.59	33.01	PASS
n38	30	10	523000	1@22	CP_QAM64	20.87	-1.12	19.75	33.01	PASS
n38	30	10	523000	12@6	CP_QAM256	17.94	-1.12	16.82	33.01	PASS
n38	30	10	523000	1@1	CP_QAM256	17.83	-1.12	16.71	33.01	PASS
n38	30	10	523000	1@22	CP_QAM256	17.90	-1.12	16.78	33.01	PASS
n38	30	15	515500	18@9	DFT_BPSK	23.89	-1.12	22.77	33.01	PASS

n38	30	15	515500	1@1	DFT_BPSK	23.82	-1.12	22.70	33.01	PASS
n38	30	15	515500	1@36	DFT_BPSK	23.88	-1.12	22.76	33.01	PASS
n38	30	15	515500	18@9	DFT_QPSK	23.87	-1.12	22.75	33.01	PASS
n38	30	15	515500	1@1	DFT_QPSK	23.70	-1.12	22.58	33.01	PASS
n38	30	15	515500	1@36	DFT_QPSK	23.73	-1.12	22.61	33.01	PASS
n38	30	15	515500	18@9	DFT_QAM16	22.88	-1.12	21.76	33.01	PASS
n38	30	15	515500	1@1	DFT_QAM16	23.06	-1.12	21.94	33.01	PASS
n38	30	15	515500	1@36	DFT_QAM16	23.06	-1.12	21.94	33.01	PASS
n38	30	15	515500	18@9	DFT_QAM64	21.30	-1.12	20.18	33.01	PASS
n38	30	15	515500	1@1	DFT_QAM64	21.12	-1.12	20.00	33.01	PASS
n38	30	15	515500	1@36	DFT_QAM64	21.29	-1.12	20.17	33.01	PASS
n38	30	15	515500	18@9	DFT_QAM256	19.54	-1.12	18.42	33.01	PASS
n38	30	15	515500	1@1	DFT_QAM256	19.62	-1.12	18.50	33.01	PASS
n38	30	15	515500	1@36	DFT_QAM256	19.54	-1.12	18.42	33.01	PASS
n38	30	15	515500	19@9	CP_QPSK	22.37	-1.12	21.25	33.01	PASS
n38	30	15	515500	1@1	CP_QPSK	22.24	-1.12	21.12	33.01	PASS
n38	30	15	515500	1@36	CP_QPSK	22.18	-1.12	21.06	33.01	PASS
n38	30	15	515500	19@9	CP_QAM16	21.78	-1.12	20.66	33.01	PASS
n38	30	15	515500	1@1	CP_QAM16	21.73	-1.12	20.61	33.01	PASS
n38	30	15	515500	1@36	CP_QAM16	21.70	-1.12	20.58	33.01	PASS
n38	30	15	515500	19@9	CP_QAM64	20.30	-1.12	19.18	33.01	PASS
n38	30	15	515500	1@1	CP_QAM64	20.35	-1.12	19.23	33.01	PASS
n38	30	15	515500	1@36	CP_QAM64	20.39	-1.12	19.27	33.01	PASS
n38	30	15	515500	19@9	CP_QAM256	17.54	-1.12	16.42	33.01	PASS
n38	30	15	515500	1@1	CP_QAM256	17.14	-1.12	16.02	33.01	PASS
n38	30	15	515500	1@36	CP_QAM256	17.45	-1.12	16.33	33.01	PASS
n38	30	15	519000	18@9	DFT_BPSK	23.87	-1.12	22.75	33.01	PASS
n38	30	15	519000	1@1	DFT_BPSK	23.75	-1.12	22.63	33.01	PASS
n38	30	15	519000	1@36	DFT_BPSK	23.89	-1.12	22.77	33.01	PASS
n38	30	15	519000	18@9	DFT_QPSK	23.90	-1.12	22.78	33.01	PASS
n38	30	15	519000	1@1	DFT_QPSK	23.61	-1.12	22.49	33.01	PASS
n38	30	15	519000	1@36	DFT_QPSK	23.83	-1.12	22.71	33.01	PASS
n38	30	15	519000	18@9	DFT_QAM16	22.88	-1.12	21.76	33.01	PASS
n38	30	15	519000	1@1	DFT_QAM16	23.03	-1.12	21.91	33.01	PASS
n38	30	15	519000	1@36	DFT_QAM16	23.17	-1.12	22.05	33.01	PASS
n38	30	15	519000	18@9	DFT_QAM64	21.47	-1.12	20.35	33.01	PASS
n38	30	15	519000	1@1	DFT_QAM64	21.17	-1.12	20.05	33.01	PASS
n38	30	15	519000	1@36	DFT_QAM64	21.89	-1.12	20.77	33.01	PASS
n38	30	15	519000	18@9	DFT_QAM256	19.49	-1.12	18.37	33.01	PASS
n38	30	15	519000	1@1	DFT_QAM256	19.53	-1.12	18.41	33.01	PASS
n38	30	15	519000	1@36	DFT_QAM256	19.67	-1.12	18.55	33.01	PASS
n38	30	15	519000	19@9	CP_QPSK	22.35	-1.12	21.23	33.01	PASS
n38	30	15	519000	1@1	CP_QPSK	22.33	-1.12	21.21	33.01	PASS

n38	30	15	519000	1@36	CP_QPSK	22.42	-1.12	21.30	33.01	PASS
n38	30	15	519000	19@9	CP_QAM16	21.89	-1.12	20.77	33.01	PASS
n38	30	15	519000	1@1	CP_QAM16	22.14	-1.12	21.02	33.01	PASS
n38	30	15	519000	1@36	CP_QAM16	22.28	-1.12	21.16	33.01	PASS
n38	30	15	519000	19@9	CP_QAM64	20.48	-1.12	19.36	33.01	PASS
n38	30	15	519000	1@1	CP_QAM64	20.04	-1.12	18.92	33.01	PASS
n38	30	15	519000	1@36	CP_QAM64	20.44	-1.12	19.32	33.01	PASS
n38	30	15	519000	19@9	CP_QAM256	17.61	-1.12	16.49	33.01	PASS
n38	30	15	519000	1@1	CP_QAM256	17.27	-1.12	16.15	33.01	PASS
n38	30	15	519000	1@36	CP_QAM256	17.61	-1.12	16.49	33.01	PASS
n38	30	15	522500	18@9	DFT_BPSK	24.18	-1.12	23.06	33.01	PASS
n38	30	15	522500	1@1	DFT_BPSK	23.99	-1.12	22.87	33.01	PASS
n38	30	15	522500	1@36	DFT_BPSK	24.21	-1.12	23.09	33.01	PASS
n38	30	15	522500	18@9	DFT_QPSK	24.21	-1.12	23.09	33.01	PASS
n38	30	15	522500	1@1	DFT_QPSK	23.86	-1.12	22.74	33.01	PASS
n38	30	15	522500	1@36	DFT_QPSK	24.05	-1.12	22.93	33.01	PASS
n38	30	15	522500	18@9	DFT_QAM16	23.36	-1.12	22.24	33.01	PASS
n38	30	15	522500	1@1	DFT_QAM16	23.16	-1.12	22.04	33.01	PASS
n38	30	15	522500	1@36	DFT_QAM16	23.54	-1.12	22.42	33.01	PASS
n38	30	15	522500	18@9	DFT_QAM64	21.80	-1.12	20.68	33.01	PASS
n38	30	15	522500	1@1	DFT_QAM64	21.39	-1.12	20.27	33.01	PASS
n38	30	15	522500	1@36	DFT_QAM64	21.71	-1.12	20.59	33.01	PASS
n38	30	15	522500	18@9	DFT_QAM256	19.90	-1.12	18.78	33.01	PASS
n38	30	15	522500	1@1	DFT_QAM256	19.79	-1.12	18.67	33.01	PASS
n38	30	15	522500	1@36	DFT_QAM256	20.07	-1.12	18.95	33.01	PASS
n38	30	15	522500	19@9	CP_QPSK	22.73	-1.12	21.61	33.01	PASS
n38	30	15	522500	1@1	CP_QPSK	22.57	-1.12	21.45	33.01	PASS
n38	30	15	522500	1@36	CP_QPSK	22.79	-1.12	21.67	33.01	PASS
n38	30	15	522500	19@9	CP_QAM16	22.22	-1.12	21.10	33.01	PASS
n38	30	15	522500	1@1	CP_QAM16	22.40	-1.12	21.28	33.01	PASS
n38	30	15	522500	1@36	CP_QAM16	22.78	-1.12	21.66	33.01	PASS
n38	30	15	522500	19@9	CP_QAM64	20.77	-1.12	19.65	33.01	PASS
n38	30	15	522500	1@1	CP_QAM64	20.57	-1.12	19.45	33.01	PASS
n38	30	15	522500	1@36	CP_QAM64	20.83	-1.12	19.71	33.01	PASS
n38	30	15	522500	19@9	CP_QAM256	17.91	-1.12	16.79	33.01	PASS
n38	30	15	522500	1@1	CP_QAM256	17.52	-1.12	16.40	33.01	PASS
n38	30	15	522500	1@36	CP_QAM256	17.83	-1.12	16.71	33.01	PASS
n38	30	20	516000	25@12	DFT_BPSK	23.88	-1.12	22.76	33.01	PASS
n38	30	20	516000	1@1	DFT_BPSK	23.78	-1.12	22.66	33.01	PASS
n38	30	20	516000	1@49	DFT_BPSK	23.68	-1.12	22.56	33.01	PASS
n38	30	20	516000	25@12	DFT_QPSK	23.90	-1.12	22.78	33.01	PASS
n38	30	20	516000	1@1	DFT_QPSK	23.61	-1.12	22.49	33.01	PASS
n38	30	20	516000	1@49	DFT_QPSK	23.48	-1.12	22.36	33.01	PASS

n38	30	20	516000	25@12	DFT_QAM16	22.82	-1.12	21.70	33.01	PASS
n38	30	20	516000	1@1	DFT_QAM16	22.79	-1.12	21.67	33.01	PASS
n38	30	20	516000	1@49	DFT_QAM16	22.80	-1.12	21.68	33.01	PASS
n38	30	20	516000	25@12	DFT_QAM64	21.32	-1.12	20.20	33.01	PASS
n38	30	20	516000	1@1	DFT_QAM64	21.68	-1.12	20.56	33.01	PASS
n38	30	20	516000	1@49	DFT_QAM64	21.13	-1.12	20.01	33.01	PASS
n38	30	20	516000	25@12	DFT_QAM256	19.44	-1.12	18.32	33.01	PASS
n38	30	20	516000	1@1	DFT_QAM256	19.49	-1.12	18.37	33.01	PASS
n38	30	20	516000	1@49	DFT_QAM256	19.55	-1.12	18.43	33.01	PASS
n38	30	20	516000	25@12	CP_QPSK	22.45	-1.12	21.33	33.01	PASS
n38	30	20	516000	1@1	CP_QPSK	22.31	-1.12	21.19	33.01	PASS
n38	30	20	516000	1@49	CP_QPSK	22.26	-1.12	21.14	33.01	PASS
n38	30	20	516000	25@12	CP_QAM16	21.82	-1.12	20.70	33.01	PASS
n38	30	20	516000	1@1	CP_QAM16	21.96	-1.12	20.84	33.01	PASS
n38	30	20	516000	1@49	CP_QAM16	22.10	-1.12	20.98	33.01	PASS
n38	30	20	516000	25@12	CP_QAM64	20.33	-1.12	19.21	33.01	PASS
n38	30	20	516000	1@1	CP_QAM64	20.30	-1.12	19.18	33.01	PASS
n38	30	20	516000	1@49	CP_QAM64	20.22	-1.12	19.10	33.01	PASS
n38	30	20	516000	25@12	CP_QAM256	17.60	-1.12	16.48	33.01	PASS
n38	30	20	516000	1@1	CP_QAM256	17.21	-1.12	16.09	33.01	PASS
n38	30	20	516000	1@49	CP_QAM256	17.32	-1.12	16.20	33.01	PASS
n38	30	20	519000	25@12	DFT_BPSK	23.89	-1.12	22.77	33.01	PASS
n38	30	20	519000	1@1	DFT_BPSK	23.77	-1.12	22.65	33.01	PASS
n38	30	20	519000	1@49	DFT_BPSK	23.93	-1.12	22.81	33.01	PASS
n38	30	20	519000	25@12	DFT_QPSK	23.96	-1.12	22.84	33.01	PASS
n38	30	20	519000	1@1	DFT_QPSK	23.63	-1.12	22.51	33.01	PASS
n38	30	20	519000	1@49	DFT_QPSK	23.73	-1.12	22.61	33.01	PASS
n38	30	20	519000	25@12	DFT_QAM16	22.87	-1.12	21.75	33.01	PASS
n38	30	20	519000	1@1	DFT_QAM16	22.76	-1.12	21.64	33.01	PASS
n38	30	20	519000	1@49	DFT_QAM16	22.94	-1.12	21.82	33.01	PASS
n38	30	20	519000	25@12	DFT_QAM64	21.33	-1.12	20.21	33.01	PASS
n38	30	20	519000	1@1	DFT_QAM64	21.72	-1.12	20.60	33.01	PASS
n38	30	20	519000	1@49	DFT_QAM64	21.89	-1.12	20.77	33.01	PASS
n38	30	20	519000	25@12	DFT_QAM256	19.49	-1.12	18.37	33.01	PASS
n38	30	20	519000	1@1	DFT_QAM256	19.51	-1.12	18.39	33.01	PASS
n38	30	20	519000	1@49	DFT_QAM256	19.75	-1.12	18.63	33.01	PASS
n38	30	20	519000	25@12	CP_QPSK	22.46	-1.12	21.34	33.01	PASS
n38	30	20	519000	1@1	CP_QPSK	22.46	-1.12	21.34	33.01	PASS
n38	30	20	519000	1@49	CP_QPSK	22.33	-1.12	21.21	33.01	PASS
n38	30	20	519000	25@12	CP_QAM16	21.96	-1.12	20.84	33.01	PASS
n38	30	20	519000	1@1	CP_QAM16	22.05	-1.12	20.93	33.01	PASS
n38	30	20	519000	1@49	CP_QAM16	22.14	-1.12	21.02	33.01	PASS
n38	30	20	519000	25@12	CP_QAM64	20.30	-1.12	19.18	33.01	PASS

n38	30	20	519000	1@1	CP_QAM64	20.33	-1.12	19.21	33.01	PASS
n38	30	20	519000	1@49	CP_QAM64	20.23	-1.12	19.11	33.01	PASS
n38	30	20	519000	25@12	CP_QAM256	17.56	-1.12	16.44	33.01	PASS
n38	30	20	519000	1@1	CP_QAM256	17.46	-1.12	16.34	33.01	PASS
n38	30	20	519000	1@49	CP_QAM256	17.57	-1.12	16.45	33.01	PASS
n38	30	20	522000	25@12	DFT_BPSK	24.19	-1.12	23.07	33.01	PASS
n38	30	20	522000	1@1	DFT_BPSK	23.83	-1.12	22.71	33.01	PASS
n38	30	20	522000	1@49	DFT_BPSK	24.23	-1.12	23.11	33.01	PASS
n38	30	20	522000	25@12	DFT_QPSK	24.16	-1.12	23.04	33.01	PASS
n38	30	20	522000	1@1	DFT_QPSK	23.62	-1.12	22.50	33.01	PASS
n38	30	20	522000	1@49	DFT_QPSK	24.03	-1.12	22.91	33.01	PASS
n38	30	20	522000	25@12	DFT_QAM16	23.13	-1.12	22.01	33.01	PASS
n38	30	20	522000	1@1	DFT_QAM16	22.97	-1.12	21.85	33.01	PASS
n38	30	20	522000	1@49	DFT_QAM16	23.40	-1.12	22.28	33.01	PASS
n38	30	20	522000	25@12	DFT_QAM64	21.73	-1.12	20.61	33.01	PASS
n38	30	20	522000	1@1	DFT_QAM64	21.17	-1.12	20.05	33.01	PASS
n38	30	20	522000	1@49	DFT_QAM64	21.67	-1.12	20.55	33.01	PASS
n38	30	20	522000	25@12	DFT_QAM256	19.65	-1.12	18.53	33.01	PASS
n38	30	20	522000	1@1	DFT_QAM256	19.61	-1.12	18.49	33.01	PASS
n38	30	20	522000	1@49	DFT_QAM256	19.93	-1.12	18.81	33.01	PASS
n38	30	20	522000	25@12	CP_QPSK	22.79	-1.12	21.67	33.01	PASS
n38	30	20	522000	1@1	CP_QPSK	22.46	-1.12	21.34	33.01	PASS
n38	30	20	522000	1@49	CP_QPSK	22.64	-1.12	21.52	33.01	PASS
n38	30	20	522000	25@12	CP_QAM16	22.19	-1.12	21.07	33.01	PASS
n38	30	20	522000	1@1	CP_QAM16	22.12	-1.12	21.00	33.01	PASS
n38	30	20	522000	1@49	CP_QAM16	22.64	-1.12	21.52	33.01	PASS
n38	30	20	522000	25@12	CP_QAM64	20.70	-1.12	19.58	33.01	PASS
n38	30	20	522000	1@1	CP_QAM64	20.14	-1.12	19.02	33.01	PASS
n38	30	20	522000	1@49	CP_QAM64	20.54	-1.12	19.42	33.01	PASS
n38	30	20	522000	25@12	CP_QAM256	17.90	-1.12	16.78	33.01	PASS
n38	30	20	522000	1@1	CP_QAM256	17.30	-1.12	16.18	33.01	PASS
n38	30	20	522000	1@49	CP_QAM256	17.78	-1.12	16.66	33.01	PASS
n38	30	40	518000	50@25	DFT_BPSK	23.76	-1.12	22.64	33.01	PASS
n38	30	40	518000	1@1	DFT_BPSK	23.42	-1.12	22.30	33.01	PASS
n38	30	40	518000	1@104	DFT_BPSK	23.55	-1.12	22.43	33.01	PASS
n38	30	40	518000	50@25	DFT_QPSK	23.80	-1.12	22.68	33.01	PASS
n38	30	40	518000	1@1	DFT_QPSK	23.23	-1.12	22.11	33.01	PASS
n38	30	40	518000	1@104	DFT_QPSK	23.39	-1.12	22.27	33.01	PASS
n38	30	40	518000	50@25	DFT_QAM16	22.77	-1.12	21.65	33.01	PASS
n38	30	40	518000	1@1	DFT_QAM16	22.45	-1.12	21.33	33.01	PASS
n38	30	40	518000	1@104	DFT_QAM16	22.58	-1.12	21.46	33.01	PASS
n38	30	40	518000	50@25	DFT_QAM64	21.29	-1.12	20.17	33.01	PASS
n38	30	40	518000	1@1	DFT_QAM64	20.61	-1.12	19.49	33.01	PASS



n38	30	40	518000	1@104	DFT_QAM64	20.89	-1.12	19.77	33.01	PASS
n38	30	40	518000	50@25	DFT_QAM256	19.46	-1.12	18.34	33.01	PASS
n38	30	40	518000	1@1	DFT_QAM256	19.01	-1.12	17.89	33.01	PASS
n38	30	40	518000	1@104	DFT_QAM256	19.27	-1.12	18.15	33.01	PASS
n38	30	40	518000	53@26	CP_QPSK	22.20	-1.12	21.08	33.01	PASS
n38	30	40	518000	1@1	CP_QPSK	21.91	-1.12	20.79	33.01	PASS
n38	30	40	518000	1@104	CP_QPSK	22.17	-1.12	21.05	33.01	PASS
n38	30	40	518000	53@26	CP_QAM16	21.85	-1.12	20.73	33.01	PASS
n38	30	40	518000	1@1	CP_QAM16	21.16	-1.12	20.04	33.01	PASS
n38	30	40	518000	1@104	CP_QAM16	21.80	-1.12	20.68	33.01	PASS
n38	30	40	518000	53@26	CP_QAM64	20.30	-1.12	19.18	33.01	PASS
n38	30	40	518000	1@1	CP_QAM64	19.69	-1.12	18.57	33.01	PASS
n38	30	40	518000	1@104	CP_QAM64	20.09	-1.12	18.97	33.01	PASS
n38	30	40	518000	53@26	CP_QAM256	17.34	-1.12	16.22	33.01	PASS
n38	30	40	518000	1@1	CP_QAM256	16.87	-1.12	15.75	33.01	PASS
n38	30	40	518000	1@104	CP_QAM256	17.28	-1.12	16.16	33.01	PASS
n38	30	40	519000	50@25	DFT_BPSK	23.79	-1.12	22.67	33.01	PASS
n38	30	40	519000	1@1	DFT_BPSK	23.28	-1.12	22.16	33.01	PASS
n38	30	40	519000	1@104	DFT_BPSK	23.75	-1.12	22.63	33.01	PASS
n38	30	40	519000	50@25	DFT_QPSK	23.77	-1.12	22.65	33.01	PASS
n38	30	40	519000	1@1	DFT_QPSK	23.05	-1.12	21.93	33.01	PASS
n38	30	40	519000	1@104	DFT_QPSK	23.50	-1.12	22.38	33.01	PASS
n38	30	40	519000	50@25	DFT_QAM16	22.79	-1.12	21.67	33.01	PASS
n38	30	40	519000	1@1	DFT_QAM16	22.16	-1.12	21.04	33.01	PASS
n38	30	40	519000	1@104	DFT_QAM16	22.86	-1.12	21.74	33.01	PASS
n38	30	40	519000	50@25	DFT_QAM64	21.33	-1.12	20.21	33.01	PASS
n38	30	40	519000	1@1	DFT_QAM64	21.21	-1.12	20.09	33.01	PASS
n38	30	40	519000	1@104	DFT_QAM64	21.59	-1.12	20.47	33.01	PASS
n38	30	40	519000	50@25	DFT_QAM256	19.37	-1.12	18.25	33.01	PASS
n38	30	40	519000	1@1	DFT_QAM256	18.92	-1.12	17.80	33.01	PASS
n38	30	40	519000	1@104	DFT_QAM256	19.37	-1.12	18.25	33.01	PASS
n38	30	40	519000	53@26	CP_QPSK	22.15	-1.12	21.03	33.01	PASS
n38	30	40	519000	1@1	CP_QPSK	21.97	-1.12	20.85	33.01	PASS
n38	30	40	519000	1@104	CP_QPSK	22.20	-1.12	21.08	33.01	PASS
n38	30	40	519000	53@26	CP_QAM16	21.72	-1.12	20.60	33.01	PASS
n38	30	40	519000	1@1	CP_QAM16	21.42	-1.12	20.30	33.01	PASS
n38	30	40	519000	1@104	CP_QAM16	21.90	-1.12	20.78	33.01	PASS
n38	30	40	519000	53@26	CP_QAM64	20.26	-1.12	19.14	33.01	PASS
n38	30	40	519000	1@1	CP_QAM64	19.45	-1.12	18.33	33.01	PASS
n38	30	40	519000	1@104	CP_QAM64	20.05	-1.12	18.93	33.01	PASS
n38	30	40	519000	53@26	CP_QAM256	17.32	-1.12	16.20	33.01	PASS
n38	30	40	519000	1@1	CP_QAM256	16.89	-1.12	15.77	33.01	PASS
n38	30	40	519000	1@104	CP_QAM256	17.18	-1.12	16.06	33.01	PASS

n38	30	40	520000	50@25	DFT_BPSK	23.83	-1.12	22.71	33.01	PASS
n38	30	40	520000	1@1	DFT_BPSK	23.28	-1.12	22.16	33.01	PASS
n38	30	40	520000	1@104	DFT_BPSK	23.69	-1.12	22.57	33.01	PASS
n38	30	40	520000	50@25	DFT_QPSK	23.83	-1.12	22.71	33.01	PASS
n38	30	40	520000	1@1	DFT_QPSK	23.10	-1.12	21.98	33.01	PASS
n38	30	40	520000	1@104	DFT_QPSK	23.56	-1.12	22.44	33.01	PASS
n38	30	40	520000	50@25	DFT_QAM16	22.85	-1.12	21.73	33.01	PASS
n38	30	40	520000	1@1	DFT_QAM16	22.30	-1.12	21.18	33.01	PASS
n38	30	40	520000	1@104	DFT_QAM16	22.74	-1.12	21.62	33.01	PASS
n38	30	40	520000	50@25	DFT_QAM64	21.39	-1.12	20.27	33.01	PASS
n38	30	40	520000	1@1	DFT_QAM64	20.59	-1.12	19.47	33.01	PASS
n38	30	40	520000	1@104	DFT_QAM64	21.13	-1.12	20.01	33.01	PASS
n38	30	40	520000	50@25	DFT_QAM256	19.50	-1.12	18.38	33.01	PASS
n38	30	40	520000	1@1	DFT_QAM256	19.08	-1.12	17.96	33.01	PASS
n38	30	40	520000	1@104	DFT_QAM256	19.63	-1.12	18.51	33.01	PASS
n38	30	40	520000	53@26	CP_QPSK	22.33	-1.12	21.21	33.01	PASS
n38	30	40	520000	1@1	CP_QPSK	21.89	-1.12	20.77	33.01	PASS
n38	30	40	520000	1@104	CP_QPSK	22.23	-1.12	21.11	33.01	PASS
n38	30	40	520000	53@26	CP_QAM16	21.83	-1.12	20.71	33.01	PASS
n38	30	40	520000	1@1	CP_QAM16	21.28	-1.12	20.16	33.01	PASS
n38	30	40	520000	1@104	CP_QAM16	21.92	-1.12	20.80	33.01	PASS
n38	30	40	520000	53@26	CP_QAM64	20.35	-1.12	19.23	33.01	PASS
n38	30	40	520000	1@1	CP_QAM64	20.28	-1.12	19.16	33.01	PASS
n38	30	40	520000	1@104	CP_QAM64	20.70	-1.12	19.58	33.01	PASS
n38	30	40	520000	53@26	CP_QAM256	17.40	-1.12	16.28	33.01	PASS
n38	30	40	520000	1@1	CP_QAM256	16.97	-1.12	15.85	33.01	PASS
n38	30	40	520000	1@104	CP_QAM256	17.02	-1.12	15.90	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	30	40	519000	50@25	DFT_BPSK	3.87	-4.76	0.00	Within authorized band for 5G NR n38	PASS
n38	30	40	519000	50@25	DFT_BPSK	3.45	-3.91	0.00		PASS
n38	30	40	519000	50@25	DFT_BPSK	4.45	-7.74	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	3.87	-5.92	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	3.45	-7.16	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	4.45	-9.40	0.00		PASS

Note: Only the worst case shown in the report.

### NV:

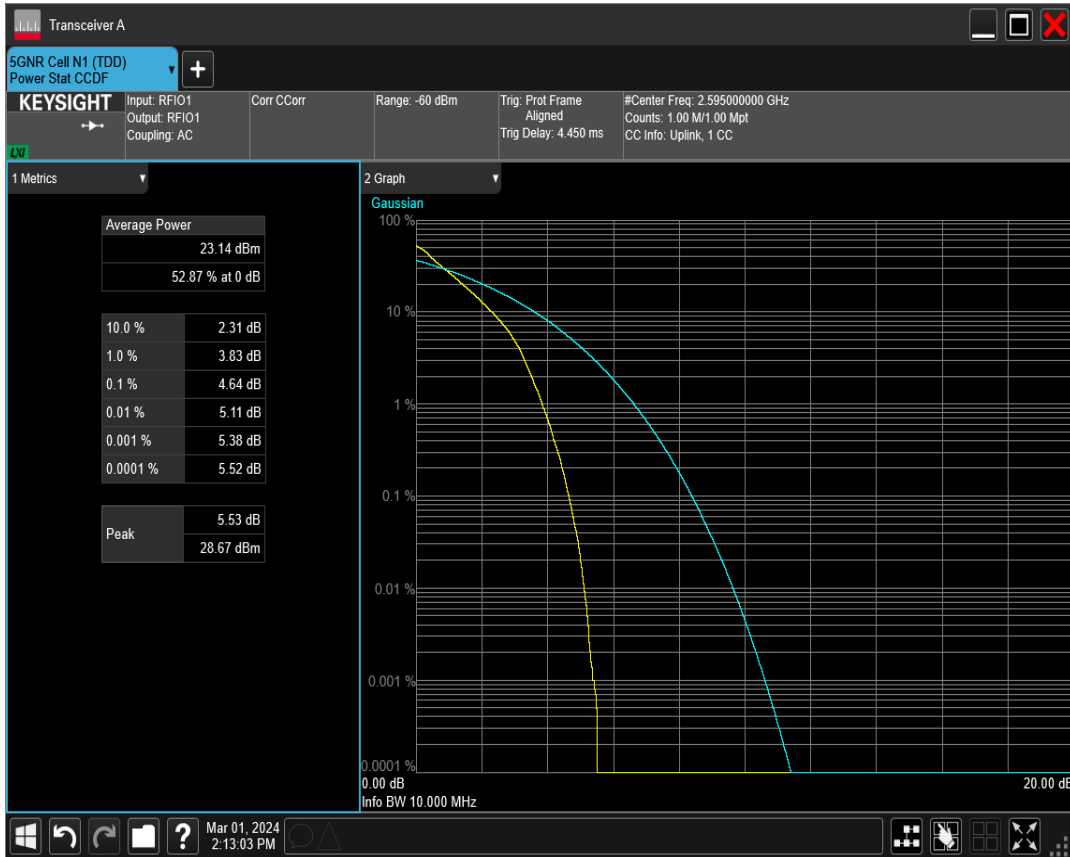
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Temperature(°C)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n38	30	40	519000	50@25	DFT_BPSK	-30	-3.24	0.00	Within authorized band for 5G NR n38	PASS
n38	30	40	519000	50@25	DFT_BPSK	-20	-4.52	0.00		PASS
n38	30	40	519000	50@25	DFT_BPSK	-10	-3.32	0.00		PASS
n38	30	40	519000	50@25	DFT_BPSK	0	-2.56	0.00		PASS
n38	30	40	519000	50@25	DFT_BPSK	10	-1.31	0.00		PASS
n38	30	40	519000	50@25	DFT_BPSK	20	-3.33	0.00		PASS
n38	30	40	519000	50@25	DFT_BPSK	30	-5.84	0.00		PASS
n38	30	40	519000	50@25	DFT_BPSK	40	-6.36	0.00		PASS
n38	30	40	519000	50@25	DFT_BPSK	50	-5.3	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	-30	-3.78	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	-20	-1.19	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	-10	-3.4	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	0	-6.75	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	10	-6.92	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	20	-5.69	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	30	-4.74	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	40	-3.06	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	50	-4.65	0.00		PASS

Note: Only the worst case shown in the report.

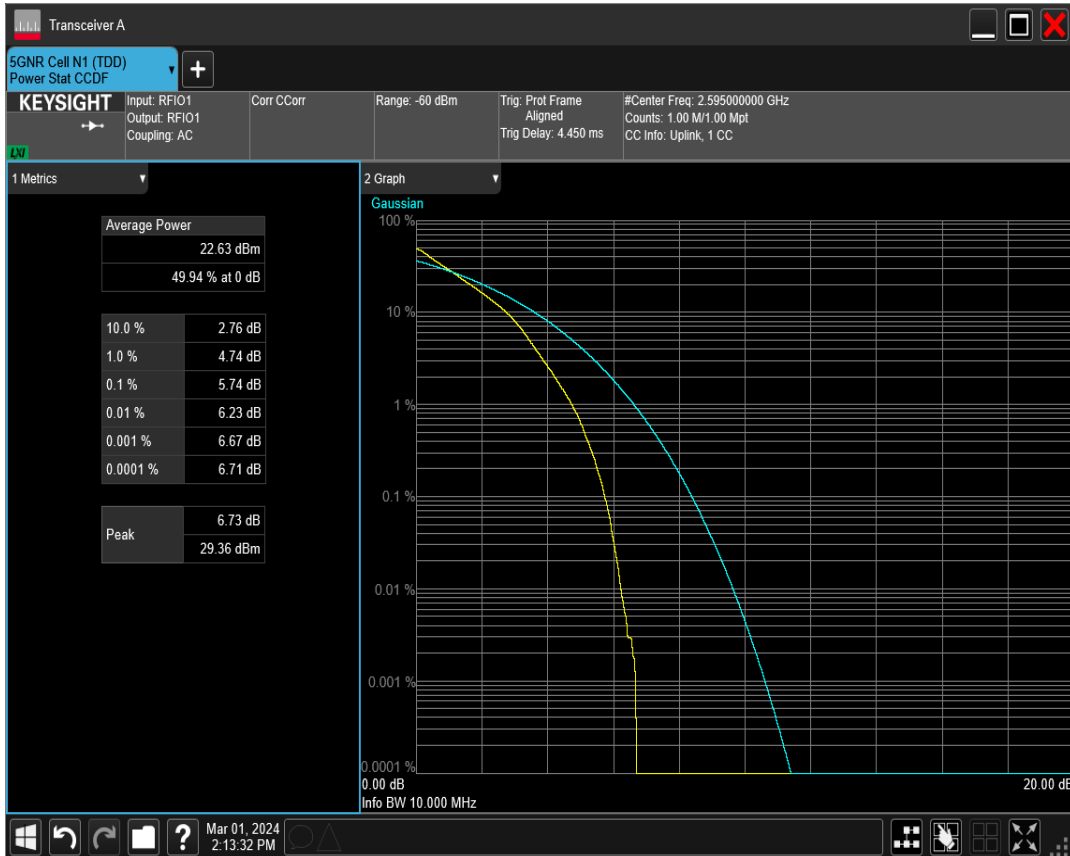
### 3 Peak-to-Average Ratio for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n38	30	10	519000	24@0	DFT_BPSK	4.64	13	PASS
n38	30	10	519000	24@0	DFT_QPSK	5.74	13	PASS
n38	30	10	519000	24@0	DFT_QAM16	6.69	13	PASS
n38	30	10	519000	24@0	DFT_QAM64	6.85	13	PASS
n38	30	10	519000	24@0	DFT_QAM256	7.01	13	PASS
n38	30	15	519000	36@0	DFT_BPSK	4.78	13	PASS
n38	30	15	519000	36@0	DFT_QPSK	5.80	13	PASS
n38	30	15	519000	36@0	DFT_QAM16	6.53	13	PASS
n38	30	15	519000	36@0	DFT_QAM64	6.88	13	PASS
n38	30	15	519000	36@0	DFT_QAM256	7.20	13	PASS
n38	30	20	519000	50@0	DFT_BPSK	4.69	13	PASS
n38	30	20	519000	50@0	DFT_QPSK	5.90	13	PASS
n38	30	20	519000	50@0	DFT_QAM16	6.60	13	PASS
n38	30	20	519000	50@0	DFT_QAM64	6.90	13	PASS
n38	30	20	519000	50@0	DFT_QAM256	7.05	13	PASS
n38	30	40	519000	100@0	DFT_BPSK	4.73	13	PASS
n38	30	40	519000	100@0	DFT_QPSK	5.83	13	PASS
n38	30	40	519000	100@0	DFT_QAM16	6.59	13	PASS
n38	30	40	519000	100@0	DFT_QAM64	6.89	13	PASS
n38	30	40	519000	100@0	DFT_QAM256	7.18	13	PASS

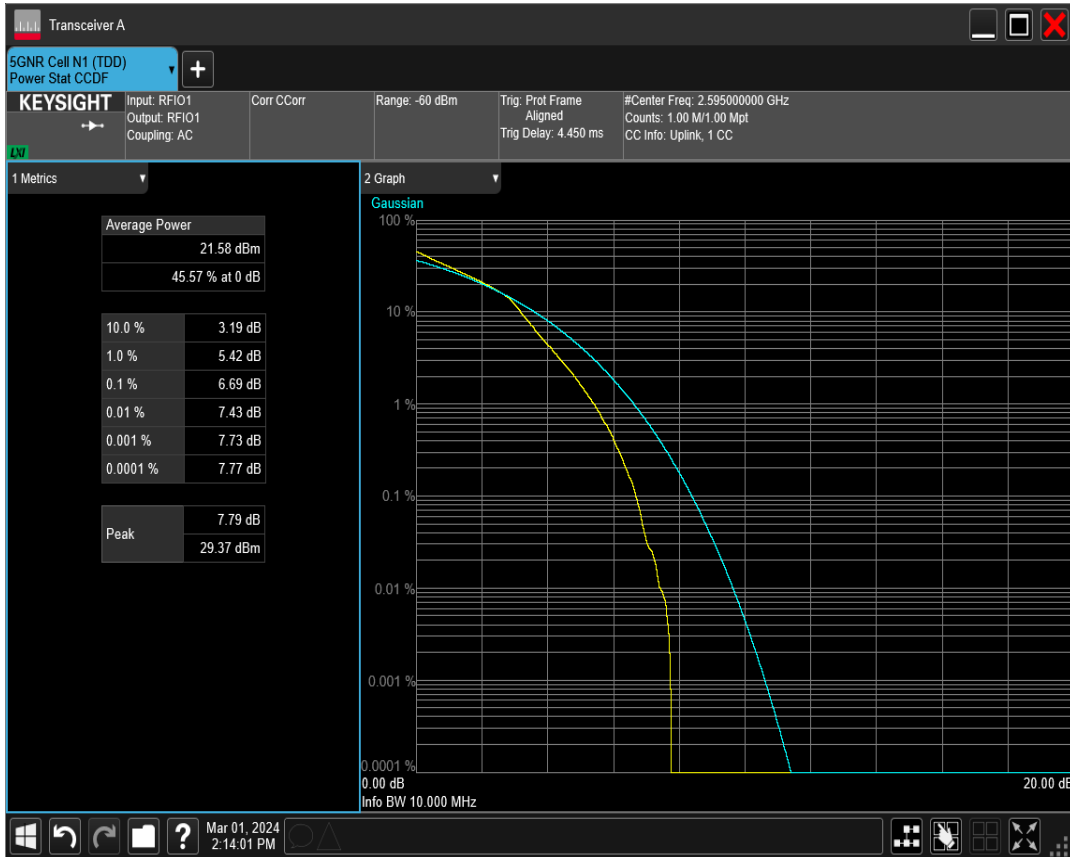
n38 SCS=30kHz DFT\_BPSK BW=10MHz Channel=519000 RB=24@0



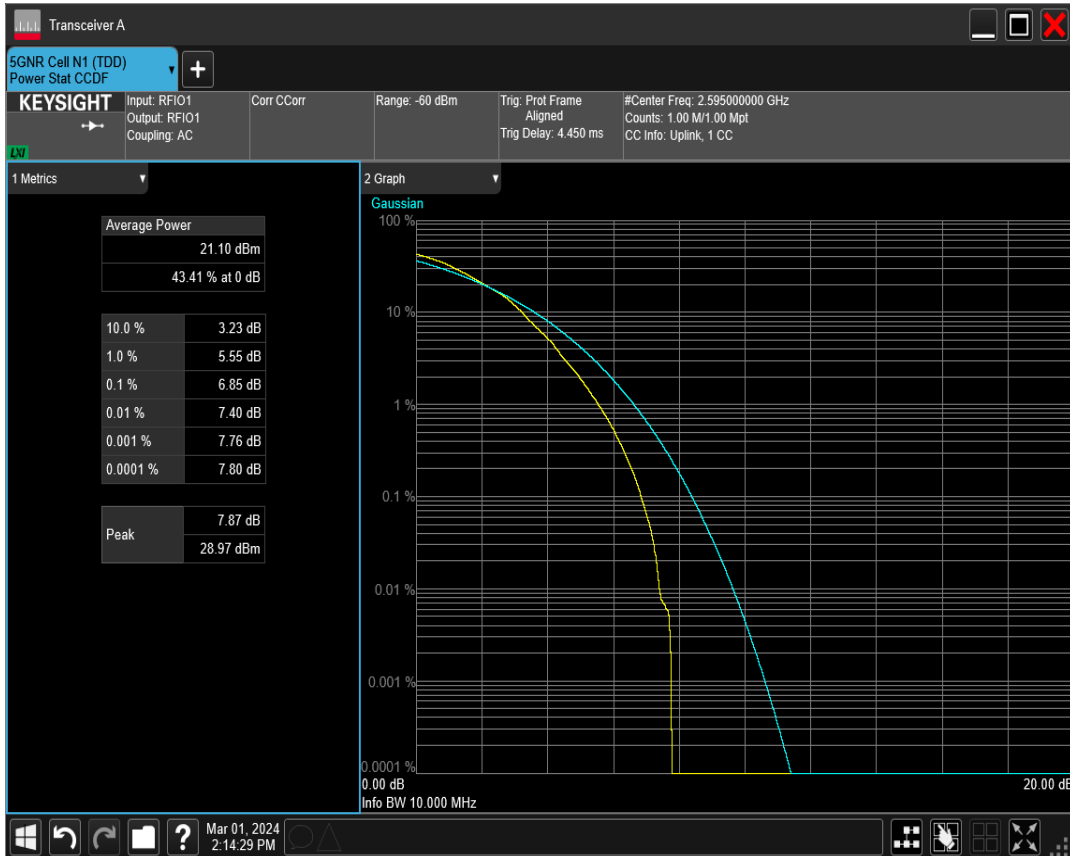
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=519000 RB=24@0



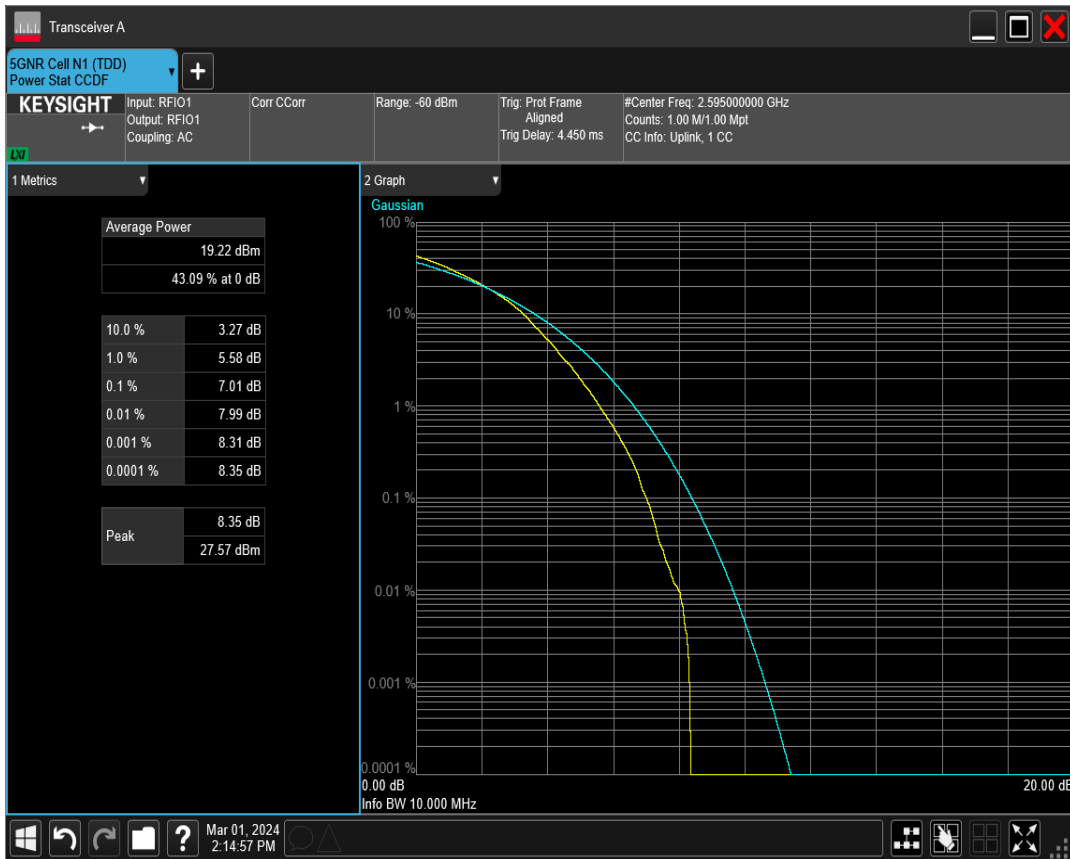
n38 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=519000 RB=24@0



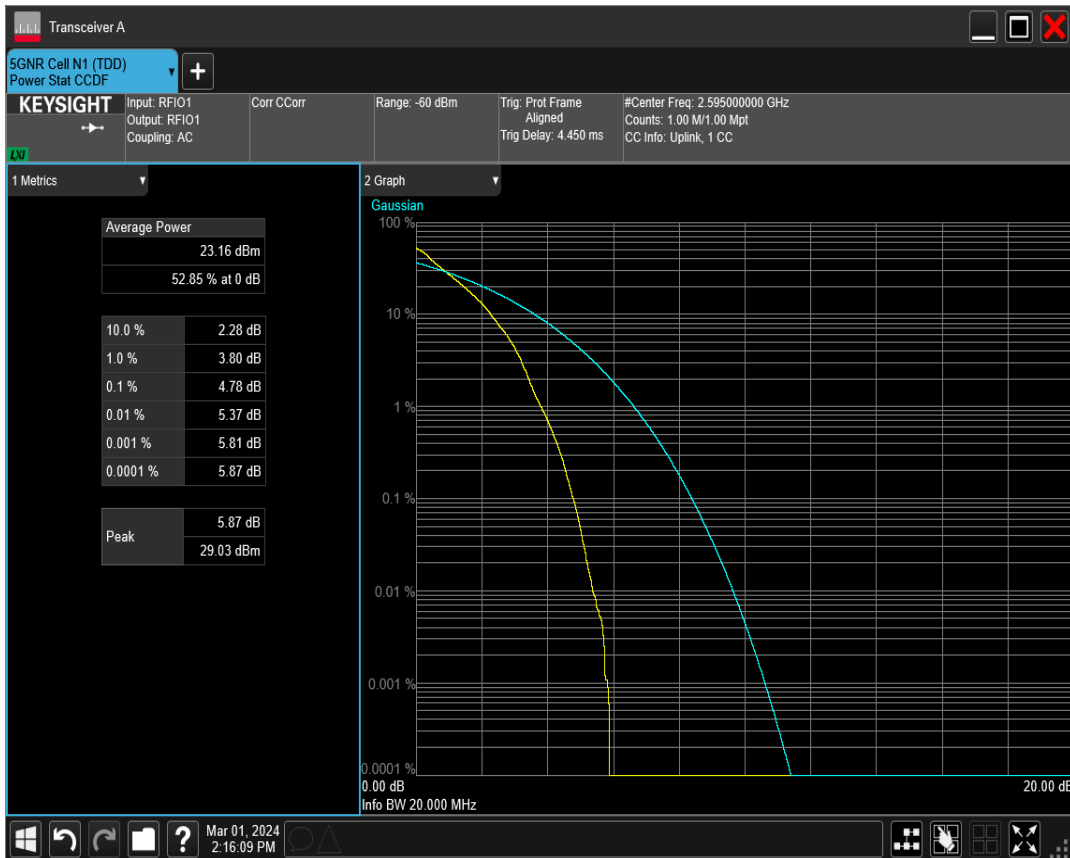
n38 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=519000 RB=24@0



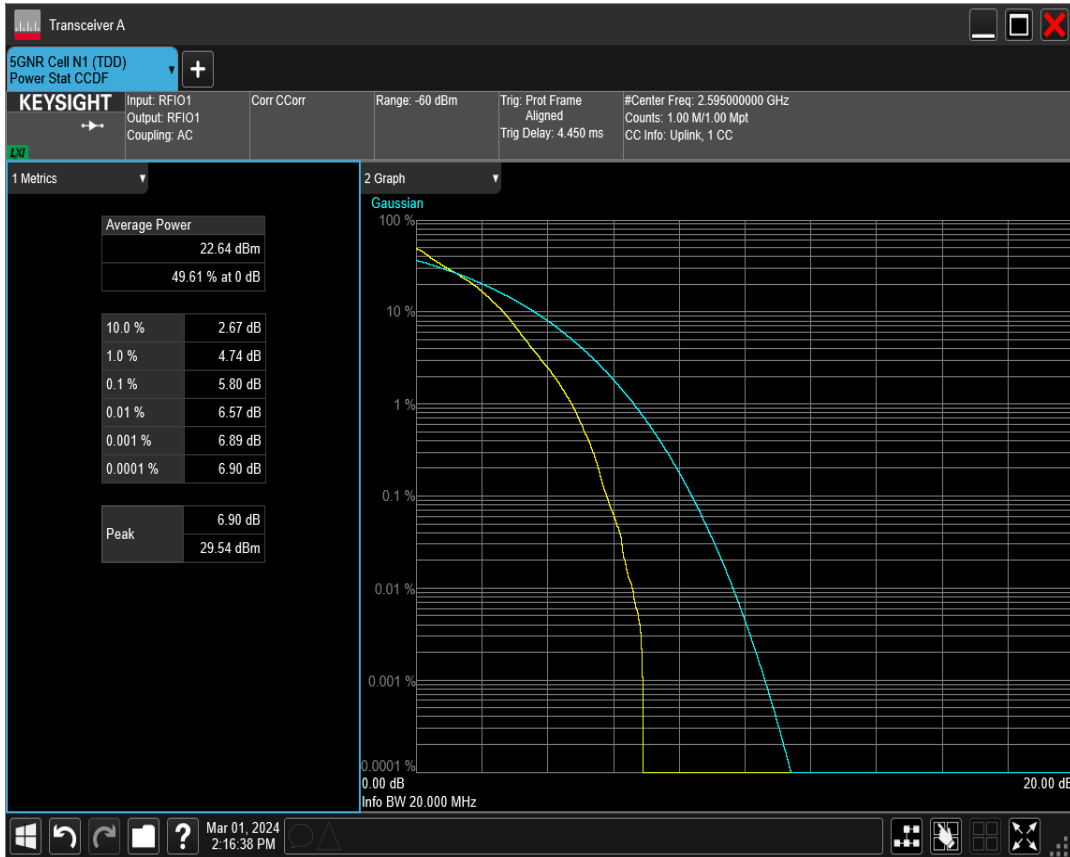
n38 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=519000 RB=24@0



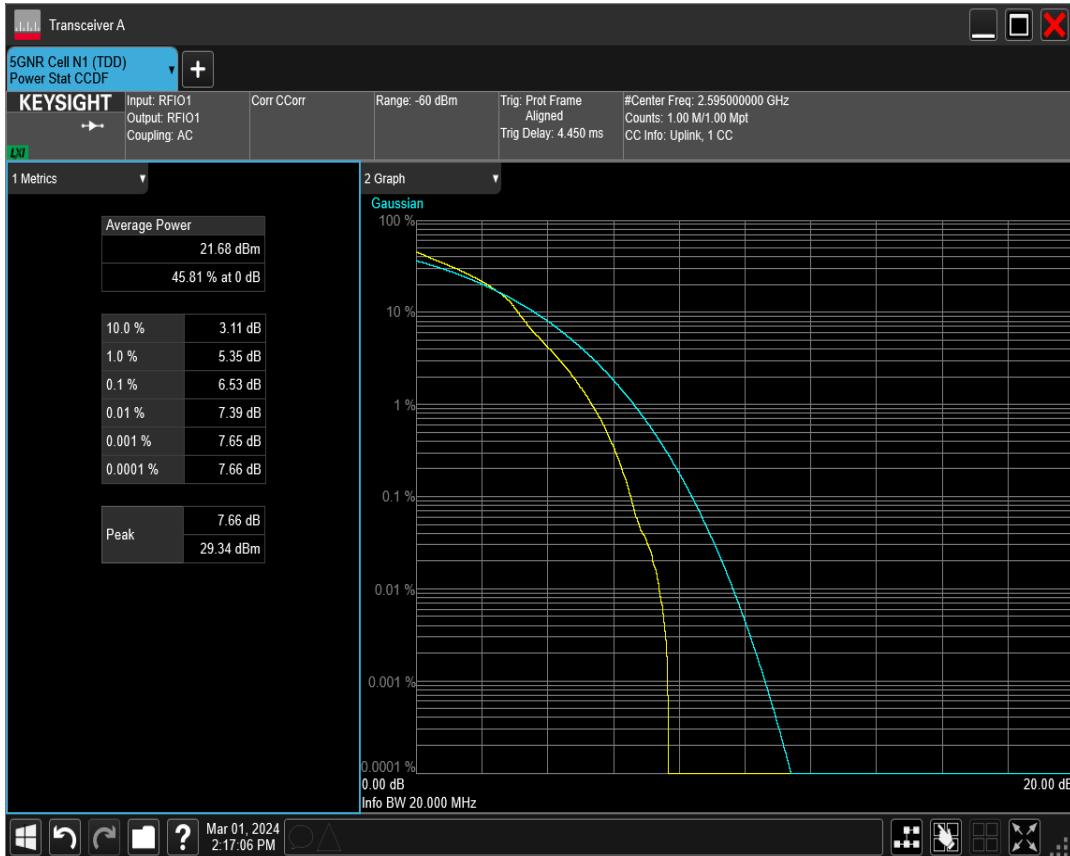
n38 SCS=30kHz DFT\_BPSK BW=15MHz Channel=519000 RB=36@0



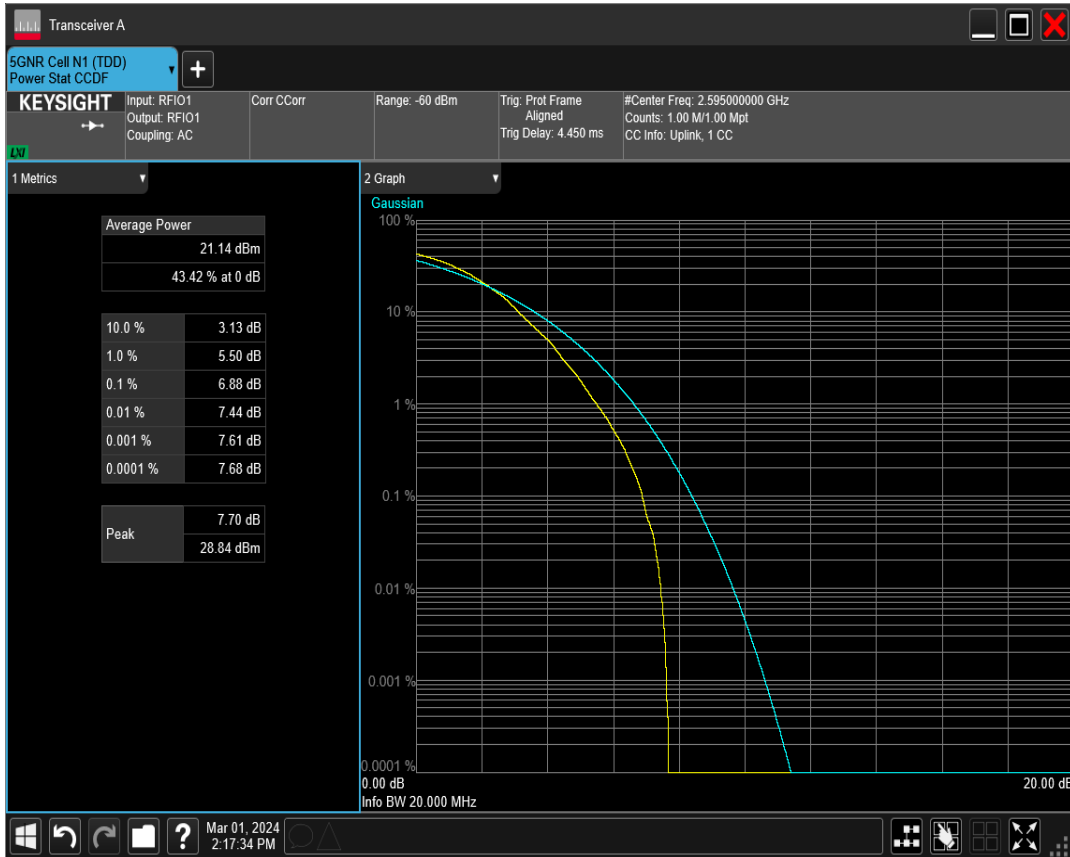
n38 SCS=30kHz DFT\_QPSK BW=15MHz Channel=519000 RB=36@0



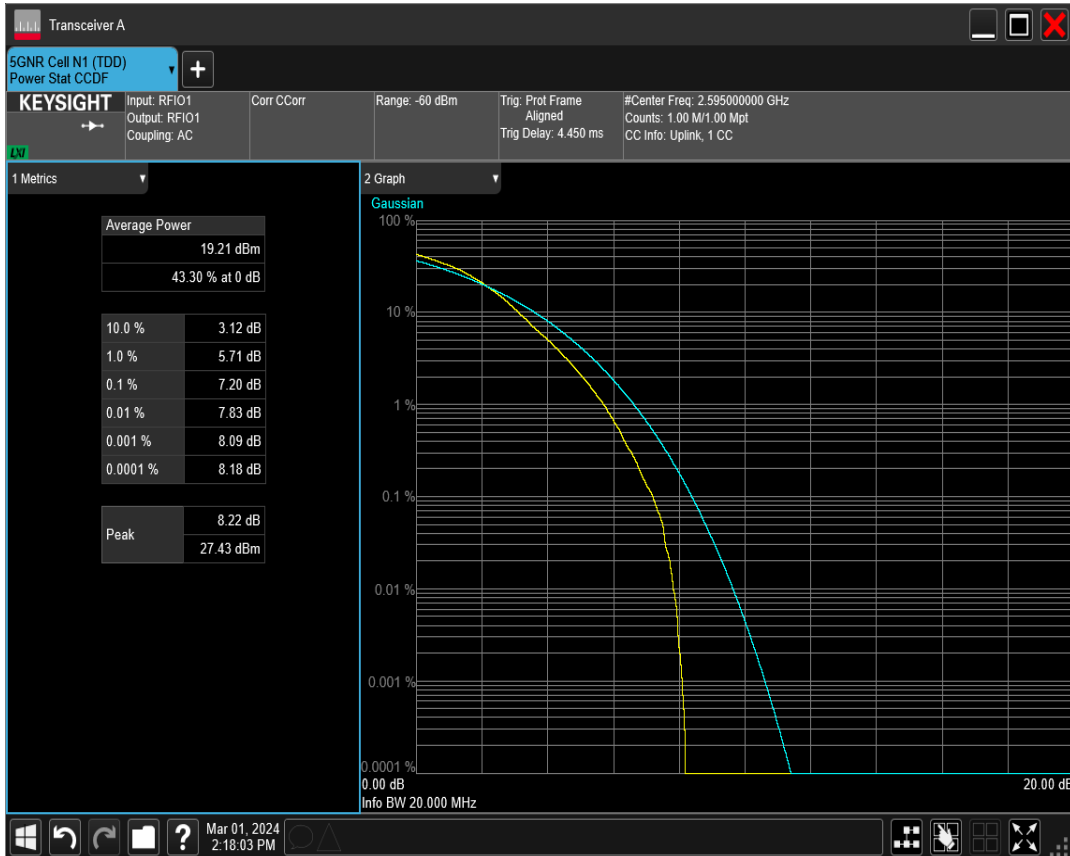
n38 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=519000 RB=36@0



n38 SCS=30kHz DFT\_QAM64 BW=15MHz Channel=519000 RB=36@0

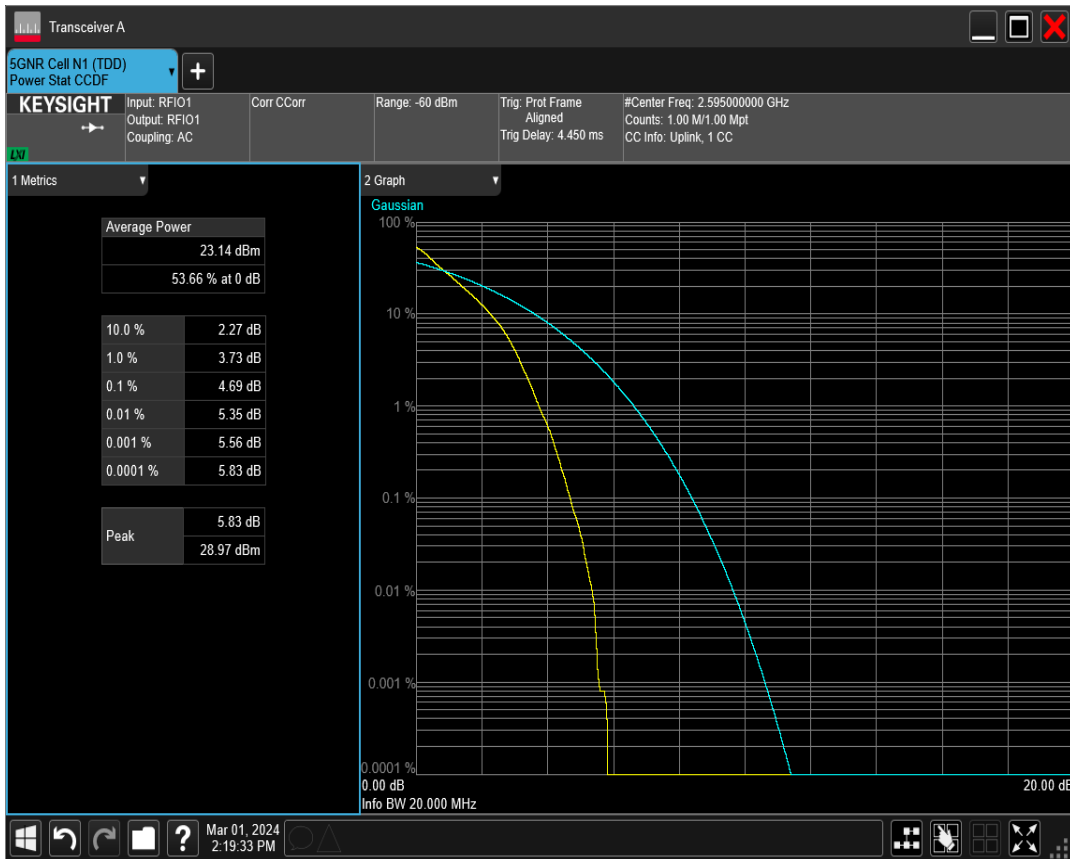


n38 SCS=30kHz DFT\_QAM256 BW=15MHz Channel=519000 RB=36@0

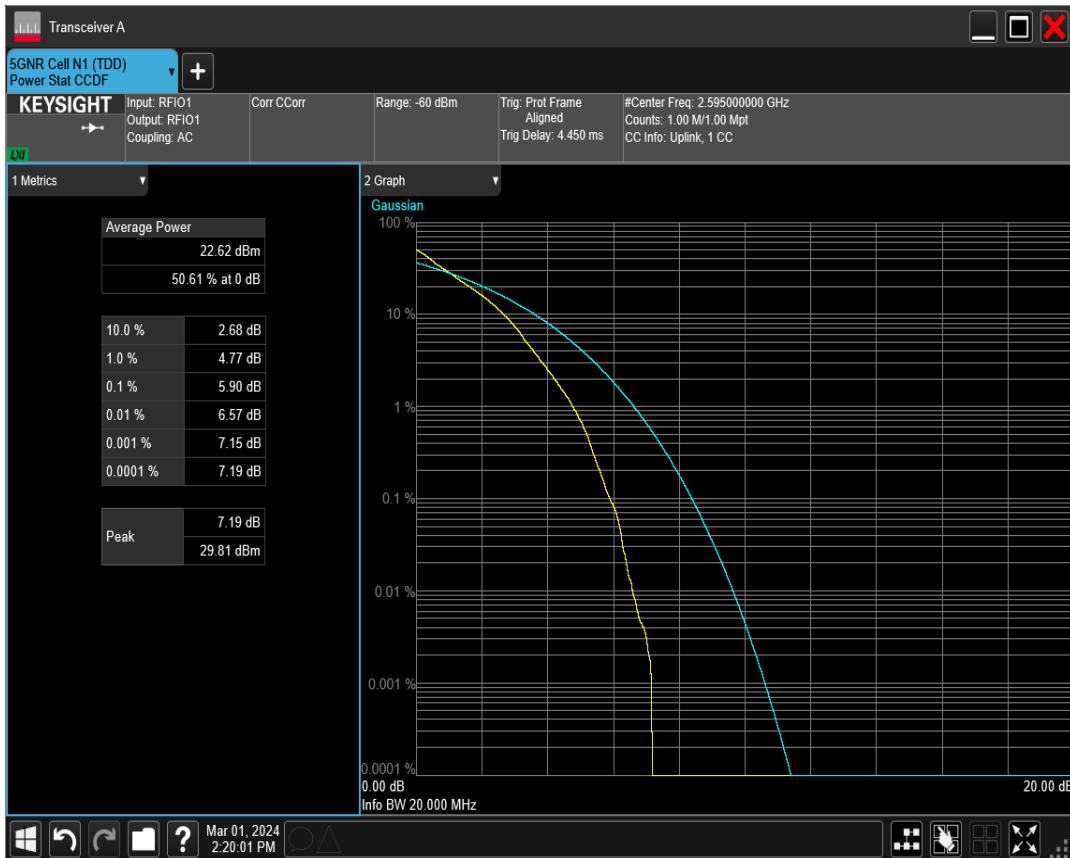




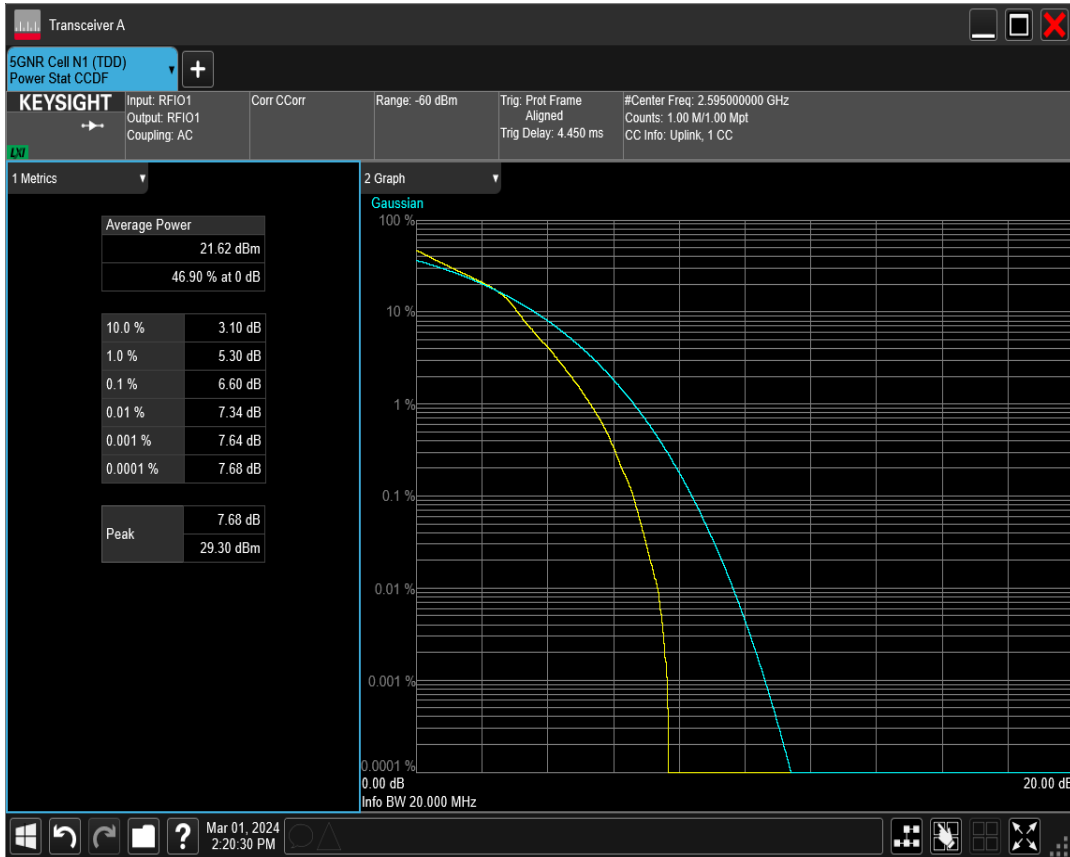
n38 SCS=30kHz DFT\_BPSK BW=20MHz Channel=519000 RB=50@0



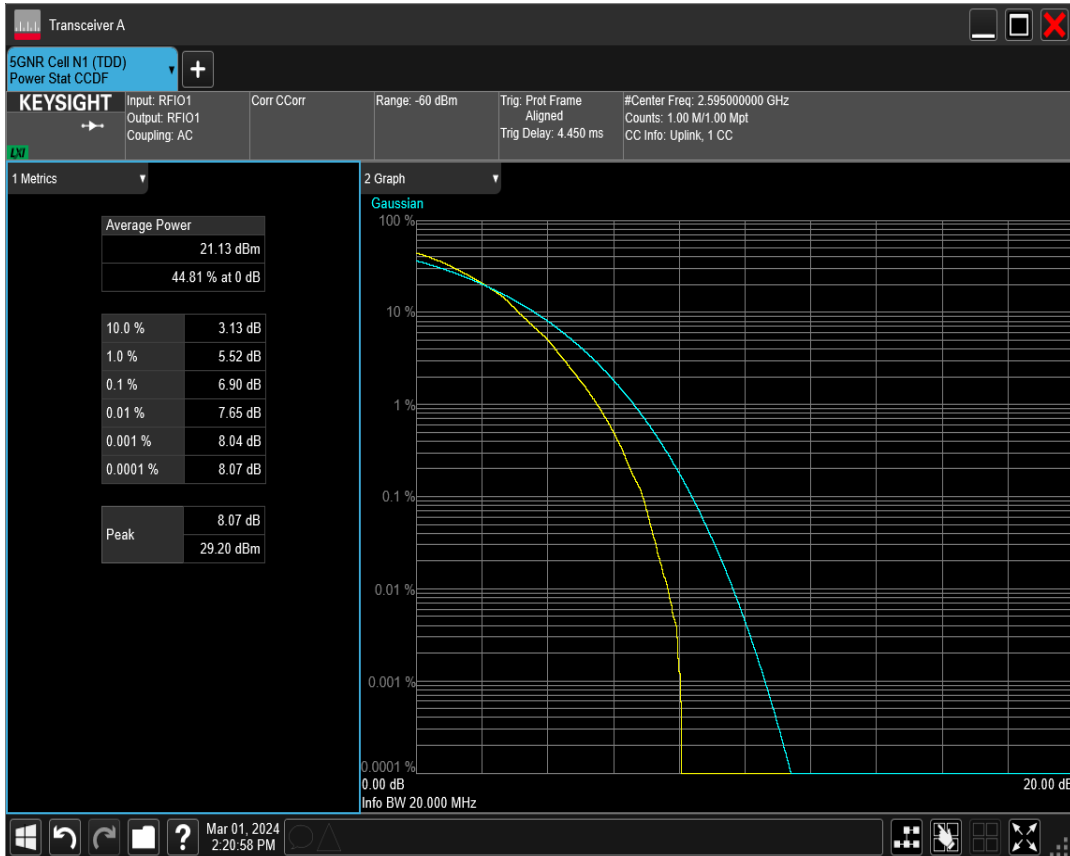
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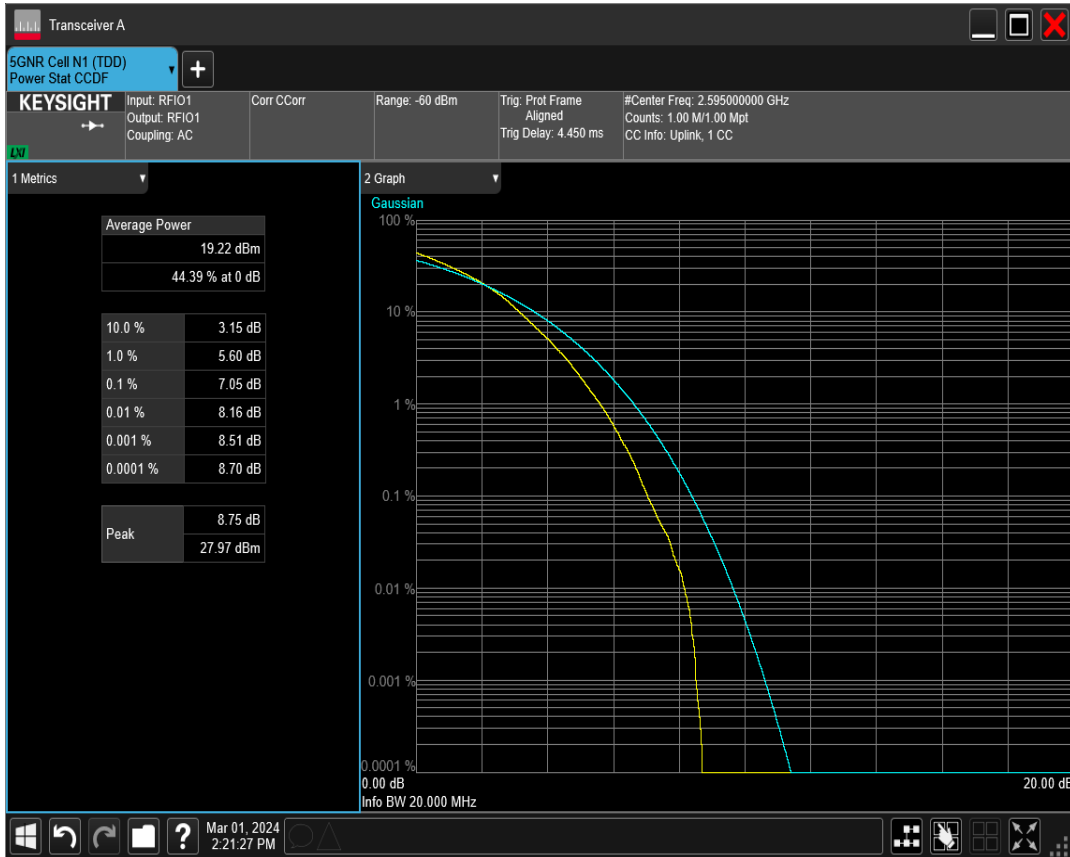
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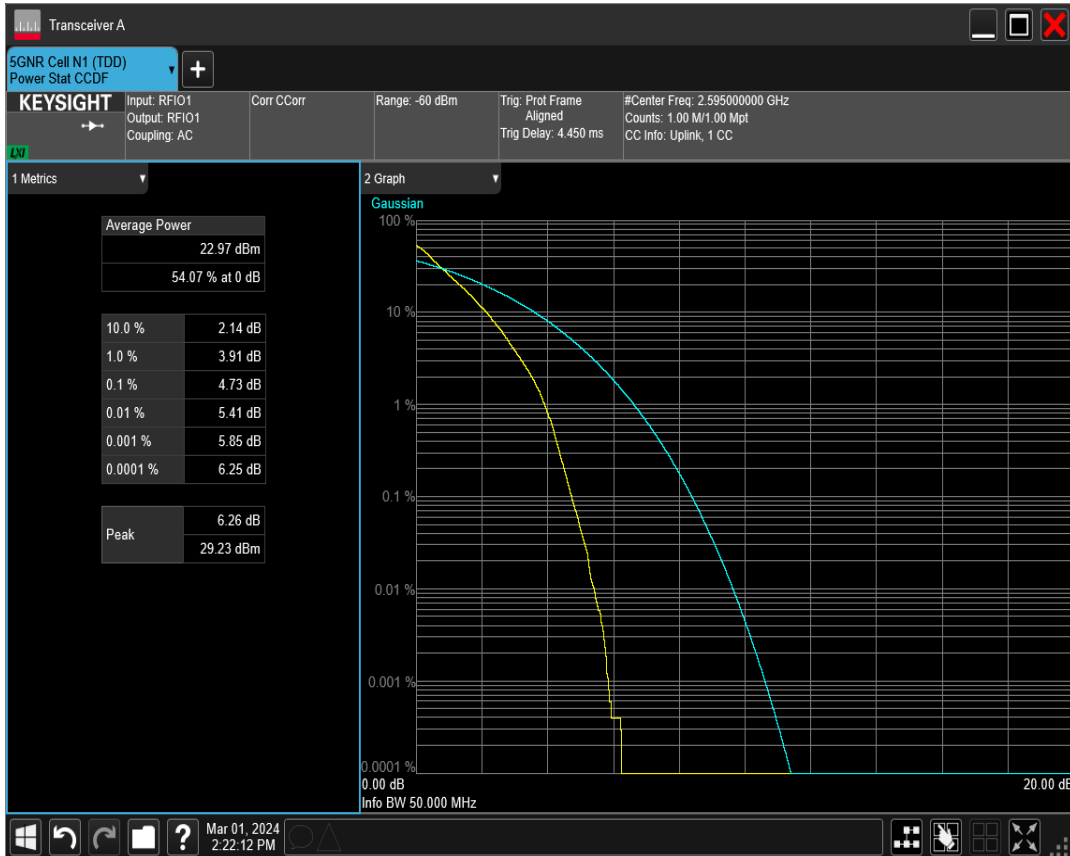
n38 SCS=30kHz DFT\_QAM64 BW=20MHz Channel=519000 RB=50@0



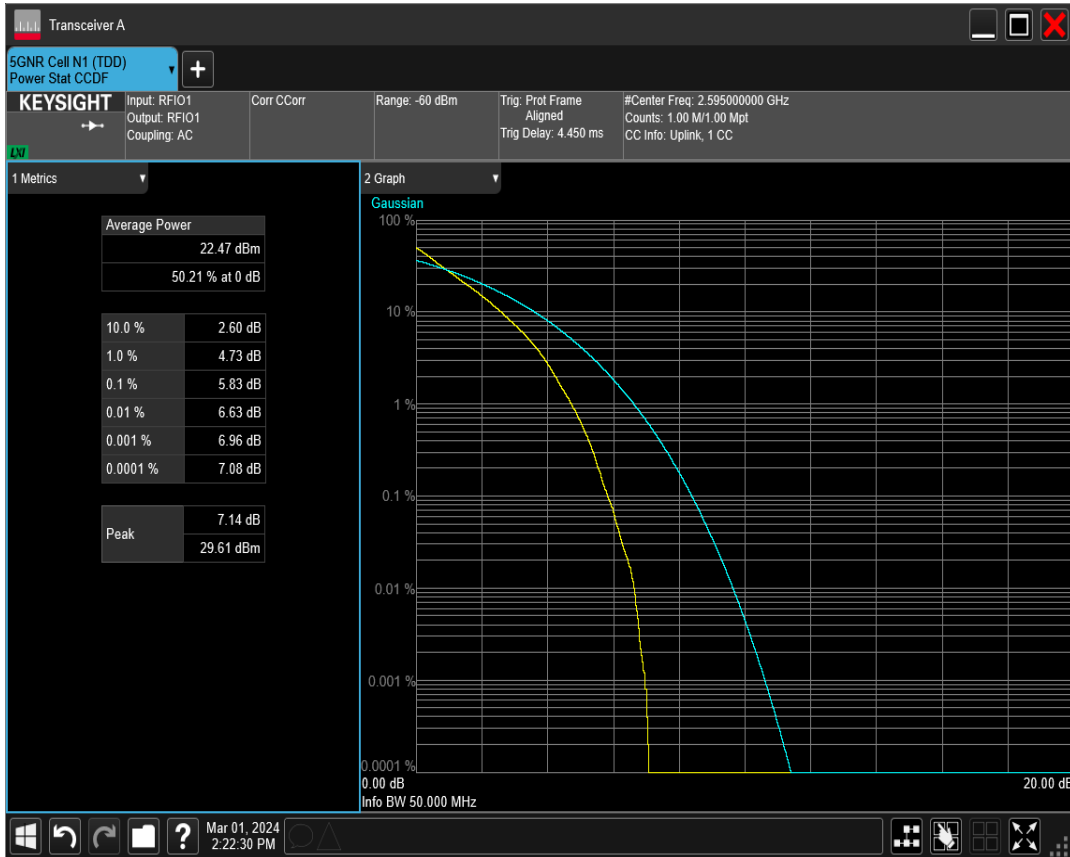
n38 SCS=30kHz DFT\_QAM256 BW=20MHz Channel=519000 RB=50@0



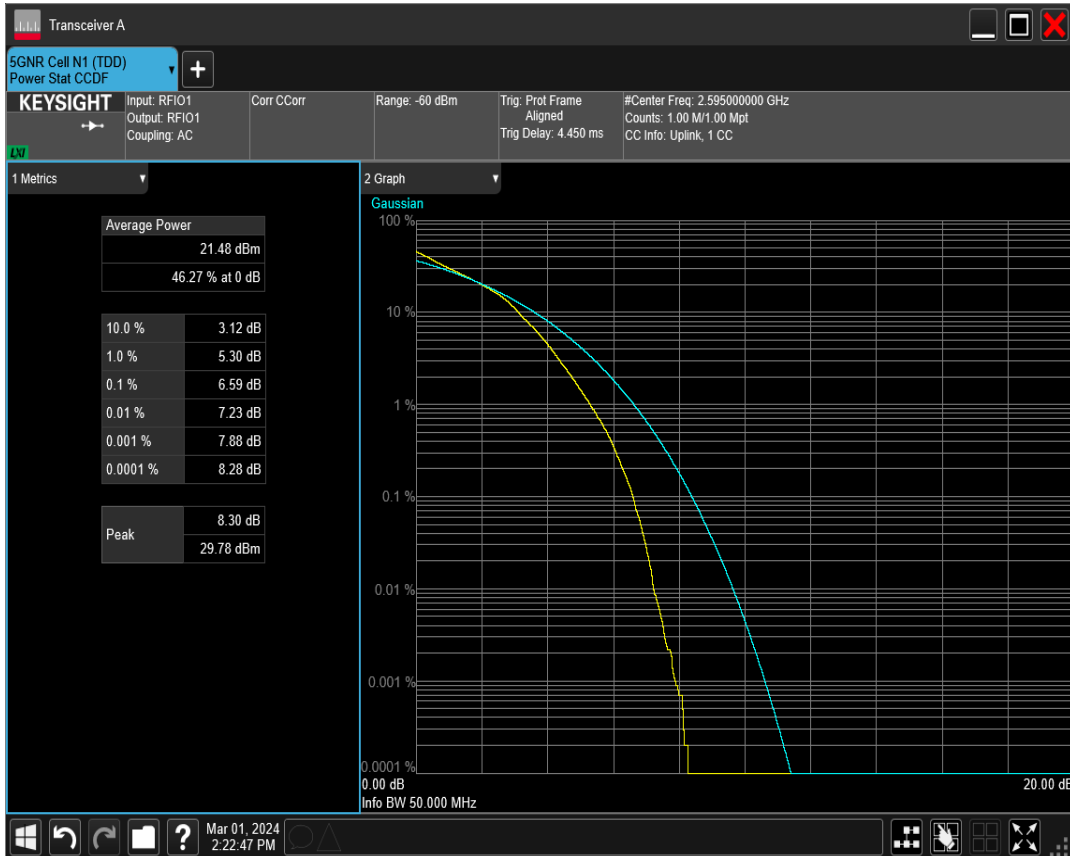
n38 SCS=30kHz DFT\_BPSK BW=40MHz Channel=519000 RB=100@0



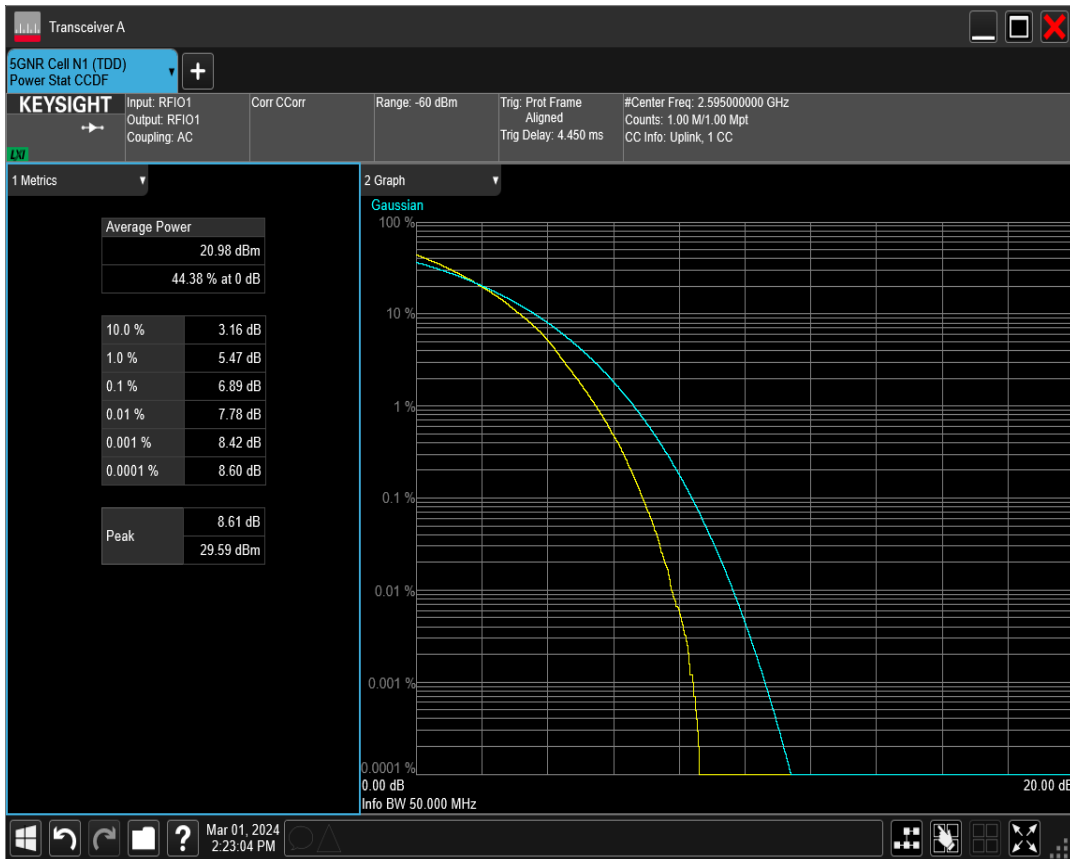
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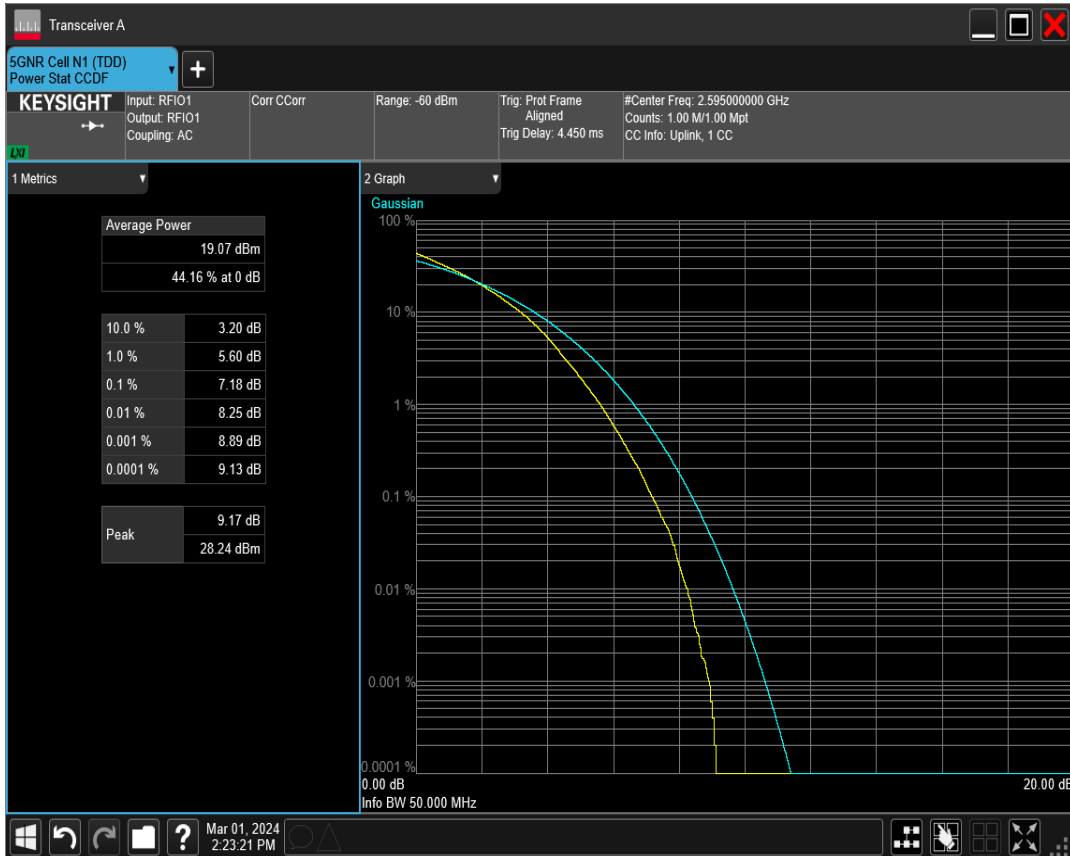
n38 SCS=30kHz DFT\_QAM16 BW=40MHz Channel=519000 RB=100@0



n38 SCS=30kHz DFT\_QAM64 BW=40MHz Channel=519000 RB=100@0



n38 SCS=30kHz DFT\_QAM256 BW=40MHz Channel=519000 RB=100@0



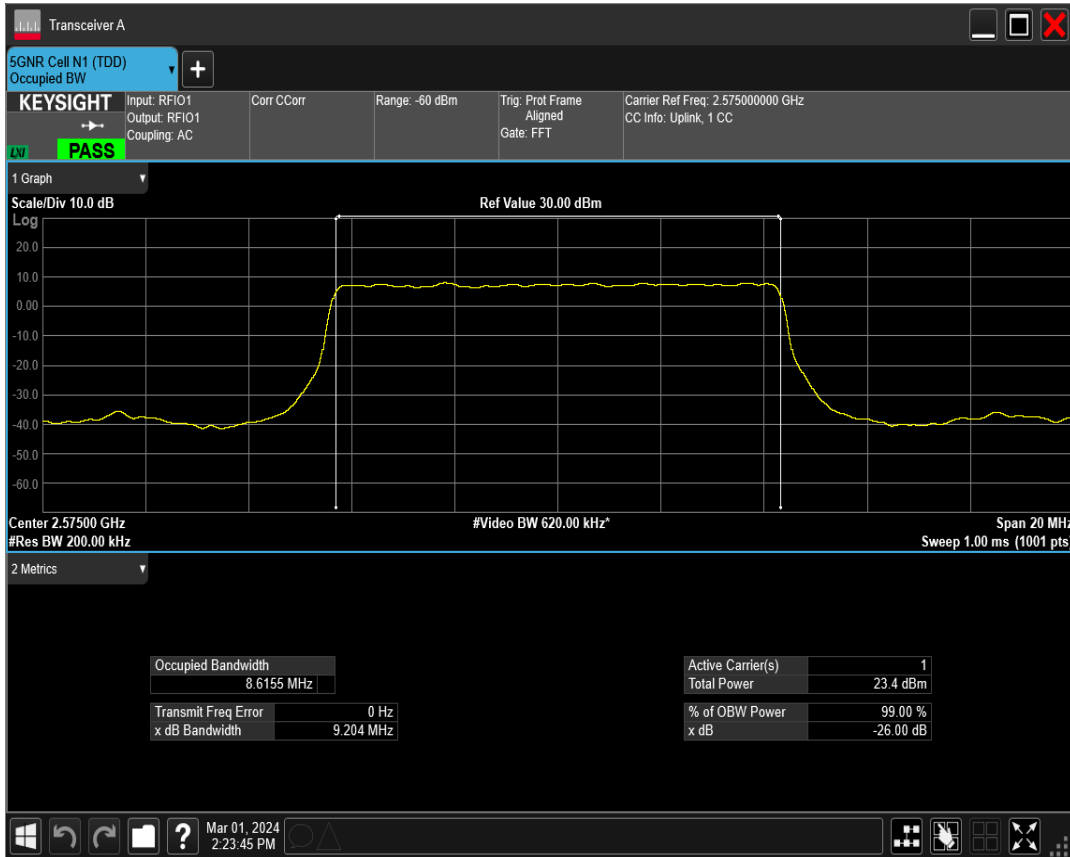
### 4 Occupied bandwidth for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n38	30	10	515000	24@0	DFT_BPSK	8.620	9.200	PASS
n38	30	10	515000	24@0	DFT_QPSK	8.620	9.220	PASS
n38	30	10	515000	24@0	DFT_QAM16	8.610	9.180	PASS
n38	30	10	515000	24@0	DFT_QAM64	8.620	9.220	PASS
n38	30	10	515000	24@0	DFT_QAM256	8.640	9.240	PASS
n38	30	10	515000	24@0	CP_QPSK	8.610	9.150	PASS
n38	30	10	519000	24@0	DFT_BPSK	8.620	9.230	PASS
n38	30	10	519000	24@0	DFT_QPSK	8.620	9.220	PASS
n38	30	10	519000	24@0	DFT_QAM16	8.610	9.210	PASS
n38	30	10	519000	24@0	DFT_QAM64	8.620	9.200	PASS
n38	30	10	519000	24@0	DFT_QAM256	8.610	9.180	PASS
n38	30	10	519000	24@0	CP_QPSK	8.620	9.210	PASS
n38	30	10	523000	24@0	DFT_BPSK	8.610	9.200	PASS
n38	30	10	523000	24@0	DFT_QPSK	8.620	9.210	PASS
n38	30	10	523000	24@0	DFT_QAM16	8.620	9.170	PASS
n38	30	10	523000	24@0	DFT_QAM64	8.620	9.230	PASS
n38	30	10	523000	24@0	DFT_QAM256	8.640	9.250	PASS
n38	30	10	523000	24@0	CP_QPSK	8.620	9.140	PASS
n38	30	15	515500	36@0	DFT_BPSK	13.450	13.730	PASS
n38	30	15	515500	36@0	DFT_QPSK	13.460	13.720	PASS
n38	30	15	515500	36@0	DFT_QAM16	13.510	13.710	PASS
n38	30	15	515500	36@0	DFT_QAM64	13.470	13.700	PASS
n38	30	15	515500	36@0	DFT_QAM256	13.450	13.730	PASS
n38	30	15	515500	38@0	CP_QPSK	13.630	14.420	PASS
n38	30	15	519000	36@0	DFT_BPSK	13.520	13.750	PASS
n38	30	15	519000	36@0	DFT_QPSK	13.520	13.770	PASS
n38	30	15	519000	36@0	DFT_QAM16	13.500	13.710	PASS
n38	30	15	519000	36@0	DFT_QAM64	13.460	13.730	PASS
n38	30	15	519000	36@0	DFT_QAM256	13.440	13.730	PASS
n38	30	15	519000	38@0	CP_QPSK	13.630	14.410	PASS
n38	30	15	522500	36@0	DFT_BPSK	13.470	13.700	PASS
n38	30	15	522500	36@0	DFT_QPSK	13.530	13.720	PASS
n38	30	15	522500	36@0	DFT_QAM16	13.510	13.740	PASS
n38	30	15	522500	36@0	DFT_QAM64	13.470	13.690	PASS
n38	30	15	522500	36@0	DFT_QAM256	13.450	13.700	PASS
n38	30	15	522500	38@0	CP_QPSK	13.630	14.450	PASS
n38	30	20	516000	50@0	DFT_BPSK	18.040	18.930	PASS
n38	30	20	516000	50@0	DFT_QPSK	18.080	18.940	PASS
n38	30	20	516000	50@0	DFT_QAM16	18.100	18.950	PASS

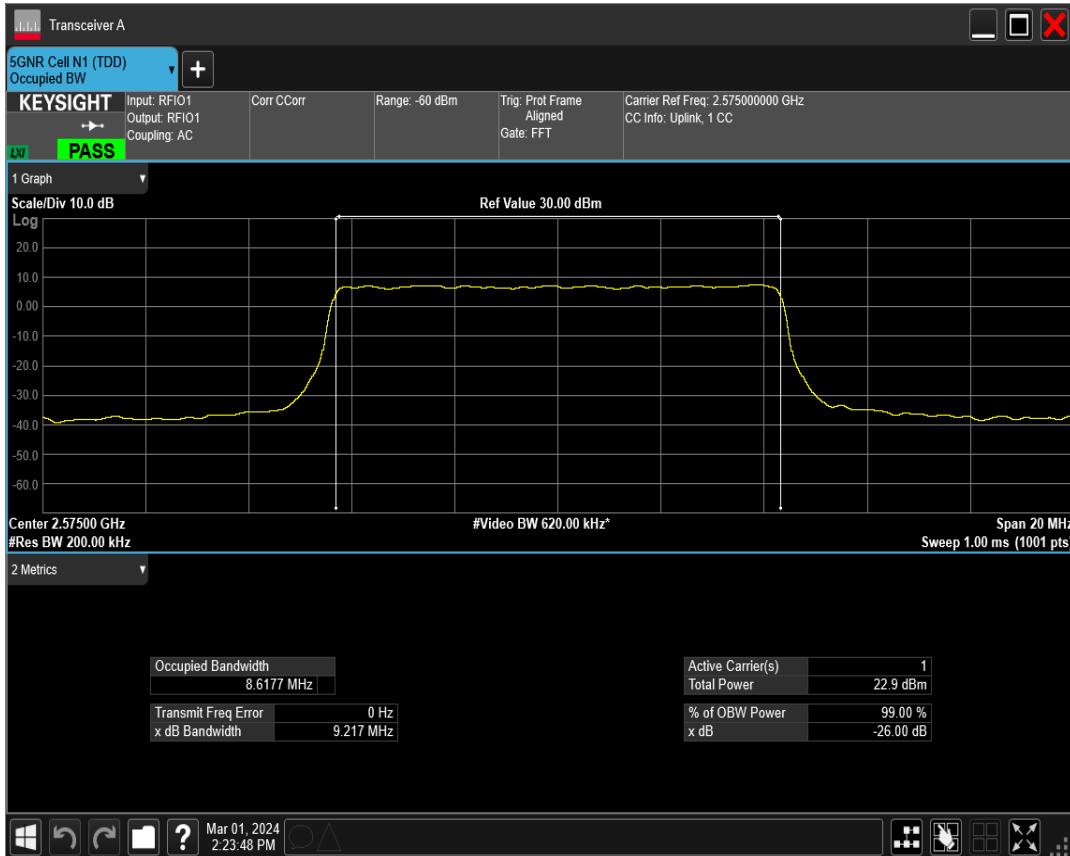
n38	30	20	516000	50@0	DFT_QAM64	18.020	18.890	PASS
n38	30	20	516000	50@0	DFT_QAM256	18.110	18.930	PASS
n38	30	20	516000	51@0	CP_QPSK	18.270	19.300	PASS
n38	30	20	519000	50@0	DFT_BPSK	18.040	18.930	PASS
n38	30	20	519000	50@0	DFT_QPSK	18.080	18.940	PASS
n38	30	20	519000	50@0	DFT_QAM16	18.030	18.910	PASS
n38	30	20	519000	50@0	DFT_QAM64	18.030	18.910	PASS
n38	30	20	519000	50@0	DFT_QAM256	18.030	18.920	PASS
n38	30	20	519000	51@0	CP_QPSK	18.270	19.290	PASS
n38	30	20	522000	50@0	DFT_BPSK	18.040	18.920	PASS
n38	30	20	522000	50@0	DFT_QPSK	18.090	18.930	PASS
n38	30	20	522000	50@0	DFT_QAM16	18.030	18.900	PASS
n38	30	20	522000	50@0	DFT_QAM64	18.120	18.940	PASS
n38	30	20	522000	50@0	DFT_QAM256	18.110	18.890	PASS
n38	30	20	522000	51@0	CP_QPSK	18.270	19.290	PASS
n38	30	40	518000	100@0	DFT_BPSK	37.500	37.870	PASS
n38	30	40	518000	100@0	DFT_QPSK	37.470	37.890	PASS
n38	30	40	518000	100@0	DFT_QAM16	37.490	37.860	PASS
n38	30	40	518000	100@0	DFT_QAM64	37.510	37.880	PASS
n38	30	40	518000	100@0	DFT_QAM256	37.470	37.870	PASS
n38	30	40	518000	106@0	CP_QPSK	37.980	40.050	PASS
n38	30	40	519000	100@0	DFT_BPSK	37.610	37.870	PASS
n38	30	40	519000	100@0	DFT_QPSK	37.470	37.870	PASS
n38	30	40	519000	100@0	DFT_QAM16	37.480	37.880	PASS
n38	30	40	519000	100@0	DFT_QAM64	37.520	37.870	PASS
n38	30	40	519000	100@0	DFT_QAM256	37.480	37.860	PASS
n38	30	40	519000	106@0	CP_QPSK	37.980	40.060	PASS
n38	30	40	520000	100@0	DFT_BPSK	37.610	37.860	PASS
n38	30	40	520000	100@0	DFT_QPSK	37.470	37.880	PASS
n38	30	40	520000	100@0	DFT_QAM16	37.500	37.880	PASS
n38	30	40	520000	100@0	DFT_QAM64	37.520	37.860	PASS
n38	30	40	520000	100@0	DFT_QAM256	37.520	37.880	PASS
n38	30	40	520000	106@0	CP_QPSK	37.970	40.030	PASS



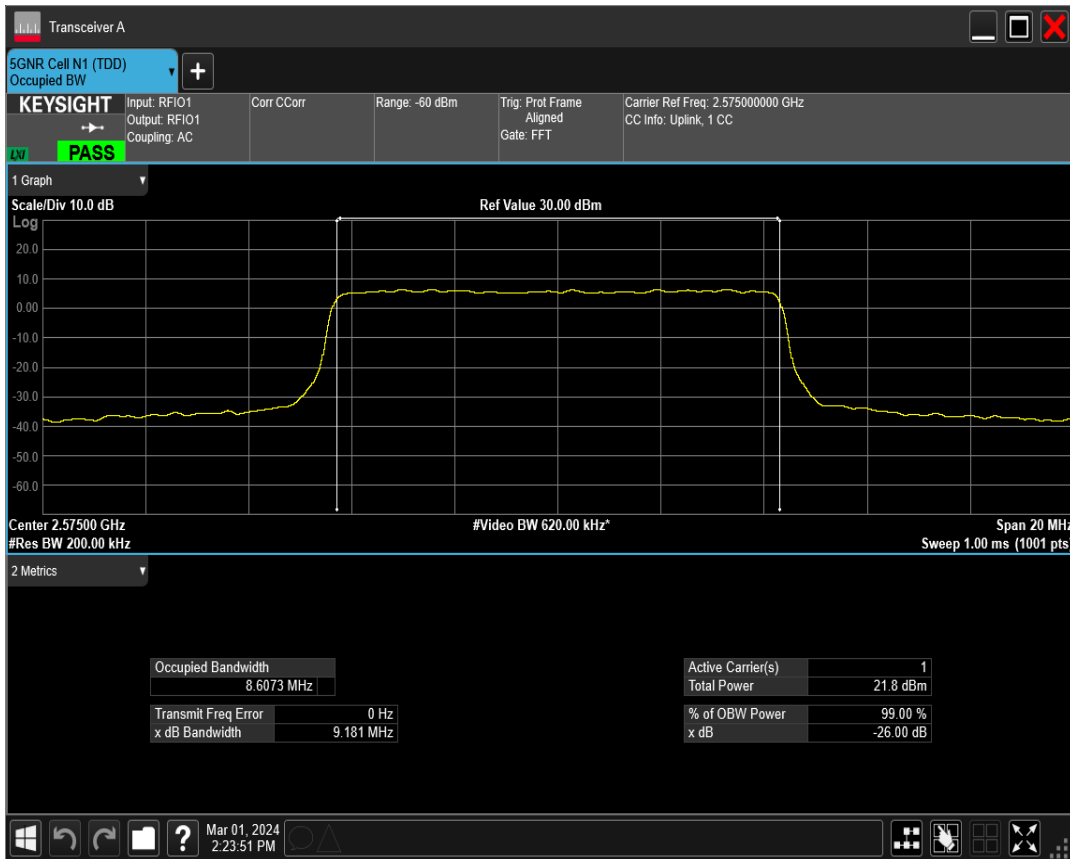
n38 SCS=30kHz DFT\_BPSK BW=10MHz Channel=515000 RB=24@0



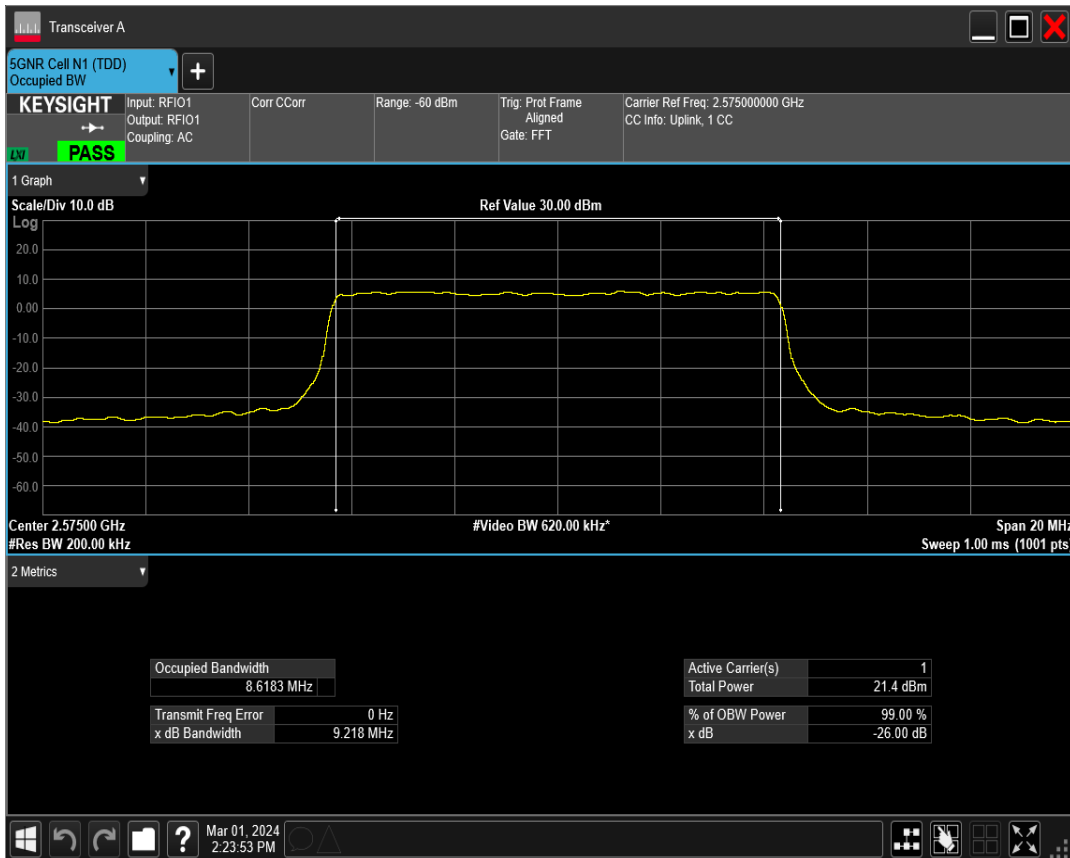
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=515000 RB=24@0



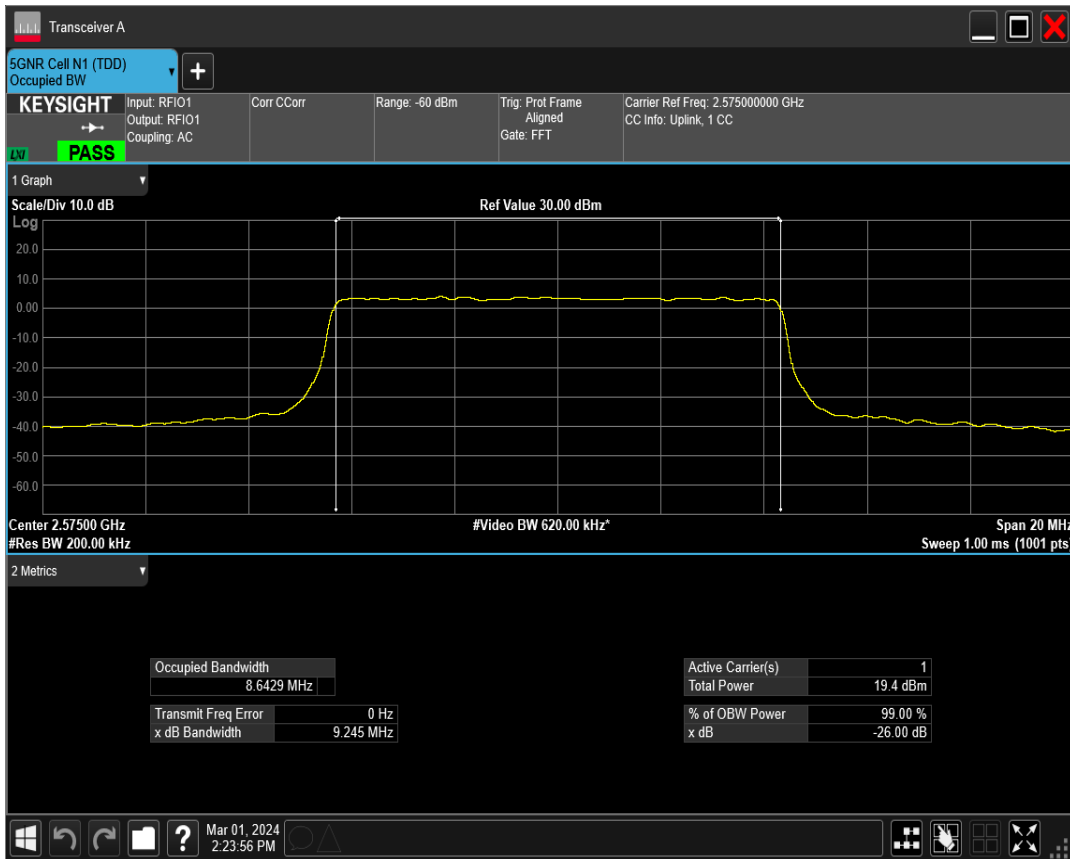
n38 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=515000 RB=24@0



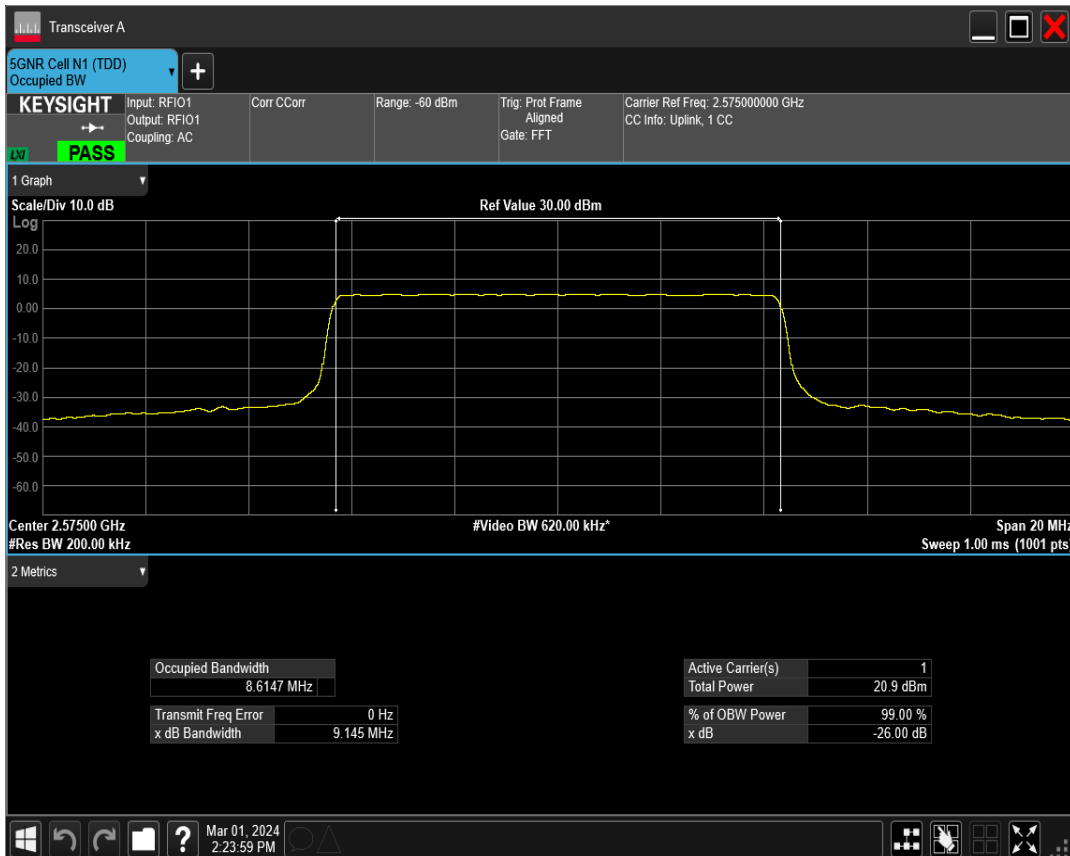
n38 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=515000 RB=24@0



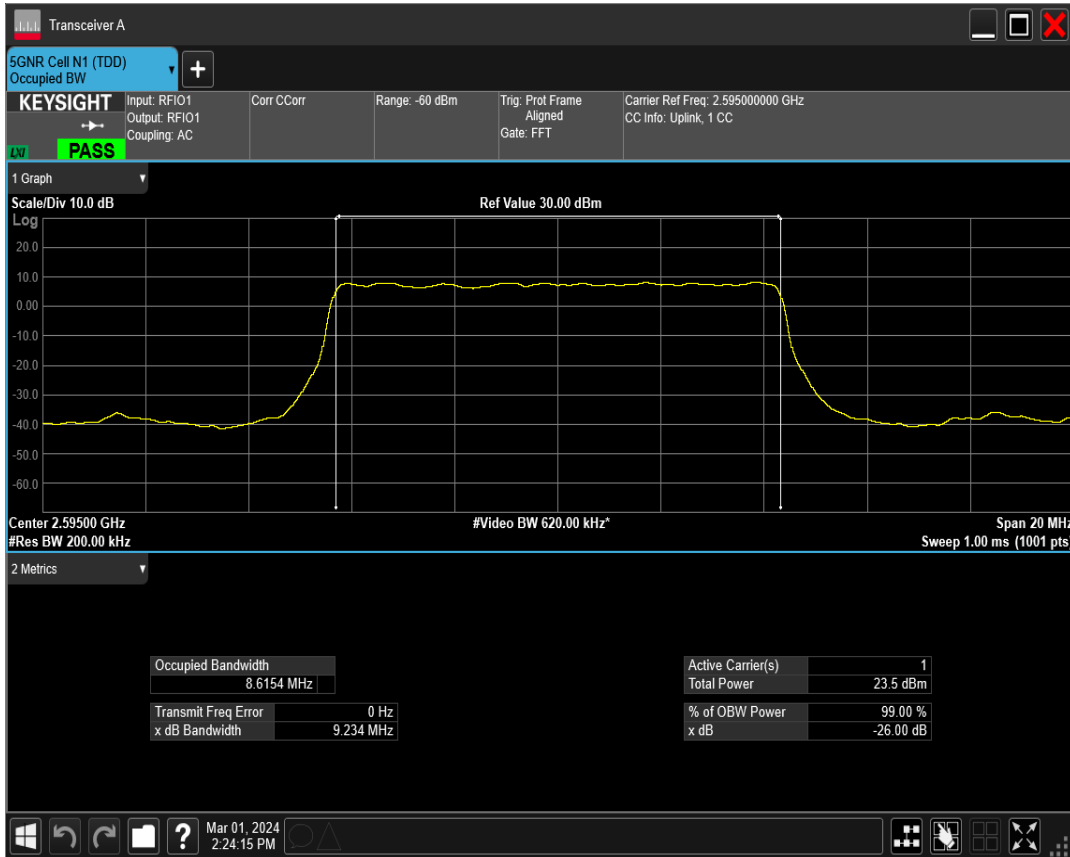
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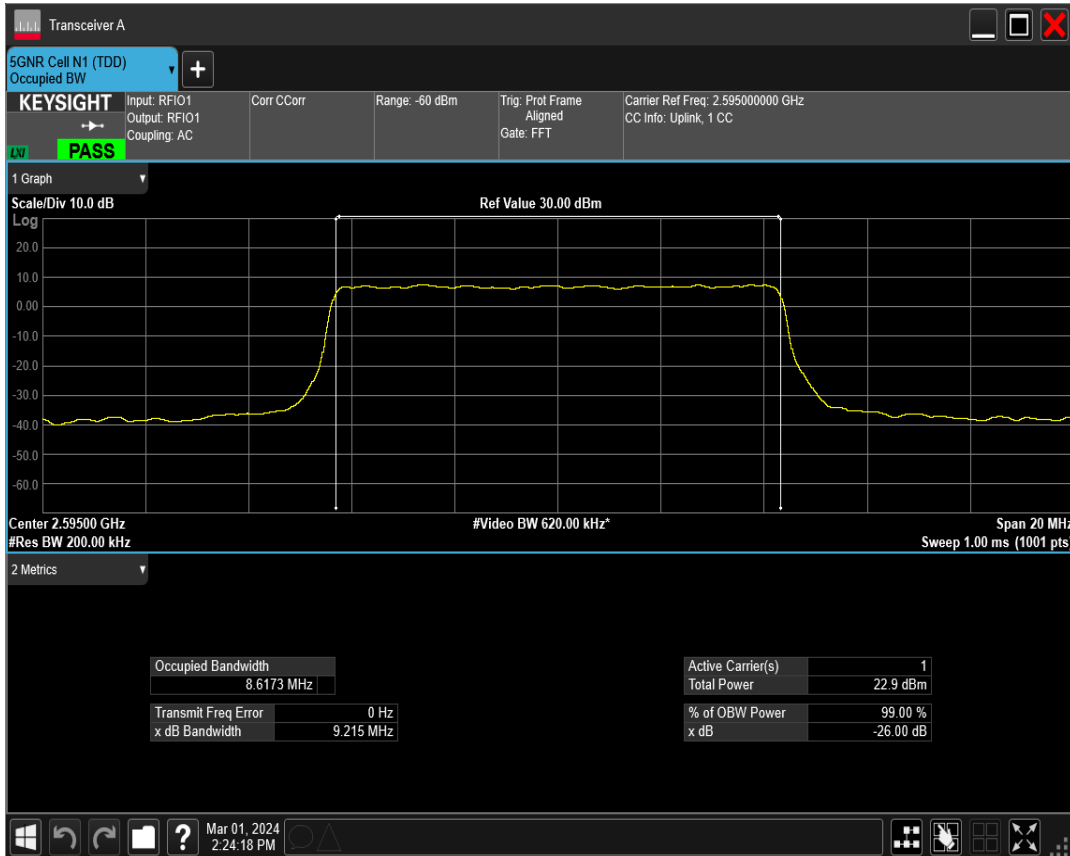
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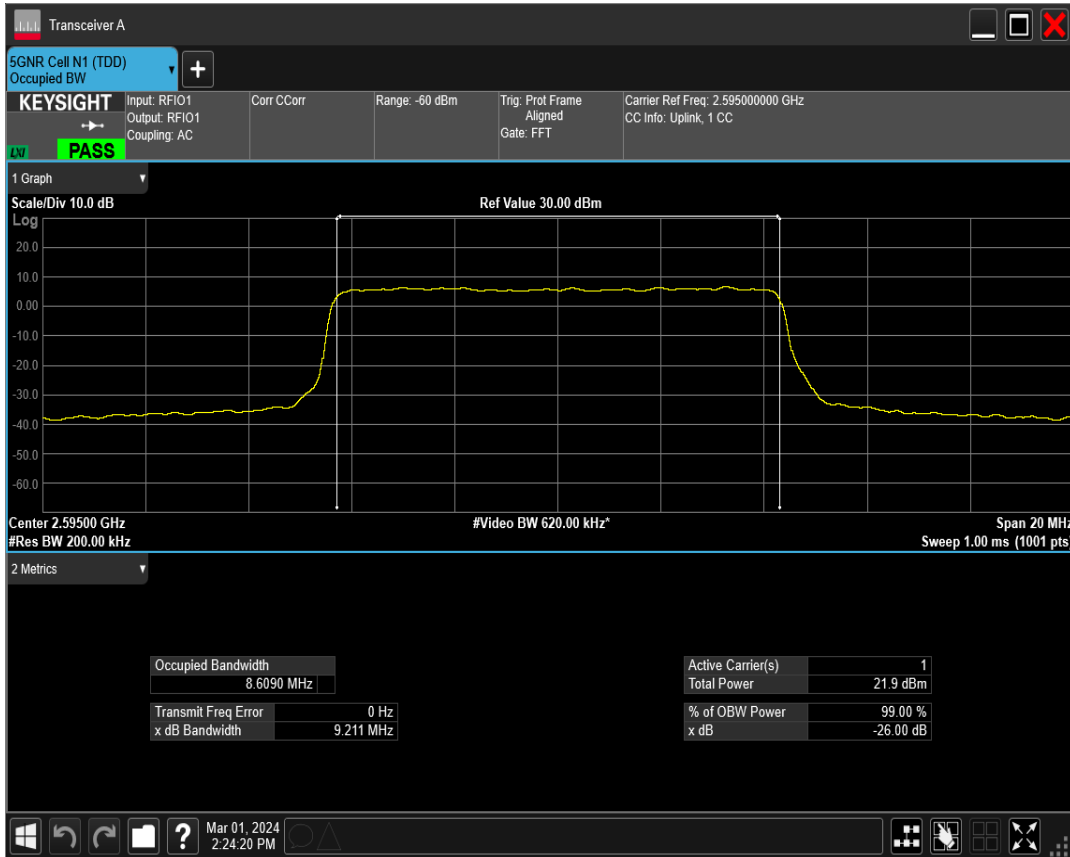
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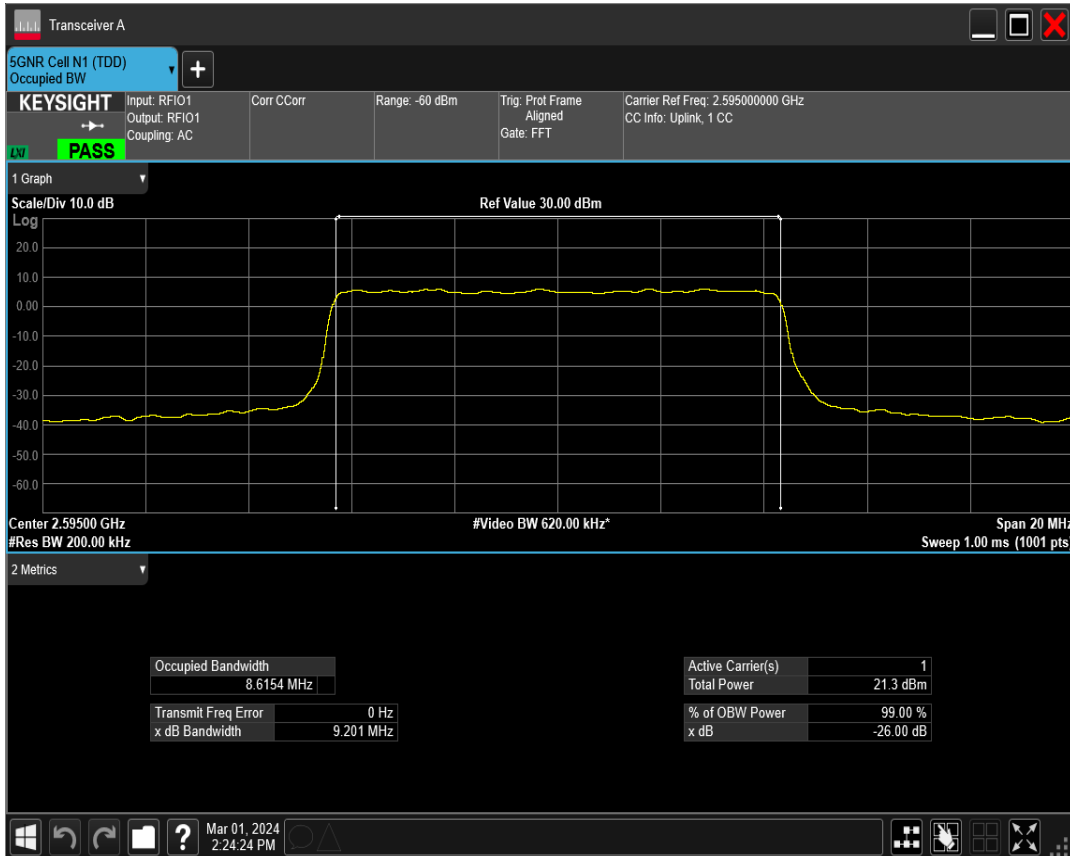
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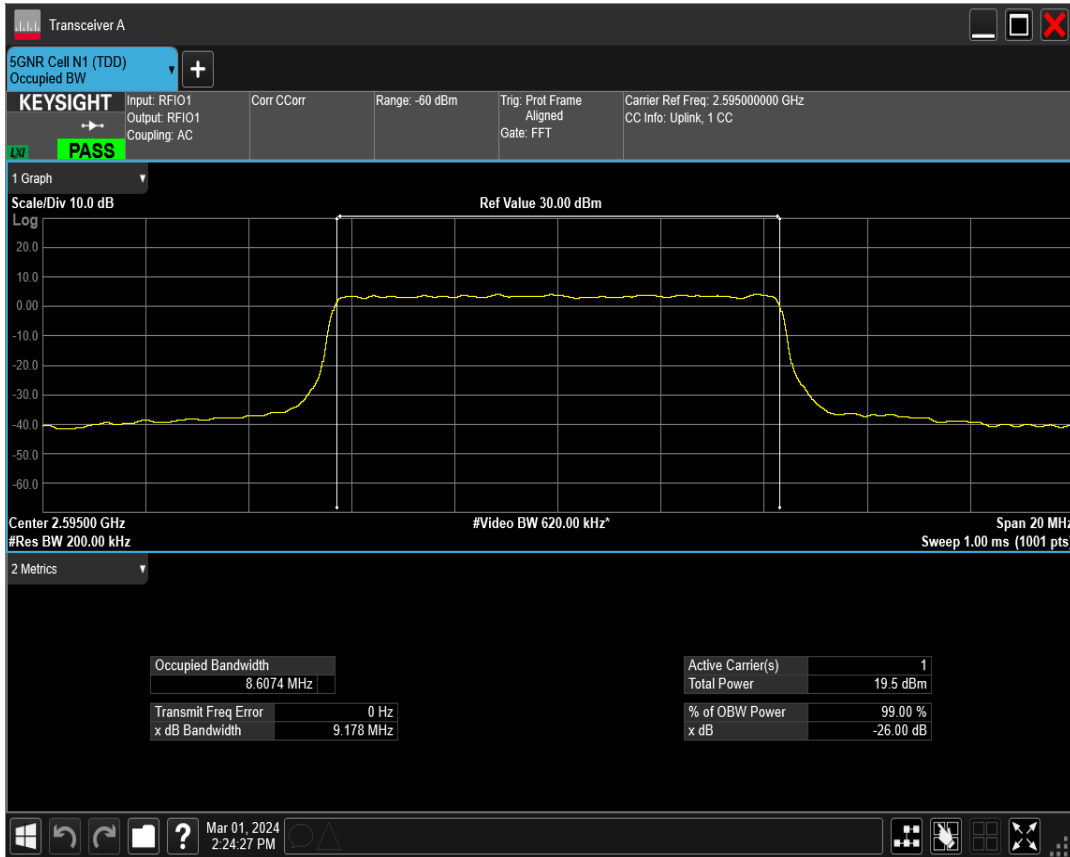
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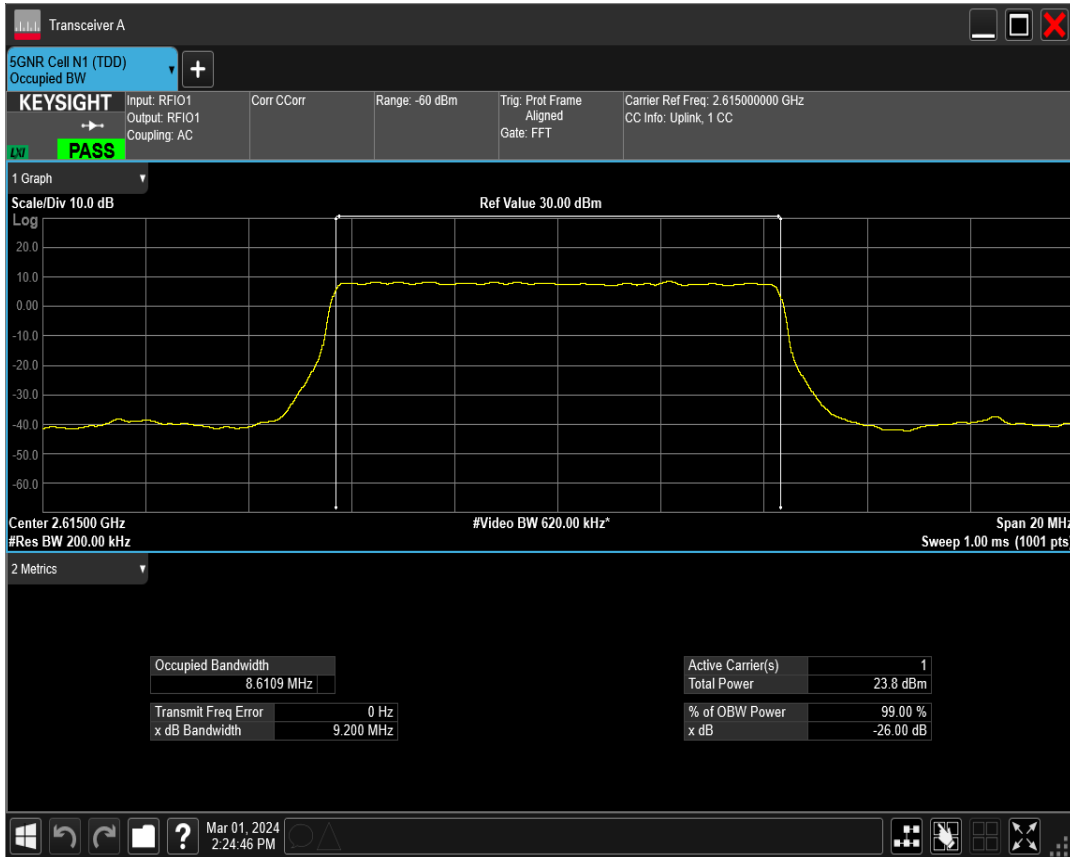
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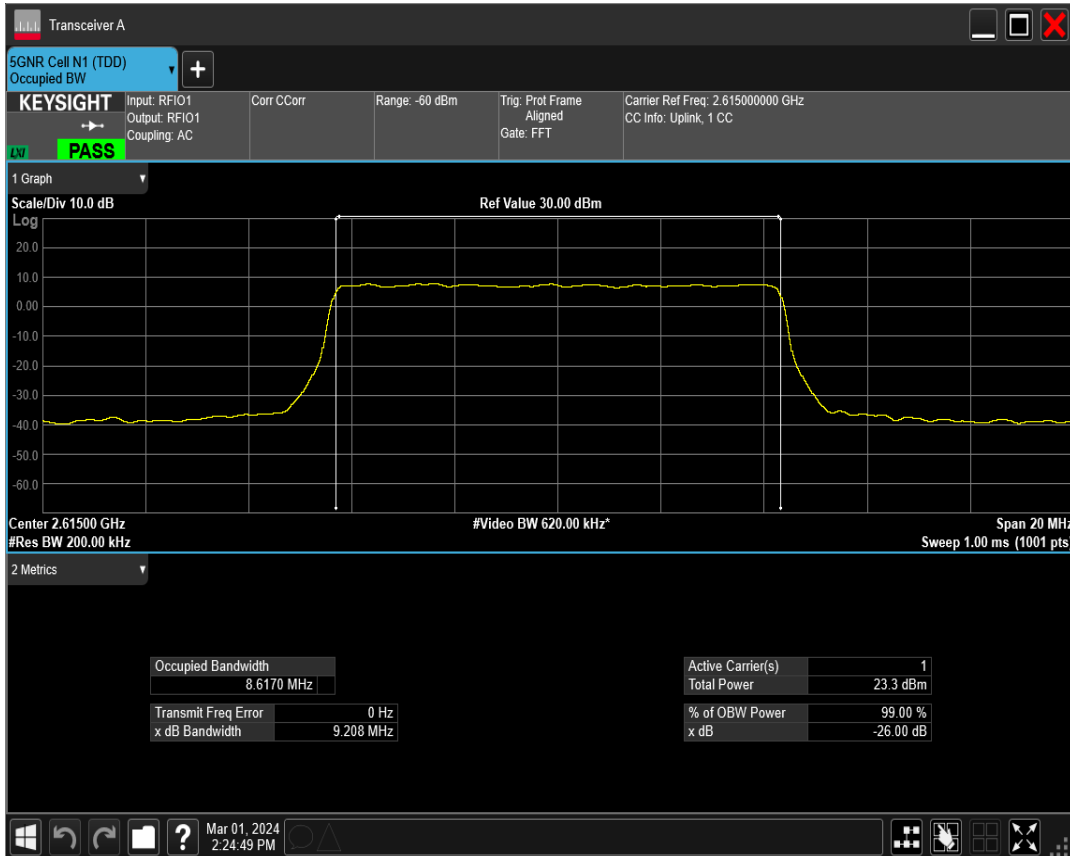
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n38 SCS=30kHz DFT\_BPSK BW=10MHz Channel=523000 RB=24@0

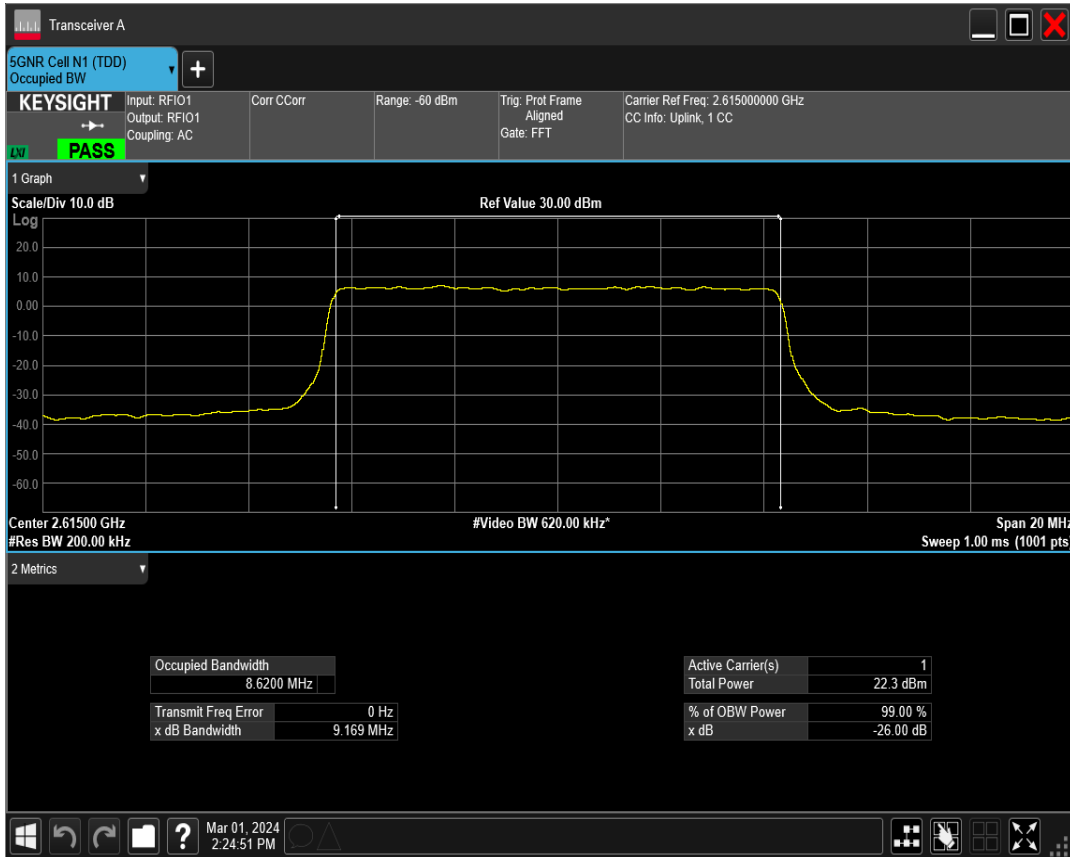


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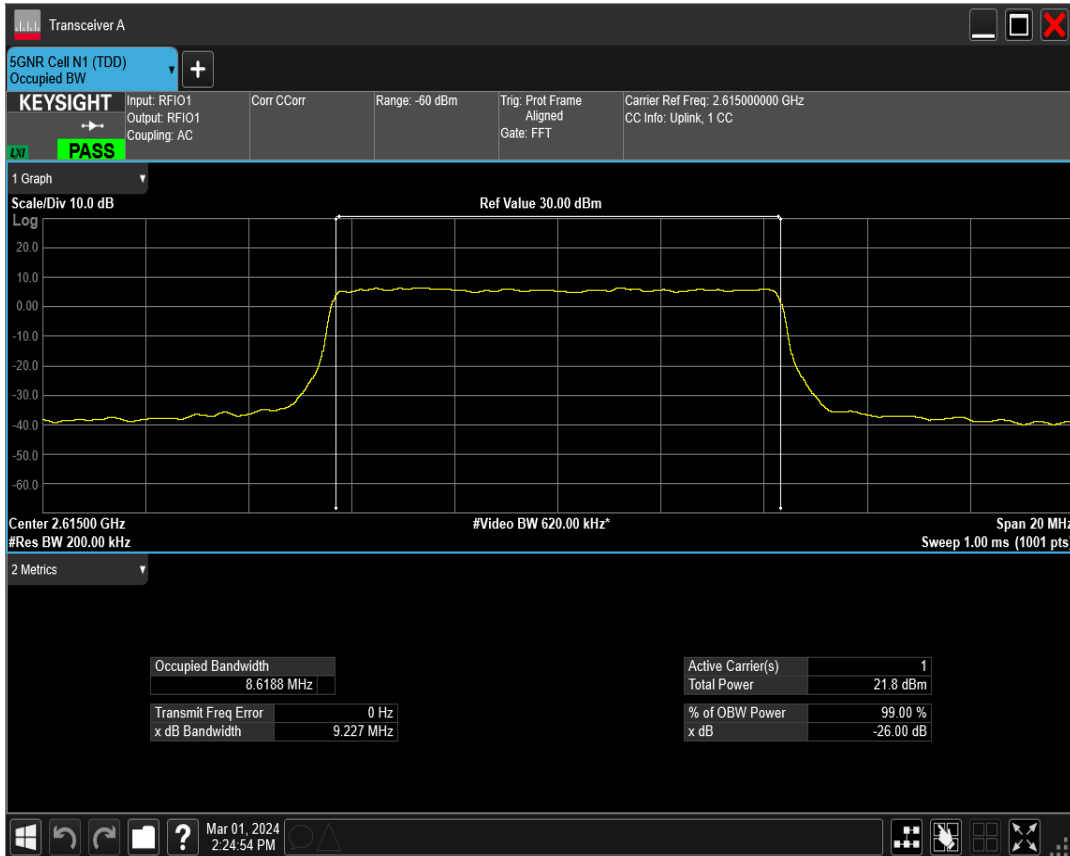




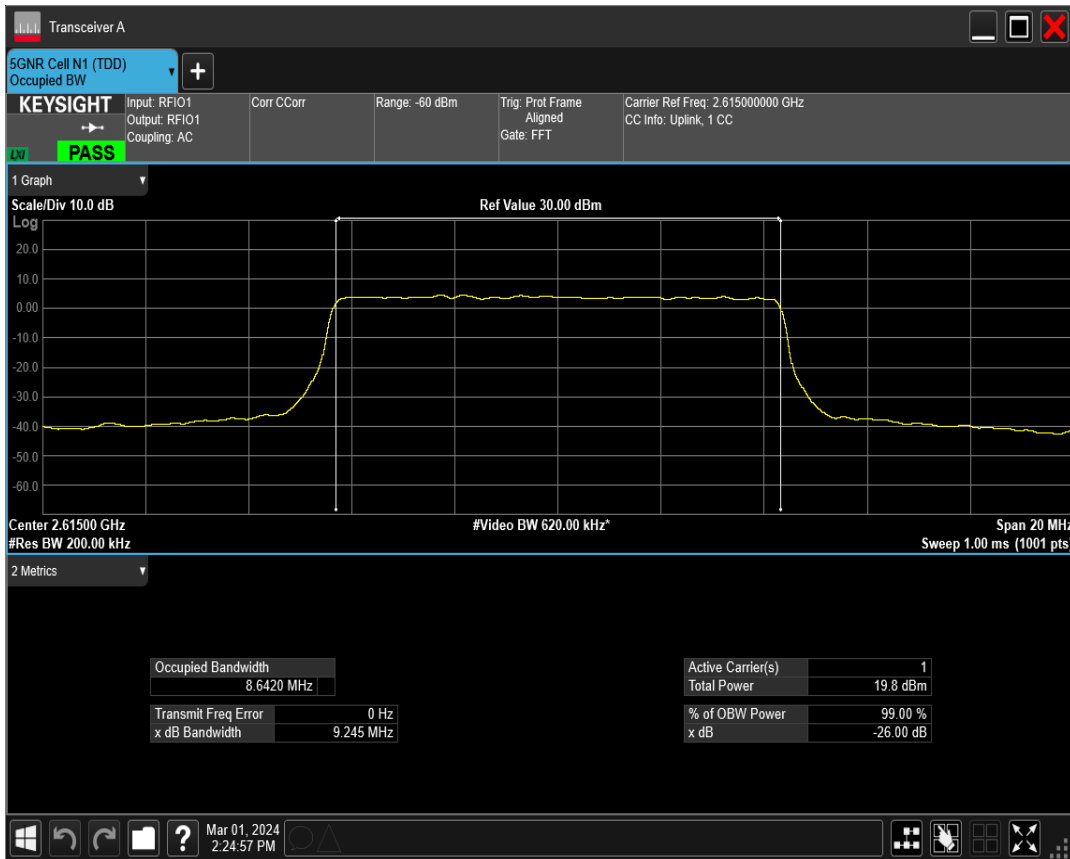
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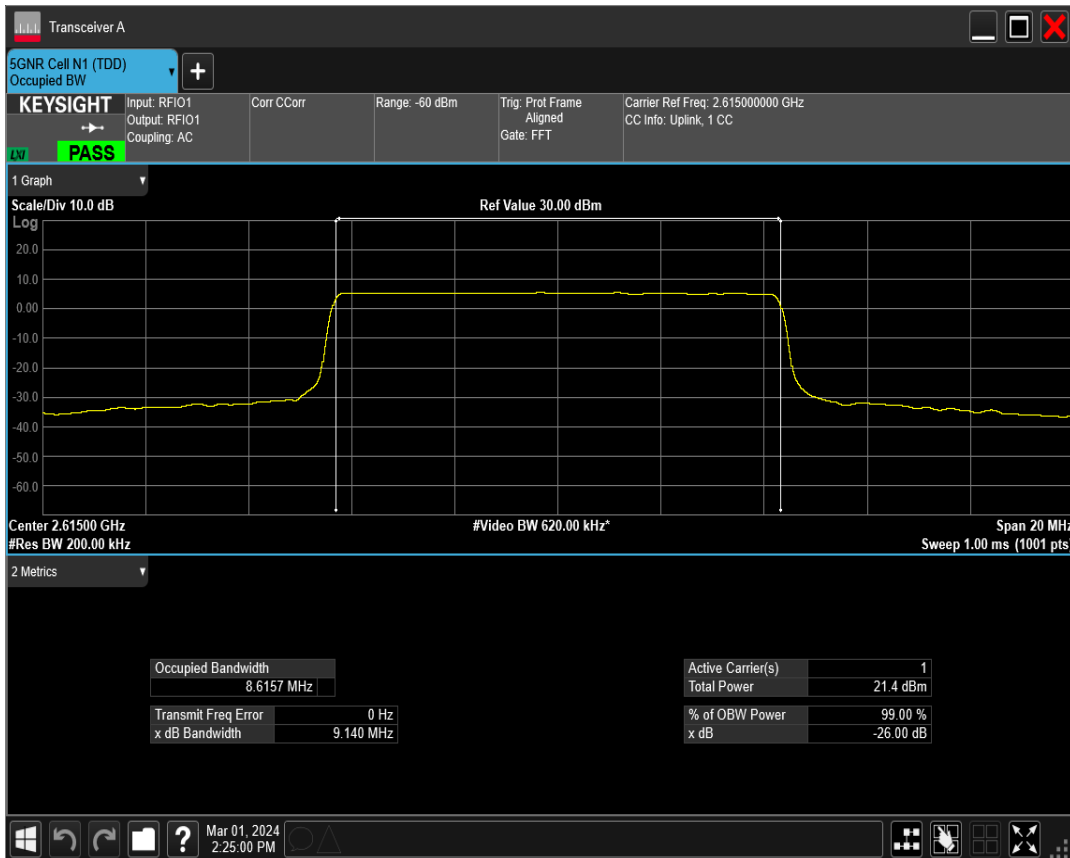
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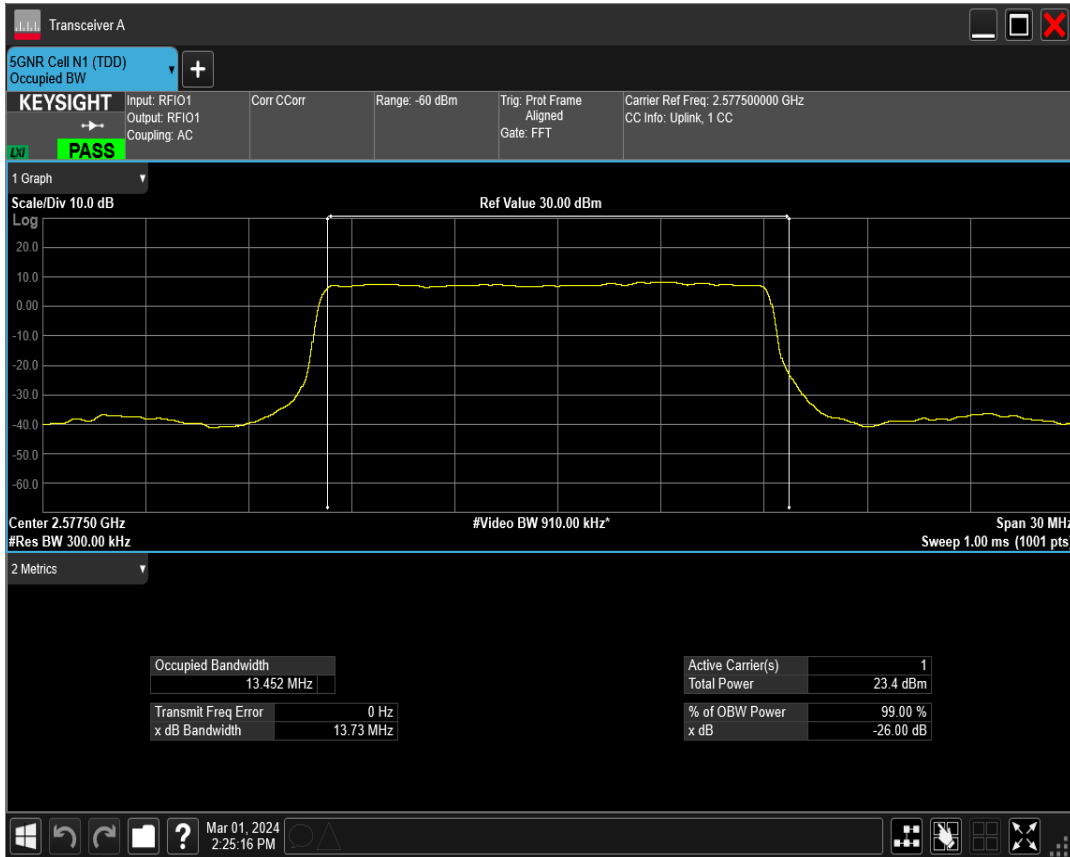
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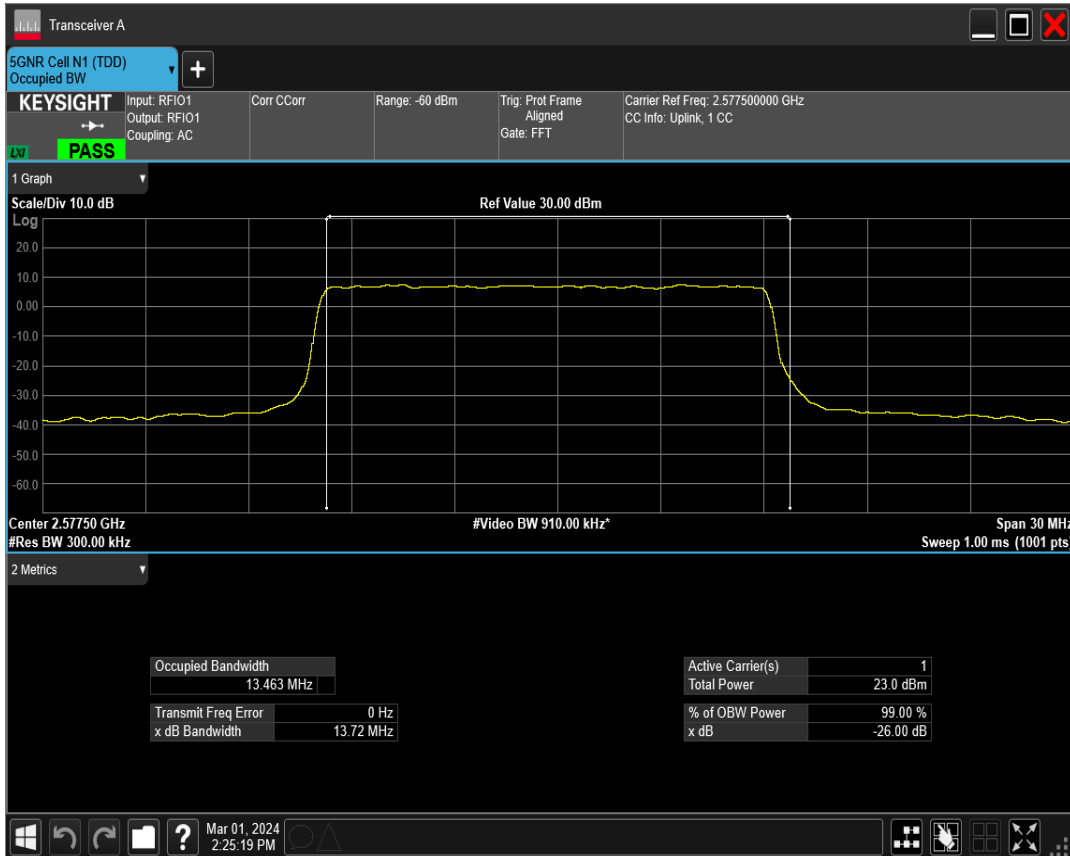
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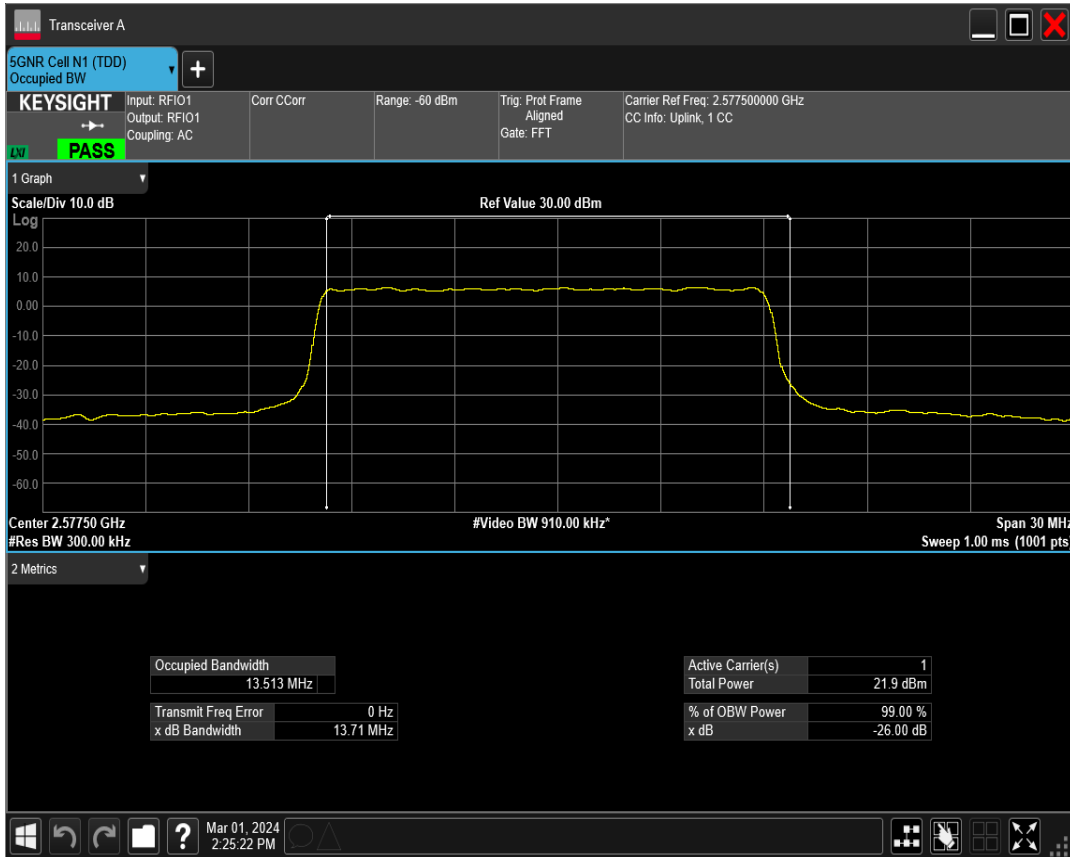
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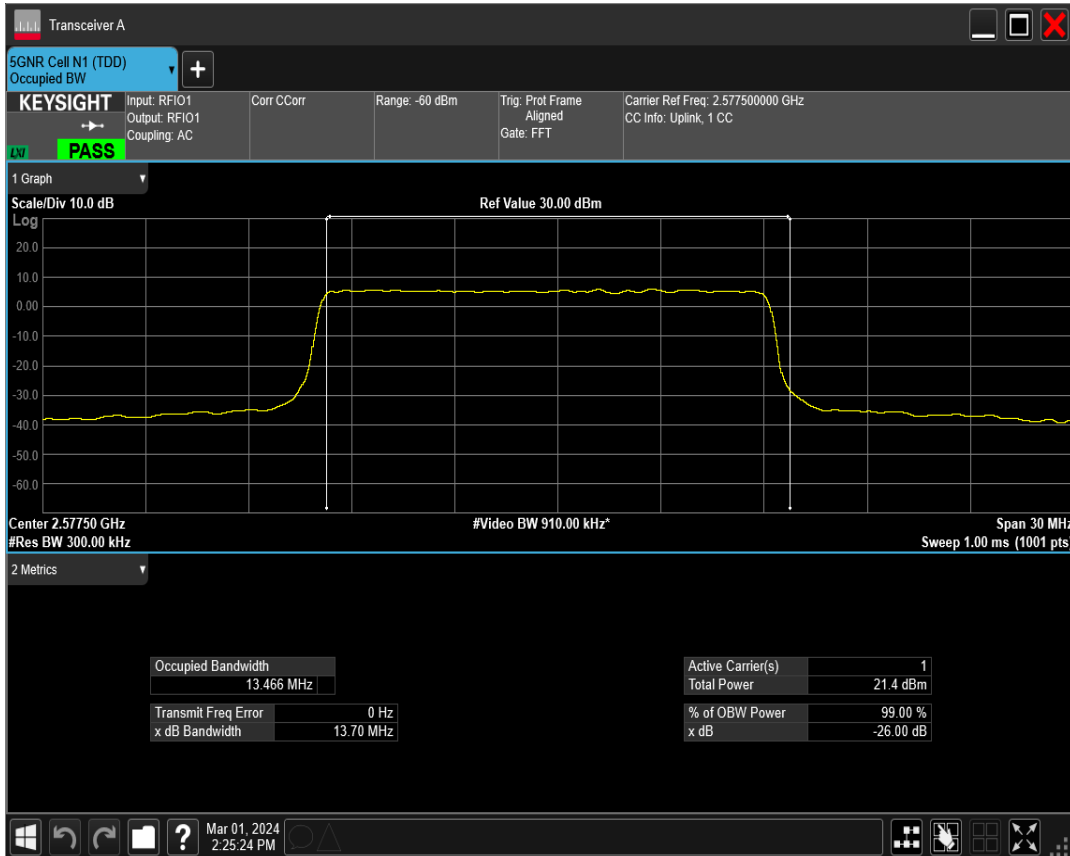
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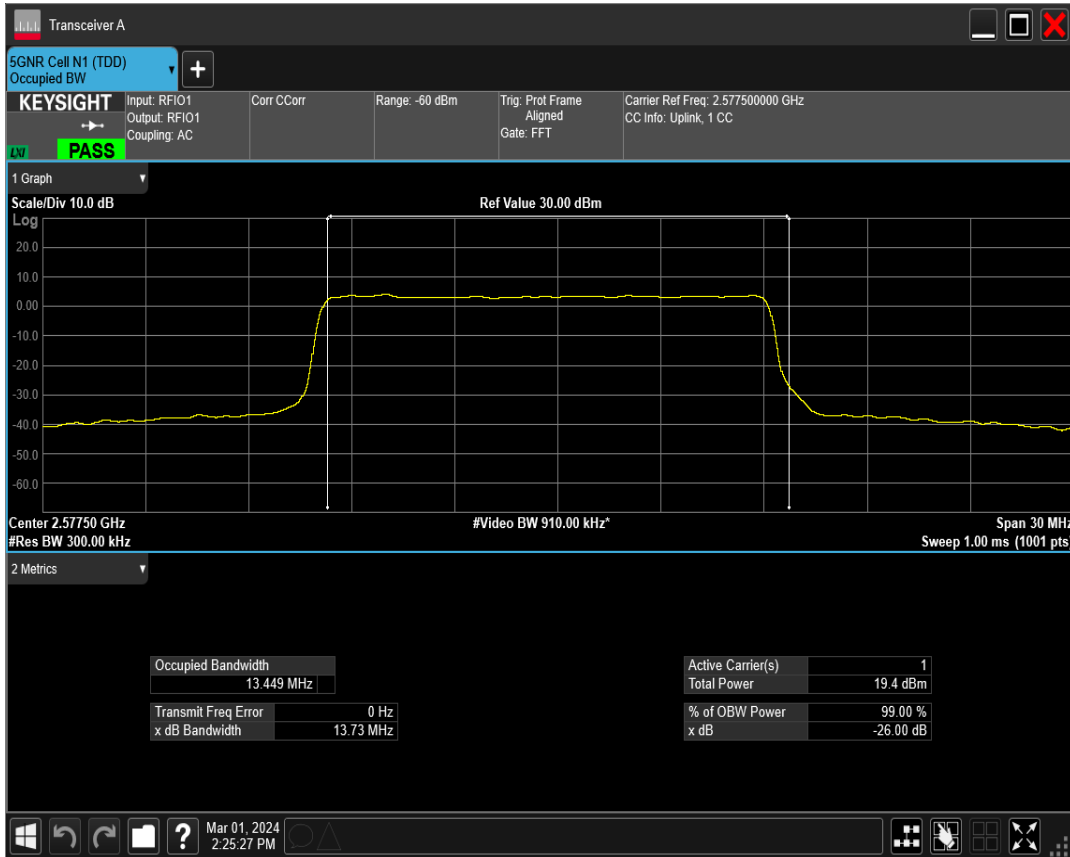
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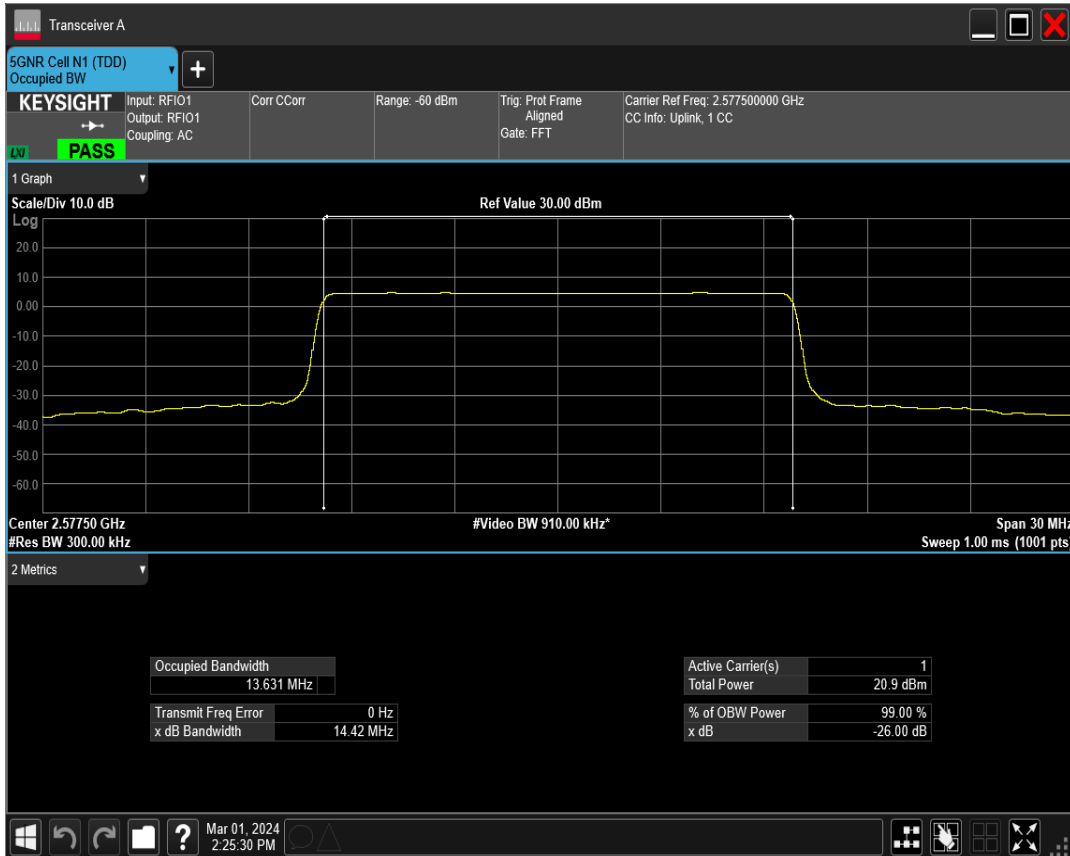
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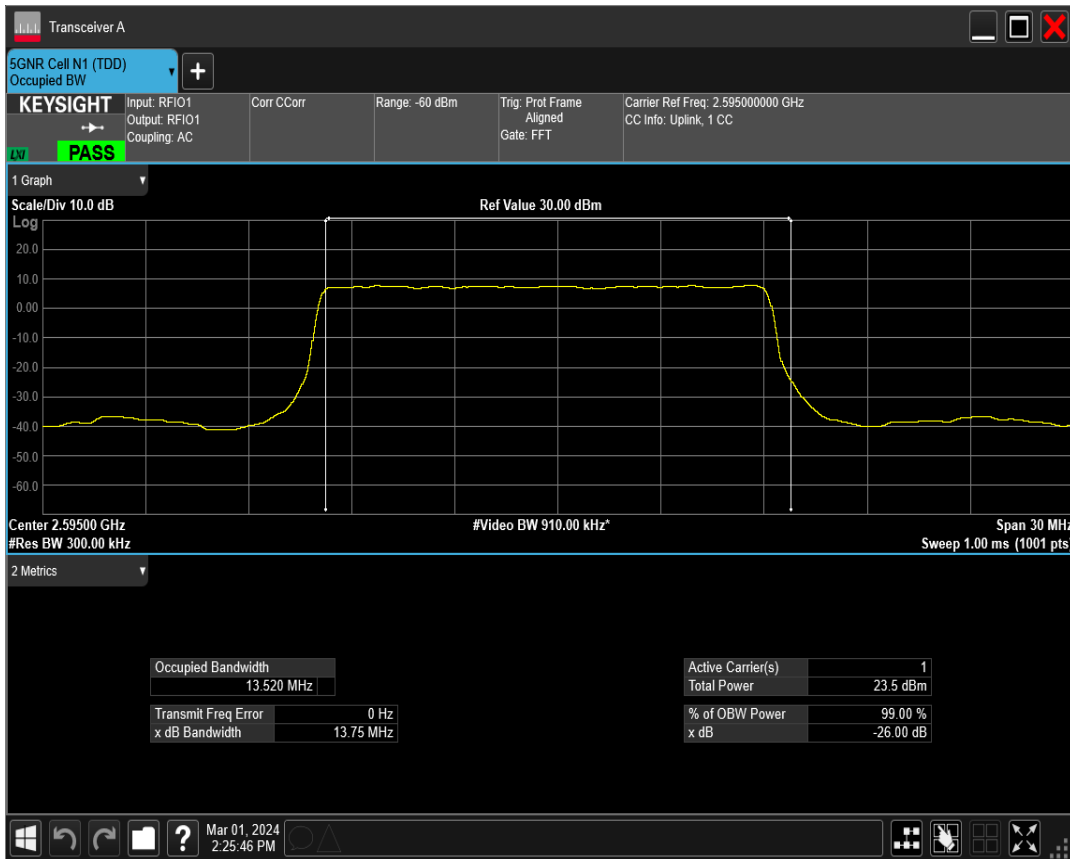
n38 SCS=30kHz DFT\_QAM256 BW=15MHz Channel=515500 RB=36@0



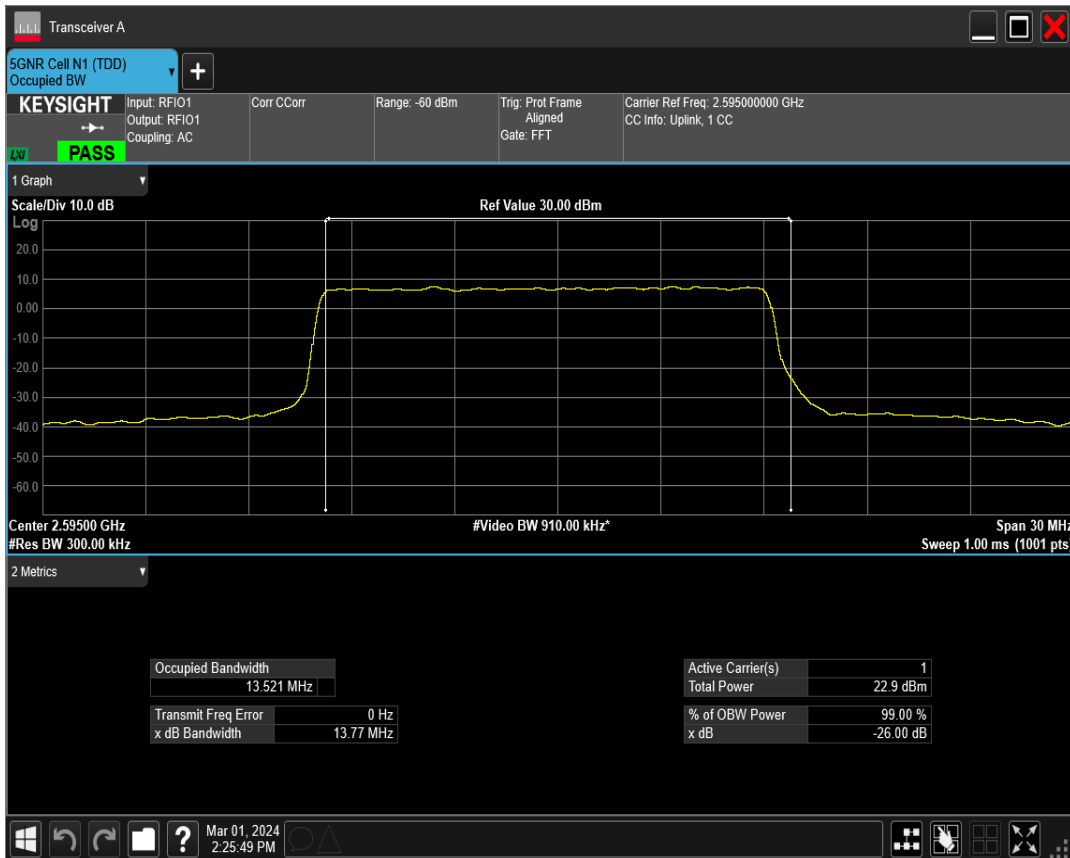
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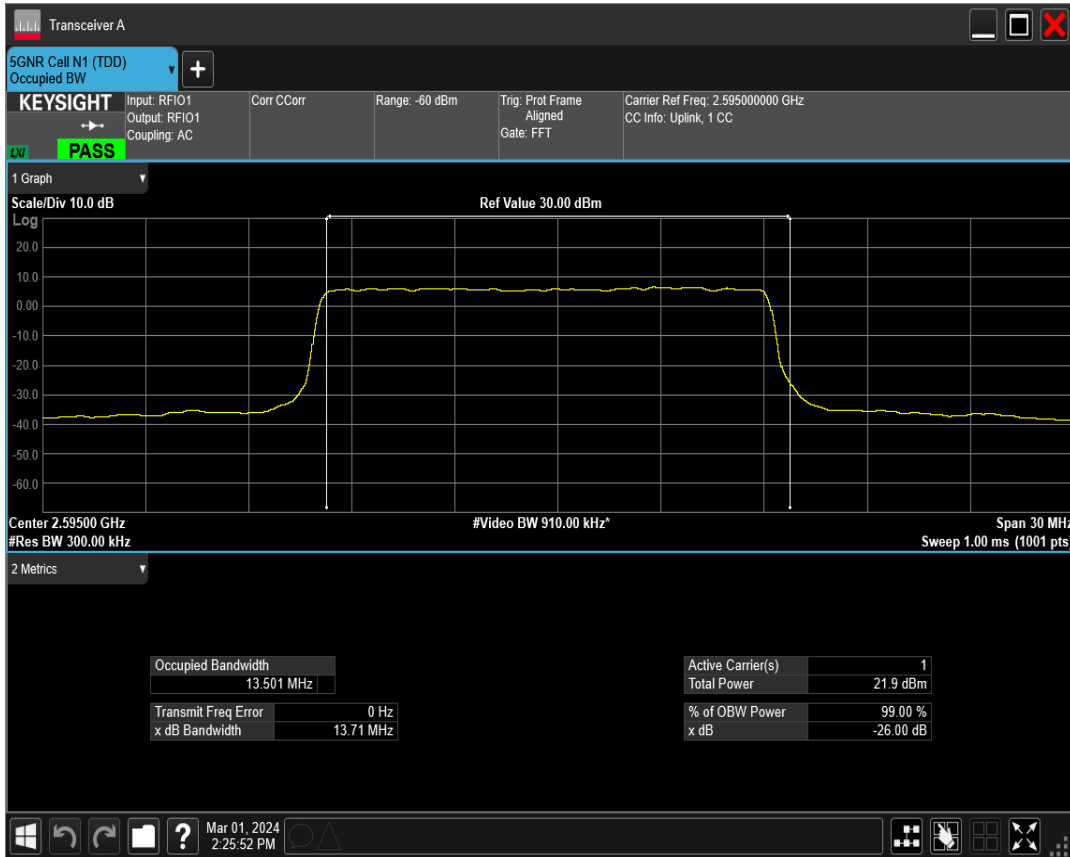
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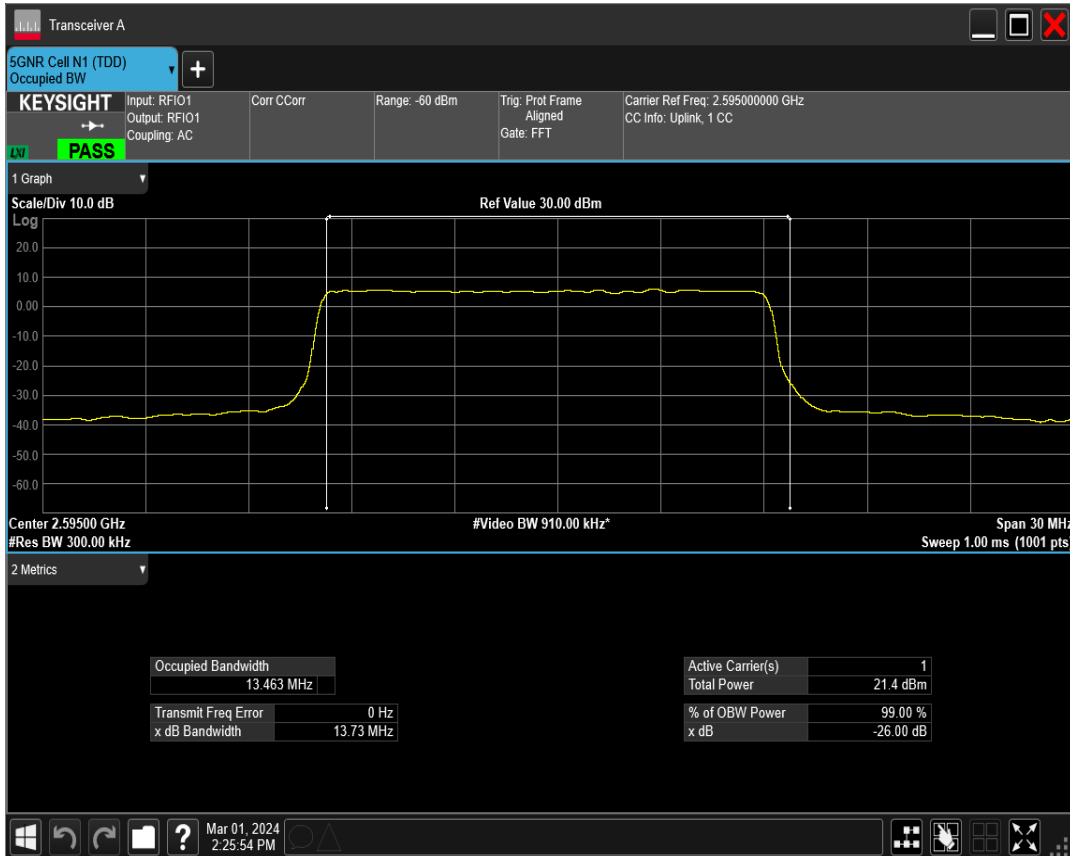
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n38 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=519000 RB=36@0

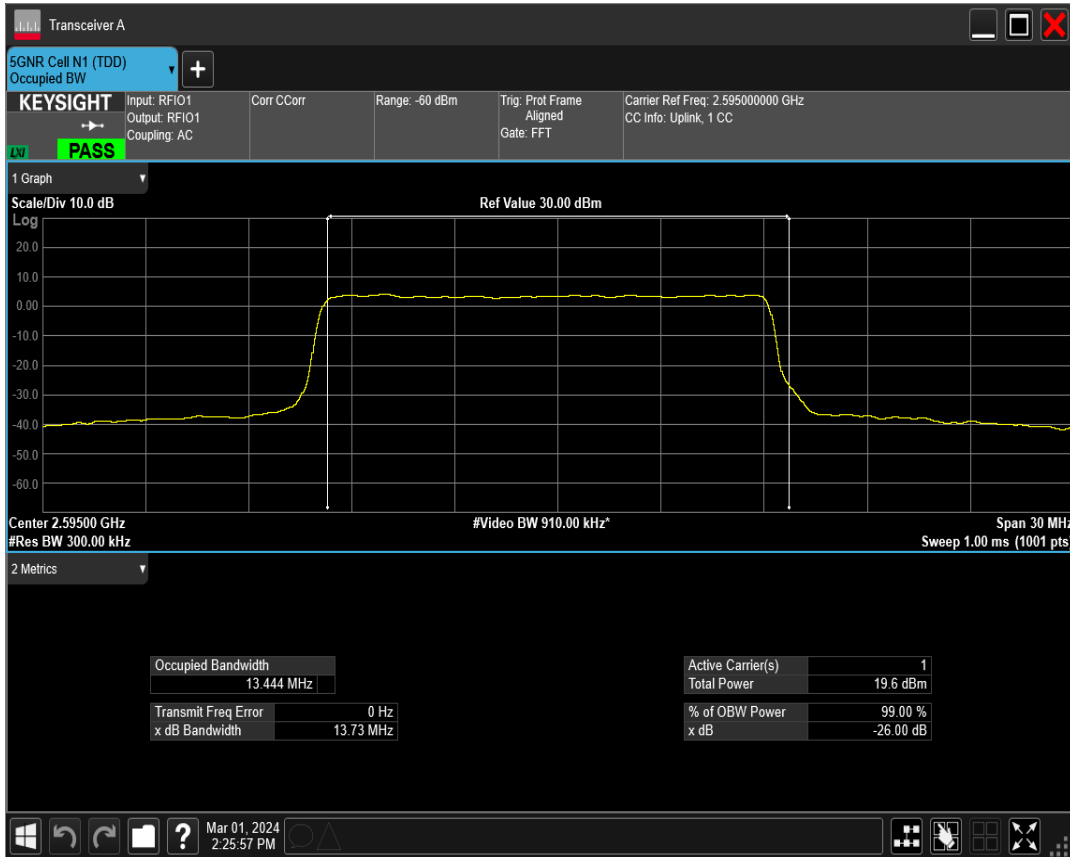


n38 SCS=30kHz DFT\_QAM64 BW=15MHz Channel=519000 RB=36@0

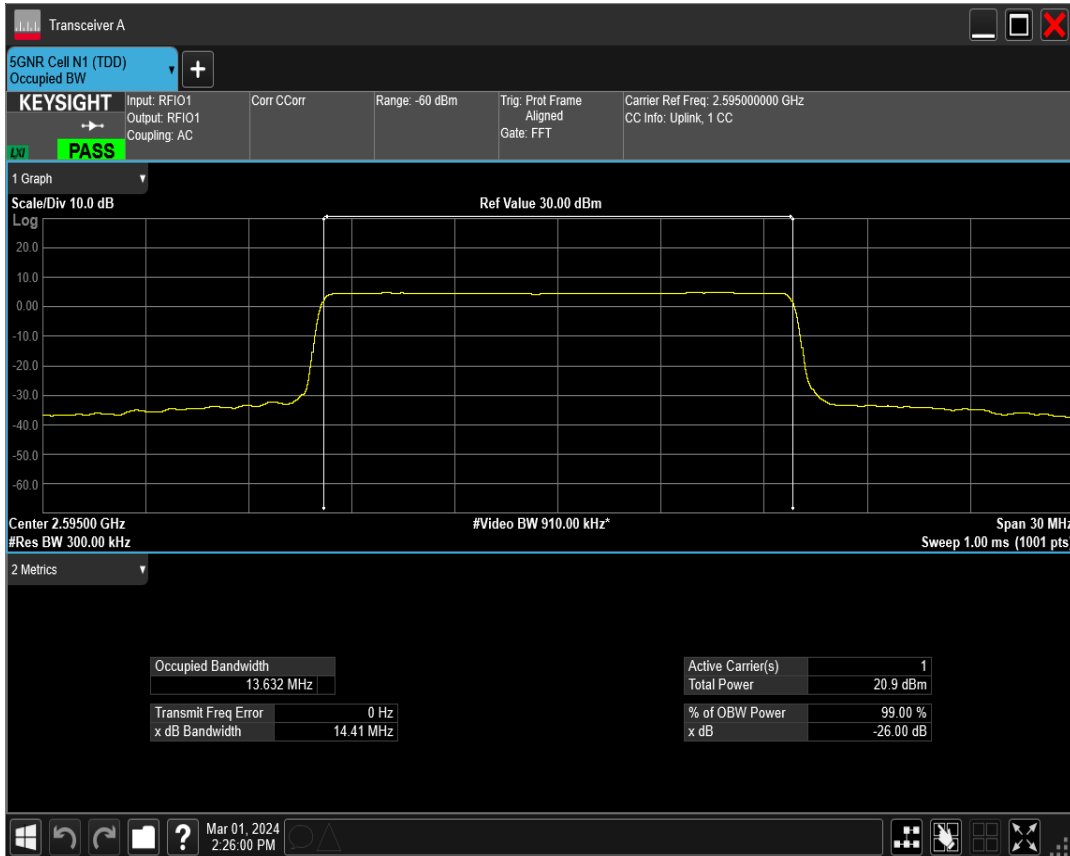




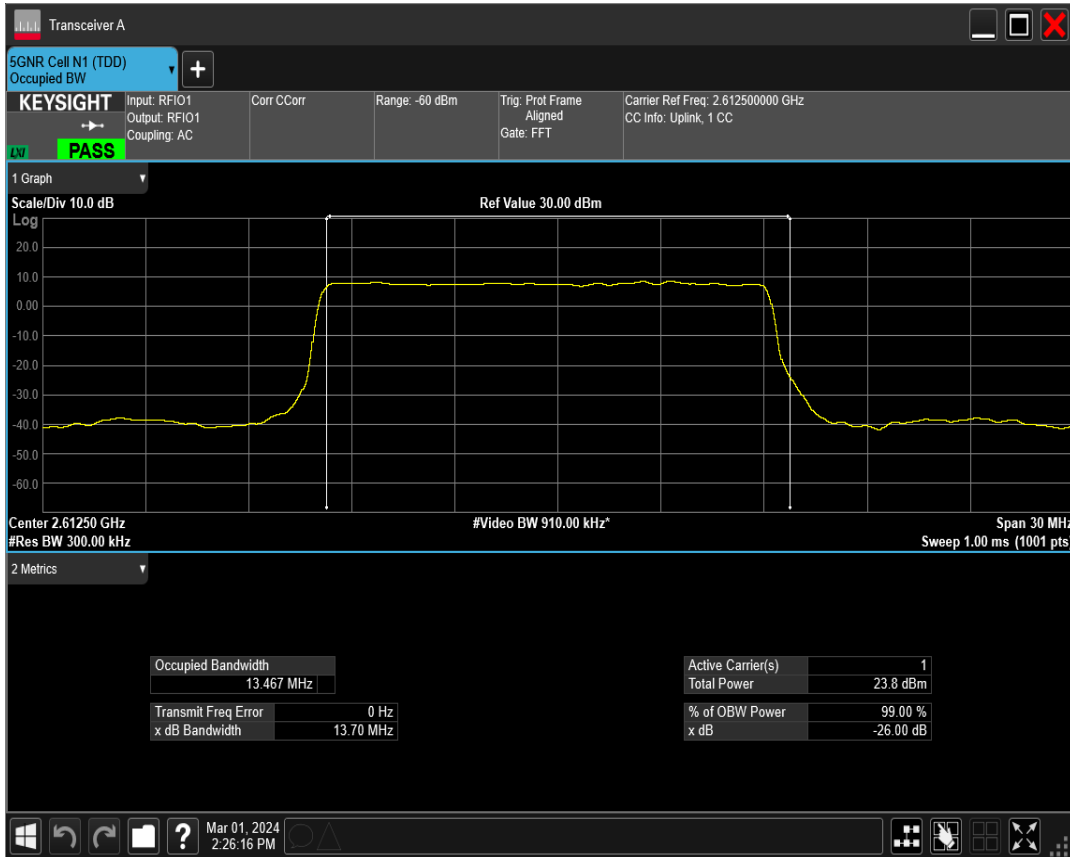
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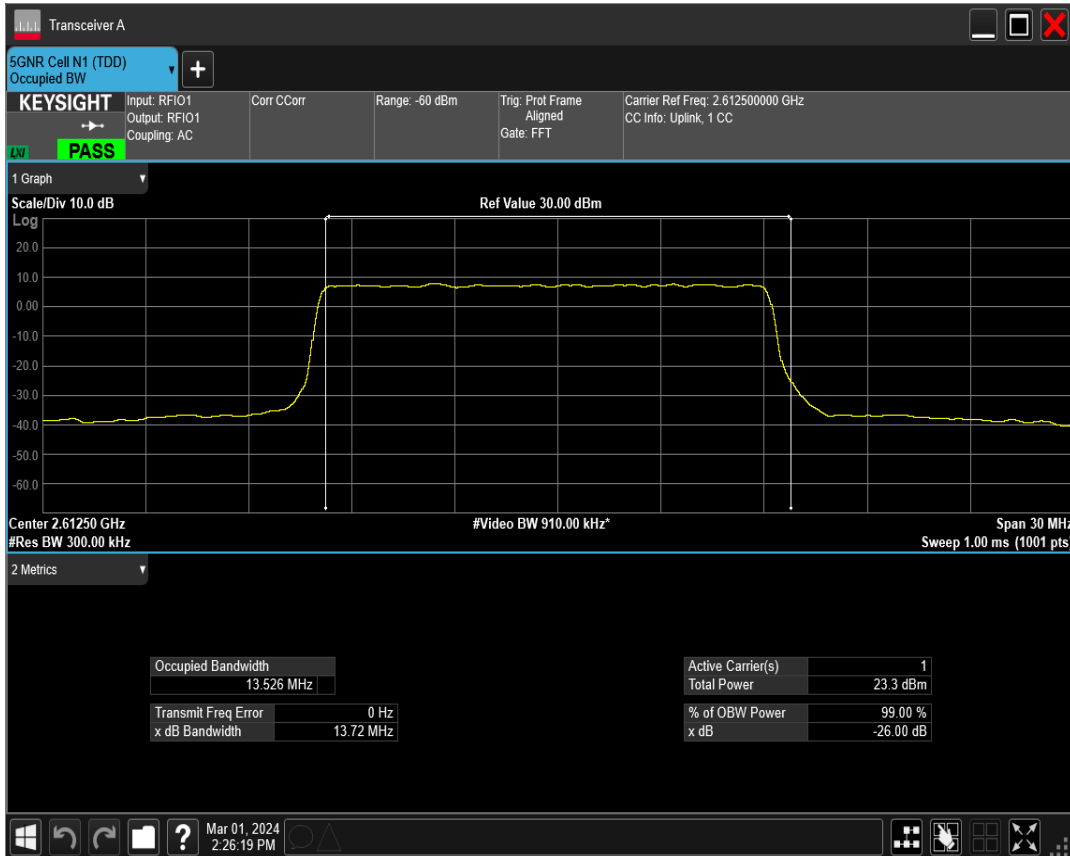
n38 SCS=30kHz CP\_QPSK BW=15MHz Channel=519000 RB=38@0



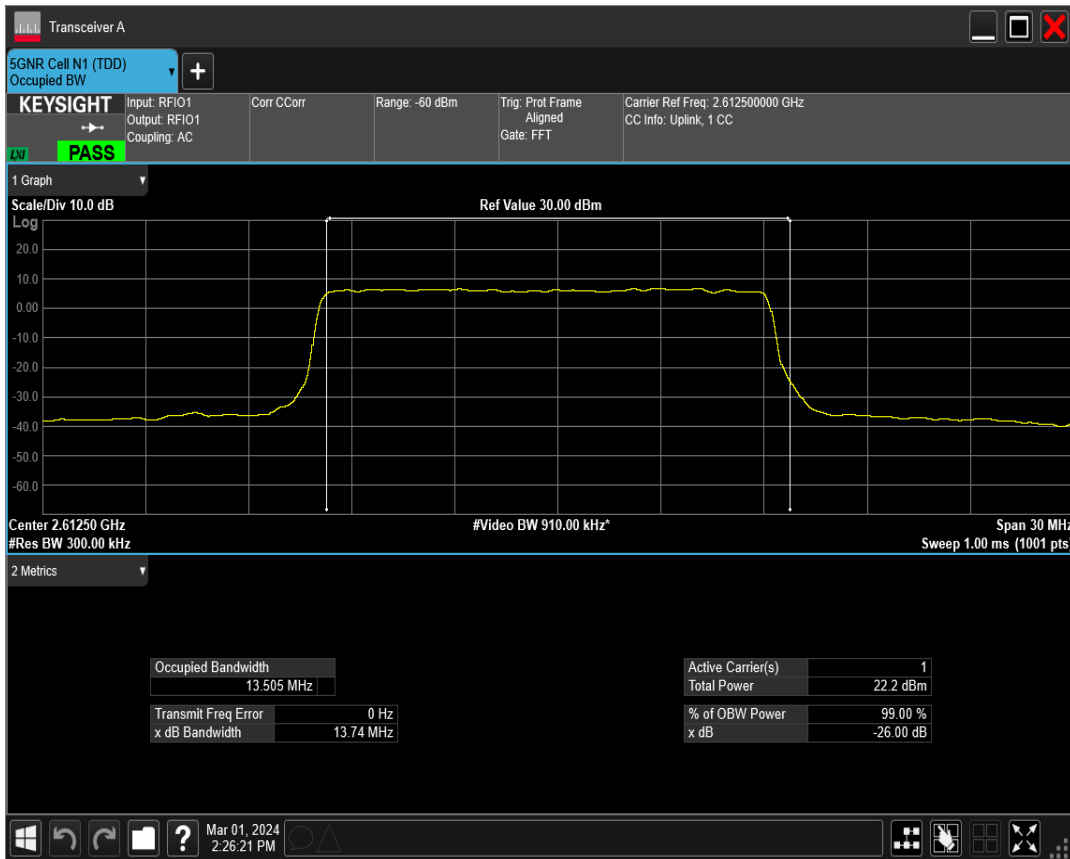
n38 SCS=30kHz DFT\_BPSK BW=15MHz Channel=522500 RB=36@0



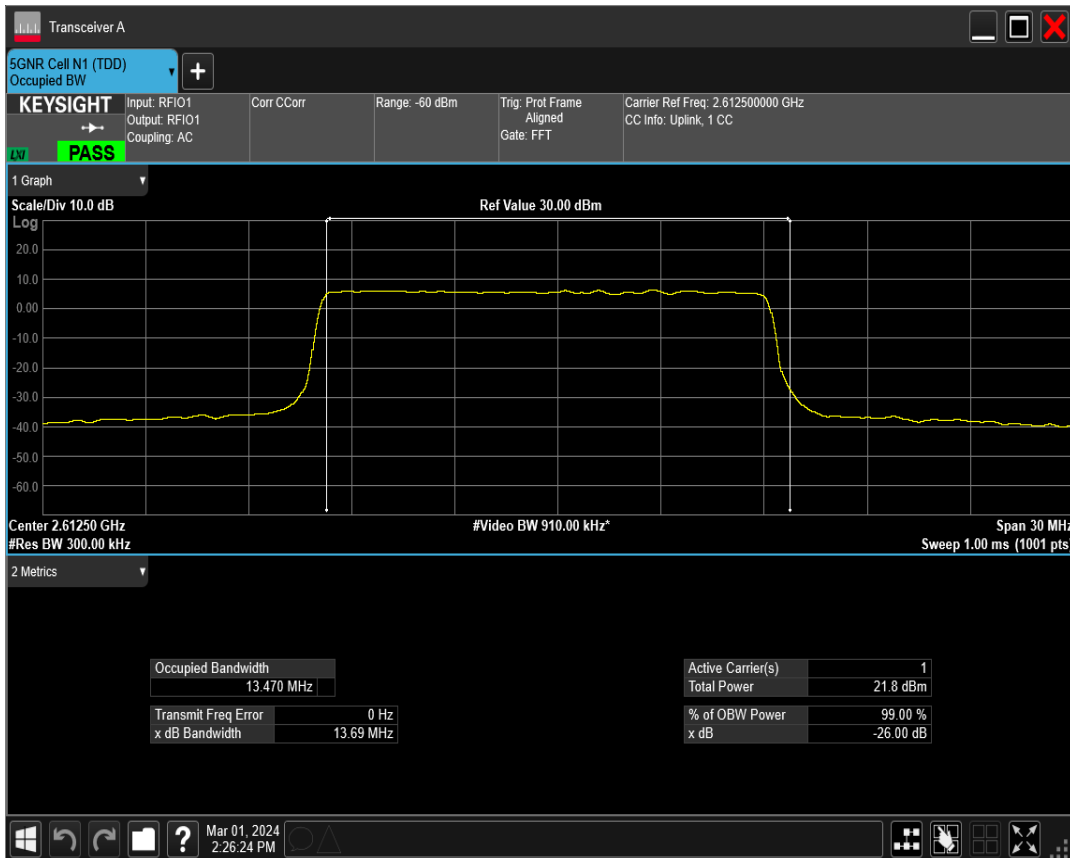
n38 SCS=30kHz DFT\_QPSK BW=15MHz Channel=522500 RB=36@0



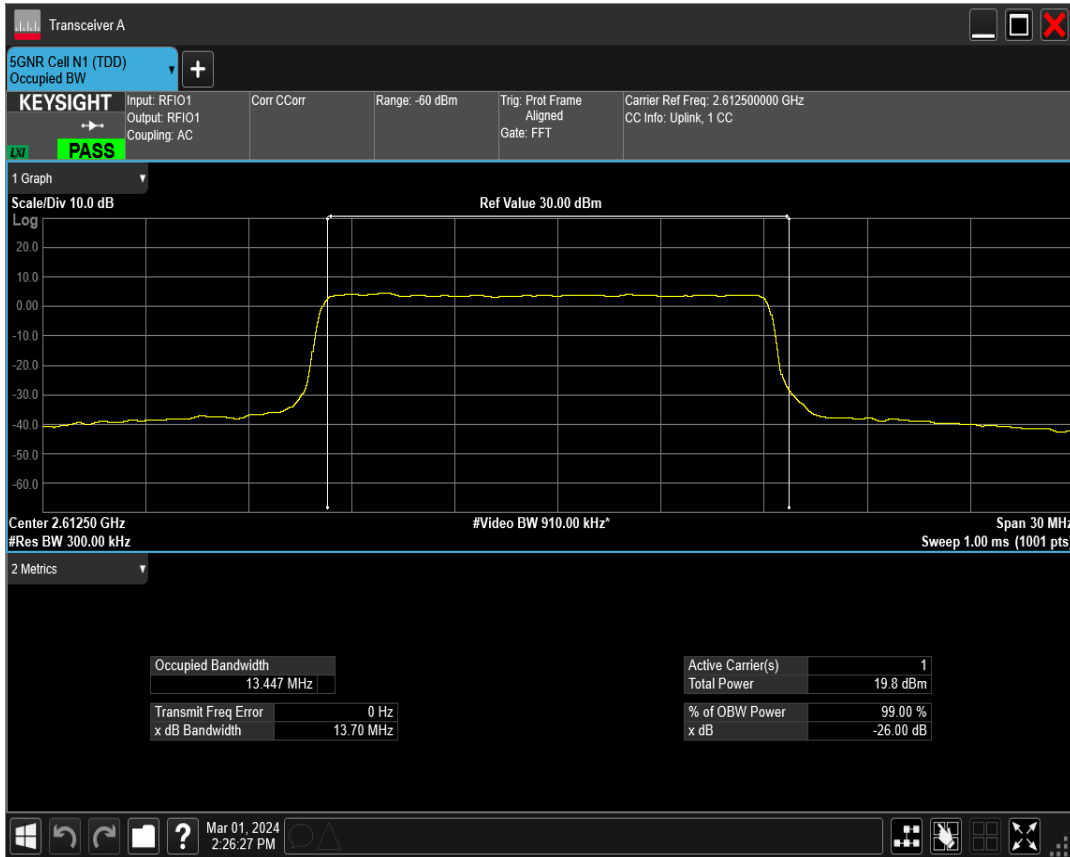
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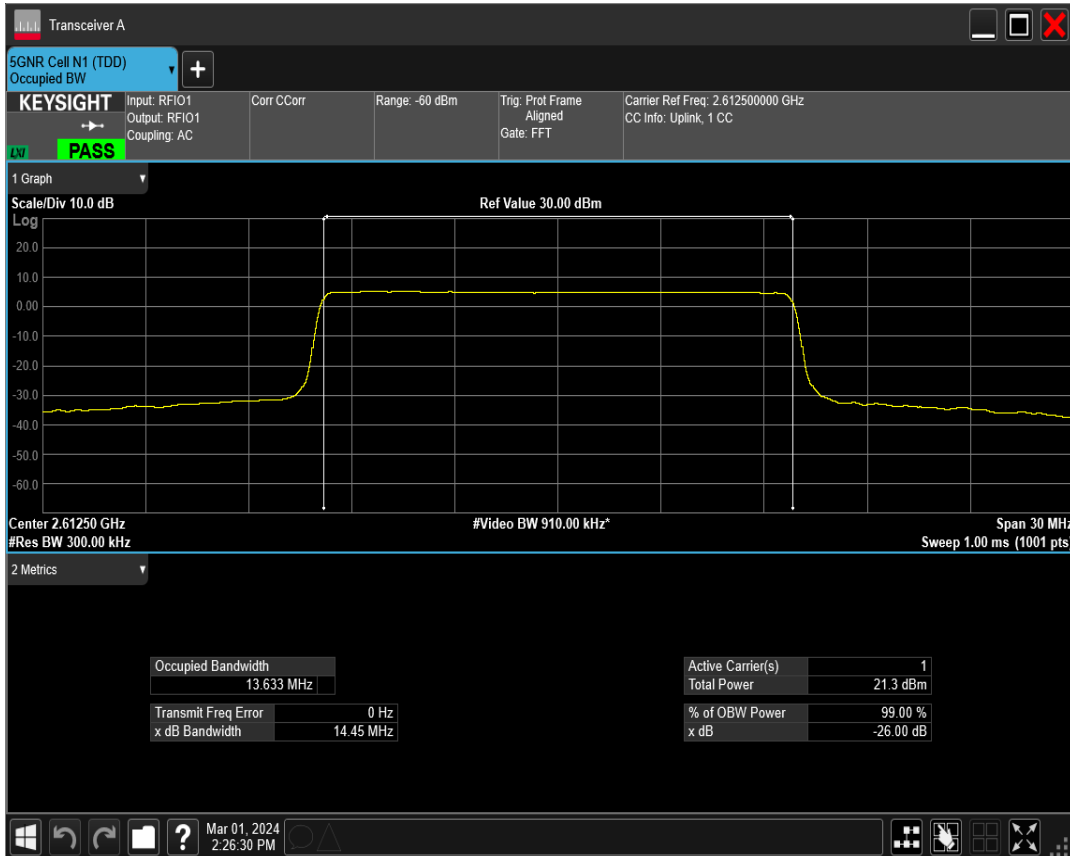
n38 SCS=30kHz DFT\_QAM64 BW=15MHz Channel=522500 RB=36@0



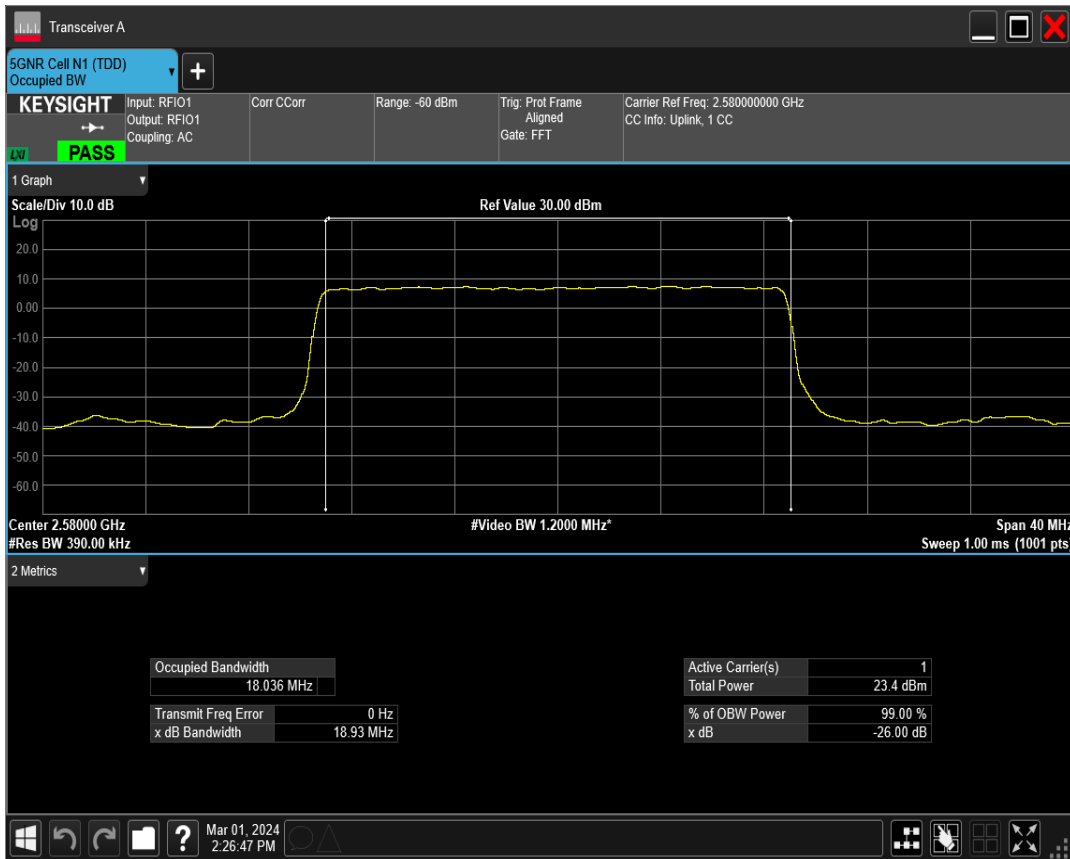
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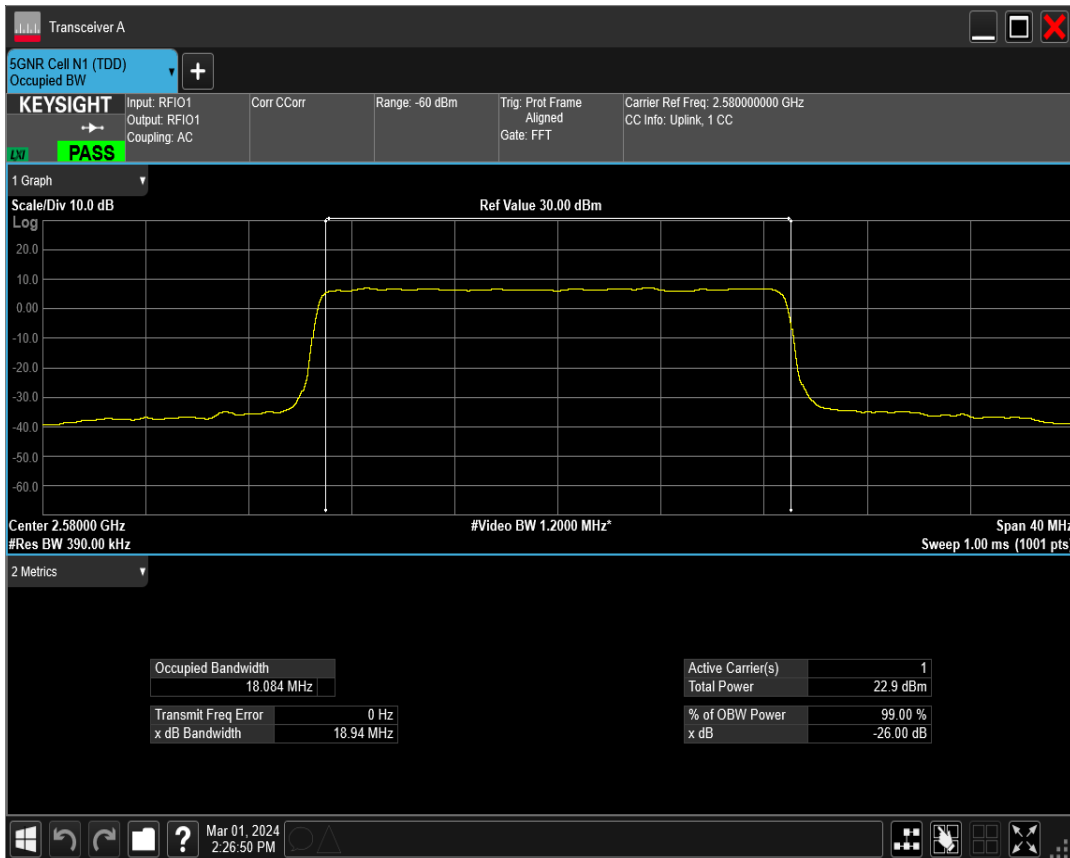
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n38 SCS=30kHz DFT\_BPSK BW=20MHz Channel=516000 RB=50@0



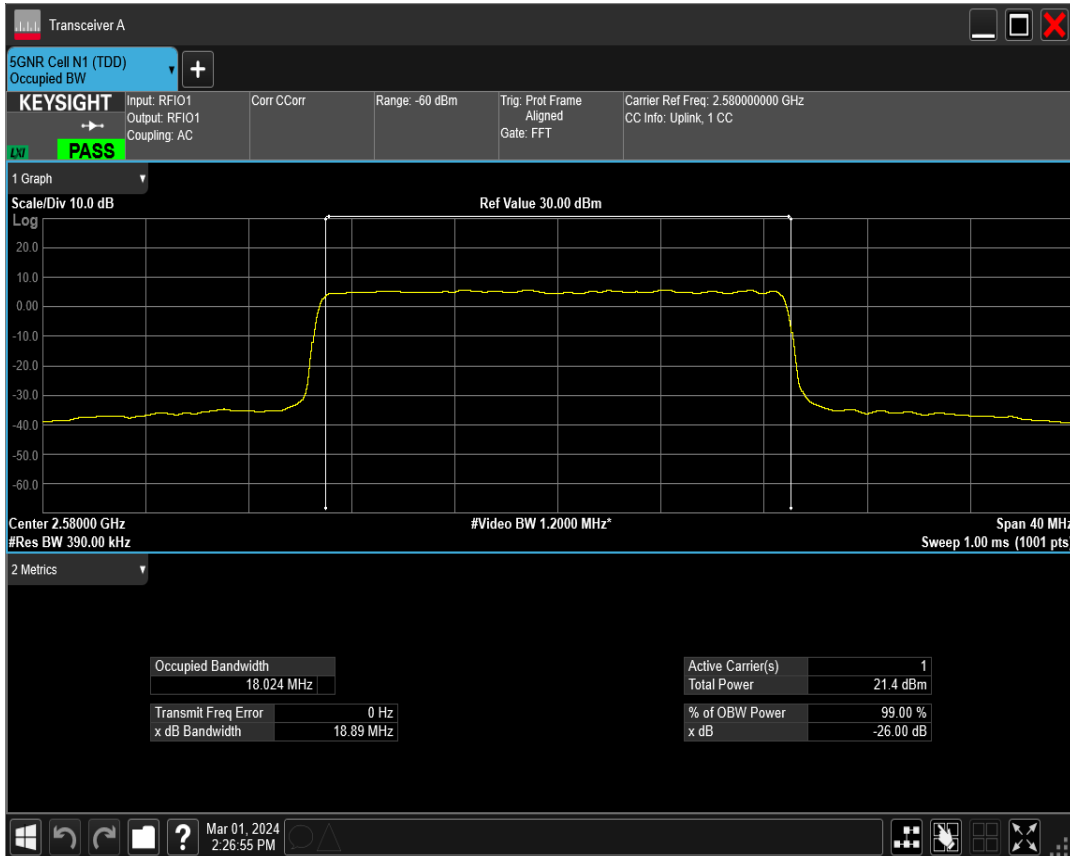
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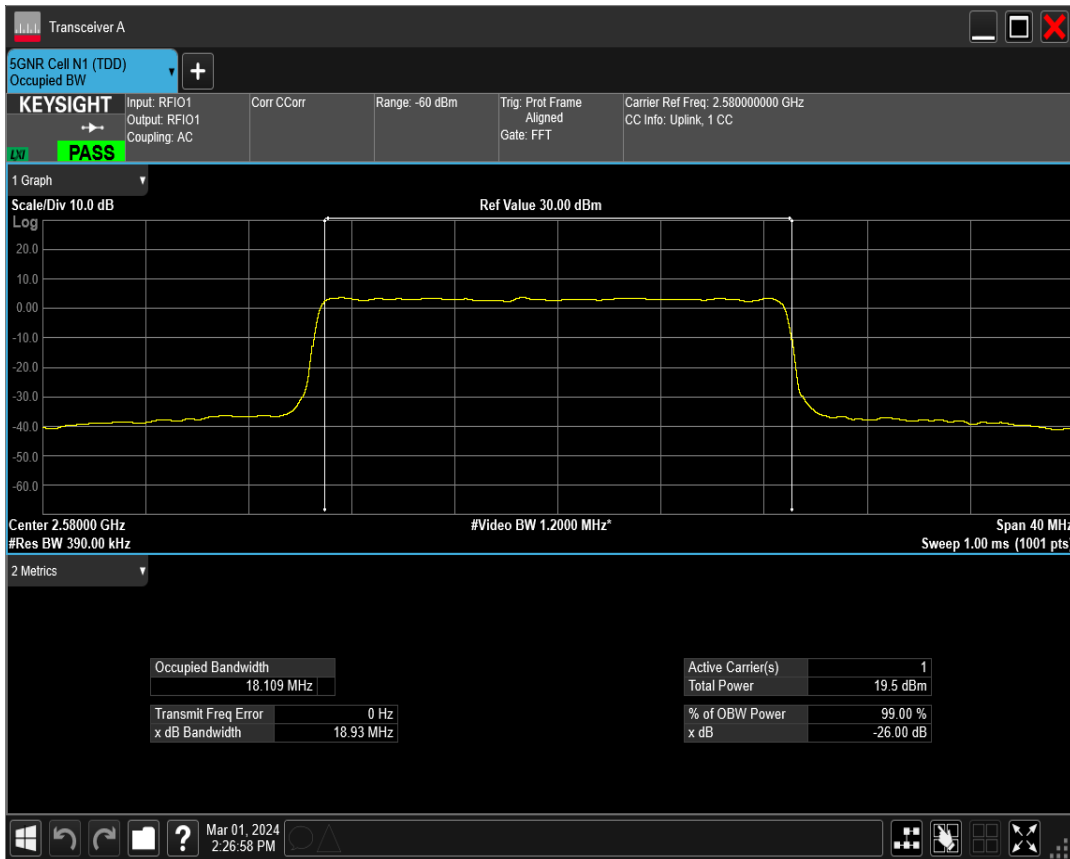
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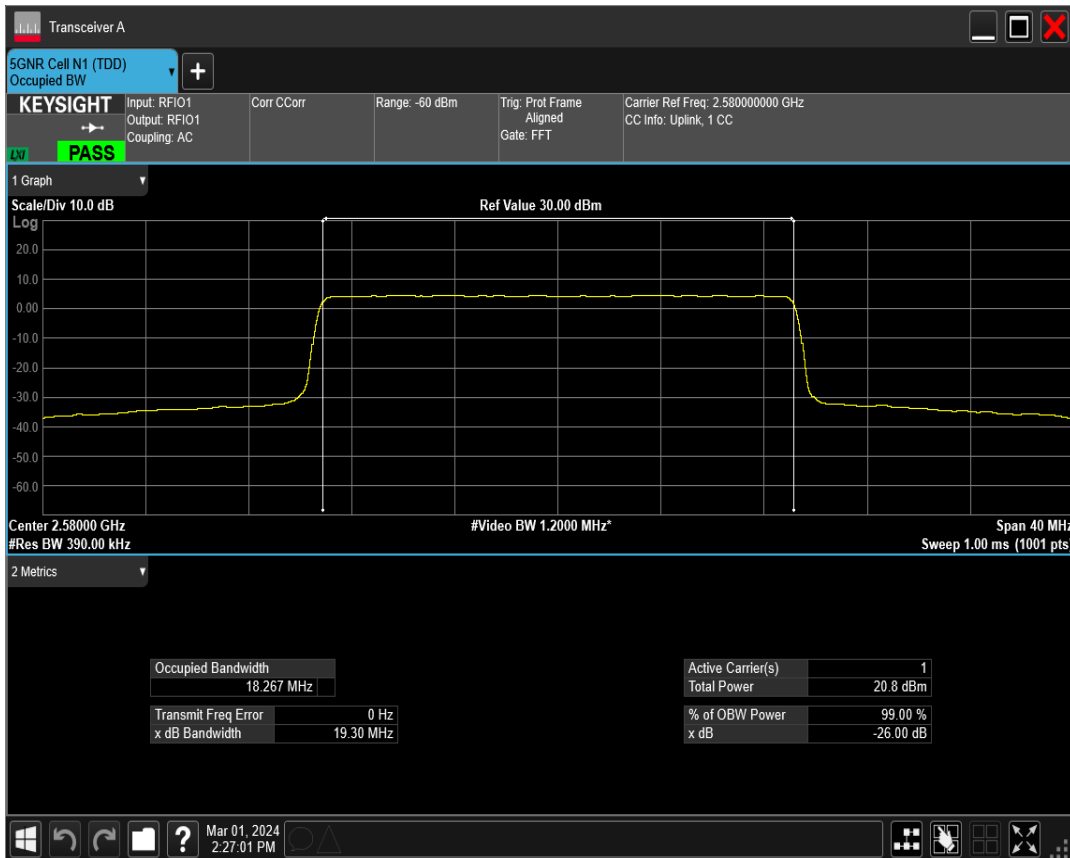
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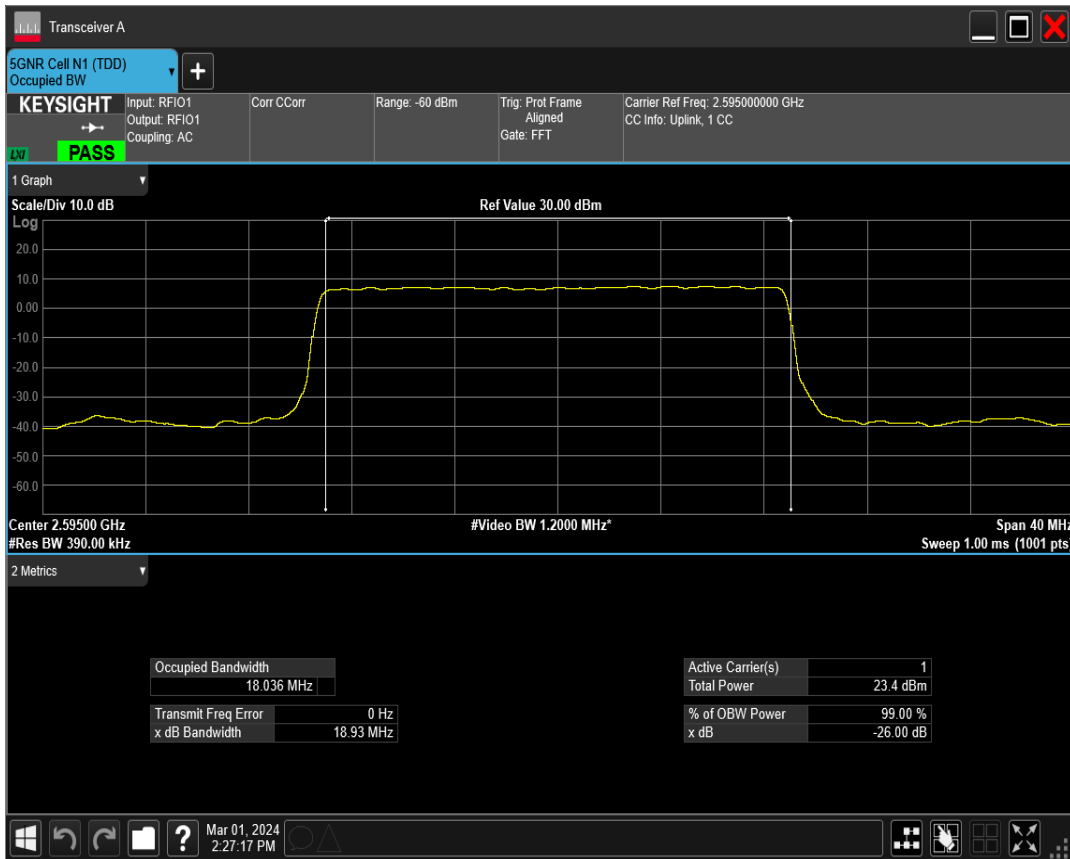
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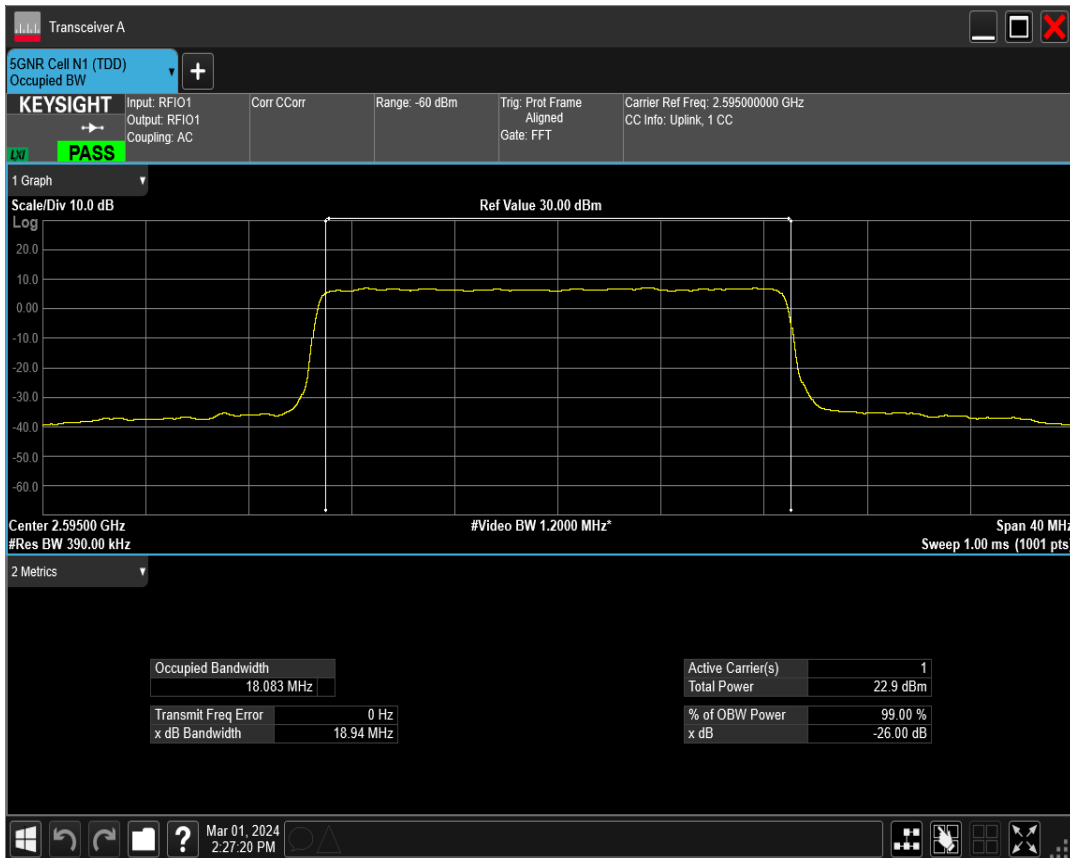
n38 SCS=30kHz CP\_QPSK BW=20MHz Channel=516000 RB=51@0



n38 SCS=30kHz DFT\_BPSK BW=20MHz Channel=519000 RB=50@0

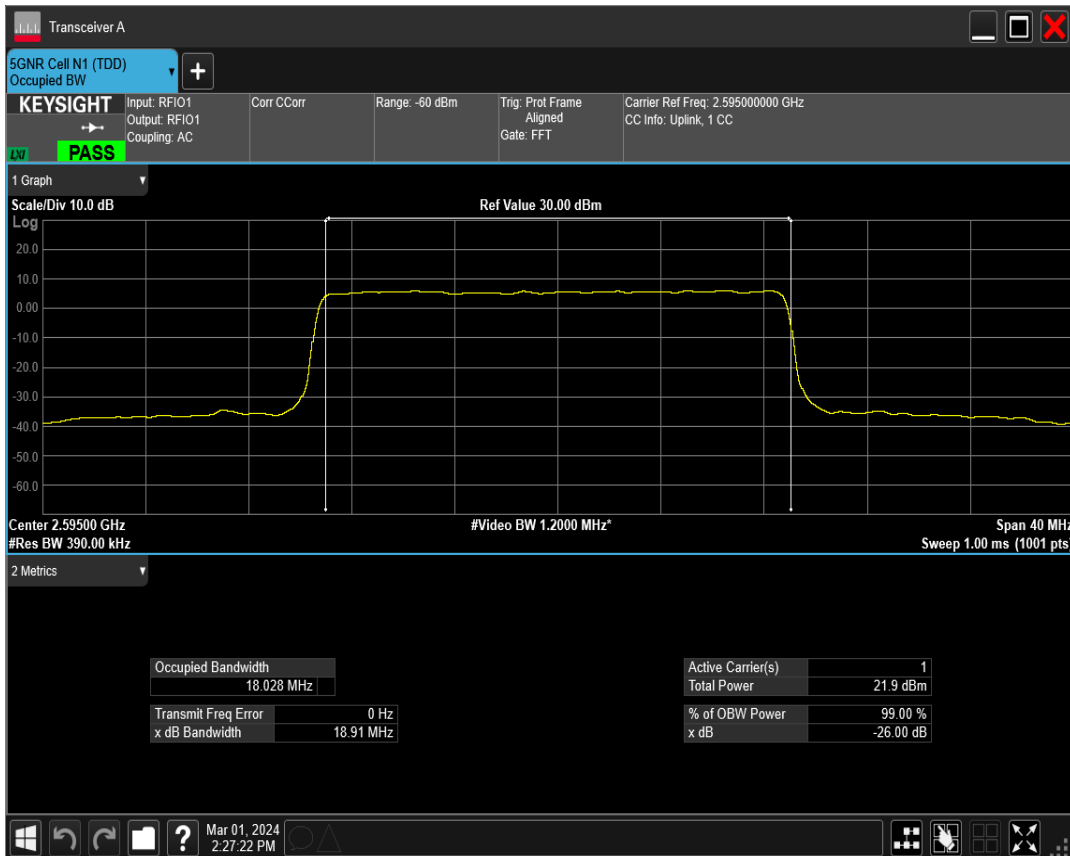


n38 SCS=30kHz DFT\_QPSK BW=20MHz Channel=519000 RB=50@0





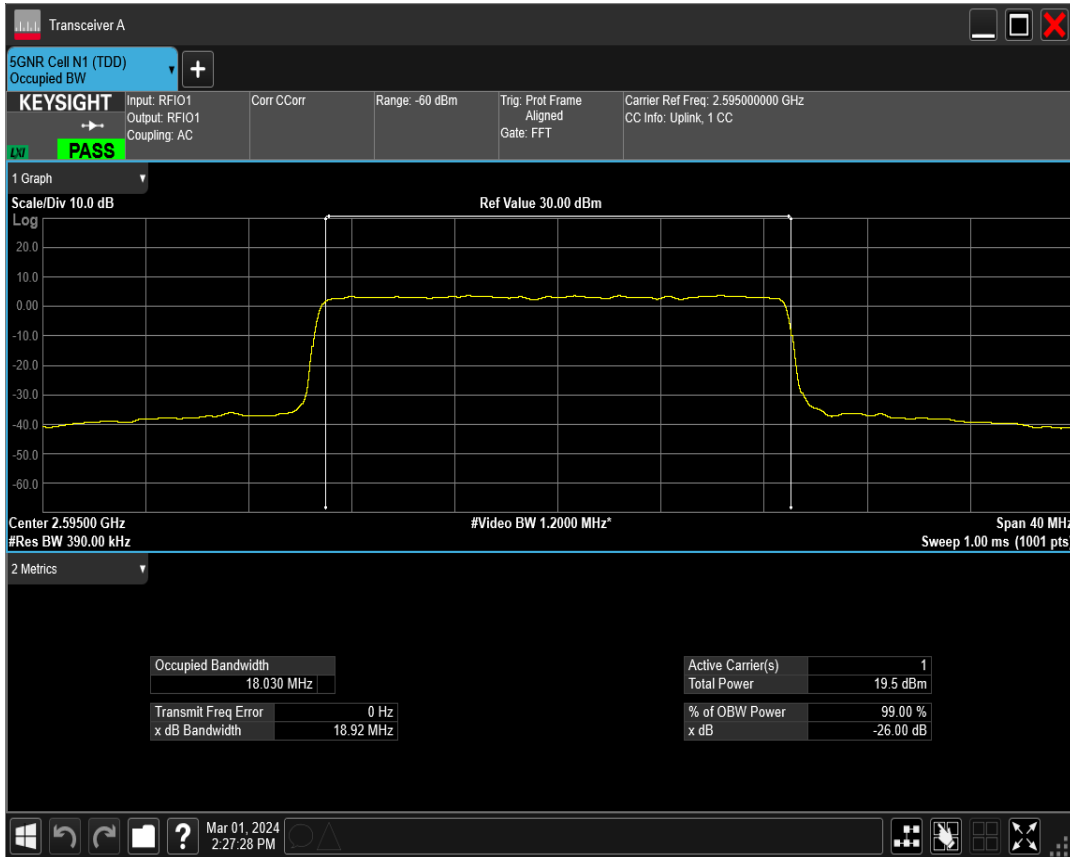
n38 SCS=30kHz DFT\_QAM16 BW=20MHz Channel=519000 RB=50@0



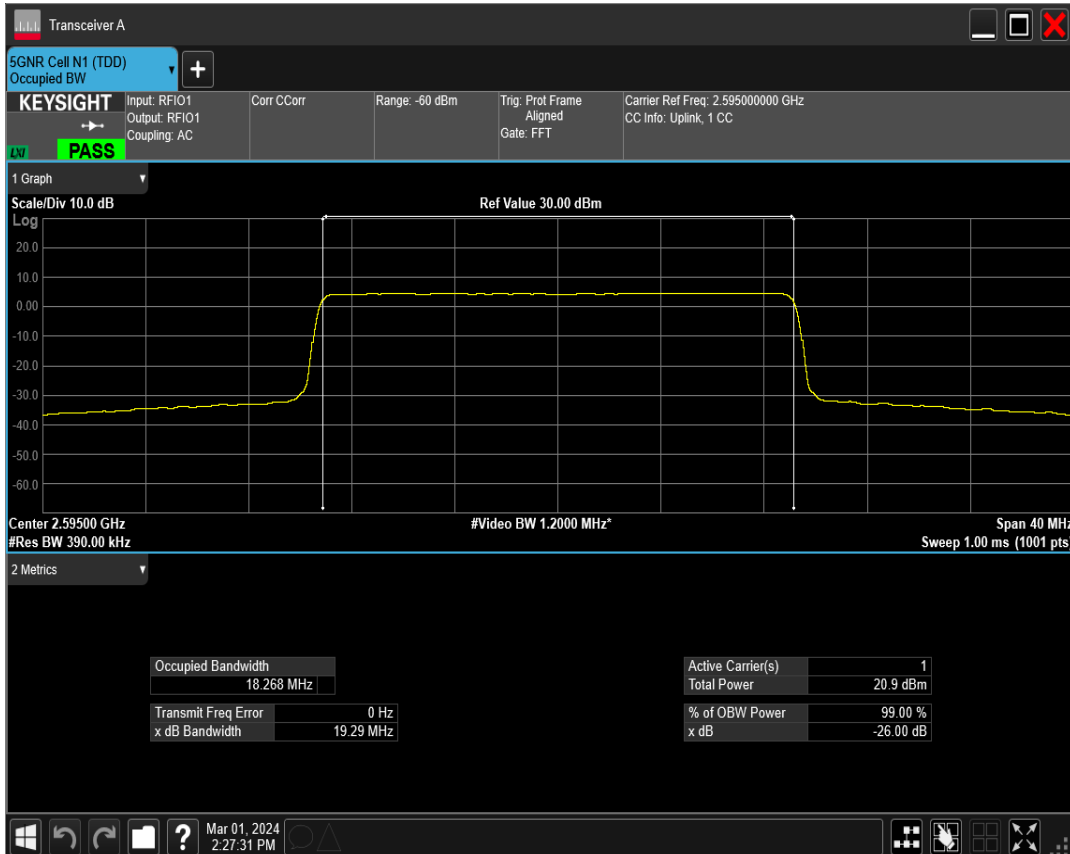
n38 SCS=30kHz DFT\_QAM64 BW=20MHz Channel=519000 RB=50@0



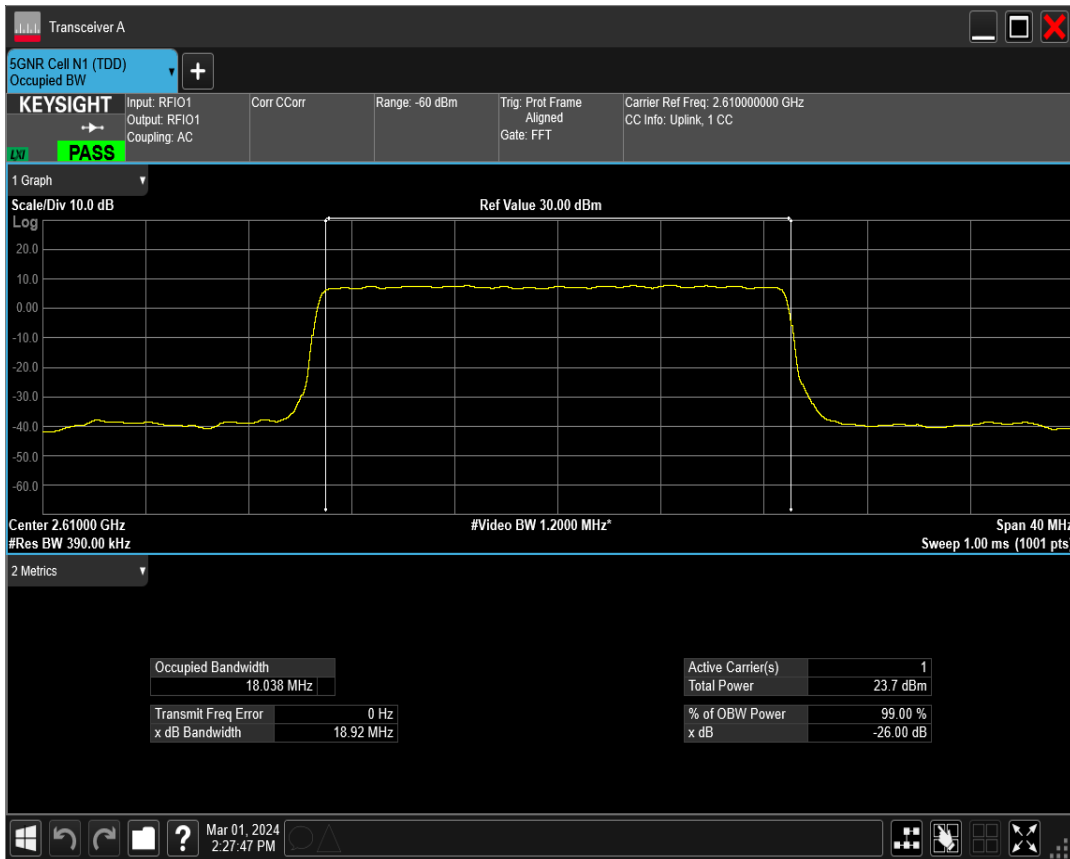
n38 SCS=30kHz DFT\_QAM256 BW=20MHz Channel=519000 RB=50@0



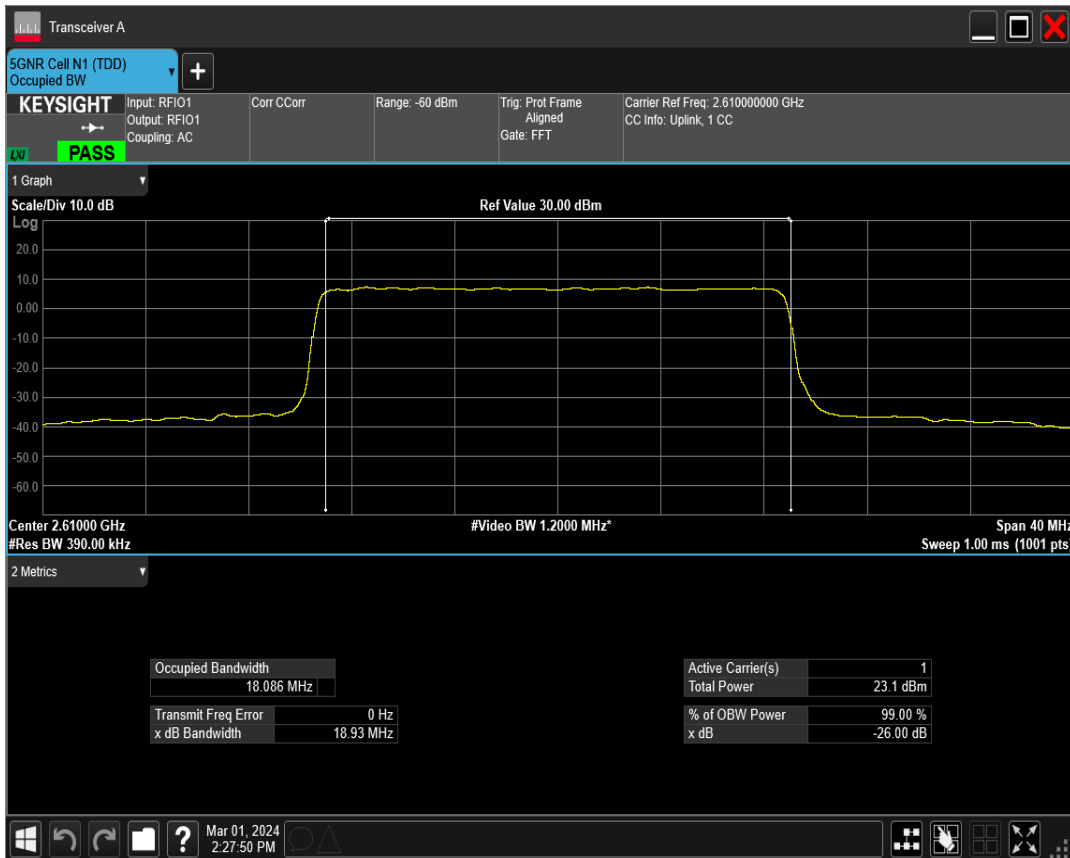
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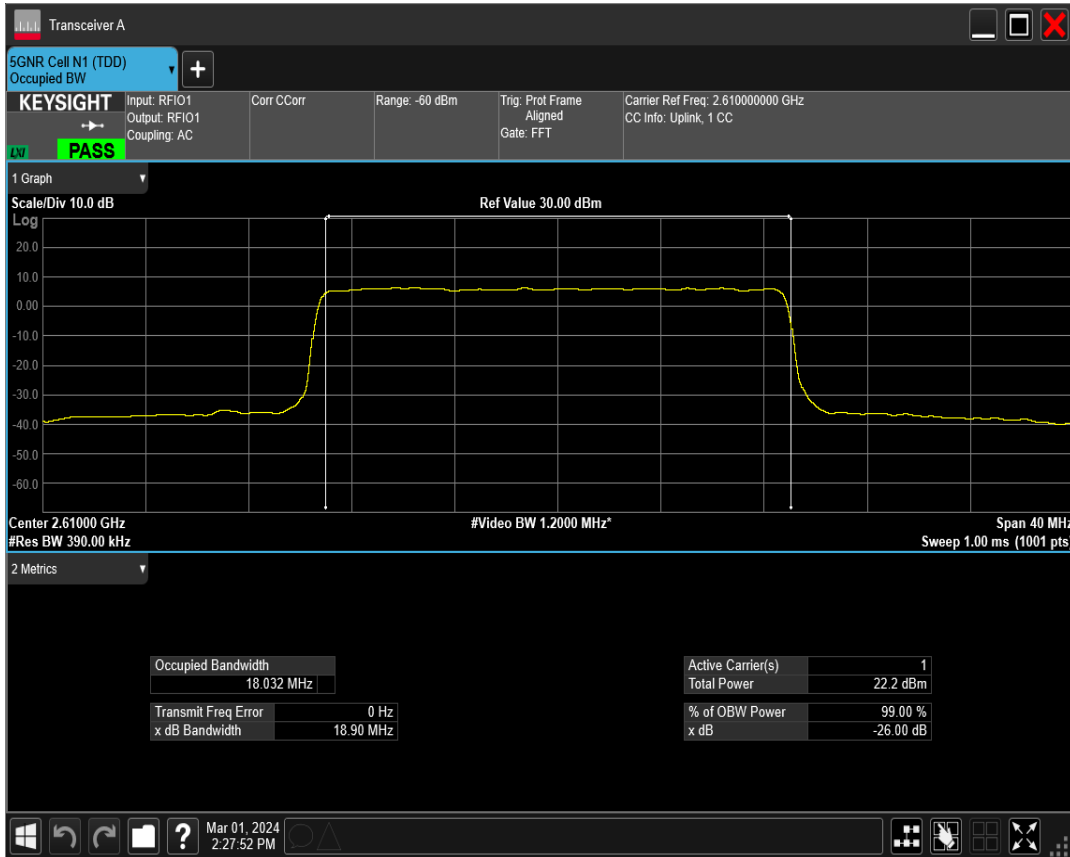
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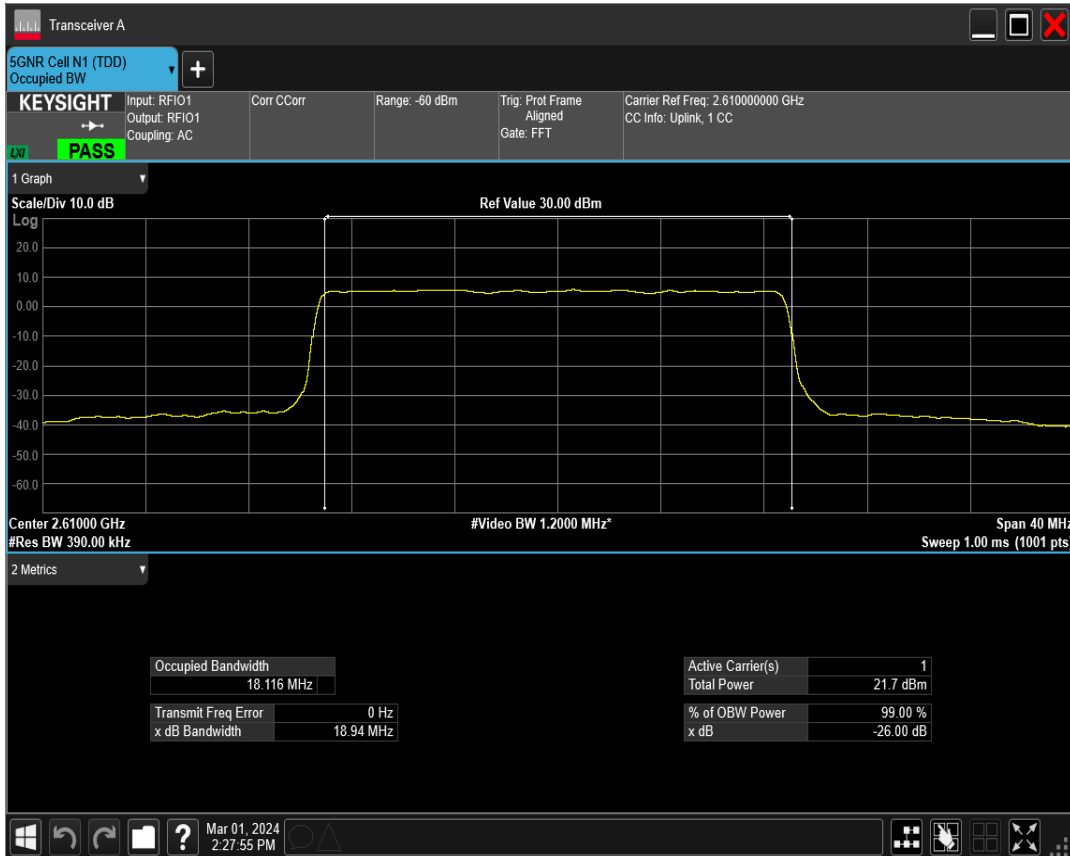
n38 SCS=30kHz DFT\_QPSK BW=20MHz Channel=522000 RB=50@0



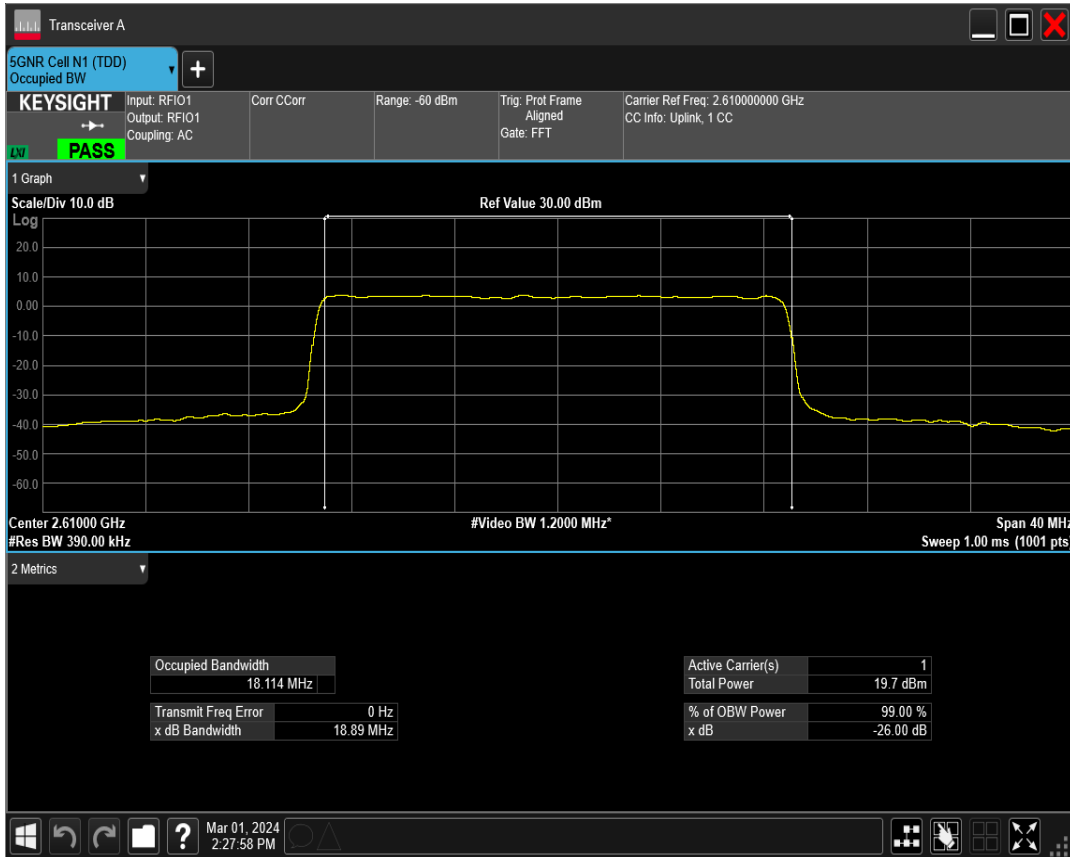
n38 SCS=30kHz DFT\_QAM16 BW=20MHz Channel=522000 RB=50@0



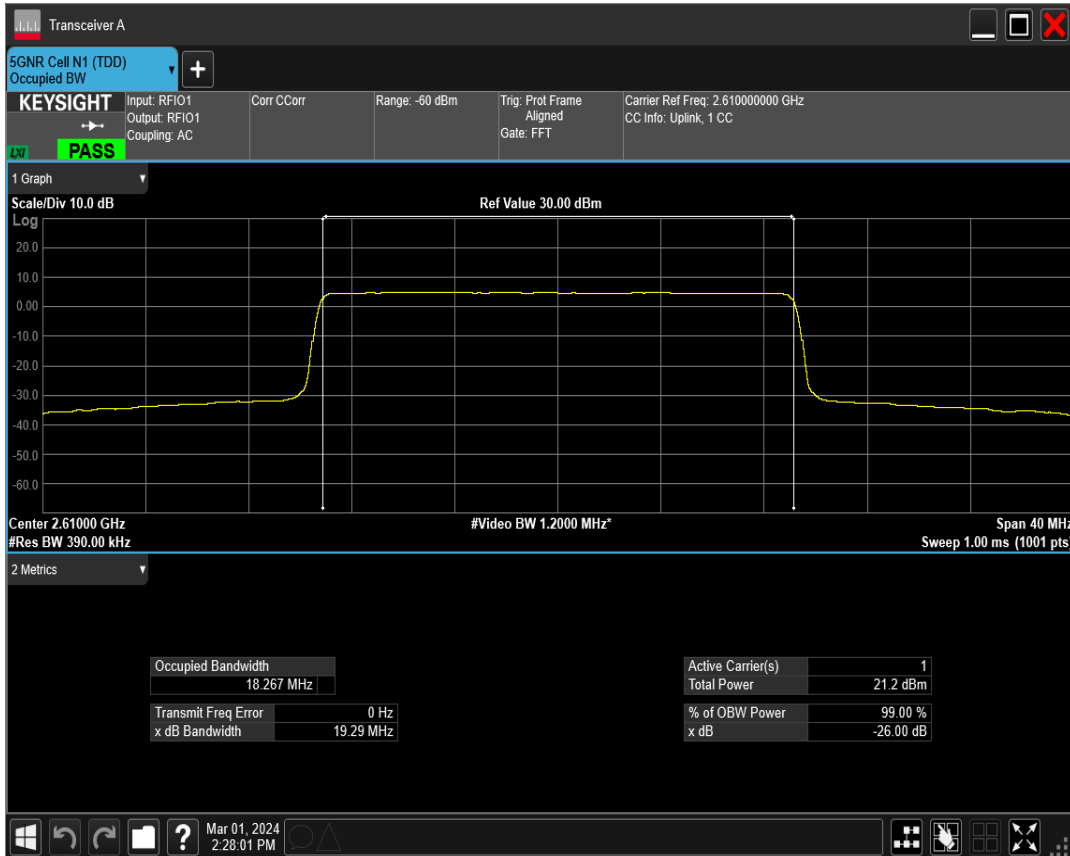
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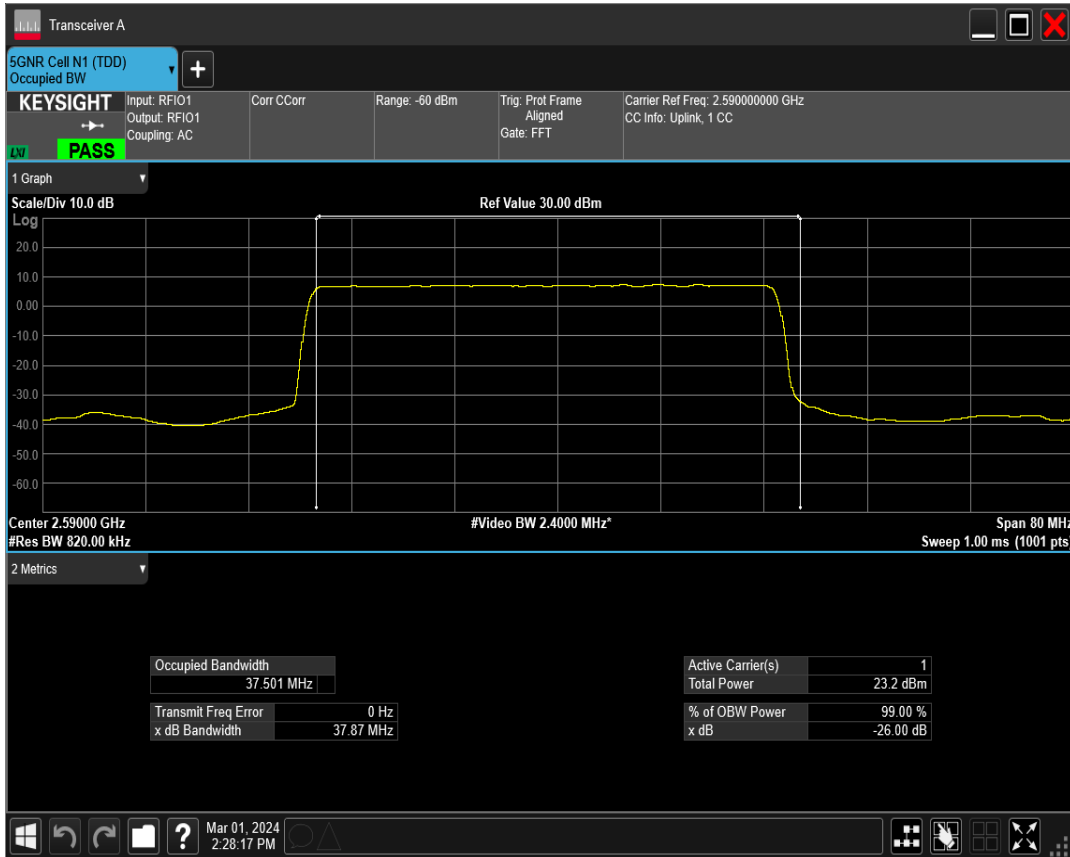
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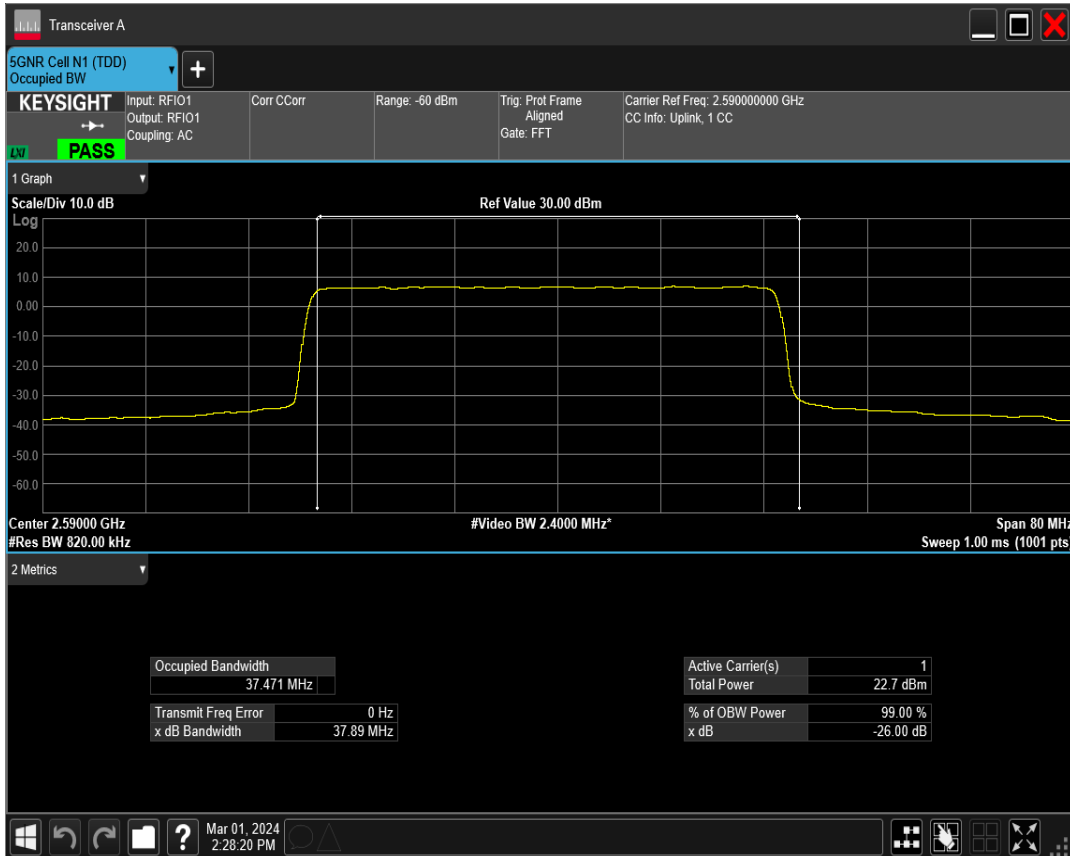
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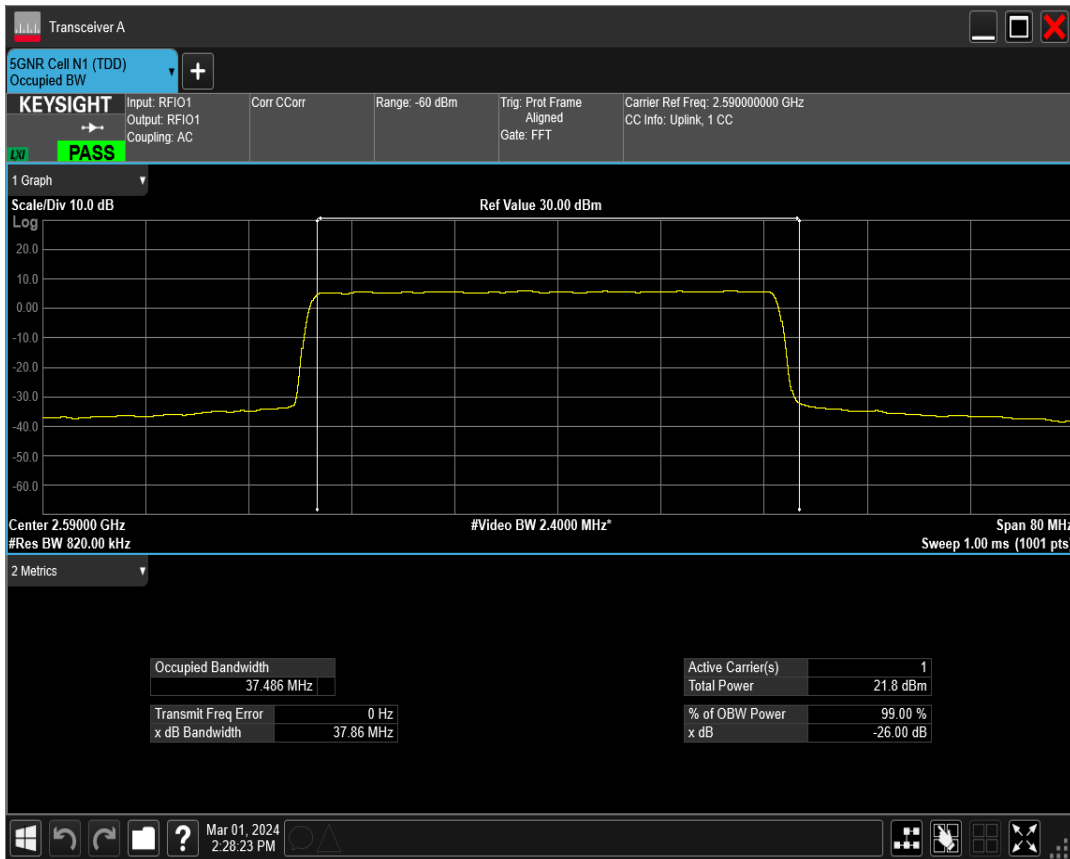
n38 SCS=30kHz DFT\_BPSK BW=40MHz Channel=518000 RB=100@0



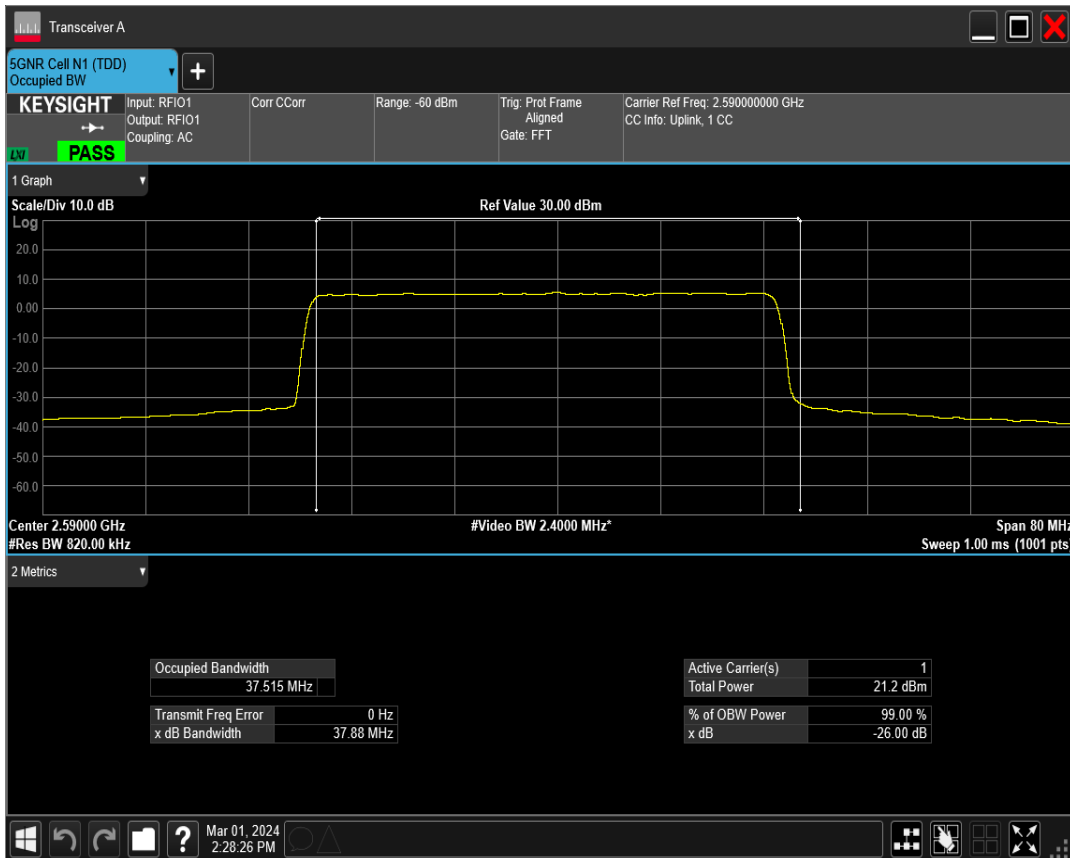
n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=518000 RB=100@0



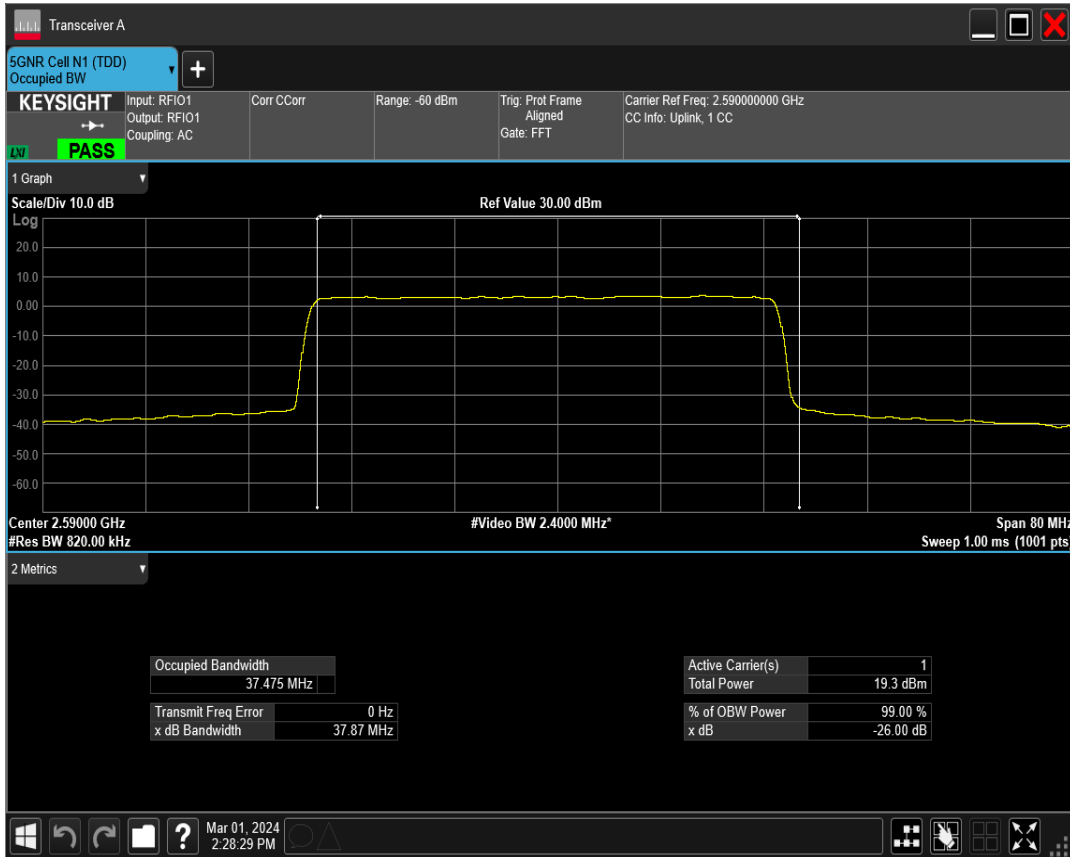
n38 SCS=30kHz DFT\_QAM16 BW=40MHz Channel=518000 RB=100@0



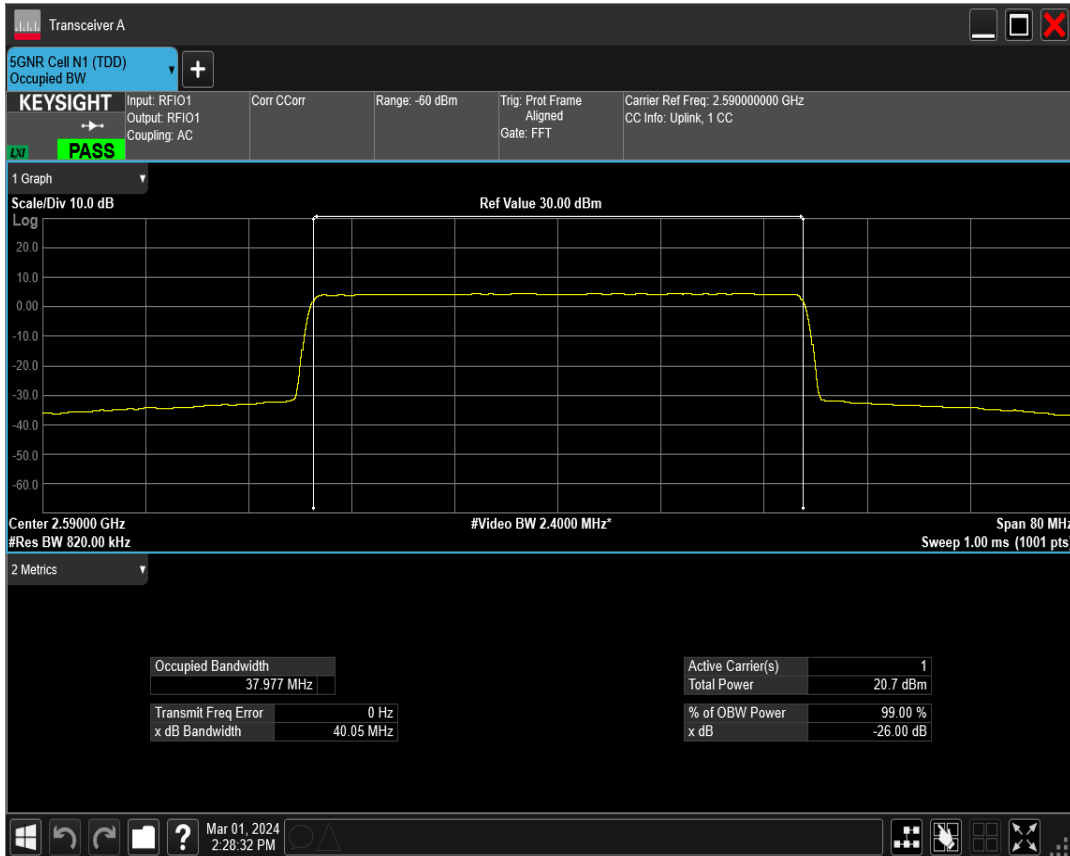
n38 SCS=30kHz DFT\_QAM64 BW=40MHz Channel=518000 RB=100@0



n38 SCS=30kHz DFT\_QAM256 BW=40MHz Channel=518000 RB=100@0

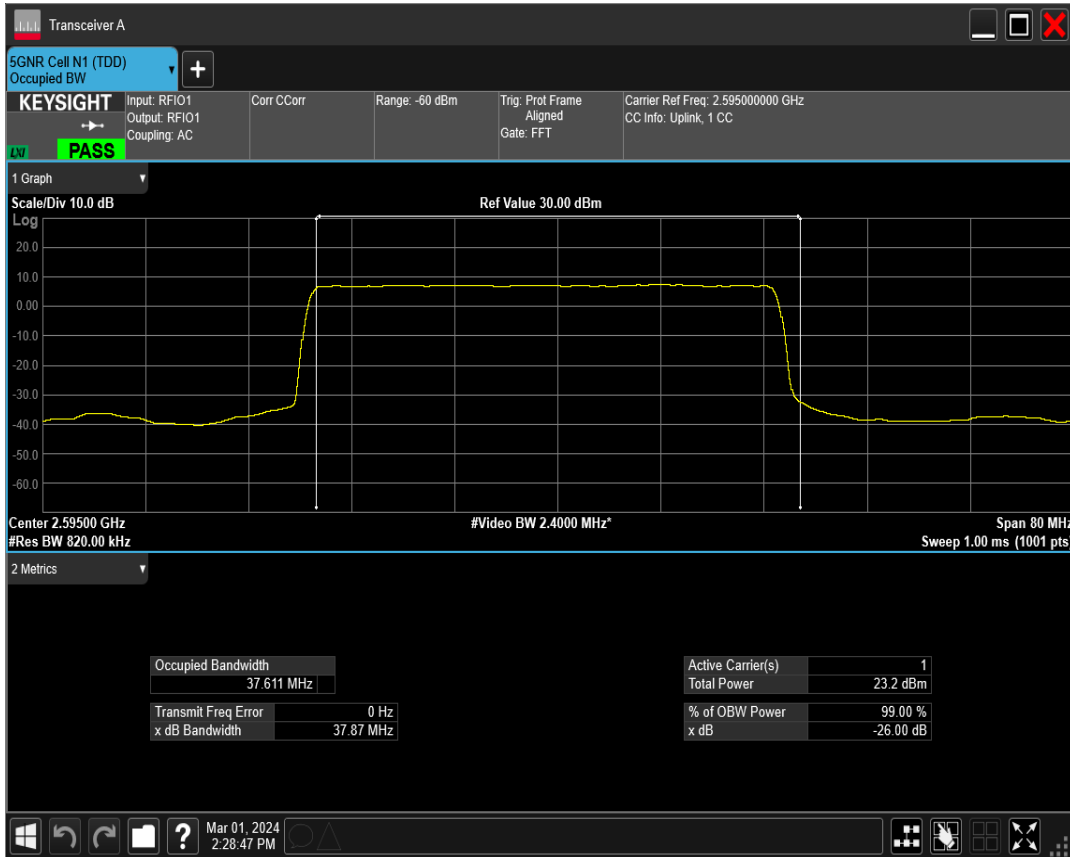


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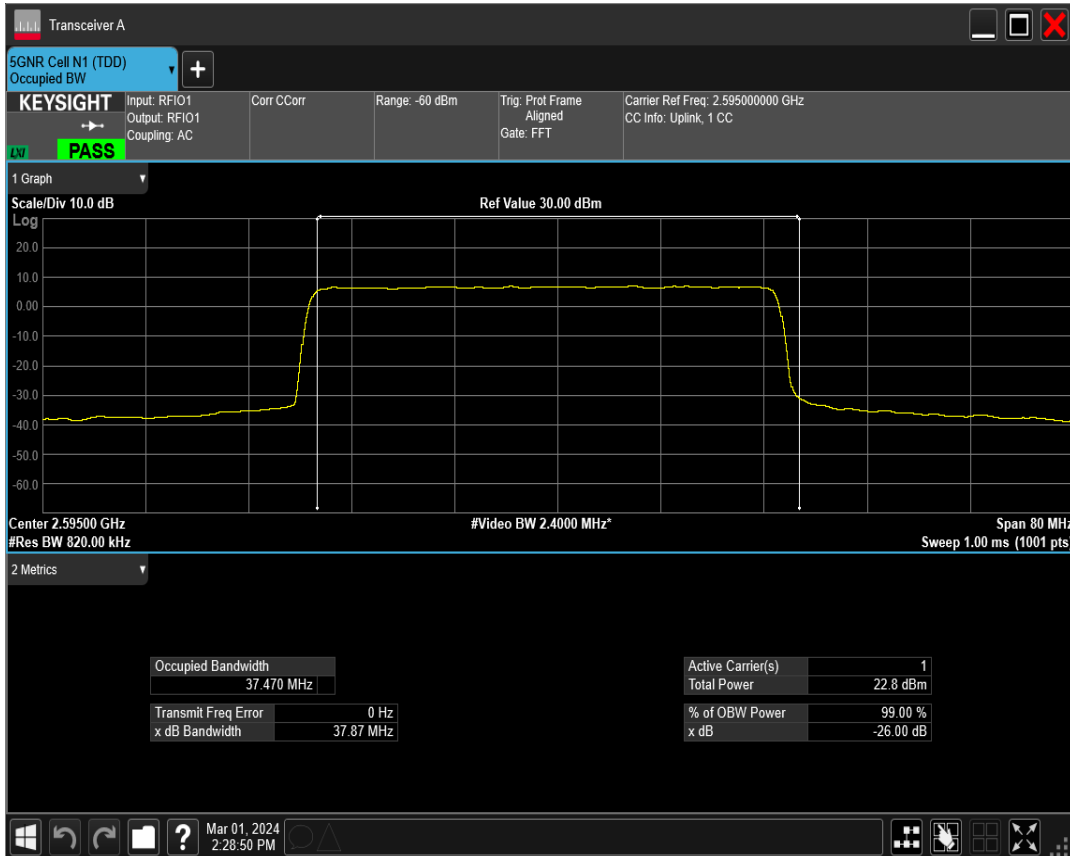




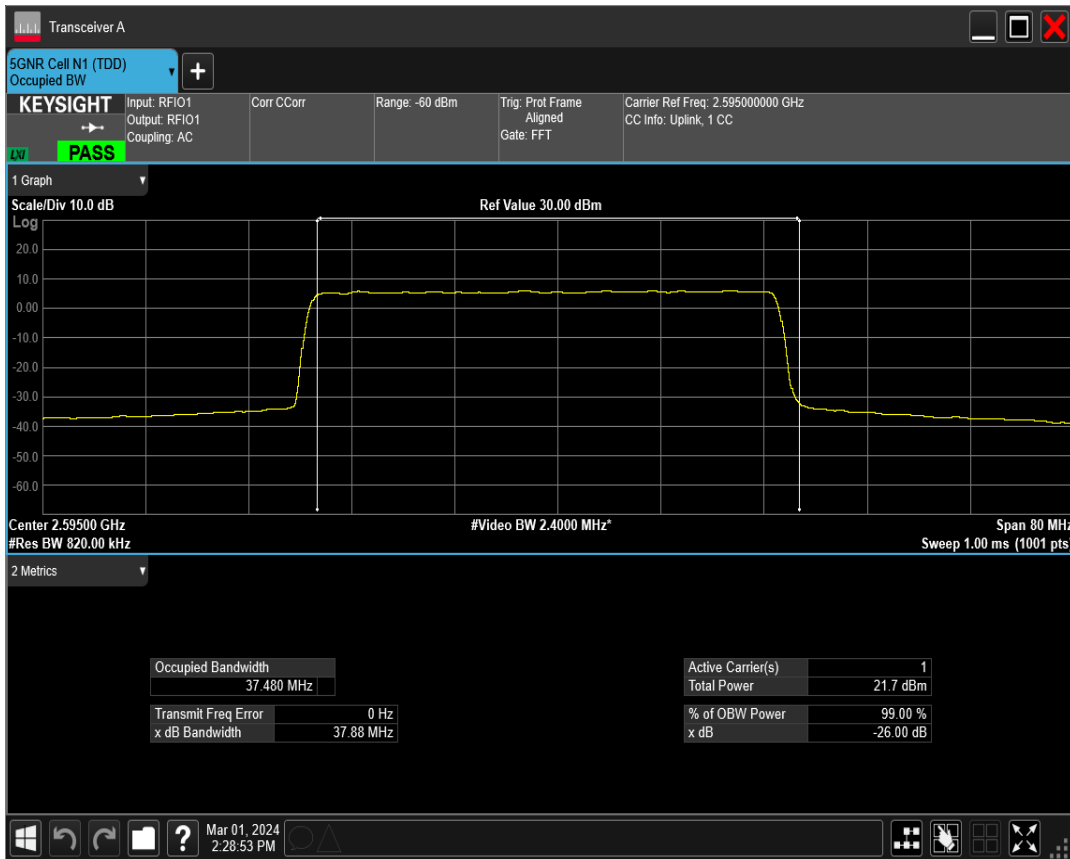
n38 SCS=30kHz DFT\_BPSK BW=40MHz Channel=519000 RB=100@0



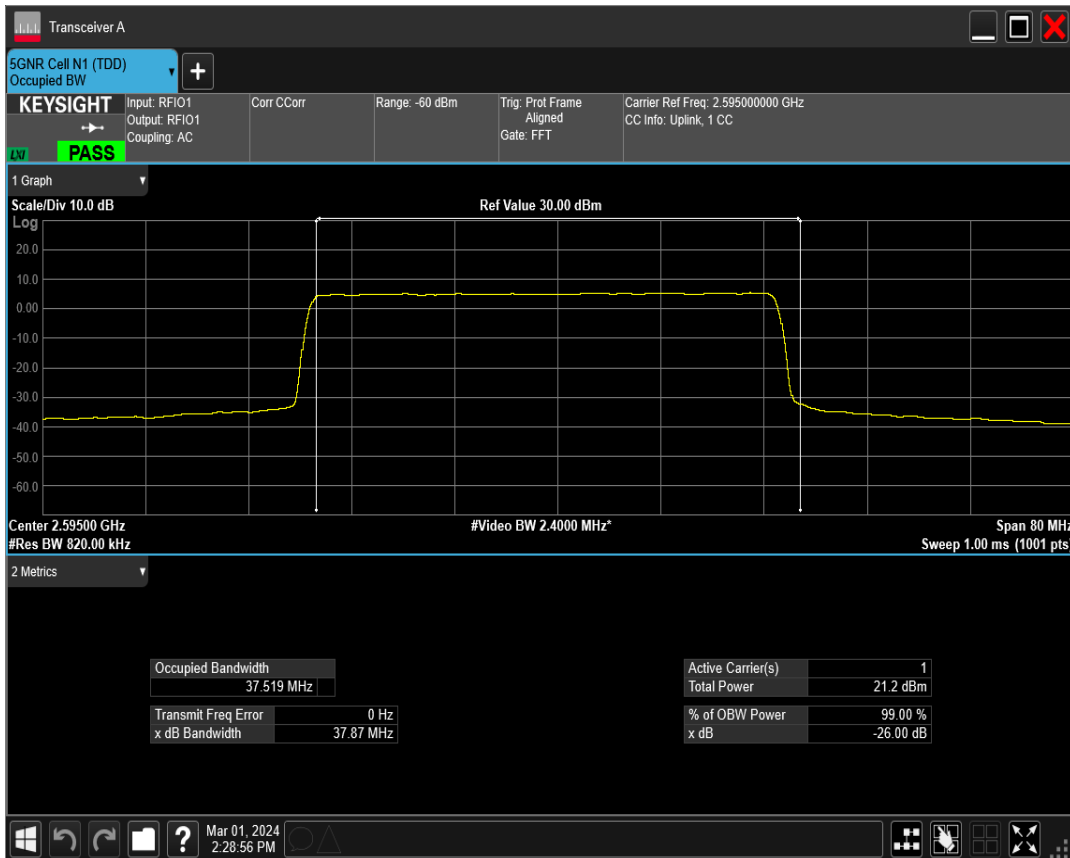
n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=519000 RB=100@0



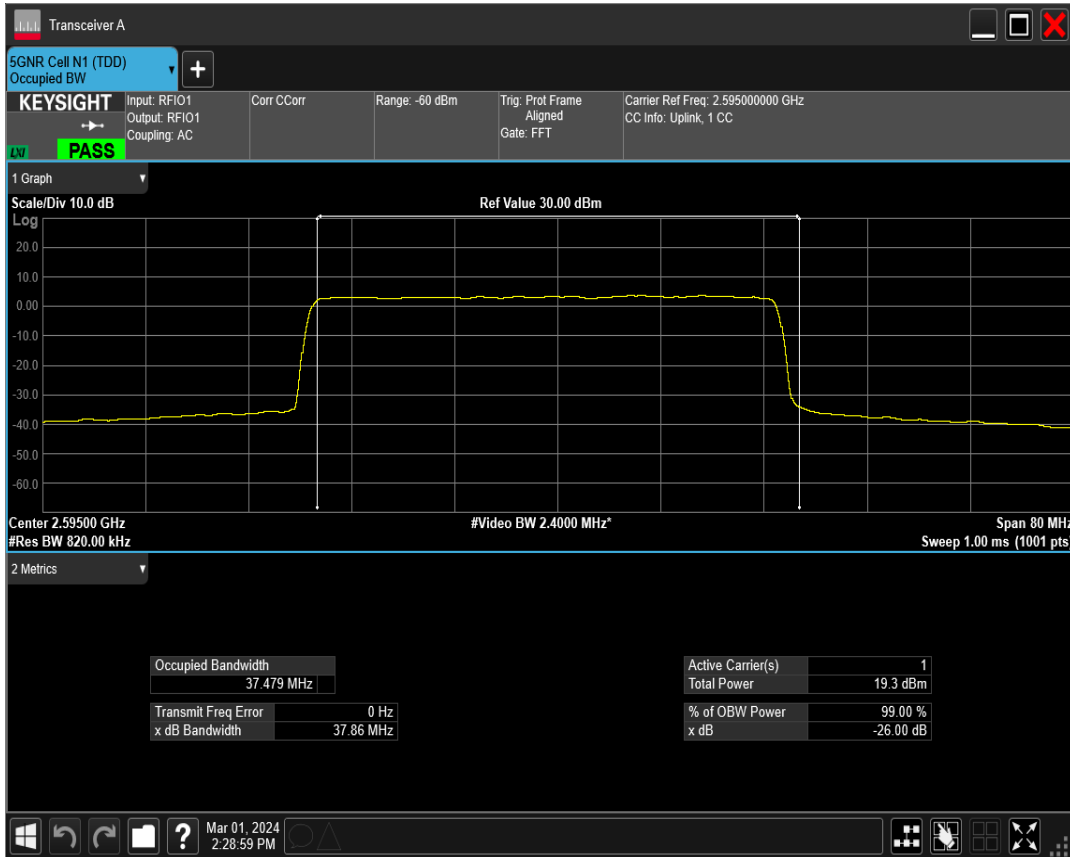
n38 SCS=30kHz DFT\_QAM16 BW=40MHz Channel=519000 RB=100@0



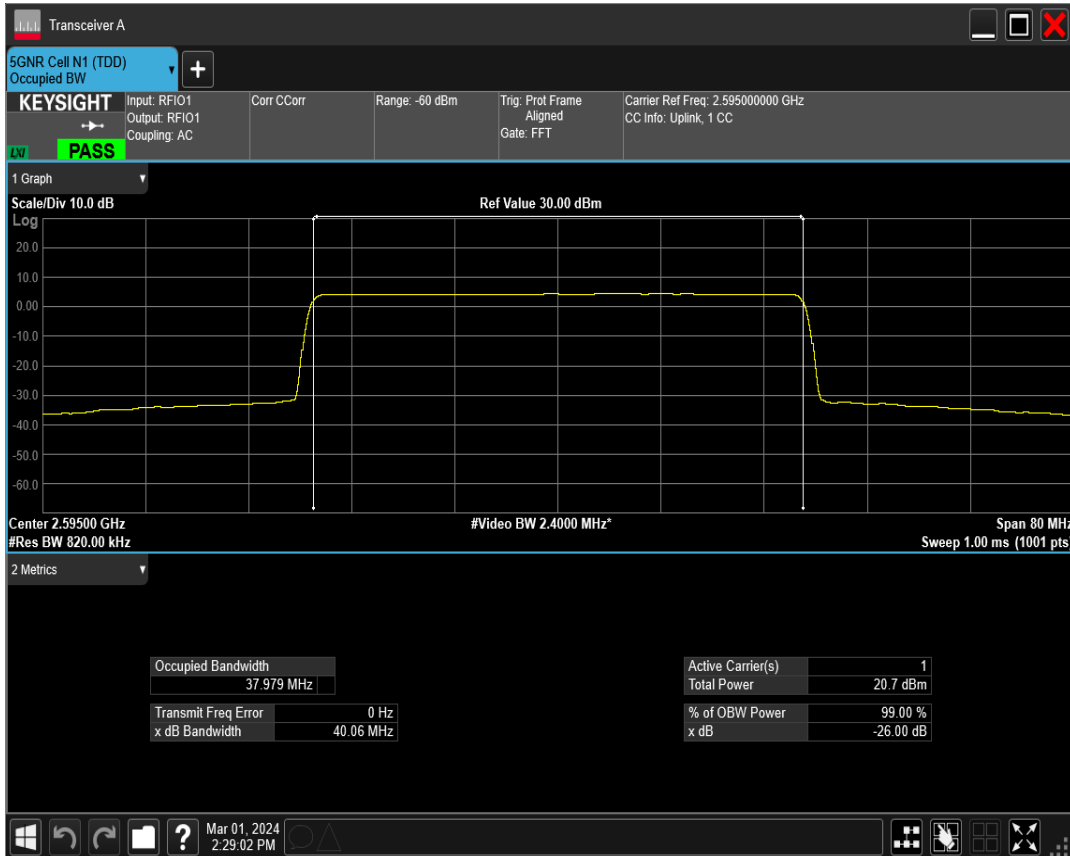
n38 SCS=30kHz DFT\_QAM64 BW=40MHz Channel=519000 RB=100@0



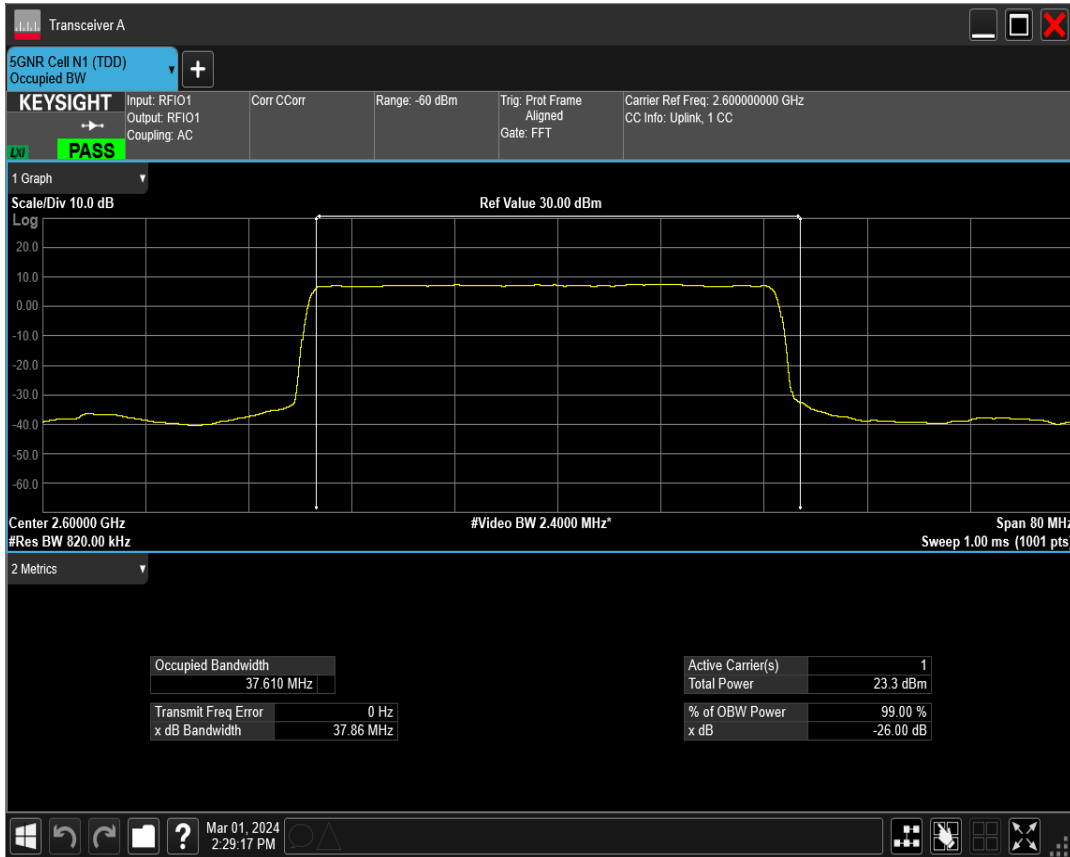
n38 SCS=30kHz DFT\_QAM256 BW=40MHz Channel=519000 RB=100@0



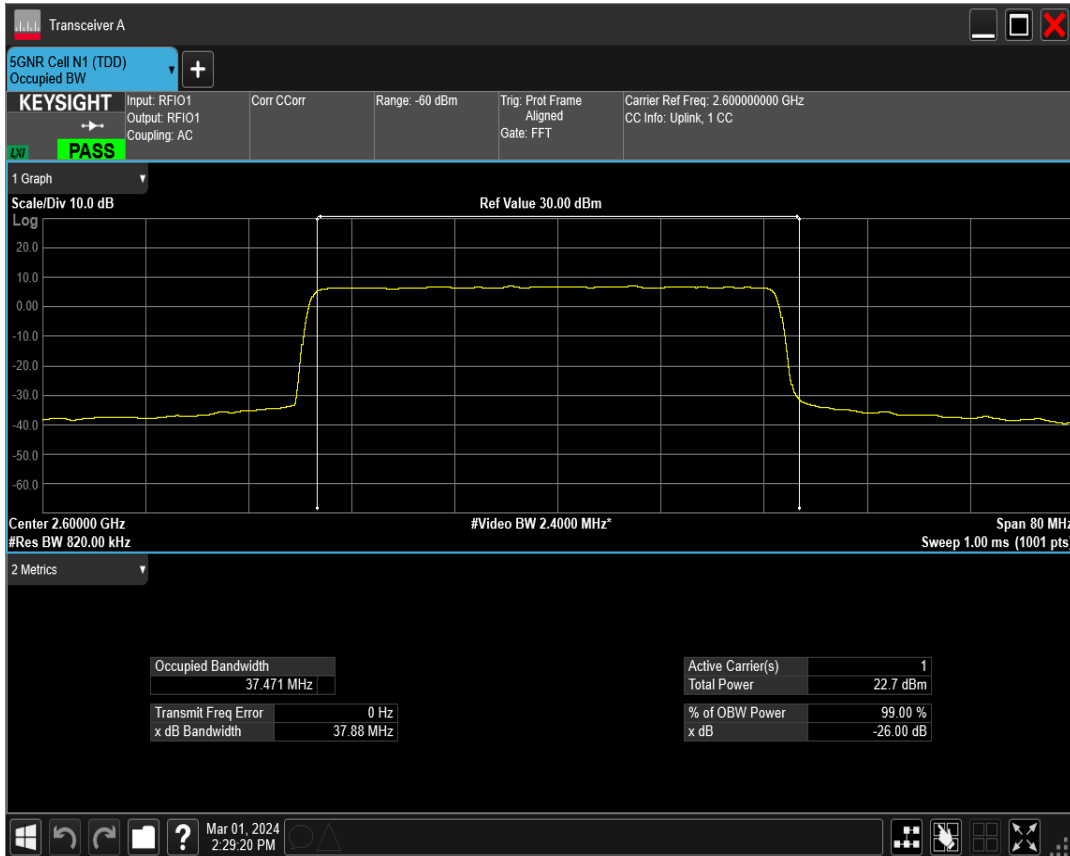
n38 SCS=30kHz CP\_QPSK BW=40MHz Channel=519000 RB=106@0



n38 SCS=30kHz DFT\_BPSK BW=40MHz Channel=520000 RB=100@0



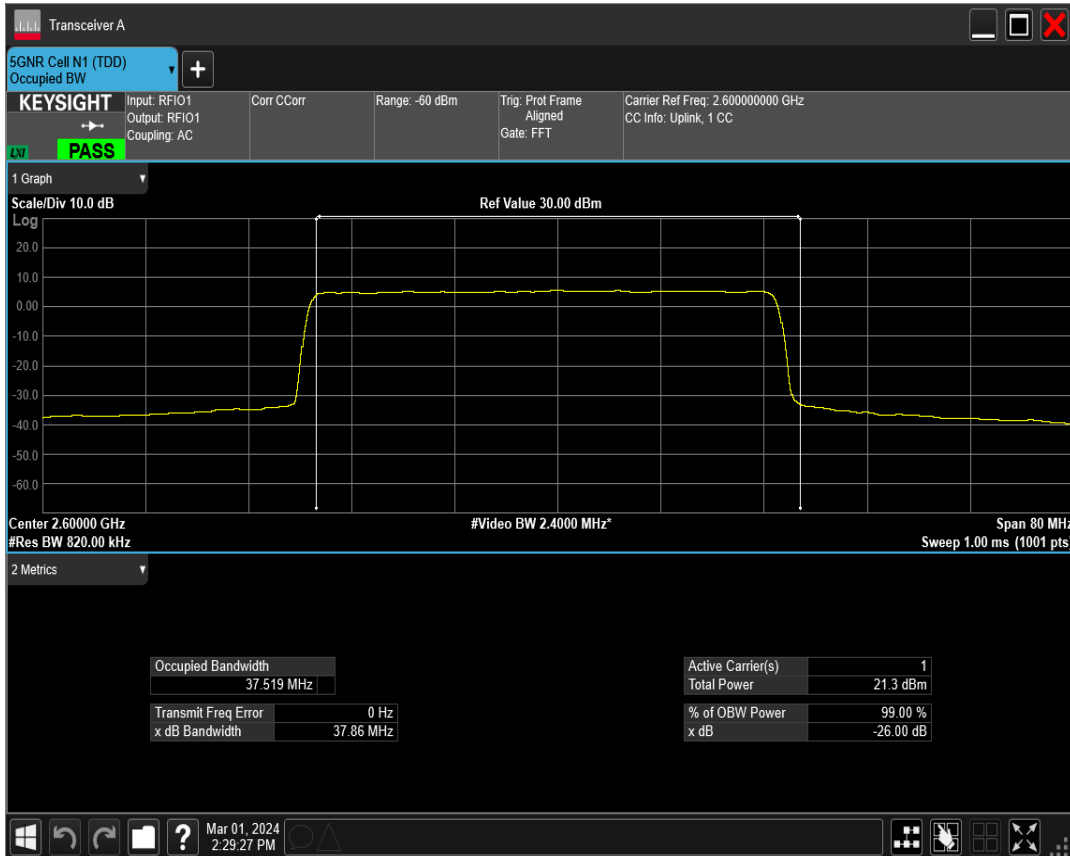
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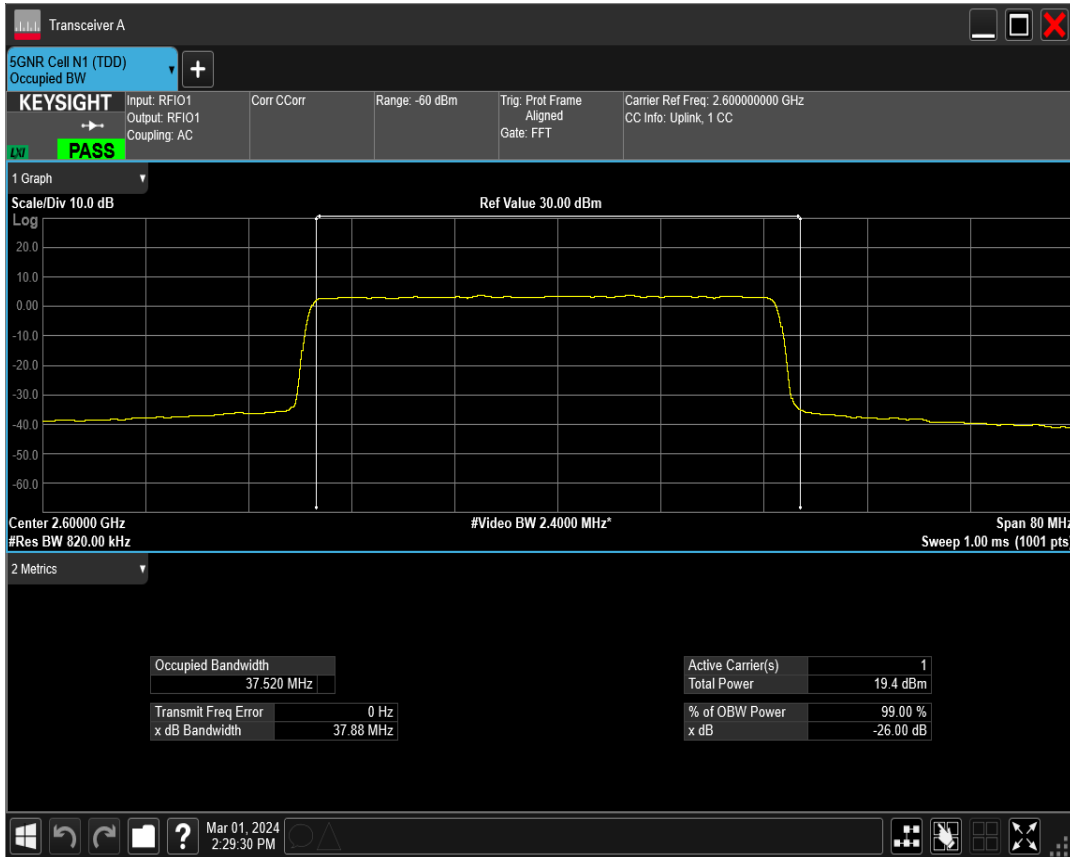
n38 SCS=30kHz DFT\_QAM16 BW=40MHz Channel=520000 RB=100@0



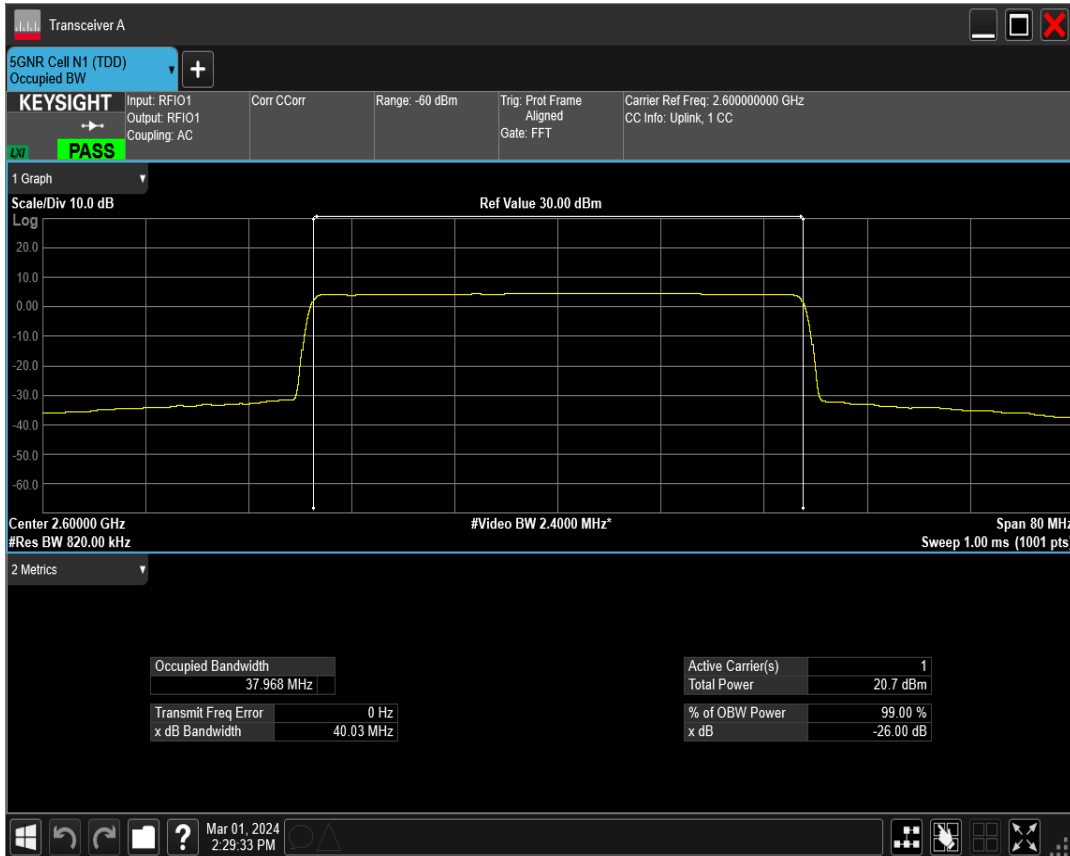
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n38 SCS=30kHz DFT\_QAM256 BW=40MHz Channel=520000 RB=100@0



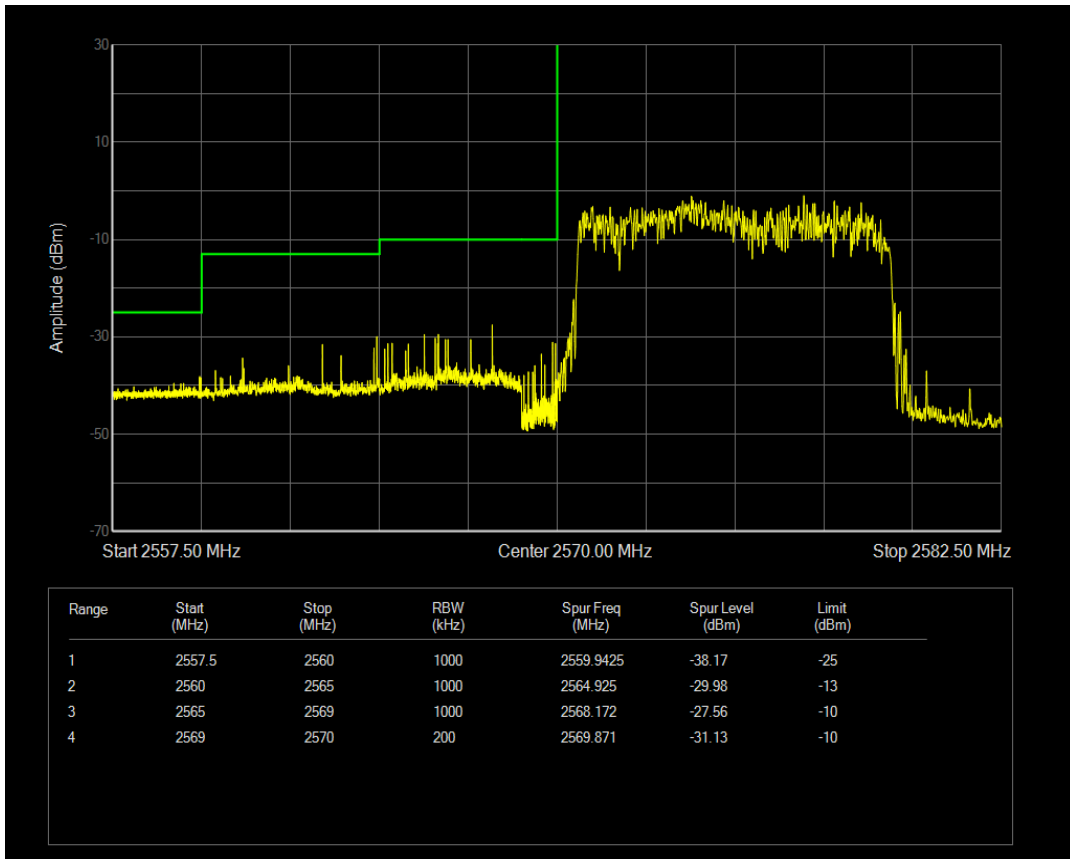
n38 SCS=30kHz CP\_QPSK BW=40MHz Channel=520000 RB=106@0



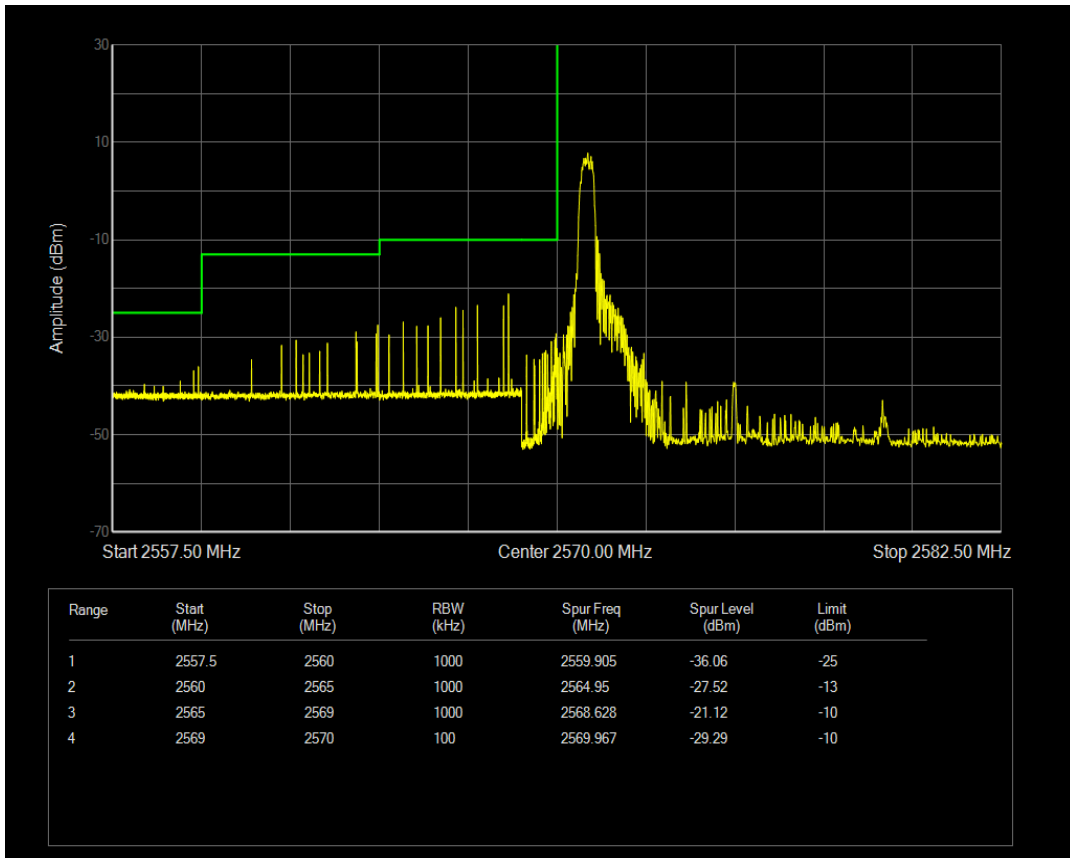
### 5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n38	30	10	515000	24@0	DFT_QPSK	2559.94	-38.17	-25	PASS
n38	30	10	515000	1@0	DFT_QPSK	2559.91	-36.06	-25	PASS
n38	30	10	523000	24@0	DFT_QPSK	2630.78	-38.76	-25	PASS
n38	30	10	523000	1@23	DFT_QPSK	2621.17	-20.10	-10	PASS
n38	30	40	518000	100@0	DFT_QPSK	2528.63	-40.77	-25	PASS
n38	30	40	518000	1@0	DFT_QPSK	2568.56	-24.36	-10	PASS
n38	30	40	520000	100@0	DFT_QPSK	2660.10	-41.05	-25	PASS
n38	30	40	520000	1@105	DFT_QPSK	2621.14	-24.40	-10	PASS

n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=515000 RB=24@0

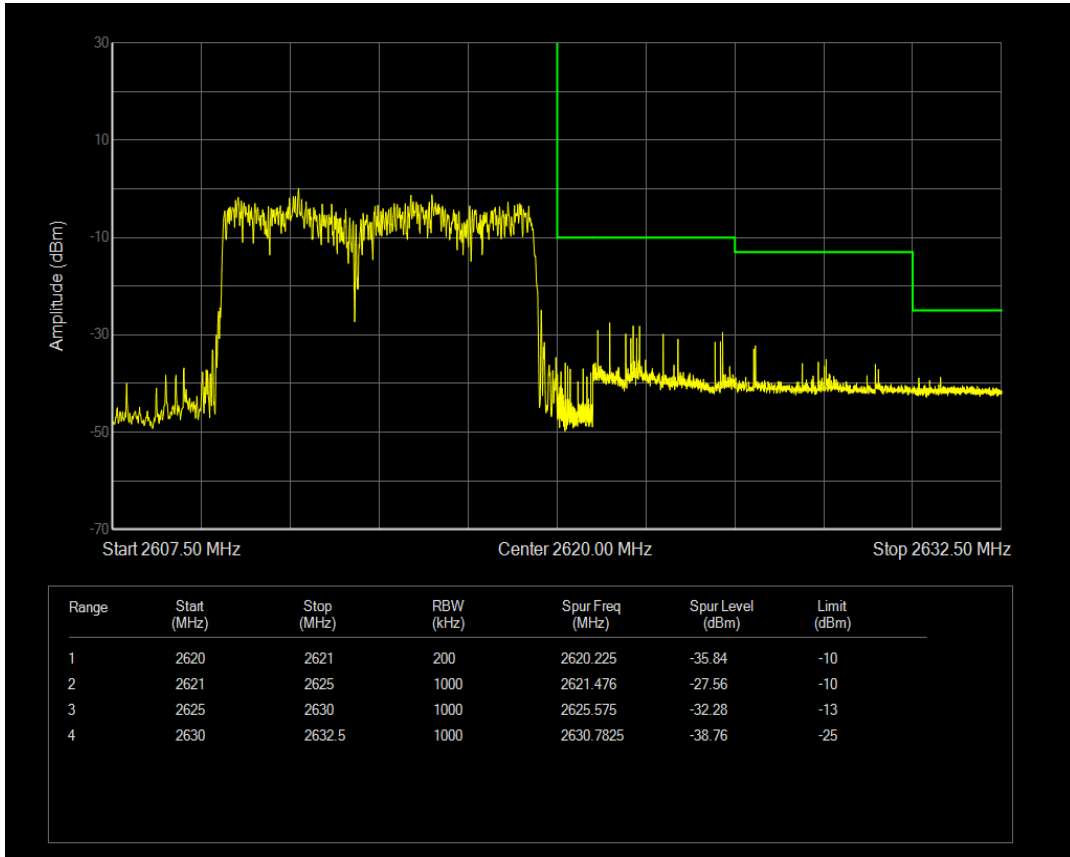


n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=515000 RB=1@0

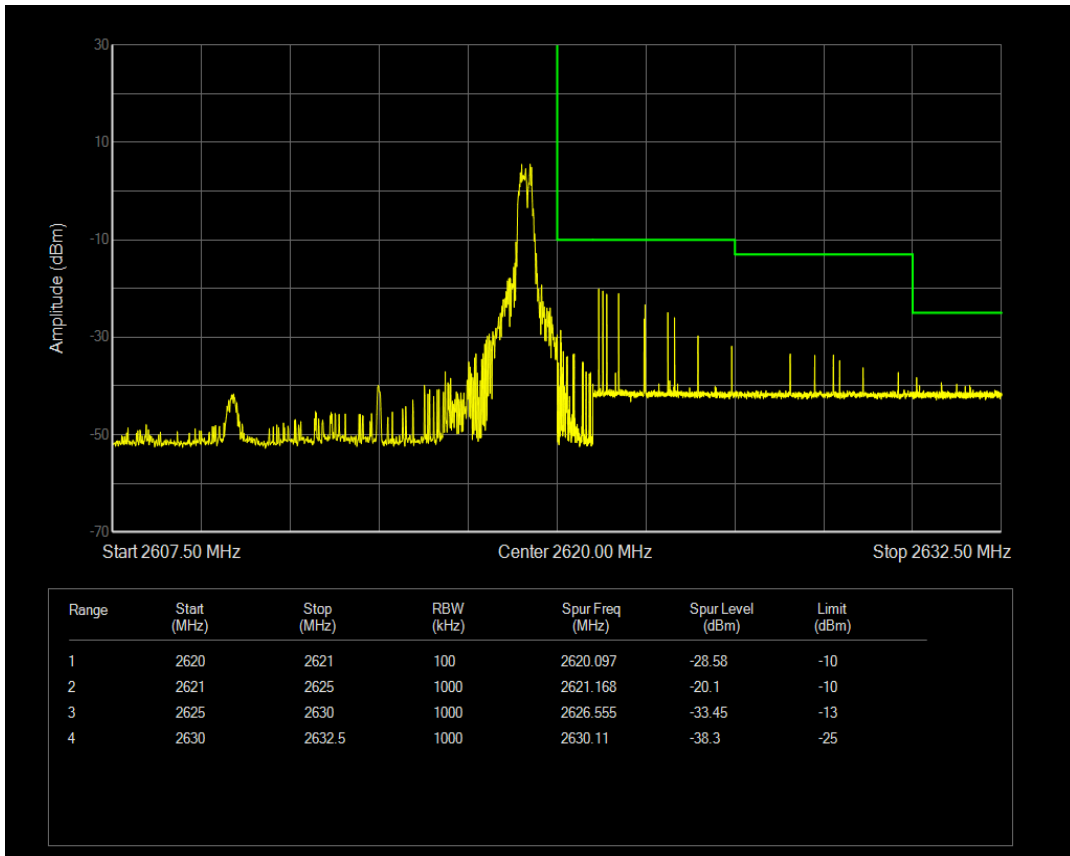




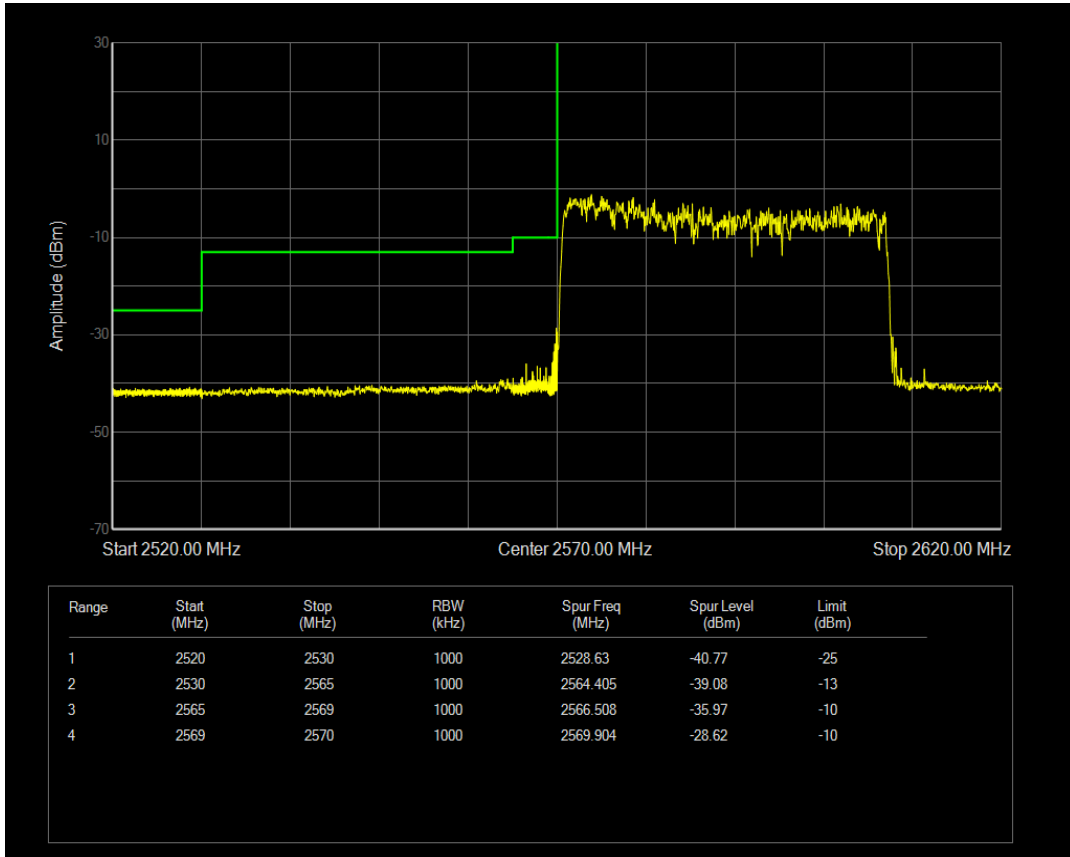
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=523000 RB=24@0



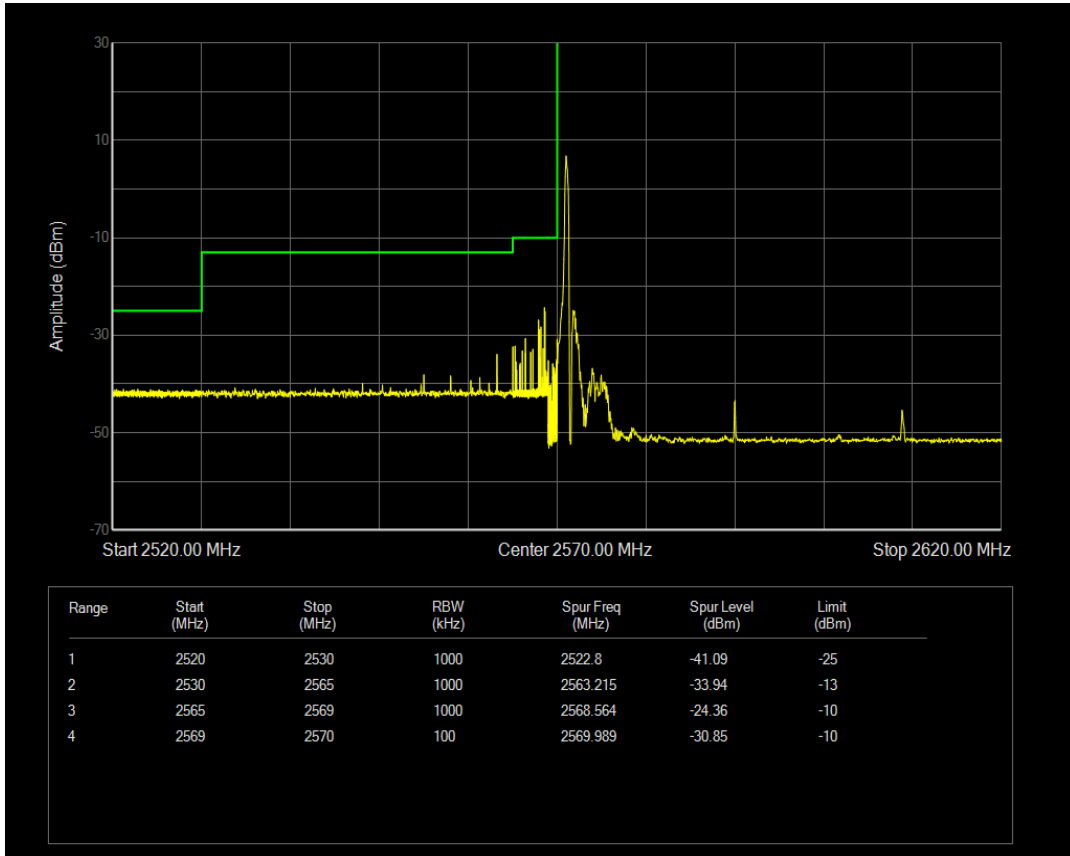
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=523000 RB=1@23



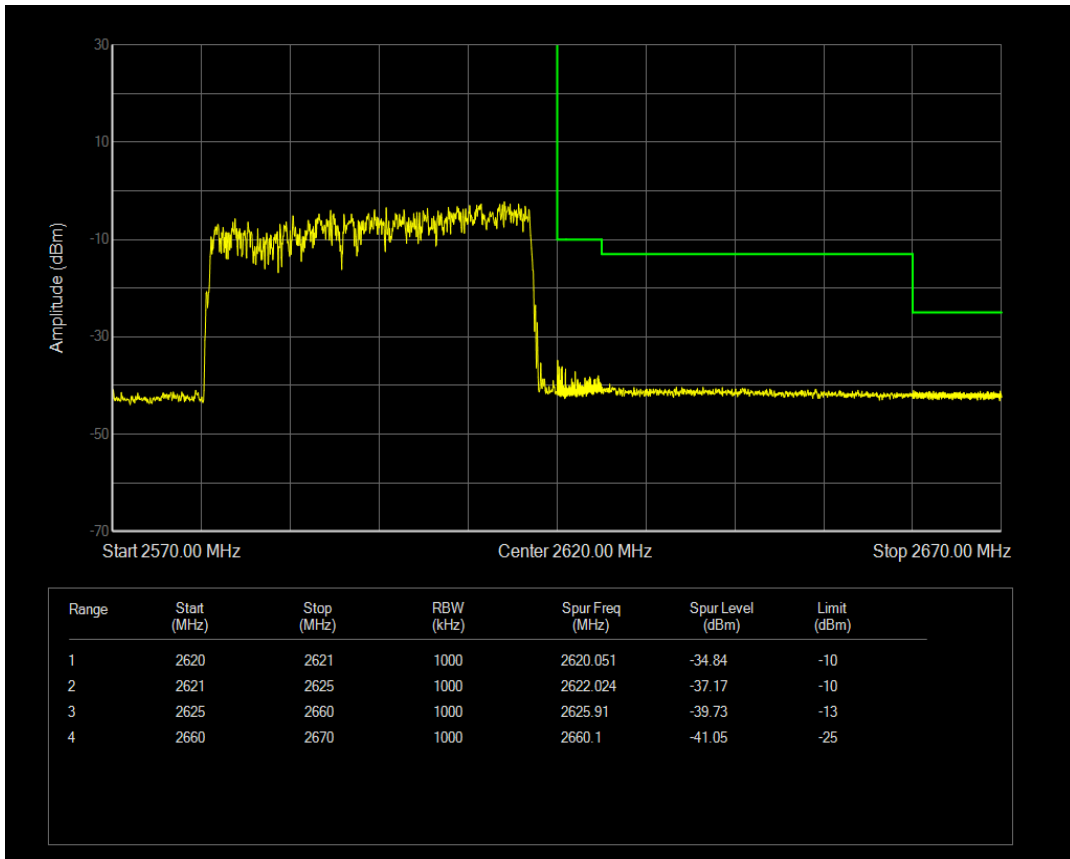
n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=518000 RB=100@0



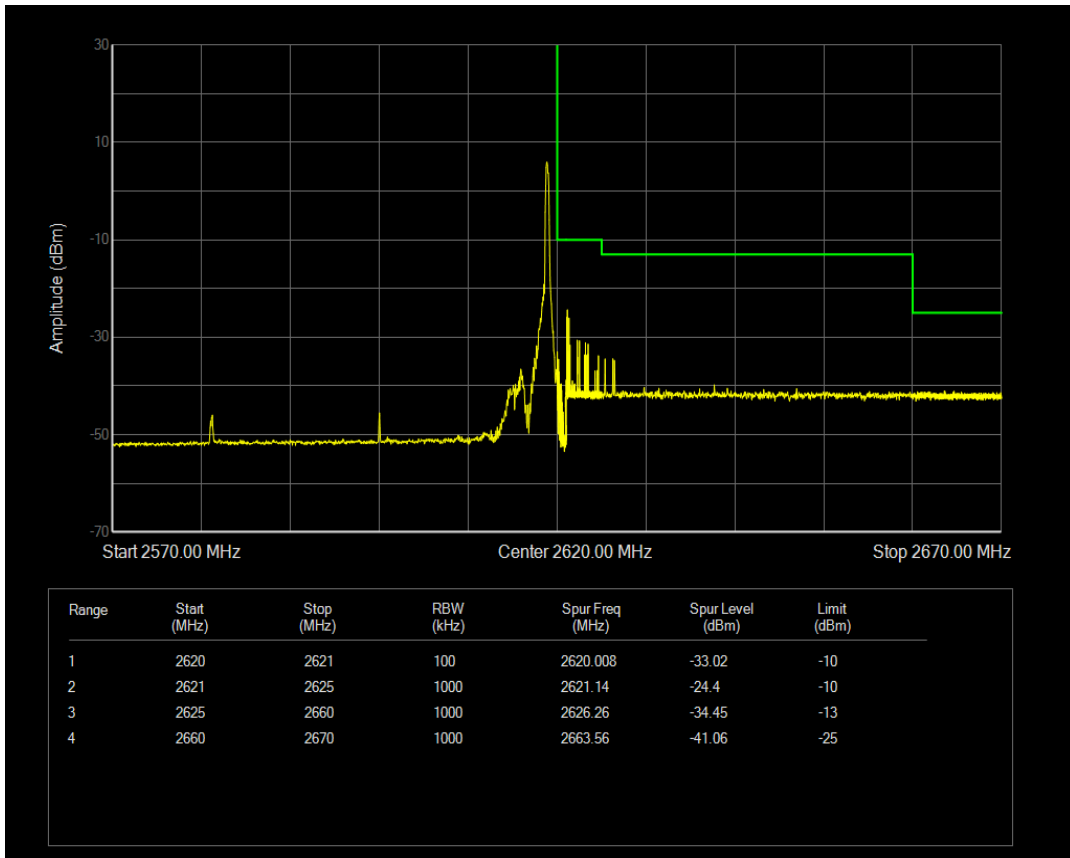
n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=518000 RB=1@0



n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=520000 RB=100@0



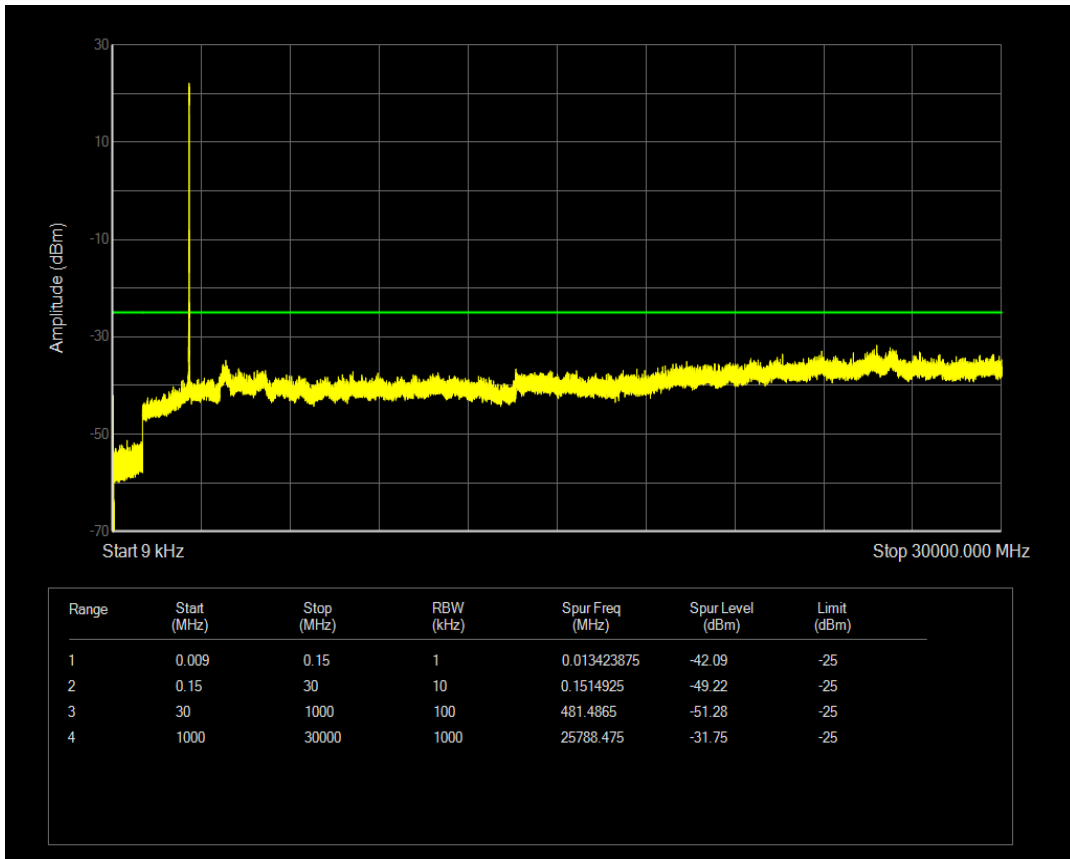
n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=520000 RB=1@105



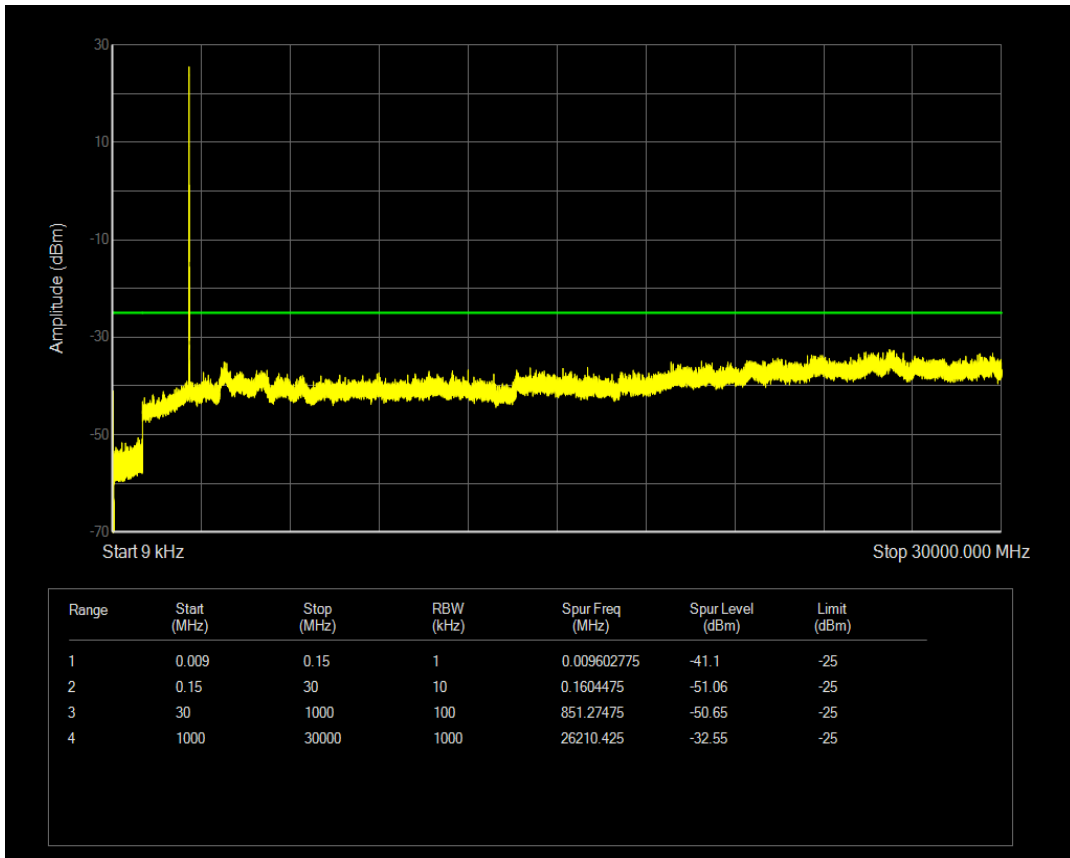
## 6 Out-of-band emissions for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n38	30	10	515000	24@0	DFT_QPSK	25788.48	-31.75	-25	PASS
n38	30	10	515000	1@0	DFT_QPSK	26210.43	-32.55	-25	PASS
n38	30	10	515000	1@23	DFT_QPSK	26219.13	-32.44	-25	PASS
n38	30	10	519000	24@0	DFT_QPSK	26208.98	-32.57	-25	PASS
n38	30	10	519000	1@0	DFT_QPSK	26240.15	-32.05	-25	PASS
n38	30	10	519000	1@23	DFT_QPSK	26258.28	-32.15	-25	PASS
n38	30	10	523000	24@0	DFT_QPSK	23805.60	-31.96	-25	PASS
n38	30	10	523000	1@0	DFT_QPSK	26187.23	-31.91	-25	PASS
n38	30	10	523000	1@23	DFT_QPSK	25653.63	-31.90	-25	PASS
n38	30	40	518000	100@0	DFT_QPSK	26280.03	-32.36	-25	PASS
n38	30	40	518000	1@0	DFT_QPSK	25778.33	-32.17	-25	PASS
n38	30	40	518000	1@105	DFT_QPSK	25546.33	-30.85	-25	PASS
n38	30	40	519000	100@0	DFT_QPSK	26230.73	-31.65	-25	PASS
n38	30	40	519000	1@0	DFT_QPSK	26485.93	-32.05	-25	PASS
n38	30	40	519000	1@105	DFT_QPSK	26332.95	-31.56	-25	PASS
n38	30	40	520000	100@0	DFT_QPSK	26236.53	-31.51	-25	PASS
n38	30	40	520000	1@0	DFT_QPSK	25793.55	-31.55	-25	PASS
n38	30	40	520000	1@105	DFT_QPSK	26434.45	-32.09	-25	PASS

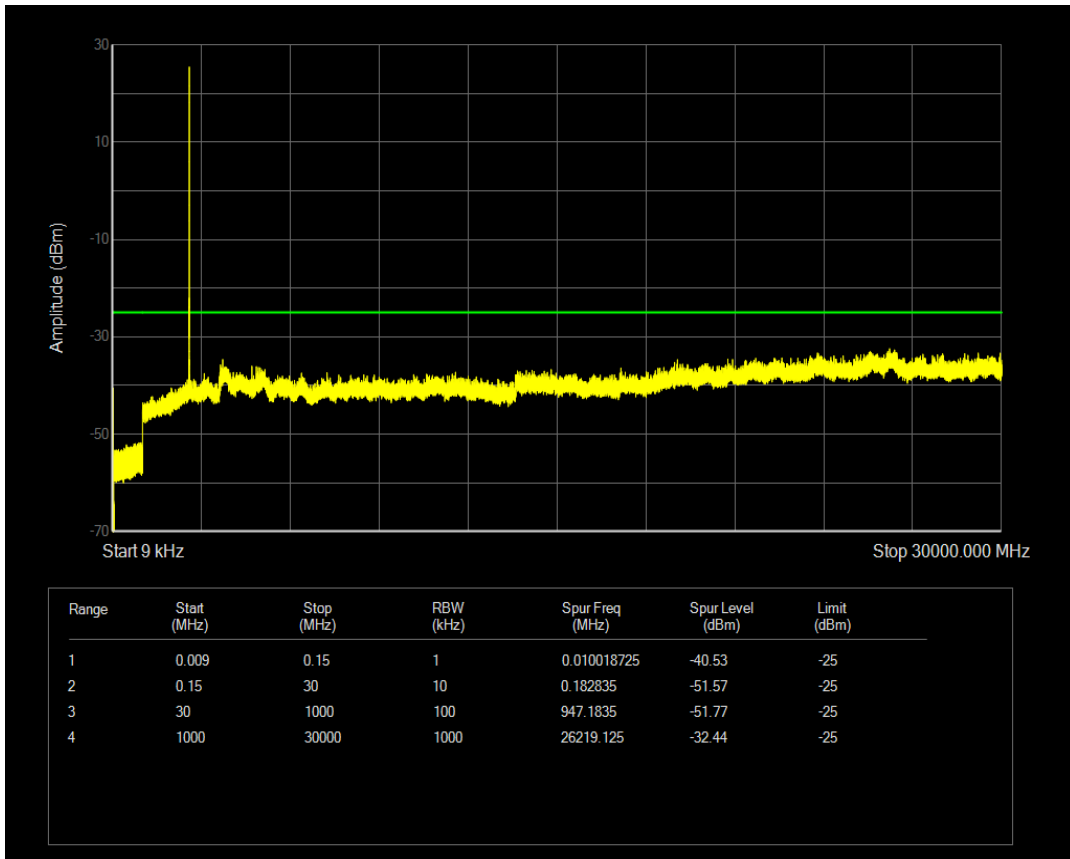
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=515000 RB=24@0



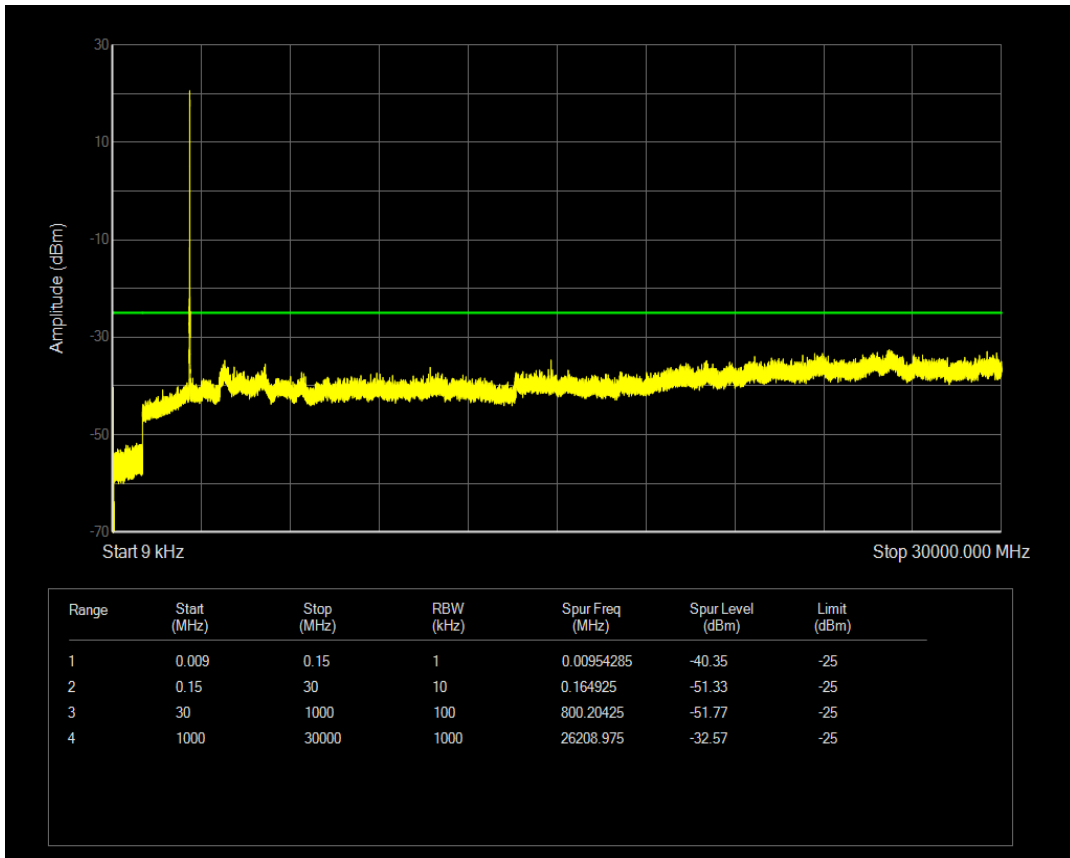
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=515000 RB=1@0



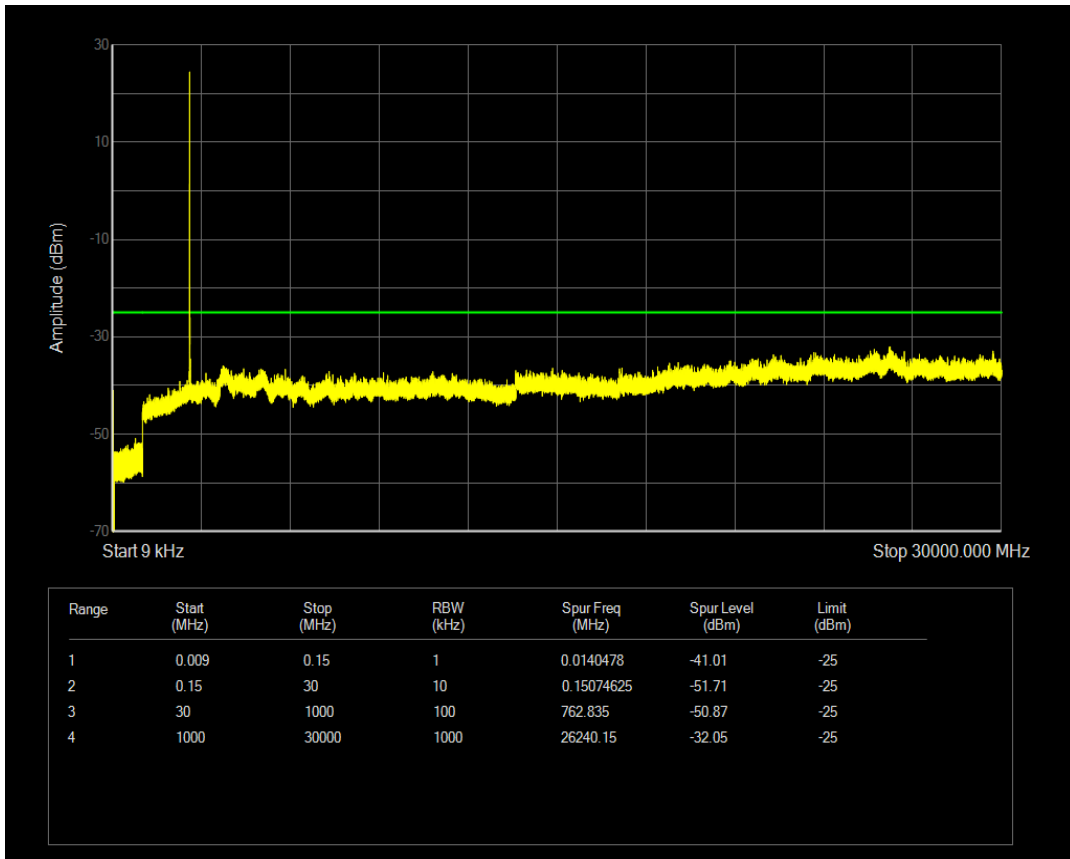
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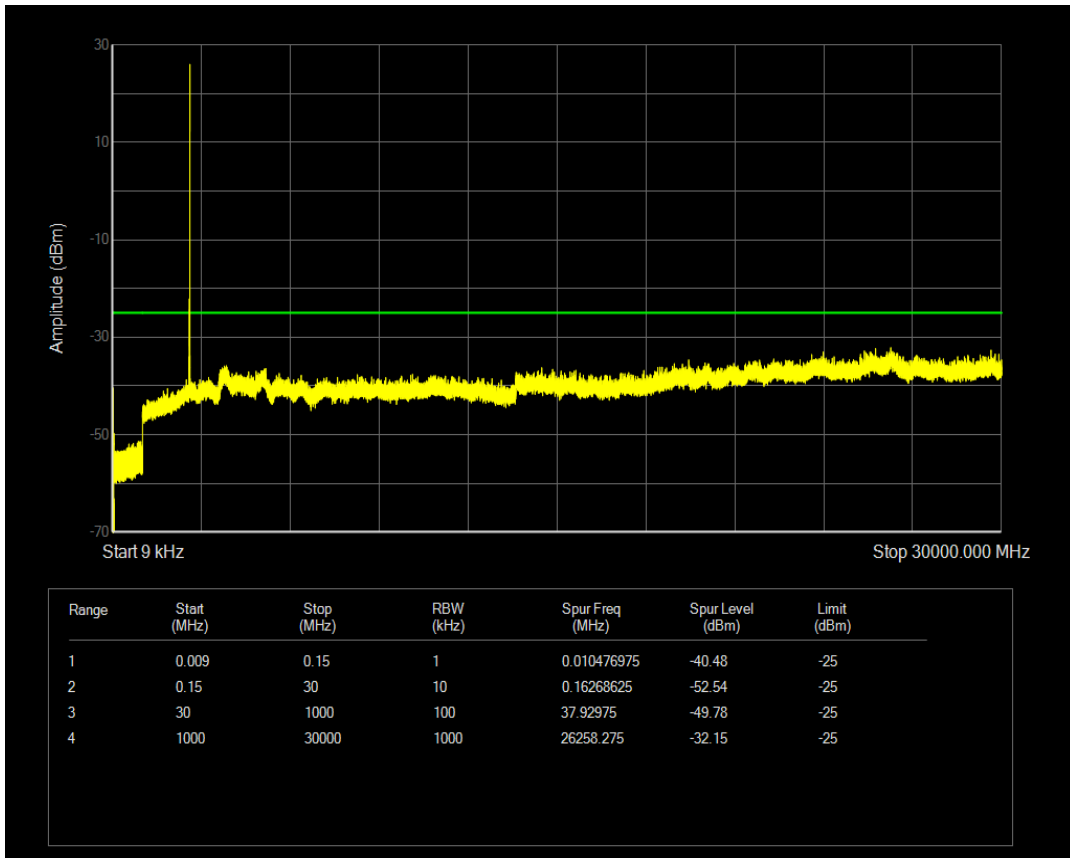
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=519000 RB=24 @0



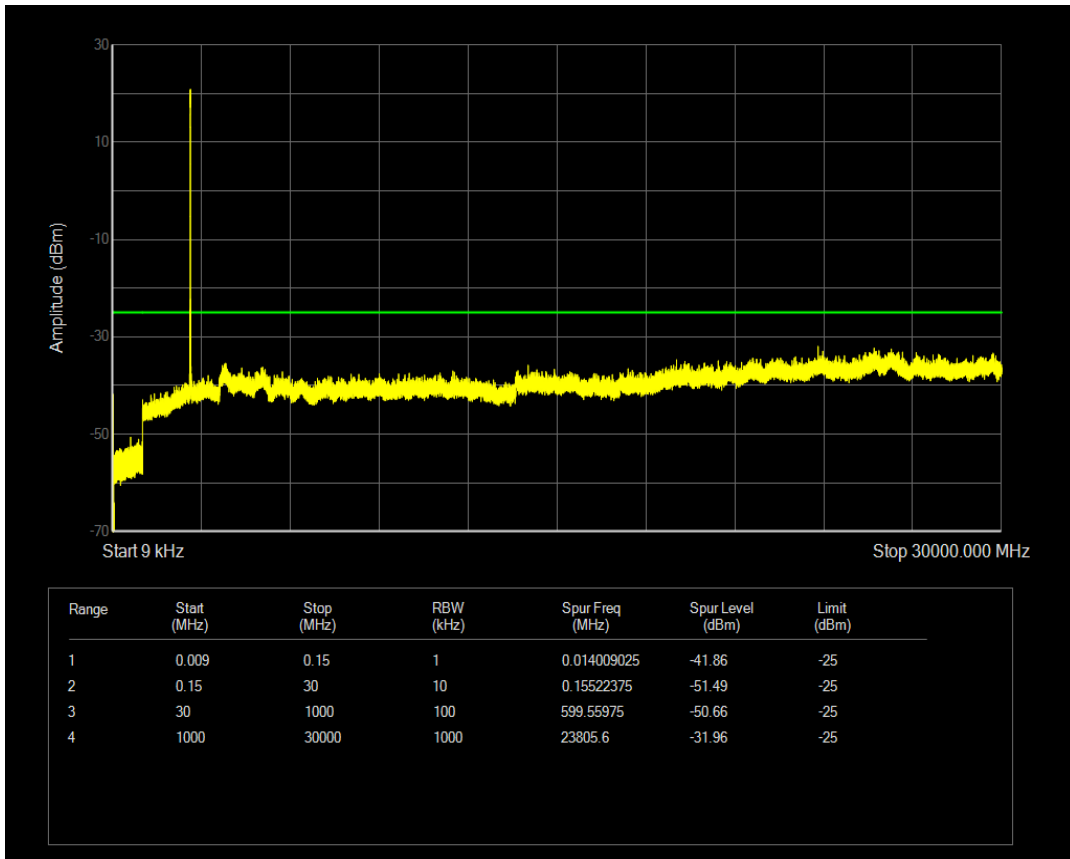
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=519000 RB=1@0



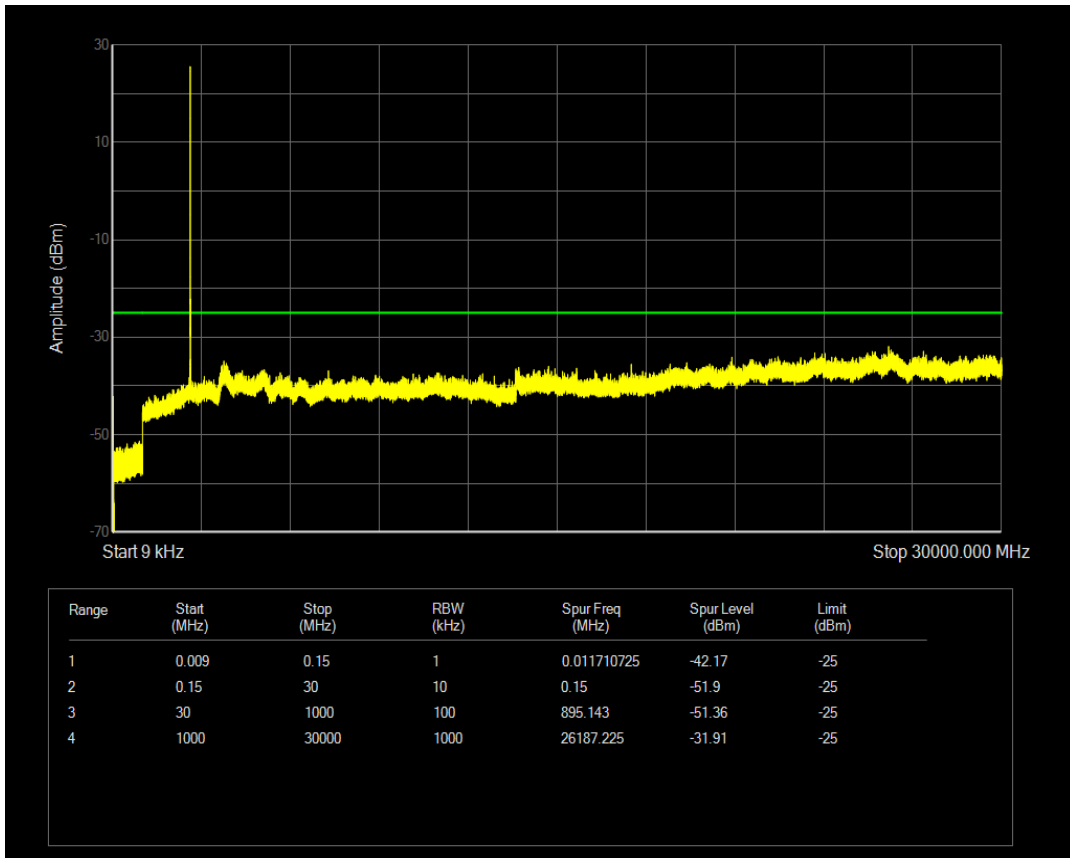
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=519000 RB=1@23



n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=523000 RB=24@0

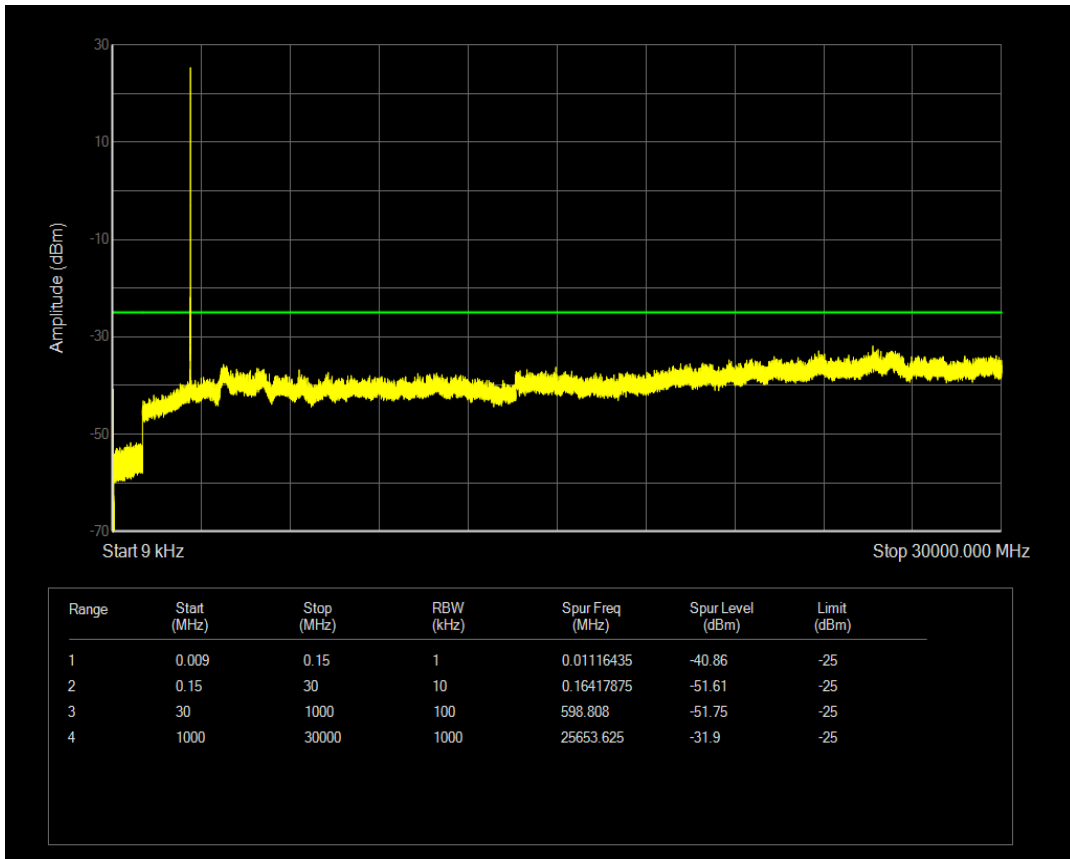


n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=523000 RB=1@0

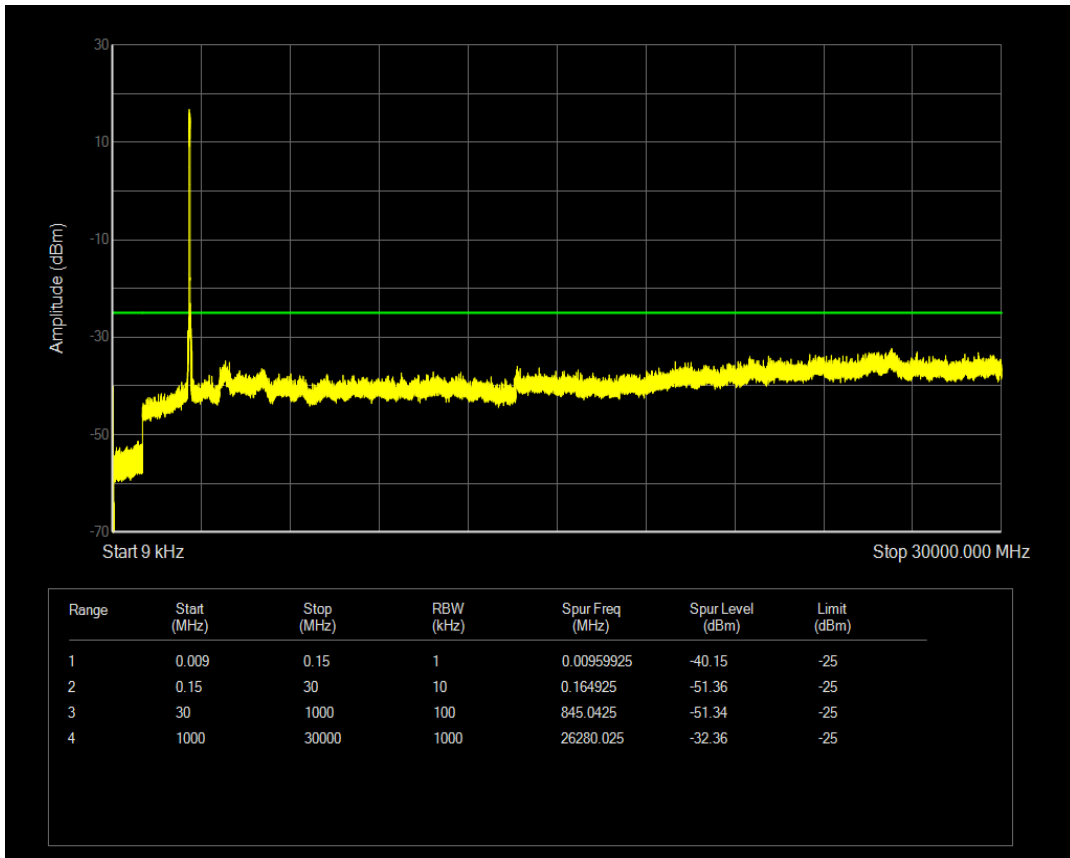




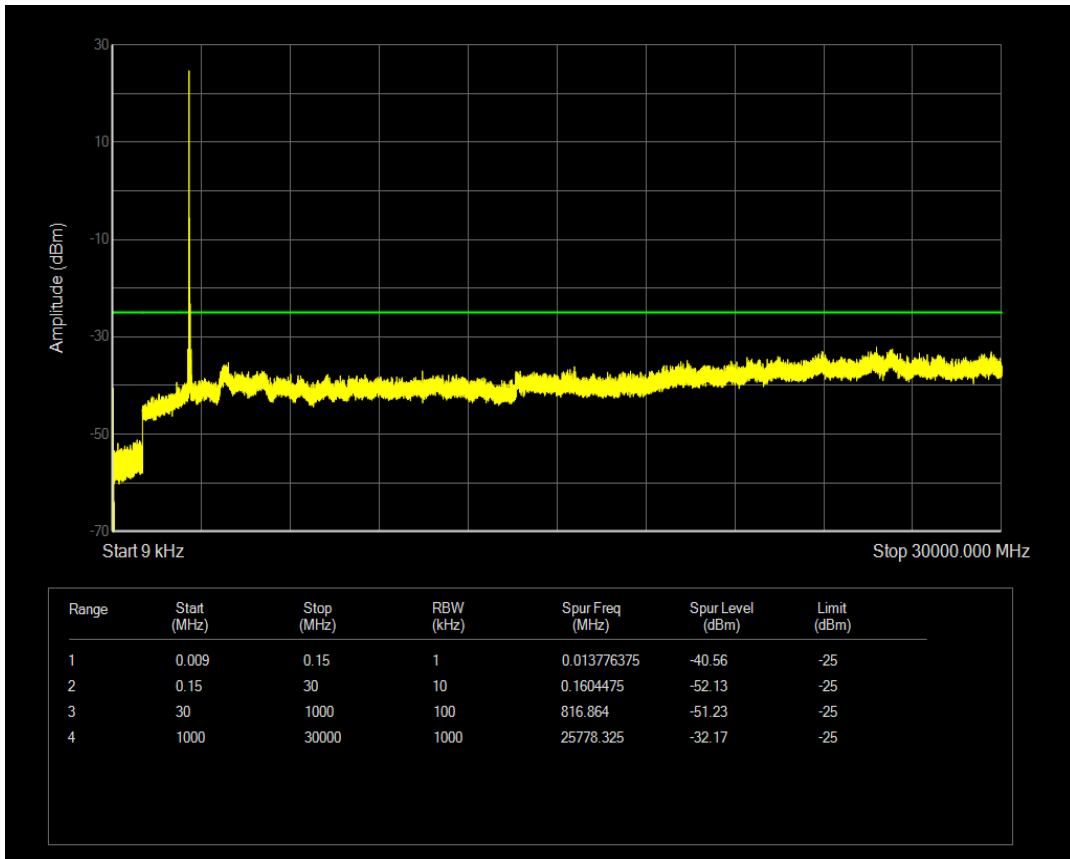
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=523000 RB=1 @23



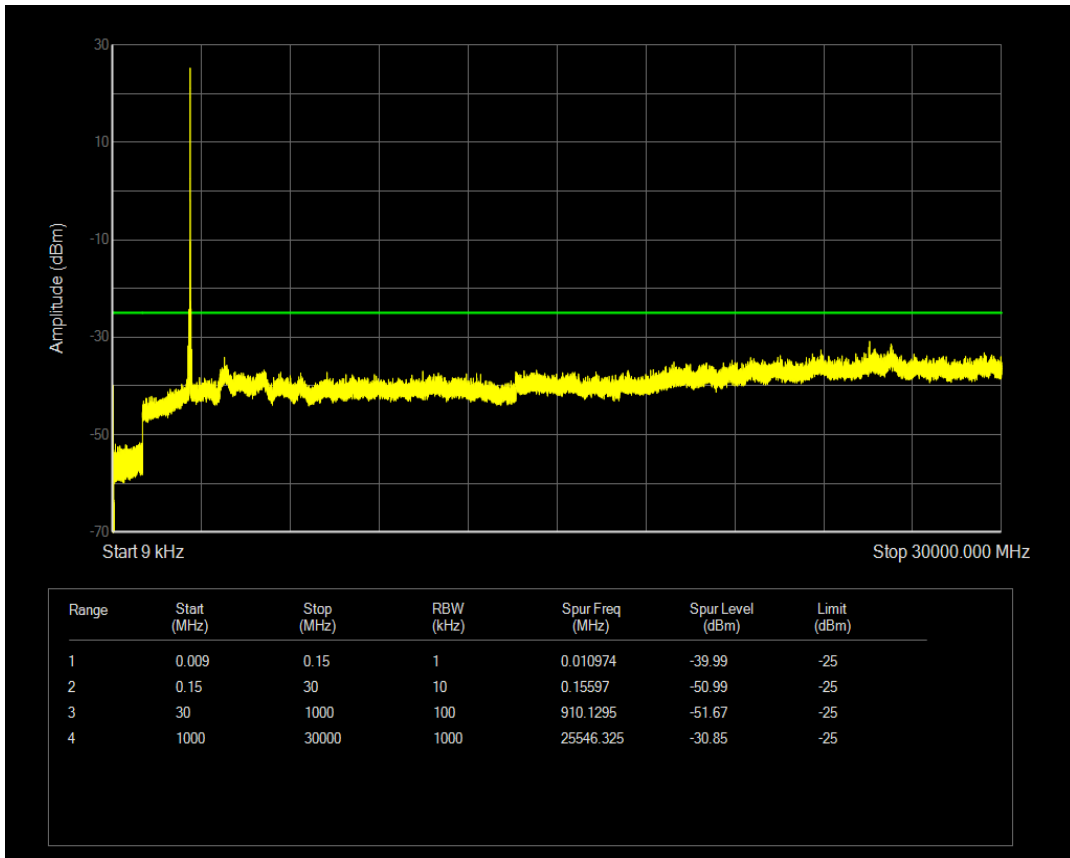
n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=518000 RB=100 @0



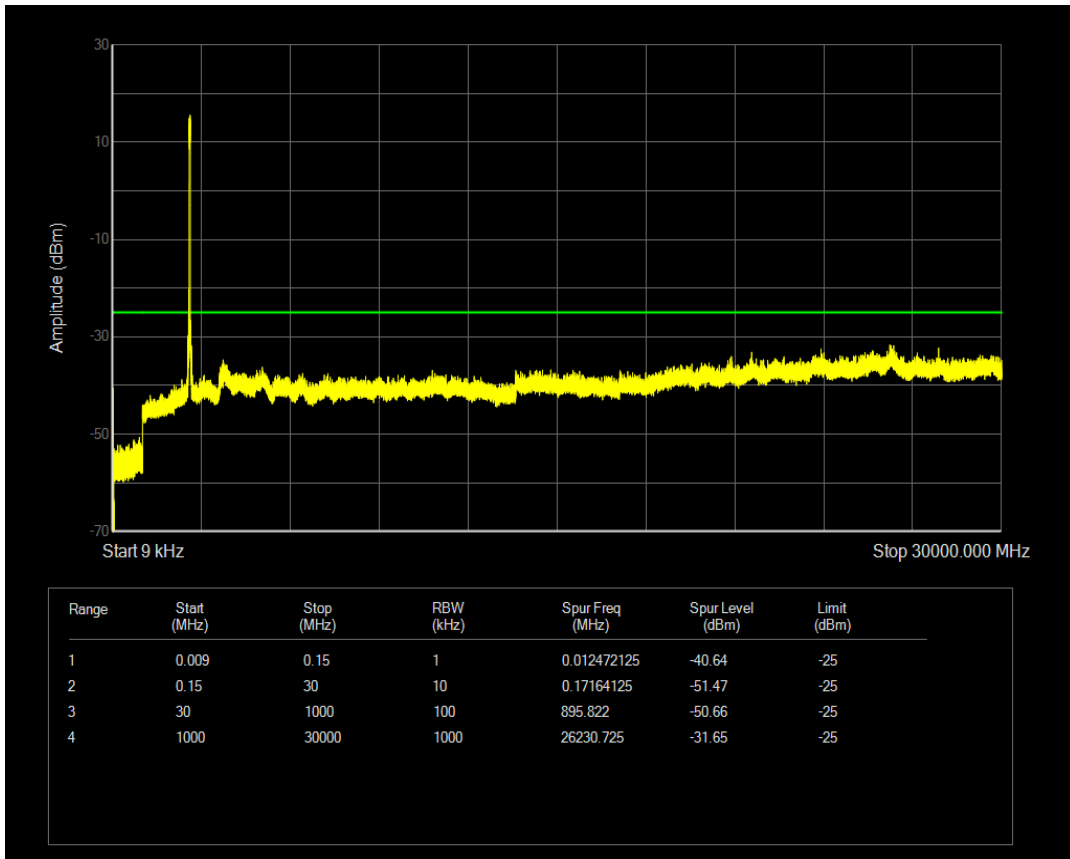
n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=518000 RB=1 @0



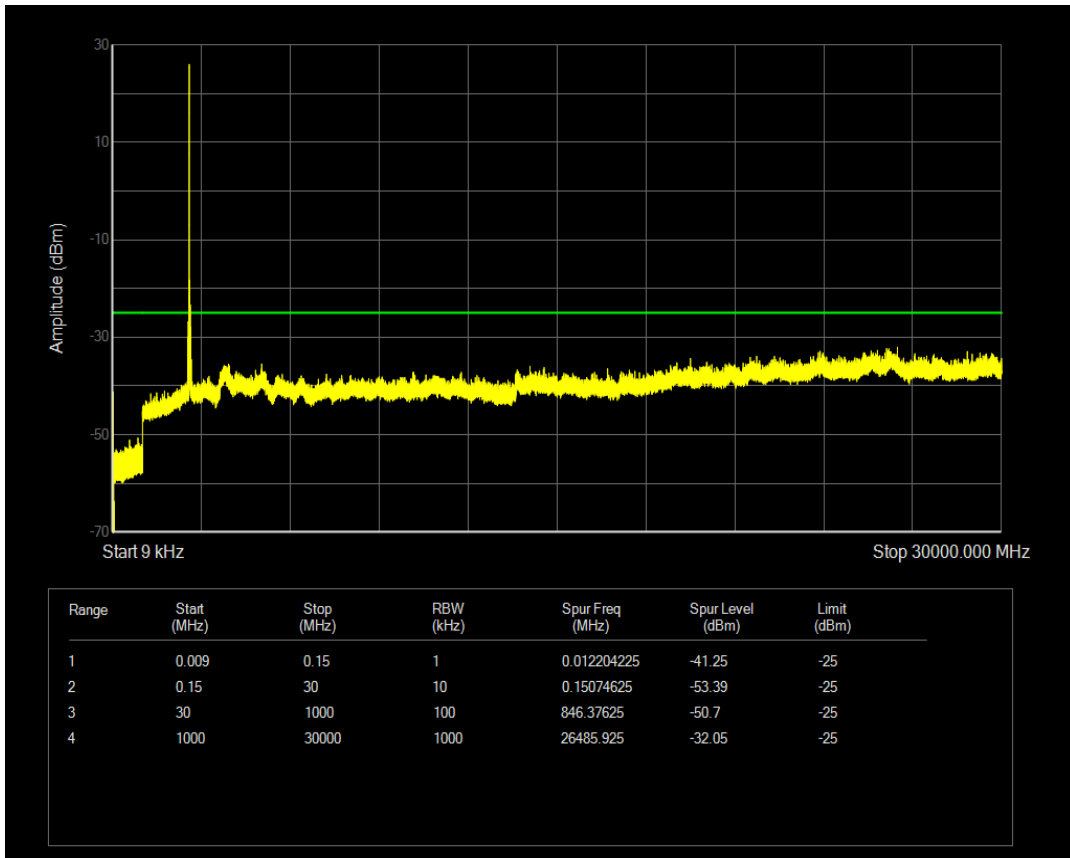
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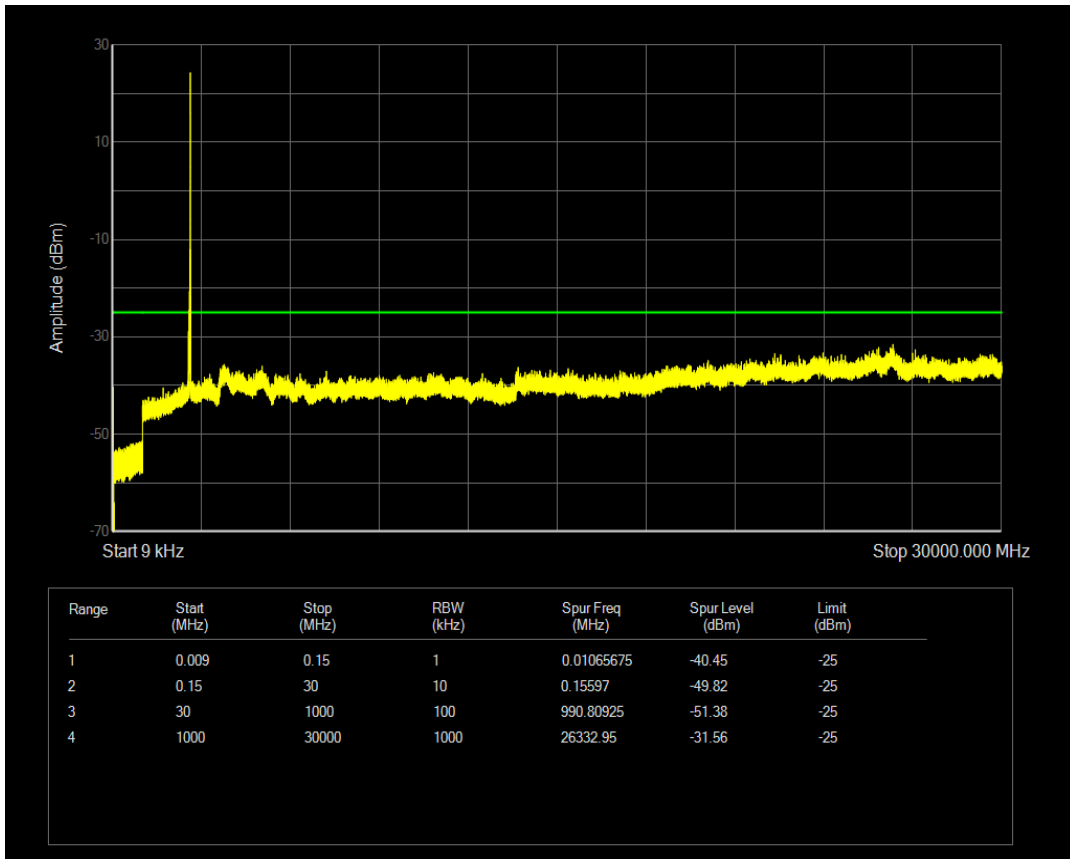
n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=519000 RB=100@0



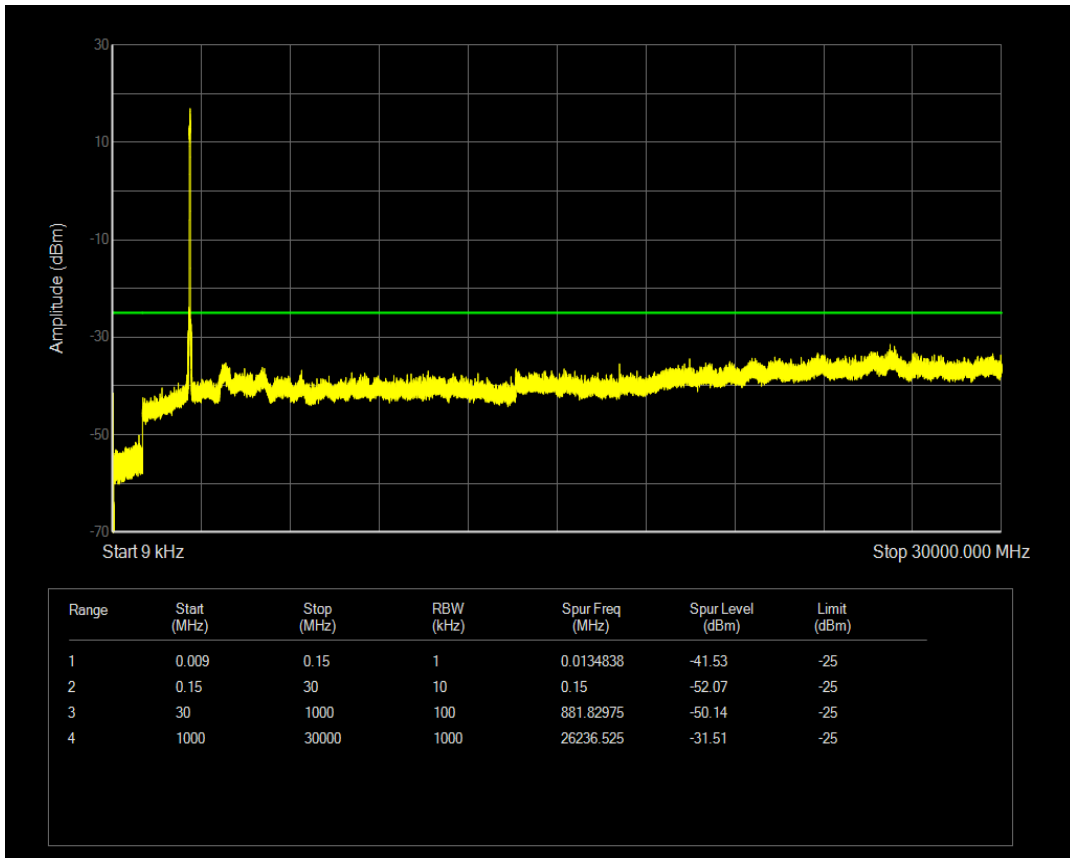
n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=519000 RB=1@0



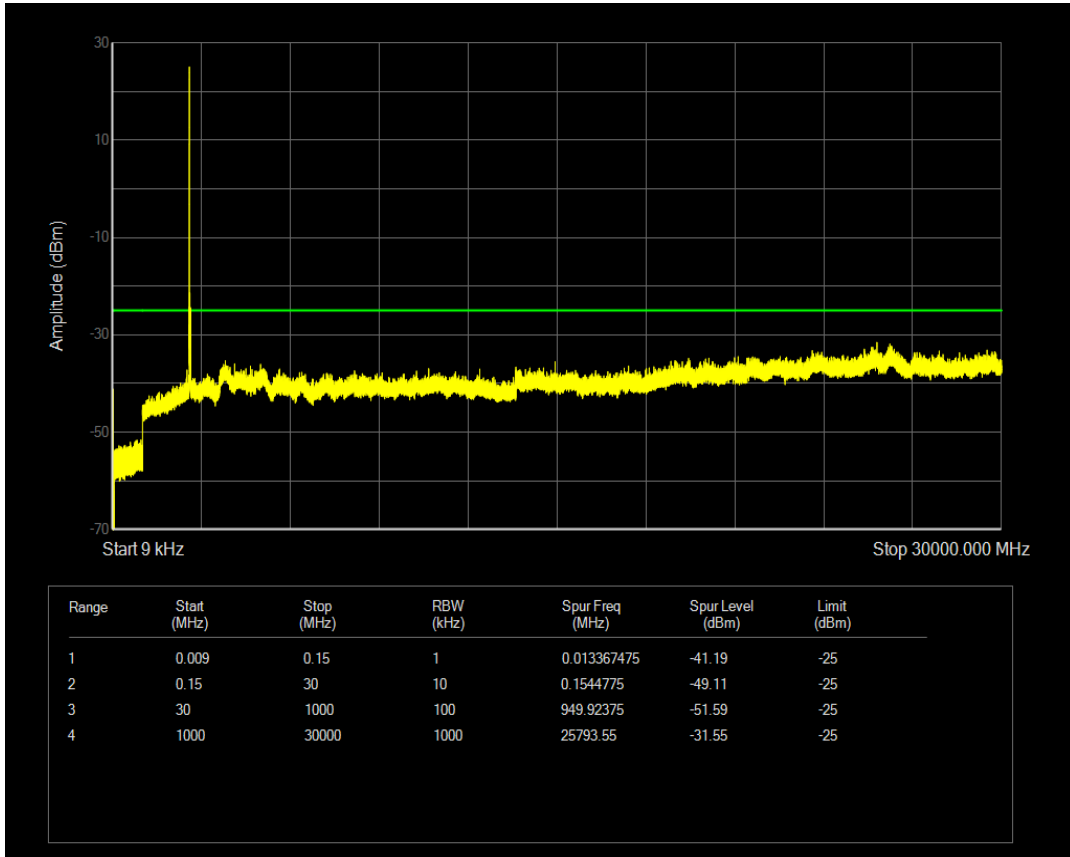
n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=519000 RB=1@105



n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=520000 RB=100@0



n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=520000 RB=1 @0



n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=520000 RB=1 @105

