

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	23.26	-3.76	19.50	33.01	PASS
n38	30	10	515000	1@1	DFT_BPSK	23.02	-3.76	19.26	33.01	PASS
n38	30	10	515000	1@22	DFT_BPSK	23.34	-3.76	19.58	33.01	PASS
n38	30	10	515000	12@6	DFT_QPSK	23.32	-3.76	19.56	33.01	PASS
n38	30	10	515000	1@1	DFT_QPSK	22.93	-3.76	19.17	33.01	PASS
n38	30	10	515000	1@22	DFT_QPSK	23.11	-3.76	19.35	33.01	PASS
n38	30	10	515000	12@6	DFT_QAM16	22.25	-3.76	18.49	33.01	PASS
n38	30	10	515000	1@1	DFT_QAM16	22.09	-3.76	18.33	33.01	PASS
n38	30	10	515000	1@22	DFT_QAM16	22.24	-3.76	18.48	33.01	PASS
n38	30	10	515000	12@6	DFT_QAM64	20.70	-3.76	16.94	33.01	PASS
n38	30	10	515000	1@1	DFT_QAM64	20.65	-3.76	16.89	33.01	PASS
n38	30	10	515000	1@22	DFT_QAM64	20.79	-3.76	17.03	33.01	PASS
n38	30	10	515000	12@6	DFT_QAM256	18.86	-3.76	15.10	33.01	PASS
n38	30	10	515000	1@1	DFT_QAM256	18.82	-3.76	15.06	33.01	PASS
n38	30	10	515000	1@22	DFT_QAM256	18.95	-3.76	15.19	33.01	PASS
n38	30	10	515000	12@6	CP_QPSK	21.74	-3.76	17.98	33.01	PASS
n38	30	10	515000	1@1	CP_QPSK	21.51	-3.76	17.75	33.01	PASS
n38	30	10	515000	1@22	CP_QPSK	21.66	-3.76	17.90	33.01	PASS
n38	30	10	515000	12@6	CP_QAM16	21.21	-3.76	17.45	33.01	PASS
n38	30	10	515000	1@1	CP_QAM16	20.97	-3.76	17.21	33.01	PASS
n38	30	10	515000	1@22	CP_QAM16	21.15	-3.76	17.39	33.01	PASS
n38	30	10	515000	12@6	CP_QAM64	19.73	-3.76	15.97	33.01	PASS
n38	30	10	515000	1@1	CP_QAM64	19.51	-3.76	15.75	33.01	PASS
n38	30	10	515000	1@22	CP_QAM64	19.76	-3.76	16.00	33.01	PASS
n38	30	10	515000	12@6	CP_QAM256	16.67	-3.76	12.91	33.01	PASS
n38	30	10	515000	1@1	CP_QAM256	16.40	-3.76	12.64	33.01	PASS
n38	30	10	515000	1@22	CP_QAM256	16.82	-3.76	13.06	33.01	PASS
n38	30	10	519000	12@6	DFT_BPSK	23.12	-3.76	19.36	33.01	PASS
n38	30	10	519000	1@1	DFT_BPSK	23.24	-3.76	19.48	33.01	PASS
n38	30	10	519000	1@22	DFT_BPSK	22.91	-3.76	19.15	33.01	PASS
n38	30	10	519000	12@6	DFT_QPSK	23.21	-3.76	19.45	33.01	PASS
n38	30	10	519000	1@1	DFT_QPSK	23.00	-3.76	19.24	33.01	PASS
n38	30	10	519000	1@22	DFT_QPSK	22.82	-3.76	19.06	33.01	PASS
n38	30	10	519000	12@6	DFT_QAM16	22.10	-3.76	18.34	33.01	PASS
n38	30	10	519000	1@1	DFT_QAM16	21.96	-3.76	18.20	33.01	PASS
n38	30	10	519000	1@22	DFT_QAM16	21.85	-3.76	18.09	33.01	PASS
n38	30	10	519000	12@6	DFT_QAM64	20.56	-3.76	16.80	33.01	PASS
n38	30	10	519000	1@1	DFT_QAM64	20.74	-3.76	16.98	33.01	PASS
n38	30	10	519000	1@22	DFT_QAM64	20.63	-3.76	16.87	33.01	PASS

n38	30	10	519000	12@6	DFT_QAM256	18.74	-3.76	14.98	33.01	PASS
n38	30	10	519000	1@1	DFT_QAM256	18.76	-3.76	15.00	33.01	PASS
n38	30	10	519000	1@22	DFT_QAM256	18.48	-3.76	14.72	33.01	PASS
n38	30	10	519000	12@6	CP_QPSK	21.57	-3.76	17.81	33.01	PASS
n38	30	10	519000	1@1	CP_QPSK	21.63	-3.76	17.87	33.01	PASS
n38	30	10	519000	1@22	CP_QPSK	21.35	-3.76	17.59	33.01	PASS
n38	30	10	519000	12@6	CP_QAM16	21.24	-3.76	17.48	33.01	PASS
n38	30	10	519000	1@1	CP_QAM16	21.20	-3.76	17.44	33.01	PASS
n38	30	10	519000	1@22	CP_QAM16	20.85	-3.76	17.09	33.01	PASS
n38	30	10	519000	12@6	CP_QAM64	19.69	-3.76	15.93	33.01	PASS
n38	30	10	519000	1@1	CP_QAM64	19.78	-3.76	16.02	33.01	PASS
n38	30	10	519000	1@22	CP_QAM64	19.52	-3.76	15.76	33.01	PASS
n38	30	10	519000	12@6	CP_QAM256	16.54	-3.76	12.78	33.01	PASS
n38	30	10	519000	1@1	CP_QAM256	16.55	-3.76	12.79	33.01	PASS
n38	30	10	519000	1@22	CP_QAM256	16.32	-3.76	12.56	33.01	PASS
n38	30	10	523000	12@6	DFT_BPSK	23.19	-3.76	19.43	33.01	PASS
n38	30	10	523000	1@1	DFT_BPSK	23.06	-3.76	19.30	33.01	PASS
n38	30	10	523000	1@22	DFT_BPSK	23.18	-3.76	19.42	33.01	PASS
n38	30	10	523000	12@6	DFT_QPSK	23.18	-3.76	19.42	33.01	PASS
n38	30	10	523000	1@1	DFT_QPSK	22.86	-3.76	19.10	33.01	PASS
n38	30	10	523000	1@22	DFT_QPSK	23.04	-3.76	19.28	33.01	PASS
n38	30	10	523000	12@6	DFT_QAM16	22.11	-3.76	18.35	33.01	PASS
n38	30	10	523000	1@1	DFT_QAM16	21.86	-3.76	18.10	33.01	PASS
n38	30	10	523000	1@22	DFT_QAM16	22.23	-3.76	18.47	33.01	PASS
n38	30	10	523000	12@6	DFT_QAM64	20.67	-3.76	16.91	33.01	PASS
n38	30	10	523000	1@1	DFT_QAM64	20.60	-3.76	16.84	33.01	PASS
n38	30	10	523000	1@22	DFT_QAM64	20.65	-3.76	16.89	33.01	PASS
n38	30	10	523000	12@6	DFT_QAM256	18.51	-3.76	14.75	33.01	PASS
n38	30	10	523000	1@1	DFT_QAM256	18.83	-3.76	15.07	33.01	PASS
n38	30	10	523000	1@22	DFT_QAM256	18.79	-3.76	15.03	33.01	PASS
n38	30	10	523000	12@6	CP_QPSK	21.67	-3.76	17.91	33.01	PASS
n38	30	10	523000	1@1	CP_QPSK	21.49	-3.76	17.73	33.01	PASS
n38	30	10	523000	1@22	CP_QPSK	21.66	-3.76	17.90	33.01	PASS
n38	30	10	523000	12@6	CP_QAM16	21.22	-3.76	17.46	33.01	PASS
n38	30	10	523000	1@1	CP_QAM16	20.94	-3.76	17.18	33.01	PASS
n38	30	10	523000	1@22	CP_QAM16	21.10	-3.76	17.34	33.01	PASS
n38	30	10	523000	12@6	CP_QAM64	19.69	-3.76	15.93	33.01	PASS
n38	30	10	523000	1@1	CP_QAM64	19.54	-3.76	15.78	33.01	PASS
n38	30	10	523000	1@22	CP_QAM64	19.76	-3.76	16.00	33.01	PASS
n38	30	10	523000	12@6	CP_QAM256	16.63	-3.76	12.87	33.01	PASS
n38	30	10	523000	1@1	CP_QAM256	16.52	-3.76	12.76	33.01	PASS
n38	30	10	523000	1@22	CP_QAM256	16.60	-3.76	12.84	33.01	PASS
n38	30	15	515500	18@9	DFT_BPSK	23.30	-3.76	19.54	33.01	PASS

n38	30	15	515500	1@1	DFT_BPSK	23.10	-3.76	19.34	33.01	PASS
n38	30	15	515500	1@36	DFT_BPSK	23.24	-3.76	19.48	33.01	PASS
n38	30	15	515500	18@9	DFT_QPSK	23.30	-3.76	19.54	33.01	PASS
n38	30	15	515500	1@1	DFT_QPSK	22.87	-3.76	19.11	33.01	PASS
n38	30	15	515500	1@36	DFT_QPSK	23.12	-3.76	19.36	33.01	PASS
n38	30	15	515500	18@9	DFT_QAM16	22.20	-3.76	18.44	33.01	PASS
n38	30	15	515500	1@1	DFT_QAM16	21.95	-3.76	18.19	33.01	PASS
n38	30	15	515500	1@36	DFT_QAM16	22.19	-3.76	18.43	33.01	PASS
n38	30	15	515500	18@9	DFT_QAM64	20.81	-3.76	17.05	33.01	PASS
n38	30	15	515500	1@1	DFT_QAM64	20.56	-3.76	16.80	33.01	PASS
n38	30	15	515500	1@36	DFT_QAM64	20.80	-3.76	17.04	33.01	PASS
n38	30	15	515500	18@9	DFT_QAM256	18.82	-3.76	15.06	33.01	PASS
n38	30	15	515500	1@1	DFT_QAM256	18.62	-3.76	14.86	33.01	PASS
n38	30	15	515500	1@36	DFT_QAM256	18.93	-3.76	15.17	33.01	PASS
n38	30	15	515500	19@9	CP_QPSK	21.73	-3.76	17.97	33.01	PASS
n38	30	15	515500	1@1	CP_QPSK	21.47	-3.76	17.71	33.01	PASS
n38	30	15	515500	1@36	CP_QPSK	21.58	-3.76	17.82	33.01	PASS
n38	30	15	515500	19@9	CP_QAM16	21.25	-3.76	17.49	33.01	PASS
n38	30	15	515500	1@1	CP_QAM16	20.94	-3.76	17.18	33.01	PASS
n38	30	15	515500	1@36	CP_QAM16	21.12	-3.76	17.36	33.01	PASS
n38	30	15	515500	19@9	CP_QAM64	19.67	-3.76	15.91	33.01	PASS
n38	30	15	515500	1@1	CP_QAM64	19.50	-3.76	15.74	33.01	PASS
n38	30	15	515500	1@36	CP_QAM64	19.74	-3.76	15.98	33.01	PASS
n38	30	15	515500	19@9	CP_QAM256	16.84	-3.76	13.08	33.01	PASS
n38	30	15	515500	1@1	CP_QAM256	16.62	-3.76	12.86	33.01	PASS
n38	30	15	515500	1@36	CP_QAM256	16.90	-3.76	13.14	33.01	PASS
n38	30	15	519000	18@9	DFT_BPSK	23.09	-3.76	19.33	33.01	PASS
n38	30	15	519000	1@1	DFT_BPSK	23.21	-3.76	19.45	33.01	PASS
n38	30	15	519000	1@36	DFT_BPSK	22.78	-3.76	19.02	33.01	PASS
n38	30	15	519000	18@9	DFT_QPSK	23.08	-3.76	19.32	33.01	PASS
n38	30	15	519000	1@1	DFT_QPSK	23.01	-3.76	19.25	33.01	PASS
n38	30	15	519000	1@36	DFT_QPSK	22.68	-3.76	18.92	33.01	PASS
n38	30	15	519000	18@9	DFT_QAM16	22.09	-3.76	18.33	33.01	PASS
n38	30	15	519000	1@1	DFT_QAM16	21.98	-3.76	18.22	33.01	PASS
n38	30	15	519000	1@36	DFT_QAM16	21.62	-3.76	17.86	33.01	PASS
n38	30	15	519000	18@9	DFT_QAM64	20.70	-3.76	16.94	33.01	PASS
n38	30	15	519000	1@1	DFT_QAM64	20.95	-3.76	17.19	33.01	PASS
n38	30	15	519000	1@36	DFT_QAM64	20.58	-3.76	16.82	33.01	PASS
n38	30	15	519000	18@9	DFT_QAM256	18.51	-3.76	14.75	33.01	PASS
n38	30	15	519000	1@1	DFT_QAM256	19.00	-3.76	15.24	33.01	PASS
n38	30	15	519000	1@36	DFT_QAM256	18.43	-3.76	14.67	33.01	PASS
n38	30	15	519000	19@9	CP_QPSK	21.58	-3.76	17.82	33.01	PASS
n38	30	15	519000	1@1	CP_QPSK	21.88	-3.76	18.12	33.01	PASS

n38	30	15	519000	1@36	CP_QPSK	21.40	-3.76	17.64	33.01	PASS
n38	30	15	519000	19@9	CP_QAM16	21.02	-3.76	17.26	33.01	PASS
n38	30	15	519000	1@1	CP_QAM16	21.31	-3.76	17.55	33.01	PASS
n38	30	15	519000	1@36	CP_QAM16	20.96	-3.76	17.20	33.01	PASS
n38	30	15	519000	19@9	CP_QAM64	19.50	-3.76	15.74	33.01	PASS
n38	30	15	519000	1@1	CP_QAM64	19.37	-3.76	15.61	33.01	PASS
n38	30	15	519000	1@36	CP_QAM64	19.33	-3.76	15.57	33.01	PASS
n38	30	15	519000	19@9	CP_QAM256	16.70	-3.76	12.94	33.01	PASS
n38	30	15	519000	1@1	CP_QAM256	16.85	-3.76	13.09	33.01	PASS
n38	30	15	519000	1@36	CP_QAM256	16.51	-3.76	12.75	33.01	PASS
n38	30	15	522500	18@9	DFT_BPSK	23.02	-3.76	19.26	33.01	PASS
n38	30	15	522500	1@1	DFT_BPSK	22.76	-3.76	19.00	33.01	PASS
n38	30	15	522500	1@36	DFT_BPSK	23.14	-3.76	19.38	33.01	PASS
n38	30	15	522500	18@9	DFT_QPSK	23.02	-3.76	19.26	33.01	PASS
n38	30	15	522500	1@1	DFT_QPSK	22.60	-3.76	18.84	33.01	PASS
n38	30	15	522500	1@36	DFT_QPSK	22.96	-3.76	19.20	33.01	PASS
n38	30	15	522500	18@9	DFT_QAM16	22.09	-3.76	18.33	33.01	PASS
n38	30	15	522500	1@1	DFT_QAM16	21.57	-3.76	17.81	33.01	PASS
n38	30	15	522500	1@36	DFT_QAM16	21.94	-3.76	18.18	33.01	PASS
n38	30	15	522500	18@9	DFT_QAM64	20.48	-3.76	16.72	33.01	PASS
n38	30	15	522500	1@1	DFT_QAM64	20.51	-3.76	16.75	33.01	PASS
n38	30	15	522500	1@36	DFT_QAM64	20.96	-3.76	17.20	33.01	PASS
n38	30	15	522500	18@9	DFT_QAM256	18.60	-3.76	14.84	33.01	PASS
n38	30	15	522500	1@1	DFT_QAM256	18.58	-3.76	14.82	33.01	PASS
n38	30	15	522500	1@36	DFT_QAM256	18.81	-3.76	15.05	33.01	PASS
n38	30	15	522500	19@9	CP_QPSK	21.46	-3.76	17.70	33.01	PASS
n38	30	15	522500	1@1	CP_QPSK	21.29	-3.76	17.53	33.01	PASS
n38	30	15	522500	1@36	CP_QPSK	21.81	-3.76	18.05	33.01	PASS
n38	30	15	522500	19@9	CP_QAM16	21.03	-3.76	17.27	33.01	PASS
n38	30	15	522500	1@1	CP_QAM16	21.17	-3.76	17.41	33.01	PASS
n38	30	15	522500	1@36	CP_QAM16	21.21	-3.76	17.45	33.01	PASS
n38	30	15	522500	19@9	CP_QAM64	19.42	-3.76	15.66	33.01	PASS
n38	30	15	522500	1@1	CP_QAM64	19.07	-3.76	15.31	33.01	PASS
n38	30	15	522500	1@36	CP_QAM64	19.60	-3.76	15.84	33.01	PASS
n38	30	15	522500	19@9	CP_QAM256	16.55	-3.76	12.79	33.01	PASS
n38	30	15	522500	1@1	CP_QAM256	16.21	-3.76	12.45	33.01	PASS
n38	30	15	522500	1@36	CP_QAM256	16.84	-3.76	13.08	33.01	PASS
n38	30	20	516000	25@12	DFT_BPSK	23.34	-3.76	19.58	33.01	PASS
n38	30	20	516000	1@1	DFT_BPSK	22.94	-3.76	19.18	33.01	PASS
n38	30	20	516000	1@49	DFT_BPSK	23.13	-3.76	19.37	33.01	PASS
n38	30	20	516000	25@12	DFT_QPSK	23.31	-3.76	19.55	33.01	PASS
n38	30	20	516000	1@1	DFT_QPSK	22.86	-3.76	19.10	33.01	PASS
n38	30	20	516000	1@49	DFT_QPSK	23.00	-3.76	19.24	33.01	PASS

n38	30	20	516000	25@12	DFT_QAM16	22.35	-3.76	18.59	33.01	PASS
n38	30	20	516000	1@1	DFT_QAM16	21.79	-3.76	18.03	33.01	PASS
n38	30	20	516000	1@49	DFT_QAM16	22.03	-3.76	18.27	33.01	PASS
n38	30	20	516000	25@12	DFT_QAM64	20.92	-3.76	17.16	33.01	PASS
n38	30	20	516000	1@1	DFT_QAM64	20.62	-3.76	16.86	33.01	PASS
n38	30	20	516000	1@49	DFT_QAM64	20.96	-3.76	17.20	33.01	PASS
n38	30	20	516000	25@12	DFT_QAM256	18.80	-3.76	15.04	33.01	PASS
n38	30	20	516000	1@1	DFT_QAM256	18.77	-3.76	15.01	33.01	PASS
n38	30	20	516000	1@49	DFT_QAM256	18.95	-3.76	15.19	33.01	PASS
n38	30	20	516000	25@12	CP_QPSK	21.97	-3.76	18.21	33.01	PASS
n38	30	20	516000	1@1	CP_QPSK	21.55	-3.76	17.79	33.01	PASS
n38	30	20	516000	1@49	CP_QPSK	21.66	-3.76	17.90	33.01	PASS
n38	30	20	516000	25@12	CP_QAM16	21.26	-3.76	17.50	33.01	PASS
n38	30	20	516000	1@1	CP_QAM16	20.97	-3.76	17.21	33.01	PASS
n38	30	20	516000	1@49	CP_QAM16	21.15	-3.76	17.39	33.01	PASS
n38	30	20	516000	25@12	CP_QAM64	19.74	-3.76	15.98	33.01	PASS
n38	30	20	516000	1@1	CP_QAM64	19.37	-3.76	15.61	33.01	PASS
n38	30	20	516000	1@49	CP_QAM64	19.40	-3.76	15.64	33.01	PASS
n38	30	20	516000	25@12	CP_QAM256	16.90	-3.76	13.14	33.01	PASS
n38	30	20	516000	1@1	CP_QAM256	16.35	-3.76	12.59	33.01	PASS
n38	30	20	516000	1@49	CP_QAM256	16.81	-3.76	13.05	33.01	PASS
n38	30	20	519000	25@12	DFT_BPSK	23.09	-3.76	19.33	33.01	PASS
n38	30	20	519000	1@1	DFT_BPSK	23.12	-3.76	19.36	33.01	PASS
n38	30	20	519000	1@49	DFT_BPSK	22.76	-3.76	19.00	33.01	PASS
n38	30	20	519000	25@12	DFT_QPSK	23.15	-3.76	19.39	33.01	PASS
n38	30	20	519000	1@1	DFT_QPSK	22.99	-3.76	19.23	33.01	PASS
n38	30	20	519000	1@49	DFT_QPSK	22.63	-3.76	18.87	33.01	PASS
n38	30	20	519000	25@12	DFT_QAM16	22.12	-3.76	18.36	33.01	PASS
n38	30	20	519000	1@1	DFT_QAM16	22.06	-3.76	18.30	33.01	PASS
n38	30	20	519000	1@49	DFT_QAM16	21.75	-3.76	17.99	33.01	PASS
n38	30	20	519000	25@12	DFT_QAM64	20.60	-3.76	16.84	33.01	PASS
n38	30	20	519000	1@1	DFT_QAM64	20.82	-3.76	17.06	33.01	PASS
n38	30	20	519000	1@49	DFT_QAM64	20.48	-3.76	16.72	33.01	PASS
n38	30	20	519000	25@12	DFT_QAM256	18.56	-3.76	14.80	33.01	PASS
n38	30	20	519000	1@1	DFT_QAM256	18.76	-3.76	15.00	33.01	PASS
n38	30	20	519000	1@49	DFT_QAM256	18.51	-3.76	14.75	33.01	PASS
n38	30	20	519000	25@12	CP_QPSK	21.62	-3.76	17.86	33.01	PASS
n38	30	20	519000	1@1	CP_QPSK	21.63	-3.76	17.87	33.01	PASS
n38	30	20	519000	1@49	CP_QPSK	21.20	-3.76	17.44	33.01	PASS
n38	30	20	519000	25@12	CP_QAM16	21.13	-3.76	17.37	33.01	PASS
n38	30	20	519000	1@1	CP_QAM16	21.03	-3.76	17.27	33.01	PASS
n38	30	20	519000	1@49	CP_QAM16	20.60	-3.76	16.84	33.01	PASS
n38	30	20	519000	25@12	CP_QAM64	19.54	-3.76	15.78	33.01	PASS

n38	30	20	519000	1@1	CP_QAM64	19.64	-3.76	15.88	33.01	PASS
n38	30	20	519000	1@49	CP_QAM64	19.27	-3.76	15.51	33.01	PASS
n38	30	20	519000	25@12	CP_QAM256	16.70	-3.76	12.94	33.01	PASS
n38	30	20	519000	1@1	CP_QAM256	16.81	-3.76	13.05	33.01	PASS
n38	30	20	519000	1@49	CP_QAM256	16.37	-3.76	12.61	33.01	PASS
n38	30	20	522000	25@12	DFT_BPSK	23.04	-3.76	19.28	33.01	PASS
n38	30	20	522000	1@1	DFT_BPSK	22.77	-3.76	19.01	33.01	PASS
n38	30	20	522000	1@49	DFT_BPSK	23.16	-3.76	19.40	33.01	PASS
n38	30	20	522000	25@12	DFT_QPSK	23.03	-3.76	19.27	33.01	PASS
n38	30	20	522000	1@1	DFT_QPSK	22.67	-3.76	18.91	33.01	PASS
n38	30	20	522000	1@49	DFT_QPSK	22.95	-3.76	19.19	33.01	PASS
n38	30	20	522000	25@12	DFT_QAM16	22.06	-3.76	18.30	33.01	PASS
n38	30	20	522000	1@1	DFT_QAM16	21.63	-3.76	17.87	33.01	PASS
n38	30	20	522000	1@49	DFT_QAM16	21.94	-3.76	18.18	33.01	PASS
n38	30	20	522000	25@12	DFT_QAM64	20.66	-3.76	16.90	33.01	PASS
n38	30	20	522000	1@1	DFT_QAM64	20.35	-3.76	16.59	33.01	PASS
n38	30	20	522000	1@49	DFT_QAM64	20.59	-3.76	16.83	33.01	PASS
n38	30	20	522000	25@12	DFT_QAM256	18.44	-3.76	14.68	33.01	PASS
n38	30	20	522000	1@1	DFT_QAM256	18.44	-3.76	14.68	33.01	PASS
n38	30	20	522000	1@49	DFT_QAM256	18.81	-3.76	15.05	33.01	PASS
n38	30	20	522000	25@12	CP_QPSK	21.59	-3.76	17.83	33.01	PASS
n38	30	20	522000	1@1	CP_QPSK	21.15	-3.76	17.39	33.01	PASS
n38	30	20	522000	1@49	CP_QPSK	21.49	-3.76	17.73	33.01	PASS
n38	30	20	522000	25@12	CP_QAM16	20.97	-3.76	17.21	33.01	PASS
n38	30	20	522000	1@1	CP_QAM16	20.73	-3.76	16.97	33.01	PASS
n38	30	20	522000	1@49	CP_QAM16	20.96	-3.76	17.20	33.01	PASS
n38	30	20	522000	25@12	CP_QAM64	19.48	-3.76	15.72	33.01	PASS
n38	30	20	522000	1@1	CP_QAM64	19.57	-3.76	15.81	33.01	PASS
n38	30	20	522000	1@49	CP_QAM64	19.86	-3.76	16.10	33.01	PASS
n38	30	20	522000	25@12	CP_QAM256	16.64	-3.76	12.88	33.01	PASS
n38	30	20	522000	1@1	CP_QAM256	16.12	-3.76	12.36	33.01	PASS
n38	30	20	522000	1@49	CP_QAM256	16.53	-3.76	12.77	33.01	PASS
n38	30	40	518000	50@25	DFT_BPSK	23.23	-3.76	19.47	33.01	PASS
n38	30	40	518000	1@1	DFT_BPSK	22.67	-3.76	18.91	33.01	PASS
n38	30	40	518000	1@104	DFT_BPSK	22.39	-3.76	18.63	33.01	PASS
n38	30	40	518000	50@25	DFT_QPSK	23.24	-3.76	19.48	33.01	PASS
n38	30	40	518000	1@1	DFT_QPSK	22.53	-3.76	18.77	33.01	PASS
n38	30	40	518000	1@104	DFT_QPSK	22.29	-3.76	18.53	33.01	PASS
n38	30	40	518000	50@25	DFT_QAM16	22.21	-3.76	18.45	33.01	PASS
n38	30	40	518000	1@1	DFT_QAM16	21.63	-3.76	17.87	33.01	PASS
n38	30	40	518000	1@104	DFT_QAM16	21.46	-3.76	17.70	33.01	PASS
n38	30	40	518000	50@25	DFT_QAM64	20.70	-3.76	16.94	33.01	PASS
n38	30	40	518000	1@1	DFT_QAM64	20.34	-3.76	16.58	33.01	PASS

n38	30	40	518000	1@104	DFT_QAM64	20.02	-3.76	16.26	33.01	PASS
n38	30	40	518000	50@25	DFT_QAM256	18.64	-3.76	14.88	33.01	PASS
n38	30	40	518000	1@1	DFT_QAM256	18.37	-3.76	14.61	33.01	PASS
n38	30	40	518000	1@104	DFT_QAM256	18.22	-3.76	14.46	33.01	PASS
n38	30	40	518000	53@26	CP_QPSK	21.61	-3.76	17.85	33.01	PASS
n38	30	40	518000	1@1	CP_QPSK	21.04	-3.76	17.28	33.01	PASS
n38	30	40	518000	1@104	CP_QPSK	20.94	-3.76	17.18	33.01	PASS
n38	30	40	518000	53@26	CP_QAM16	21.05	-3.76	17.29	33.01	PASS
n38	30	40	518000	1@1	CP_QAM16	20.42	-3.76	16.66	33.01	PASS
n38	30	40	518000	1@104	CP_QAM16	20.30	-3.76	16.54	33.01	PASS
n38	30	40	518000	53@26	CP_QAM64	19.57	-3.76	15.81	33.01	PASS
n38	30	40	518000	1@1	CP_QAM64	19.30	-3.76	15.54	33.01	PASS
n38	30	40	518000	1@104	CP_QAM64	19.25	-3.76	15.49	33.01	PASS
n38	30	40	518000	53@26	CP_QAM256	16.66	-3.76	12.90	33.01	PASS
n38	30	40	518000	1@1	CP_QAM256	16.02	-3.76	12.26	33.01	PASS
n38	30	40	518000	1@104	CP_QAM256	16.14	-3.76	12.38	33.01	PASS
n38	30	40	519000	50@25	DFT_BPSK	23.10	-3.76	19.34	33.01	PASS
n38	30	40	519000	1@1	DFT_BPSK	22.73	-3.76	18.97	33.01	PASS
n38	30	40	519000	1@104	DFT_BPSK	22.52	-3.76	18.76	33.01	PASS
n38	30	40	519000	50@25	DFT_QPSK	23.10	-3.76	19.34	33.01	PASS
n38	30	40	519000	1@1	DFT_QPSK	22.56	-3.76	18.80	33.01	PASS
n38	30	40	519000	1@104	DFT_QPSK	22.40	-3.76	18.64	33.01	PASS
n38	30	40	519000	50@25	DFT_QAM16	22.15	-3.76	18.39	33.01	PASS
n38	30	40	519000	1@1	DFT_QAM16	21.56	-3.76	17.80	33.01	PASS
n38	30	40	519000	1@104	DFT_QAM16	21.31	-3.76	17.55	33.01	PASS
n38	30	40	519000	50@25	DFT_QAM64	20.61	-3.76	16.85	33.01	PASS
n38	30	40	519000	1@1	DFT_QAM64	20.58	-3.76	16.82	33.01	PASS
n38	30	40	519000	1@104	DFT_QAM64	20.65	-3.76	16.89	33.01	PASS
n38	30	40	519000	50@25	DFT_QAM256	18.55	-3.76	14.79	33.01	PASS
n38	30	40	519000	1@1	DFT_QAM256	18.60	-3.76	14.84	33.01	PASS
n38	30	40	519000	1@104	DFT_QAM256	18.21	-3.76	14.45	33.01	PASS
n38	30	40	519000	53@26	CP_QPSK	21.55	-3.76	17.79	33.01	PASS
n38	30	40	519000	1@1	CP_QPSK	21.27	-3.76	17.51	33.01	PASS
n38	30	40	519000	1@104	CP_QPSK	21.11	-3.76	17.35	33.01	PASS
n38	30	40	519000	53@26	CP_QAM16	20.96	-3.76	17.20	33.01	PASS
n38	30	40	519000	1@1	CP_QAM16	20.80	-3.76	17.04	33.01	PASS
n38	30	40	519000	1@104	CP_QAM16	20.58	-3.76	16.82	33.01	PASS
n38	30	40	519000	53@26	CP_QAM64	19.47	-3.76	15.71	33.01	PASS
n38	30	40	519000	1@1	CP_QAM64	19.23	-3.76	15.47	33.01	PASS
n38	30	40	519000	1@104	CP_QAM64	19.07	-3.76	15.31	33.01	PASS
n38	30	40	519000	53@26	CP_QAM256	16.57	-3.76	12.81	33.01	PASS
n38	30	40	519000	1@1	CP_QAM256	16.12	-3.76	12.36	33.01	PASS
n38	30	40	519000	1@104	CP_QAM256	16.02	-3.76	12.26	33.01	PASS

n38	30	40	520000	50@25	DFT_BPSK	23.07	-3.76	19.31	33.01	PASS
n38	30	40	520000	1@1	DFT_BPSK	22.78	-3.76	19.02	33.01	PASS
n38	30	40	520000	1@104	DFT_BPSK	22.65	-3.76	18.89	33.01	PASS
n38	30	40	520000	50@25	DFT_QPSK	22.98	-3.76	19.22	33.01	PASS
n38	30	40	520000	1@1	DFT_QPSK	22.62	-3.76	18.86	33.01	PASS
n38	30	40	520000	1@104	DFT_QPSK	22.55	-3.76	18.79	33.01	PASS
n38	30	40	520000	50@25	DFT_QAM16	22.01	-3.76	18.25	33.01	PASS
n38	30	40	520000	1@1	DFT_QAM16	22.00	-3.76	18.24	33.01	PASS
n38	30	40	520000	1@104	DFT_QAM16	21.90	-3.76	18.14	33.01	PASS
n38	30	40	520000	50@25	DFT_QAM64	20.52	-3.76	16.76	33.01	PASS
n38	30	40	520000	1@1	DFT_QAM64	20.95	-3.76	17.19	33.01	PASS
n38	30	40	520000	1@104	DFT_QAM64	20.86	-3.76	17.10	33.01	PASS
n38	30	40	520000	50@25	DFT_QAM256	18.46	-3.76	14.70	33.01	PASS
n38	30	40	520000	1@1	DFT_QAM256	18.71	-3.76	14.95	33.01	PASS
n38	30	40	520000	1@104	DFT_QAM256	18.56	-3.76	14.80	33.01	PASS
n38	30	40	520000	53@26	CP_QPSK	21.47	-3.76	17.71	33.01	PASS
n38	30	40	520000	1@1	CP_QPSK	21.39	-3.76	17.63	33.01	PASS
n38	30	40	520000	1@104	CP_QPSK	21.28	-3.76	17.52	33.01	PASS
n38	30	40	520000	53@26	CP_QAM16	21.01	-3.76	17.25	33.01	PASS
n38	30	40	520000	1@1	CP_QAM16	20.85	-3.76	17.09	33.01	PASS
n38	30	40	520000	1@104	CP_QAM16	20.71	-3.76	16.95	33.01	PASS
n38	30	40	520000	53@26	CP_QAM64	19.46	-3.76	15.70	33.01	PASS
n38	30	40	520000	1@1	CP_QAM64	19.08	-3.76	15.32	33.01	PASS
n38	30	40	520000	1@104	CP_QAM64	19.22	-3.76	15.46	33.01	PASS
n38	30	40	520000	53@26	CP_QAM256	16.56	-3.76	12.80	33.01	PASS
n38	30	40	520000	1@1	CP_QAM256	16.25	-3.76	12.49	33.01	PASS
n38	30	40	520000	1@104	CP_QAM256	16.17	-3.76	12.41	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	3.91	-5.96	0.00	Within authorized band for 5G NR n38	PASS
n38	30	40	519000	50@25	DFT_BPSK	3.45	-9.16	0.00		PASS
n38	30	40	519000	50@25	DFT_BPSK	4.50	-6.80	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	3.91	-10.31	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	3.45	-3.75	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	4.50	-8.58	0.00		PASS

Note: Only the worst case shown in the report.

NV:

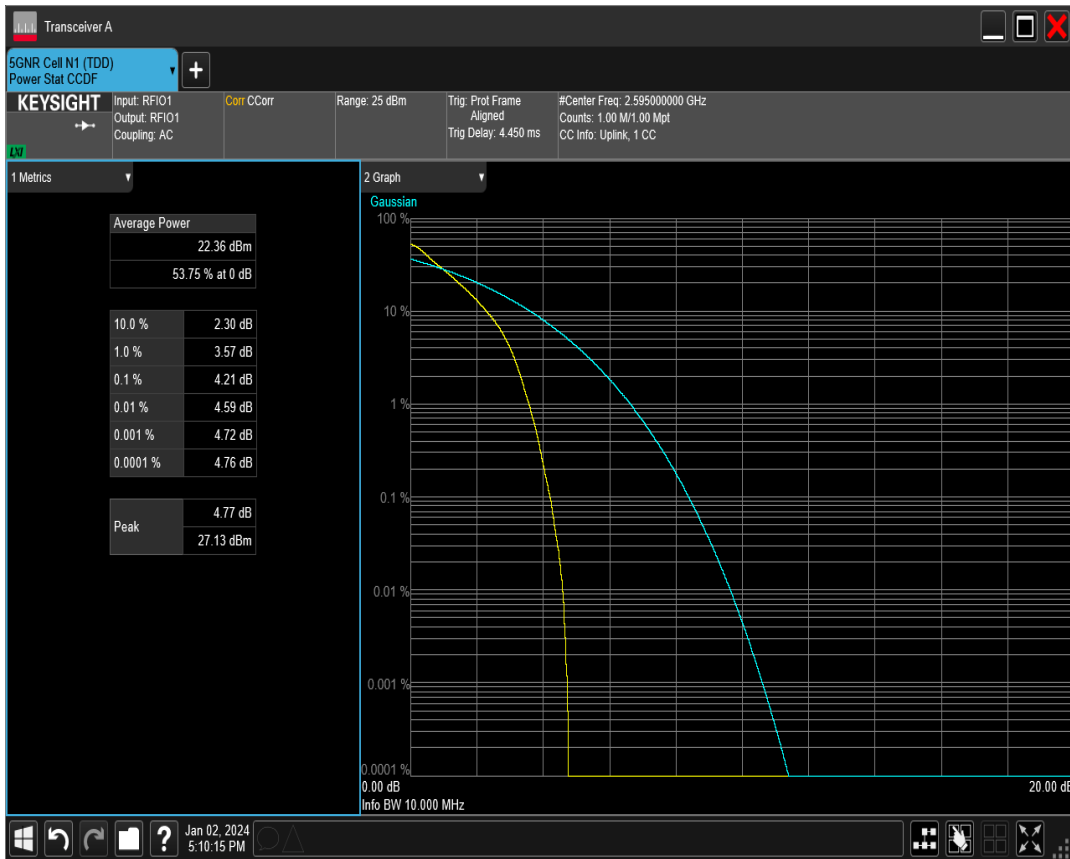
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Temperature(°C)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n38	30	40	519000	50@25	DFT_BPSK	-30	-3.61	0.00	Within authorized band for 5G NR n38	PASS
n38	30	40	519000	50@25	DFT_BPSK	-20	-3.86	0.00		PASS
n38	30	40	519000	50@25	DFT_BPSK	-10	-3.19	0.00		PASS
n38	30	40	519000	50@25	DFT_BPSK	0	-2.45	0.00		PASS
n38	30	40	519000	50@25	DFT_BPSK	10	-1.21	0.00		PASS
n38	30	40	519000	50@25	DFT_BPSK	20	-3.20	0.00		PASS
n38	30	40	519000	50@25	DFT_BPSK	30	-6.18	0.00		PASS
n38	30	40	519000	50@25	DFT_BPSK	40	-6.66	0.00		PASS
n38	30	40	519000	50@25	DFT_BPSK	50	-4.88	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	-30	-3.57	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	-20	-2.86	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	-10	-2.04	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	0	-4.69	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	10	-3.68	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	20	-3.13	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	30	-2.71	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	40	-1.79	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	50	-5.37	0.00		PASS

Note: Only the worst case shown in the report.

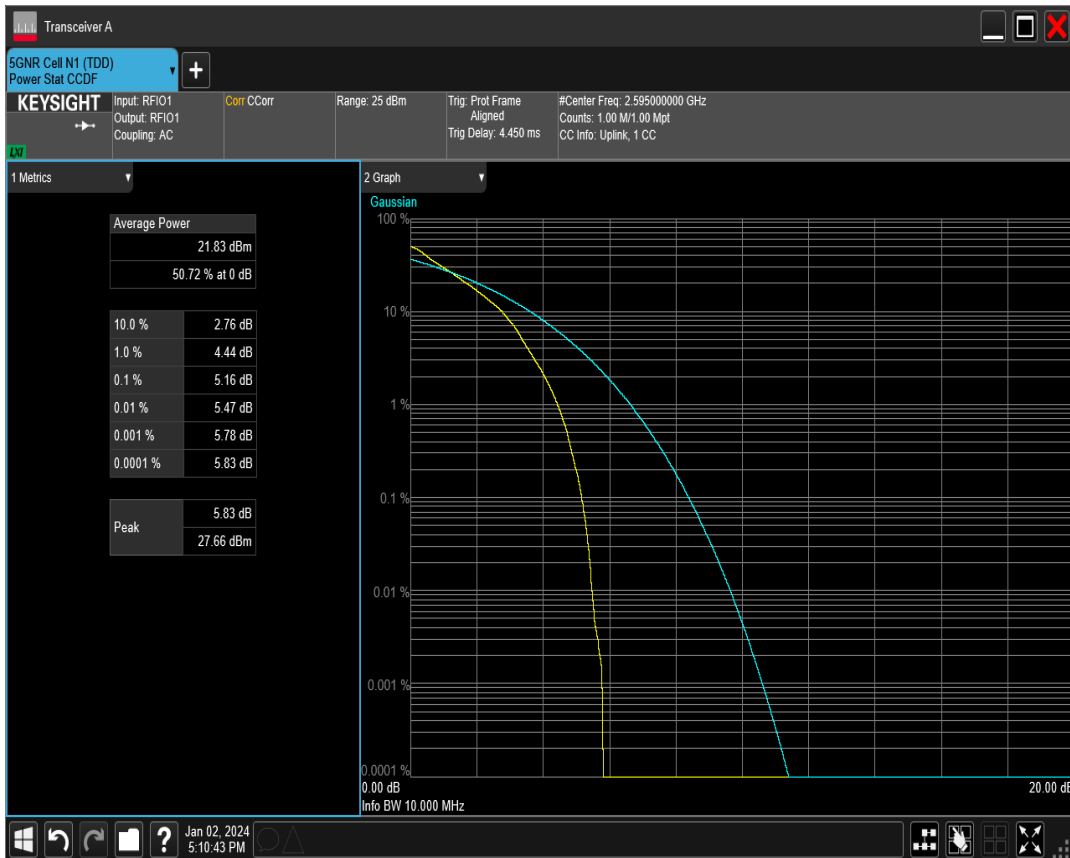
3 Peak-to-Average Ratio for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n38	30	10	519000	24@0	DFT_BPSK	4.21	13	PASS
n38	30	10	519000	24@0	DFT_QPSK	5.16	13	PASS
n38	30	10	519000	24@0	DFT_QAM16	6.06	13	PASS
n38	30	10	519000	24@0	DFT_QAM64	6.37	13	PASS
n38	30	10	519000	24@0	DFT_QAM256	6.97	13	PASS
n38	30	15	519000	36@0	DFT_BPSK	4.40	13	PASS
n38	30	15	519000	36@0	DFT_QPSK	5.36	13	PASS
n38	30	15	519000	36@0	DFT_QAM16	6.19	13	PASS
n38	30	15	519000	36@0	DFT_QAM64	6.47	13	PASS
n38	30	15	519000	36@0	DFT_QAM256	7.23	13	PASS
n38	30	20	519000	50@0	DFT_BPSK	4.47	13	PASS
n38	30	20	519000	50@0	DFT_QPSK	5.57	13	PASS
n38	30	20	519000	50@0	DFT_QAM16	6.35	13	PASS
n38	30	20	519000	50@0	DFT_QAM64	6.51	13	PASS
n38	30	20	519000	50@0	DFT_QAM256	7.03	13	PASS
n38	30	40	519000	100@0	DFT_BPSK	4.46	13	PASS
n38	30	40	519000	100@0	DFT_QPSK	5.49	13	PASS
n38	30	40	519000	100@0	DFT_QAM16	6.34	13	PASS
n38	30	40	519000	100@0	DFT_QAM64	6.52	13	PASS
n38	30	40	519000	100@0	DFT_QAM256	7.05	13	PASS

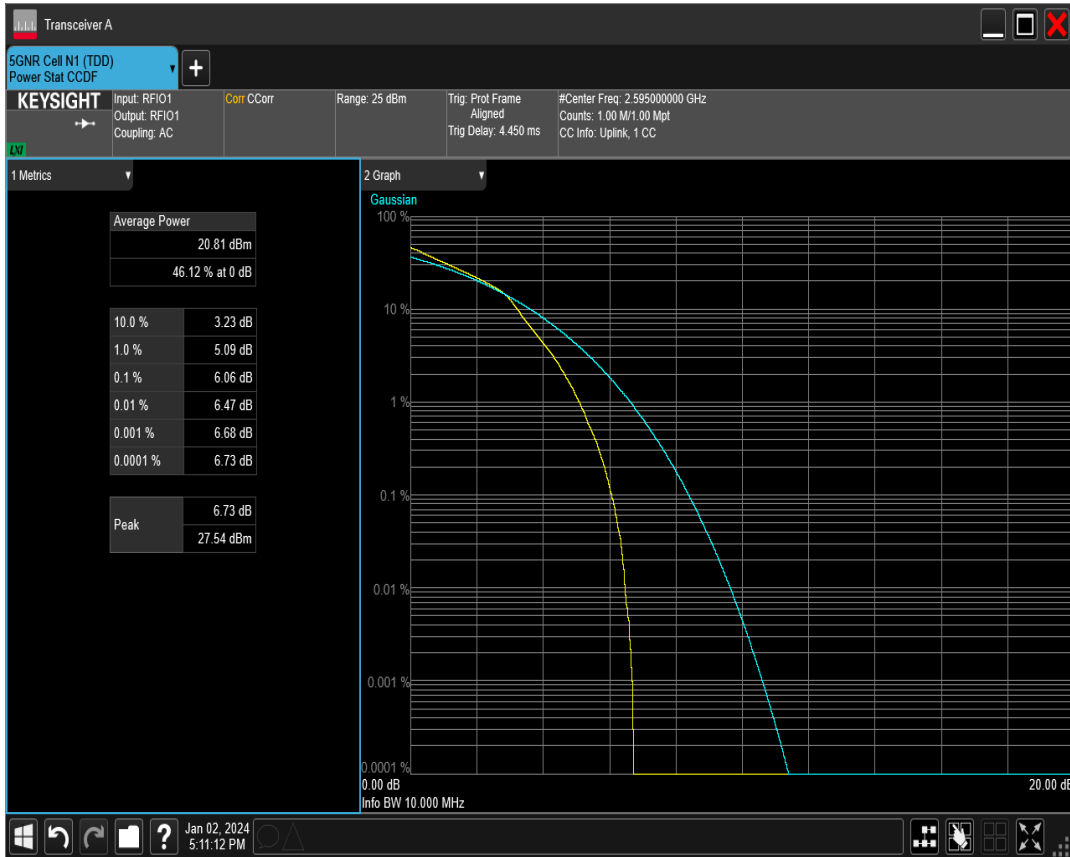
n38 SCS=30kHz DFT_BPSK BW=10MHz Channel=519000 RB=24@0



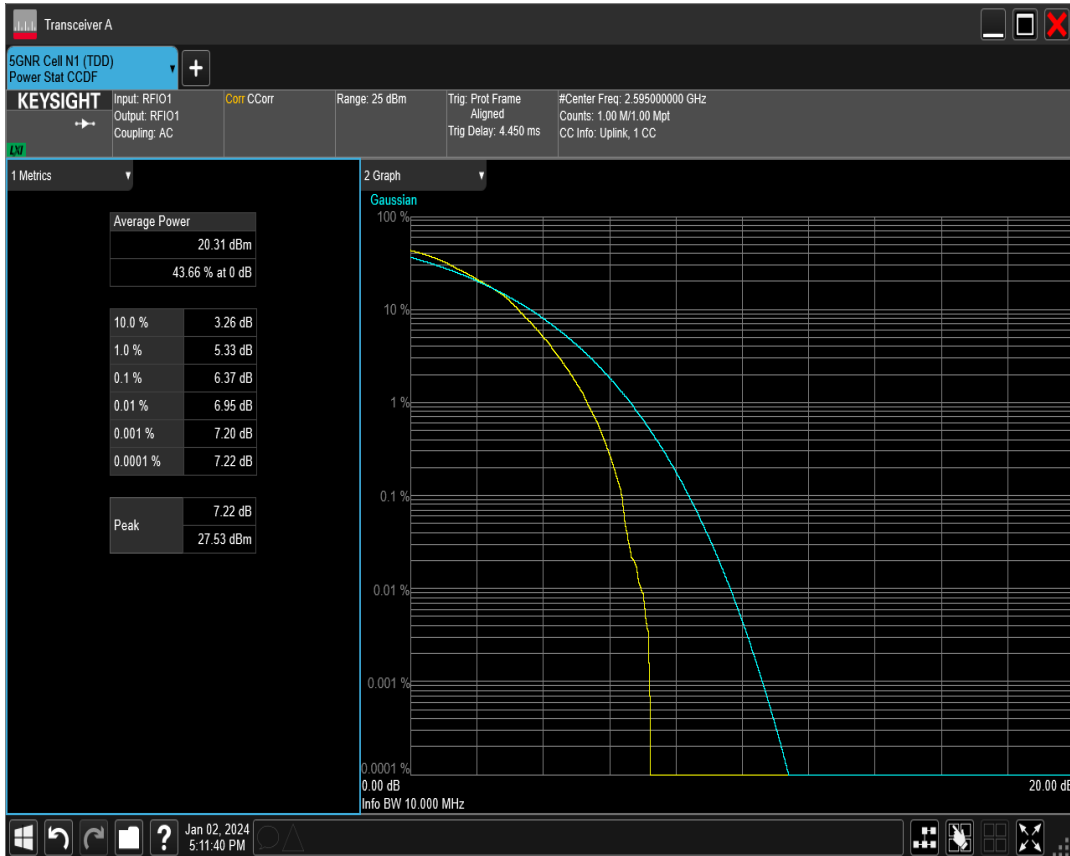
n38 SCS=30kHz DFT_QPSK BW=10MHz Channel=519000 RB=24@0



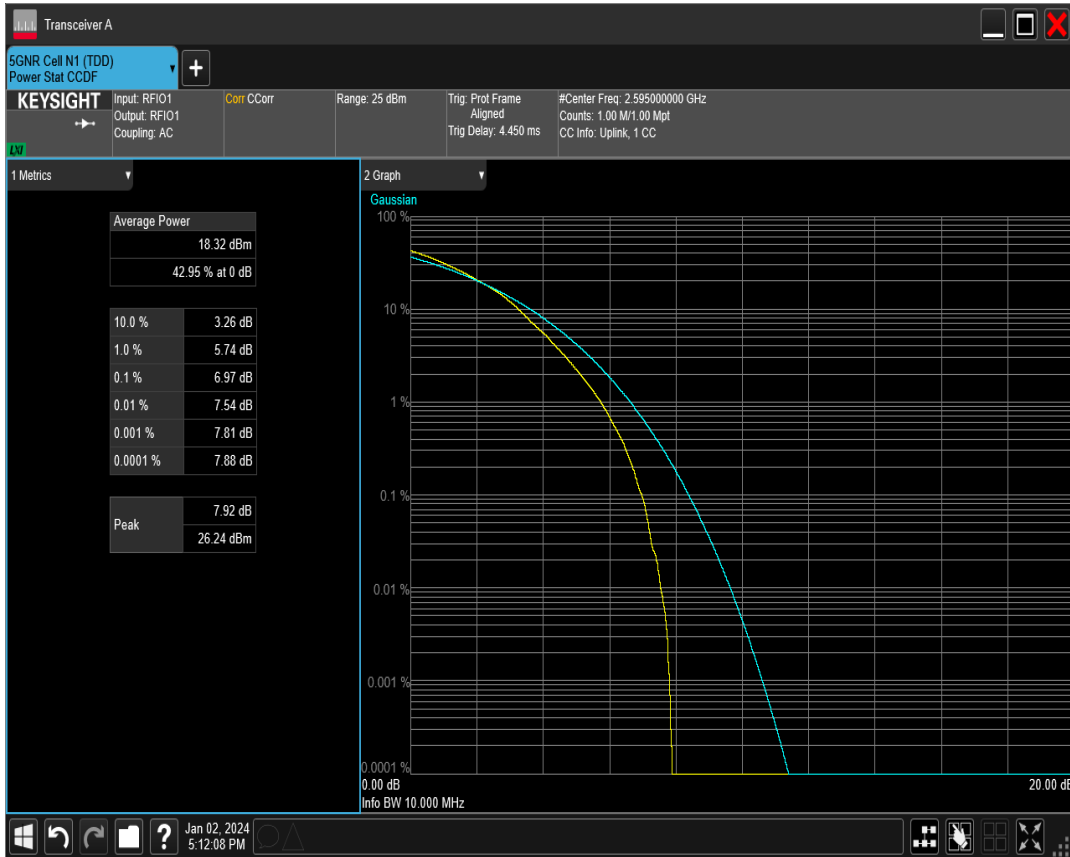
n38 SCS=30kHz DFT_QAM16 BW=10MHz Channel=519000 RB=24@0



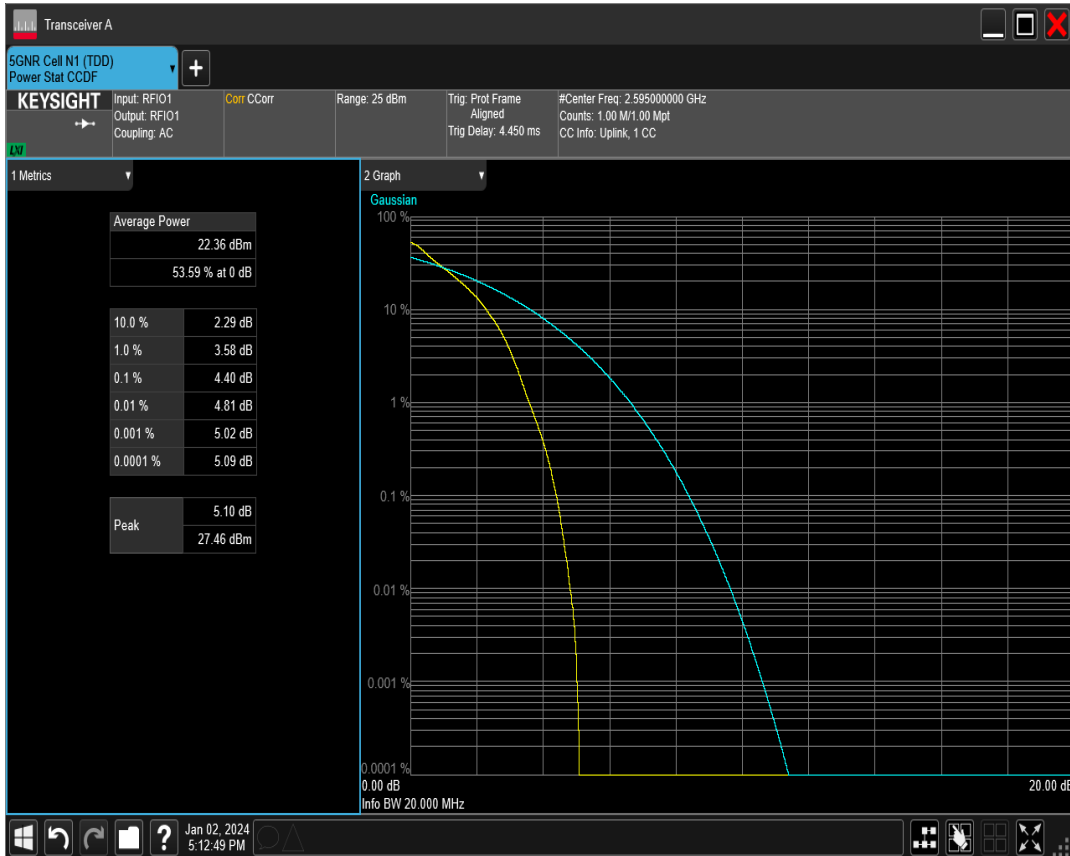
n38 SCS=30kHz DFT_QAM64 BW=10MHz Channel=519000 RB=24@0



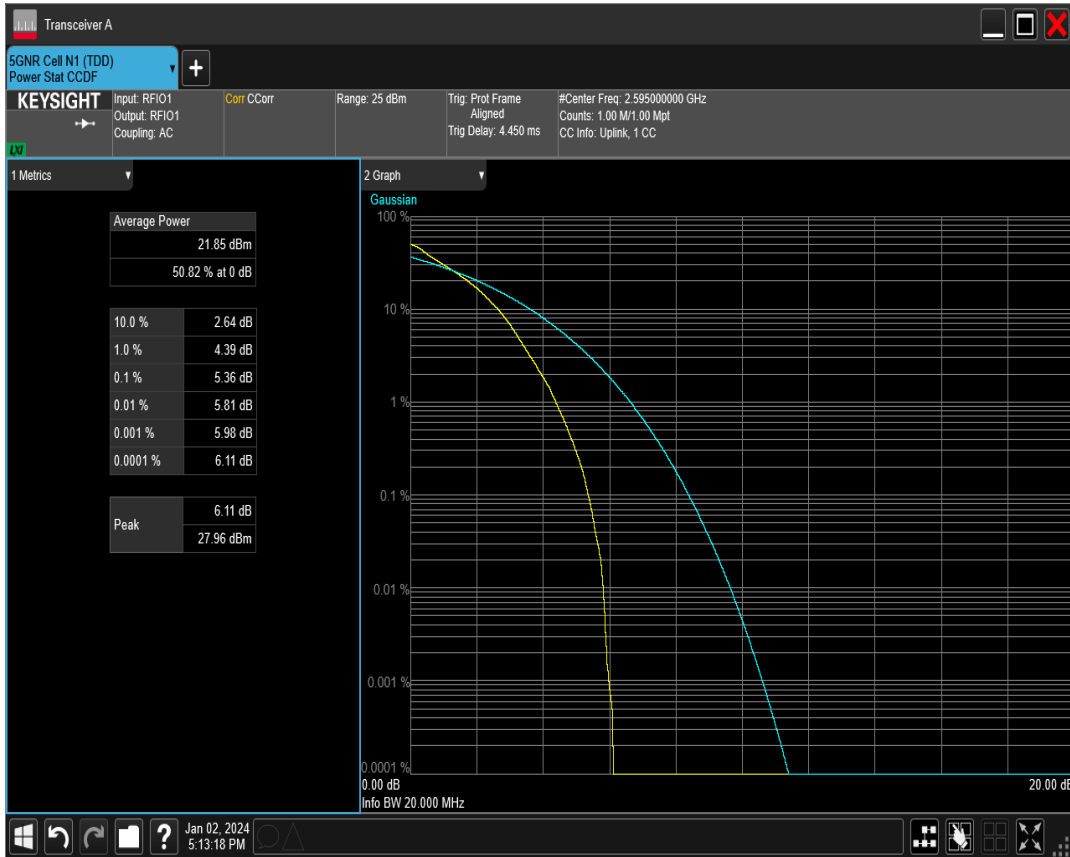
n38 SCS=30kHz DFT_QAM256 BW=10MHz Channel=519000 RB=24@0



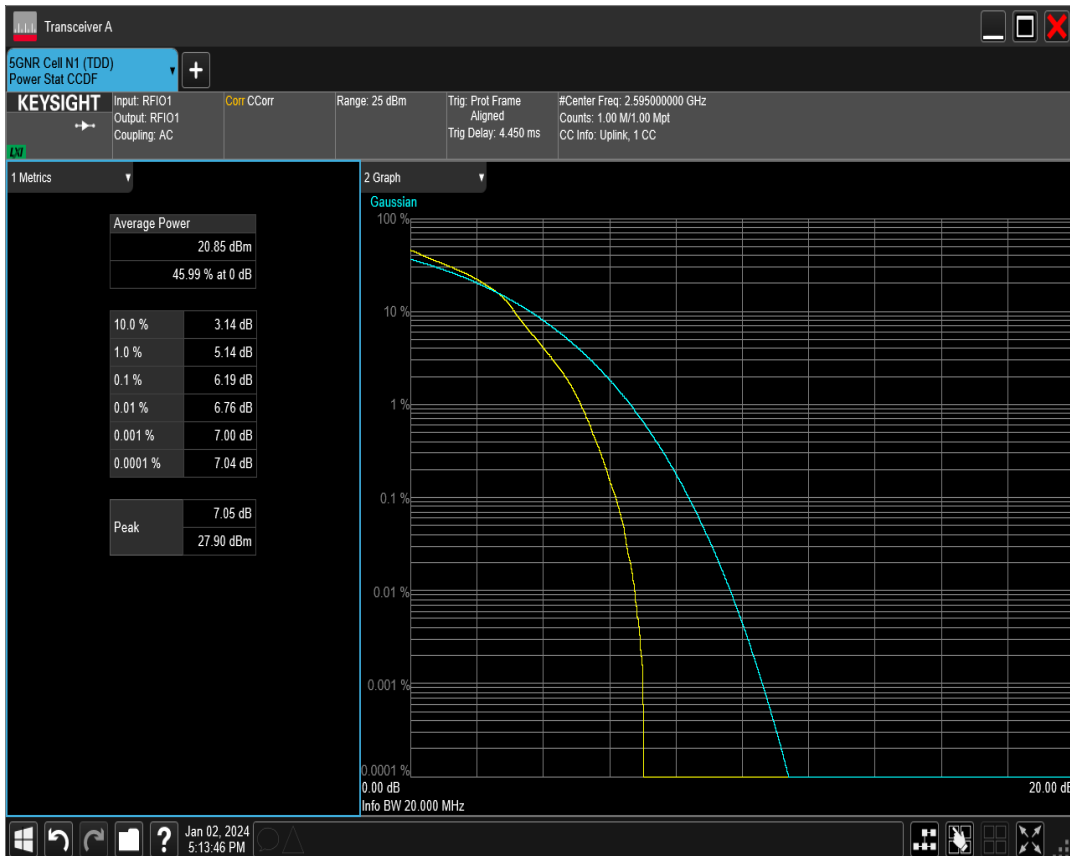
n38 SCS=30kHz DFT_BPSK BW=15MHz Channel=519000 RB=36@0



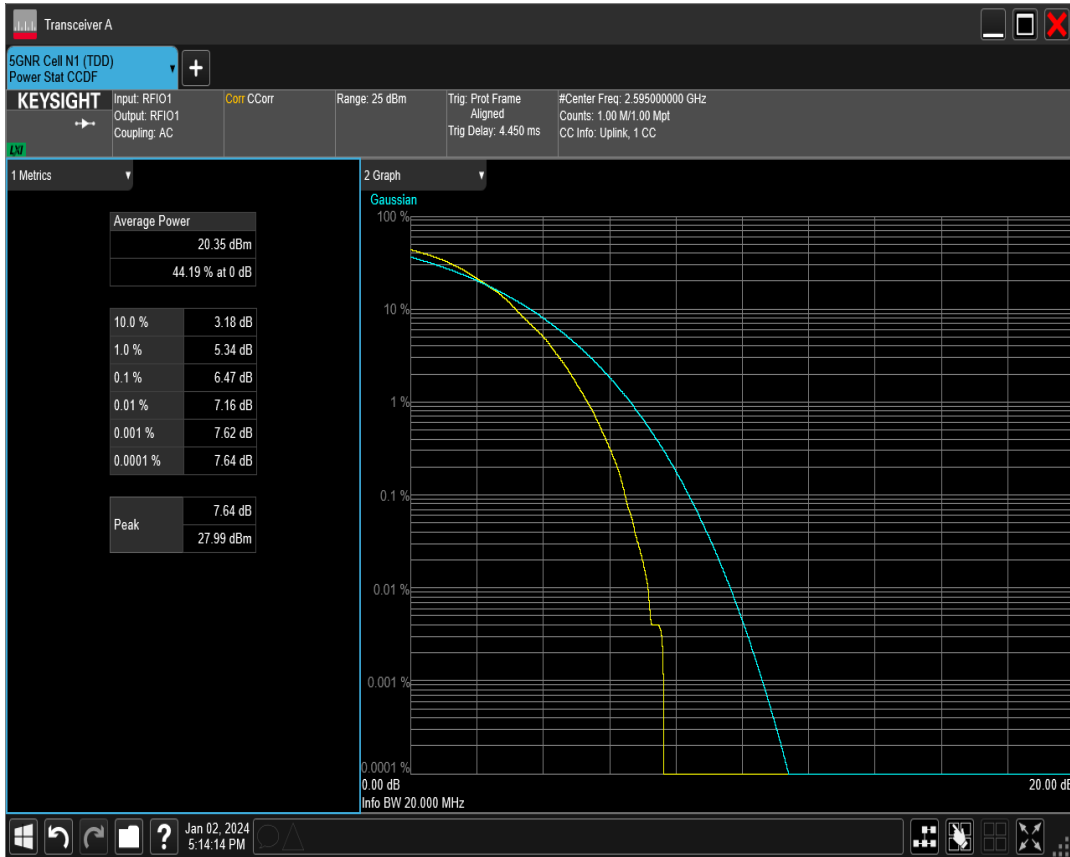
n38 SCS=30kHz DFT_QPSK BW=15MHz Channel=519000 RB=36@0



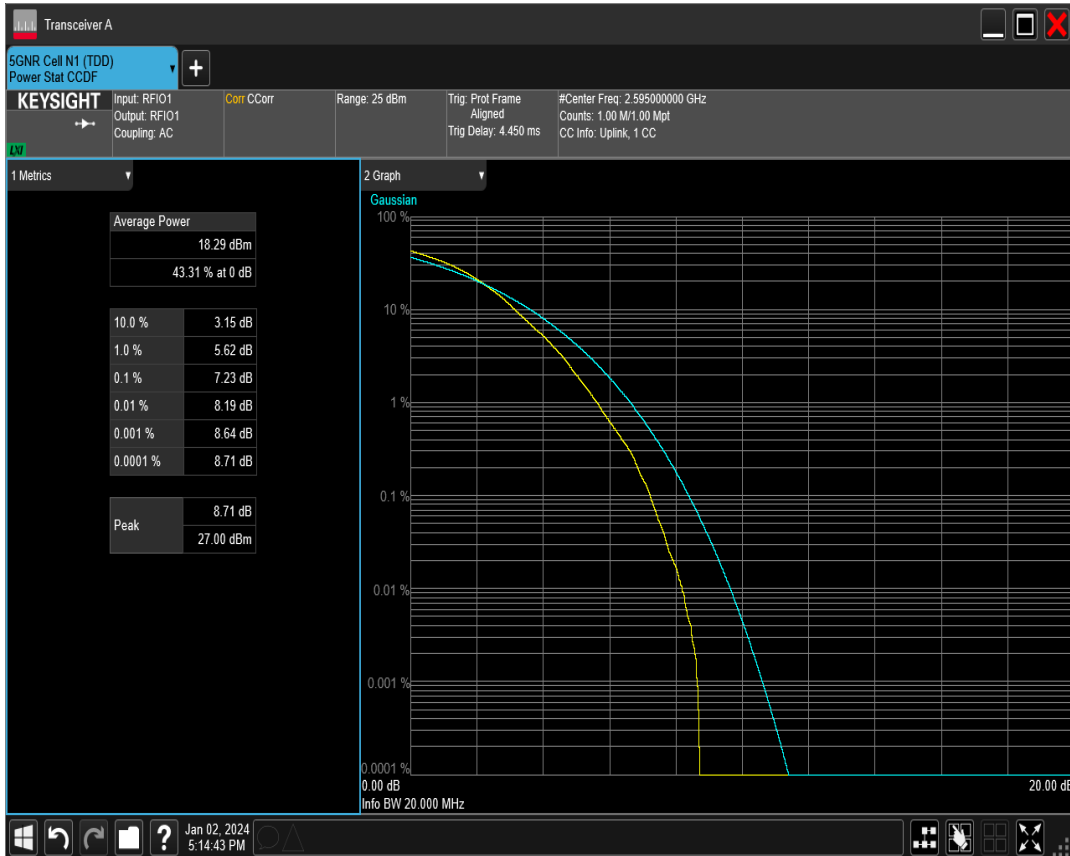
n38 SCS=30kHz DFT_QAM16 BW=15MHz Channel=519000 RB=36@0



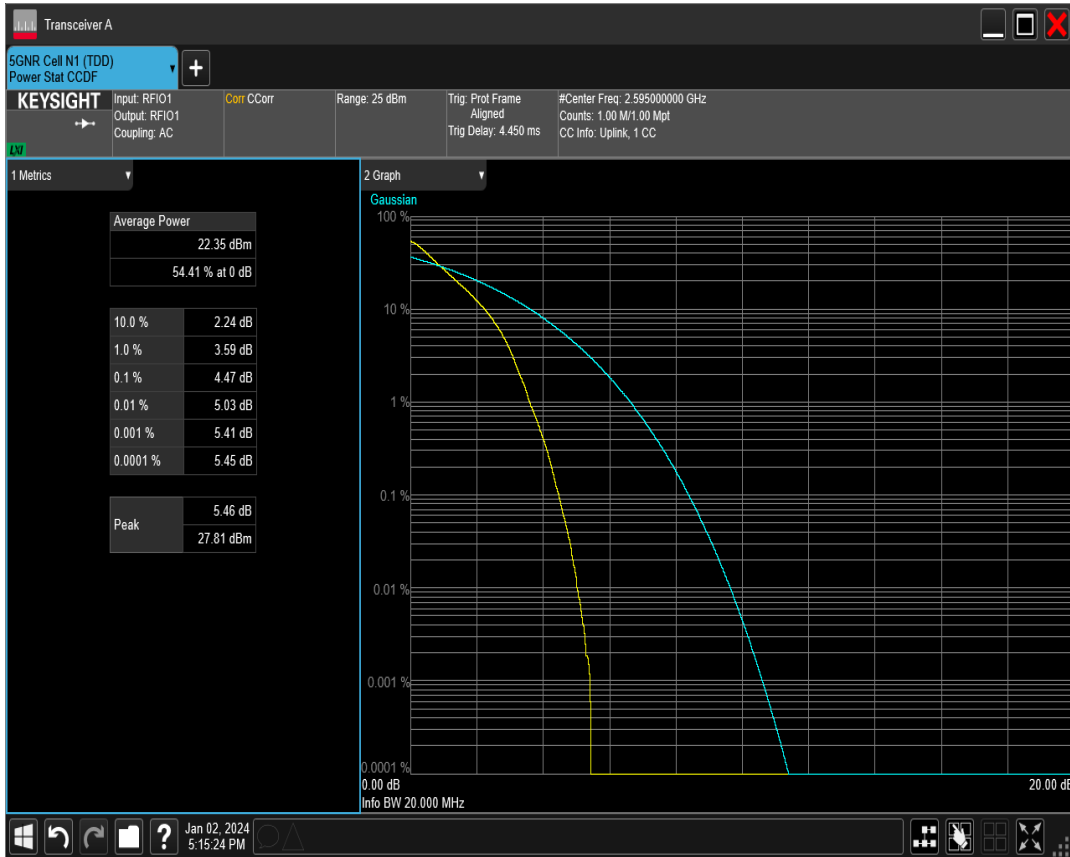
n38 SCS=30kHz DFT_QAM64 BW=15MHz Channel=519000 RB=36@0



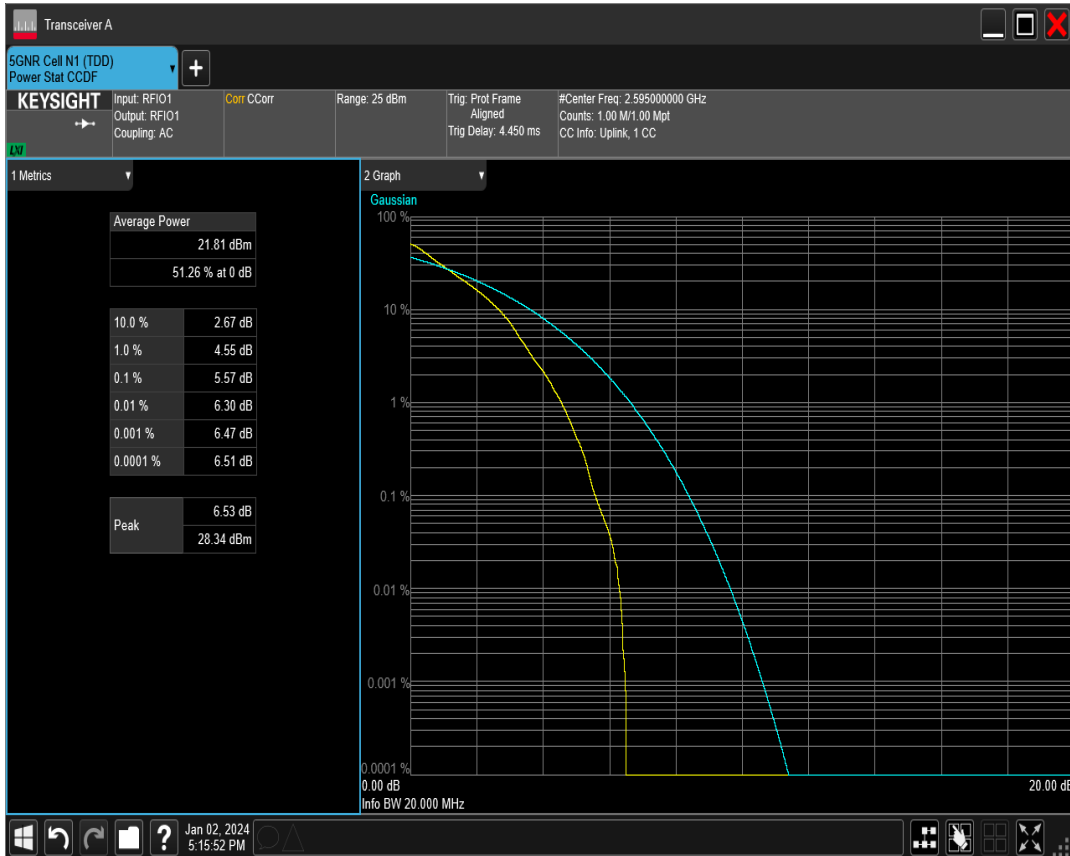
n38 SCS=30kHz DFT_QAM256 BW=15MHz Channel=519000 RB=36@0



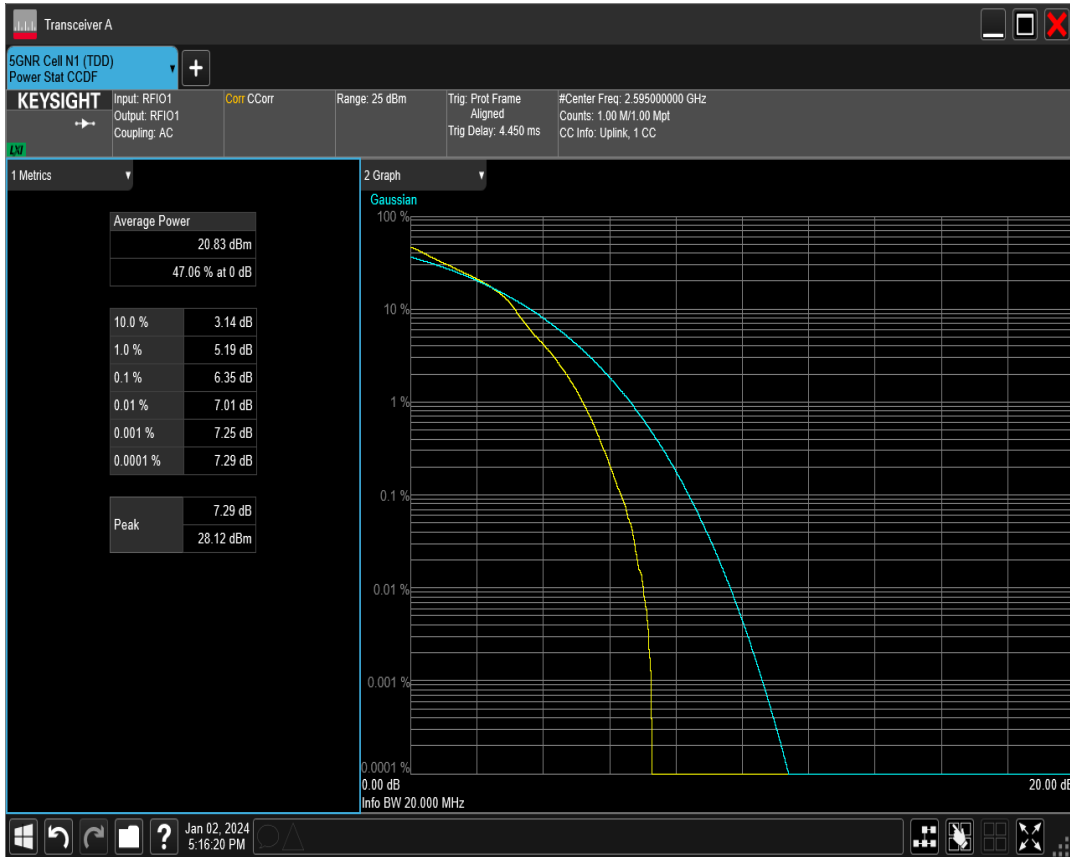
n38 SCS=30kHz DFT_BPSK BW=20MHz Channel=519000 RB=50@0



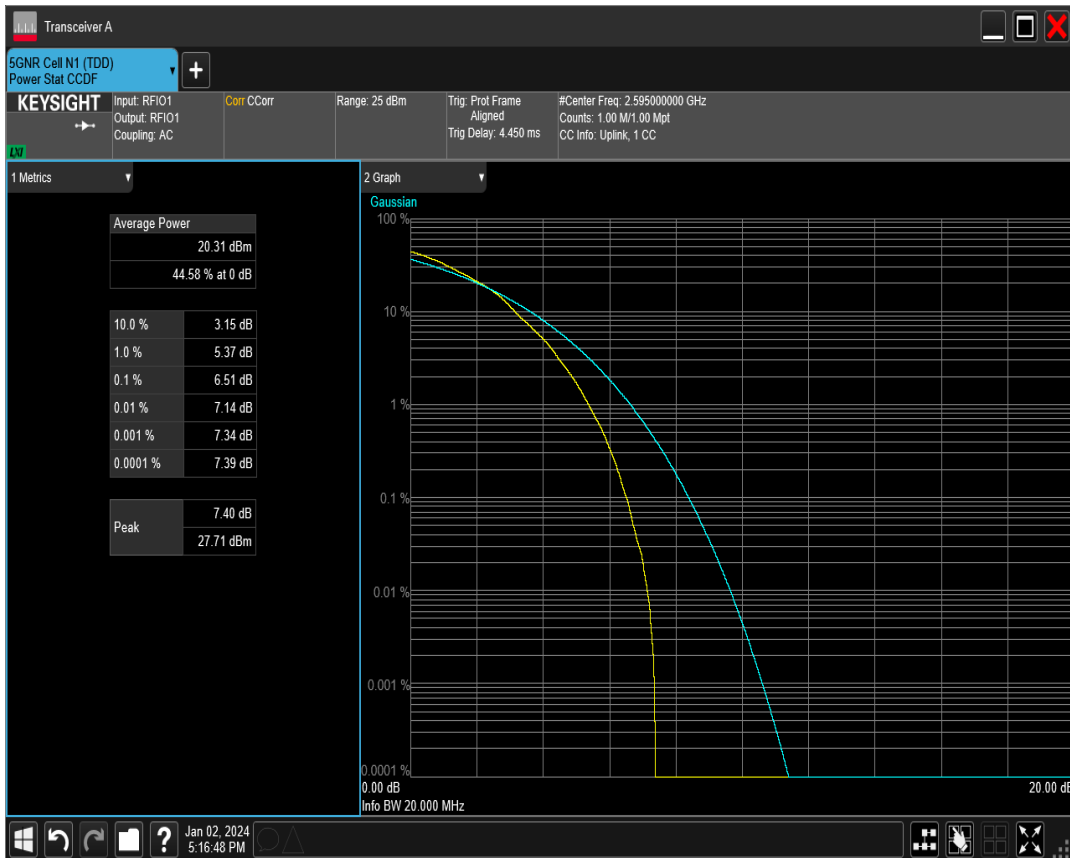
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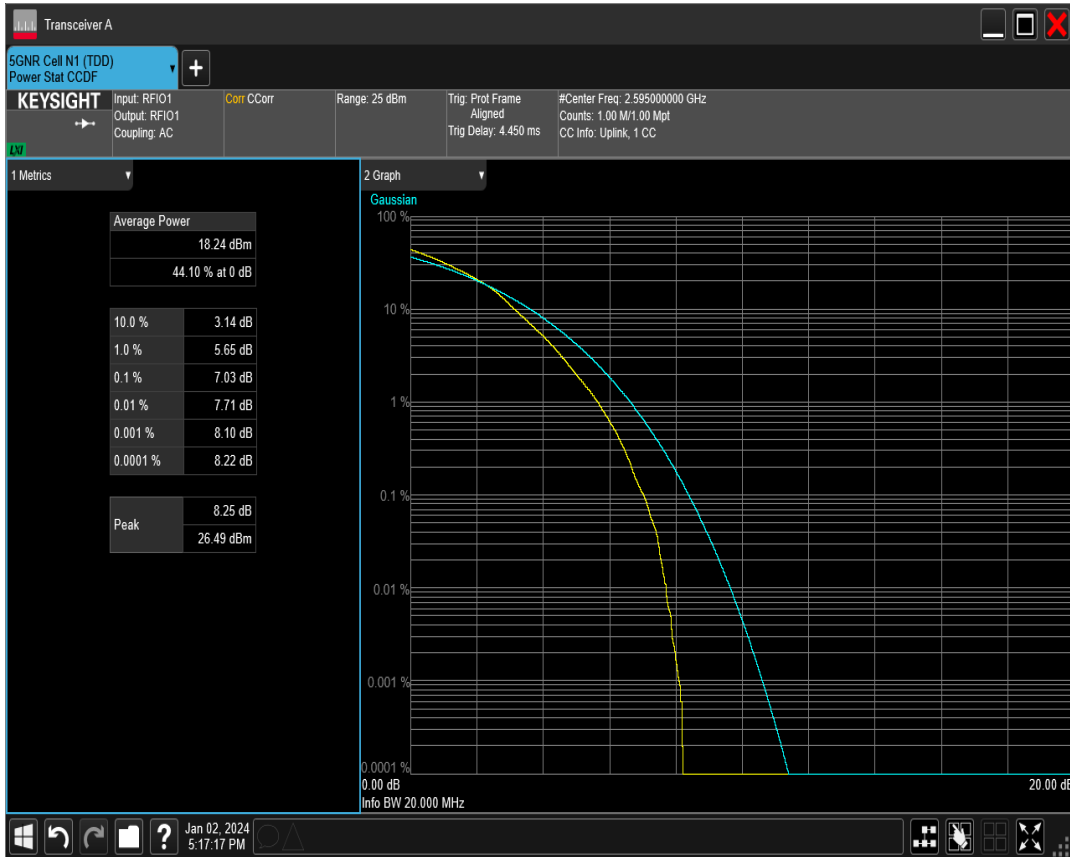
n38 SCS=30kHz DFT_QAM16 BW=20MHz Channel=519000 RB=50@0



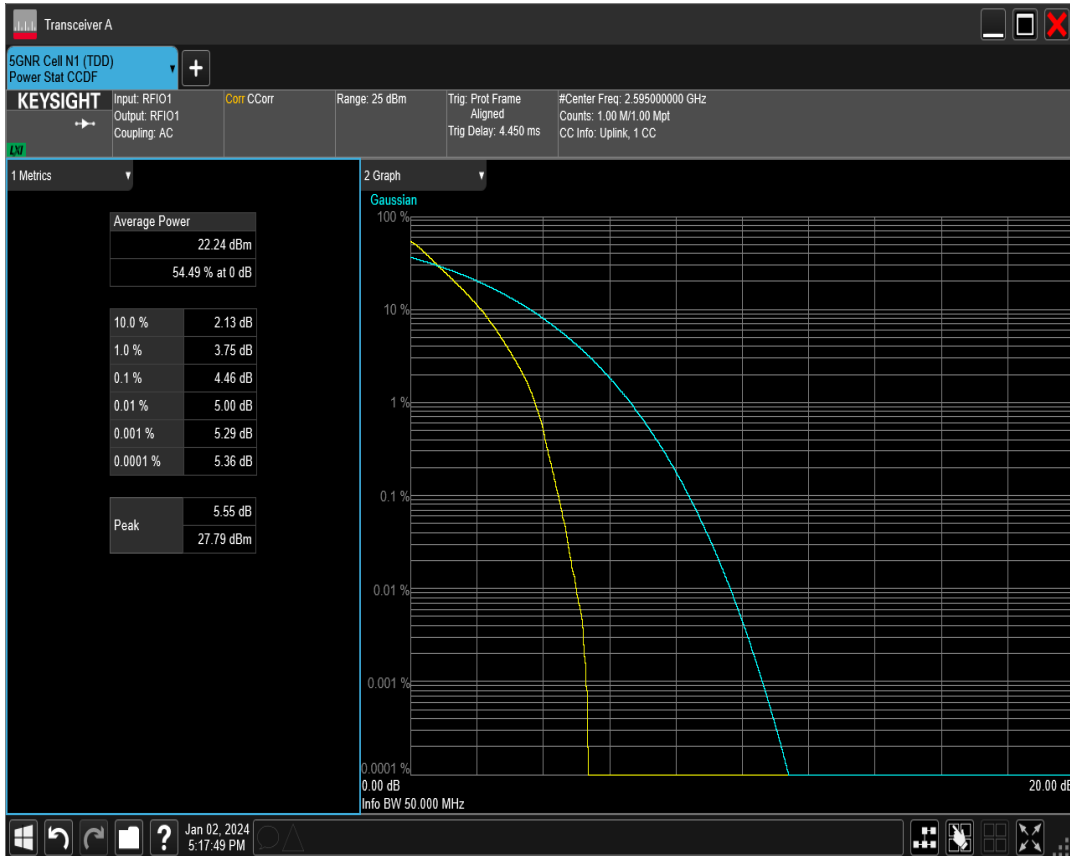
n38 SCS=30kHz DFT_QAM64 BW=20MHz Channel=519000 RB=50@0



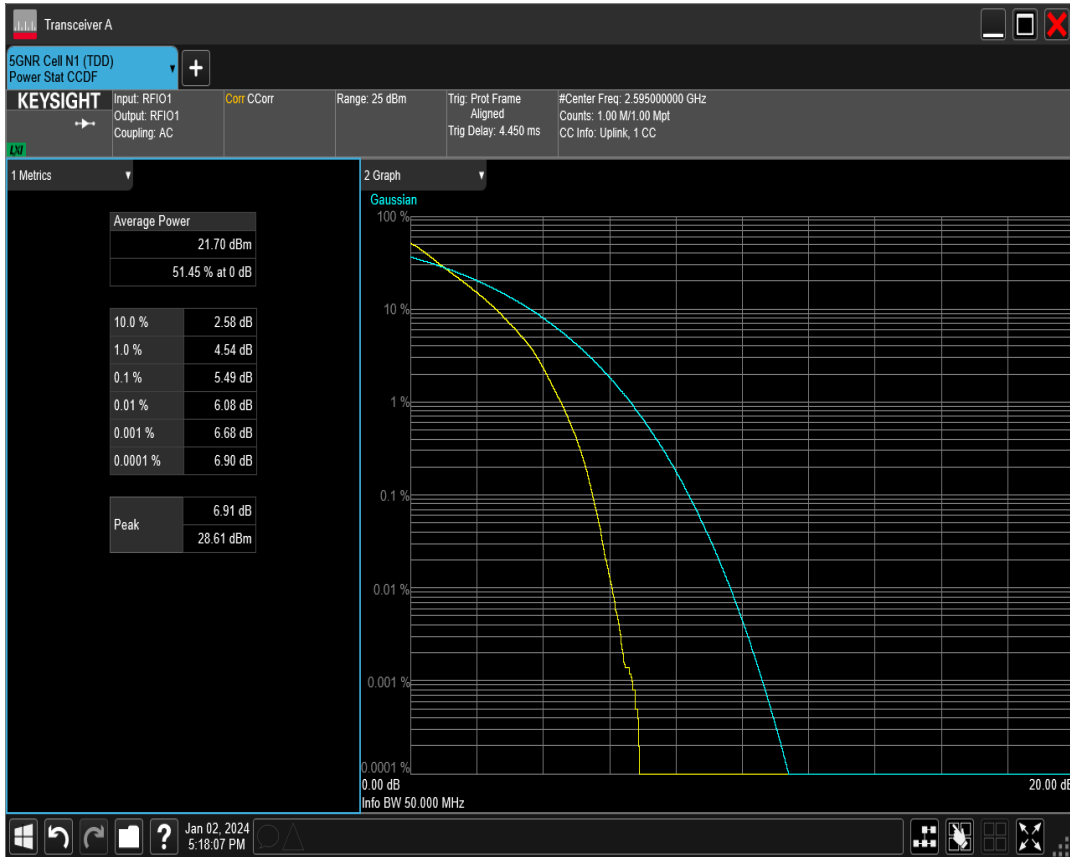
n38 SCS=30kHz DFT_QAM256 BW=20MHz Channel=519000 RB=50@0



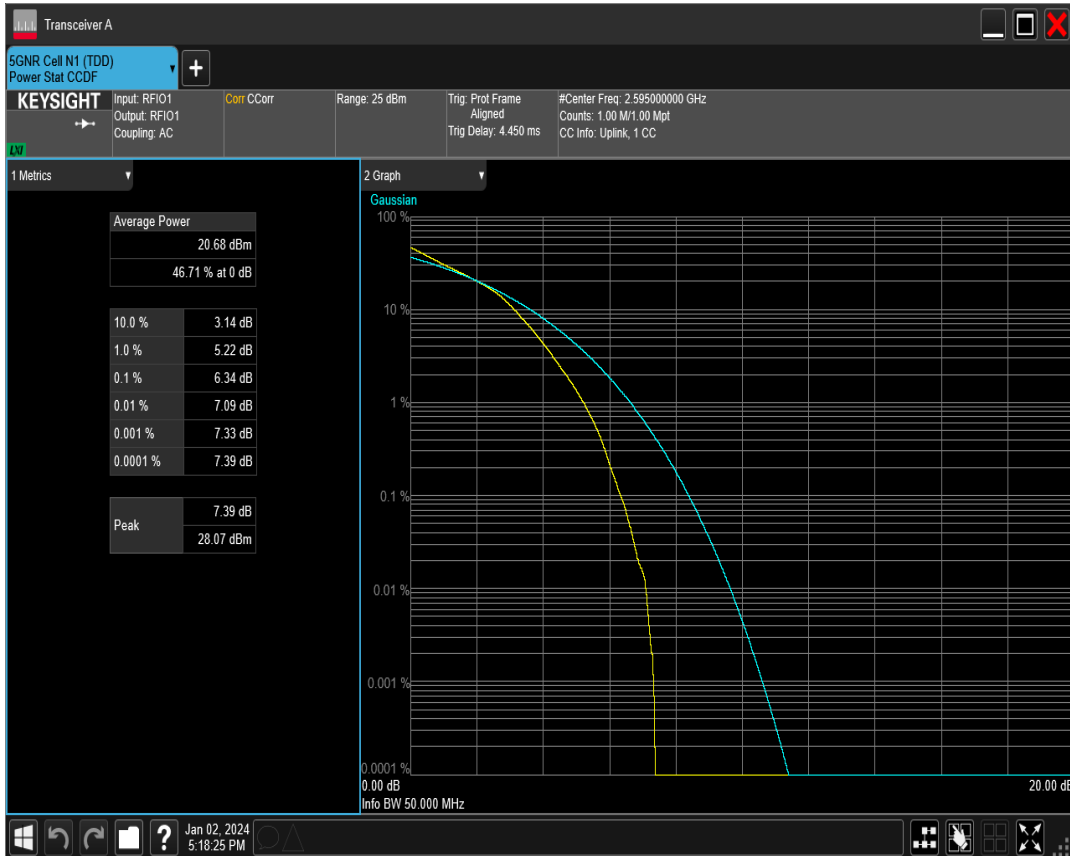
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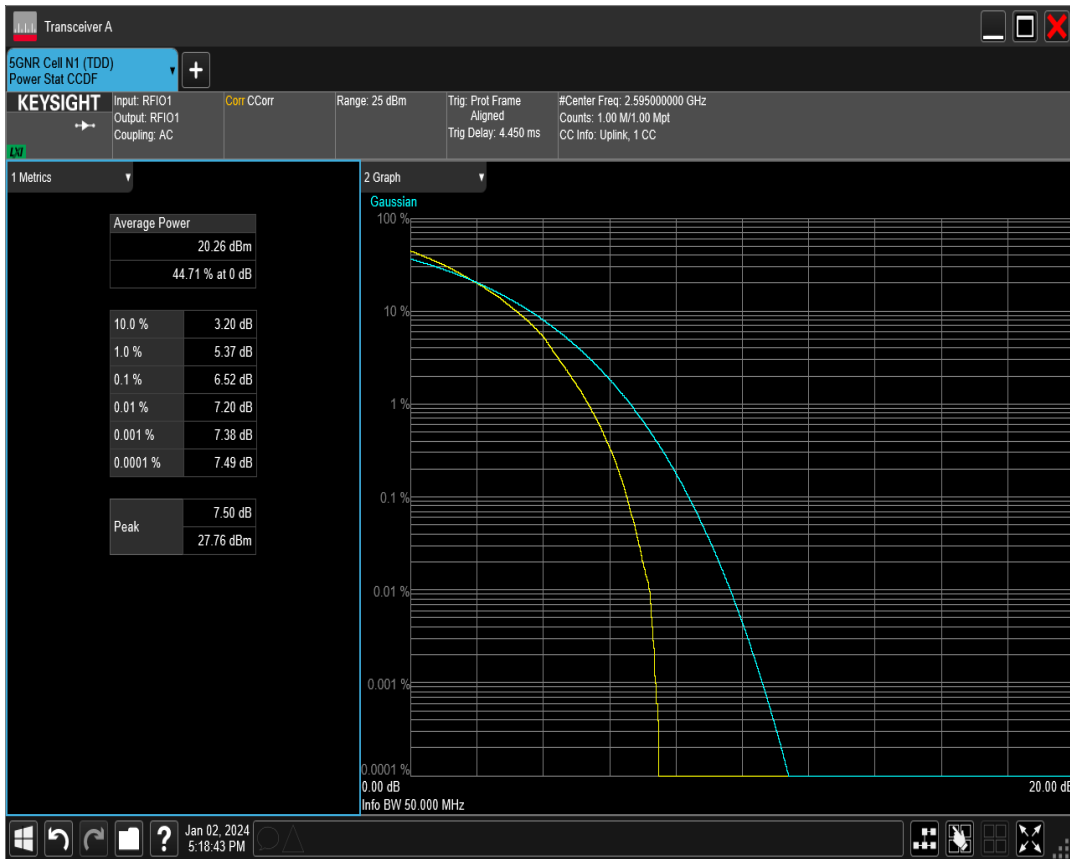
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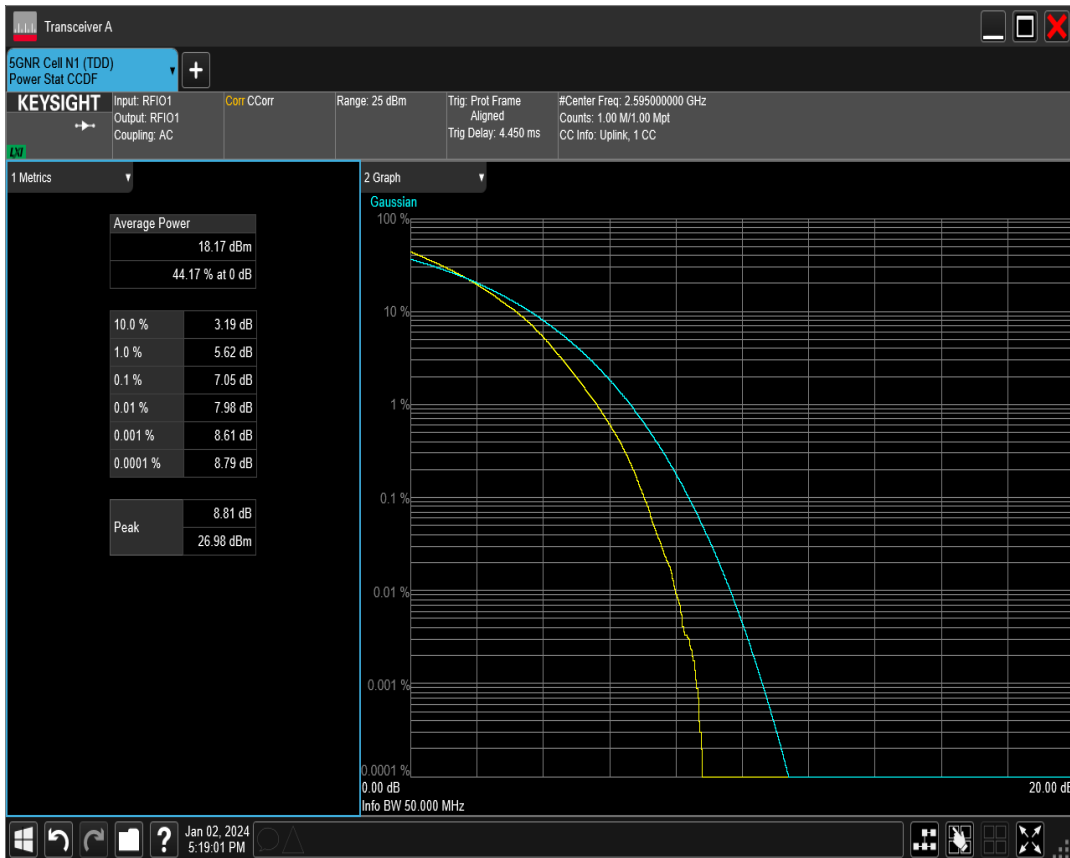
n38 SCS=30kHz DFT_QAM16 BW=40MHz Channel=519000 RB=100@0



n38 SCS=30kHz DFT_QAM64 BW=40MHz Channel=519000 RB=100@0



n38 SCS=30kHz DFT_QAM256 BW=40MHz Channel=519000 RB=100@0

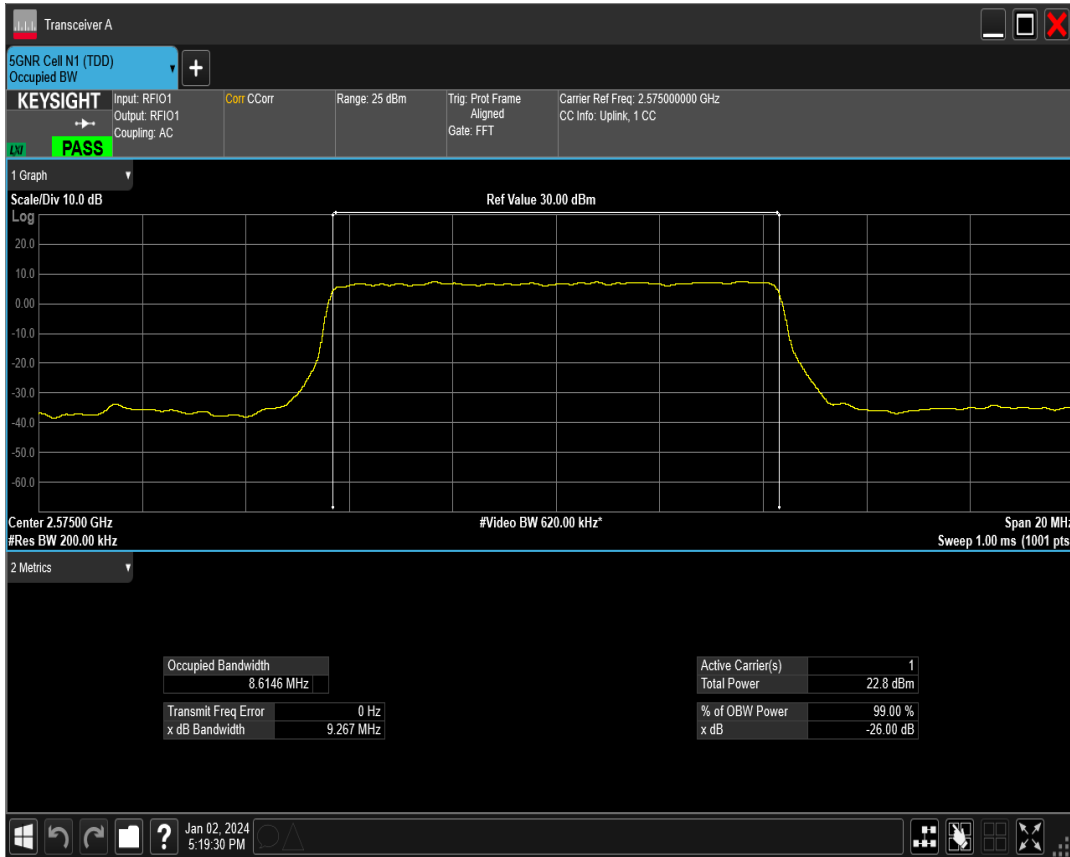


4 Occupied bandwidth for NR FR1

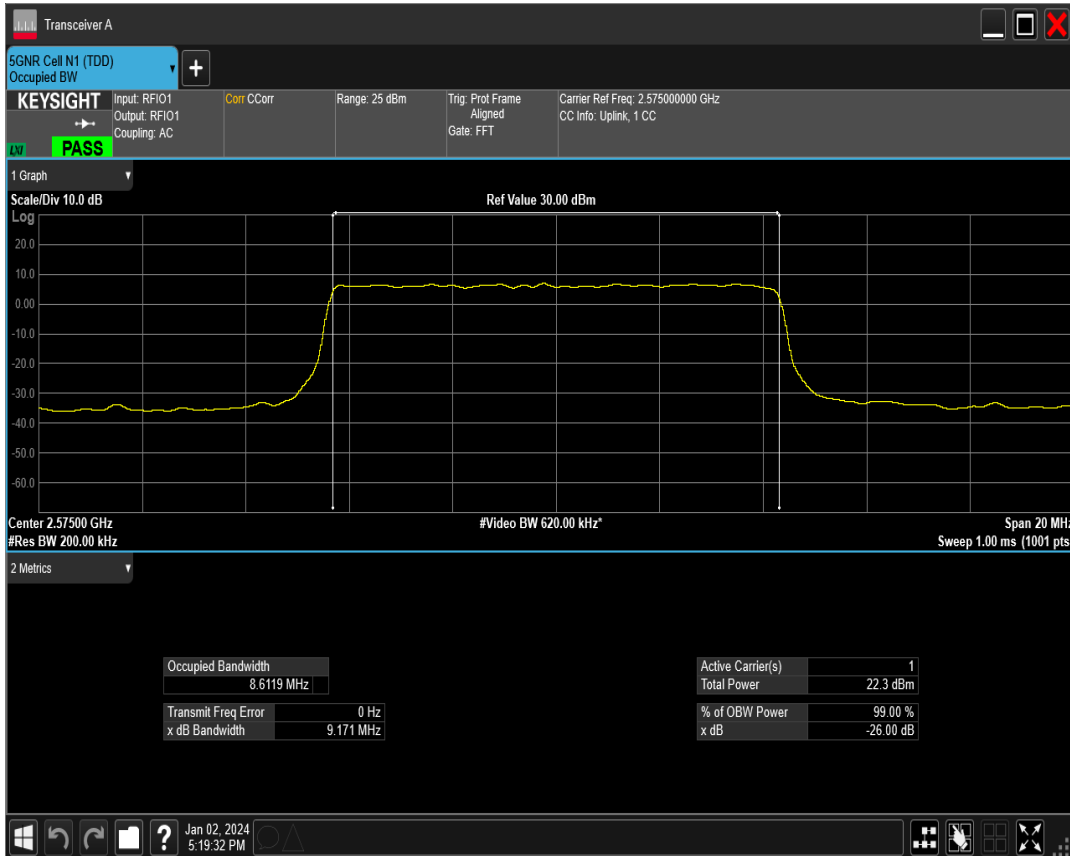
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n38	30	10	515000	24@0	DFT_BPSK	8.610	9.270	PASS
n38	30	10	515000	24@0	DFT_QPSK	8.610	9.170	PASS
n38	30	10	515000	24@0	DFT_QAM16	8.610	9.230	PASS
n38	30	10	515000	24@0	DFT_QAM64	8.610	9.240	PASS
n38	30	10	515000	24@0	DFT_QAM256	8.640	9.200	PASS
n38	30	10	515000	24@0	CP_QPSK	8.620	9.220	PASS
n38	30	10	519000	24@0	DFT_BPSK	8.610	9.170	PASS
n38	30	10	519000	24@0	DFT_QPSK	8.610	9.190	PASS
n38	30	10	519000	24@0	DFT_QAM16	8.610	9.200	PASS
n38	30	10	519000	24@0	DFT_QAM64	8.620	9.200	PASS
n38	30	10	519000	24@0	DFT_QAM256	8.640	9.200	PASS
n38	30	10	519000	24@0	CP_QPSK	8.620	9.190	PASS
n38	30	10	523000	24@0	DFT_BPSK	8.620	9.180	PASS
n38	30	10	523000	24@0	DFT_QPSK	8.610	9.160	PASS
n38	30	10	523000	24@0	DFT_QAM16	8.640	9.200	PASS
n38	30	10	523000	24@0	DFT_QAM64	8.620	9.240	PASS
n38	30	10	523000	24@0	DFT_QAM256	8.640	9.170	PASS
n38	30	10	523000	24@0	CP_QPSK	8.620	9.200	PASS
n38	30	15	515500	36@0	DFT_BPSK	13.460	13.720	PASS
n38	30	15	515500	36@0	DFT_QPSK	13.510	13.740	PASS
n38	30	15	515500	36@0	DFT_QAM16	13.450	13.740	PASS
n38	30	15	515500	36@0	DFT_QAM64	13.460	13.730	PASS
n38	30	15	515500	36@0	DFT_QAM256	13.510	13.810	PASS
n38	30	15	515500	38@0	CP_QPSK	13.630	14.440	PASS
n38	30	15	519000	36@0	DFT_BPSK	13.470	13.740	PASS
n38	30	15	519000	36@0	DFT_QPSK	13.520	13.760	PASS
n38	30	15	519000	36@0	DFT_QAM16	13.460	13.740	PASS
n38	30	15	519000	36@0	DFT_QAM64	13.460	13.710	PASS
n38	30	15	519000	36@0	DFT_QAM256	13.460	13.700	PASS
n38	30	15	519000	38@0	CP_QPSK	13.640	14.440	PASS
n38	30	15	522500	36@0	DFT_BPSK	13.510	13.710	PASS
n38	30	15	522500	36@0	DFT_QPSK	13.520	13.760	PASS
n38	30	15	522500	36@0	DFT_QAM16	13.510	13.730	PASS
n38	30	15	522500	36@0	DFT_QAM64	13.460	13.790	PASS
n38	30	15	522500	36@0	DFT_QAM256	13.520	13.760	PASS
n38	30	15	522500	38@0	CP_QPSK	13.640	14.450	PASS
n38	30	20	516000	50@0	DFT_BPSK	18.010	18.900	PASS
n38	30	20	516000	50@0	DFT_QPSK	18.030	18.930	PASS
n38	30	20	516000	50@0	DFT_QAM16	18.030	18.940	PASS

n38	30	20	516000	50@0	DFT_QAM64	18.030	18.940	PASS
n38	30	20	516000	50@0	DFT_QAM256	18.090	18.930	PASS
n38	30	20	516000	51@0	CP_QPSK	18.270	19.310	PASS
n38	30	20	519000	50@0	DFT_BPSK	18.030	18.910	PASS
n38	30	20	519000	50@0	DFT_QPSK	18.040	18.900	PASS
n38	30	20	519000	50@0	DFT_QAM16	18.090	18.950	PASS
n38	30	20	519000	50@0	DFT_QAM64	18.040	18.940	PASS
n38	30	20	519000	50@0	DFT_QAM256	18.100	18.940	PASS
n38	30	20	519000	51@0	CP_QPSK	18.270	19.320	PASS
n38	30	20	522000	50@0	DFT_BPSK	18.040	18.920	PASS
n38	30	20	522000	50@0	DFT_QPSK	18.090	18.910	PASS
n38	30	20	522000	50@0	DFT_QAM16	18.090	18.950	PASS
n38	30	20	522000	50@0	DFT_QAM64	18.030	18.930	PASS
n38	30	20	522000	50@0	DFT_QAM256	18.030	18.930	PASS
n38	30	20	522000	51@0	CP_QPSK	18.280	19.330	PASS
n38	30	40	518000	100@0	DFT_BPSK	37.460	37.870	PASS
n38	30	40	518000	100@0	DFT_QPSK	37.440	37.850	PASS
n38	30	40	518000	100@0	DFT_QAM16	37.350	37.880	PASS
n38	30	40	518000	100@0	DFT_QAM64	37.460	37.900	PASS
n38	30	40	518000	100@0	DFT_QAM256	37.350	37.870	PASS
n38	30	40	518000	106@0	CP_QPSK	37.970	40.040	PASS
n38	30	40	519000	100@0	DFT_BPSK	37.480	37.880	PASS
n38	30	40	519000	100@0	DFT_QPSK	37.500	37.880	PASS
n38	30	40	519000	100@0	DFT_QAM16	37.490	37.880	PASS
n38	30	40	519000	100@0	DFT_QAM64	37.470	37.870	PASS
n38	30	40	519000	100@0	DFT_QAM256	37.360	37.850	PASS
n38	30	40	519000	106@0	CP_QPSK	37.970	40.050	PASS
n38	30	40	520000	100@0	DFT_BPSK	37.610	37.880	PASS
n38	30	40	520000	100@0	DFT_QPSK	37.470	37.860	PASS
n38	30	40	520000	100@0	DFT_QAM16	37.500	37.880	PASS
n38	30	40	520000	100@0	DFT_QAM64	37.490	37.890	PASS
n38	30	40	520000	100@0	DFT_QAM256	37.470	37.890	PASS
n38	30	40	520000	106@0	CP_QPSK	37.970	40.050	PASS

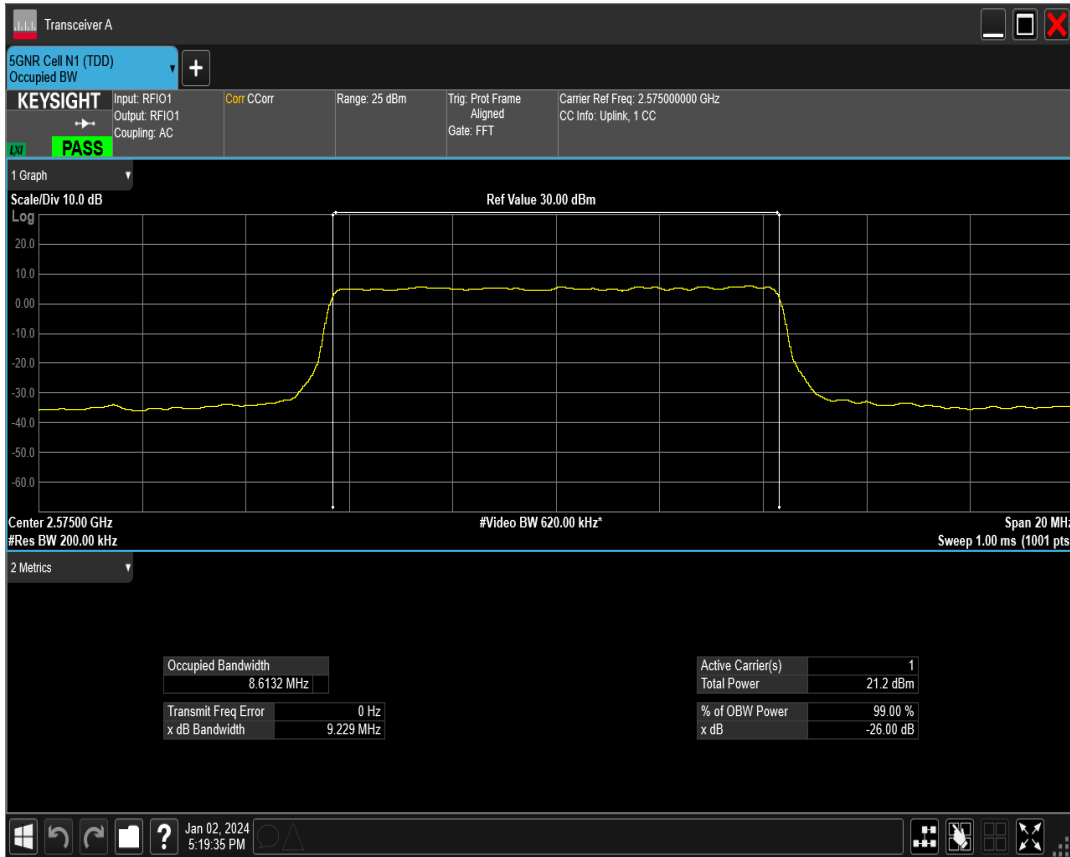
n38 SCS=30kHz DFT_BPSK BW=10MHz Channel=515000 RB=24@0



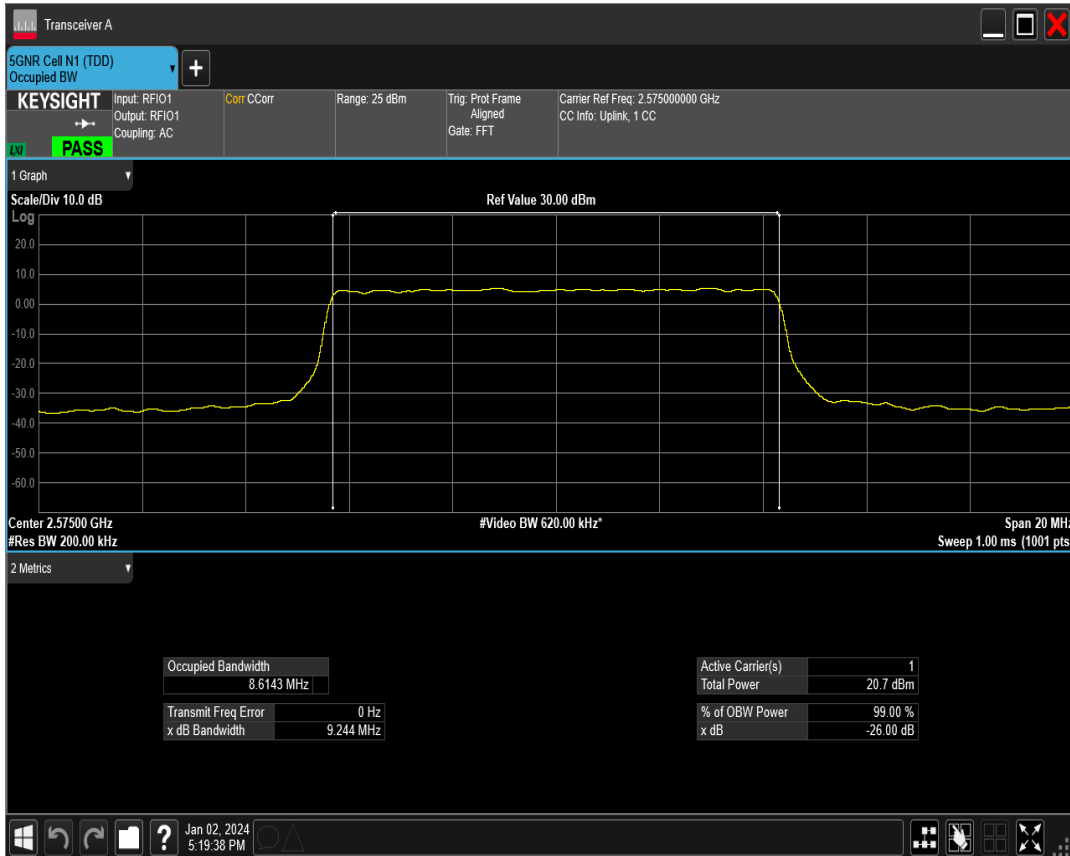
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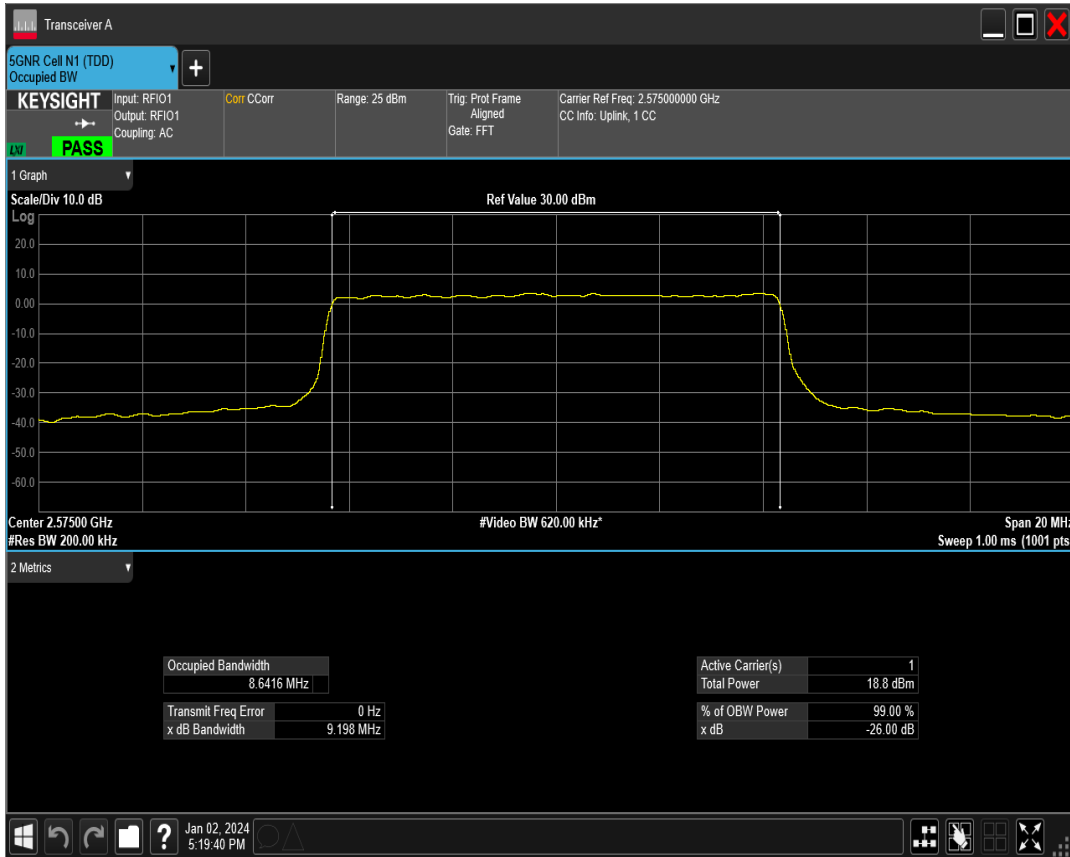
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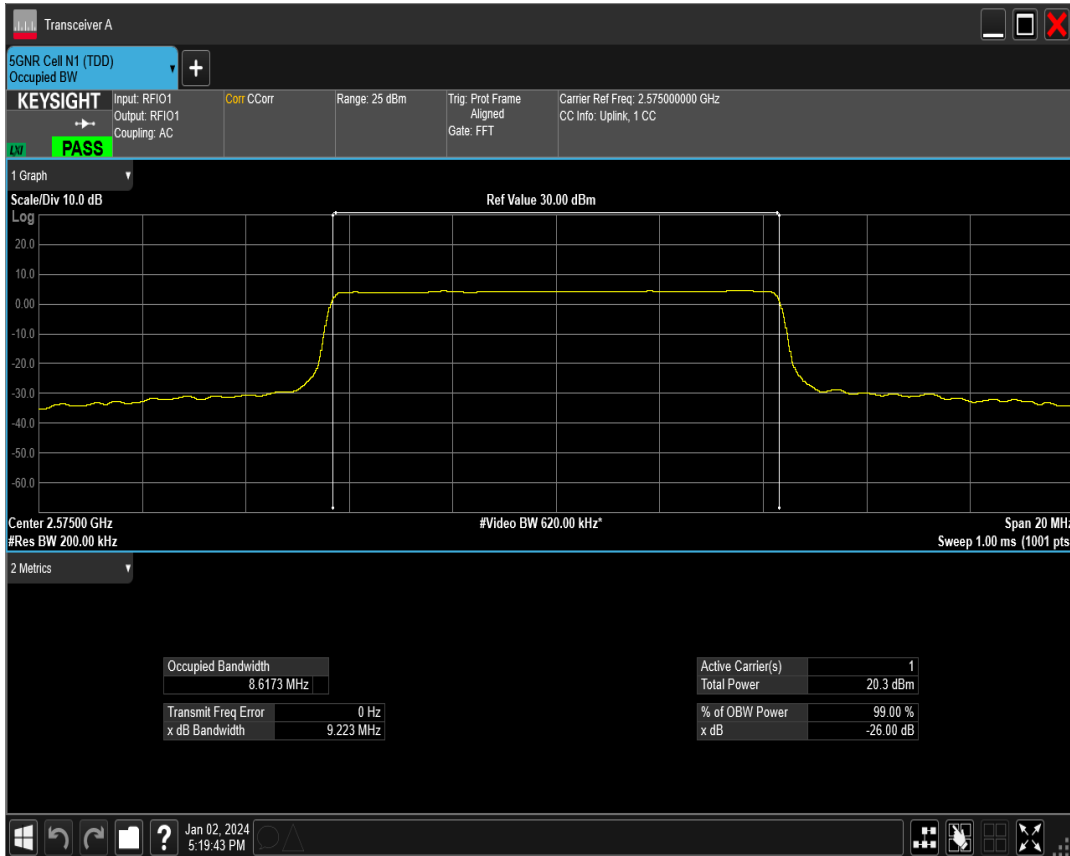
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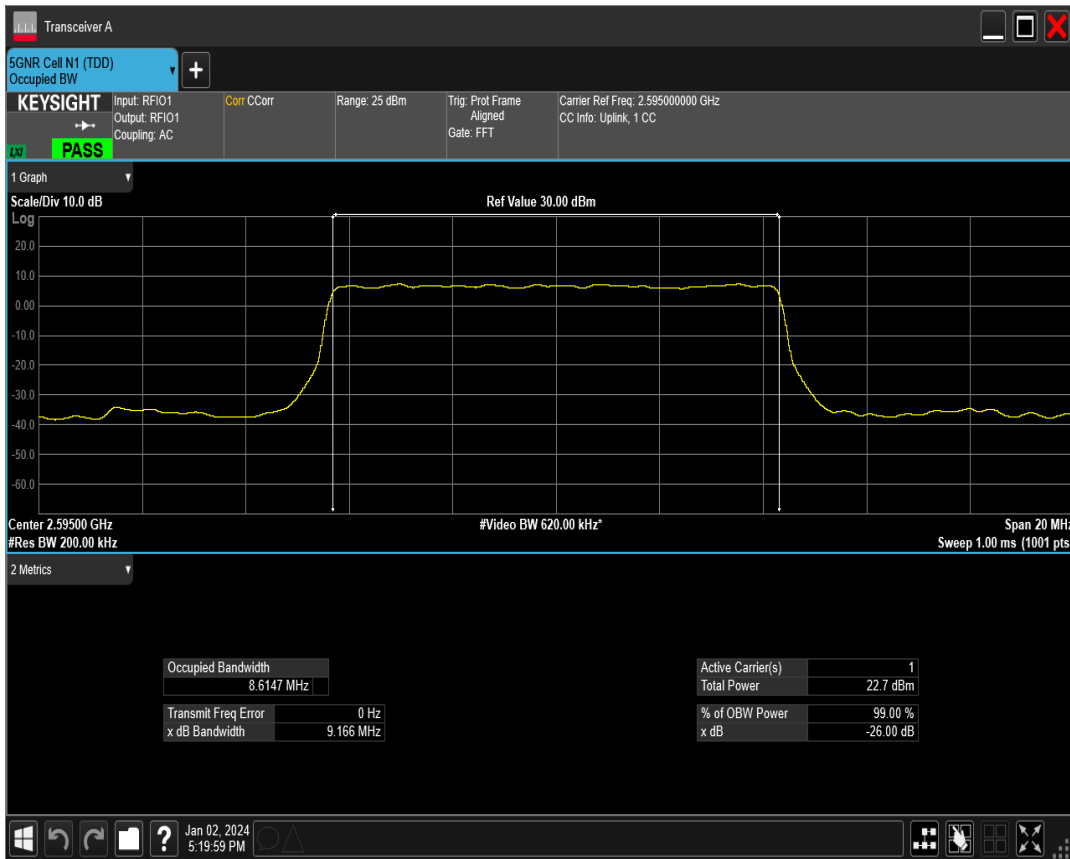
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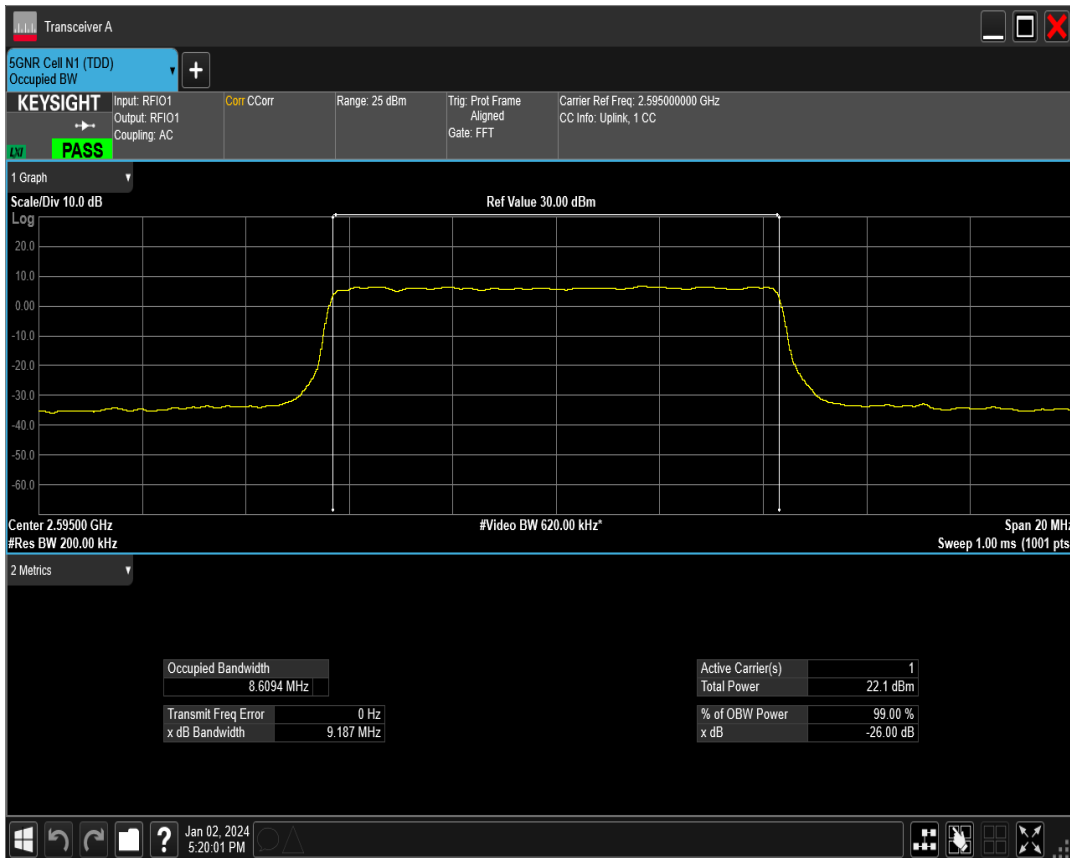
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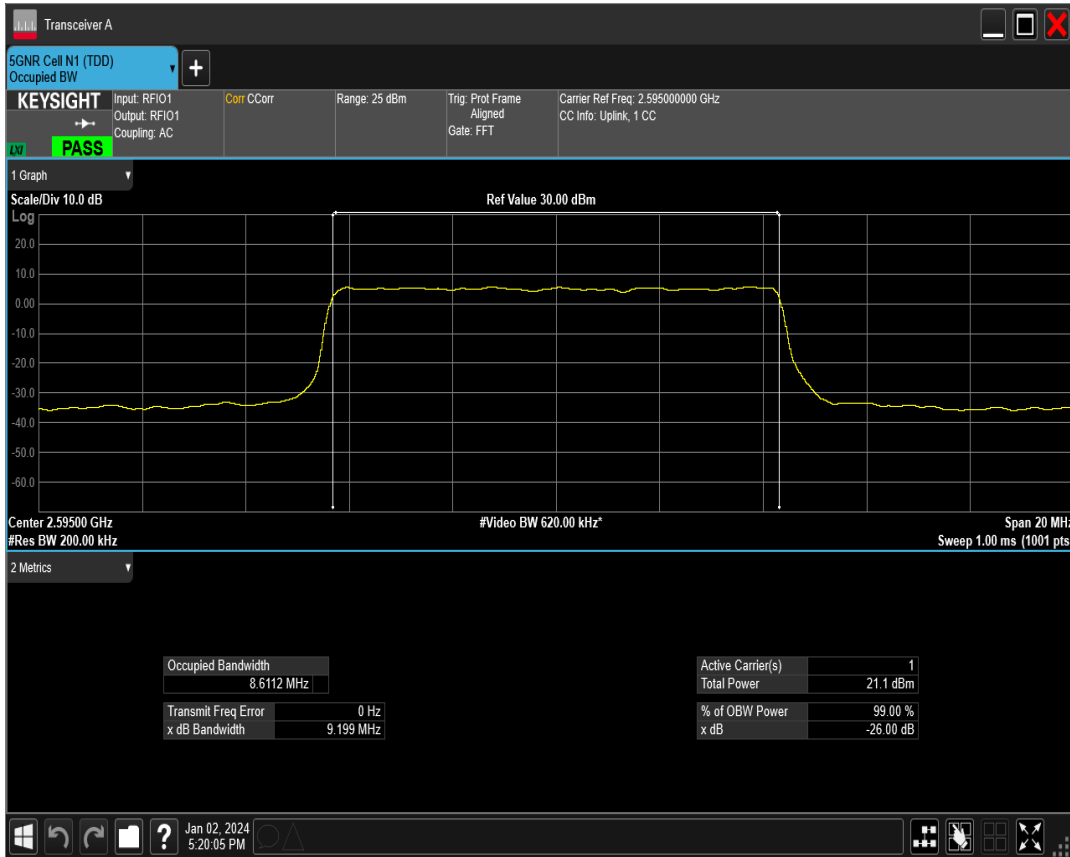
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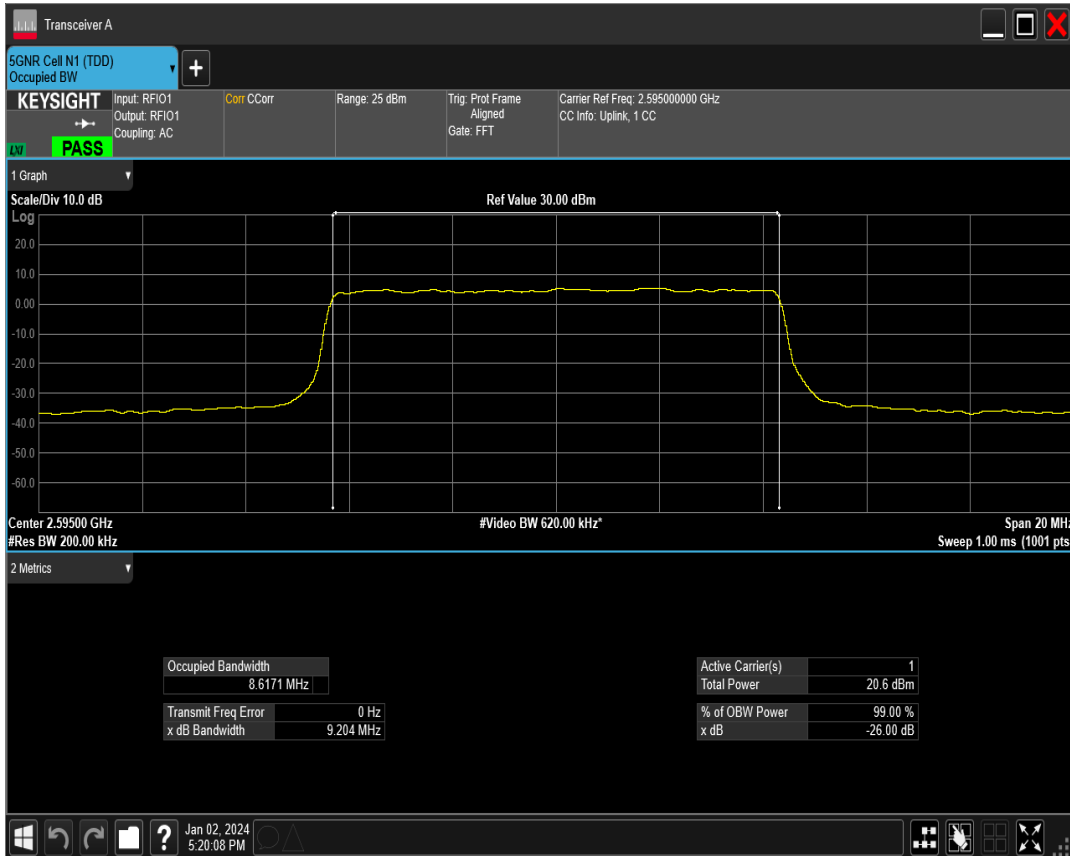
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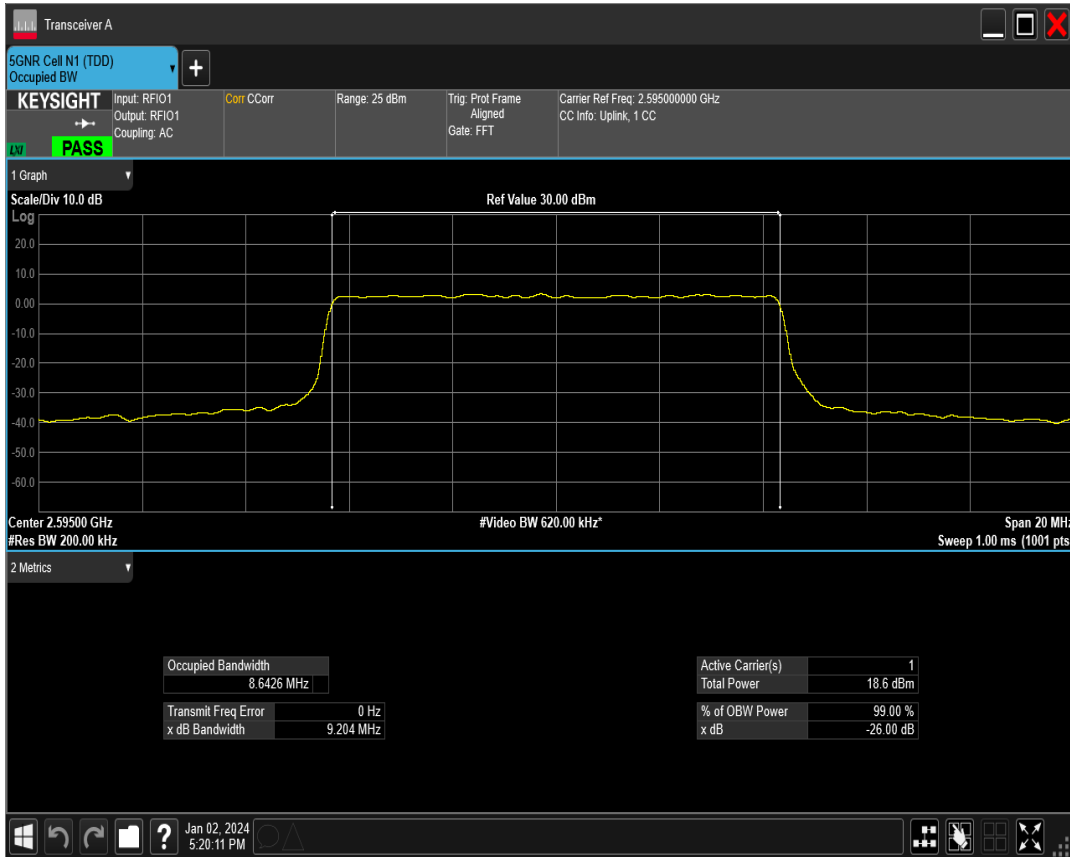
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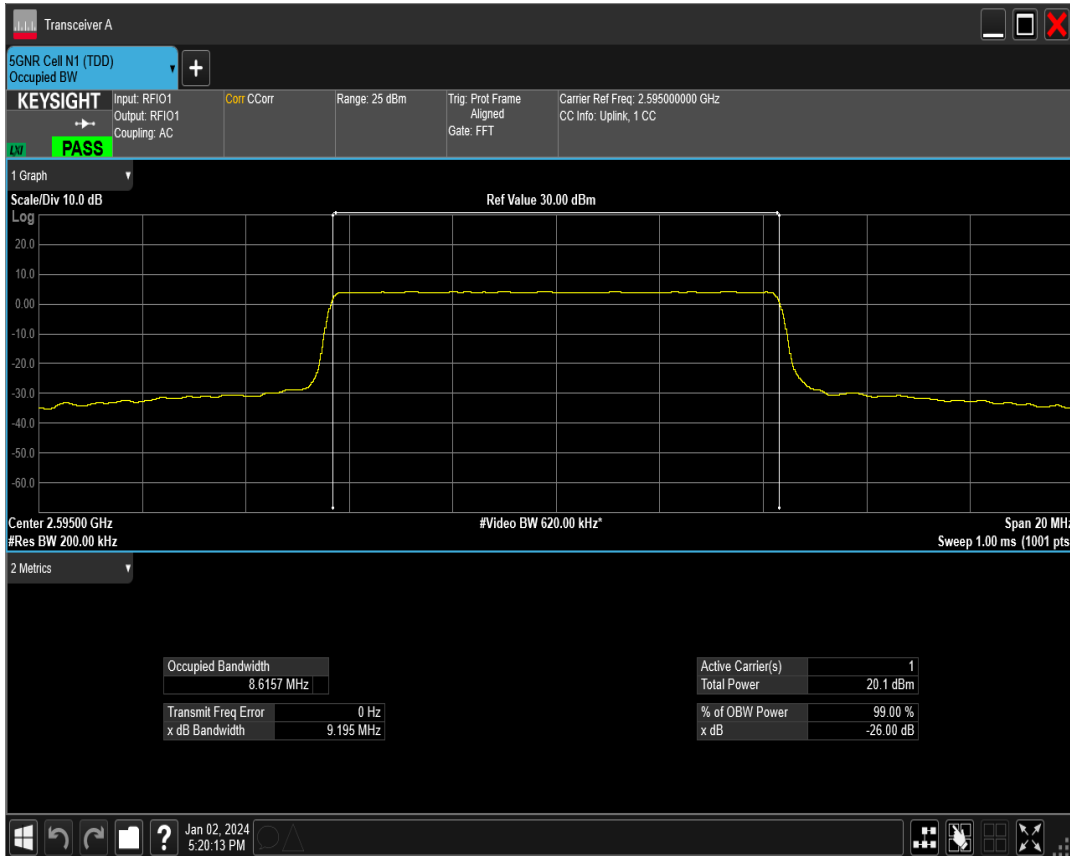
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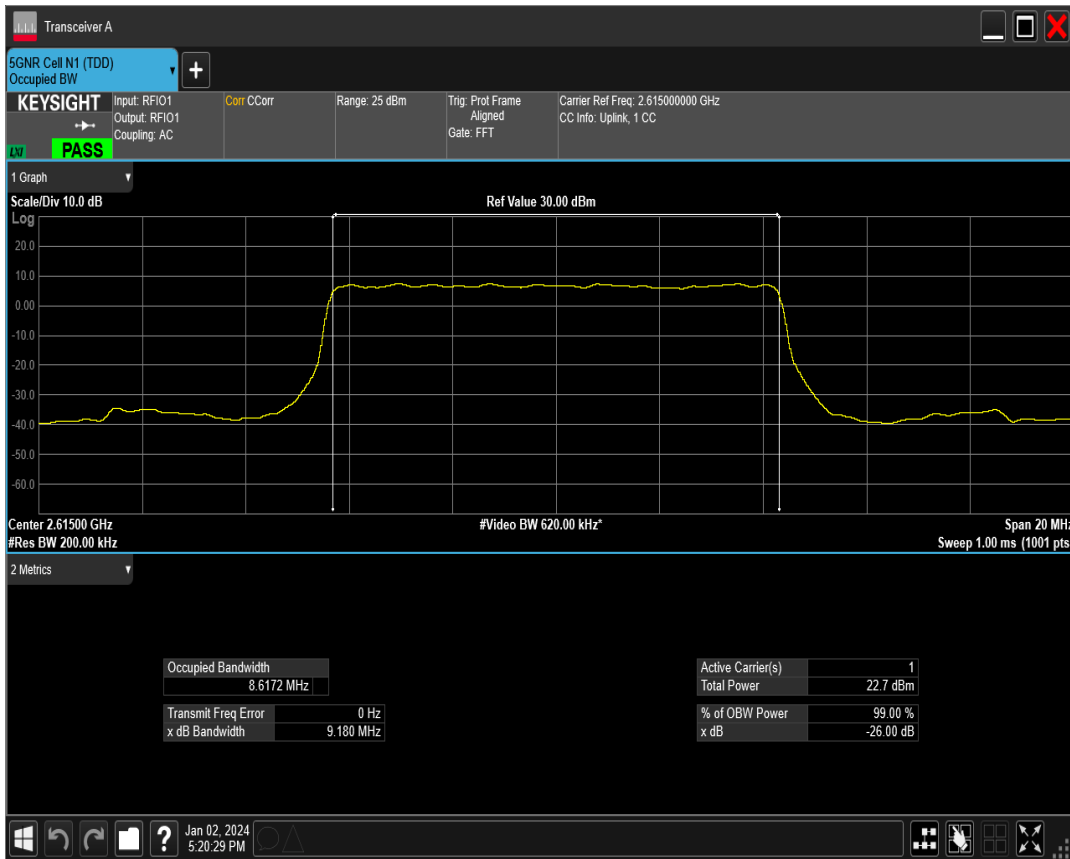
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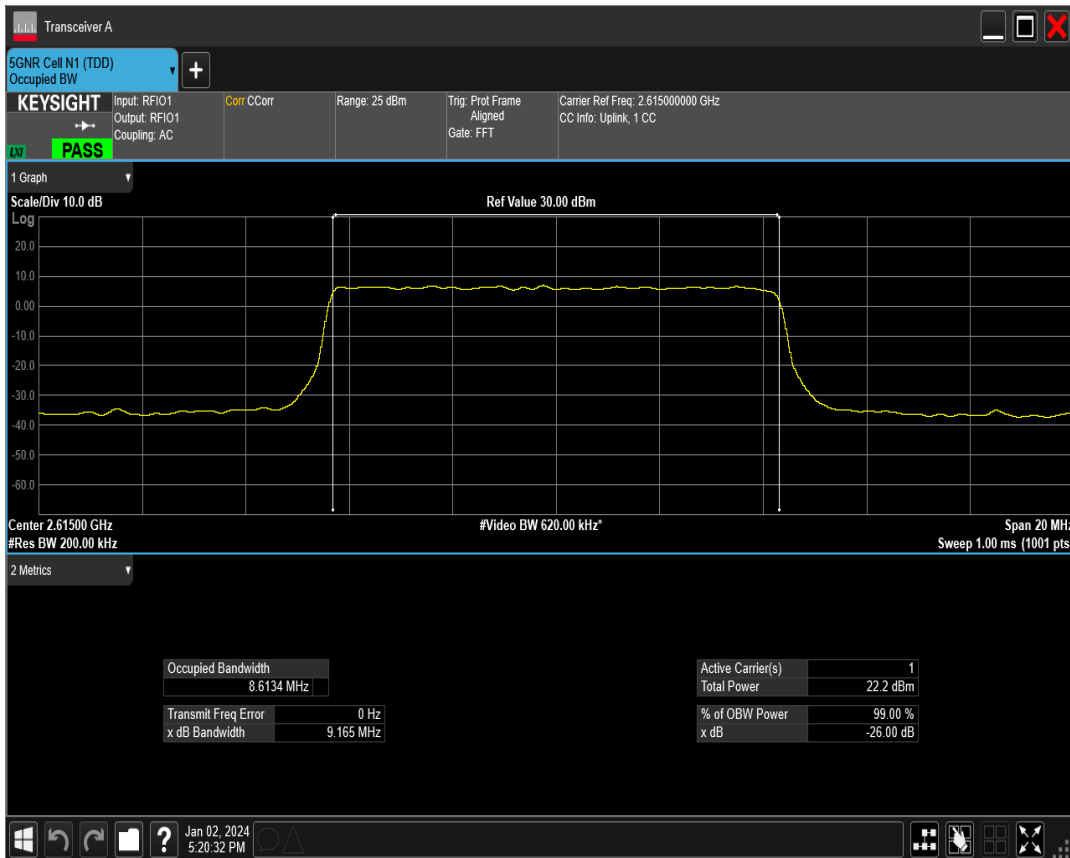
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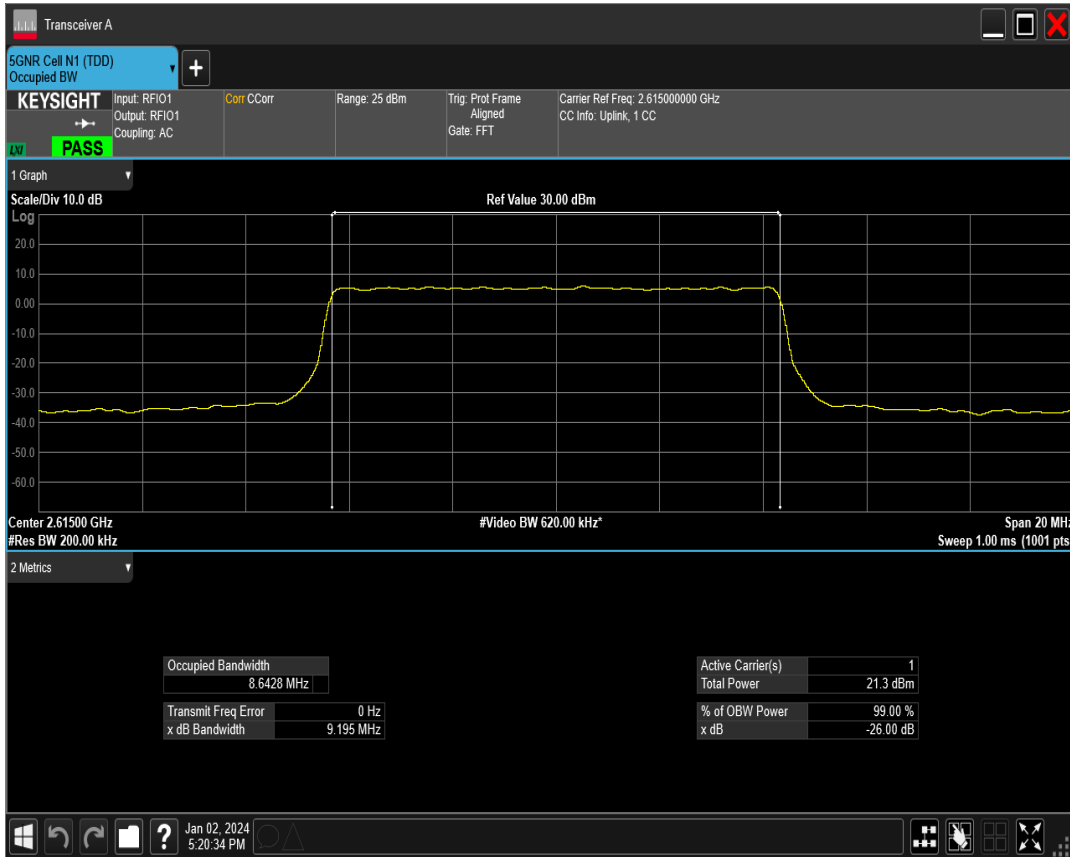
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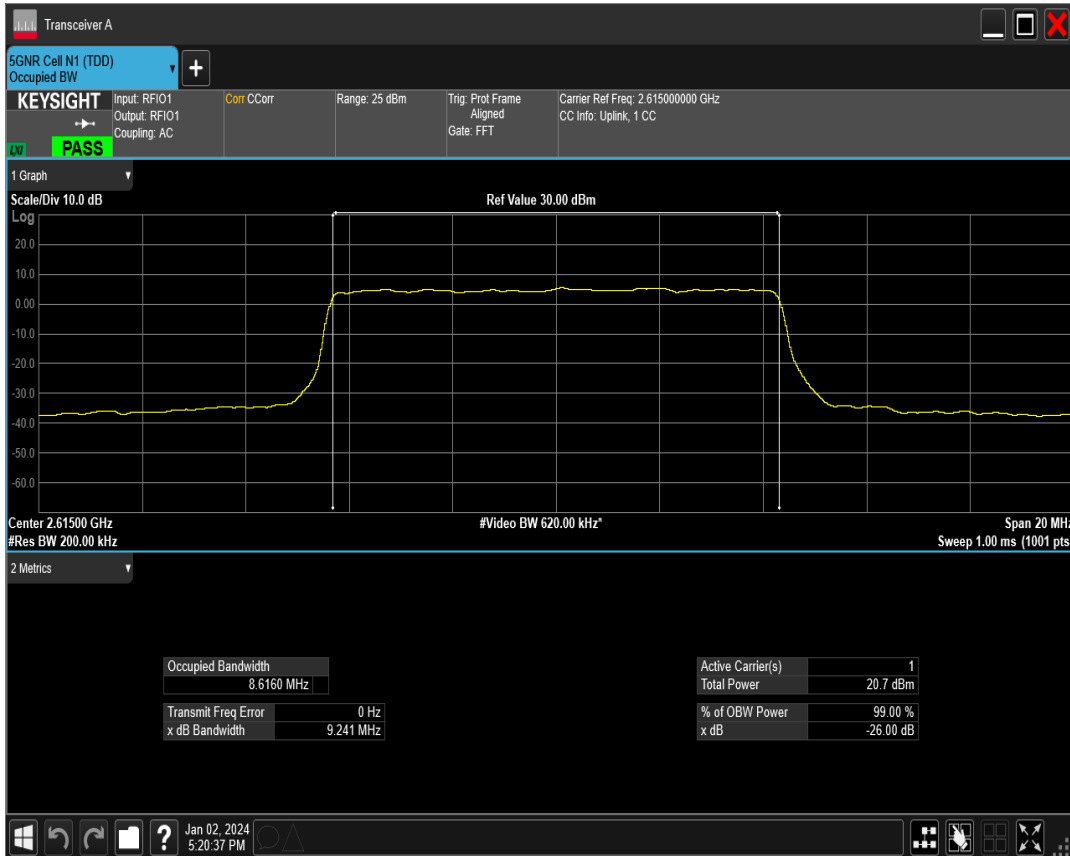
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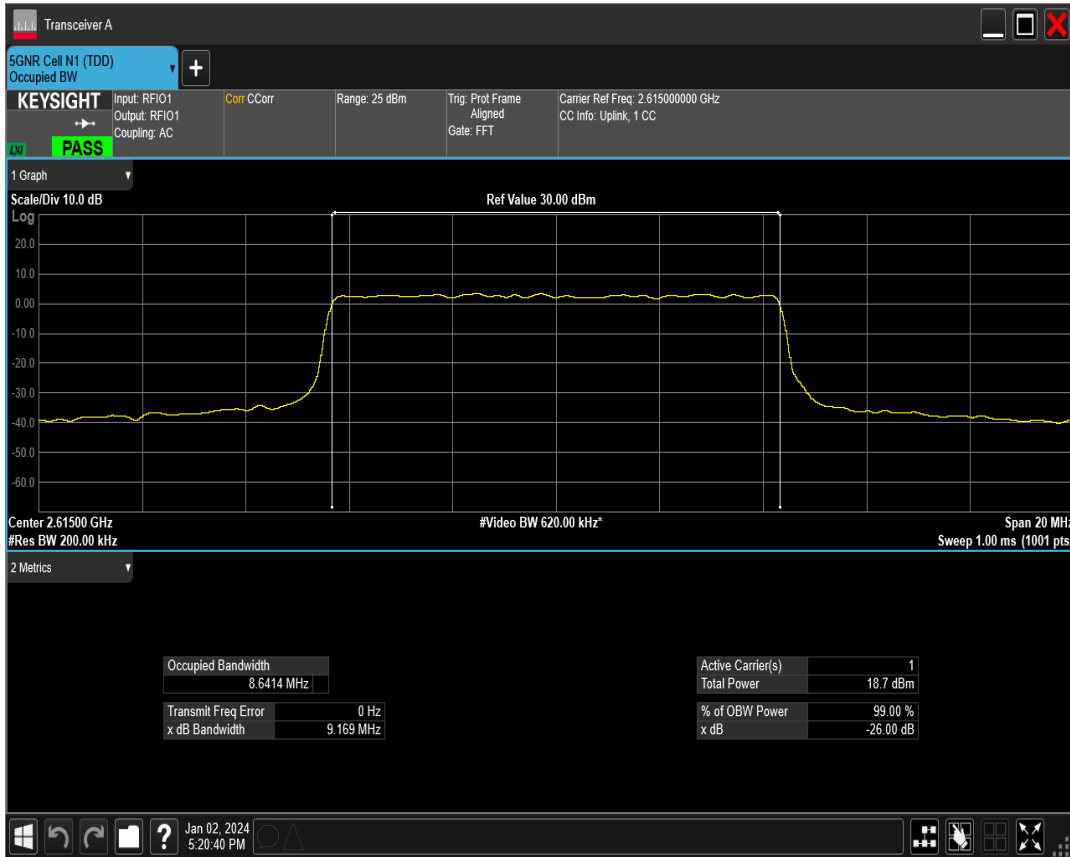
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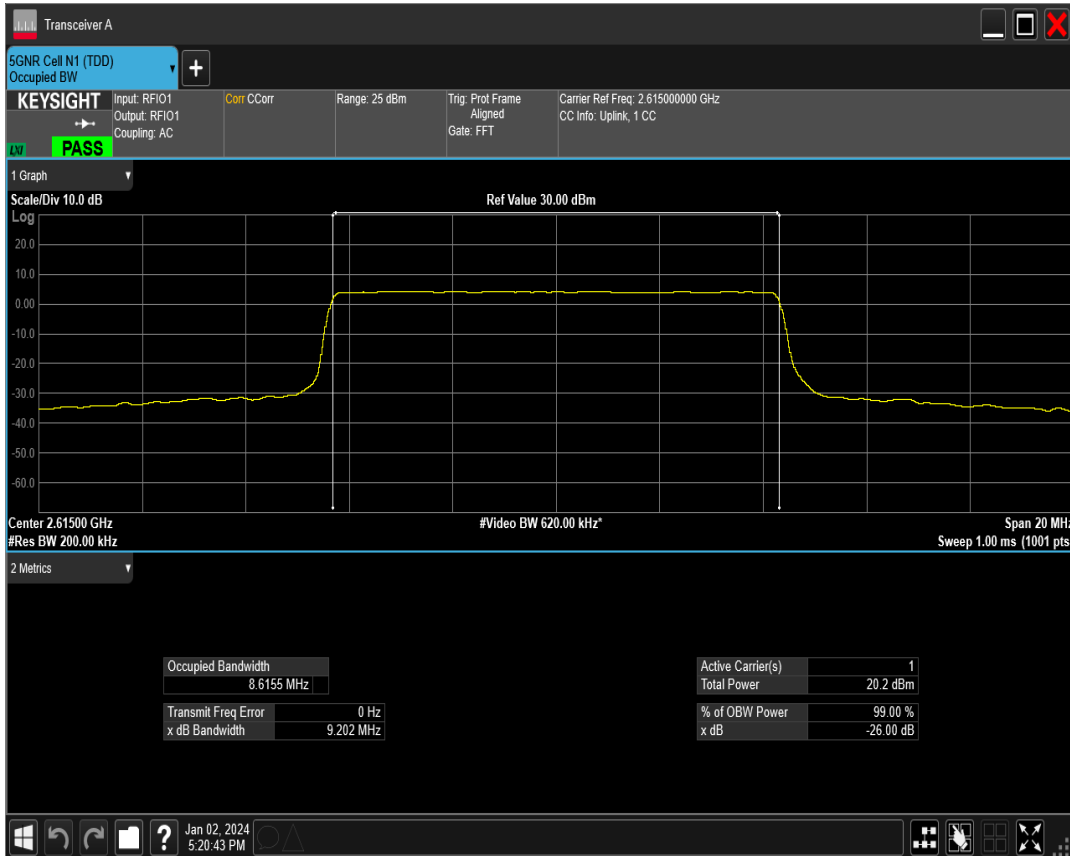
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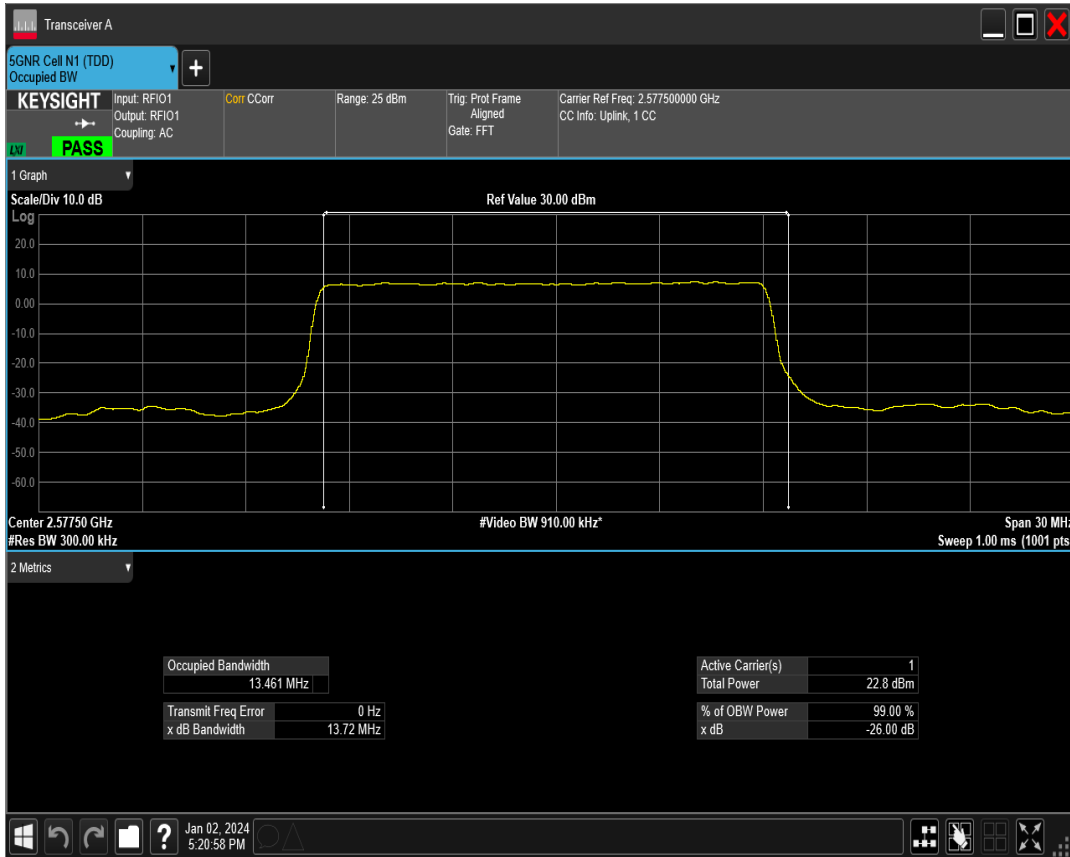
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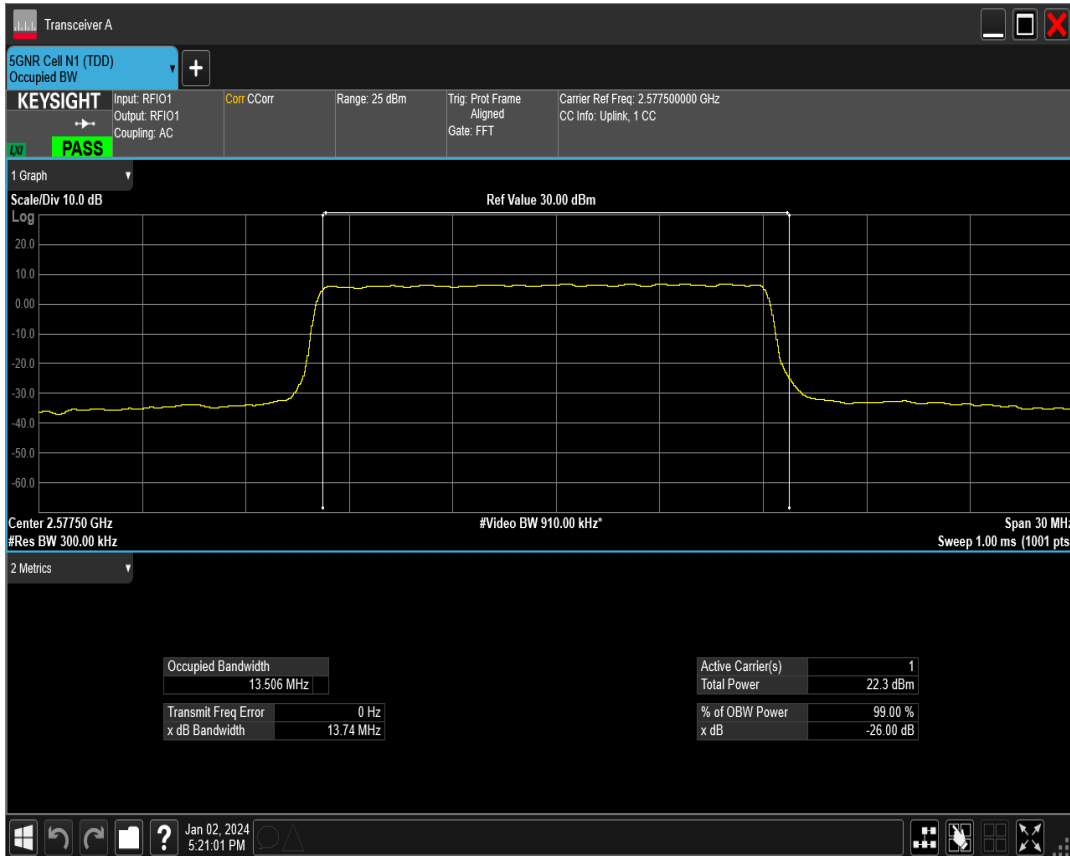
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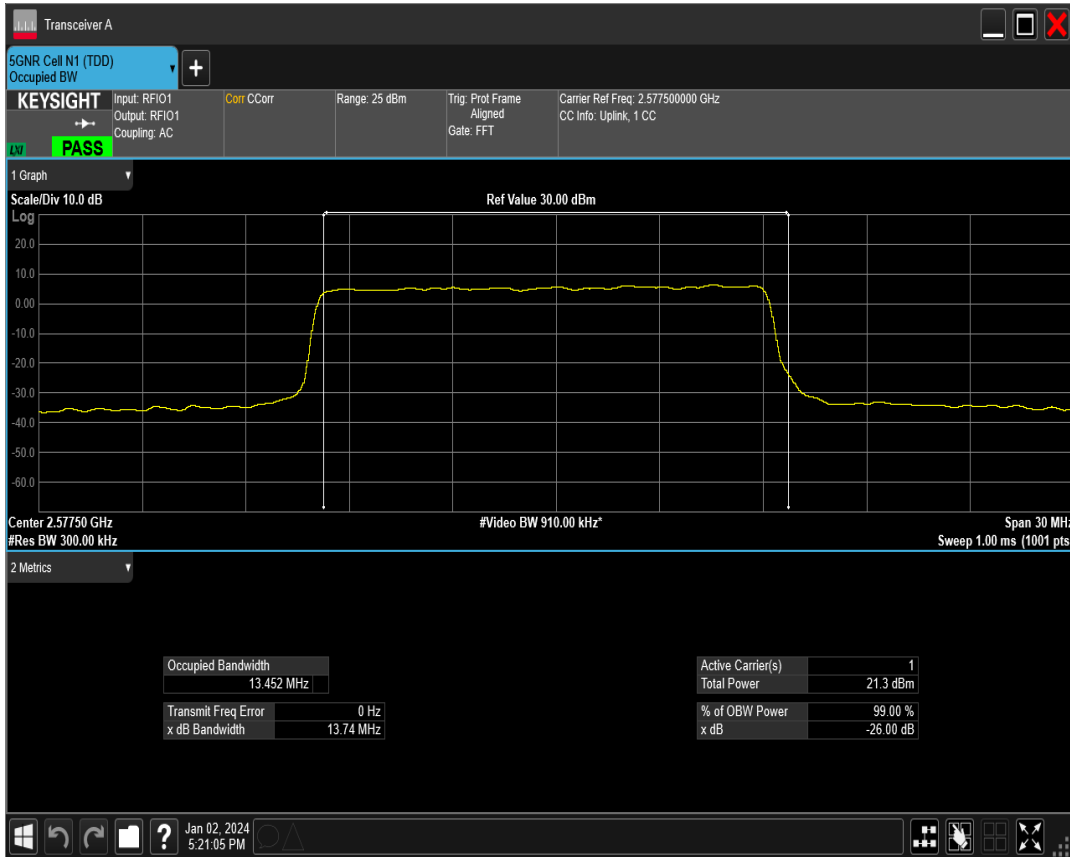
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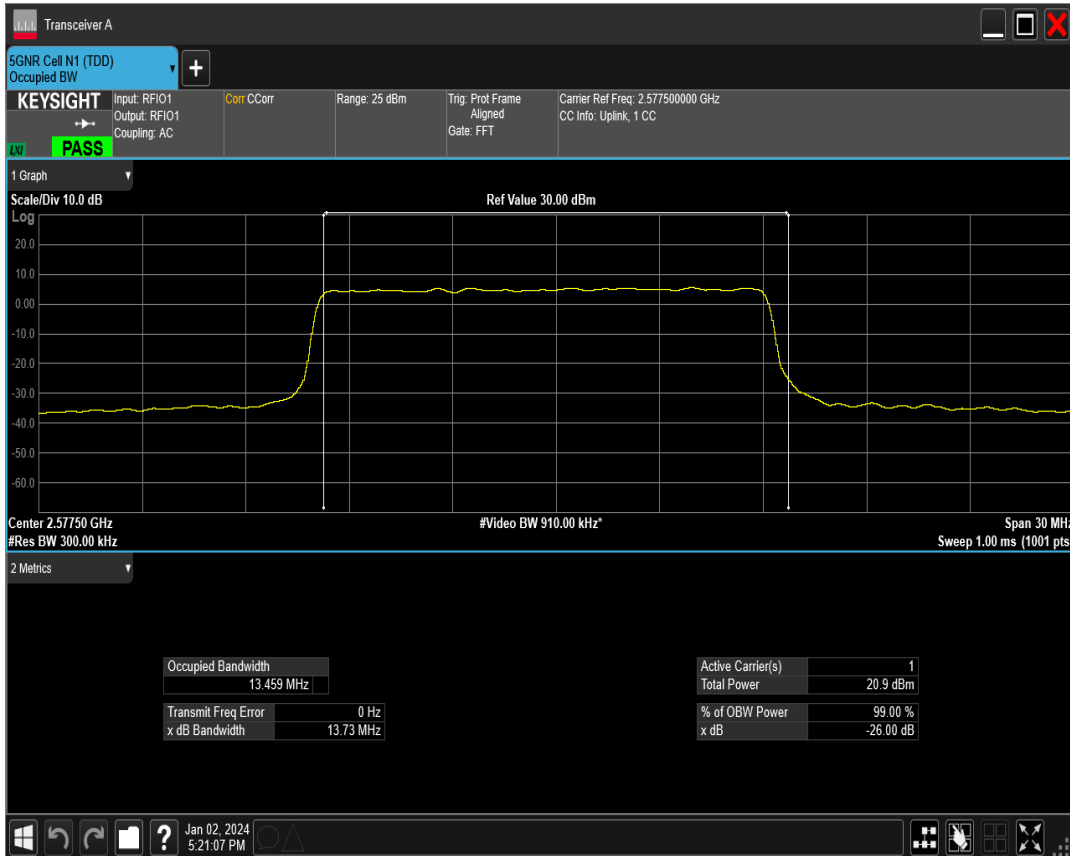
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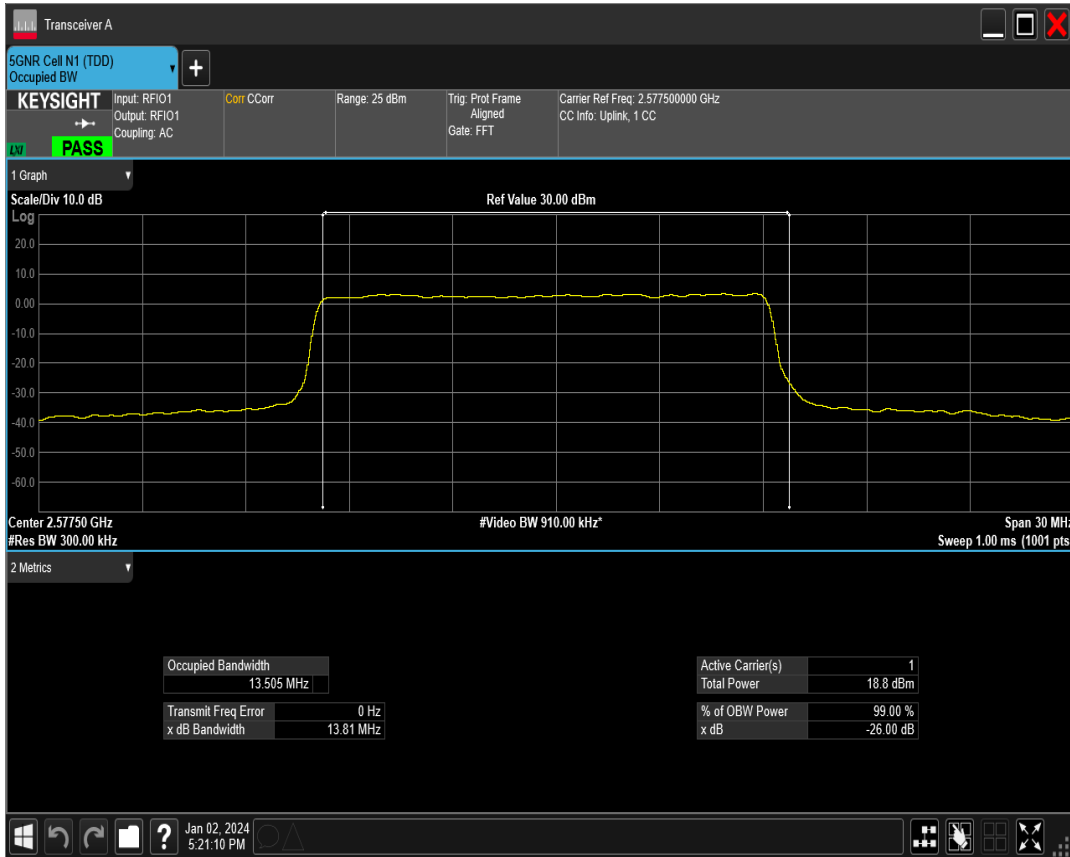
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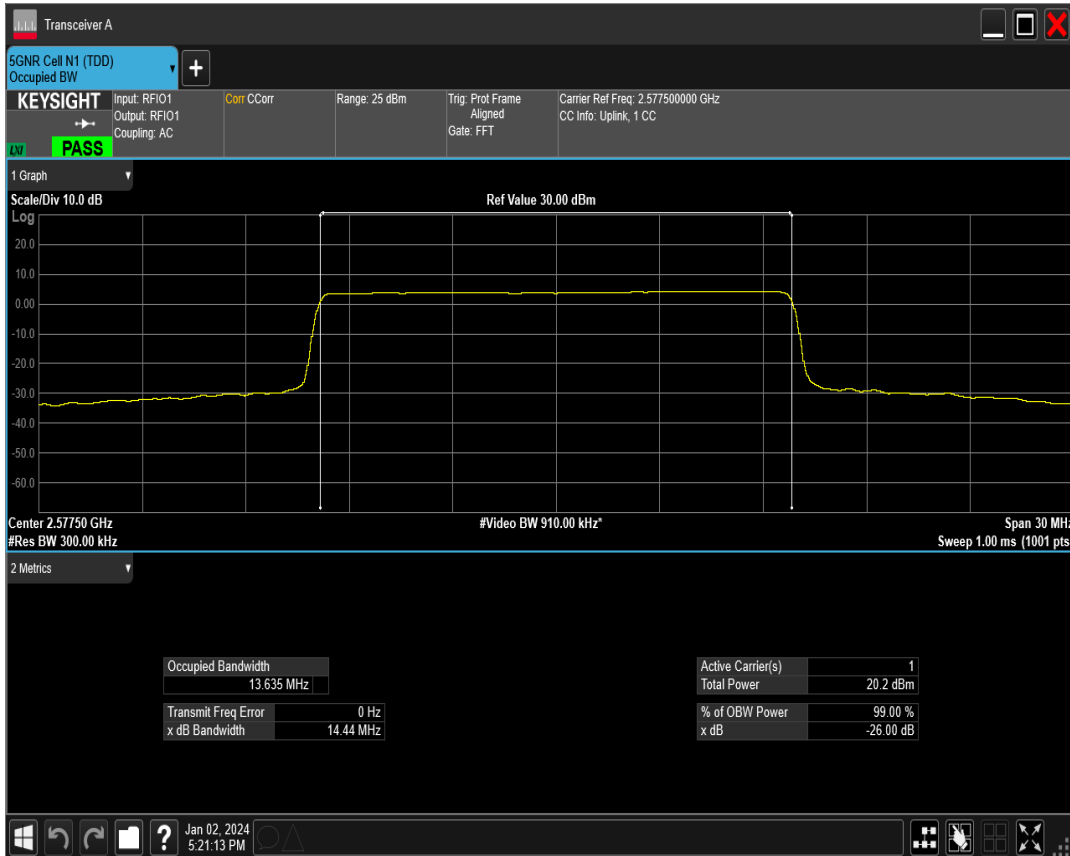
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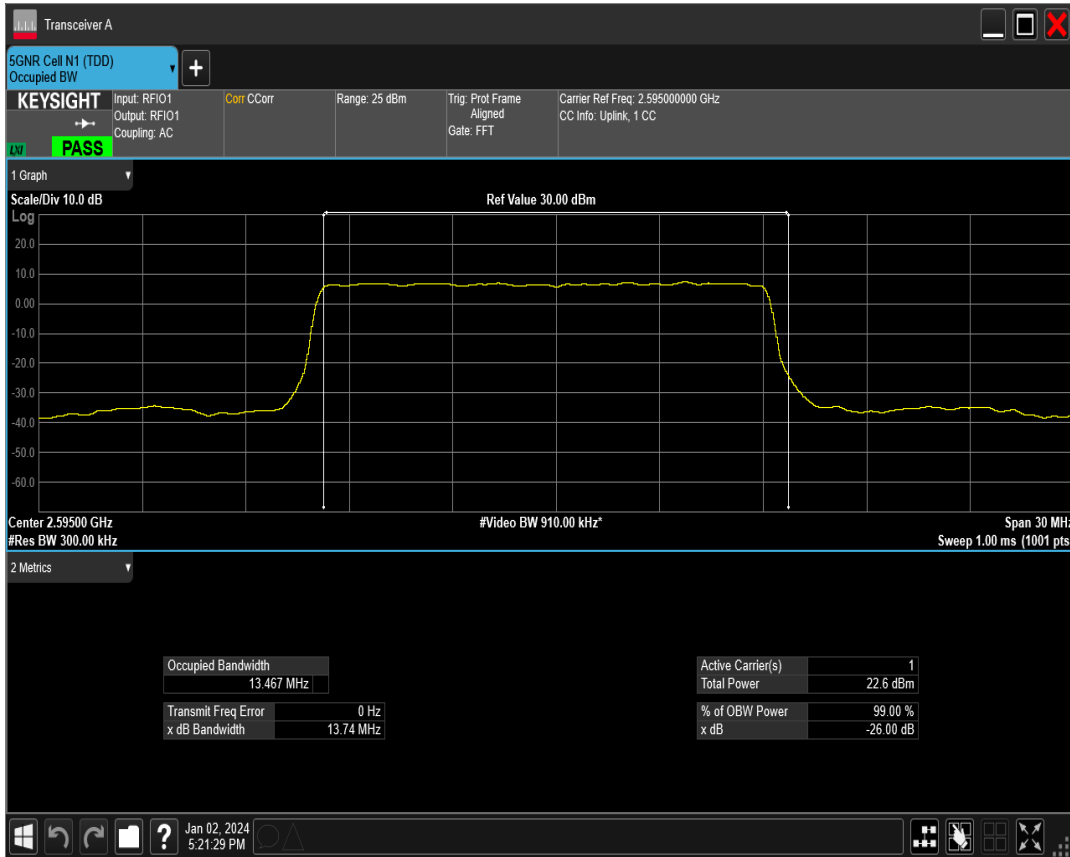
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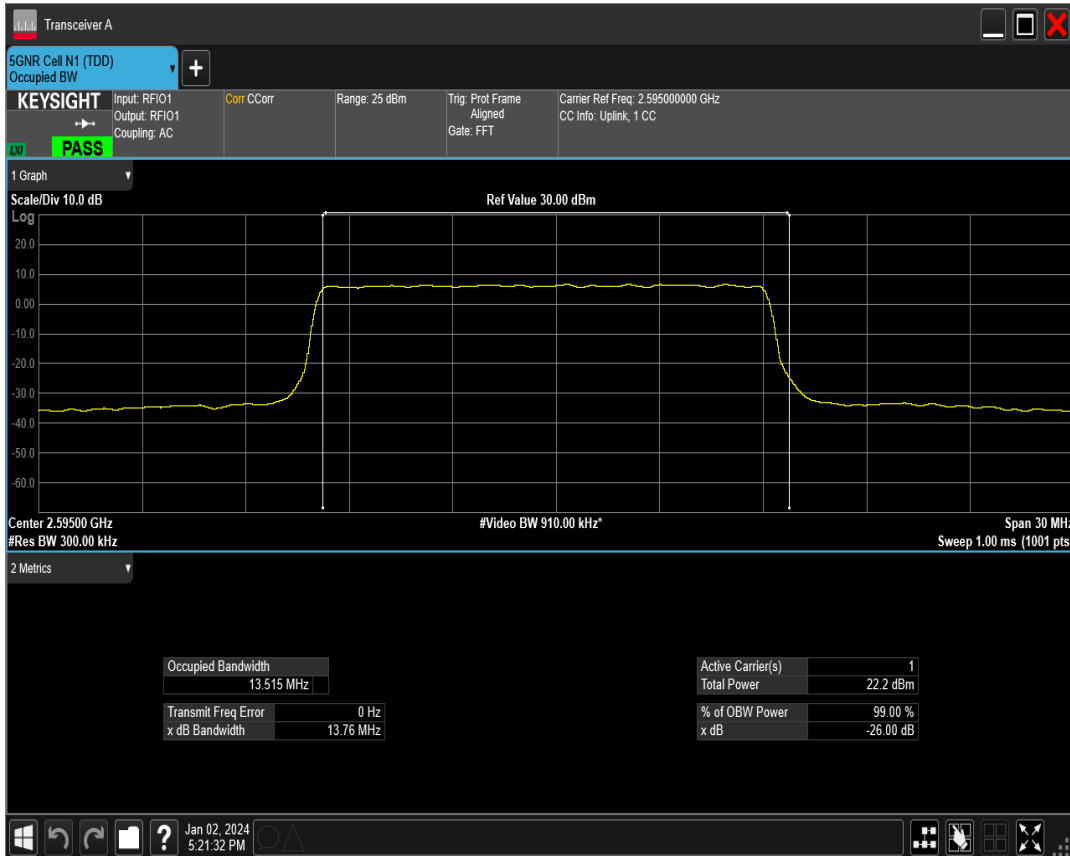
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n38 SCS=30kHz DFT_BPSK BW=15MHz Channel=519000 RB=36@0



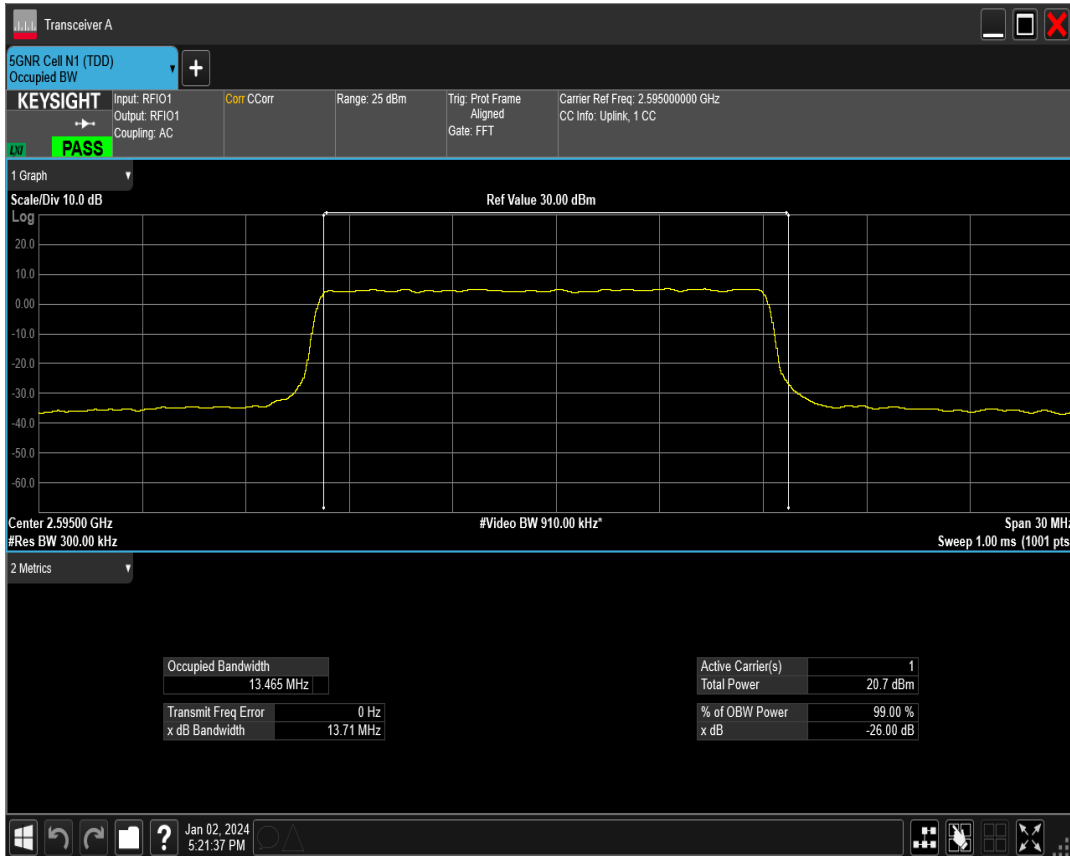
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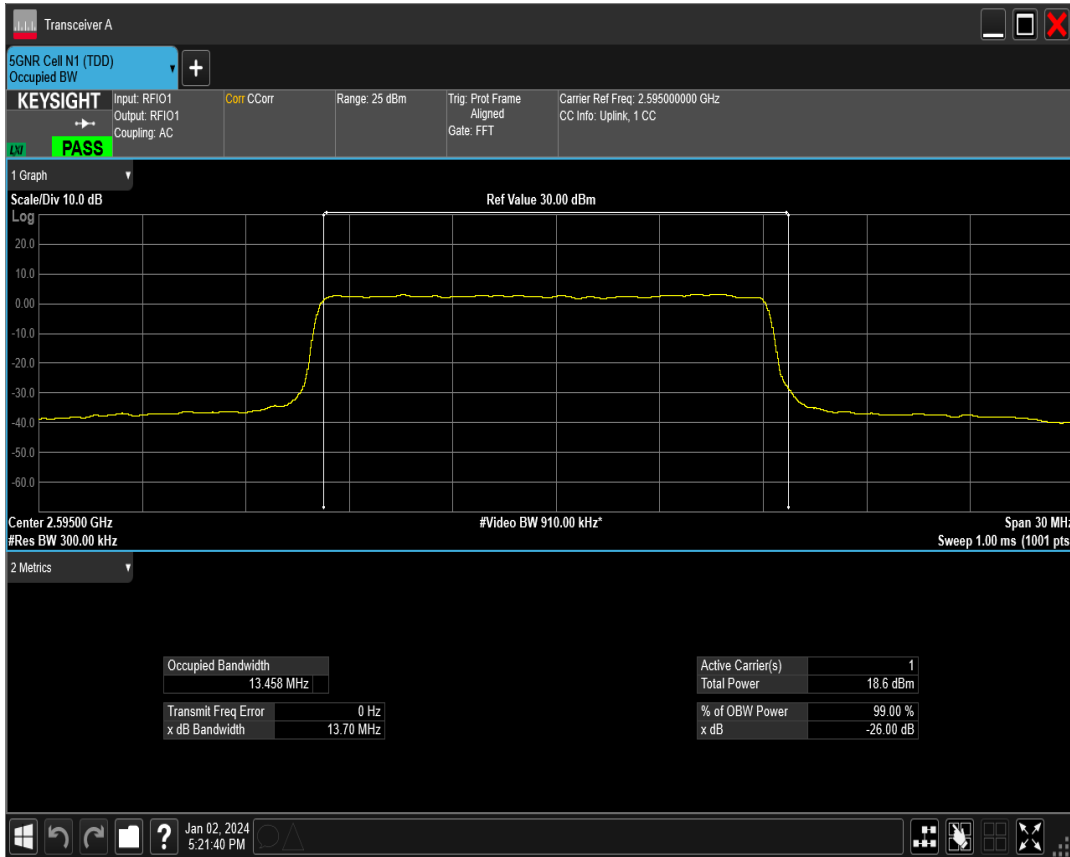
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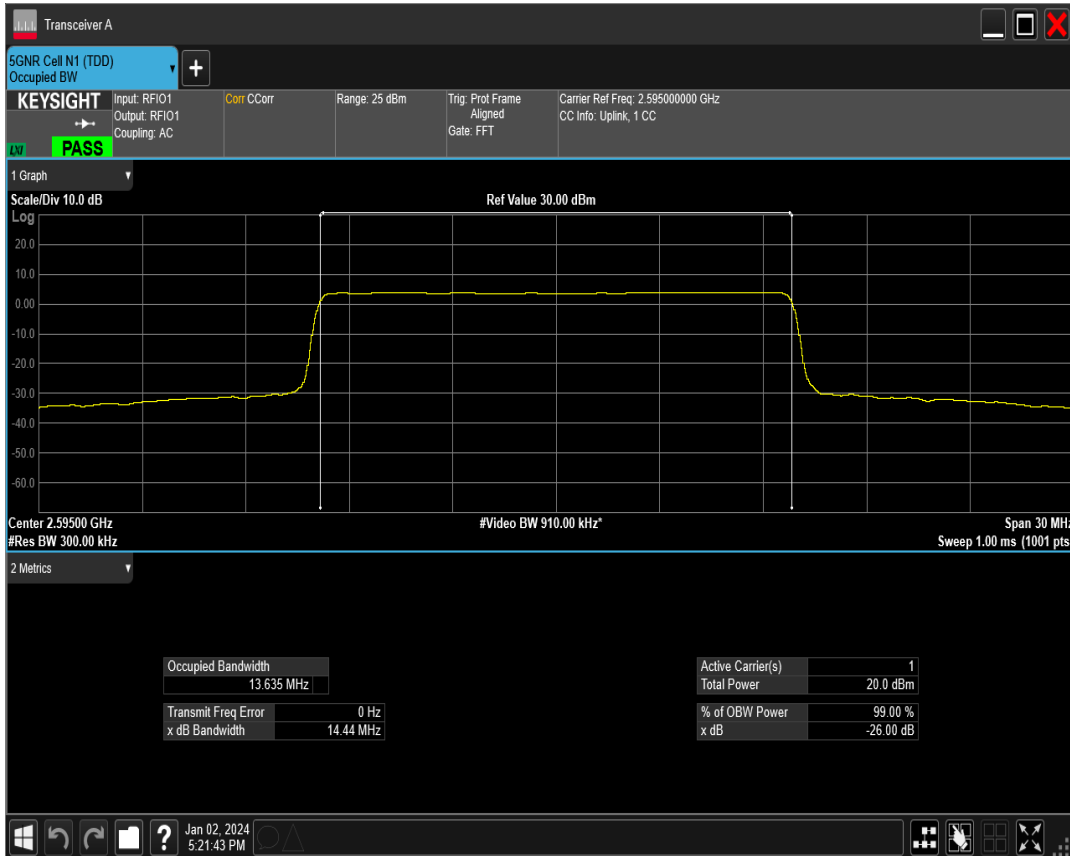
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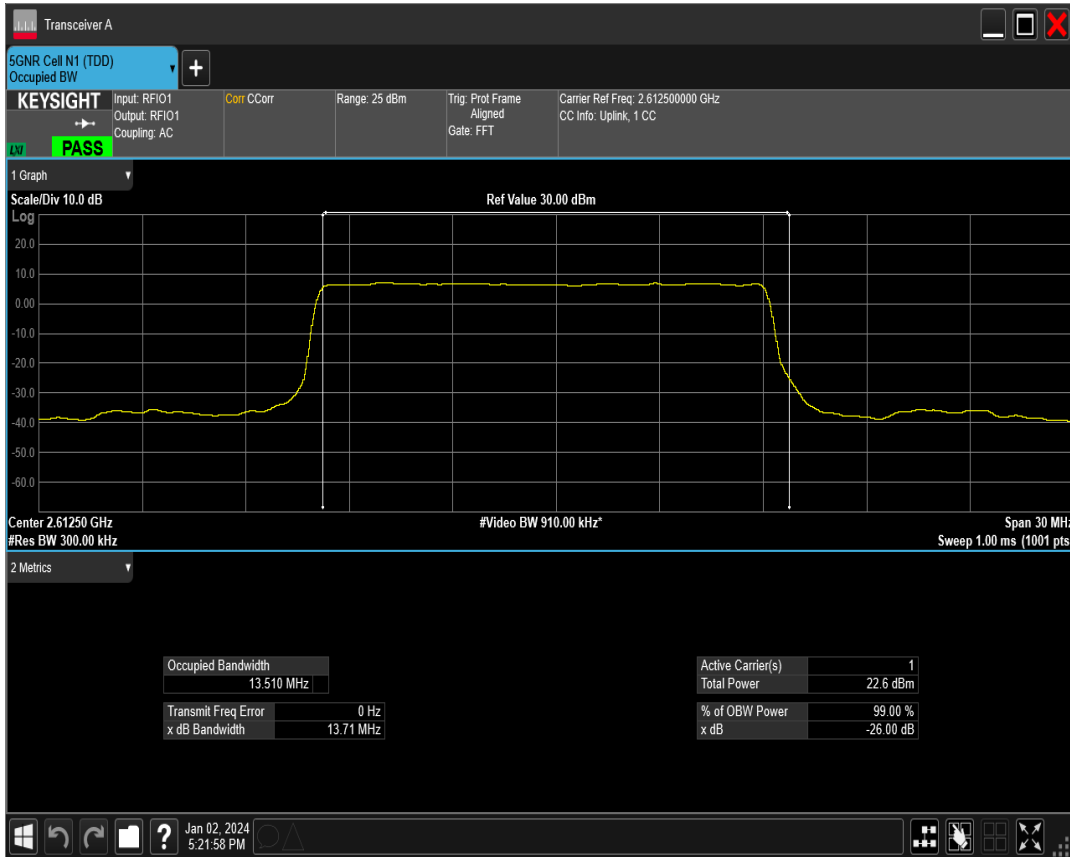
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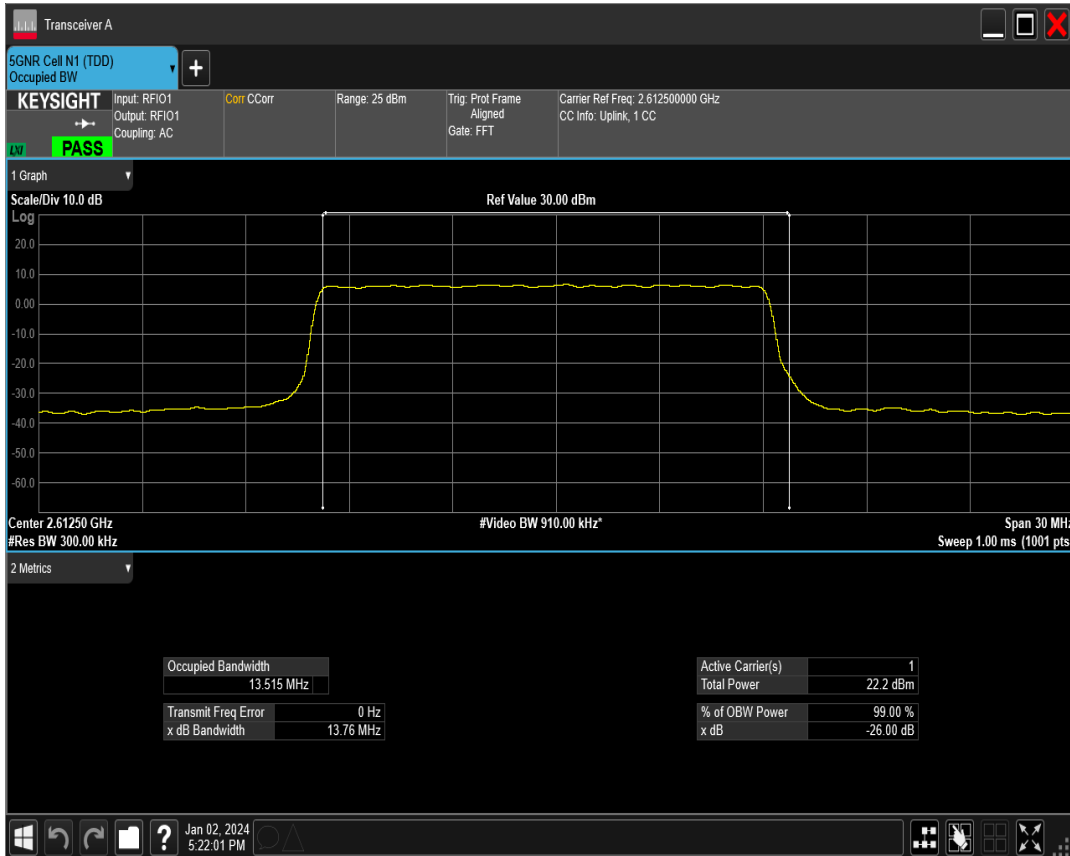
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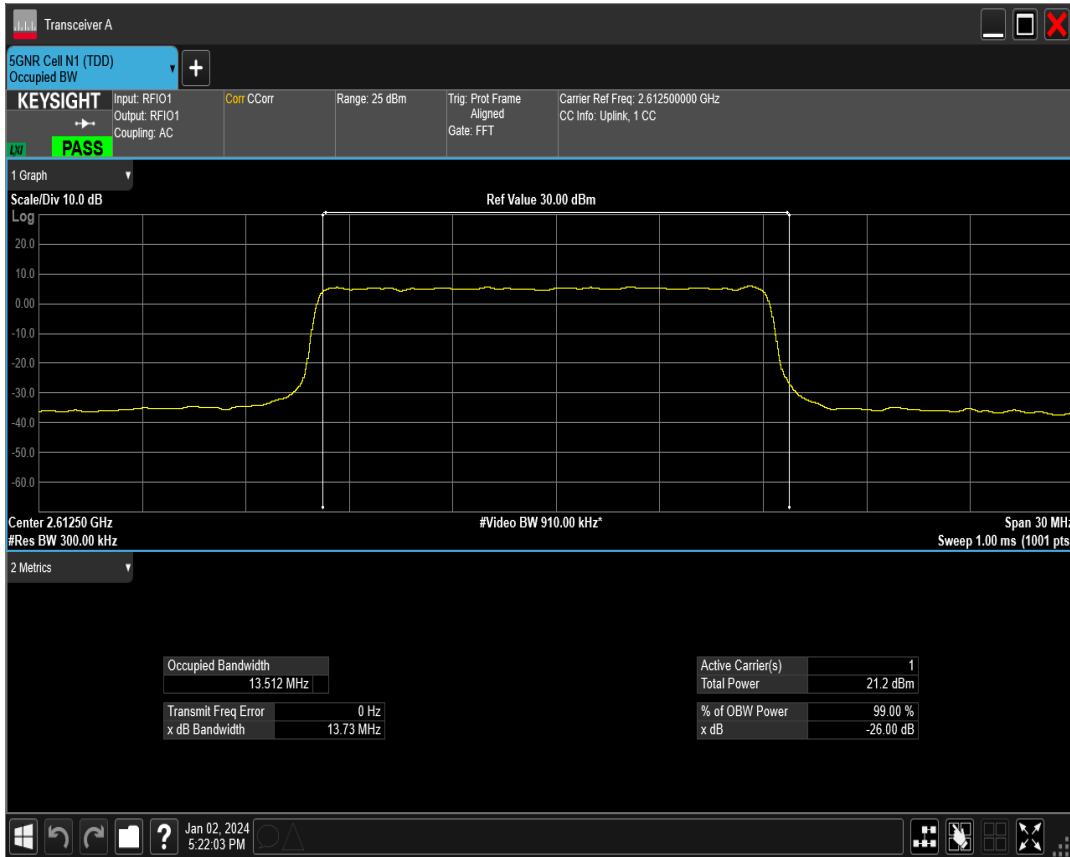
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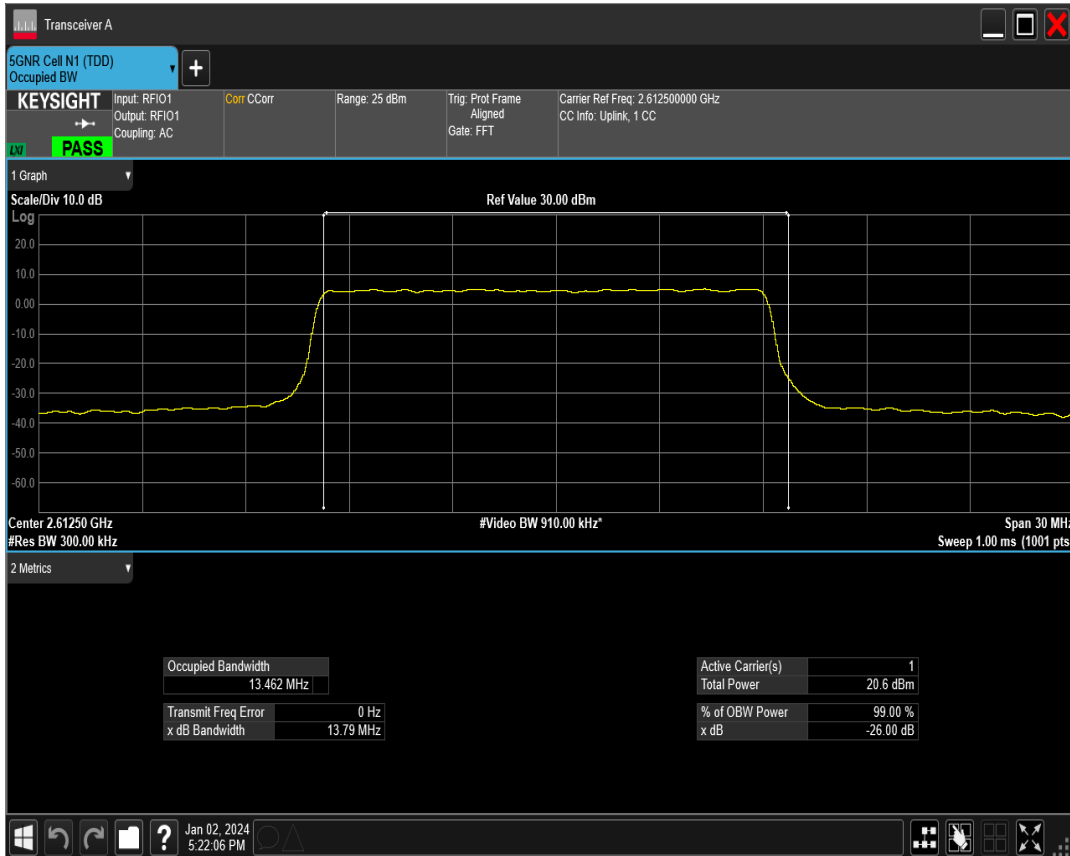
n38 SCS=30kHz DFT_QPSK BW=15MHz Channel=522500 RB=36@0



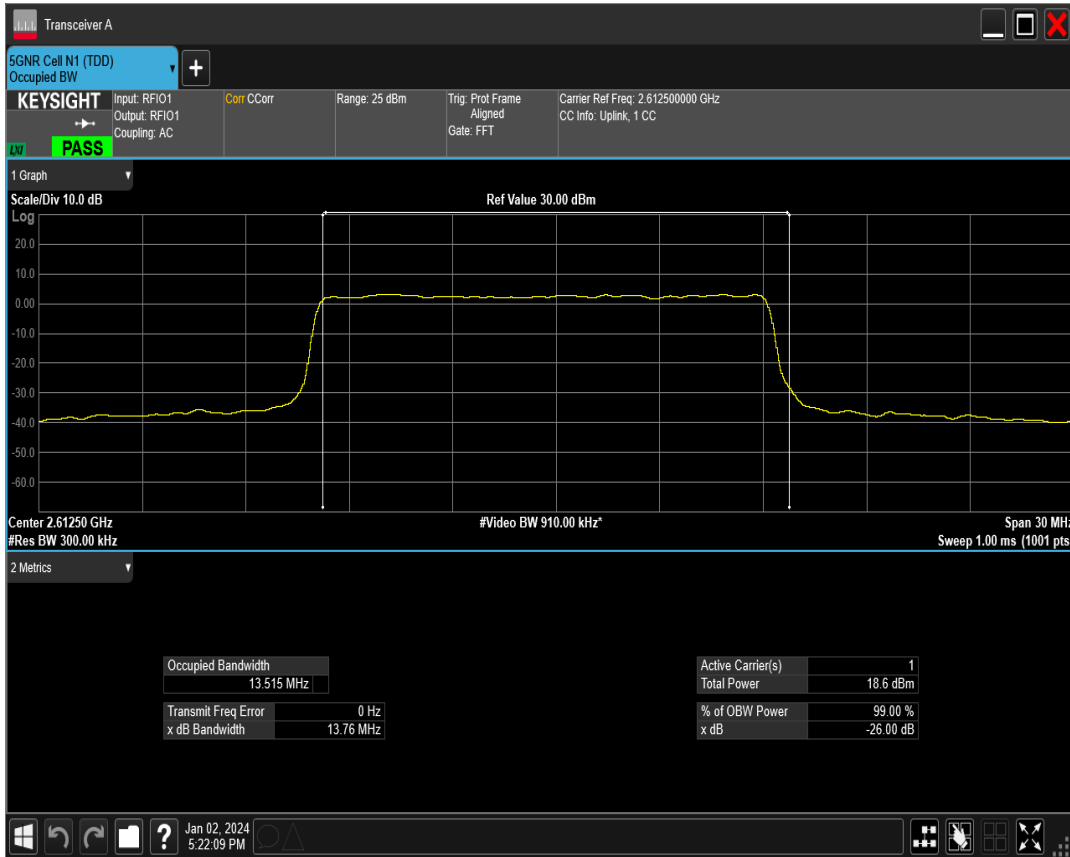
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n38 SCS=30kHz DFT_QAM64 BW=15MHz Channel=522500 RB=36@0



n38 SCS=30kHz DFT_QAM256 BW=15MHz Channel=522500 RB=36@0



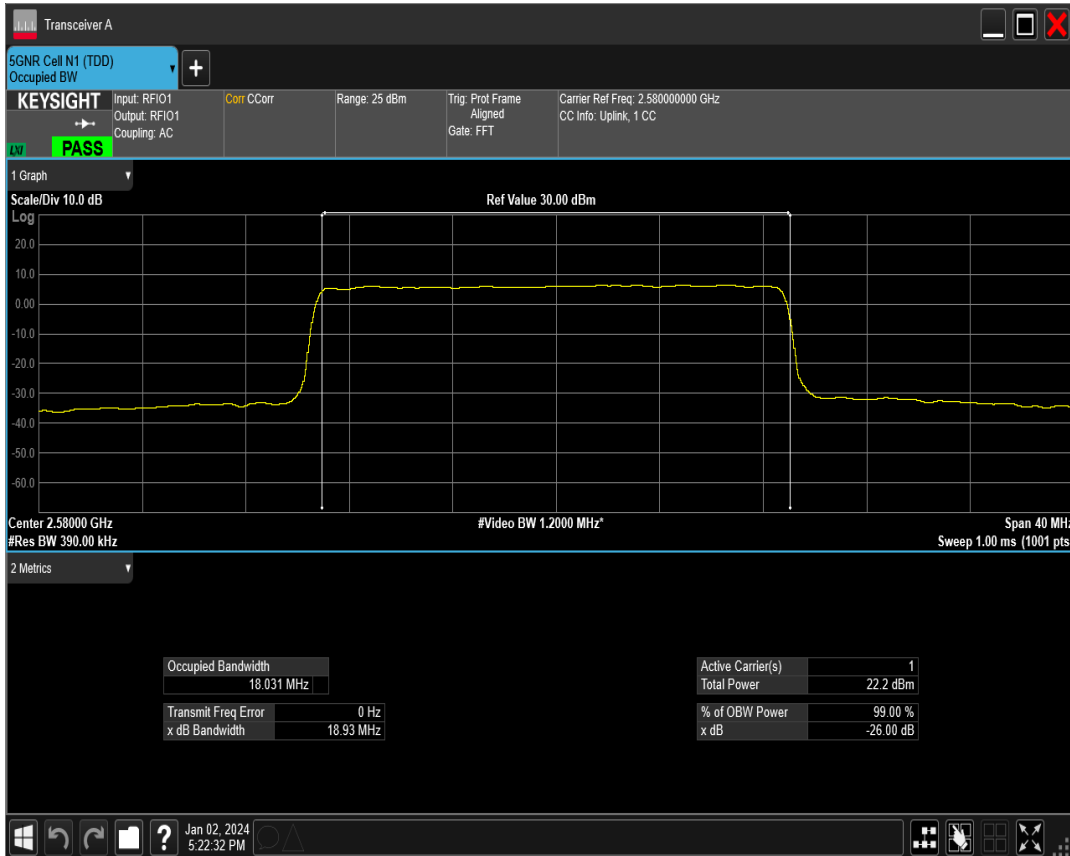
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n38 SCS=30kHz DFT_BPSK BW=20MHz Channel=516000 RB=50@0



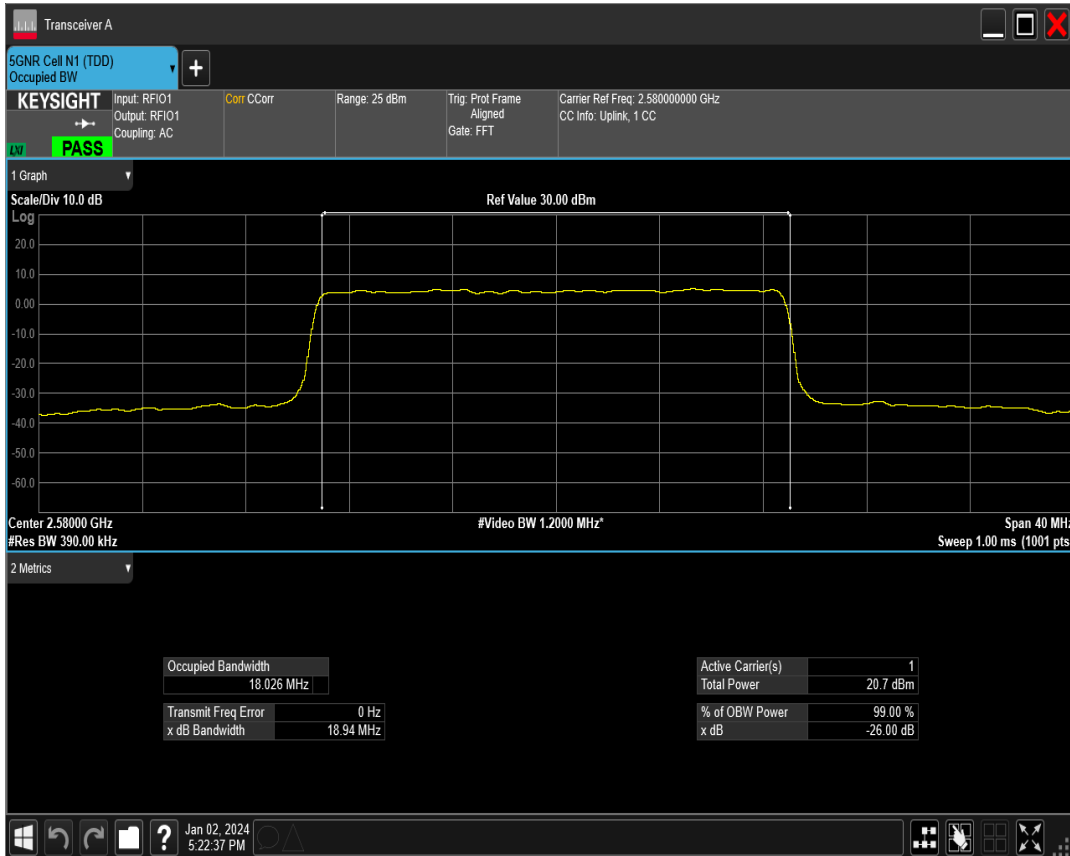
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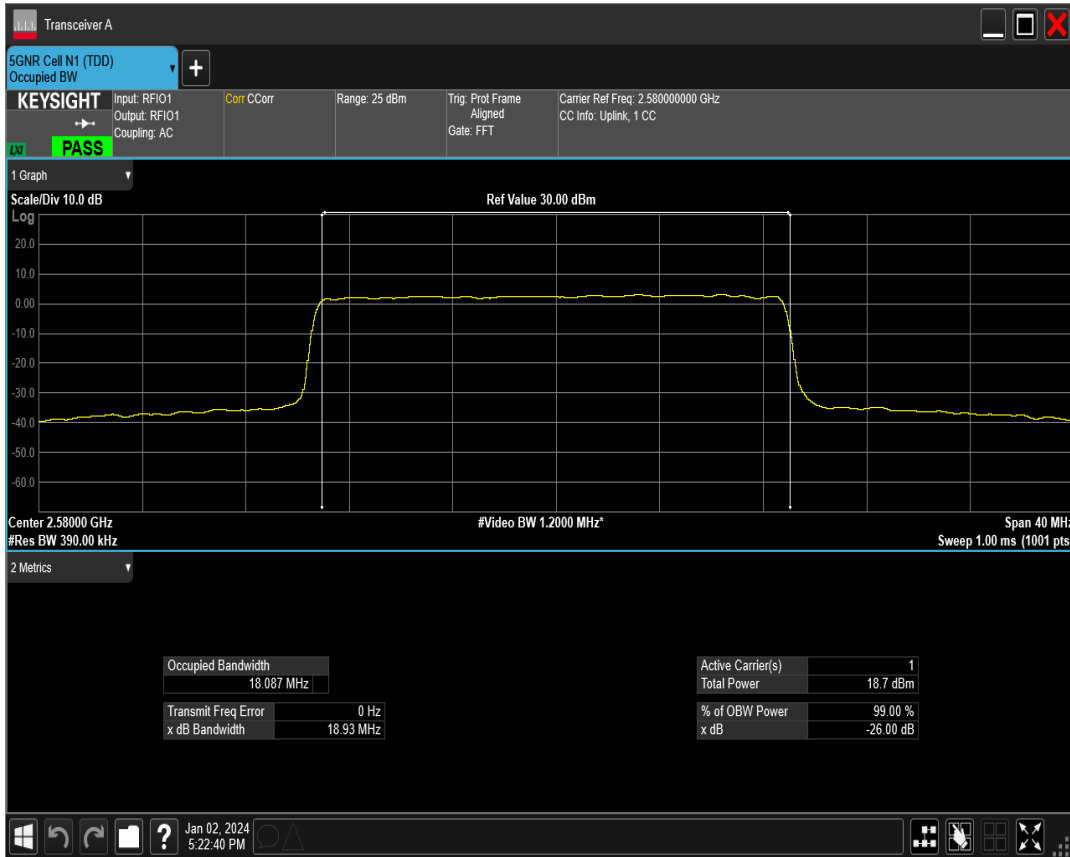
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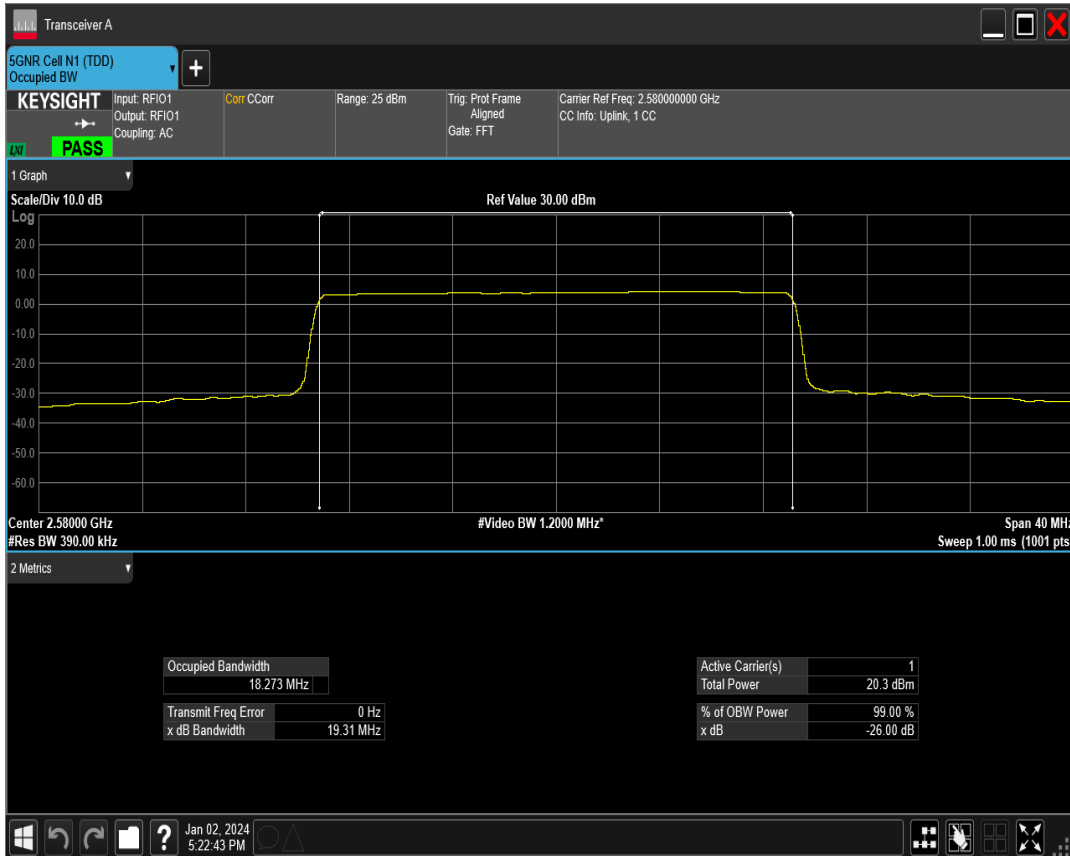
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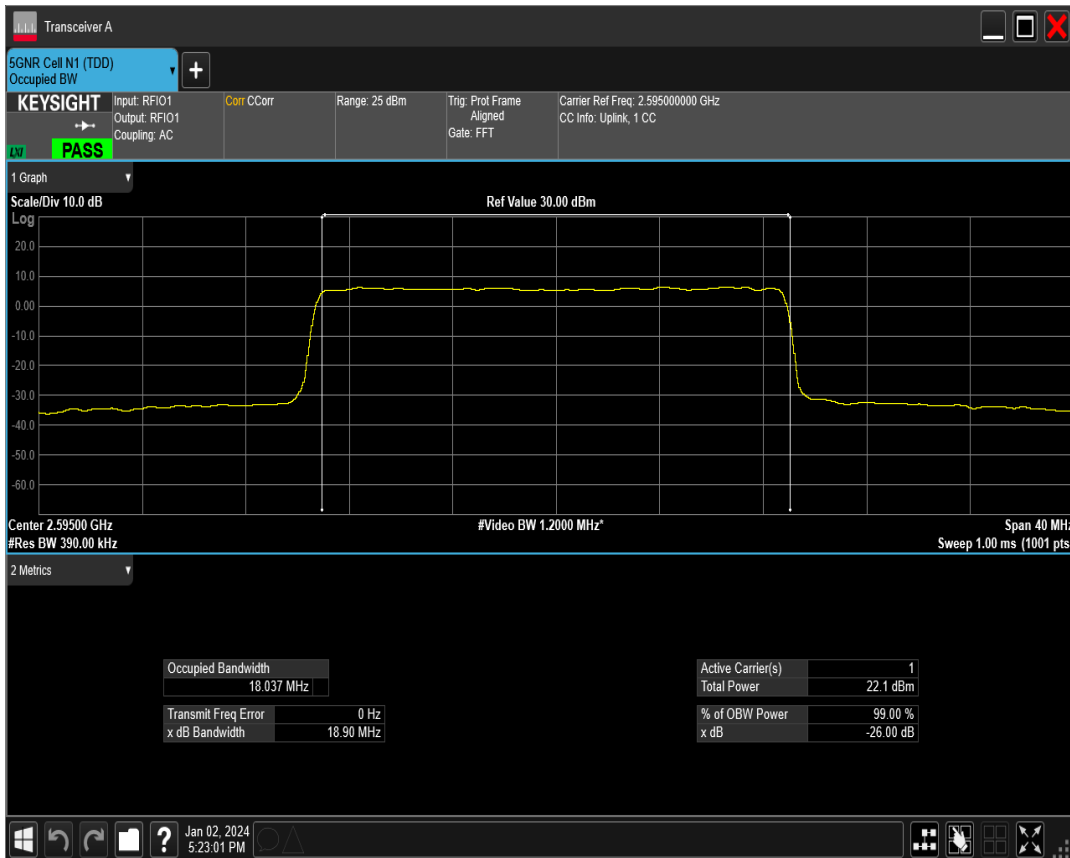
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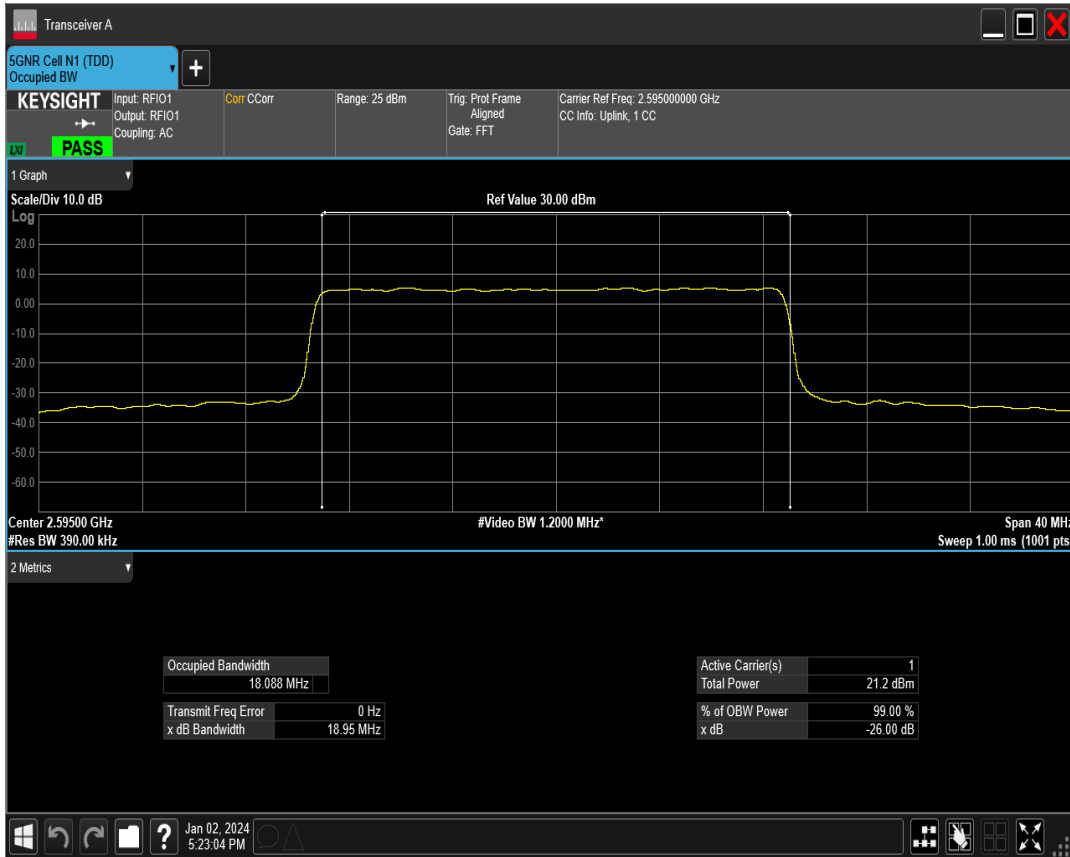
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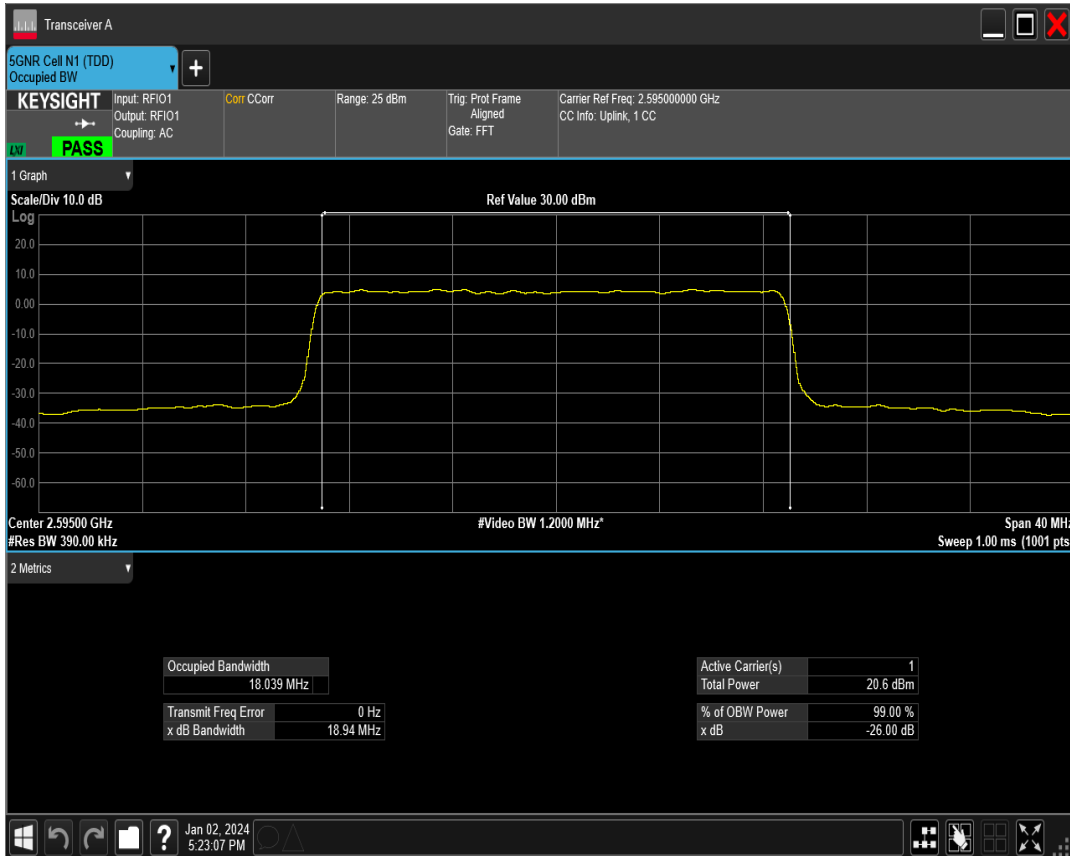
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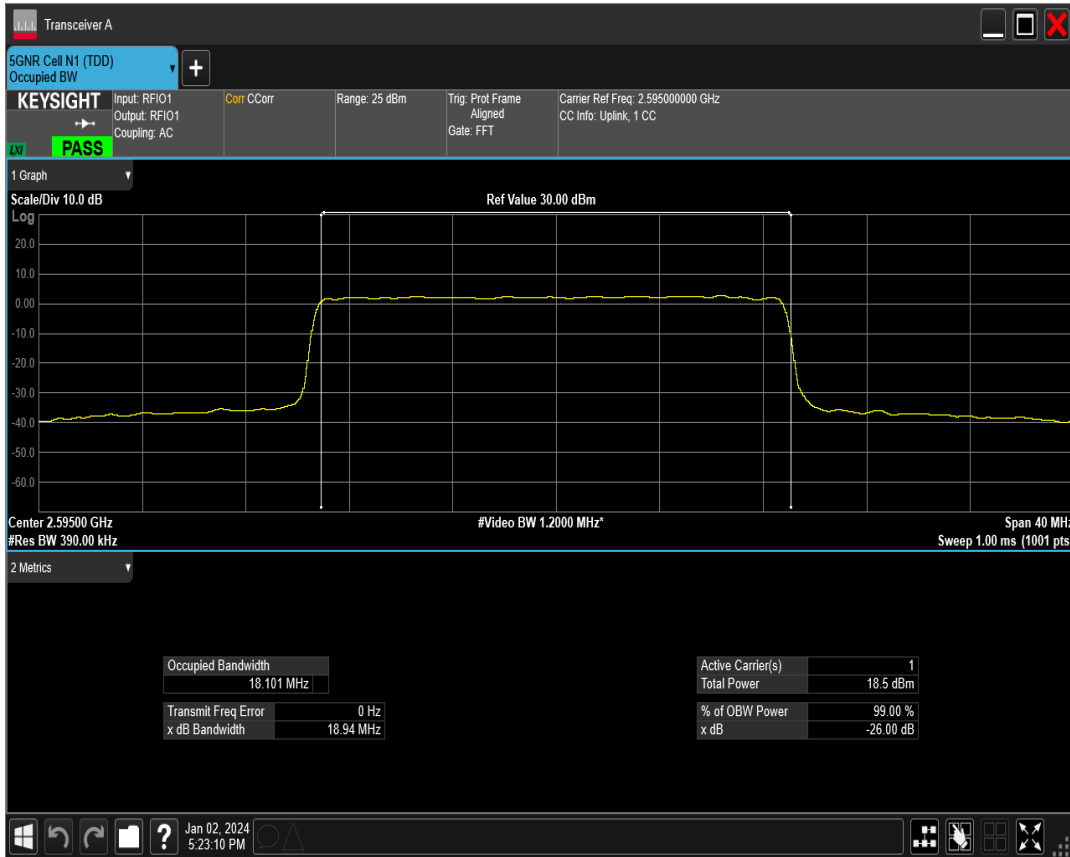
n38 SCS=30kHz DFT_QAM16 BW=20MHz Channel=519000 RB=50@0



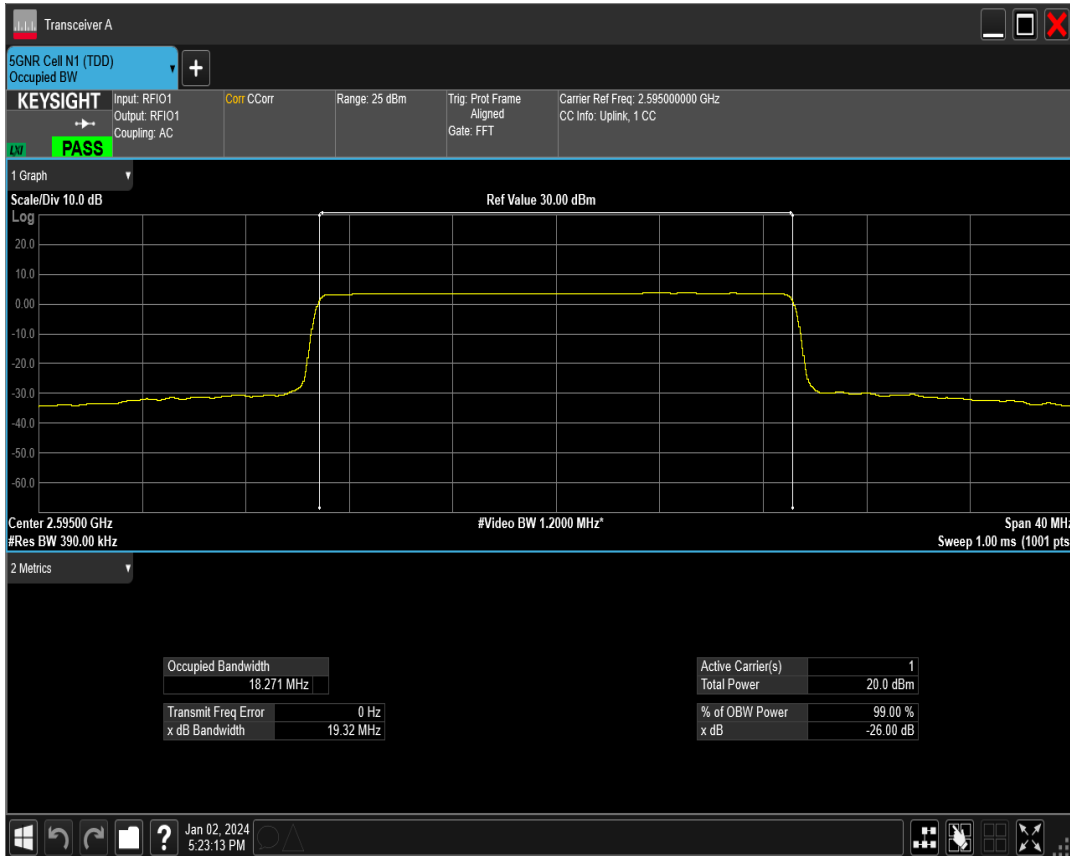
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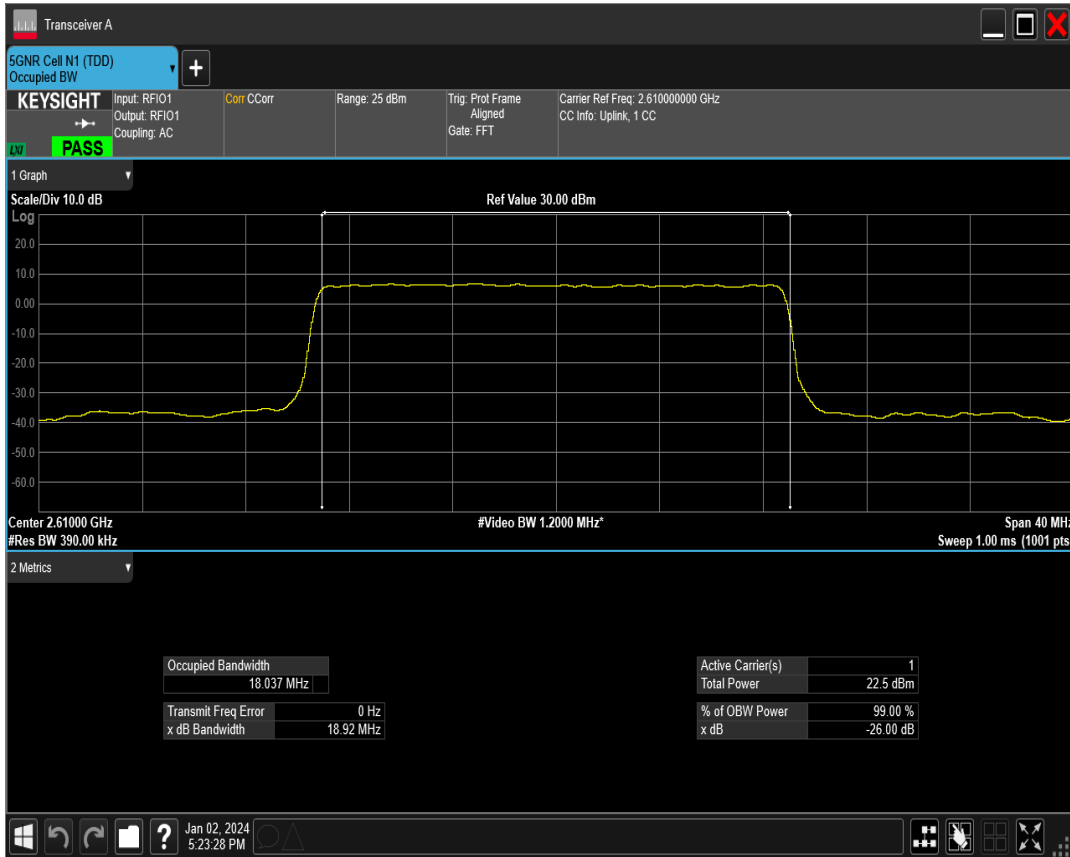
n38 SCS=30kHz DFT_QAM256 BW=20MHz Channel=519000 RB=50@0



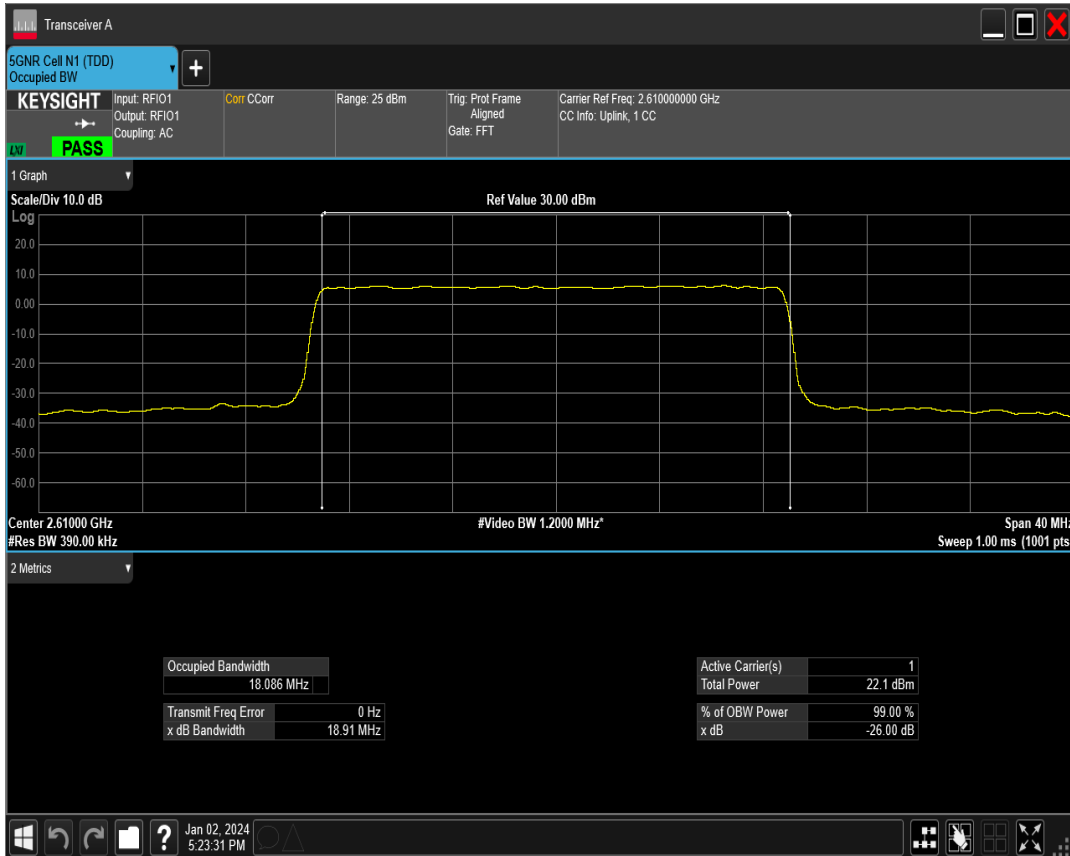
n38 SCS=30kHz CP_QPSK BW=20MHz Channel=519000 RB=51 @0



n38 SCS=30kHz DFT_BPSK BW=20MHz Channel=522000 RB=50@0



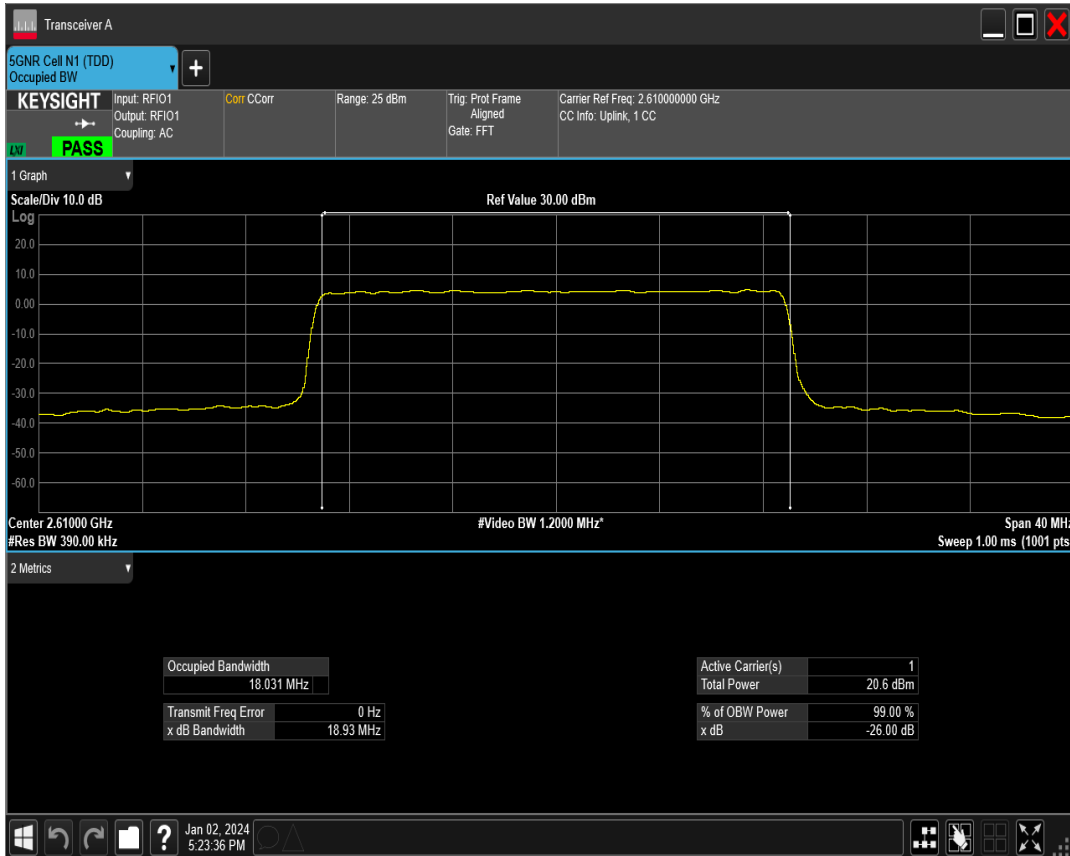
n38 SCS=30kHz DFT_QPSK BW=20MHz Channel=522000 RB=50@0



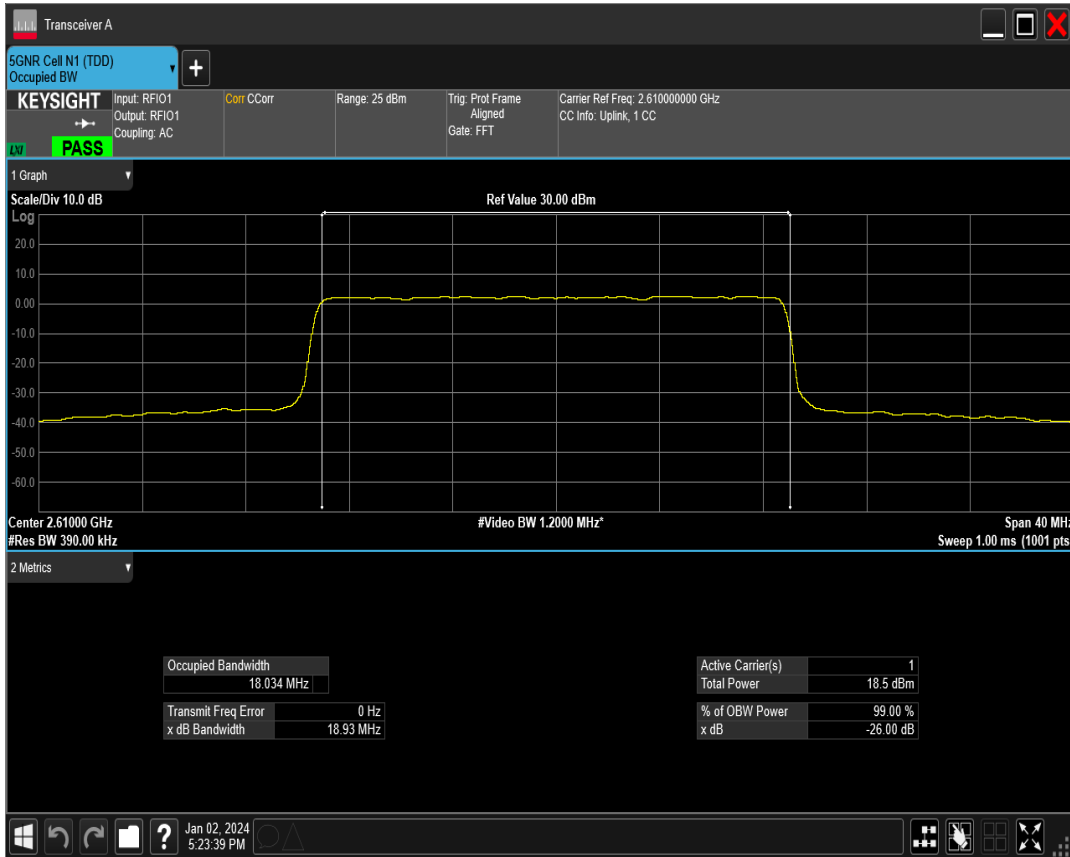
n38 SCS=30kHz DFT_QAM16 BW=20MHz Channel=522000 RB=50@0



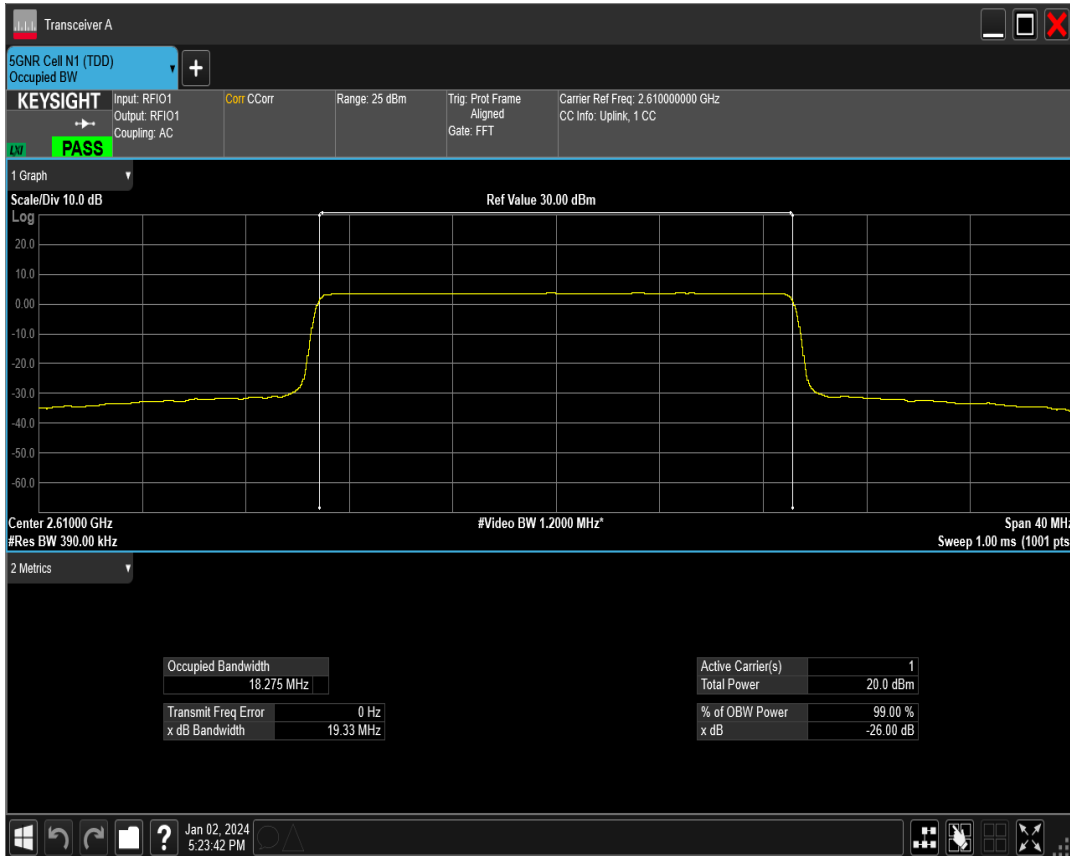
n38 SCS=30kHz DFT_QAM64 BW=20MHz Channel=522000 RB=50@0



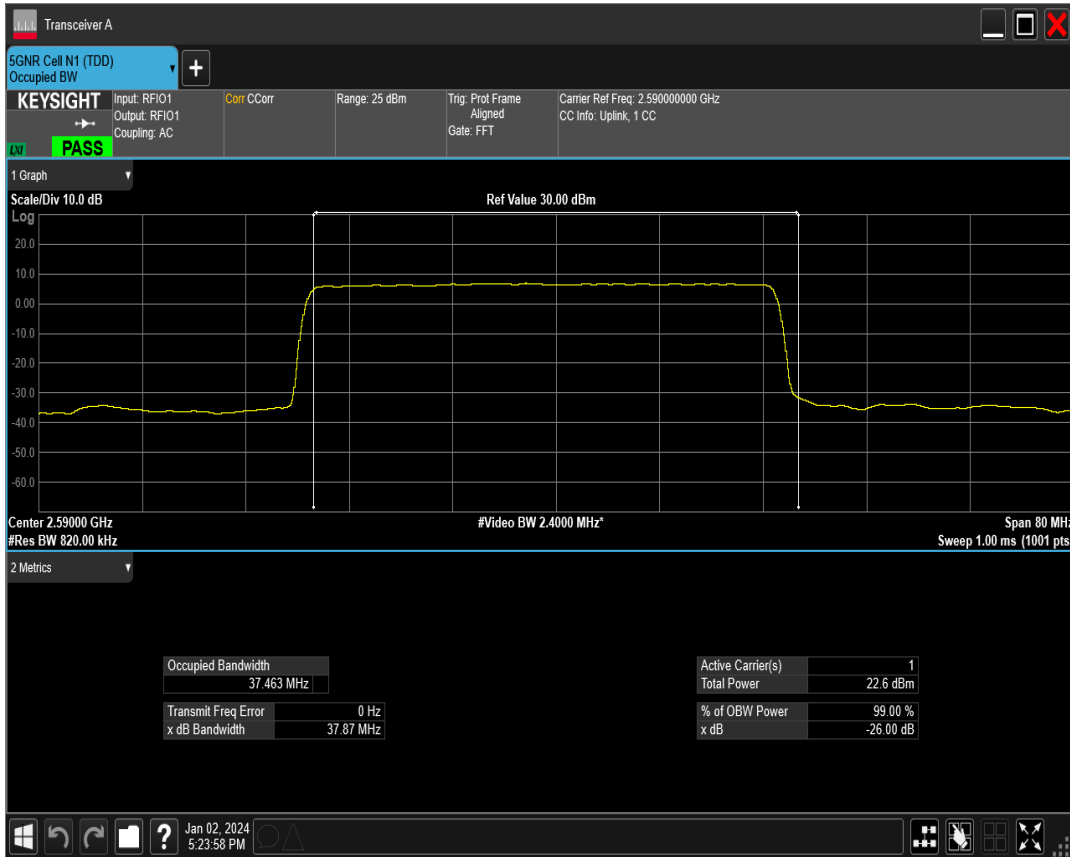
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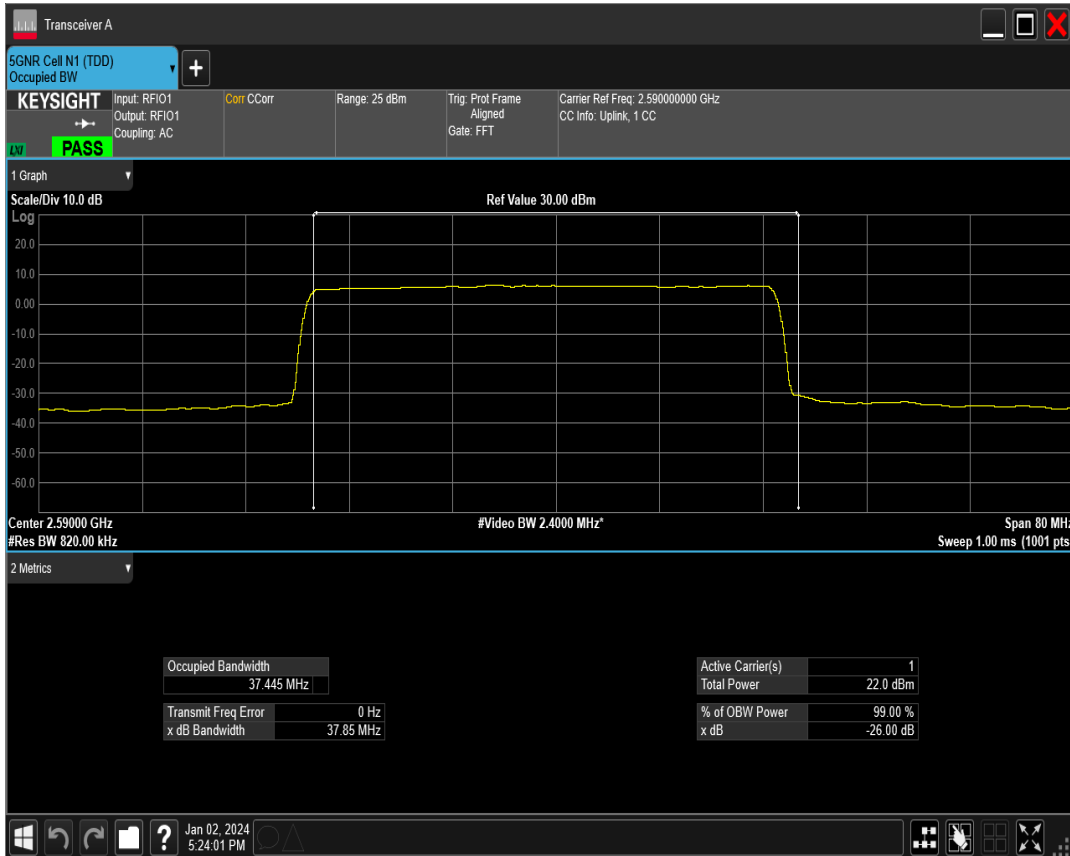
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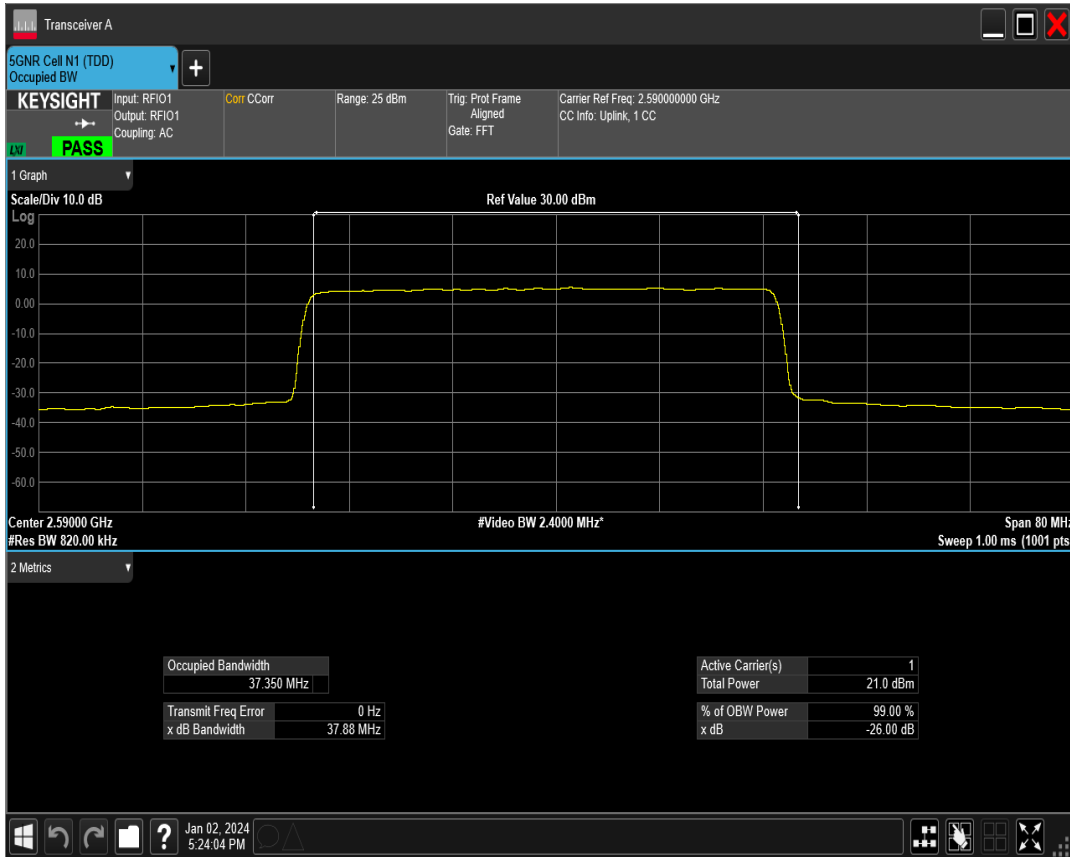
n38 SCS=30kHz DFT_BPSK BW=40MHz Channel=518000 RB=100@0



n38 SCS=30kHz DFT_QPSK BW=40MHz Channel=518000 RB=100@0



n38 SCS=30kHz DFT_QAM16 BW=40MHz Channel=518000 RB=100@0



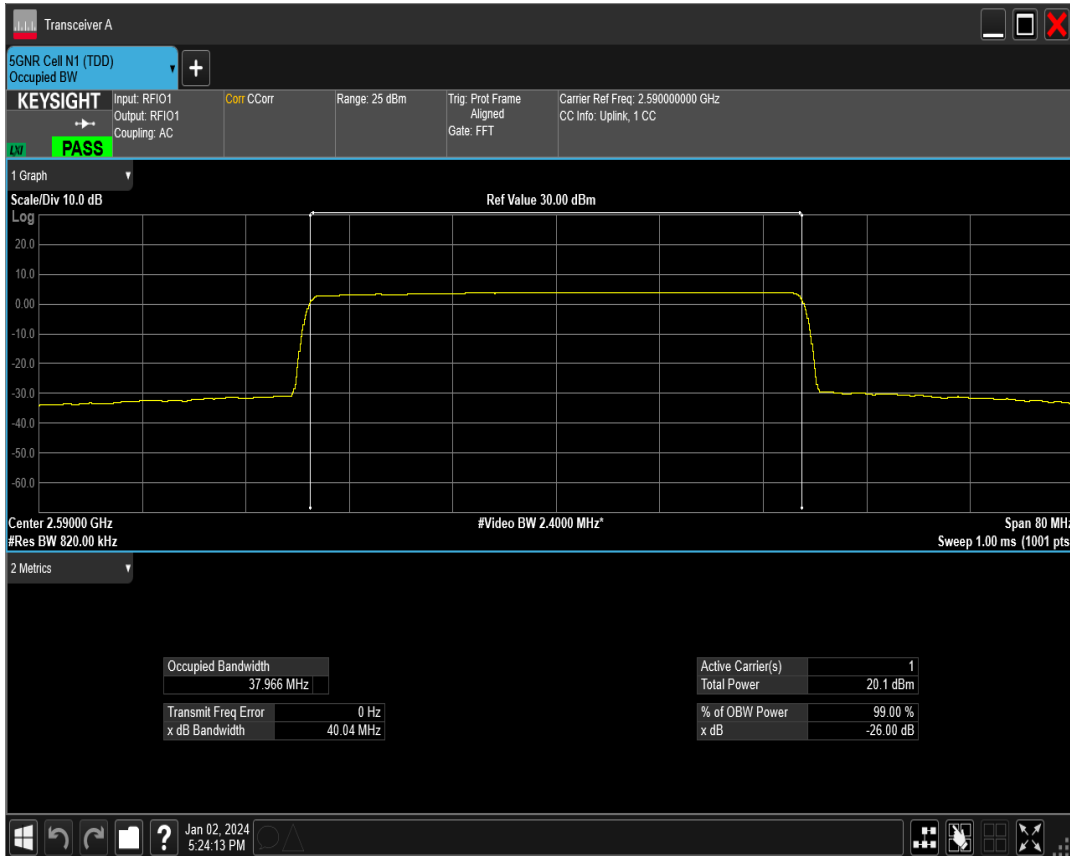
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n38 SCS=30kHz DFT_QAM256 BW=40MHz Channel=518000 RB=100@0



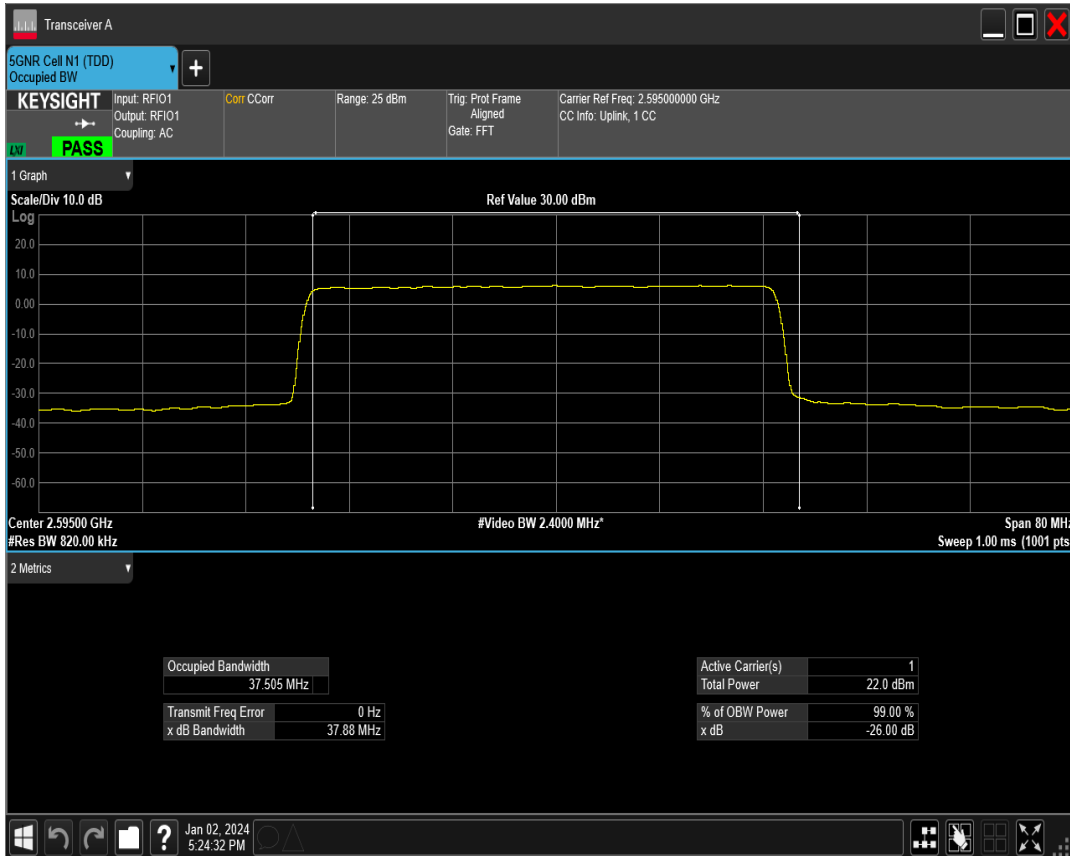
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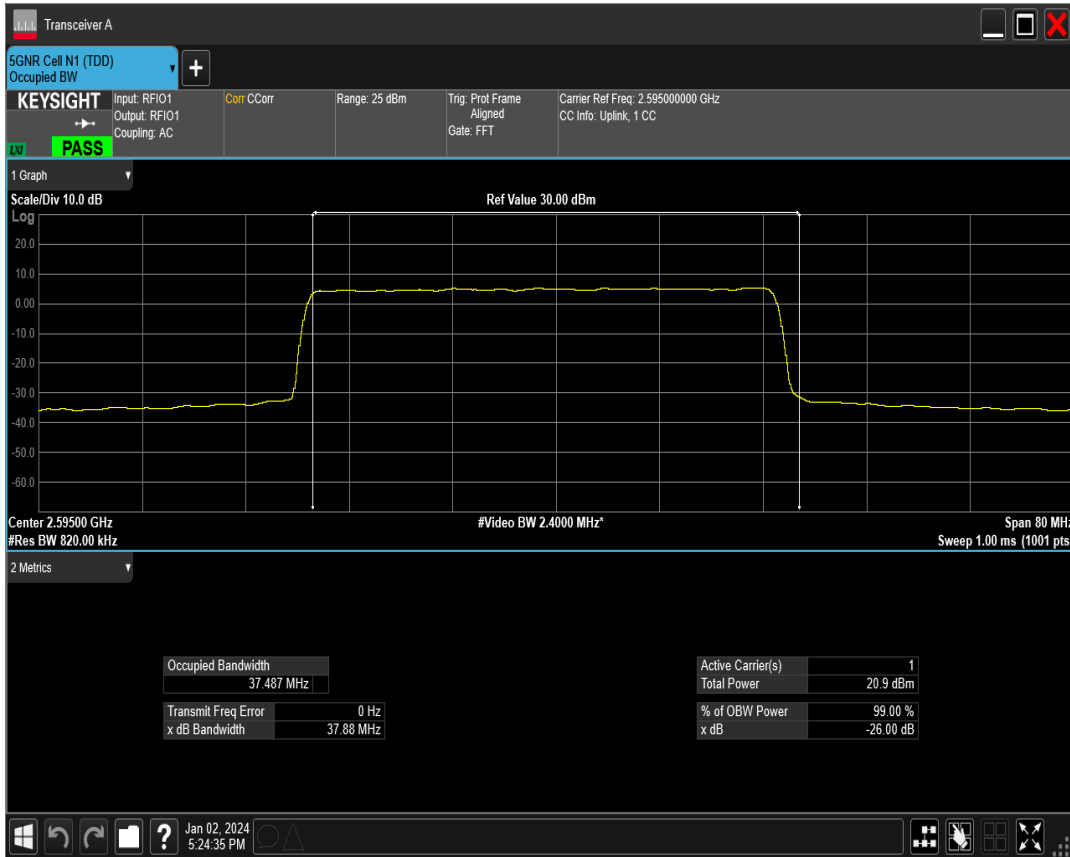
n38 SCS=30kHz DFT_BPSK BW=40MHz Channel=519000 RB=100@0



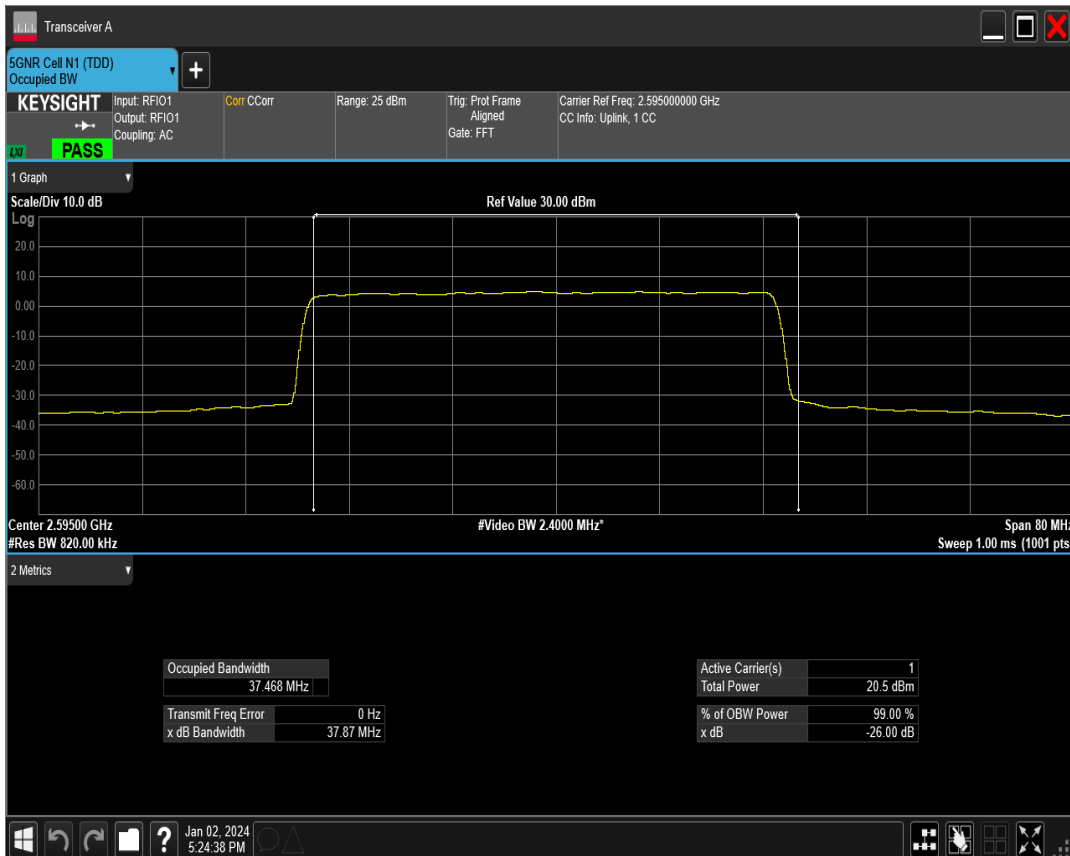
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n38 SCS=30kHz DFT_QAM16 BW=40MHz Channel=519000 RB=100@0



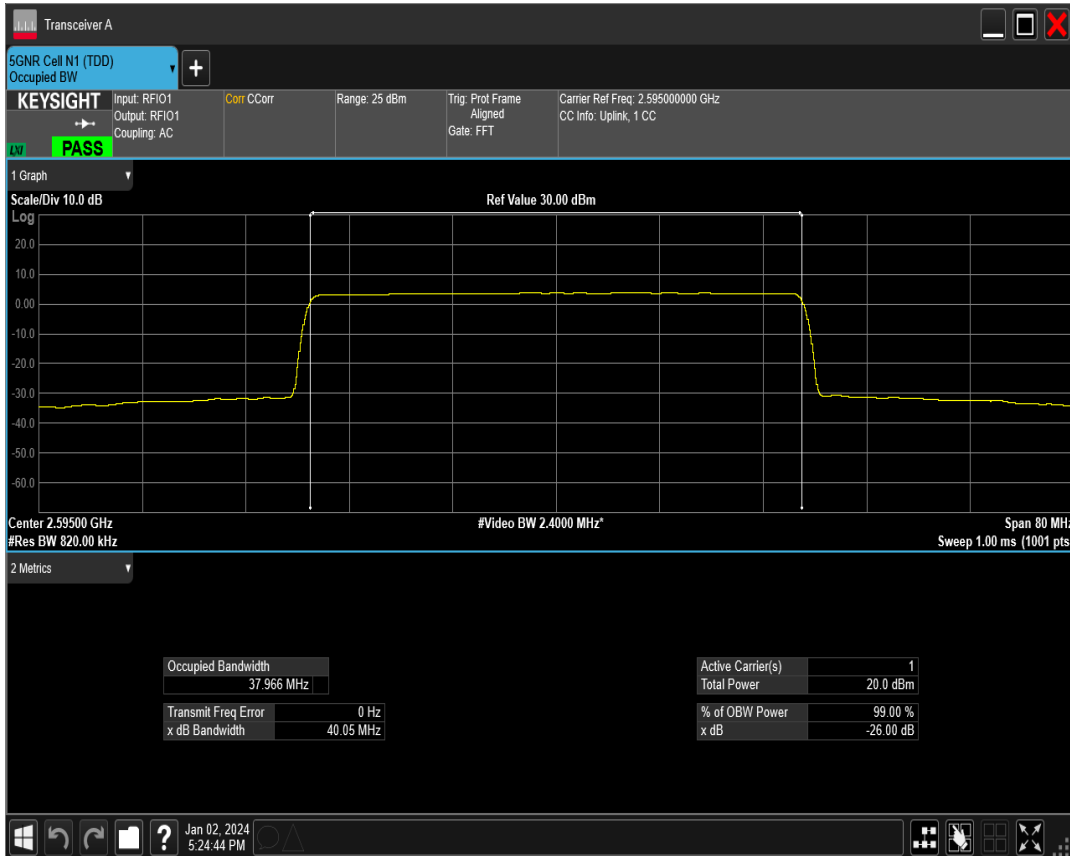
n38 SCS=30kHz DFT_QAM64 BW=40MHz Channel=519000 RB=100@0



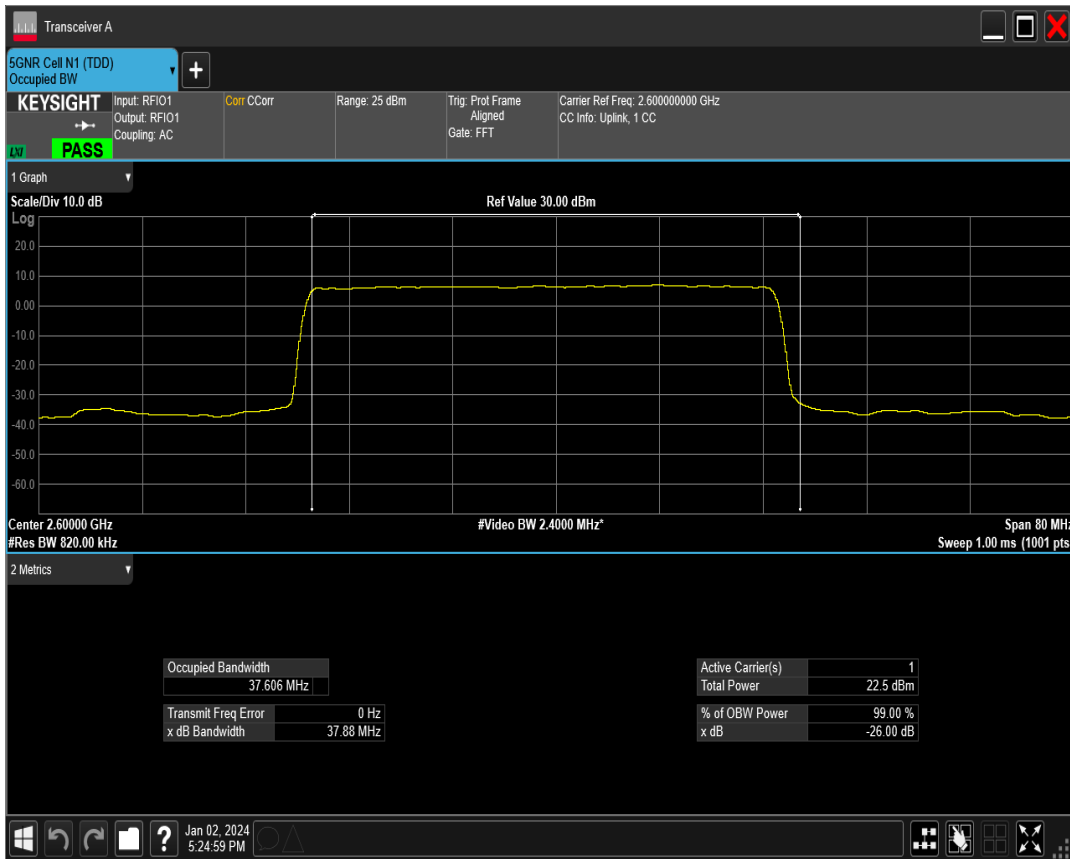
n38 SCS=30kHz DFT_QAM256 BW=40MHz Channel=519000 RB=100@0



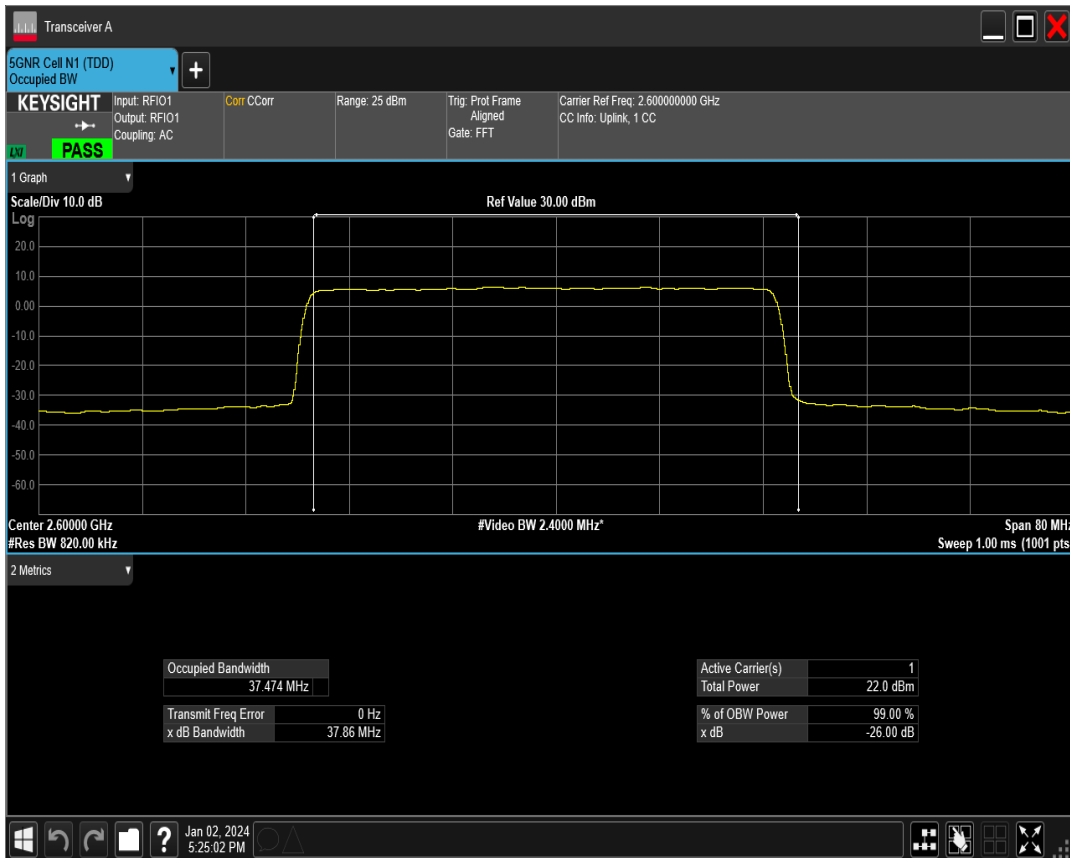
n38 SCS=30kHz CP_QPSK BW=40MHz Channel=519000 RB=106@0



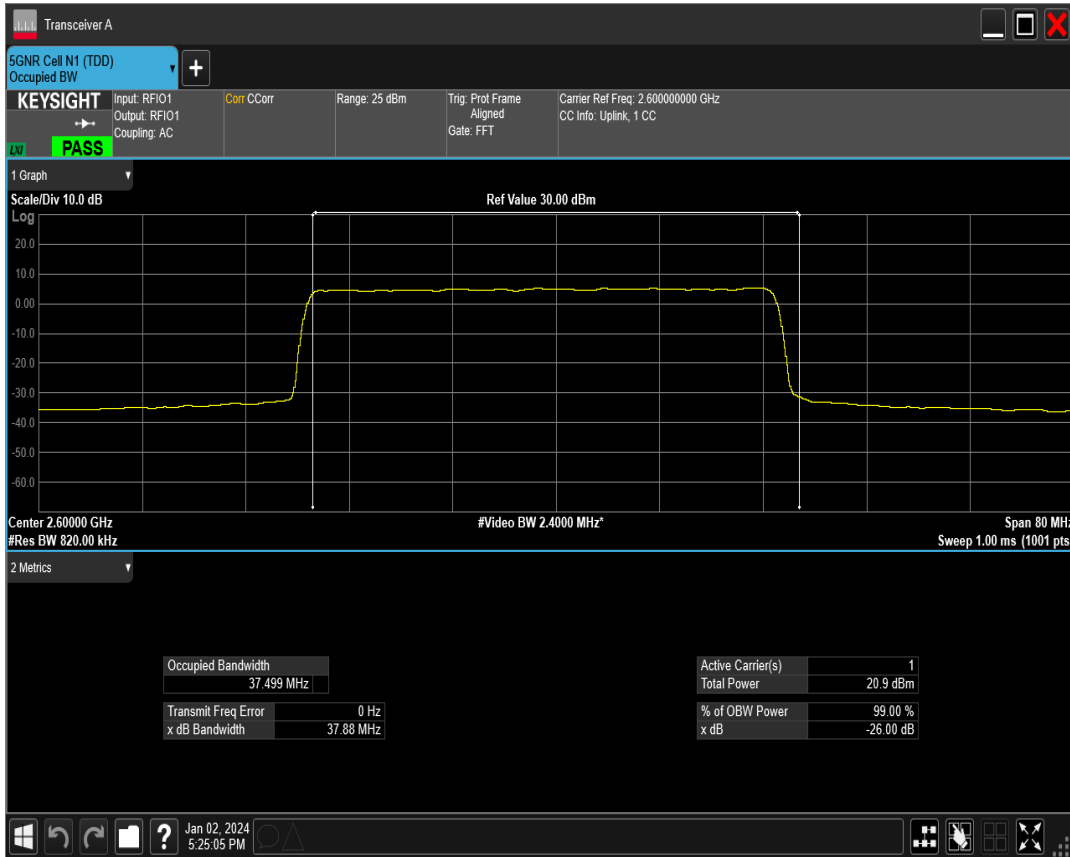
n38 SCS=30kHz DFT_BPSK BW=40MHz Channel=520000 RB=100@0



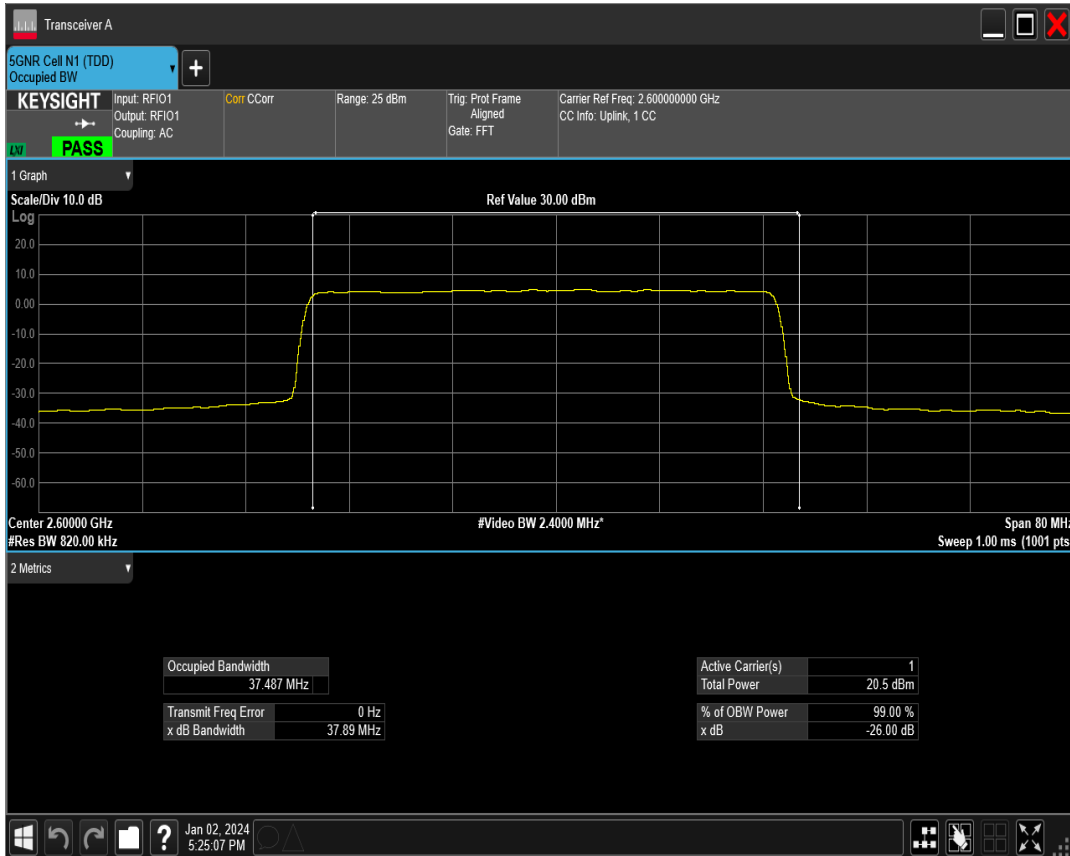
n38 SCS=30kHz DFT_QPSK BW=40MHz Channel=520000 RB=100@0



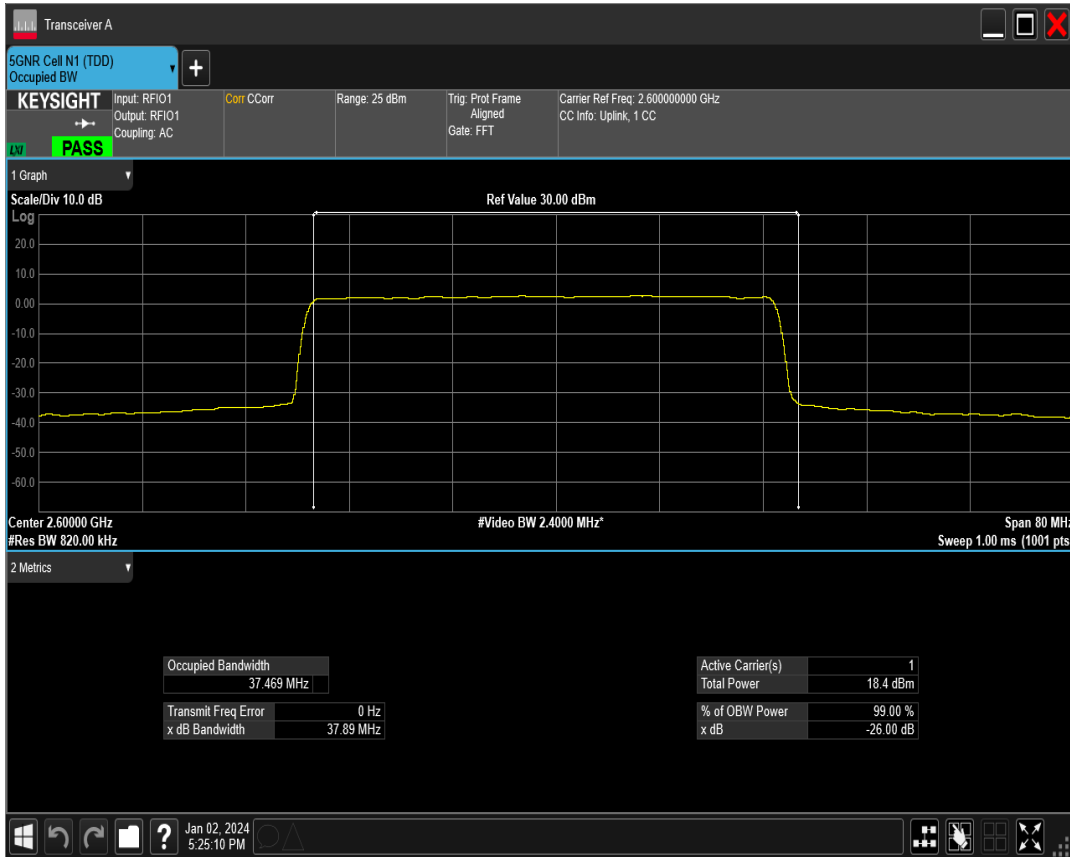
n38 SCS=30kHz DFT_QAM16 BW=40MHz Channel=520000 RB=100@0



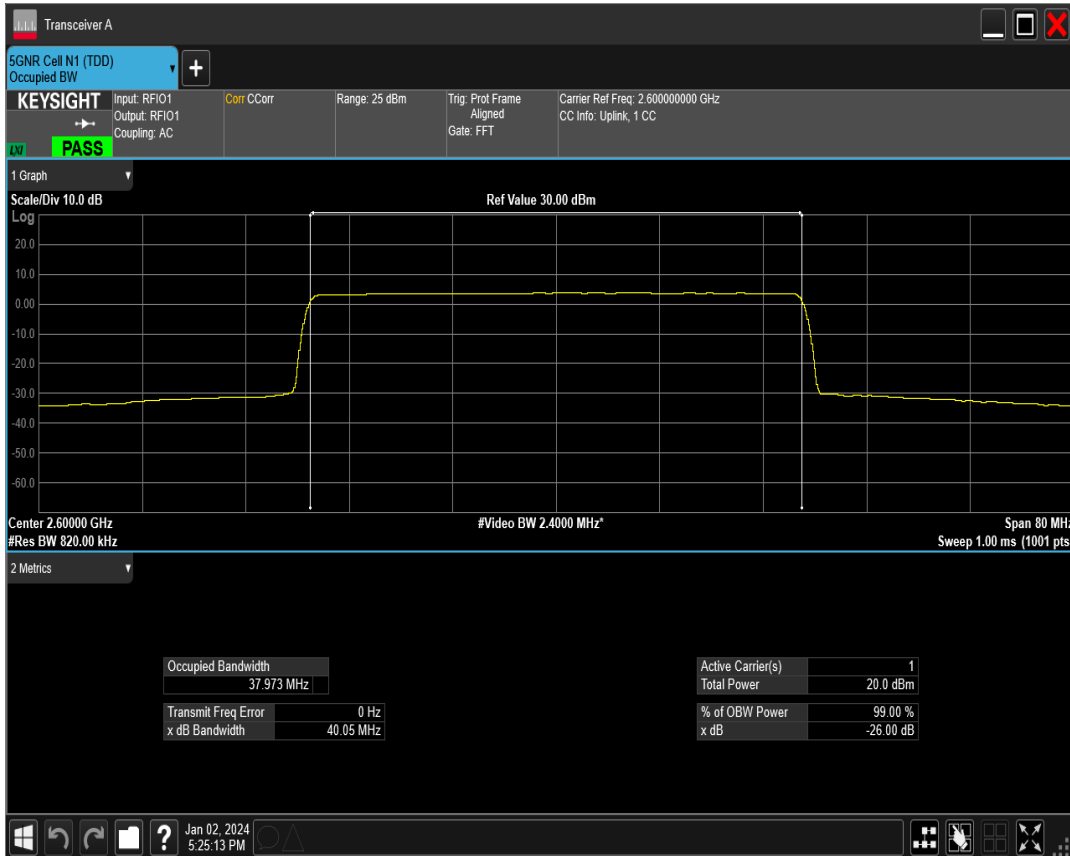
n38 SCS=30kHz DFT_QAM64 BW=40MHz Channel=520000 RB=100@0



n38 SCS=30kHz DFT_QAM256 BW=40MHz Channel=520000 RB=100@0



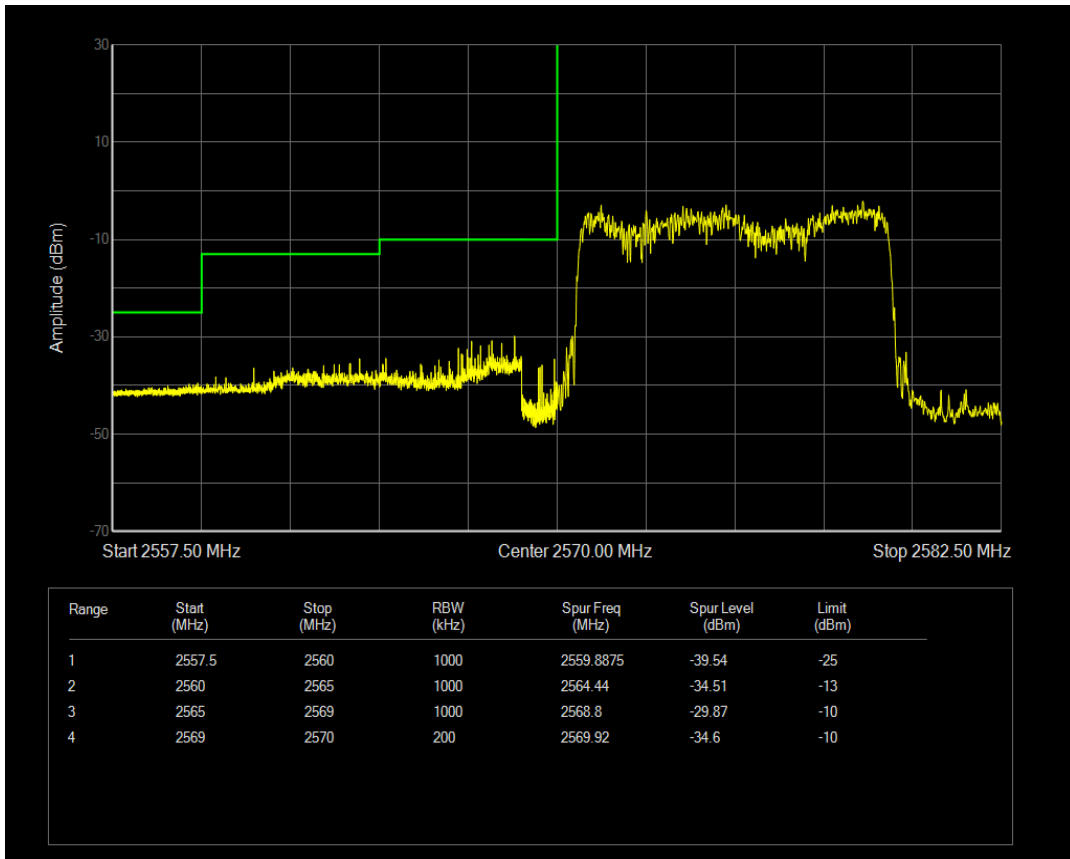
n38 SCS=30kHz CP_QPSK BW=40MHz Channel=520000 RB=106@0



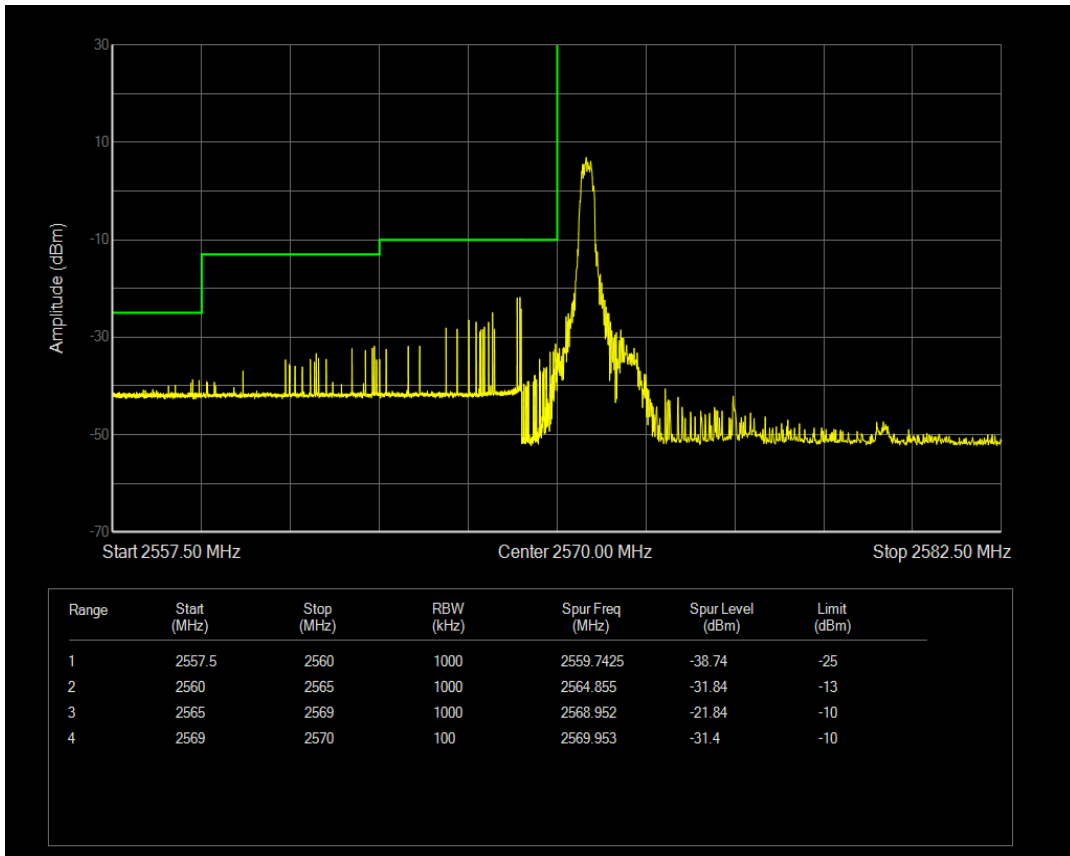
5 Band edge for NR FR1

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	2559.89	-39.54	-25	PASS
n38	30	10	515000	1@0	DFT_QPSK	2568.95	-21.84	-10	PASS
n38	30	10	523000	24@0	DFT_QPSK	2630.30	-39.81	-25	PASS
n38	30	10	523000	1@23	DFT_QPSK	2630.77	-40.15	-25	PASS
n38	30	40	518000	100@0	DFT_QPSK	2528.93	-40.80	-25	PASS
n38	30	40	518000	1@0	DFT_QPSK	2528.79	-41.09	-25	PASS
n38	30	40	520000	100@0	DFT_QPSK	2660.23	-40.95	-25	PASS
n38	30	40	520000	1@105	DFT_QPSK	2669.94	-41.05	-25	PASS

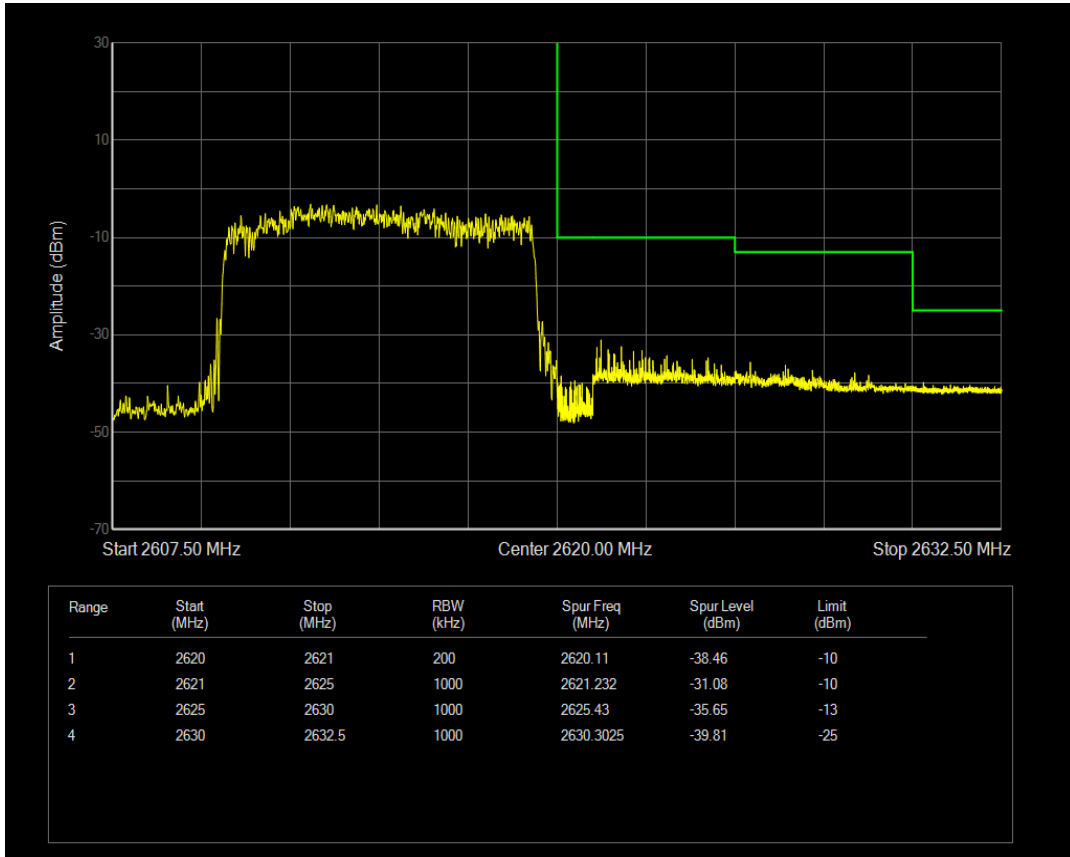
n38 SCS=30kHz DFT_QPSK BW=10MHz Channel=515000 RB=24@0



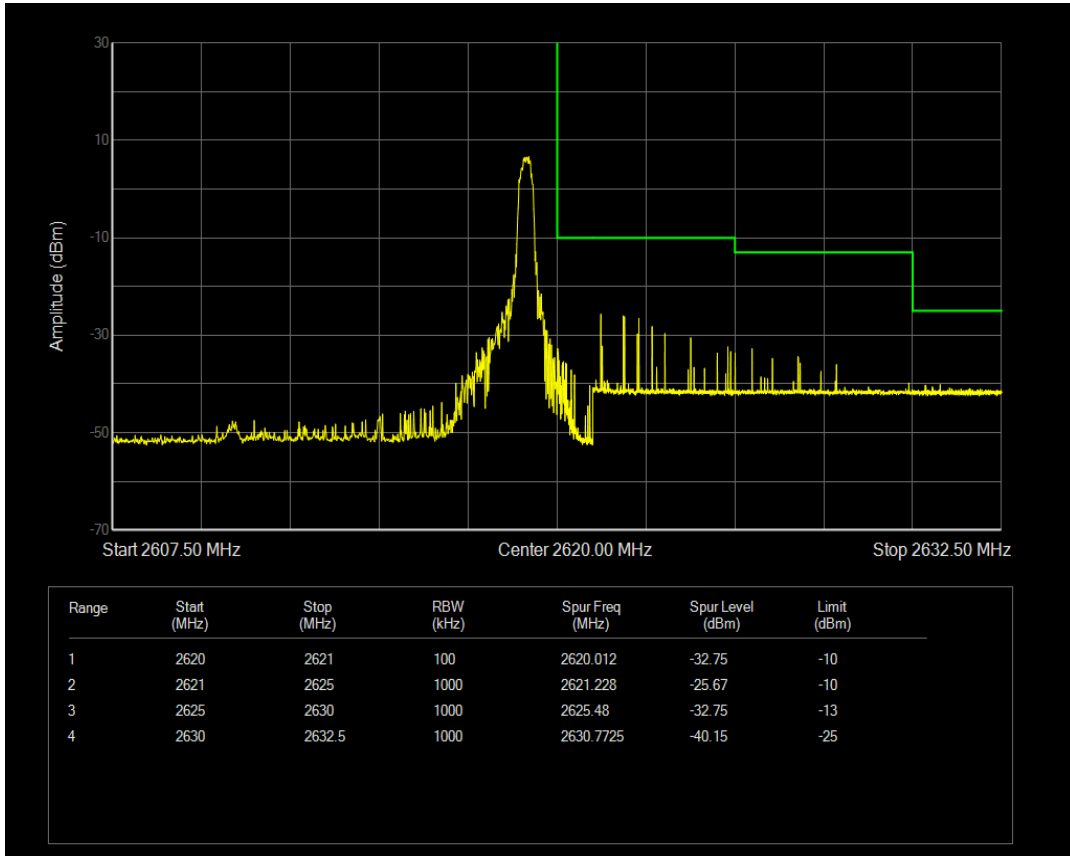
n38 SCS=30kHz DFT_QPSK BW=10MHz Channel=515000 RB=1@0



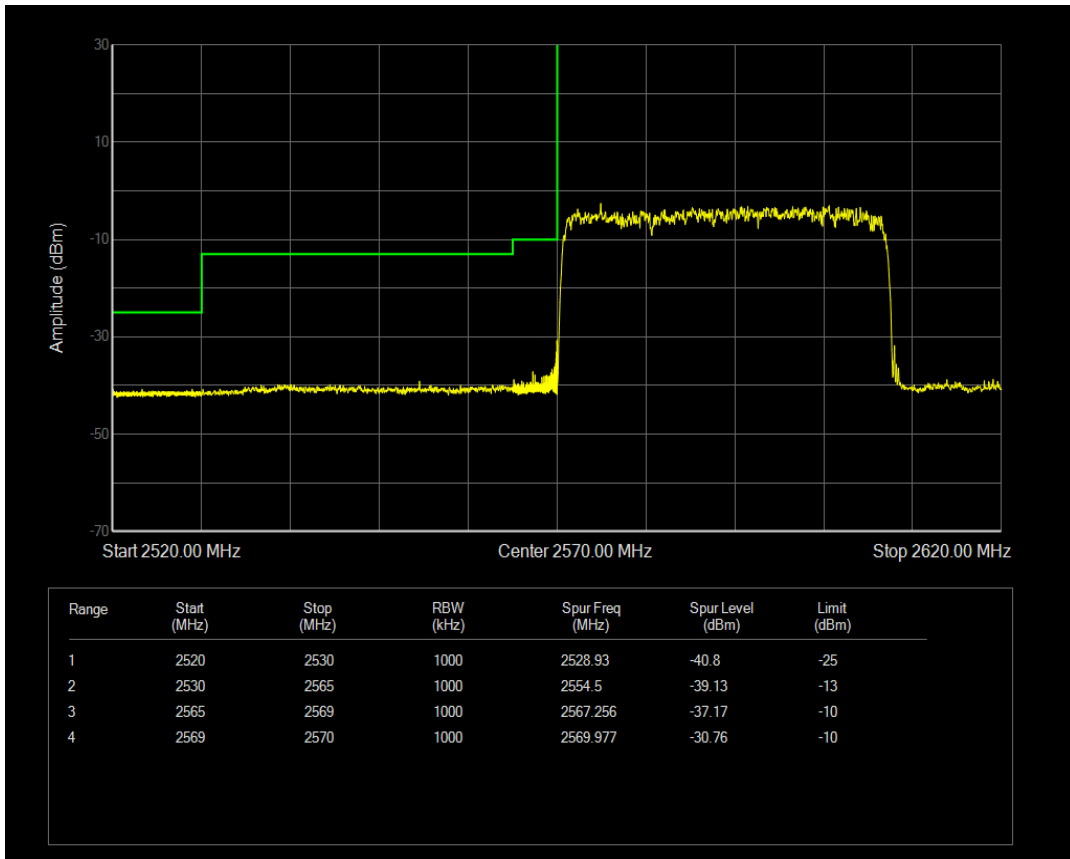
n38 SCS=30kHz DFT_QPSK BW=10MHz Channel=523000 RB=24@0



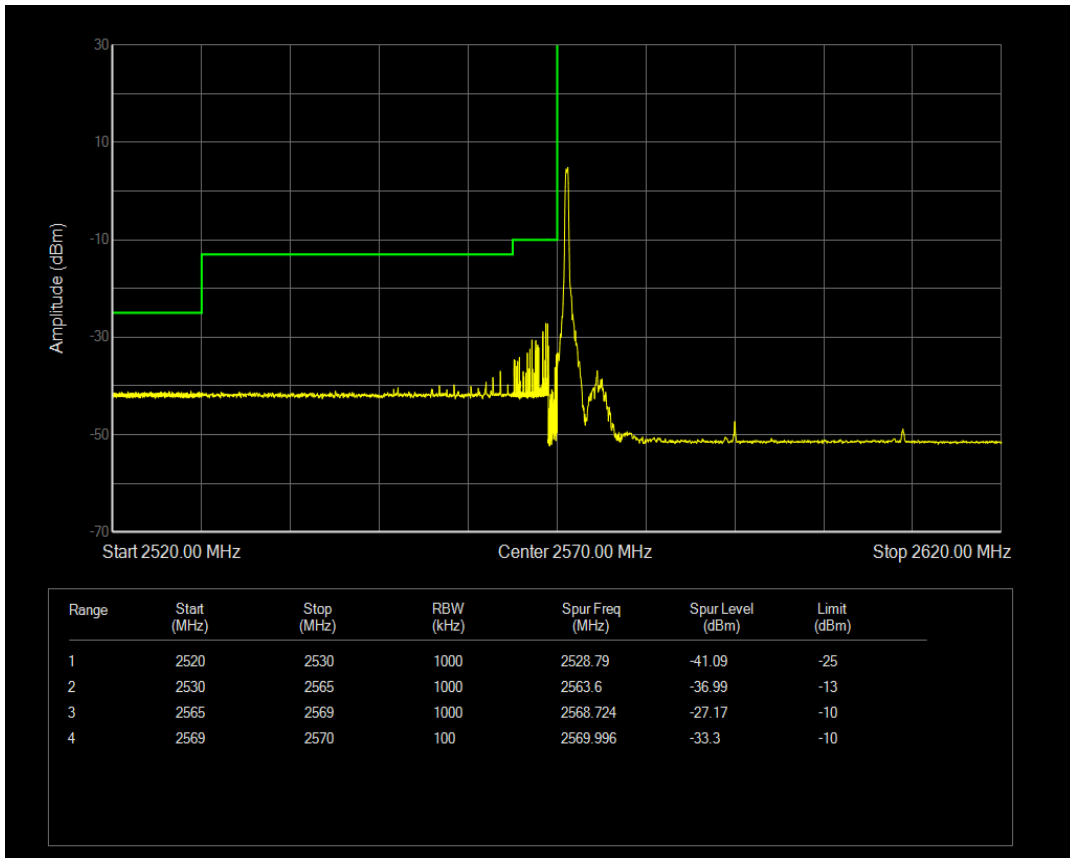
n38 SCS=30kHz DFT_QPSK BW=10MHz Channel=523000 RB=1@23



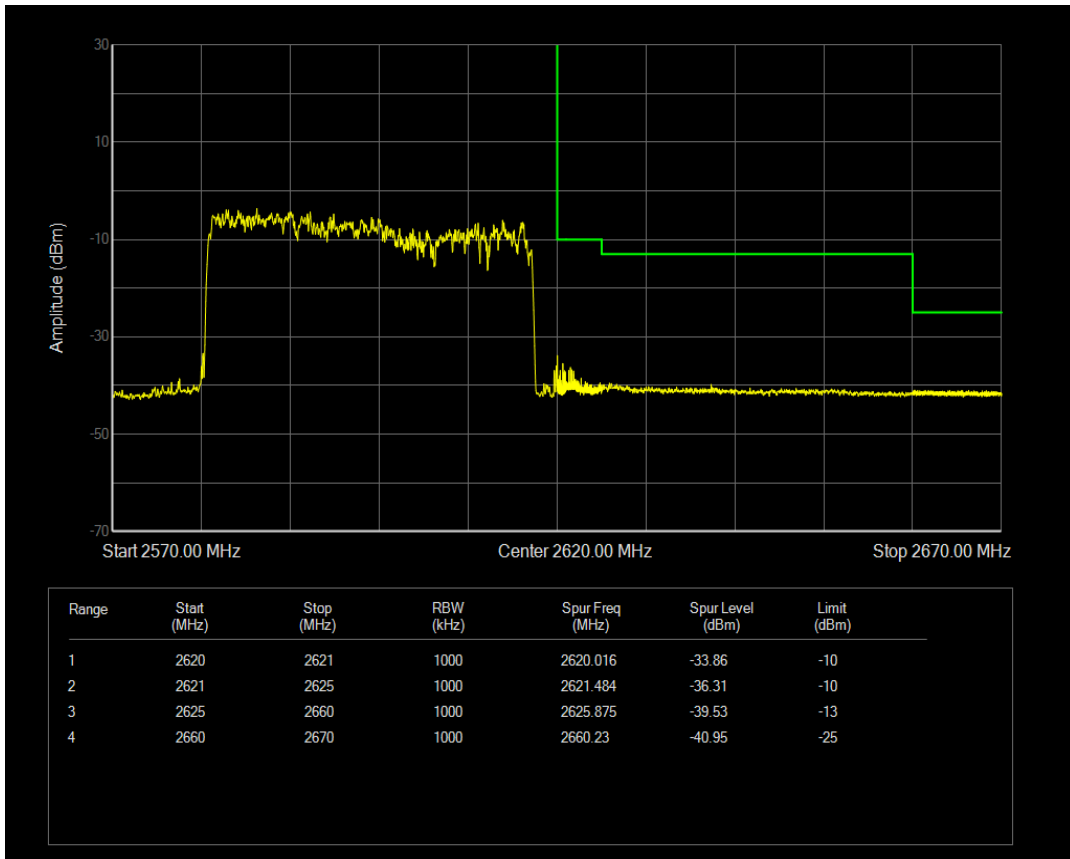
n38 SCS=30kHz DFT_QPSK BW=40MHz Channel=518000 RB=100@0



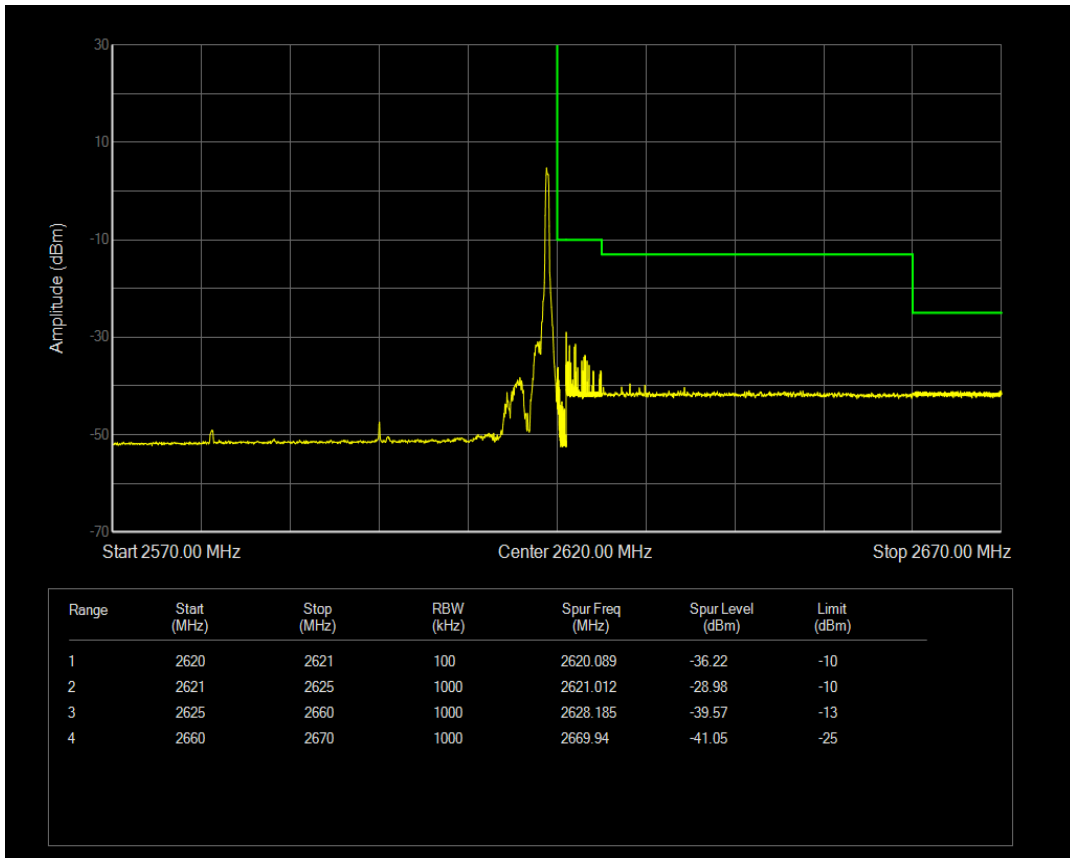
n38 SCS=30kHz DFT_QPSK BW=40MHz Channel=518000 RB=1@0



n38 SCS=30kHz DFT_QPSK BW=40MHz Channel=520000 RB=100@0



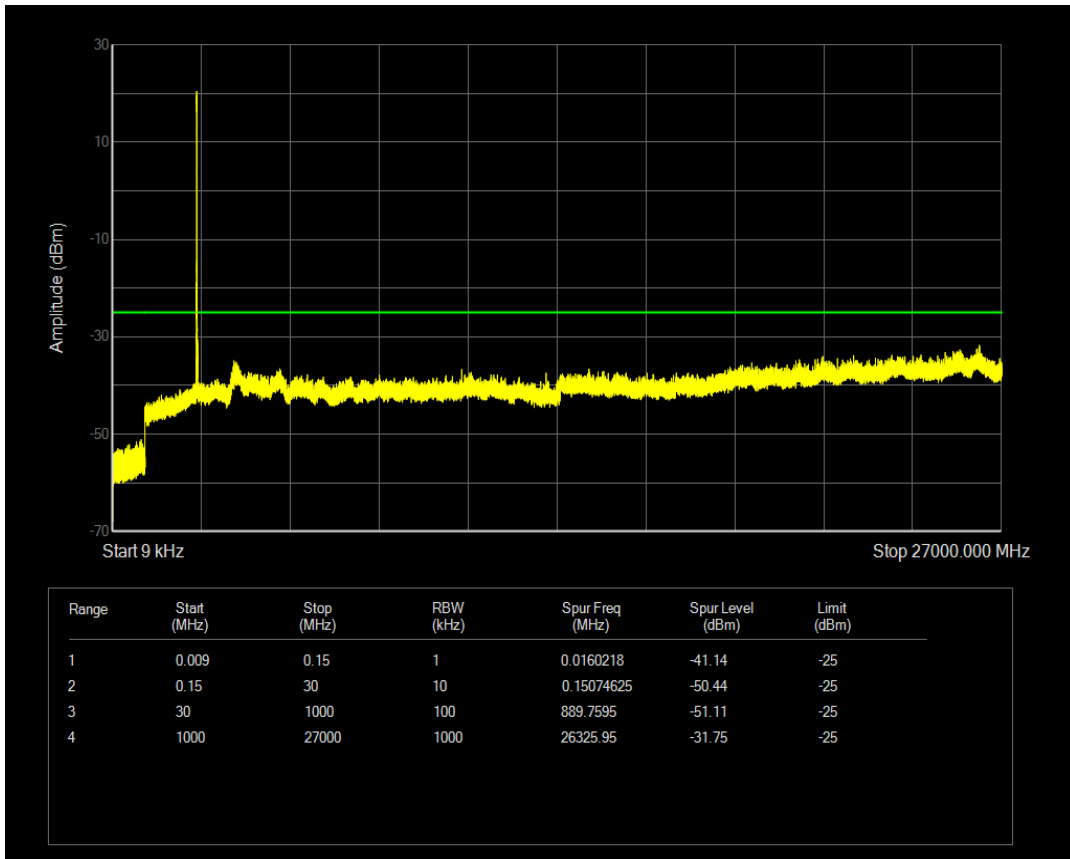
n38 SCS=30kHz DFT_QPSK BW=40MHz Channel=520000 RB=1@105



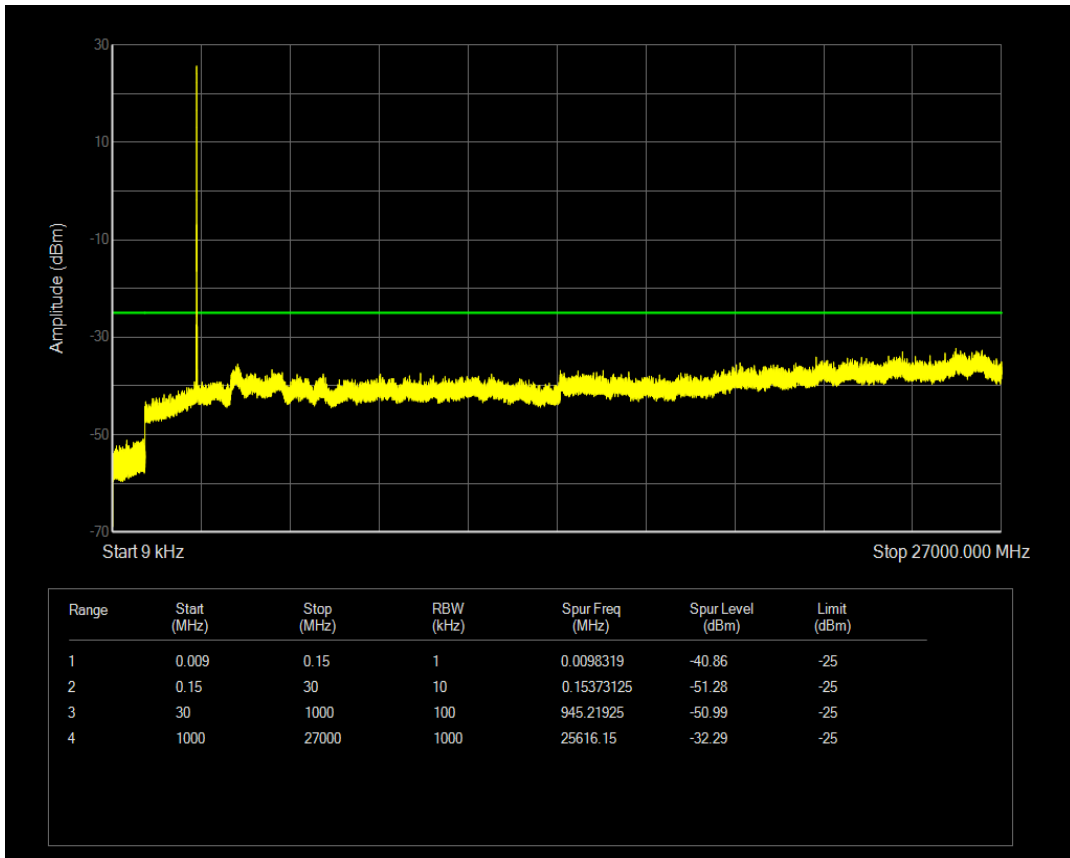
6 Out-of-band emissions for NR FR1

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	26325.95	-31.75	-25	PASS
n38	30	10	515000	1@0	DFT_QPSK	25616.15	-32.29	-25	PASS
n38	30	10	515000	1@23	DFT_QPSK	26153.70	-32.75	-25	PASS
n38	30	10	519000	24@0	DFT_QPSK	25479.65	-32.14	-25	PASS
n38	30	10	519000	1@0	DFT_QPSK	26190.10	-32.81	-25	PASS
n38	30	10	519000	1@23	DFT_QPSK	26211.55	-32.18	-25	PASS
n38	30	10	523000	24@0	DFT_QPSK	26206.35	-31.77	-25	PASS
n38	30	10	523000	1@0	DFT_QPSK	26293.45	-32.09	-25	PASS
n38	30	10	523000	1@23	DFT_QPSK	26389.65	-32.14	-25	PASS
n38	30	40	518000	100@0	DFT_QPSK	26316.20	-31.88	-25	PASS
n38	30	40	518000	1@0	DFT_QPSK	26179.70	-32.38	-25	PASS
n38	30	40	518000	1@105	DFT_QPSK	26255.10	-31.91	-25	PASS
n38	30	40	519000	100@0	DFT_QPSK	25671.40	-32.55	-25	PASS
n38	30	40	519000	1@0	DFT_QPSK	26228.45	-32.84	-25	PASS
n38	30	40	519000	1@105	DFT_QPSK	26249.25	-32.51	-25	PASS
n38	30	40	520000	100@0	DFT_QPSK	26458.55	-32.48	-25	PASS
n38	30	40	520000	1@0	DFT_QPSK	26299.30	-32.41	-25	PASS
n38	30	40	520000	1@105	DFT_QPSK	25404.25	-31.91	-25	PASS

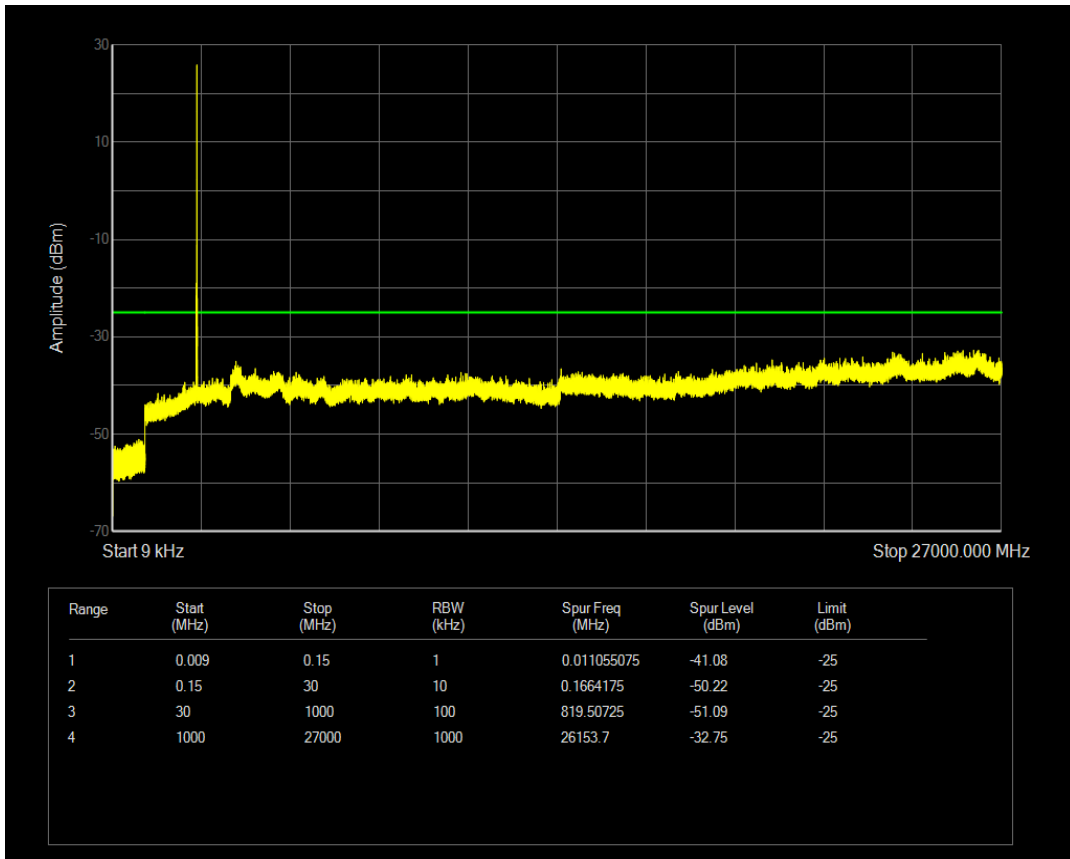
n38 SCS=30kHz DFT_QPSK BW=10MHz Channel=515000 RB=24@0



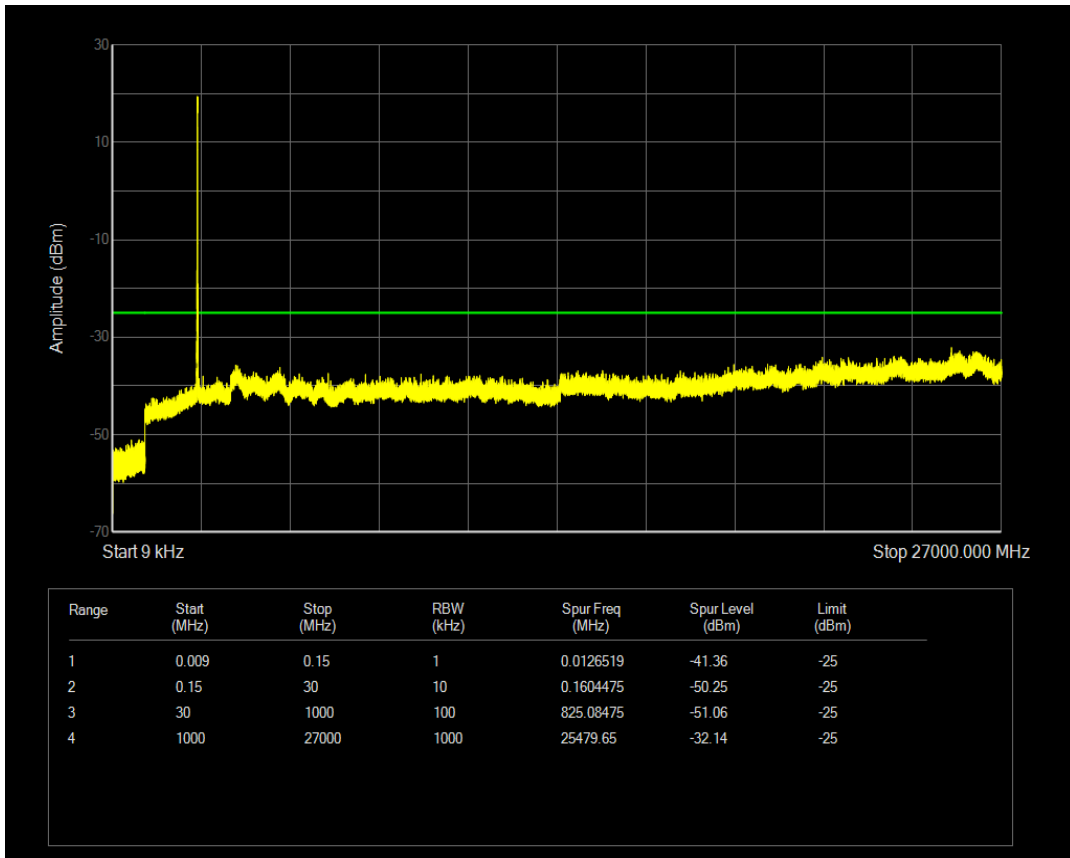
n38 SCS=30kHz DFT_QPSK BW=10MHz Channel=515000 RB=1@0



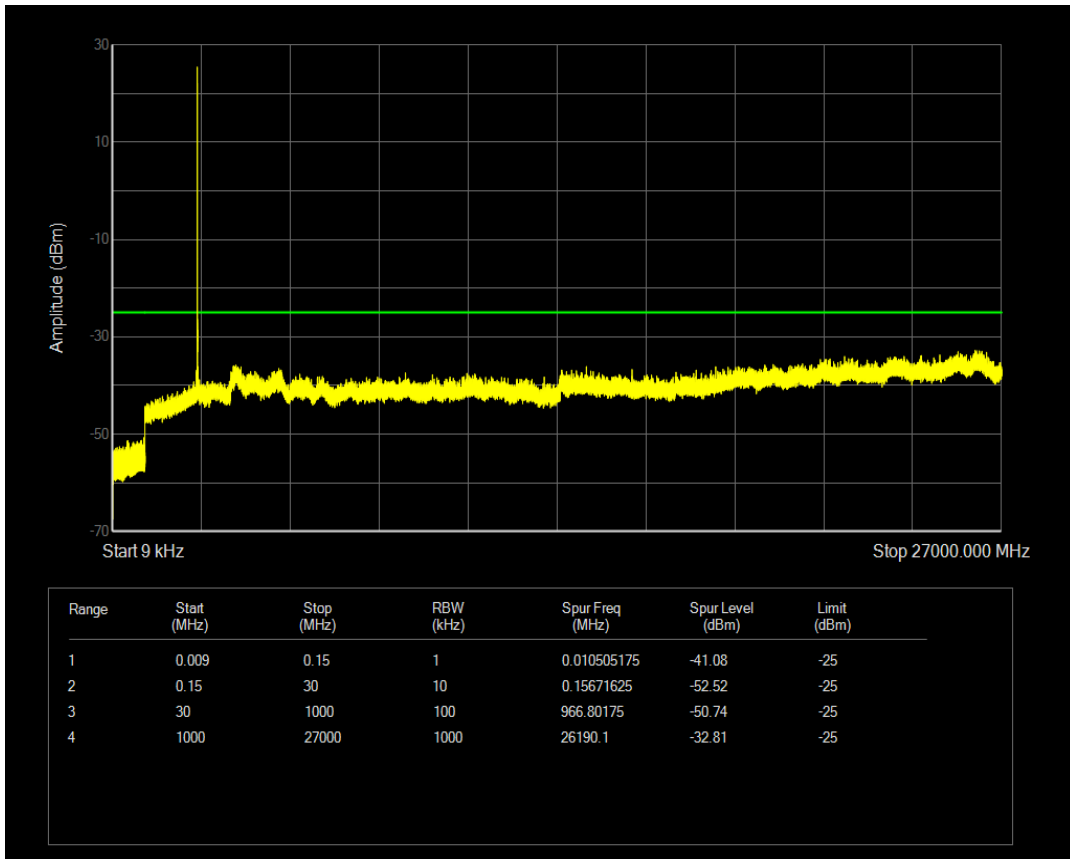
n38 SCS=30kHz DFT_QPSK BW=10MHz Channel=515000 RB=1@23



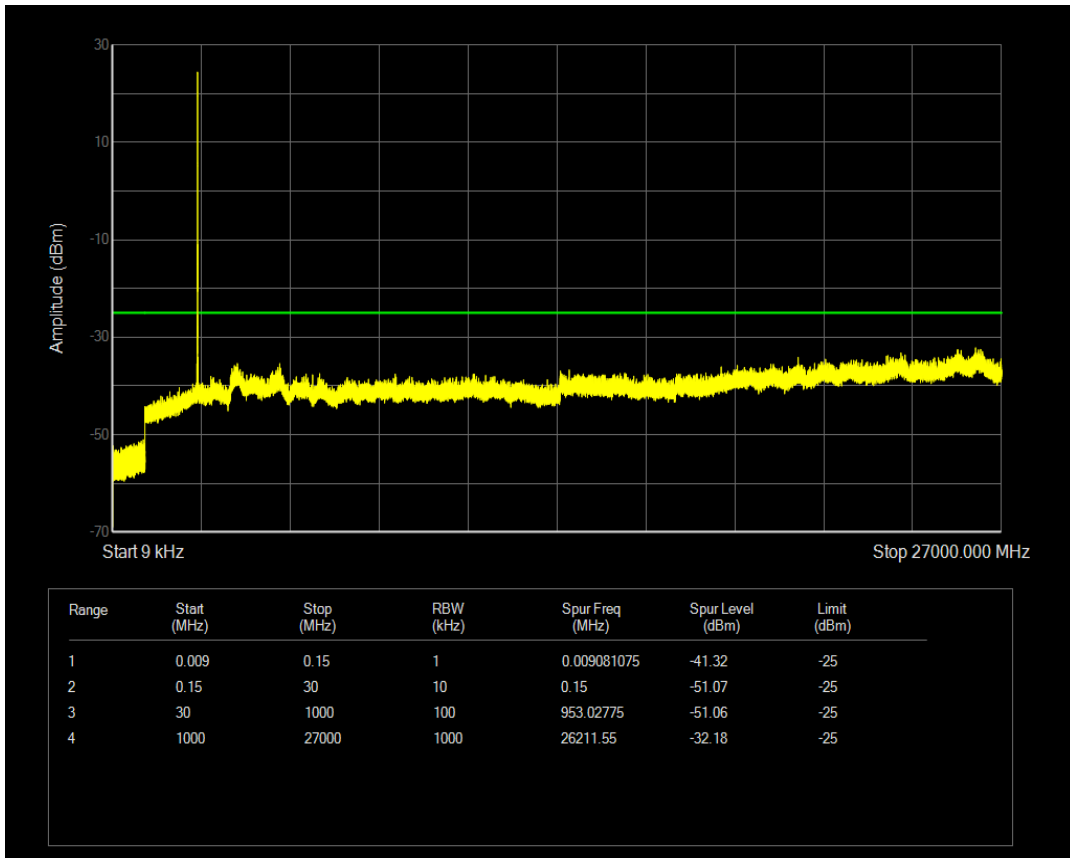
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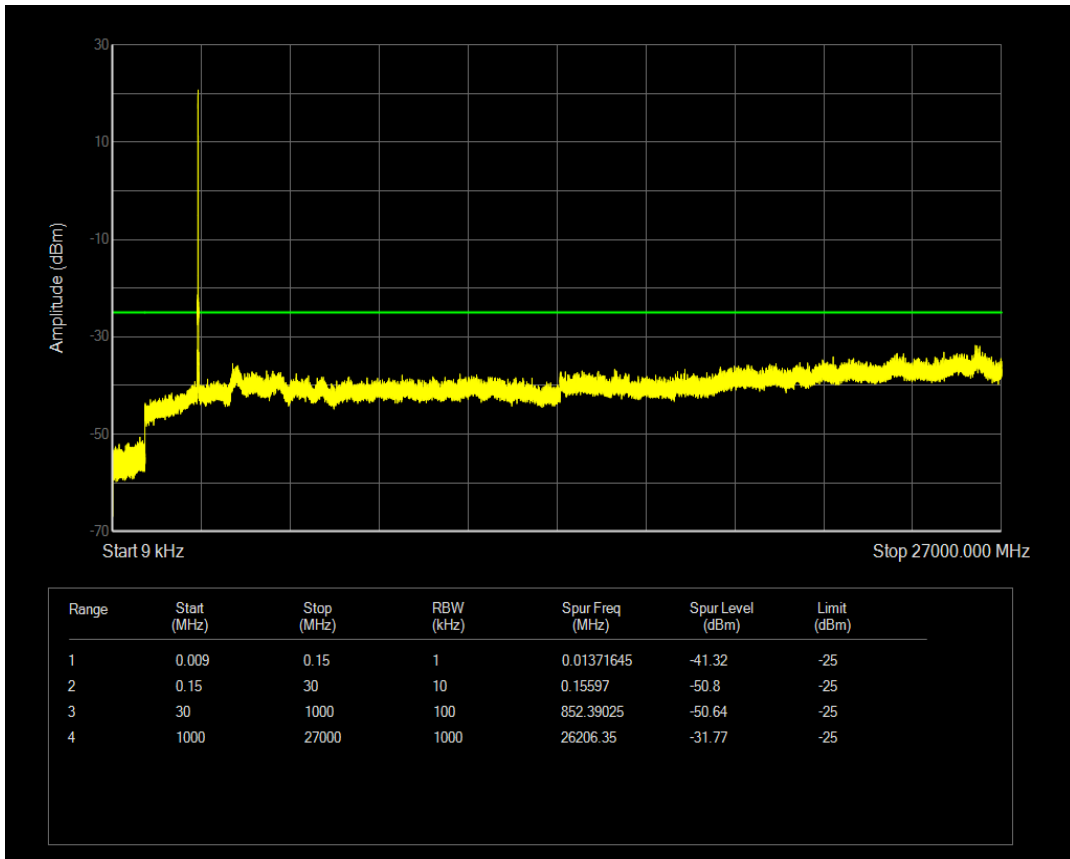
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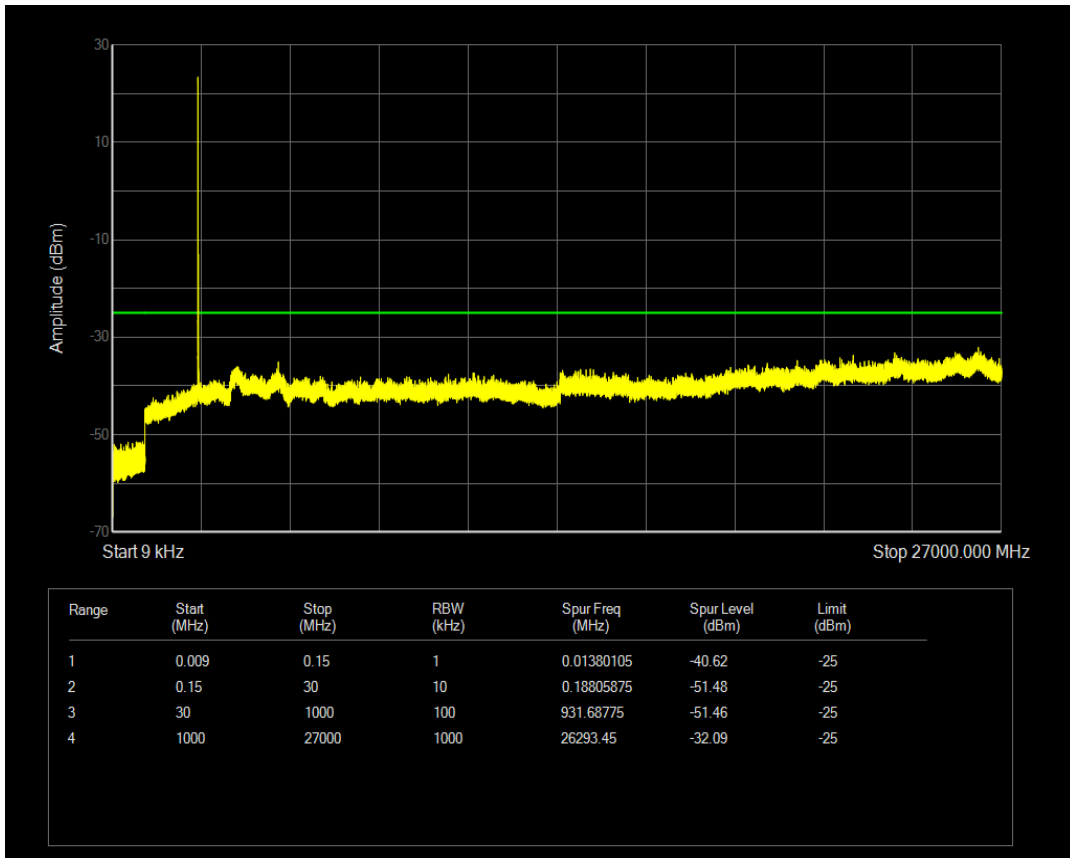
n38 SCS=30kHz DFT_QPSK BW=10MHz Channel=519000 RB=1@23



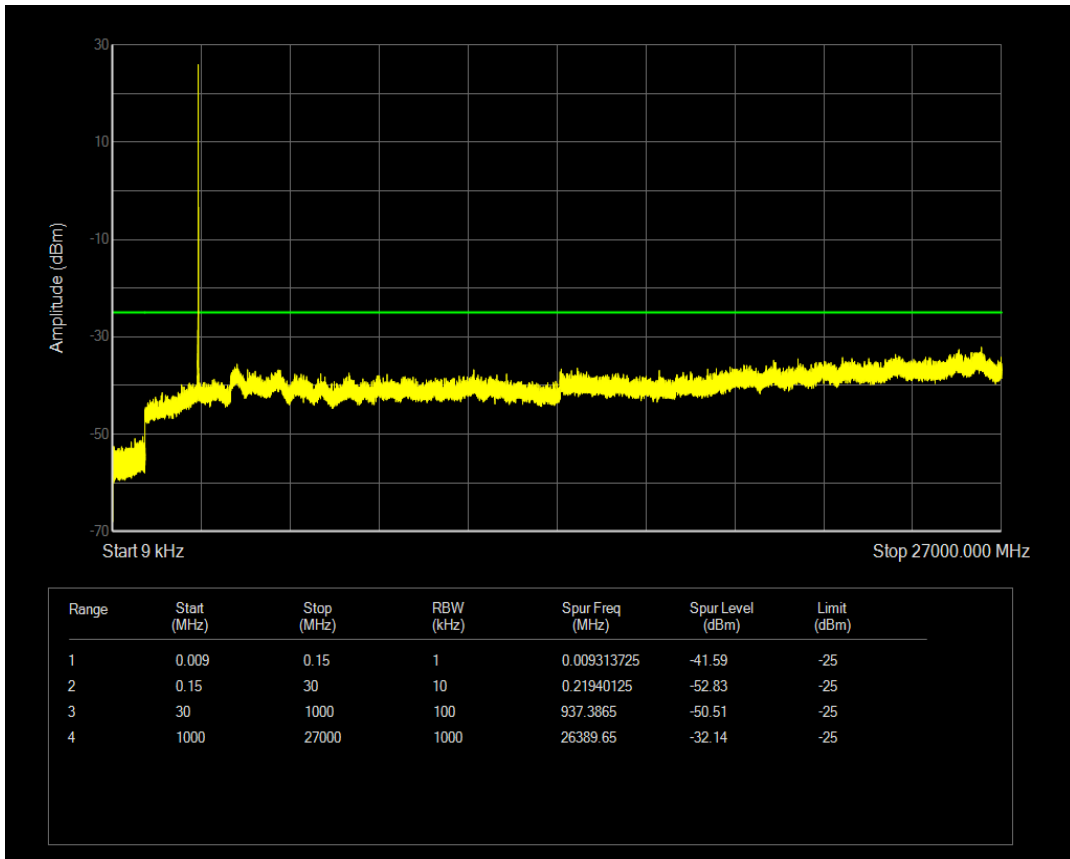
n38 SCS=30kHz DFT_QPSK BW=10MHz Channel=523000 RB=24@0



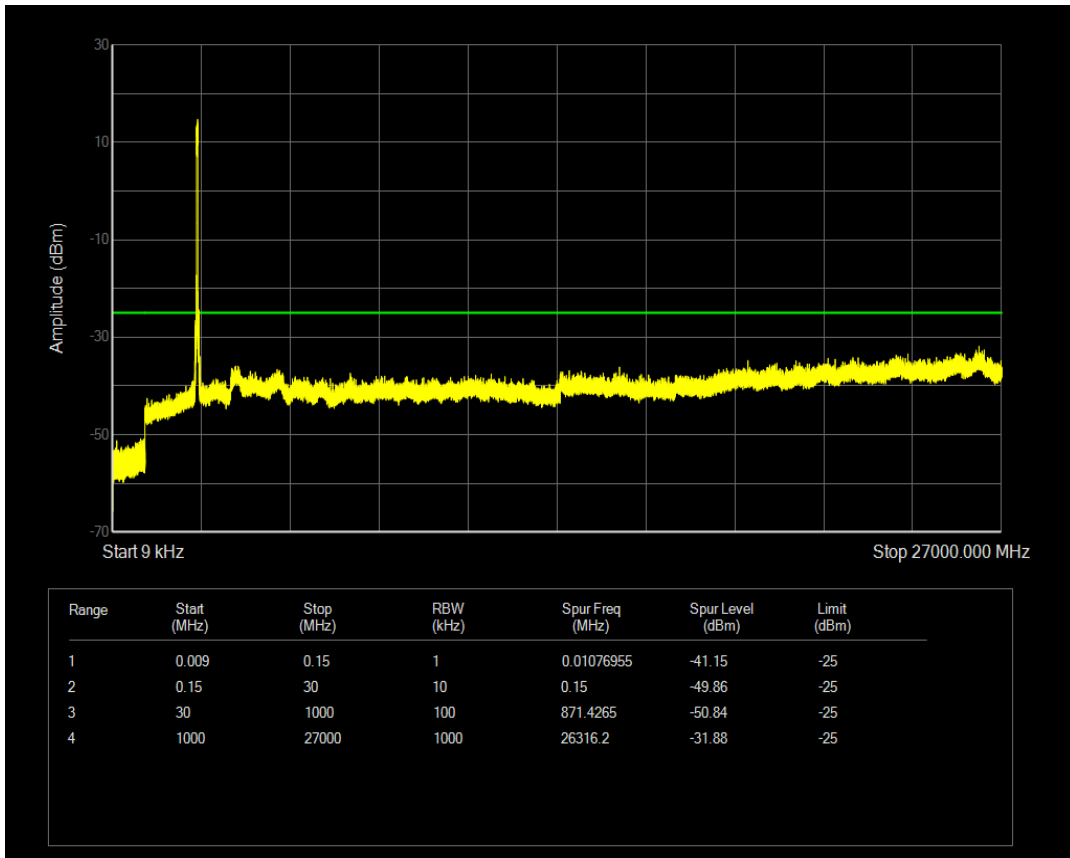
n38 SCS=30kHz DFT_QPSK BW=10MHz Channel=523000 RB=1@0



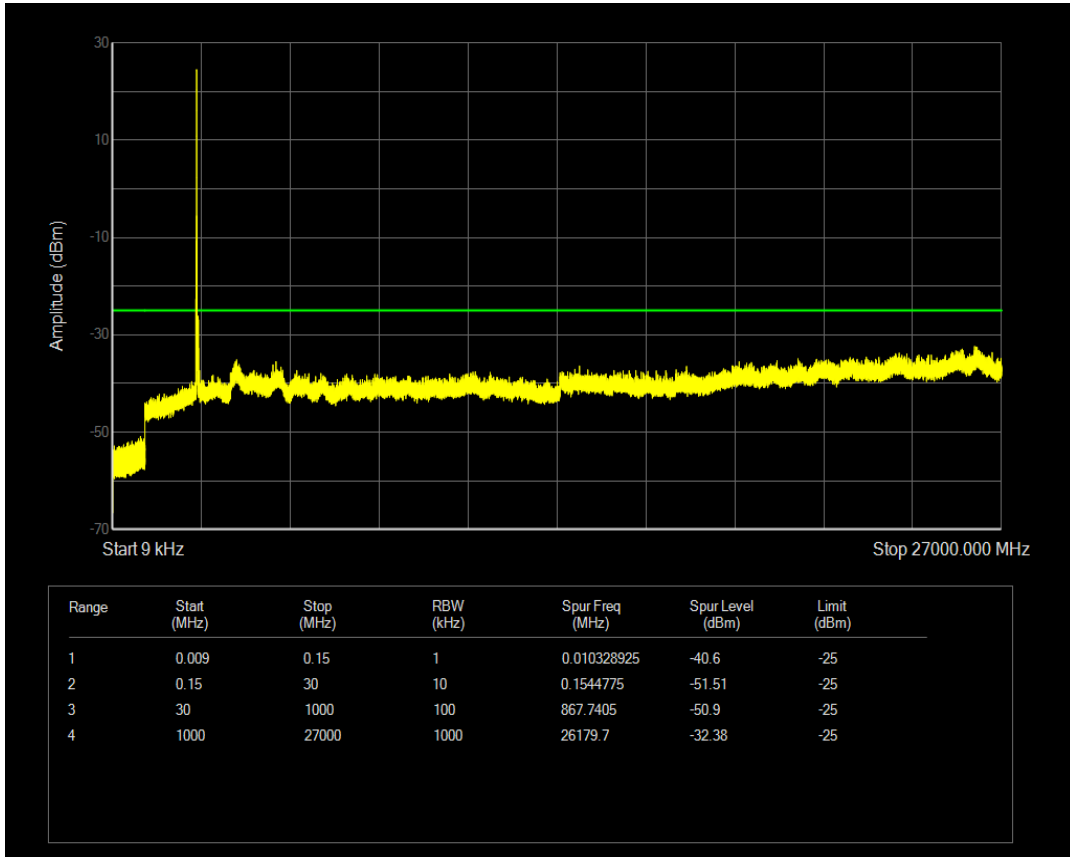
n38 SCS=30kHz DFT_QPSK BW=10MHz Channel=523000 RB=1 @23



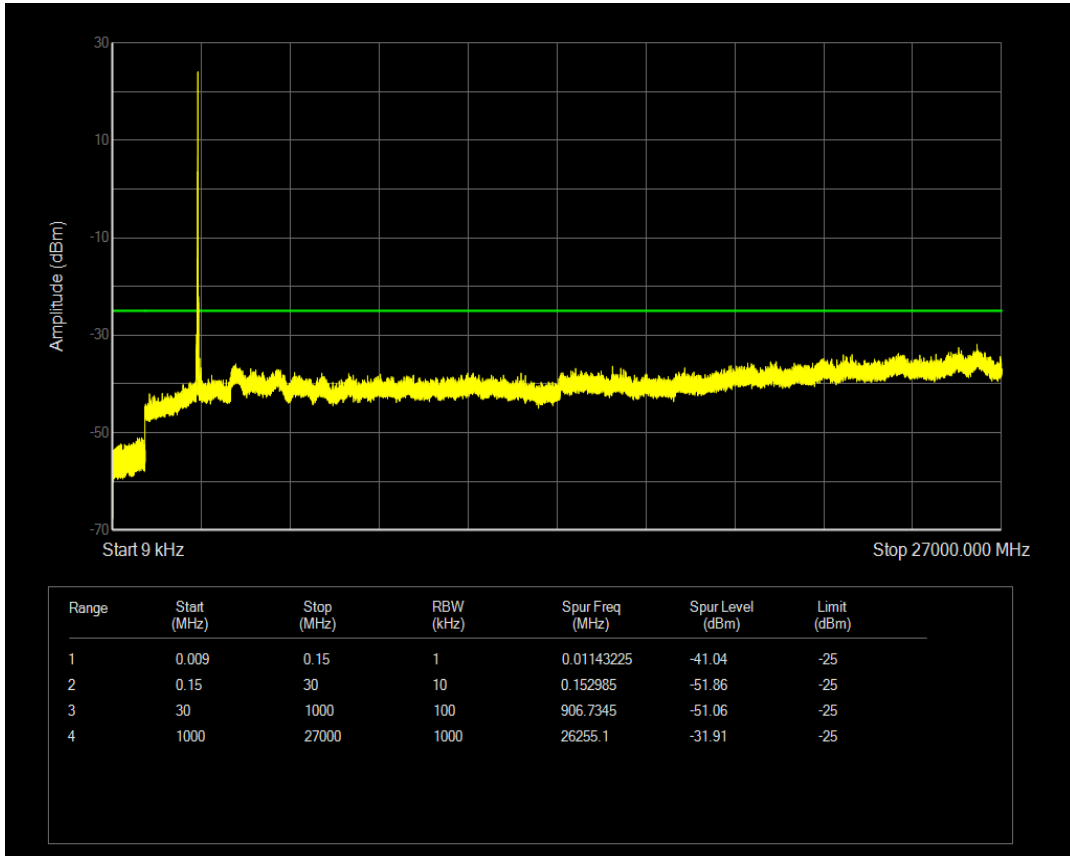
n38 SCS=30kHz DFT_QPSK BW=40MHz Channel=518000 RB=100 @0



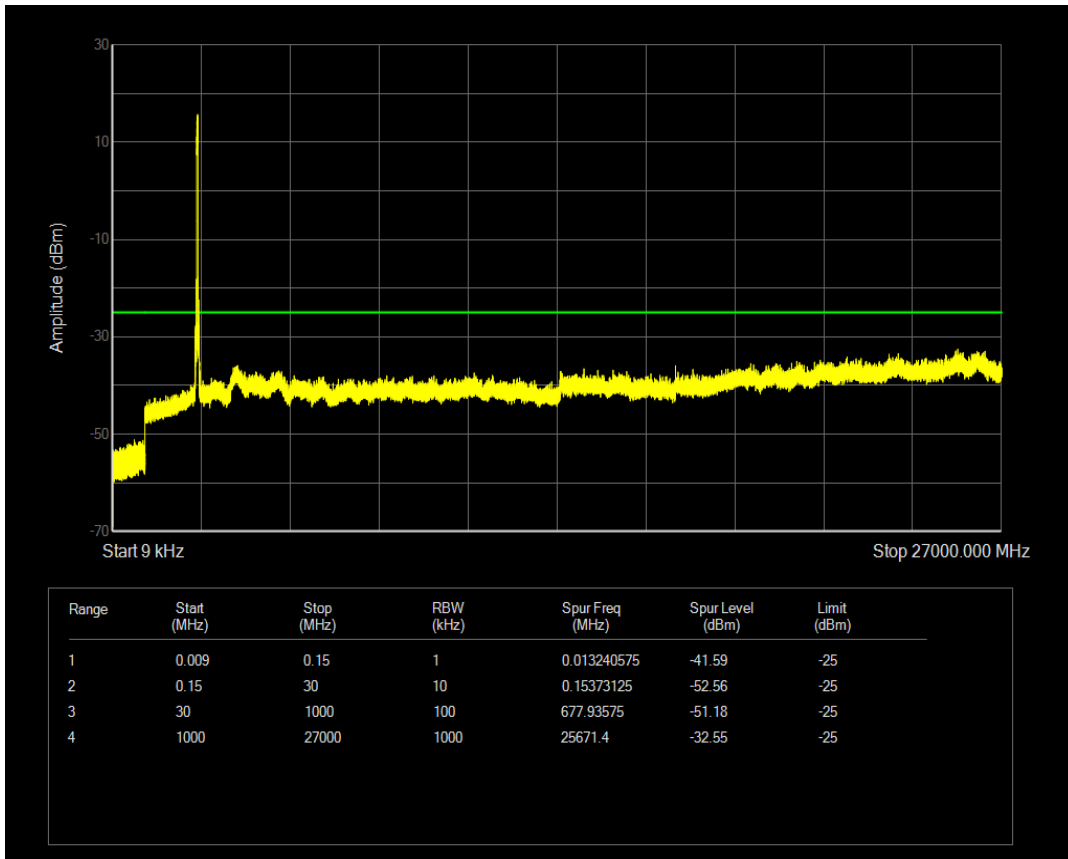
n38 SCS=30kHz DFT_QPSK BW=40MHz Channel=518000 RB=1 @0



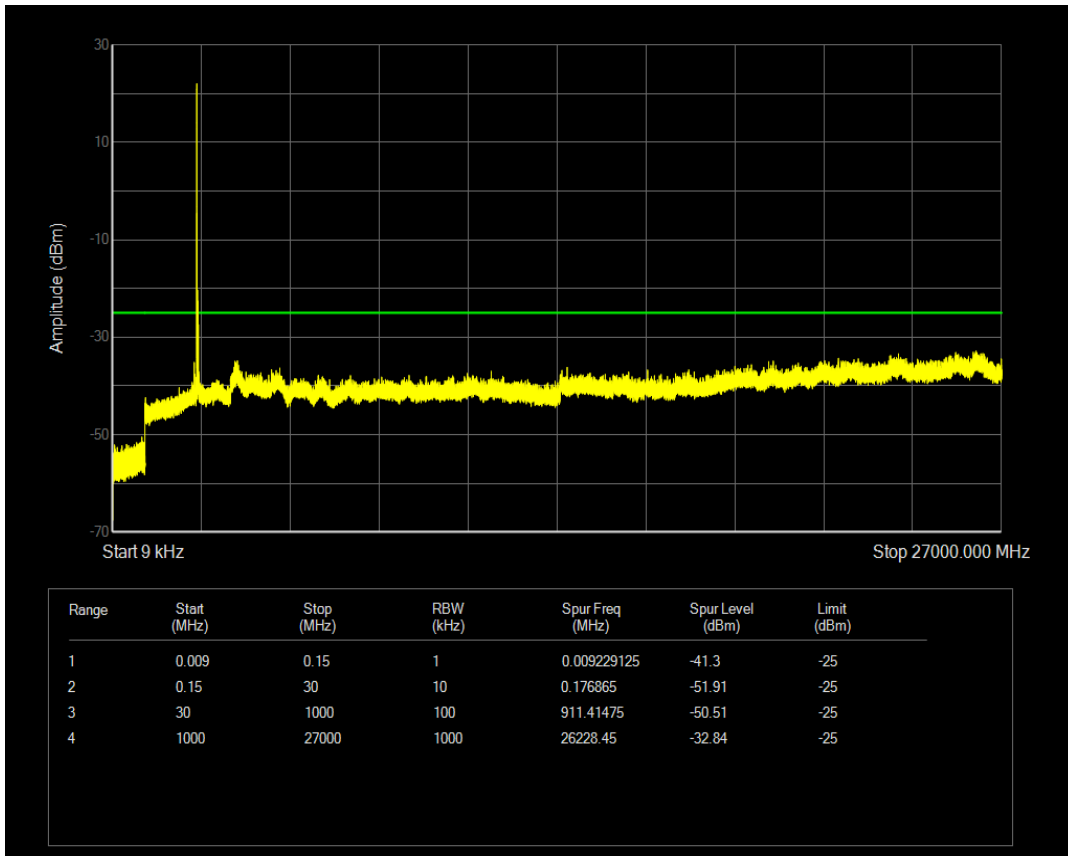
n38 SCS=30kHz DFT_QPSK BW=40MHz Channel=518000 RB=1 @105



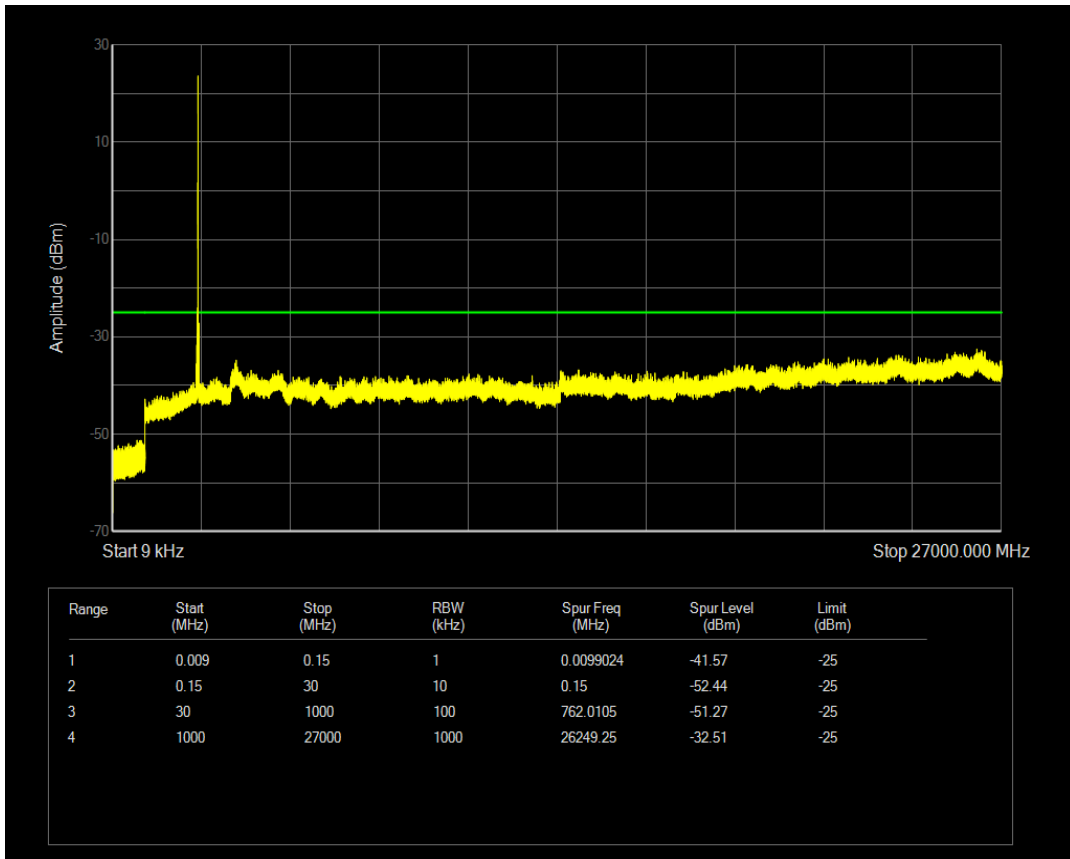
n38 SCS=30kHz DFT_QPSK BW=40MHz Channel=519000 RB=100@0



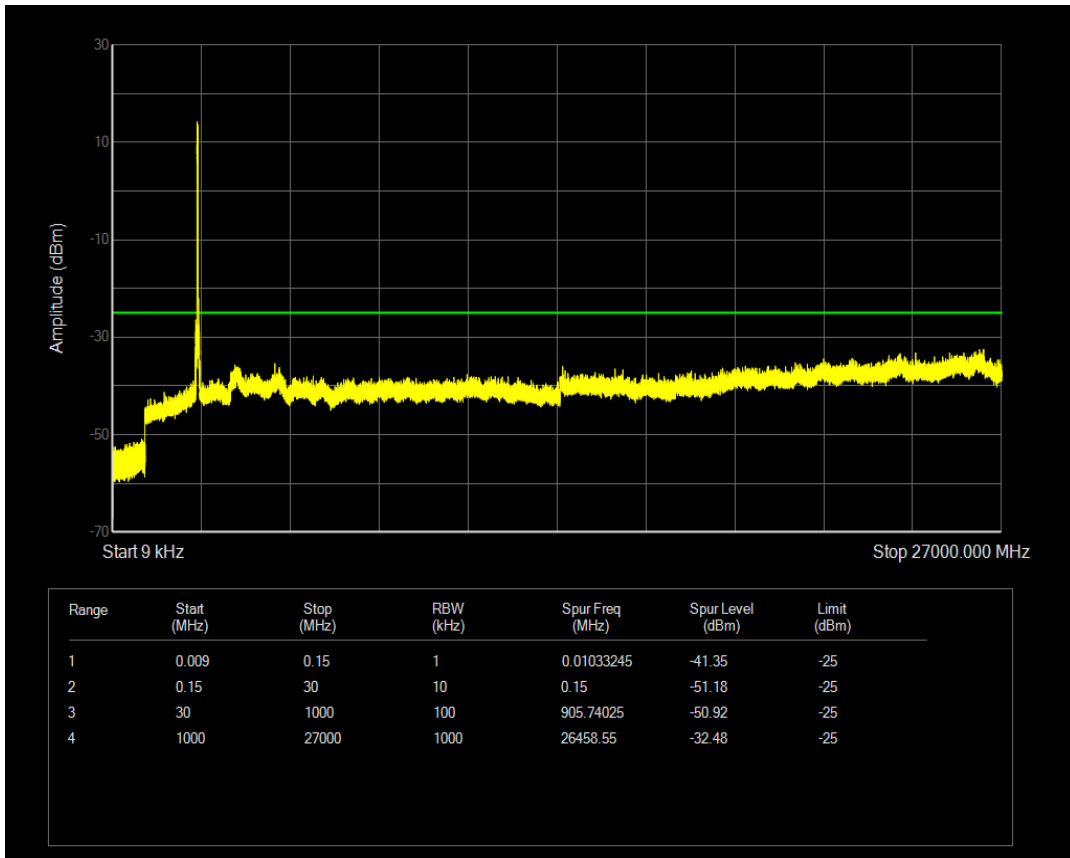
n38 SCS=30kHz DFT_QPSK BW=40MHz Channel=519000 RB=1@0



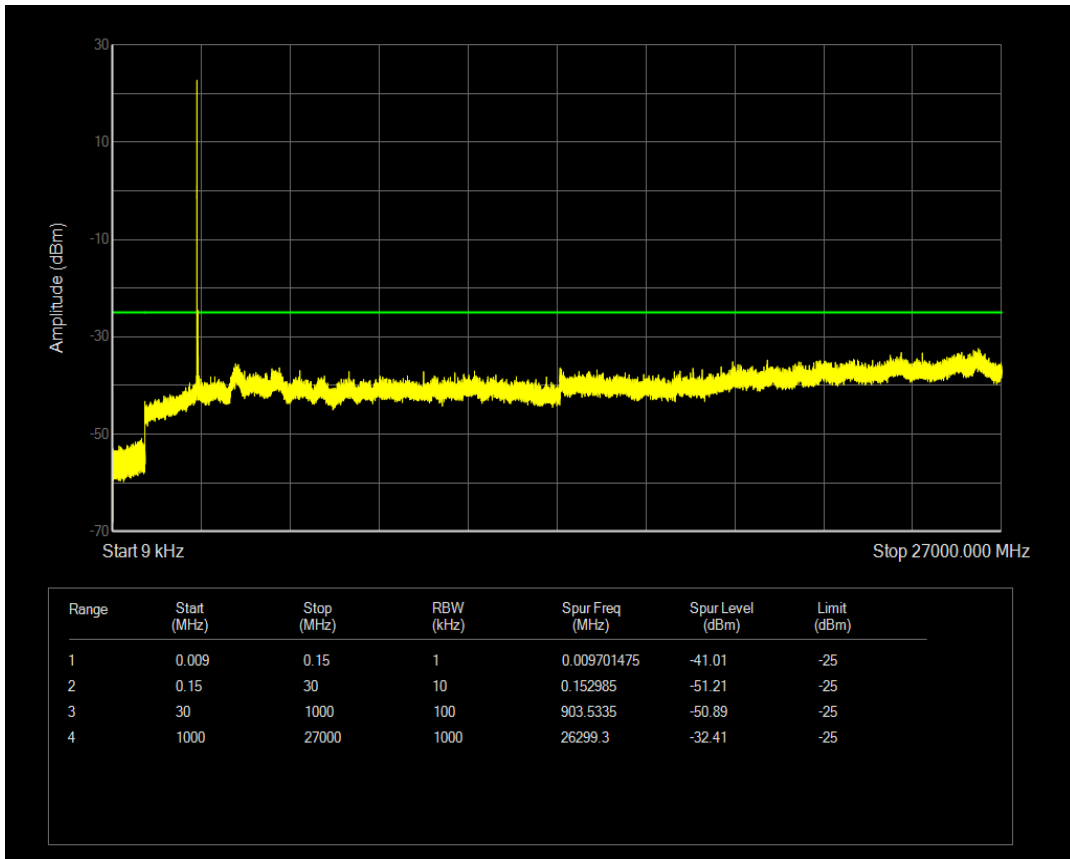
n38 SCS=30kHz DFT_QPSK BW=40MHz Channel=519000 RB=1@105



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

