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
n66	30	10	343000	12@6	DFT_BPSK	23.04	-0.8	22.24	30	PASS
n66	30	10	343000	1@1	DFT_BPSK	22.99	-0.8	22.19	30	PASS
n66	30	10	343000	1@22	DFT_BPSK	23.03	-0.8	22.23	30	PASS
n66	30	10	343000	12@6	DFT_QPSK	23.07	-0.8	22.27	30	PASS
n66	30	10	343000	1@1	DFT_QPSK	23.08	-0.8	22.28	30	PASS
n66	30	10	343000	1@22	DFT_QPSK	23.10	-0.8	22.30	30	PASS
n66	30	10	343000	12@6	DFT_QAM16	22.00	-0.8	21.20	30	PASS
n66	30	10	343000	1@1	DFT_QAM16	21.97	-0.8	21.17	30	PASS
n66	30	10	343000	1@22	DFT_QAM16	21.98	-0.8	21.18	30	PASS
n66	30	10	343000	12@6	DFT_QAM64	20.67	-0.8	19.87	30	PASS
n66	30	10	343000	1@1	DFT_QAM64	20.83	-0.8	20.03	30	PASS
n66	30	10	343000	1@22	DFT_QAM64	20.75	-0.8	19.95	30	PASS
n66	30	10	343000	12@6	DFT_QAM256	18.50	-0.8	17.70	30	PASS
n66	30	10	343000	1@1	DFT_QAM256	18.77	-0.8	17.97	30	PASS
n66	30	10	343000	1@22	DFT_QAM256	18.89	-0.8	18.09	30	PASS
n66	30	10	343000	12@6	CP_QPSK	21.74	-0.8	20.94	30	PASS
n66	30	10	343000	1@1	CP_QPSK	21.14	-0.8	20.34	30	PASS
n66	30	10	343000	1@22	CP_QPSK	21.19	-0.8	20.39	30	PASS
n66	30	10	343000	12@6	CP_QAM16	20.94	-0.8	20.14	30	PASS
n66	30	10	343000	1@1	CP_QAM16	21.84	-0.8	21.04	30	PASS
n66	30	10	343000	1@22	CP_QAM16	21.87	-0.8	21.07	30	PASS
n66	30	10	343000	12@6	CP_QAM64	19.55	-0.8	18.75	30	PASS
n66	30	10	343000	1@1	CP_QAM64	19.63	-0.8	18.83	30	PASS
n66	30	10	343000	1@22	CP_QAM64	19.68	-0.8	18.88	30	PASS
n66	30	10	343000	12@6	CP_QAM256	16.40	-0.8	15.60	30	PASS
n66	30	10	343000	1@1	CP_QAM256	16.52	-0.8	15.72	30	PASS
n66	30	10	343000	1@22	CP_QAM256	16.52	-0.8	15.72	30	PASS
n66	30	10	349000	12@6	DFT_BPSK	23.41	-0.8	22.61	30	PASS
n66	30	10	349000	1@1	DFT_BPSK	23.28	-0.8	22.48	30	PASS
n66	30	10	349000	1@22	DFT_BPSK	23.16	-0.8	22.36	30	PASS
n66	30	10	349000	12@6	DFT_QPSK	23.33	-0.8	22.53	30	PASS
n66	30	10	349000	1@1	DFT_QPSK	23.34	-0.8	22.54	30	PASS
n66	30	10	349000	1@22	DFT_QPSK	23.28	-0.8	22.48	30	PASS
n66	30	10	349000	12@6	DFT_QAM16	22.27	-0.8	21.47	30	PASS
n66	30	10	349000	1@1	DFT_QAM16	22.20	-0.8	21.40	30	PASS
n66	30	10	349000	1@22	DFT_QAM16	22.17	-0.8	21.37	30	PASS
n66	30	10	349000	12@6	DFT_QAM64	20.69	-0.8	19.89	30	PASS

n66	30	10	349000	1@1	DFT_QAM64	21.01	-0.8	20.21	30	PASS
n66	30	10	349000	1@22	DFT_QAM64	20.89	-0.8	20.09	30	PASS
n66	30	10	349000	12@6	DFT_QAM256	18.77	-0.8	17.97	30	PASS
n66	30	10	349000	1@1	DFT_QAM256	19.04	-0.8	18.24	30	PASS
n66	30	10	349000	1@22	DFT_QAM256	19.06	-0.8	18.26	30	PASS
n66	30	10	349000	12@6	CP_QPSK	22.03	-0.8	21.23	30	PASS
n66	30	10	349000	1@1	CP_QPSK	21.25	-0.8	20.45	30	PASS
n66	30	10	349000	1@22	CP_QPSK	21.32	-0.8	20.52	30	PASS
n66	30	10	349000	12@6	CP_QAM16	21.13	-0.8	20.33	30	PASS
n66	30	10	349000	1@1	CP_QAM16	22.27	-0.8	21.47	30	PASS
n66	30	10	349000	1@22	CP_QAM16	22.06	-0.8	21.26	30	PASS
n66	30	10	349000	12@6	CP_QAM64	19.73	-0.8	18.93	30	PASS
n66	30	10	349000	1@1	CP_QAM64	19.95	-0.8	19.15	30	PASS
n66	30	10	349000	1@22	CP_QAM64	19.94	-0.8	19.14	30	PASS
n66	30	10	349000	12@6	CP_QAM256	16.82	-0.8	16.02	30	PASS
n66	30	10	349000	1@1	CP_QAM256	16.82	-0.8	16.02	30	PASS
n66	30	10	349000	1@22	CP_QAM256	16.82	-0.8	16.02	30	PASS
n66	30	10	355000	12@6	DFT_BPSK	23.03	-0.8	22.23	30	PASS
n66	30	10	355000	1@1	DFT_BPSK	22.95	-0.8	22.15	30	PASS
n66	30	10	355000	1@22	DFT_BPSK	22.84	-0.8	22.04	30	PASS
n66	30	10	355000	12@6	DFT_QPSK	23.10	-0.8	22.30	30	PASS
n66	30	10	355000	1@1	DFT_QPSK	22.89	-0.8	22.09	30	PASS
n66	30	10	355000	1@22	DFT_QPSK	22.85	-0.8	22.05	30	PASS
n66	30	10	355000	12@6	DFT_QAM16	22.03	-0.8	21.23	30	PASS
n66	30	10	355000	1@1	DFT_QAM16	22.00	-0.8	21.20	30	PASS
n66	30	10	355000	1@22	DFT_QAM16	21.90	-0.8	21.10	30	PASS
n66	30	10	355000	12@6	DFT_QAM64	20.42	-0.8	19.62	30	PASS
n66	30	10	355000	1@1	DFT_QAM64	20.67	-0.8	19.87	30	PASS
n66	30	10	355000	1@22	DFT_QAM64	20.69	-0.8	19.89	30	PASS
n66	30	10	355000	12@6	DFT_QAM256	18.45	-0.8	17.65	30	PASS
n66	30	10	355000	1@1	DFT_QAM256	19.06	-0.8	18.26	30	PASS
n66	30	10	355000	1@22	DFT_QAM256	18.88	-0.8	18.08	30	PASS
n66	30	10	355000	12@6	CP_QPSK	21.76	-0.8	20.96	30	PASS
n66	30	10	355000	1@1	CP_QPSK	21.19	-0.8	20.39	30	PASS
n66	30	10	355000	1@22	CP_QPSK	21.12	-0.8	20.32	30	PASS
n66	30	10	355000	12@6	CP_QAM16	20.88	-0.8	20.08	30	PASS
n66	30	10	355000	1@1	CP_QAM16	21.26	-0.8	20.46	30	PASS
n66	30	10	355000	1@22	CP_QAM16	21.32	-0.8	20.52	30	PASS
n66	30	10	355000	12@6	CP_QAM64	19.46	-0.8	18.66	30	PASS
n66	30	10	355000	1@1	CP_QAM64	19.62	-0.8	18.82	30	PASS
n66	30	10	355000	1@22	CP_QAM64	19.61	-0.8	18.81	30	PASS
n66	30	10	355000	12@6	CP_QAM256	16.49	-0.8	15.69	30	PASS
n66	30	10	355000	1@1	CP_QAM256	16.55	-0.8	15.75	30	PASS
n66	30	10	355000	1@22	CP_QAM256	16.61	-0.8	15.81	30	PASS

n66	30	15	343500	18@9	DFT_BPSK	23.07	-0.8	22.27	30	PASS
n66	30	15	343500	1@1	DFT_BPSK	22.93	-0.8	22.13	30	PASS
n66	30	15	343500	1@36	DFT_BPSK	22.92	-0.8	22.12	30	PASS
n66	30	15	343500	18@9	DFT_QPSK	23.05	-0.8	22.25	30	PASS
n66	30	15	343500	1@1	DFT_QPSK	22.95	-0.8	22.15	30	PASS
n66	30	15	343500	1@36	DFT_QPSK	22.97	-0.8	22.17	30	PASS
n66	30	15	343500	18@9	DFT_QAM16	22.02	-0.8	21.22	30	PASS
n66	30	15	343500	1@1	DFT_QAM16	21.96	-0.8	21.16	30	PASS
n66	30	15	343500	1@36	DFT_QAM16	22.02	-0.8	21.22	30	PASS
n66	30	15	343500	18@9	DFT_QAM64	20.50	-0.8	19.70	30	PASS
n66	30	15	343500	1@1	DFT_QAM64	20.79	-0.8	19.99	30	PASS
n66	30	15	343500	1@36	DFT_QAM64	20.57	-0.8	19.77	30	PASS
n66	30	15	343500	18@9	DFT_QAM256	18.41	-0.8	17.61	30	PASS
n66	30	15	343500	1@1	DFT_QAM256	18.70	-0.8	17.90	30	PASS
n66	30	15	343500	1@36	DFT_QAM256	18.83	-0.8	18.03	30	PASS
n66	30	15	343500	19@9	CP_QPSK	21.57	-0.8	20.77	30	PASS
n66	30	15	343500	1@1	CP_QPSK	21.10	-0.8	20.30	30	PASS
n66	30	15	343500	1@36	CP_QPSK	21.15	-0.8	20.35	30	PASS
n66	30	15	343500	19@9	CP_QAM16	21.10	-0.8	20.30	30	PASS
n66	30	15	343500	1@1	CP_QAM16	21.60	-0.8	20.80	30	PASS
n66	30	15	343500	1@36	CP_QAM16	21.70	-0.8	20.90	30	PASS
n66	30	15	343500	19@9	CP_QAM64	19.49	-0.8	18.69	30	PASS
n66	30	15	343500	1@1	CP_QAM64	19.67	-0.8	18.87	30	PASS
n66	30	15	343500	1@36	CP_QAM64	19.65	-0.8	18.85	30	PASS
n66	30	15	343500	19@9	CP_QAM256	16.28	-0.8	15.48	30	PASS
n66	30	15	343500	1@1	CP_QAM256	16.44	-0.8	15.64	30	PASS
n66	30	15	343500	1@36	CP_QAM256	16.49	-0.8	15.69	30	PASS
n66	30	15	349000	18@9	DFT_BPSK	23.27	-0.8	22.47	30	PASS
n66	30	15	349000	1@1	DFT_BPSK	23.13	-0.8	22.33	30	PASS
n66	30	15	349000	1@36	DFT_BPSK	23.11	-0.8	22.31	30	PASS
n66	30	15	349000	18@9	DFT_QPSK	23.27	-0.8	22.47	30	PASS
n66	30	15	349000	1@1	DFT_QPSK	23.06	-0.8	22.26	30	PASS
n66	30	15	349000	1@36	DFT_QPSK	23.02	-0.8	22.22	30	PASS
n66	30	15	349000	18@9	DFT_QAM16	22.31	-0.8	21.51	30	PASS
n66	30	15	349000	1@1	DFT_QAM16	22.27	-0.8	21.47	30	PASS
n66	30	15	349000	1@36	DFT_QAM16	22.16	-0.8	21.36	30	PASS
n66	30	15	349000	18@9	DFT_QAM64	20.55	-0.8	19.75	30	PASS
n66	30	15	349000	1@1	DFT_QAM64	20.84	-0.8	20.04	30	PASS
n66	30	15	349000	1@36	DFT_QAM64	20.79	-0.8	19.99	30	PASS
n66	30	15	349000	18@9	DFT_QAM256	18.66	-0.8	17.86	30	PASS
n66	30	15	349000	1@1	DFT_QAM256	19.10	-0.8	18.30	30	PASS
n66	30	15	349000	1@36	DFT_QAM256	19.11	-0.8	18.31	30	PASS
n66	30	15	349000	19@9	CP_QPSK	21.82	-0.8	21.02	30	PASS
n66	30	15	349000	1@1	CP_QPSK	21.37	-0.8	20.57	30	PASS

n66	30	15	349000	1@36	CP_QPSK	21.52	-0.8	20.72	30	PASS
n66	30	15	349000	19@9	CP_QAM16	21.24	-0.8	20.44	30	PASS
n66	30	15	349000	1@1	CP_QAM16	21.31	-0.8	20.51	30	PASS
n66	30	15	349000	1@36	CP_QAM16	21.10	-0.8	20.30	30	PASS
n66	30	15	349000	19@9	CP_QAM64	19.81	-0.8	19.01	30	PASS
n66	30	15	349000	1@1	CP_QAM64	19.80	-0.8	19.00	30	PASS
n66	30	15	349000	1@36	CP_QAM64	19.68	-0.8	18.88	30	PASS
n66	30	15	349000	19@9	CP_QAM256	16.60	-0.8	15.80	30	PASS
n66	30	15	349000	1@1	CP_QAM256	16.65	-0.8	15.85	30	PASS
n66	30	15	349000	1@36	CP_QAM256	16.58	-0.8	15.78	30	PASS
n66	30	15	354500	18@9	DFT_BPSK	23.05	-0.8	22.25	30	PASS
n66	30	15	354500	1@1	DFT_BPSK	22.94	-0.8	22.14	30	PASS
n66	30	15	354500	1@36	DFT_BPSK	22.85	-0.8	22.05	30	PASS
n66	30	15	354500	18@9	DFT_QPSK	23.11	-0.8	22.31	30	PASS
n66	30	15	354500	1@1	DFT_QPSK	22.91	-0.8	22.11	30	PASS
n66	30	15	354500	1@36	DFT_QPSK	22.93	-0.8	22.13	30	PASS
n66	30	15	354500	18@9	DFT_QAM16	22.07	-0.8	21.27	30	PASS
n66	30	15	354500	1@1	DFT_QAM16	21.97	-0.8	21.17	30	PASS
n66	30	15	354500	1@36	DFT_QAM16	21.85	-0.8	21.05	30	PASS
n66	30	15	354500	18@9	DFT_QAM64	20.39	-0.8	19.59	30	PASS
n66	30	15	354500	1@1	DFT_QAM64	20.30	-0.8	19.50	30	PASS
n66	30	15	354500	1@36	DFT_QAM64	20.18	-0.8	19.38	30	PASS
n66	30	15	354500	18@9	DFT_QAM256	18.44	-0.8	17.64	30	PASS
n66	30	15	354500	1@1	DFT_QAM256	18.68	-0.8	17.88	30	PASS
n66	30	15	354500	1@36	DFT_QAM256	18.65	-0.8	17.85	30	PASS
n66	30	15	354500	19@9	CP_QPSK	21.57	-0.8	20.77	30	PASS
n66	30	15	354500	1@1	CP_QPSK	21.33	-0.8	20.53	30	PASS
n66	30	15	354500	1@36	CP_QPSK	21.11	-0.8	20.31	30	PASS
n66	30	15	354500	19@9	CP_QAM16	21.13	-0.8	20.33	30	PASS
n66	30	15	354500	1@1	CP_QAM16	21.74	-0.8	20.94	30	PASS
n66	30	15	354500	1@36	CP_QAM16	21.73	-0.8	20.93	30	PASS
n66	30	15	354500	19@9	CP_QAM64	19.58	-0.8	18.78	30	PASS
n66	30	15	354500	1@1	CP_QAM64	19.35	-0.8	18.55	30	PASS
n66	30	15	354500	1@36	CP_QAM64	19.44	-0.8	18.64	30	PASS
n66	30	15	354500	19@9	CP_QAM256	16.36	-0.8	15.56	30	PASS
n66	30	15	354500	1@1	CP_QAM256	16.49	-0.8	15.69	30	PASS
n66	30	15	354500	1@36	CP_QAM256	16.56	-0.8	15.76	30	PASS
n66	30	20	344000	25@12	DFT_BPSK	23.02	-0.8	22.22	30	PASS
n66	30	20	344000	1@1	DFT_BPSK	22.84	-0.8	22.04	30	PASS
n66	30	20	344000	1@49	DFT_BPSK	22.90	-0.8	22.10	30	PASS
n66	30	20	344000	25@12	DFT_QPSK	23.11	-0.8	22.31	30	PASS
n66	30	20	344000	1@1	DFT_QPSK	22.86	-0.8	22.06	30	PASS
n66	30	20	344000	1@49	DFT_QPSK	23.00	-0.8	22.20	30	PASS
n66	30	20	344000	25@12	DFT_QAM16	22.10	-0.8	21.30	30	PASS

n66	30	20	344000	1@1	DFT_QAM16	21.82	-0.8	21.02	30	PASS
n66	30	20	344000	1@49	DFT_QAM16	21.92	-0.8	21.12	30	PASS
n66	30	20	344000	25@12	DFT_QAM64	20.59	-0.8	19.79	30	PASS
n66	30	20	344000	1@1	DFT_QAM64	20.61	-0.8	19.81	30	PASS
n66	30	20	344000	1@49	DFT_QAM64	20.59	-0.8	19.79	30	PASS
n66	30	20	344000	25@12	DFT_QAM256	18.40	-0.8	17.60	30	PASS
n66	30	20	344000	1@1	DFT_QAM256	18.63	-0.8	17.83	30	PASS
n66	30	20	344000	1@49	DFT_QAM256	18.75	-0.8	17.95	30	PASS
n66	30	20	344000	25@12	CP_QPSK	21.72	-0.8	20.92	30	PASS
n66	30	20	344000	1@1	CP_QPSK	21.11	-0.8	20.31	30	PASS
n66	30	20	344000	1@49	CP_QPSK	21.06	-0.8	20.26	30	PASS
n66	30	20	344000	25@12	CP_QAM16	20.96	-0.8	20.16	30	PASS
n66	30	20	344000	1@1	CP_QAM16	21.71	-0.8	20.91	30	PASS
n66	30	20	344000	1@49	CP_QAM16	21.68	-0.8	20.88	30	PASS
n66	30	20	344000	25@12	CP_QAM64	19.51	-0.8	18.71	30	PASS
n66	30	20	344000	1@1	CP_QAM64	19.32	-0.8	18.52	30	PASS
n66	30	20	344000	1@49	CP_QAM64	19.48	-0.8	18.68	30	PASS
n66	30	20	344000	25@12	CP_QAM256	16.14	-0.8	15.34	30	PASS
n66	30	20	344000	1@1	CP_QAM256	16.34	-0.8	15.54	30	PASS
n66	30	20	344000	1@49	CP_QAM256	16.54	-0.8	15.74	30	PASS
n66	30	20	349000	25@12	DFT_BPSK	23.27	-0.8	22.47	30	PASS
n66	30	20	349000	1@1	DFT_BPSK	23.05	-0.8	22.25	30	PASS
n66	30	20	349000	1@49	DFT_BPSK	23.03	-0.8	22.23	30	PASS
n66	30	20	349000	25@12	DFT_QPSK	23.33	-0.8	22.53	30	PASS
n66	30	20	349000	1@1	DFT_QPSK	23.11	-0.8	22.31	30	PASS
n66	30	20	349000	1@49	DFT_QPSK	23.08	-0.8	22.28	30	PASS
n66	30	20	349000	25@12	DFT_QAM16	22.32	-0.8	21.52	30	PASS
n66	30	20	349000	1@1	DFT_QAM16	22.09	-0.8	21.29	30	PASS
n66	30	20	349000	1@49	DFT_QAM16	22.09	-0.8	21.29	30	PASS
n66	30	20	349000	25@12	DFT_QAM64	20.61	-0.8	19.81	30	PASS
n66	30	20	349000	1@1	DFT_QAM64	20.79	-0.8	19.99	30	PASS
n66	30	20	349000	1@49	DFT_QAM64	20.65	-0.8	19.85	30	PASS
n66	30	20	349000	25@12	DFT_QAM256	18.63	-0.8	17.83	30	PASS
n66	30	20	349000	1@1	DFT_QAM256	18.81	-0.8	18.01	30	PASS
n66	30	20	349000	1@49	DFT_QAM256	19.01	-0.8	18.21	30	PASS
n66	30	20	349000	25@12	CP_QPSK	21.87	-0.8	21.07	30	PASS
n66	30	20	349000	1@1	CP_QPSK	21.13	-0.8	20.33	30	PASS
n66	30	20	349000	1@49	CP_QPSK	21.35	-0.8	20.55	30	PASS
n66	30	20	349000	25@12	CP_QAM16	21.32	-0.8	20.52	30	PASS
n66	30	20	349000	1@1	CP_QAM16	21.87	-0.8	21.07	30	PASS
n66	30	20	349000	1@49	CP_QAM16	21.77	-0.8	20.97	30	PASS
n66	30	20	349000	25@12	CP_QAM64	19.76	-0.8	18.96	30	PASS
n66	30	20	349000	1@1	CP_QAM64	19.77	-0.8	18.97	30	PASS
n66	30	20	349000	1@49	CP_QAM64	19.54	-0.8	18.74	30	PASS

n66	30	20	349000	25@12	CP_QAM256	16.57	-0.8	15.77	30	PASS
n66	30	20	349000	1@1	CP_QAM256	16.56	-0.8	15.76	30	PASS
n66	30	20	349000	1@49	CP_QAM256	16.64	-0.8	15.84	30	PASS
n66	30	20	354000	25@12	DFT_BPSK	23.15	-0.8	22.35	30	PASS
n66	30	20	354000	1@1	DFT_BPSK	22.95	-0.8	22.15	30	PASS
n66	30	20	354000	1@49	DFT_BPSK	22.71	-0.8	21.91	30	PASS
n66	30	20	354000	25@12	DFT_QPSK	23.18	-0.8	22.38	30	PASS
n66	30	20	354000	1@1	DFT_QPSK	22.75	-0.8	21.95	30	PASS
n66	30	20	354000	1@49	DFT_QPSK	22.64	-0.8	21.84	30	PASS
n66	30	20	354000	25@12	DFT_QAM16	22.12	-0.8	21.32	30	PASS
n66	30	20	354000	1@1	DFT_QAM16	22.16	-0.8	21.36	30	PASS
n66	30	20	354000	1@49	DFT_QAM16	21.90	-0.8	21.10	30	PASS
n66	30	20	354000	25@12	DFT_QAM64	20.56	-0.8	19.76	30	PASS
n66	30	20	354000	1@1	DFT_QAM64	20.60	-0.8	19.80	30	PASS
n66	30	20	354000	1@49	DFT_QAM64	20.47	-0.8	19.67	30	PASS
n66	30	20	354000	25@12	DFT_QAM256	18.45	-0.8	17.65	30	PASS
n66	30	20	354000	1@1	DFT_QAM256	18.83	-0.8	18.03	30	PASS
n66	30	20	354000	1@49	DFT_QAM256	18.76	-0.8	17.96	30	PASS
n66	30	20	354000	25@12	CP_QPSK	21.61	-0.8	20.81	30	PASS
n66	30	20	354000	1@1	CP_QPSK	21.12	-0.8	20.32	30	PASS
n66	30	20	354000	1@49	CP_QPSK	21.12	-0.8	20.32	30	PASS
n66	30	20	354000	25@12	CP_QAM16	21.08	-0.8	20.28	30	PASS
n66	30	20	354000	1@1	CP_QAM16	21.17	-0.8	20.37	30	PASS
n66	30	20	354000	1@49	CP_QAM16	21.07	-0.8	20.27	30	PASS
n66	30	20	354000	25@12	CP_QAM64	19.59	-0.8	18.79	30	PASS
n66	30	20	354000	1@1	CP_QAM64	19.54	-0.8	18.74	30	PASS
n66	30	20	354000	1@49	CP_QAM64	19.62	-0.8	18.82	30	PASS
n66	30	20	354000	25@12	CP_QAM256	16.33	-0.8	15.53	30	PASS
n66	30	20	354000	1@1	CP_QAM256	16.50	-0.8	15.70	30	PASS
n66	30	20	354000	1@49	CP_QAM256	16.40	-0.8	15.60	30	PASS
n66	30	40	346000	50@25	DFT_BPSK	23.12	-0.8	22.32	30	PASS
n66	30	40	346000	1@1	DFT_BPSK	22.45	-0.8	21.65	30	PASS
n66	30	40	346000	1@104	DFT_BPSK	22.77	-0.8	21.97	30	PASS
n66	30	40	346000	50@25	DFT_QPSK	23.18	-0.8	22.38	30	PASS
n66	30	40	346000	1@1	DFT_QPSK	22.49	-0.8	21.69	30	PASS
n66	30	40	346000	1@104	DFT_QPSK	22.78	-0.8	21.98	30	PASS
n66	30	40	346000	50@25	DFT_QAM16	22.11	-0.8	21.31	30	PASS
n66	30	40	346000	1@1	DFT_QAM16	21.57	-0.8	20.77	30	PASS
n66	30	40	346000	1@104	DFT_QAM16	21.94	-0.8	21.14	30	PASS
n66	30	40	346000	50@25	DFT_QAM64	20.48	-0.8	19.68	30	PASS
n66	30	40	346000	1@1	DFT_QAM64	19.89	-0.8	19.09	30	PASS
n66	30	40	346000	1@104	DFT_QAM64	20.49	-0.8	19.69	30	PASS
n66	30	40	346000	50@25	DFT_QAM256	18.42	-0.8	17.62	30	PASS
n66	30	40	346000	1@1	DFT_QAM256	18.41	-0.8	17.61	30	PASS

n66	30	40	346000	1@104	DFT_QAM256	18.63	-0.8	17.83	30	PASS
n66	30	40	346000	53@26	CP_QPSK	21.56	-0.8	20.76	30	PASS
n66	30	40	346000	1@1	CP_QPSK	20.86	-0.8	20.06	30	PASS
n66	30	40	346000	1@104	CP_QPSK	21.34	-0.8	20.54	30	PASS
n66	30	40	346000	53@26	CP_QAM16	21.07	-0.8	20.27	30	PASS
n66	30	40	346000	1@1	CP_QAM16	21.11	-0.8	20.31	30	PASS
n66	30	40	346000	1@104	CP_QAM16	21.62	-0.8	20.82	30	PASS
n66	30	40	346000	53@26	CP_QAM64	19.60	-0.8	18.80	30	PASS
n66	30	40	346000	1@1	CP_QAM64	18.79	-0.8	17.99	30	PASS
n66	30	40	346000	1@104	CP_QAM64	19.17	-0.8	18.37	30	PASS
n66	30	40	346000	53@26	CP_QAM256	16.30	-0.8	15.50	30	PASS
n66	30	40	346000	1@1	CP_QAM256	16.03	-0.8	15.23	30	PASS
n66	30	40	346000	1@104	CP_QAM256	16.51	-0.8	15.71	30	PASS
n66	30	40	349000	50@25	DFT_BPSK	23.29	-0.8	22.49	30	PASS
n66	30	40	349000	1@1	DFT_BPSK	22.61	-0.8	21.81	30	PASS
n66	30	40	349000	1@104	DFT_BPSK	22.49	-0.8	21.69	30	PASS
n66	30	40	349000	50@25	DFT_QPSK	23.35	-0.8	22.55	30	PASS
n66	30	40	349000	1@1	DFT_QPSK	22.63	-0.8	21.83	30	PASS
n66	30	40	349000	1@104	DFT_QPSK	22.69	-0.8	21.89	30	PASS
n66	30	40	349000	50@25	DFT_QAM16	22.27	-0.8	21.47	30	PASS
n66	30	40	349000	1@1	DFT_QAM16	21.74	-0.8	20.94	30	PASS
n66	30	40	349000	1@104	DFT_QAM16	21.73	-0.8	20.93	30	PASS
n66	30	40	349000	50@25	DFT_QAM64	20.64	-0.8	19.84	30	PASS
n66	30	40	349000	1@1	DFT_QAM64	20.21	-0.8	19.41	30	PASS
n66	30	40	349000	1@104	DFT_QAM64	20.30	-0.8	19.50	30	PASS
n66	30	40	349000	50@25	DFT_QAM256	18.58	-0.8	17.78	30	PASS
n66	30	40	349000	1@1	DFT_QAM256	18.48	-0.8	17.68	30	PASS
n66	30	40	349000	1@104	DFT_QAM256	18.62	-0.8	17.82	30	PASS
n66	30	40	349000	53@26	CP_QPSK	21.61	-0.8	20.81	30	PASS
n66	30	40	349000	1@1	CP_QPSK	21.00	-0.8	20.20	30	PASS
n66	30	40	349000	1@104	CP_QPSK	20.85	-0.8	20.05	30	PASS
n66	30	40	349000	53@26	CP_QAM16	21.22	-0.8	20.42	30	PASS
n66	30	40	349000	1@1	CP_QAM16	21.17	-0.8	20.37	30	PASS
n66	30	40	349000	1@104	CP_QAM16	21.22	-0.8	20.42	30	PASS
n66	30	40	349000	53@26	CP_QAM64	19.77	-0.8	18.97	30	PASS
n66	30	40	349000	1@1	CP_QAM64	19.14	-0.8	18.34	30	PASS
n66	30	40	349000	1@104	CP_QAM64	19.20	-0.8	18.40	30	PASS
n66	30	40	349000	53@26	CP_QAM256	16.53	-0.8	15.73	30	PASS
n66	30	40	349000	1@1	CP_QAM256	16.11	-0.8	15.31	30	PASS
n66	30	40	349000	1@104	CP_QAM256	16.21	-0.8	15.41	30	PASS
n66	30	40	352000	50@25	DFT_BPSK	23.19	-0.8	22.39	30	PASS
n66	30	40	352000	1@1	DFT_BPSK	22.78	-0.8	21.98	30	PASS
n66	30	40	352000	1@104	DFT_BPSK	22.48	-0.8	21.68	30	PASS
n66	30	40	352000	50@25	DFT_QPSK	23.19	-0.8	22.39	30	PASS

n66	30	40	352000	1@1	DFT_QPSK	22.78	-0.8	21.98	30	PASS
n66	30	40	352000	1@104	DFT_QPSK	22.64	-0.8	21.84	30	PASS
n66	30	40	352000	50@25	DFT_QAM16	22.17	-0.8	21.37	30	PASS
n66	30	40	352000	1@1	DFT_QAM16	21.85	-0.8	21.05	30	PASS
n66	30	40	352000	1@104	DFT_QAM16	21.64	-0.8	20.84	30	PASS
n66	30	40	352000	50@25	DFT_QAM64	20.50	-0.8	19.70	30	PASS
n66	30	40	352000	1@1	DFT_QAM64	20.45	-0.8	19.65	30	PASS
n66	30	40	352000	1@104	DFT_QAM64	20.23	-0.8	19.43	30	PASS
n66	30	40	352000	50@25	DFT_QAM256	18.43	-0.8	17.63	30	PASS
n66	30	40	352000	1@1	DFT_QAM256	18.70	-0.8	17.90	30	PASS
n66	30	40	352000	1@104	DFT_QAM256	18.38	-0.8	17.58	30	PASS
n66	30	40	352000	53@26	CP_QPSK	21.55	-0.8	20.75	30	PASS
n66	30	40	352000	1@1	CP_QPSK	21.20	-0.8	20.40	30	PASS
n66	30	40	352000	1@104	CP_QPSK	20.89	-0.8	20.09	30	PASS
n66	30	40	352000	53@26	CP_QAM16	21.13	-0.8	20.33	30	PASS
n66	30	40	352000	1@1	CP_QAM16	21.33	-0.8	20.53	30	PASS
n66	30	40	352000	1@104	CP_QAM16	21.23	-0.8	20.43	30	PASS
n66	30	40	352000	53@26	CP_QAM64	19.54	-0.8	18.74	30	PASS
n66	30	40	352000	1@1	CP_QAM64	19.11	-0.8	18.31	30	PASS
n66	30	40	352000	1@104	CP_QAM64	19.04	-0.8	18.24	30	PASS
n66	30	40	352000	53@26	CP_QAM256	16.43	-0.8	15.63	30	PASS
n66	30	40	352000	1@1	CP_QAM256	16.21	-0.8	15.41	30	PASS
n66	30	40	352000	1@104	CP_QAM256	16.14	-0.8	15.34	30	PASS

2 Frequency stability for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Voltage (Vdc)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n66	30	40	349000	50@25	DFT_BPSK	3.89	0.16	0.00	Within authorized band for 5G NR n66	PASS
n66	30	40	349000	50@25	DFT_BPSK	3.45	2.42	0.00		PASS
n66	30	40	349000	50@25	DFT_BPSK	4.48	13.03	0.01		PASS
n66	30	40	349000	50@25	DFT_QPSK	3.89	2.66	0.00		PASS
n66	30	40	349000	50@25	DFT_QPSK	3.45	0.80	0.00		PASS
n66	30	40	349000	50@25	DFT_QPSK	4.48	10.19	0.01		PASS

Note: Only the worst case shown in the report.

NV:

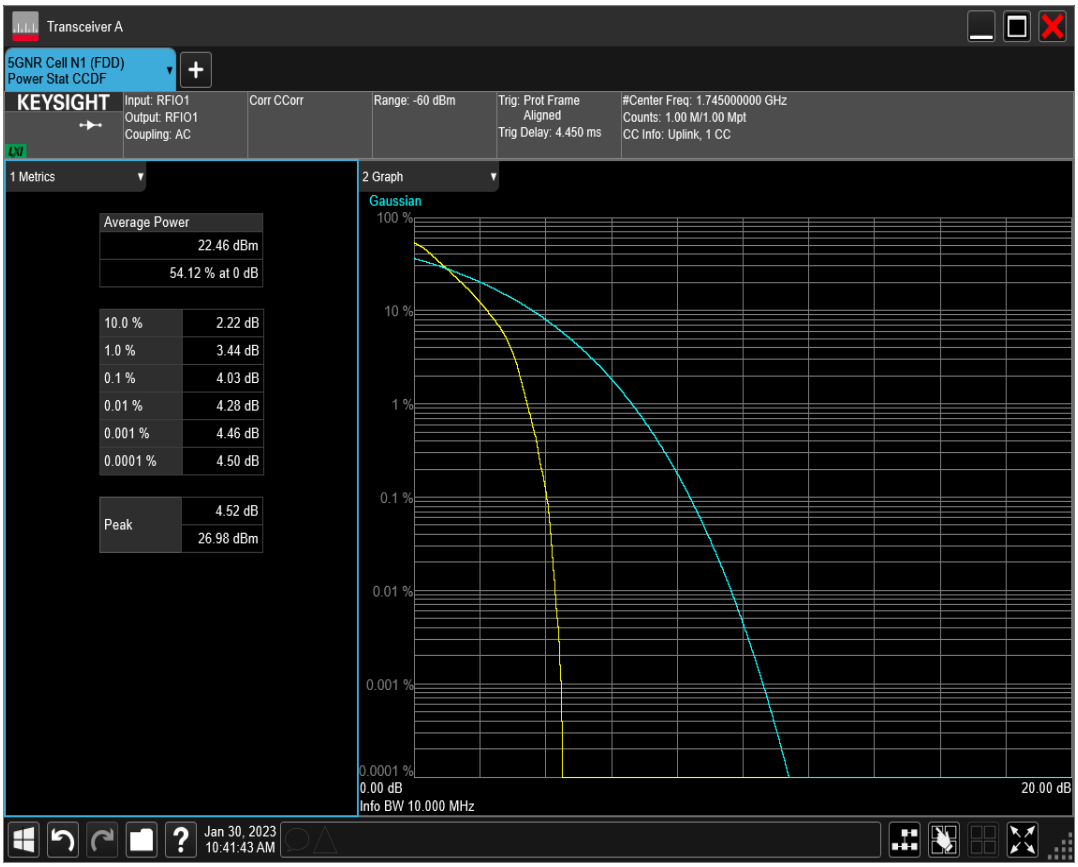
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Temperature(℃)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n66	30	40	349000	50@25	DFT_BPSK	-30	-2.48	0.00	Within authorized band for 5G NR n66	PASS
n66	30	40	349000	50@25	DFT_BPSK	-20	-3.01	0.00		PASS
n66	30	40	349000	50@25	DFT_BPSK	-10	-1.88	0.00		PASS
n66	30	40	349000	50@25	DFT_BPSK	0	-4.62	0.00		PASS
n66	30	40	349000	50@25	DFT_BPSK	10	-4.69	0.00		PASS
n66	30	40	349000	50@25	DFT_BPSK	20	-3.04	0.00		PASS
n66	30	40	349000	50@25	DFT_BPSK	30	-3.09	0.00		PASS
n66	30	40	349000	50@25	DFT_BPSK	40	-6.31	0.00		PASS
n66	30	40	349000	50@25	DFT_BPSK	50	-5.67	0.00		PASS
n66	30	40	349000	50@25	DFT_QPSK	-30	-4.12	0.00		PASS
n66	30	40	349000	50@25	DFT_QPSK	-20	-6.48	0.00		PASS
n66	30	40	349000	50@25	DFT_QPSK	-10	-5.7	0.00		PASS
n66	30	40	349000	50@25	DFT_QPSK	0	-3.12	0.00		PASS
n66	30	40	349000	50@25	DFT_QPSK	10	-3.22	0.00		PASS
n66	30	40	349000	50@25	DFT_QPSK	20	-6.69	0.00		PASS
n66	30	40	349000	50@25	DFT_QPSK	30	-5.26	0.00		PASS
n66	30	40	349000	50@25	DFT_QPSK	40	-6.74	0.00		PASS
n66	30	40	349000	50@25	DFT_QPSK	50	-3.31	0.00		PASS

Note: Only the worst case shown in the report.

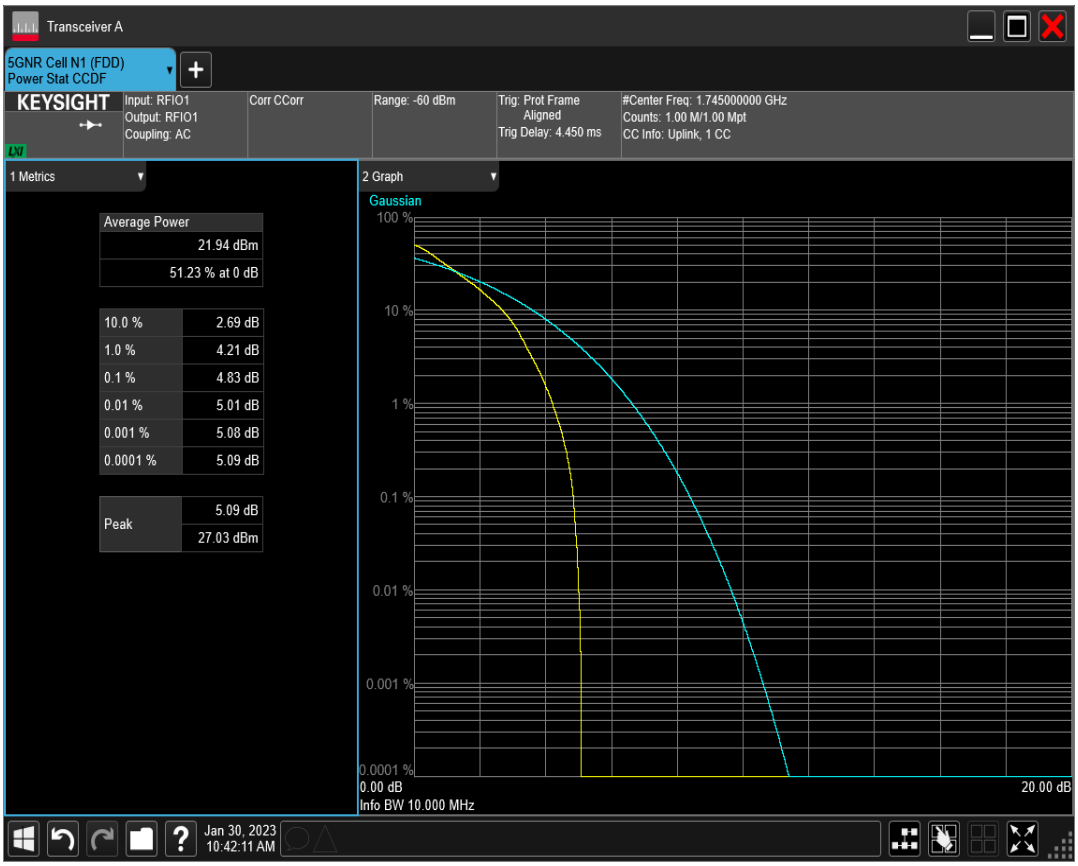
3 Peak-to-Average Ratio for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n66	30	10	349000	24@0	DFT_BPSK	4.03	13	PASS
n66	30	10	349000	24@0	DFT_QPSK	4.83	13	PASS
n66	30	10	349000	24@0	DFT_QAM16	5.71	13	PASS
n66	30	10	349000	24@0	DFT_QAM64	6.05	13	PASS
n66	30	10	349000	24@0	DFT_QAM256	6.96	13	PASS
n66	30	15	349000	36@0	DFT_BPSK	4.27	13	PASS
n66	30	15	349000	36@0	DFT_QPSK	5.03	13	PASS
n66	30	15	349000	36@0	DFT_QAM16	5.88	13	PASS
n66	30	15	349000	36@0	DFT_QAM64	6.24	13	PASS
n66	30	15	349000	36@0	DFT_QAM256	7.04	13	PASS
n66	30	20	349000	50@0	DFT_BPSK	4.34	13	PASS
n66	30	20	349000	50@0	DFT_QPSK	5.25	13	PASS
n66	30	20	349000	50@0	DFT_QAM16	6.10	13	PASS
n66	30	20	349000	50@0	DFT_QAM64	6.38	13	PASS
n66	30	20	349000	50@0	DFT_QAM256	6.94	13	PASS
n66	30	40	349000	100@0	DFT_BPSK	4.35	13	PASS
n66	30	40	349000	100@0	DFT_QPSK	5.23	13	PASS
n66	30	40	349000	100@0	DFT_QAM16	6.06	13	PASS
n66	30	40	349000	100@0	DFT_QAM64	6.34	13	PASS
n66	30	40	349000	100@0	DFT_QAM256	6.97	13	PASS

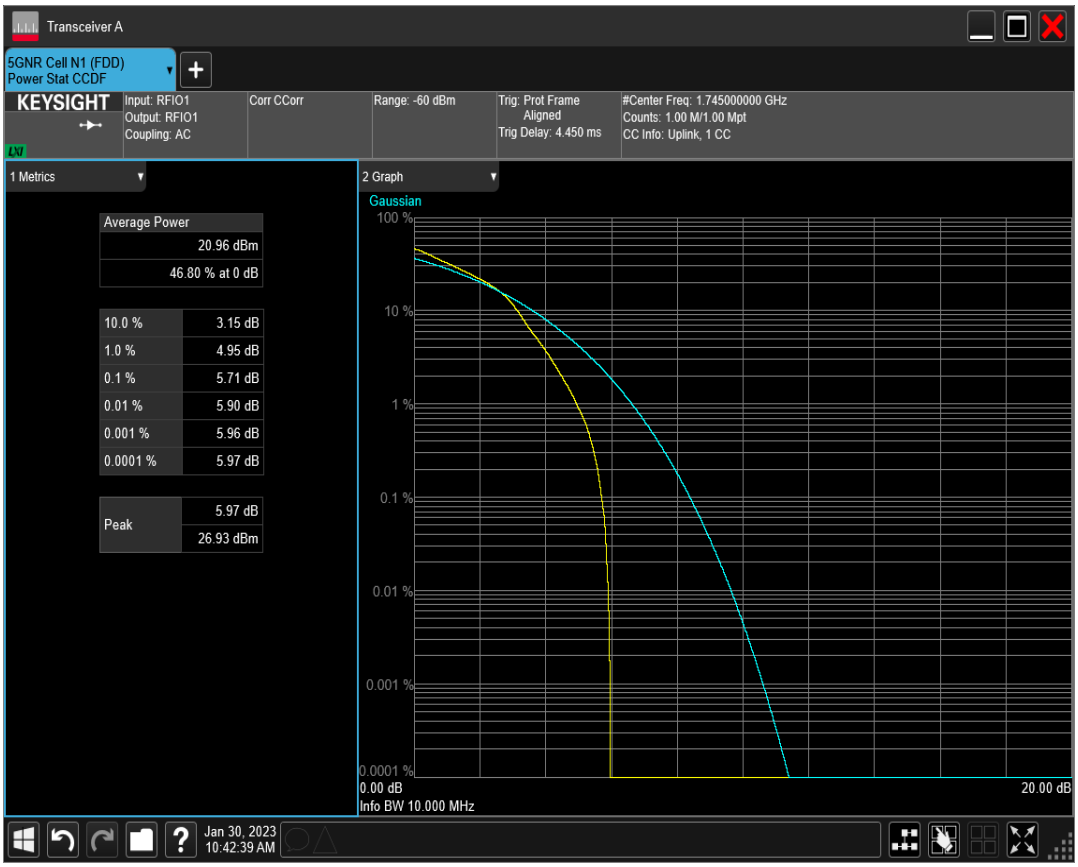
n66 SCS=30kHz DFT_BPSK BW=10MHz Channel=349000 RB=24@0



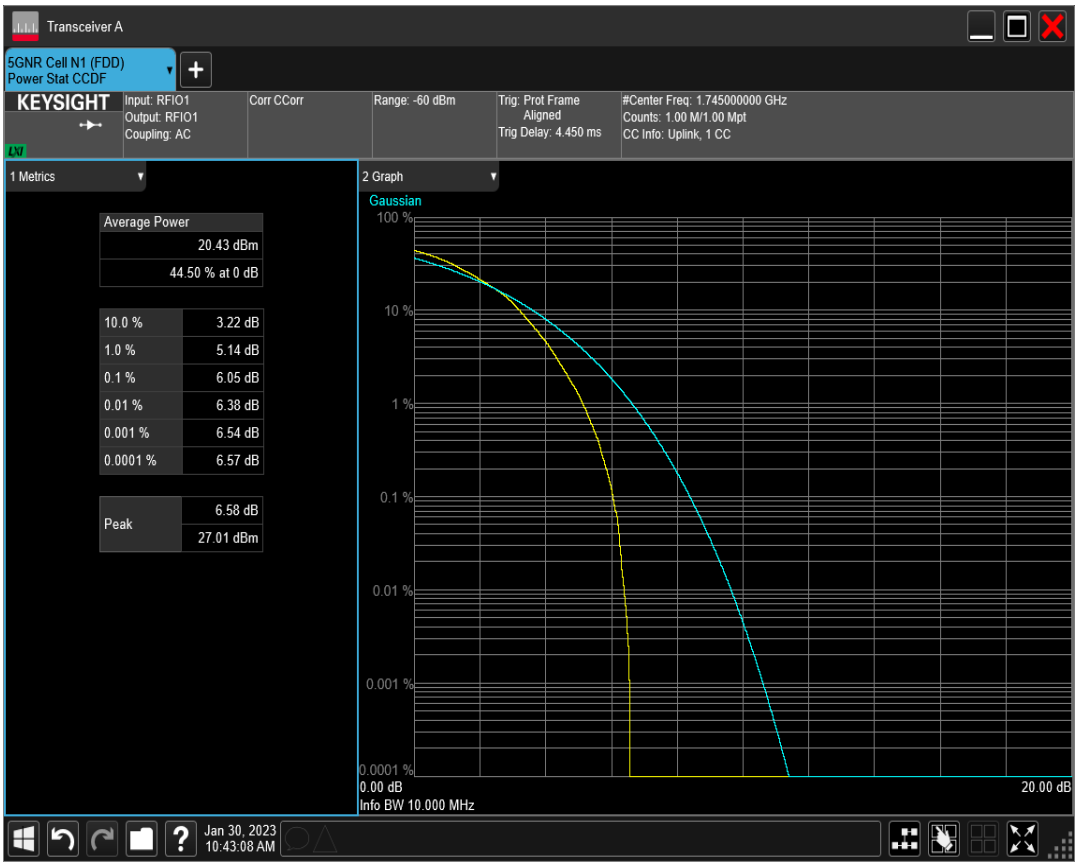
n66 SCS=30kHz DFT_QPSK BW=10MHz Channel=349000 RB=24@0



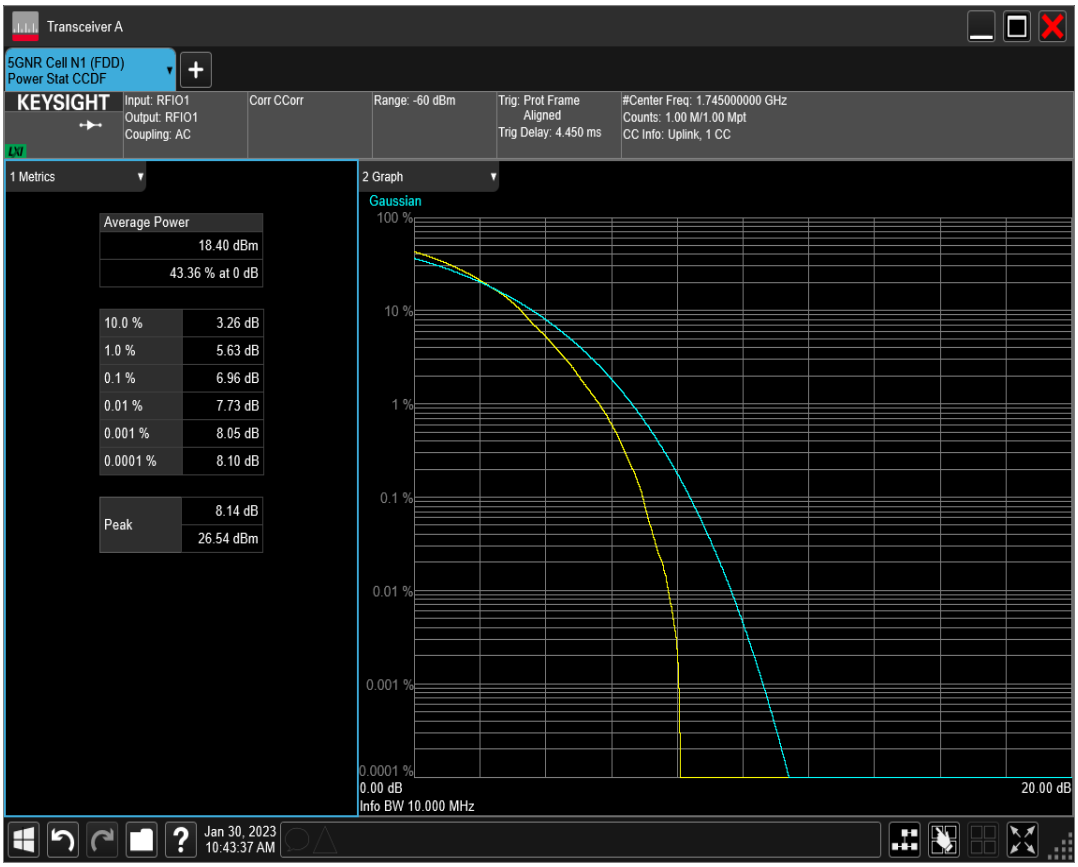
n66 SCS=30kHz DFT_QAM16 BW=10MHz Channel=349000 RB=24@0



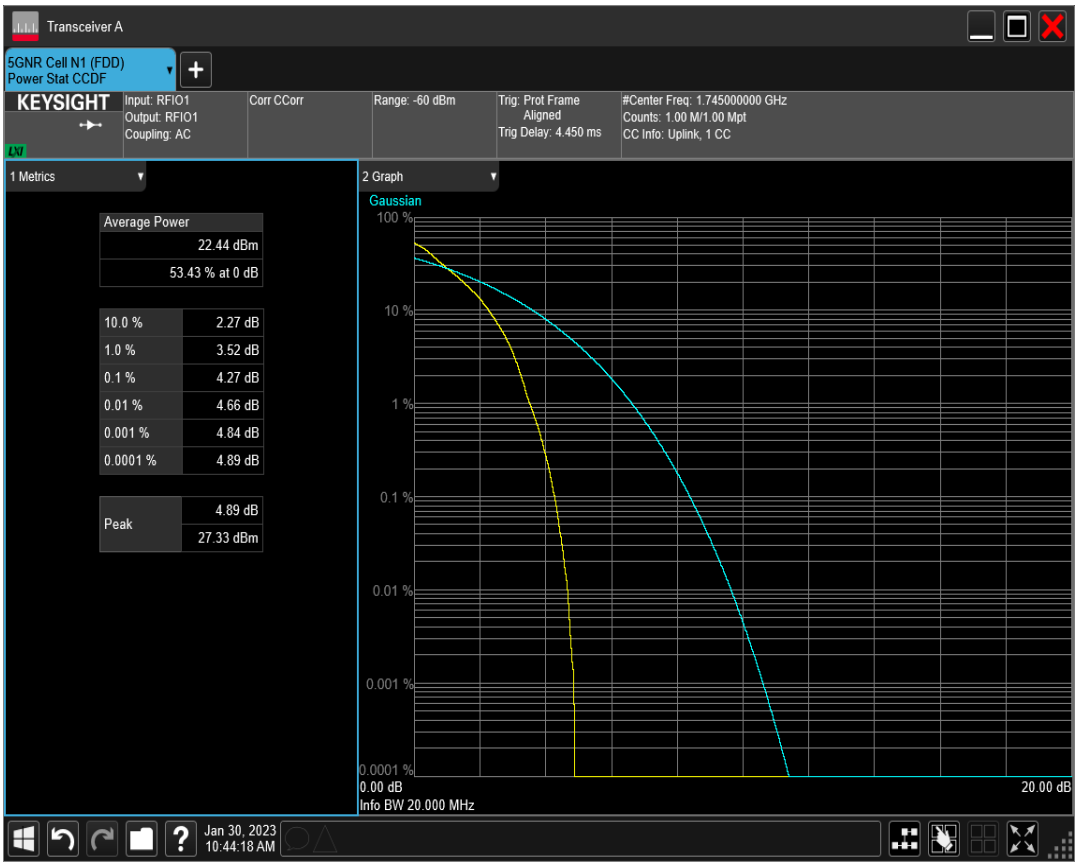
n66 SCS=30kHz DFT_QAM64 BW=10MHz Channel=349000 RB=24@0



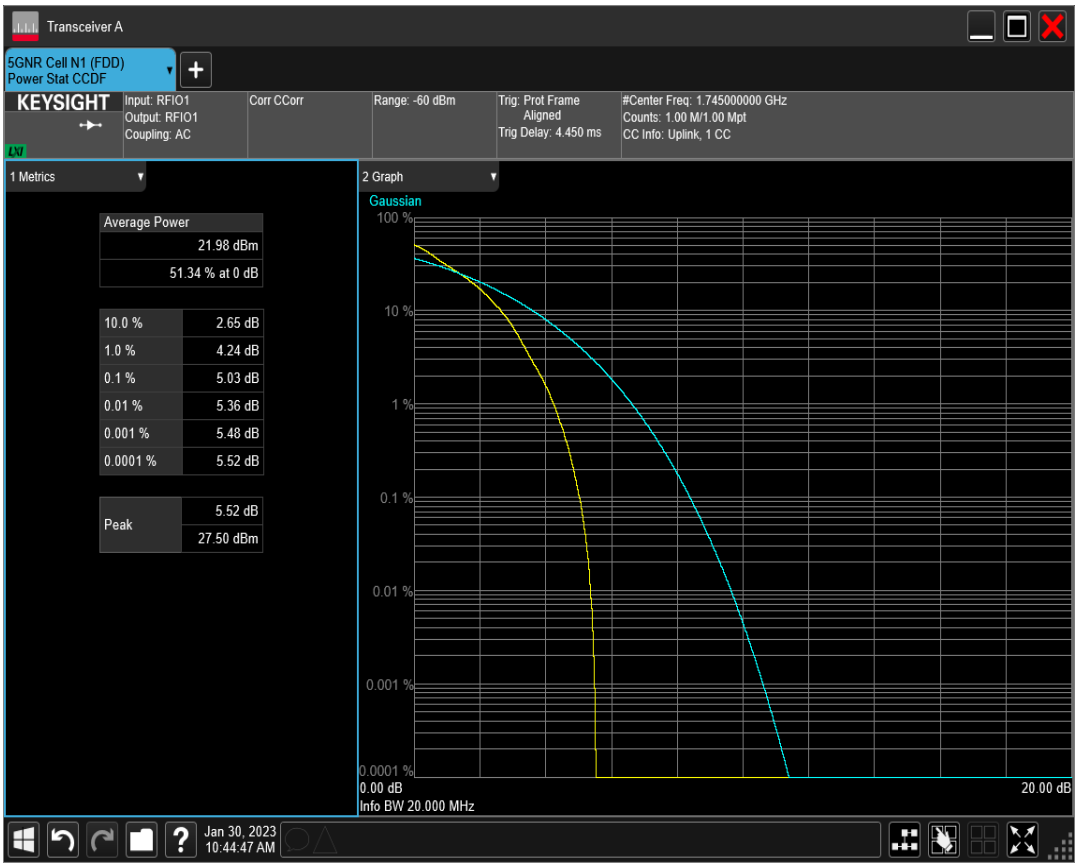
n66 SCS=30kHz DFT_QAM256 BW=10MHz Channel=349000 RB=24@0



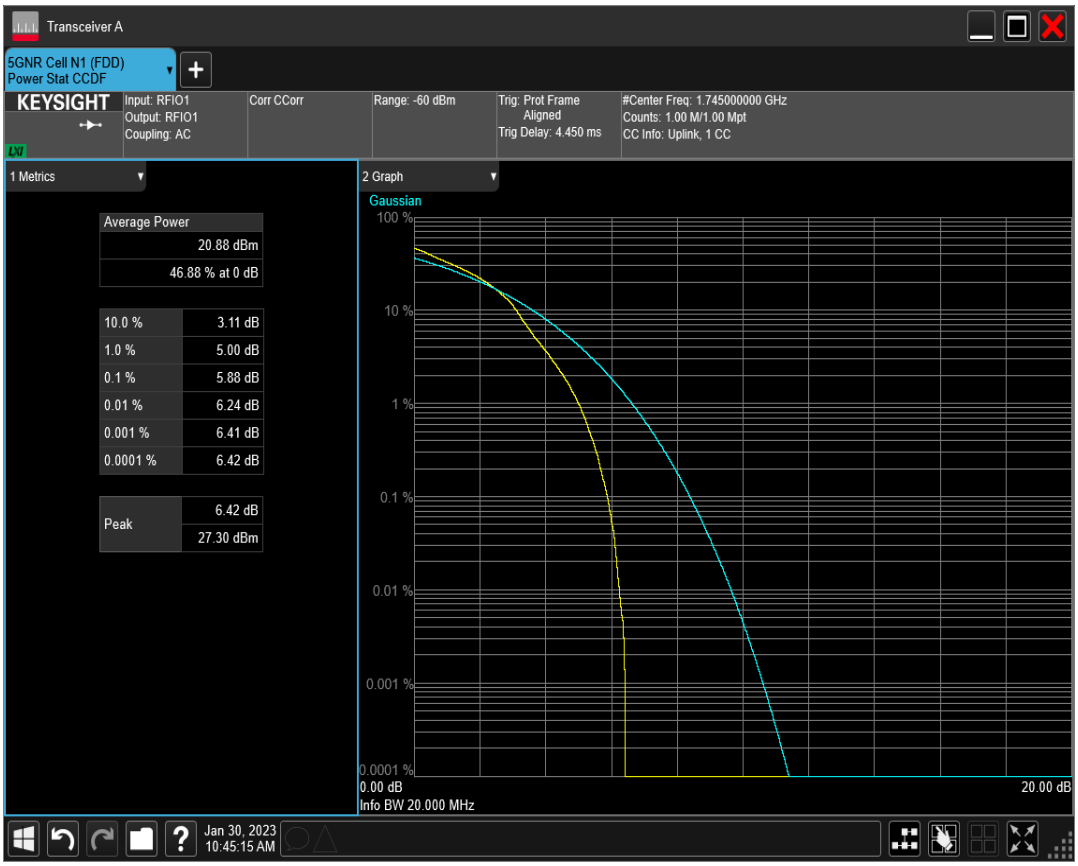
n66 SCS=30kHz DFT_BPSK BW=15MHz Channel=349000 RB=36@0



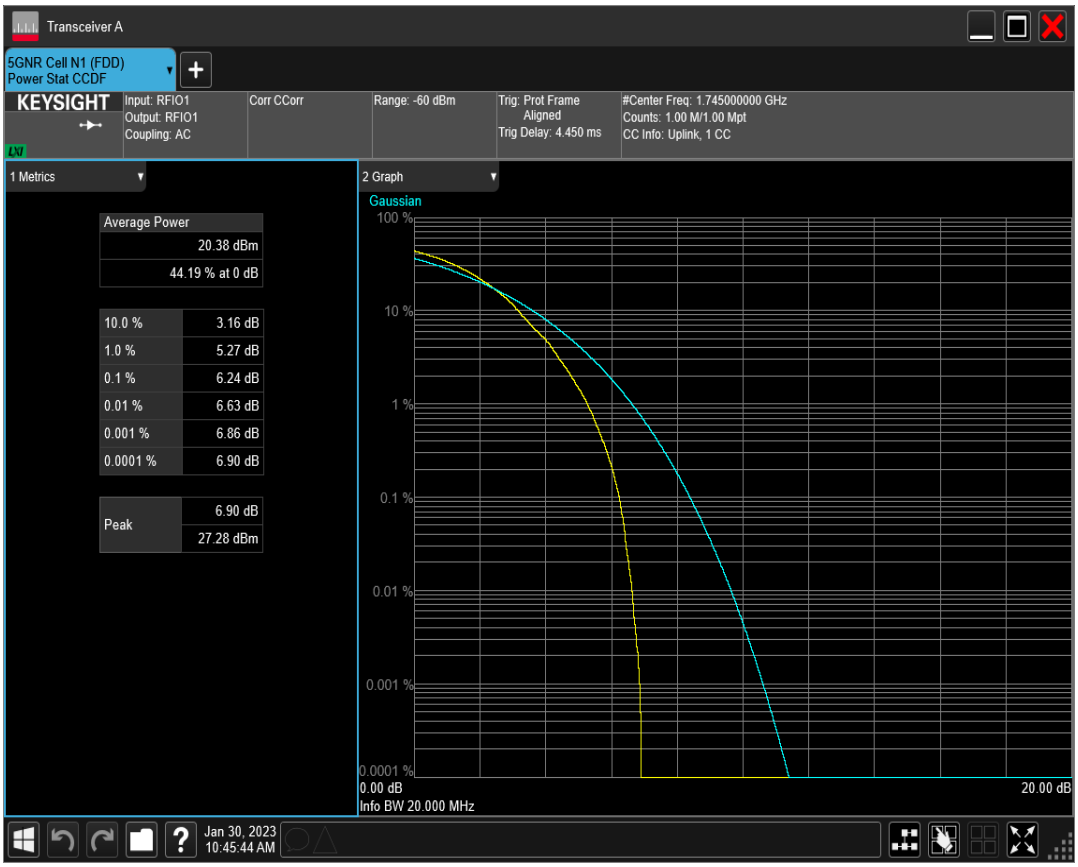
n66 SCS=30kHz DFT_QPSK BW=15MHz Channel=349000 RB=36@0



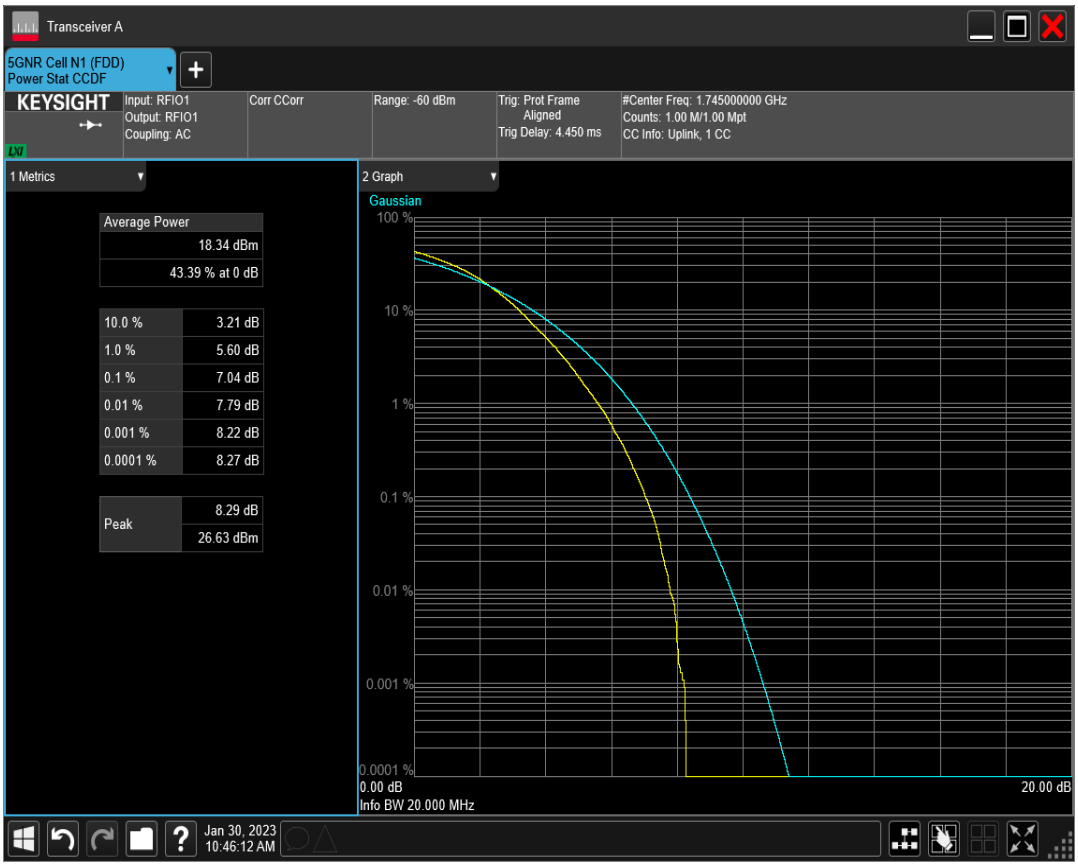
n66 SCS=30kHz DFT_QAM16 BW=15MHz Channel=349000 RB=36@0



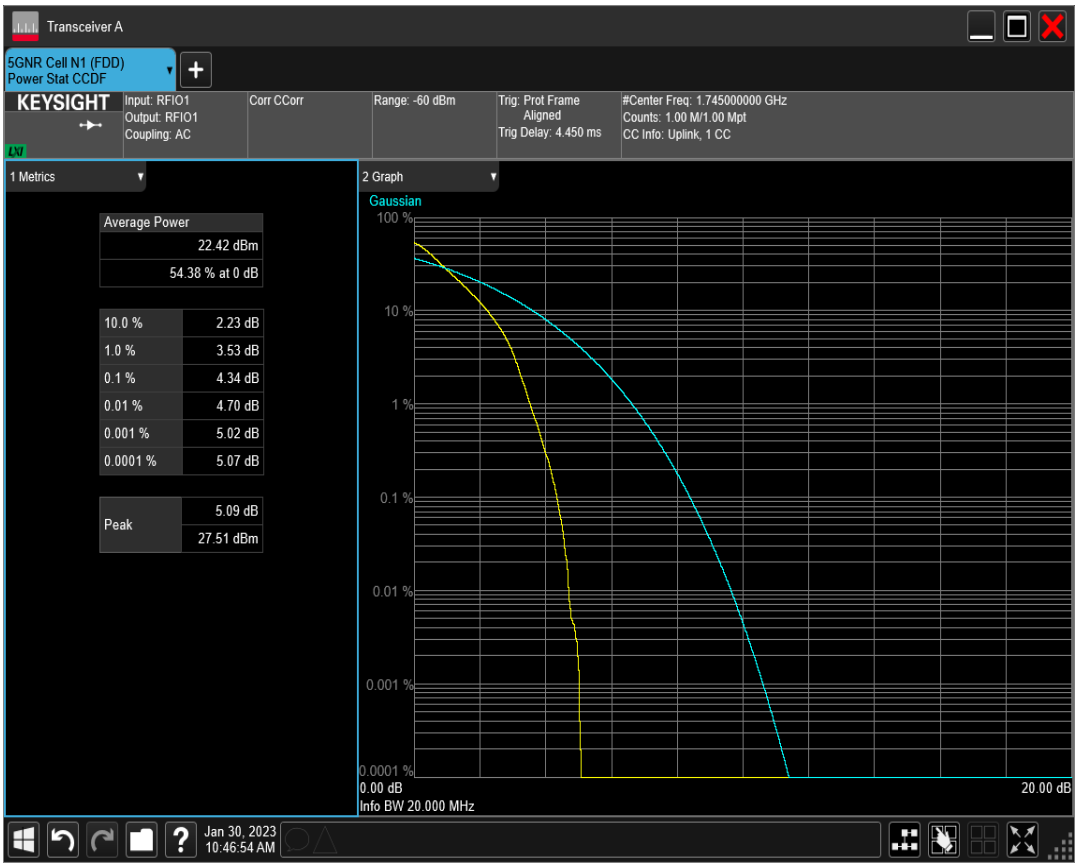
n66 SCS=30kHz DFT_QAM64 BW=15MHz Channel=349000 RB=36@0



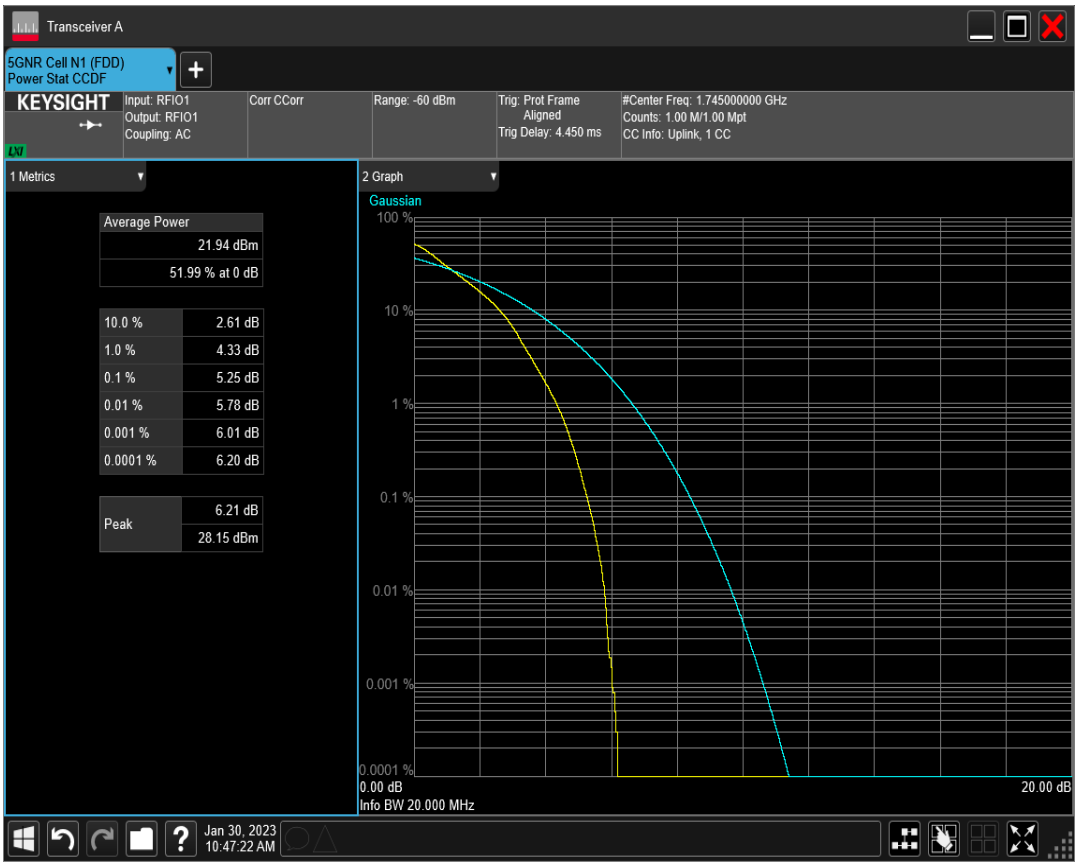
n66 SCS=30kHz DFT_QAM256 BW=15MHz Channel=349000 RB=36@0



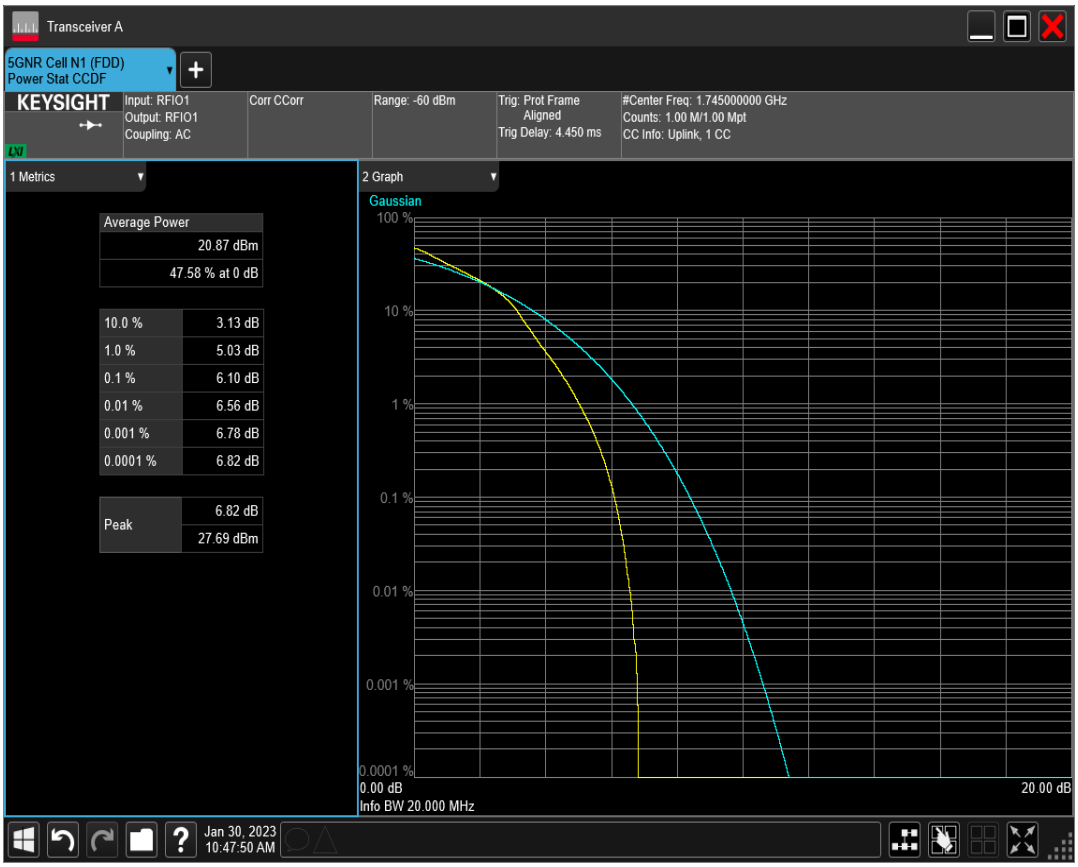
n66 SCS=30kHz DFT_BPSK BW=20MHz Channel=349000 RB=50@0



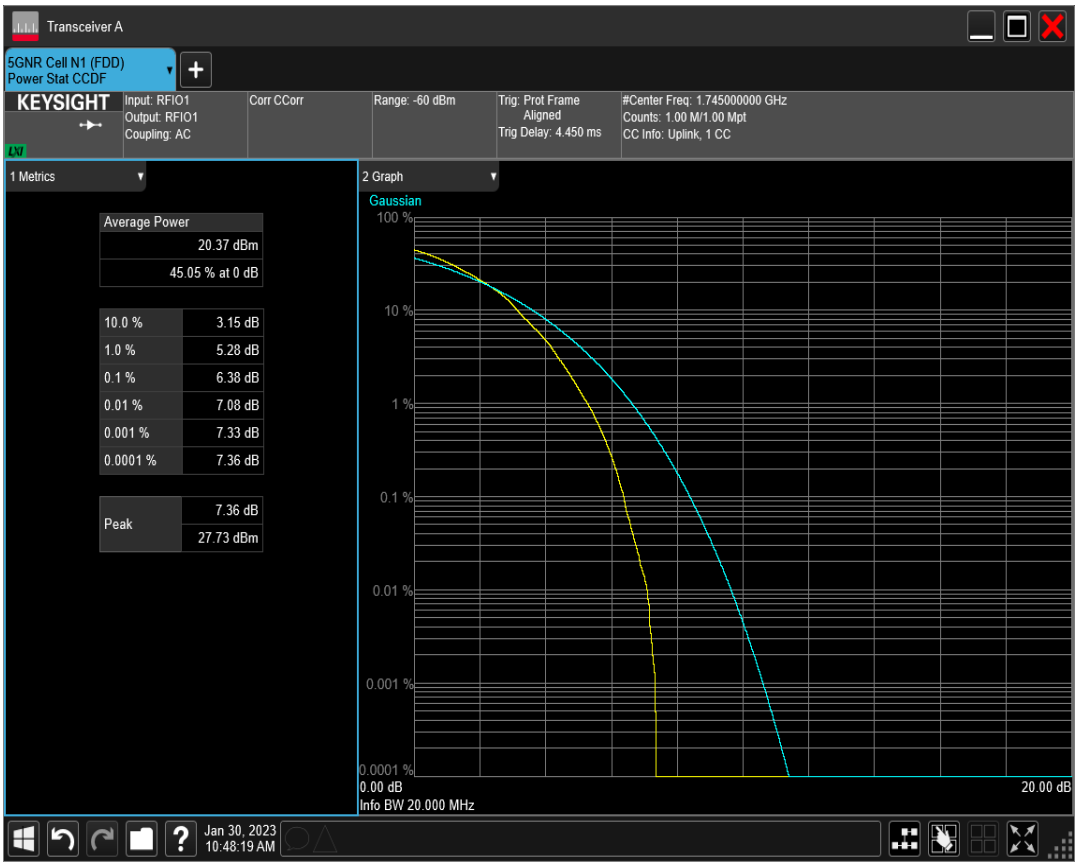
n66 SCS=30kHz DFT_QPSK BW=20MHz Channel=349000 RB=50@0



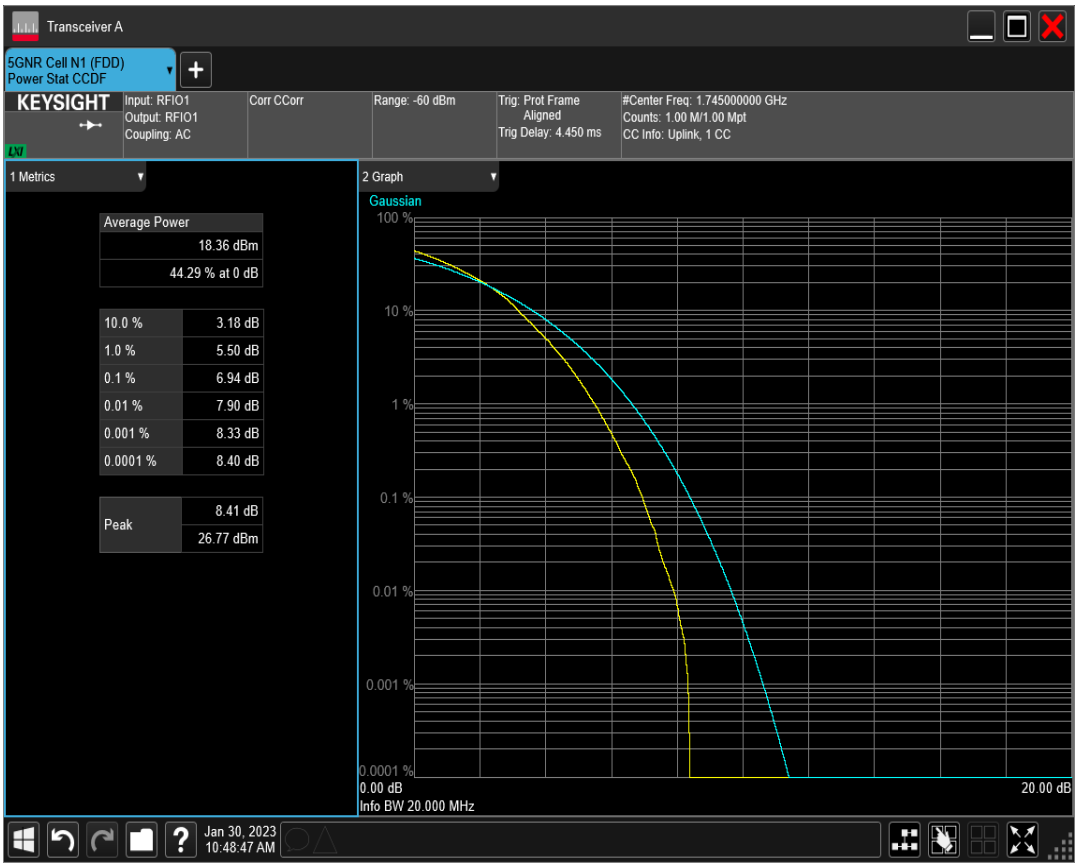
n66 SCS=30kHz DFT_QAM16 BW=20MHz Channel=349000 RB=50@0



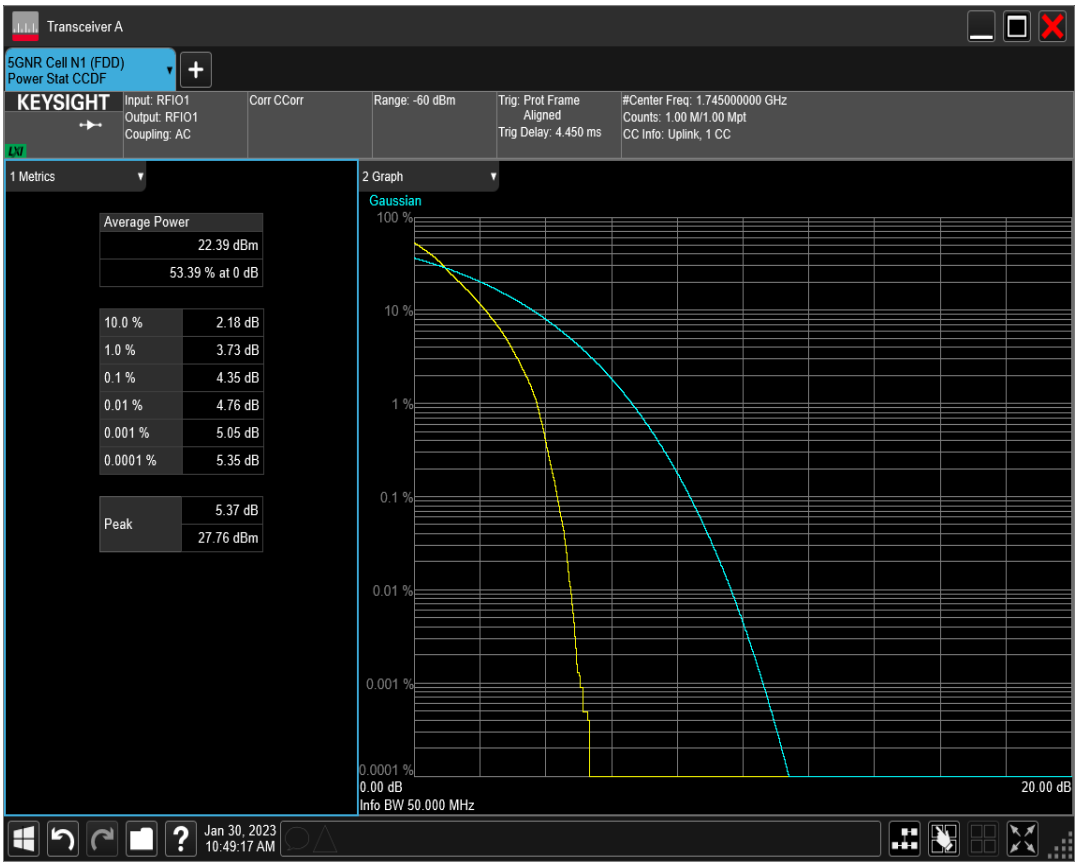
n66 SCS=30kHz DFT_QAM64 BW=20MHz Channel=349000 RB=50@0



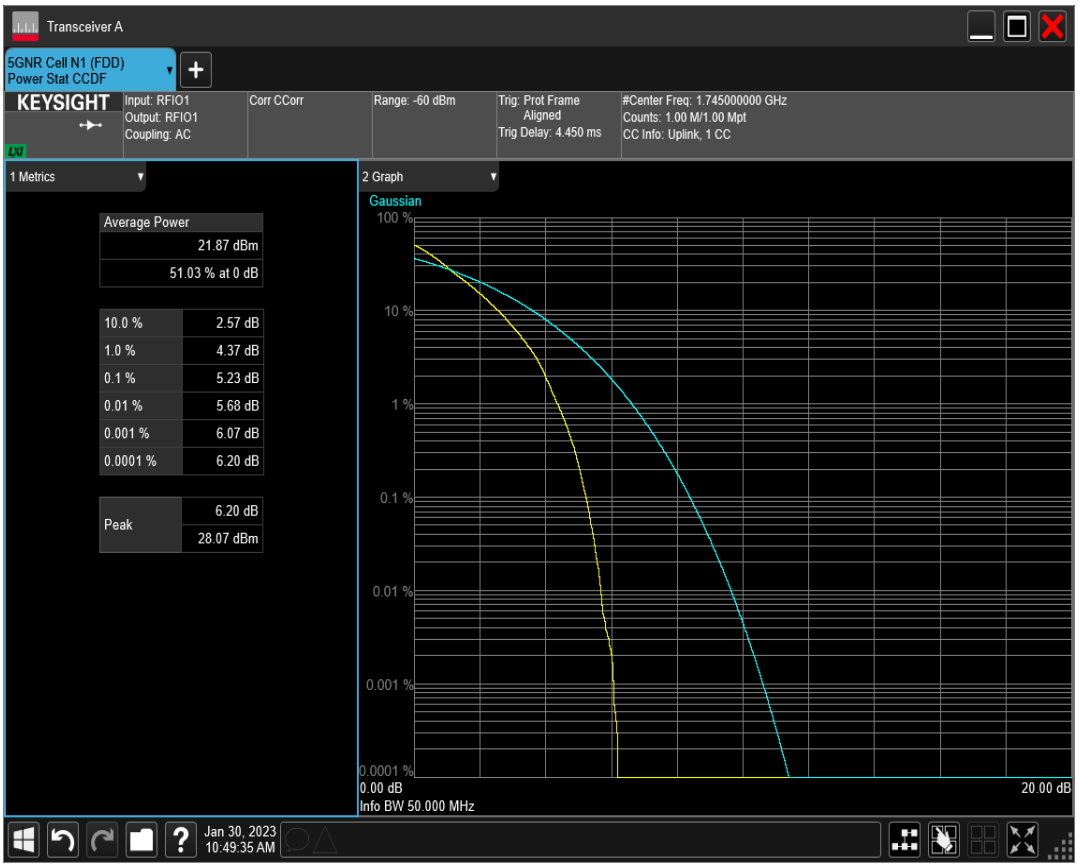
n66 SCS=30kHz DFT_QAM256 BW=20MHz Channel=349000 RB=50@0



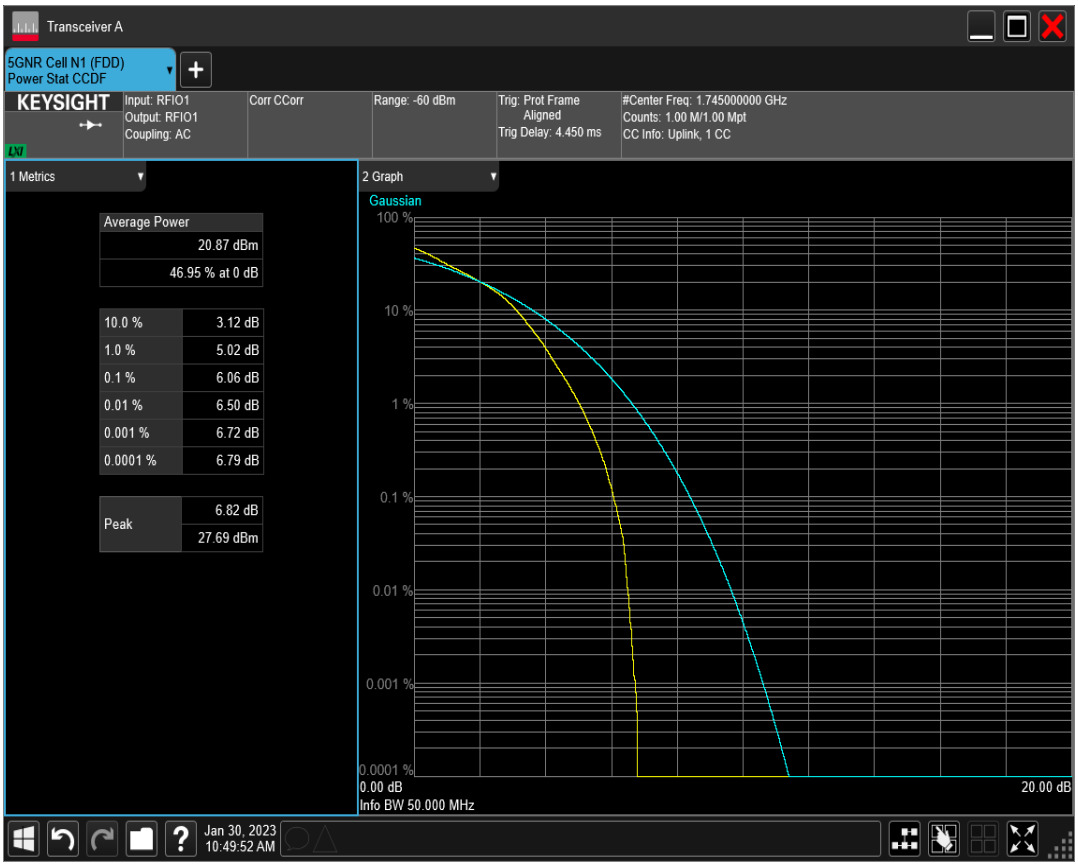
n66 SCS=30kHz DFT_BPSK BW=40MHz Channel=349000 RB=100@0



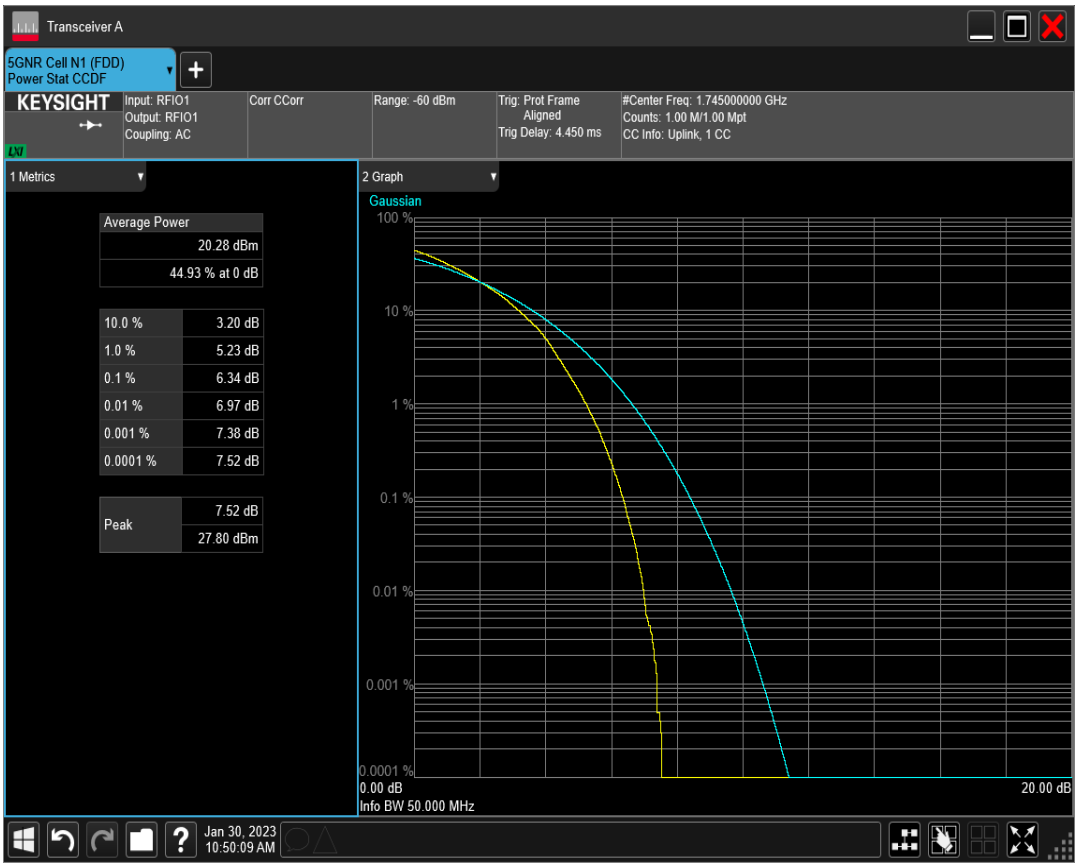
n66 SCS=30kHz DFT_QPSK BW=40MHz Channel=349000 RB=100@0



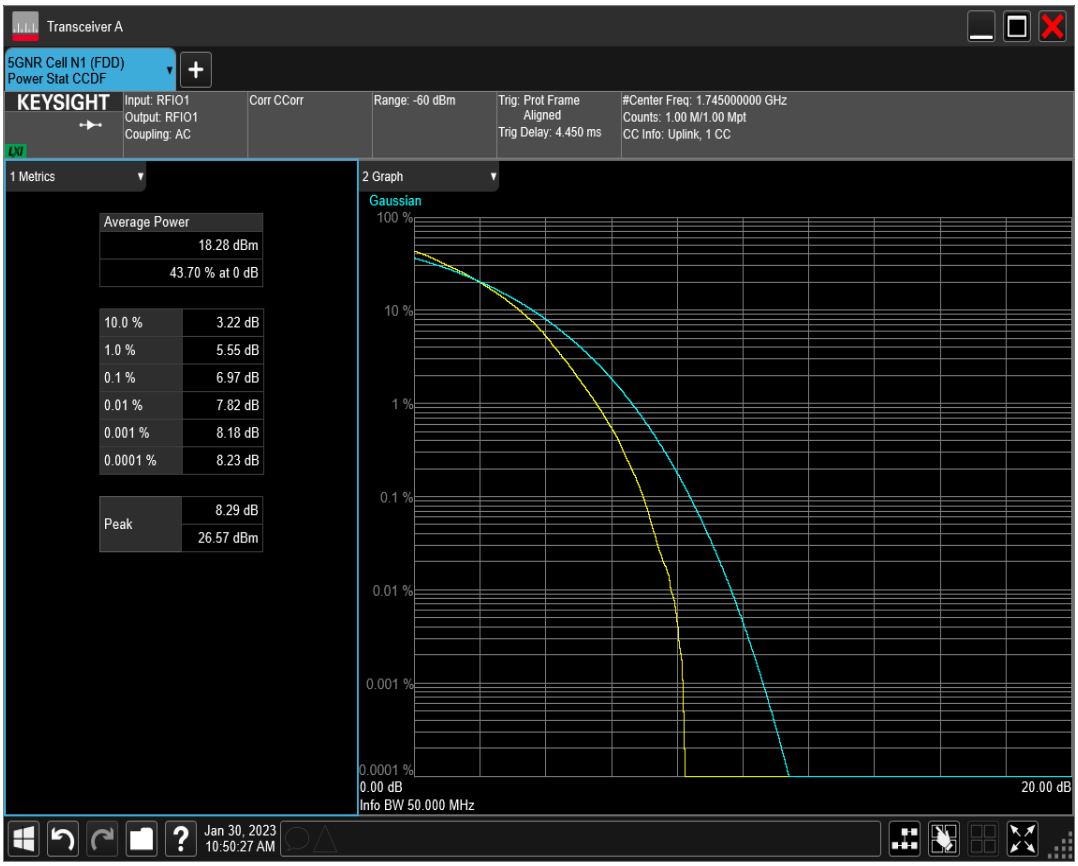
n66 SCS=30kHz DFT_QAM16 BW=40MHz Channel=349000 RB=100@0



n66 SCS=30kHz DFT_QAM64 BW=40MHz Channel=349000 RB=100@0



n66 SCS=30kHz DFT_QAM256 BW=40MHz Channel=349000 RB=100@0



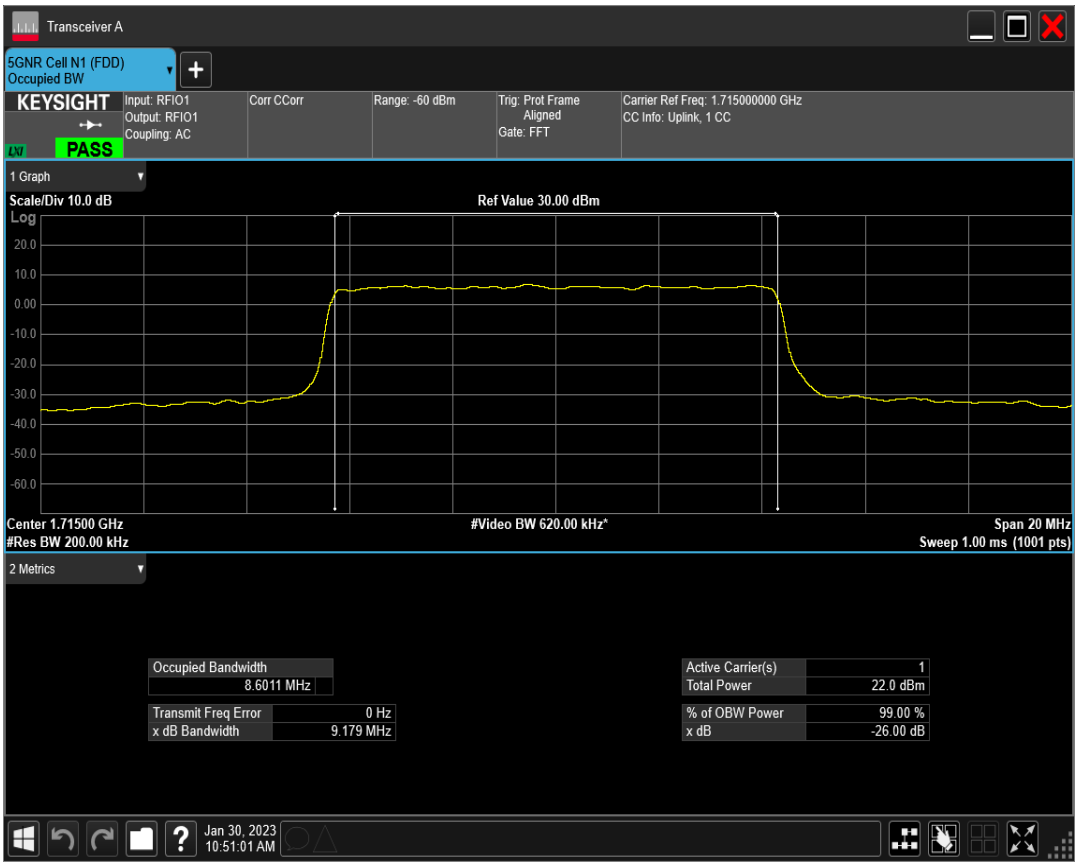
4 Occupied bandwidth for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n66	30	10	343000	24@0	DFT_BPSK	8.610	9.210	PASS
n66	30	10	343000	24@0	DFT_QPSK	8.600	9.180	PASS
n66	30	10	343000	24@0	DFT_QAM16	8.640	9.210	PASS
n66	30	10	343000	24@0	DFT_QAM64	8.650	9.230	PASS
n66	30	10	343000	24@0	DFT_QAM256	8.610	9.220	PASS
n66	30	10	343000	24@0	CP_QPSK	8.620	9.240	PASS
n66	30	10	349000	24@0	DFT_BPSK	8.640	9.200	PASS
n66	30	10	349000	24@0	DFT_QPSK	8.640	9.180	PASS
n66	30	10	349000	24@0	DFT_QAM16	8.620	9.220	PASS
n66	30	10	349000	24@0	DFT_QAM64	8.640	9.210	PASS
n66	30	10	349000	24@0	DFT_QAM256	8.640	9.260	PASS
n66	30	10	349000	24@0	CP_QPSK	8.640	9.270	PASS
n66	30	10	355000	24@0	DFT_BPSK	8.610	9.180	PASS
n66	30	10	355000	24@0	DFT_QPSK	8.610	9.200	PASS
n66	30	10	355000	24@0	DFT_QAM16	8.640	9.190	PASS
n66	30	10	355000	24@0	DFT_QAM64	8.620	9.160	PASS
n66	30	10	355000	24@0	DFT_QAM256	8.620	9.200	PASS
n66	30	10	355000	24@0	CP_QPSK	8.620	9.210	PASS
n66	30	15	343500	36@0	DFT_BPSK	13.460	13.750	PASS
n66	30	15	343500	36@0	DFT_QPSK	13.400	13.680	PASS
n66	30	15	343500	36@0	DFT_QAM16	13.460	13.730	PASS
n66	30	15	343500	36@0	DFT_QAM64	13.460	13.730	PASS
n66	30	15	343500	36@0	DFT_QAM256	13.510	13.750	PASS
n66	30	15	343500	38@0	CP_QPSK	13.640	14.460	PASS
n66	30	15	349000	36@0	DFT_BPSK	13.520	13.780	PASS
n66	30	15	349000	36@0	DFT_QPSK	13.510	13.690	PASS
n66	30	15	349000	36@0	DFT_QAM16	13.510	13.750	PASS
n66	30	15	349000	36@0	DFT_QAM64	13.510	13.730	PASS
n66	30	15	349000	36@0	DFT_QAM256	13.470	13.730	PASS
n66	30	15	349000	38@0	CP_QPSK	13.650	14.510	PASS
n66	30	15	354500	36@0	DFT_BPSK	13.520	13.730	PASS
n66	30	15	354500	36@0	DFT_QPSK	13.460	13.700	PASS
n66	30	15	354500	36@0	DFT_QAM16	13.470	13.740	PASS
n66	30	15	354500	36@0	DFT_QAM64	13.510	13.720	PASS
n66	30	15	354500	36@0	DFT_QAM256	13.570	13.720	PASS
n66	30	15	354500	38@0	CP_QPSK	13.640	14.450	PASS
n66	30	20	344000	50@0	DFT_BPSK	18.030	18.920	PASS
n66	30	20	344000	50@0	DFT_QPSK	18.040	18.890	PASS

n66	30	20	344000	50@0	DFT_QAM16	18.040	18.930	PASS
n66	30	20	344000	50@0	DFT_QAM64	18.030	18.930	PASS
n66	30	20	344000	50@0	DFT_QAM256	18.030	18.930	PASS
n66	30	20	344000	51@0	CP_QPSK	18.270	19.340	PASS
n66	30	20	349000	50@0	DFT_BPSK	18.100	18.930	PASS
n66	30	20	349000	50@0	DFT_QPSK	18.100	18.920	PASS
n66	30	20	349000	50@0	DFT_QAM16	18.160	18.920	PASS
n66	30	20	349000	50@0	DFT_QAM64	18.100	18.920	PASS
n66	30	20	349000	50@0	DFT_QAM256	18.160	18.940	PASS
n66	30	20	349000	51@0	CP_QPSK	18.330	19.360	PASS
n66	30	20	354000	50@0	DFT_BPSK	18.100	18.910	PASS
n66	30	20	354000	50@0	DFT_QPSK	18.090	18.900	PASS
n66	30	20	354000	50@0	DFT_QAM16	18.120	18.900	PASS
n66	30	20	354000	50@0	DFT_QAM64	18.090	18.910	PASS
n66	30	20	354000	50@0	DFT_QAM256	18.110	18.930	PASS
n66	30	20	354000	51@0	CP_QPSK	18.270	19.340	PASS
n66	30	40	346000	100@0	DFT_BPSK	37.490	37.850	PASS
n66	30	40	346000	100@0	DFT_QPSK	37.440	37.810	PASS
n66	30	40	346000	100@0	DFT_QAM16	37.600	37.840	PASS
n66	30	40	346000	100@0	DFT_QAM64	37.480	37.840	PASS
n66	30	40	346000	100@0	DFT_QAM256	37.510	37.850	PASS
n66	30	40	346000	106@0	CP_QPSK	37.960	40.040	PASS
n66	30	40	349000	100@0	DFT_BPSK	37.640	37.890	PASS
n66	30	40	349000	100@0	DFT_QPSK	37.650	37.890	PASS
n66	30	40	349000	100@0	DFT_QAM16	37.770	37.860	PASS
n66	30	40	349000	100@0	DFT_QAM64	37.660	37.880	PASS
n66	30	40	349000	100@0	DFT_QAM256	37.680	37.870	PASS
n66	30	40	349000	106@0	CP_QPSK	38.100	40.100	PASS
n66	30	40	352000	100@0	DFT_BPSK	37.650	37.850	PASS
n66	30	40	352000	100@0	DFT_QPSK	37.610	37.870	PASS
n66	30	40	352000	100@0	DFT_QAM16	37.650	37.850	PASS
n66	30	40	352000	100@0	DFT_QAM64	37.620	37.920	PASS
n66	30	40	352000	100@0	DFT_QAM256	37.630	37.870	PASS
n66	30	40	352000	106@0	CP_QPSK	37.980	40.060	PASS

n66 SCS=30kHz DFT_BPSK BW=10MHz Channel=343000 RB=24@0

n66 SCS=30kHz DFT_QPSK BW=10MHz Channel=343000 RB=24@0



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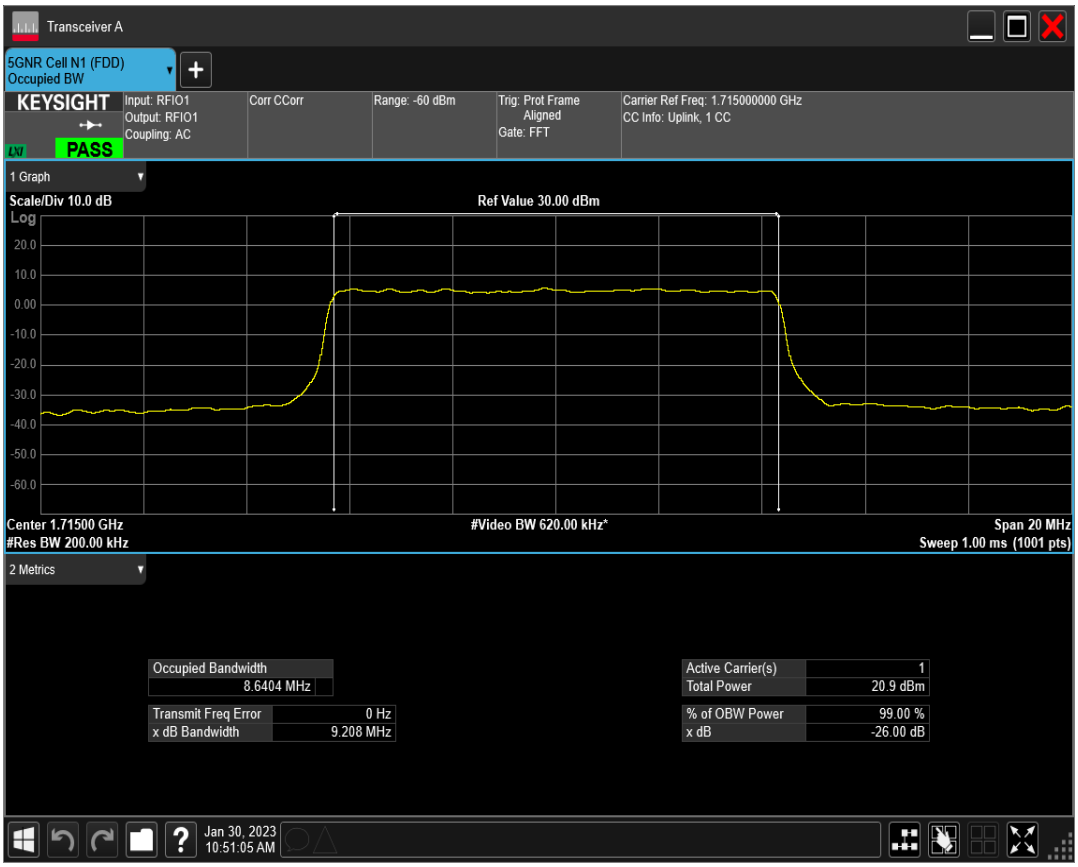

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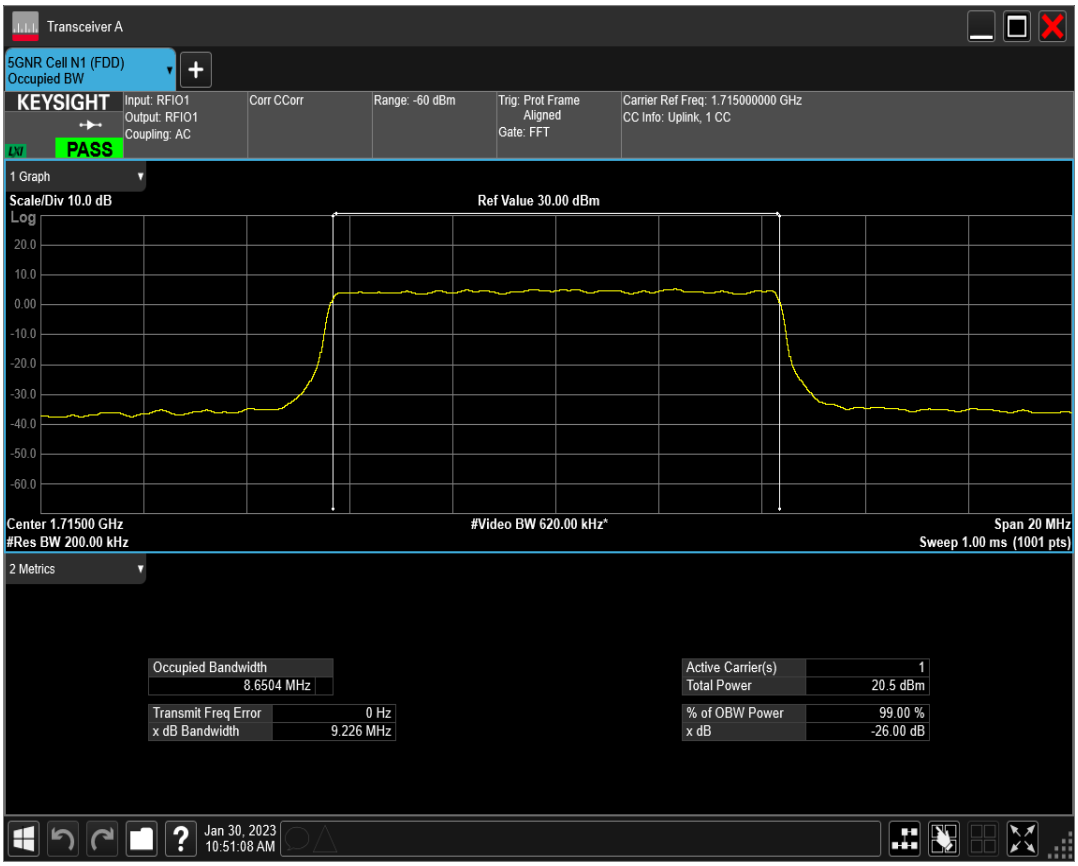

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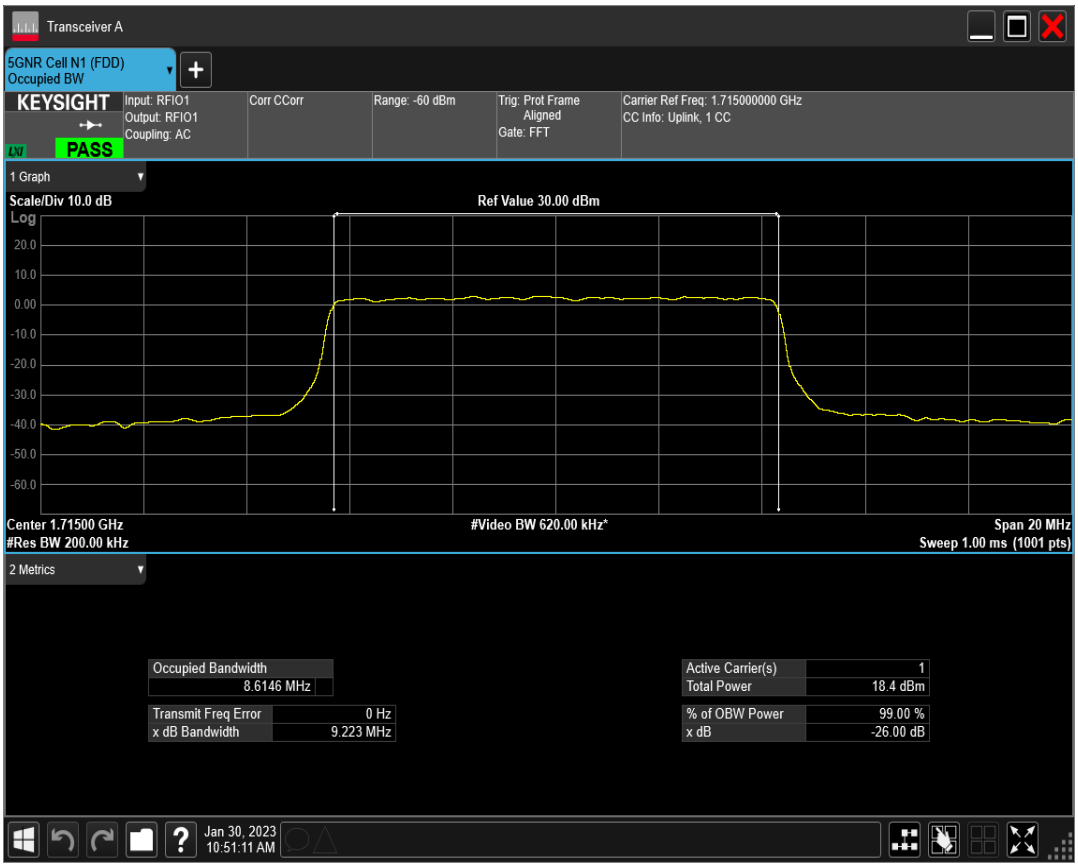
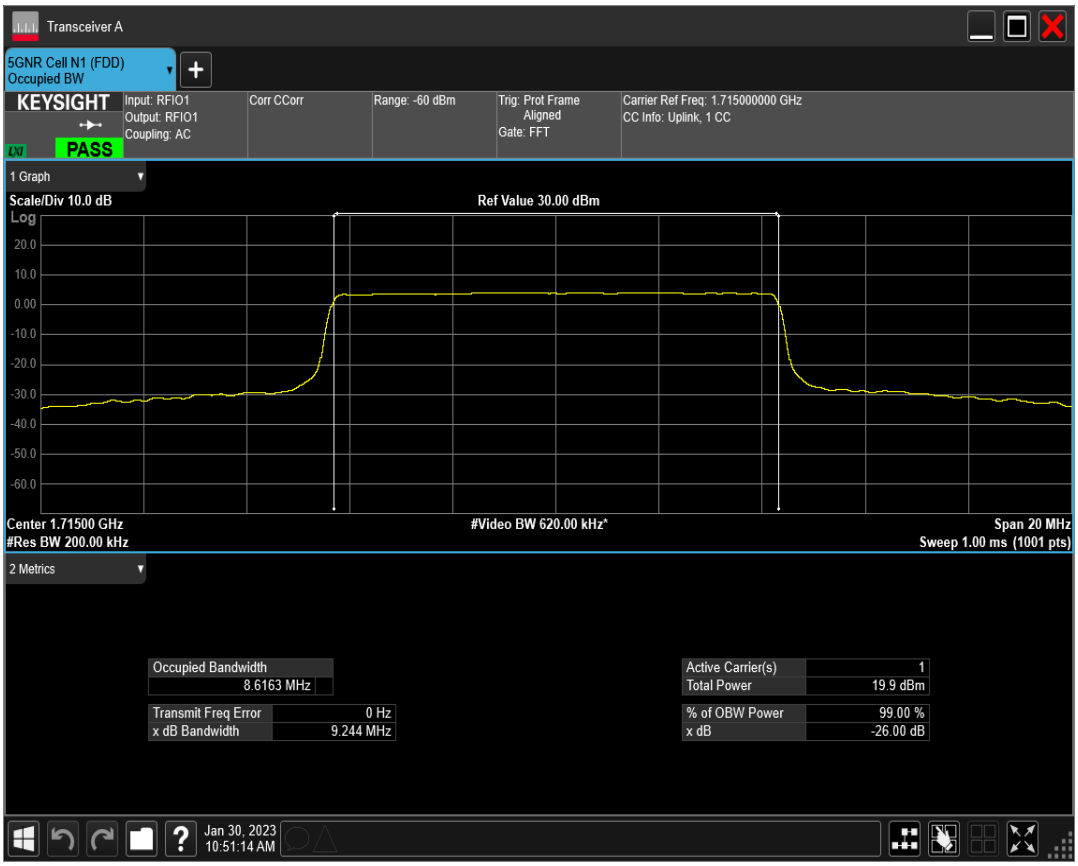
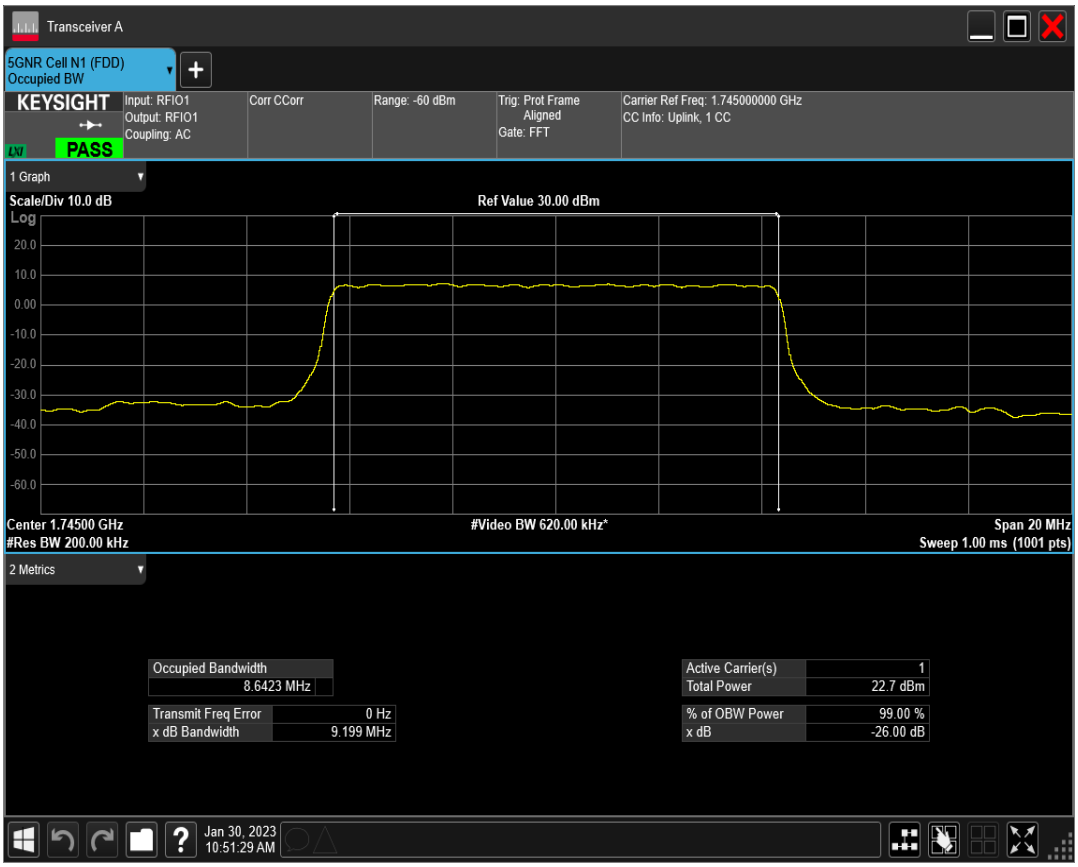


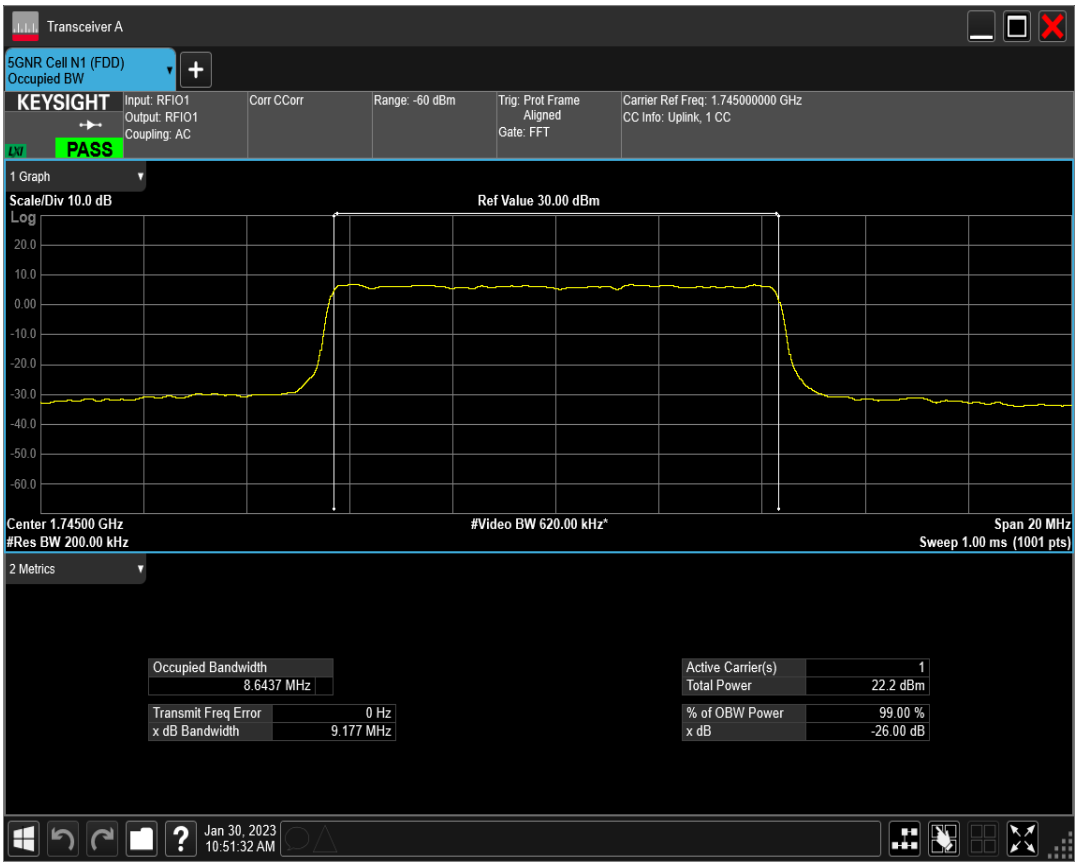
n66 SCS=30kHz CP_QPSK BW=10MHz Channel=343000 RB=24@0



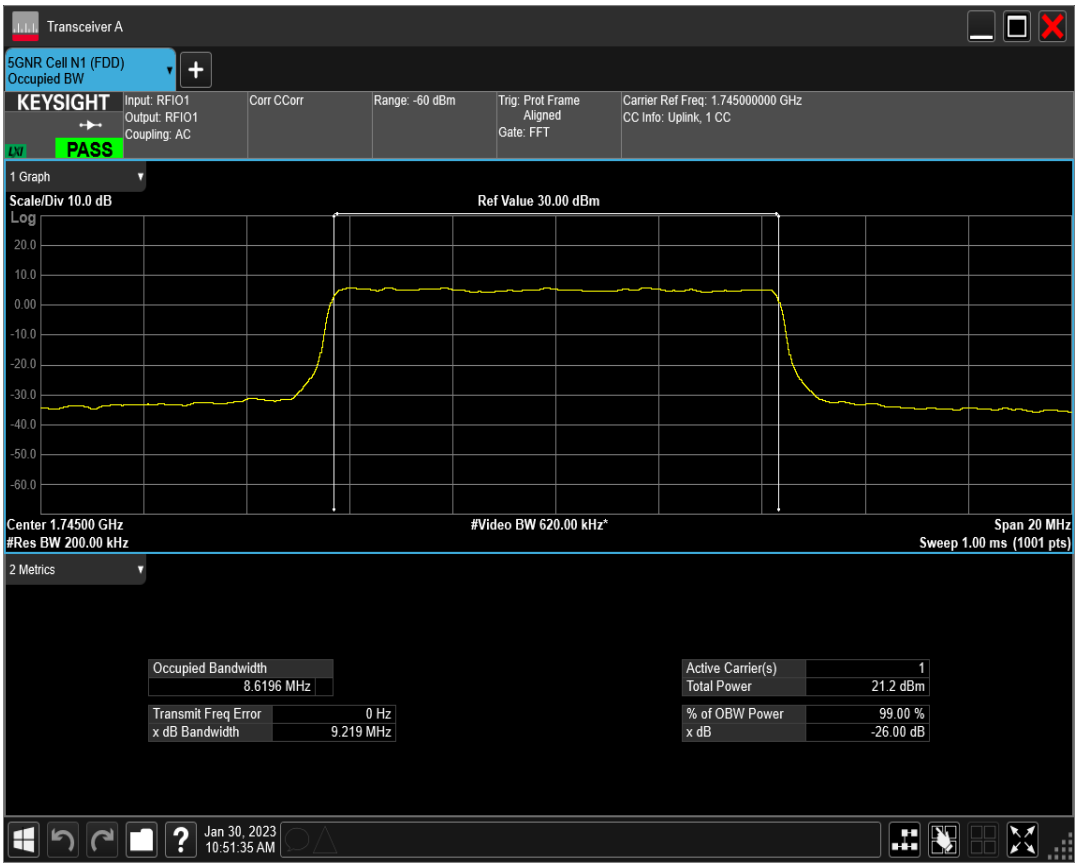
n66 SCS=30kHz DFT_BPSK BW=10MHz Channel=349000 RB=24@0



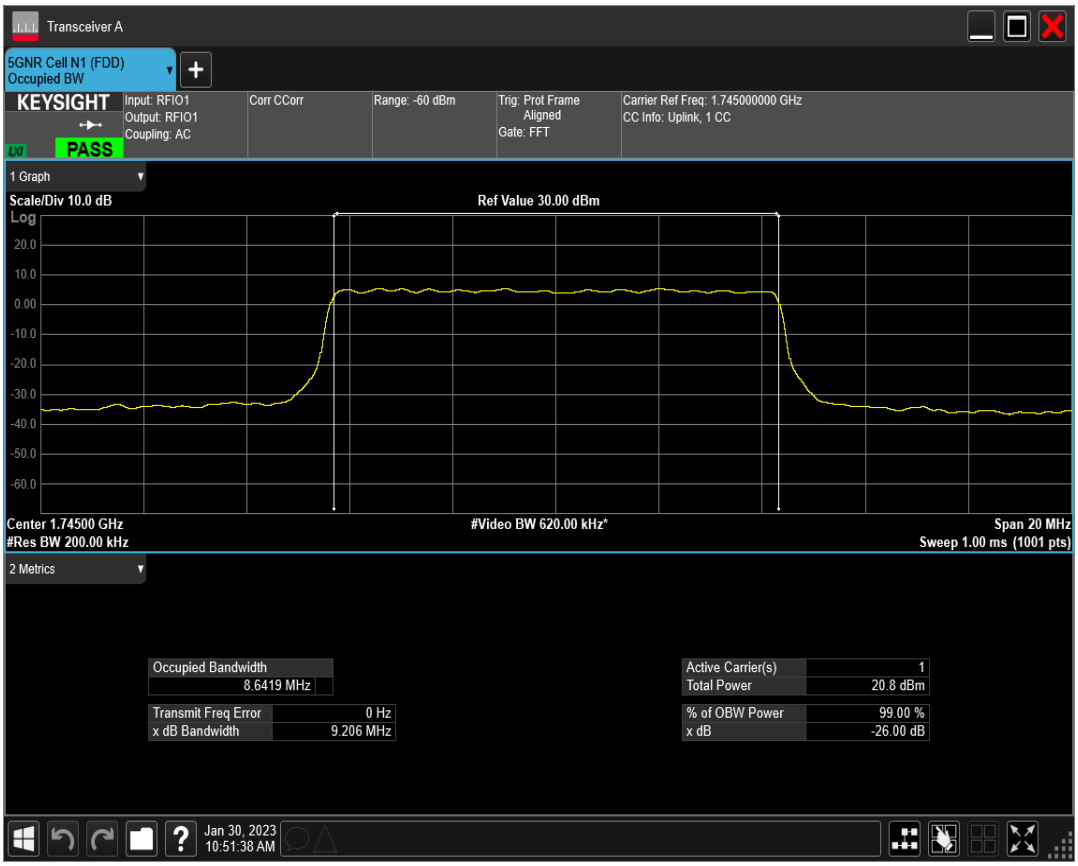
n66 SCS=30kHz DFT_QPSK BW=10MHz Channel=349000 RB=24@0



n66 SCS=30kHz DFT_QAM16 BW=10MHz Channel=349000 RB=24@0



n66 SCS=30kHz DFT_QAM64 BW=10MHz Channel=349000 RB=24@0



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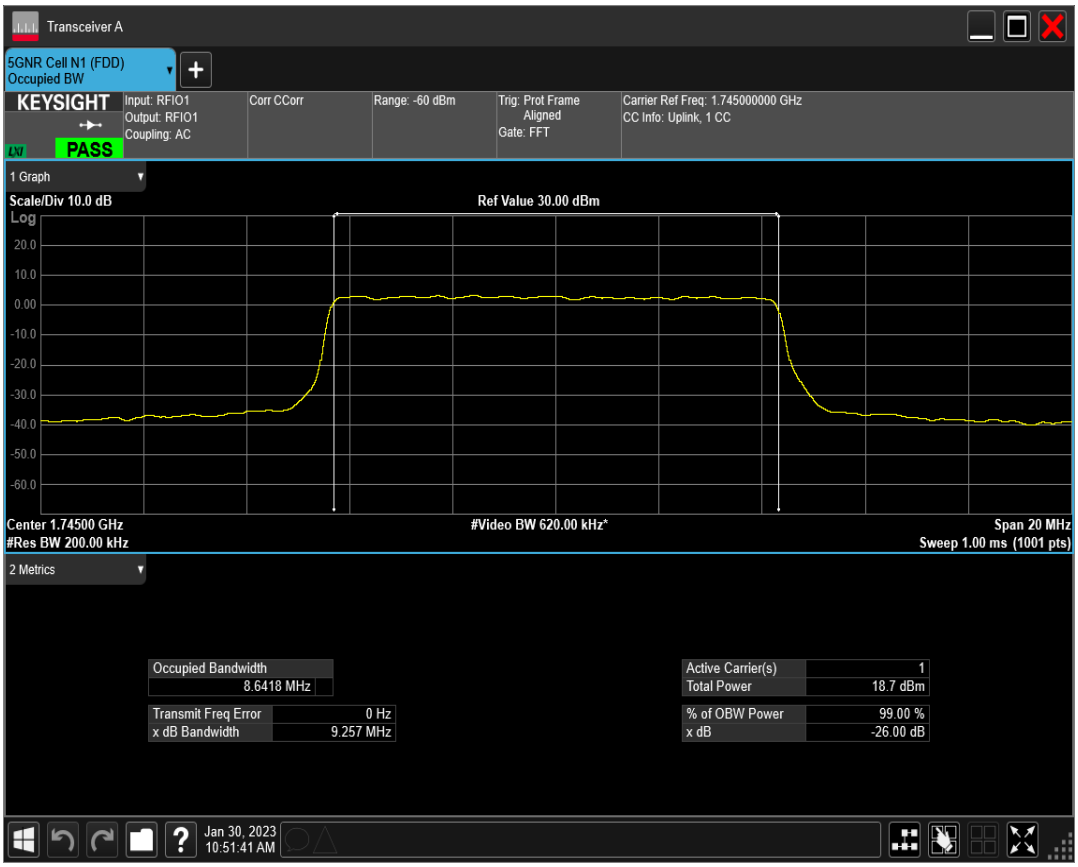
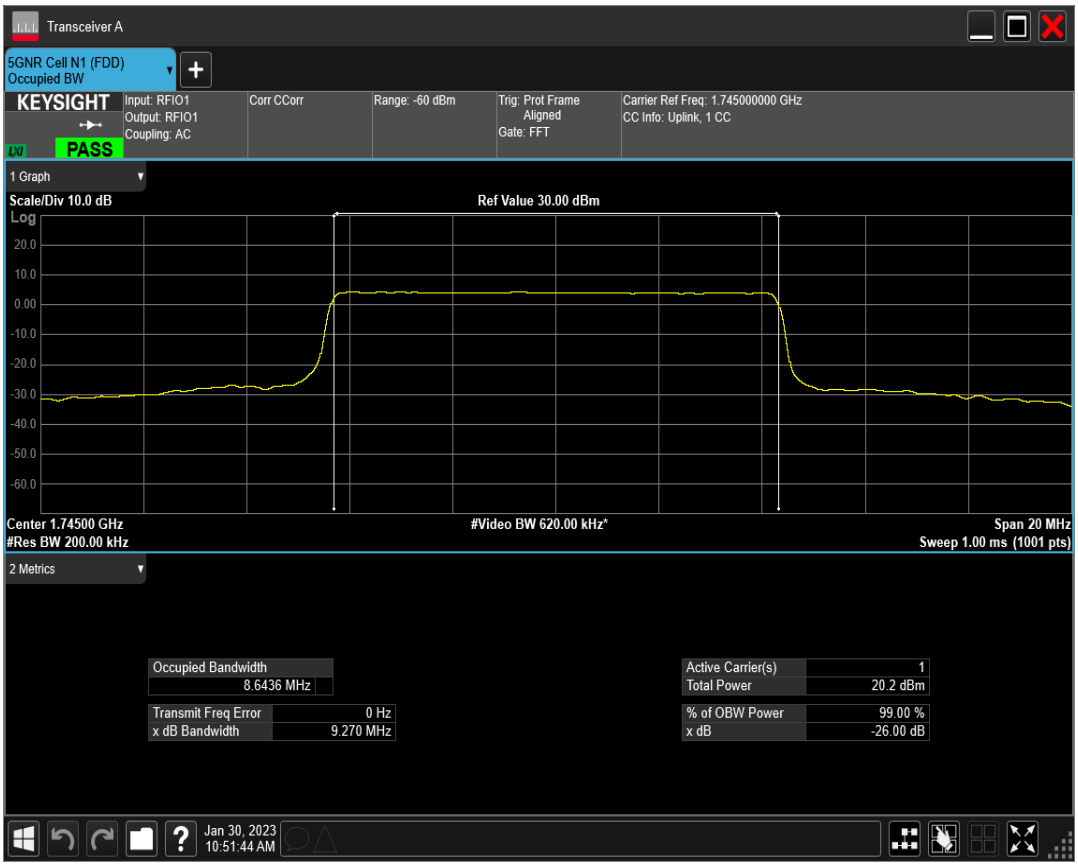
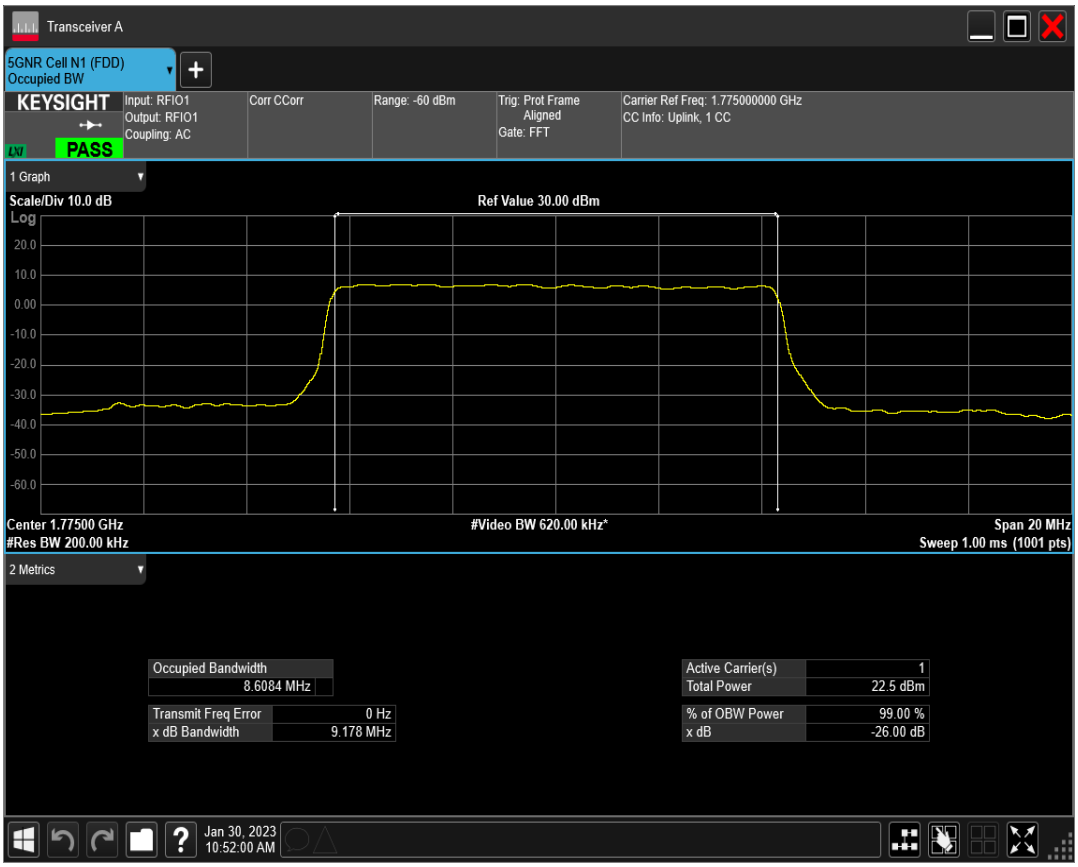


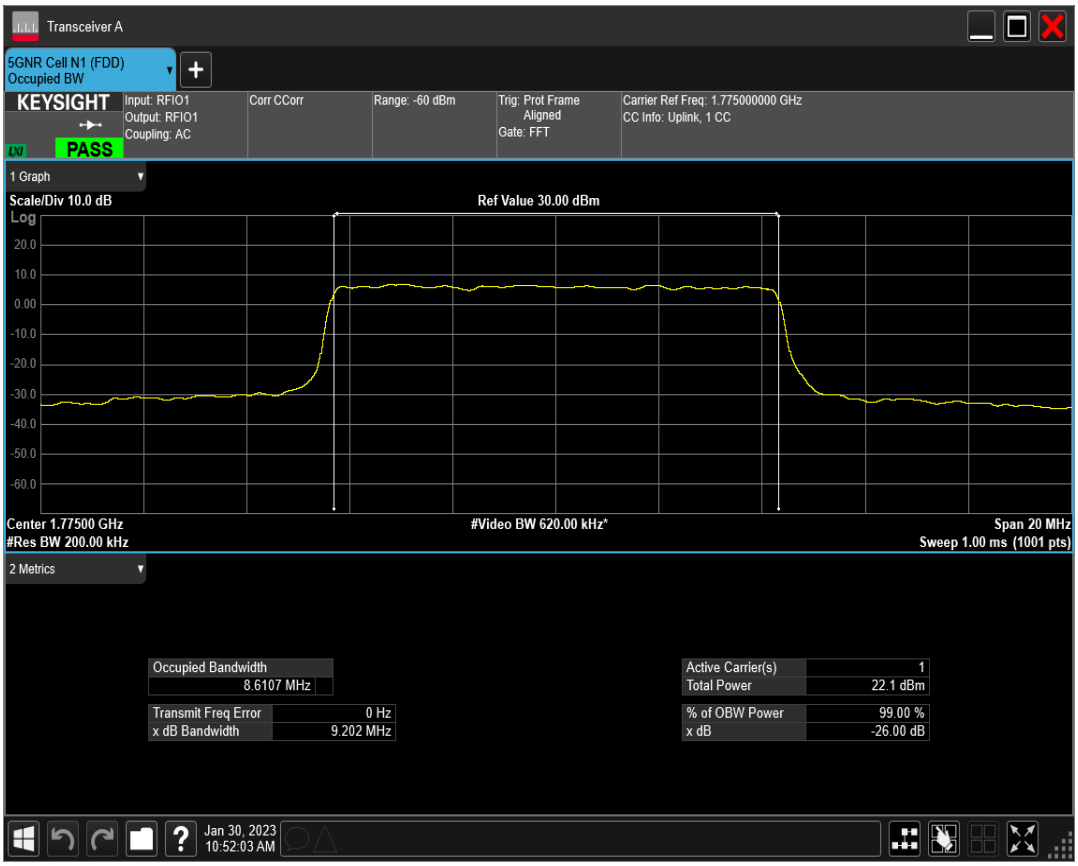
n66 SCS=30kHz CP_QPSK BW=10MHz Channel=349000 RB=24@0



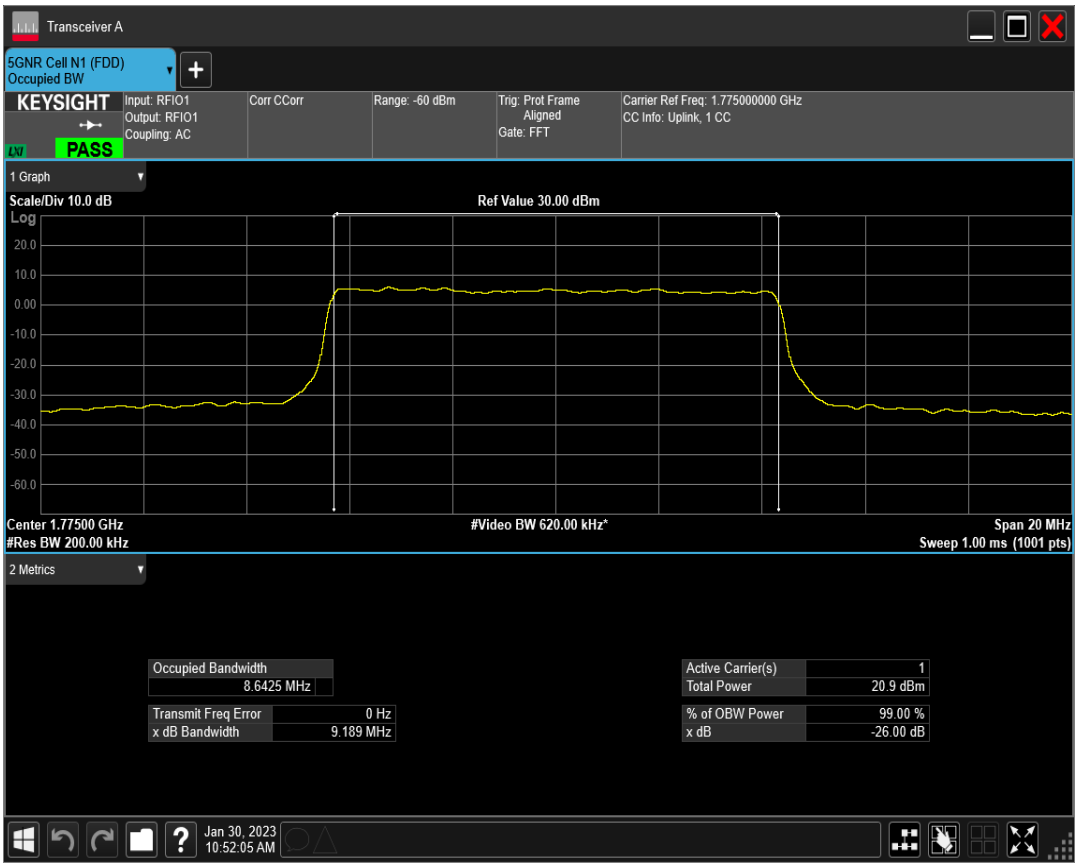
n66 SCS=30kHz DFT_BPSK BW=10MHz Channel=355000 RB=24@0



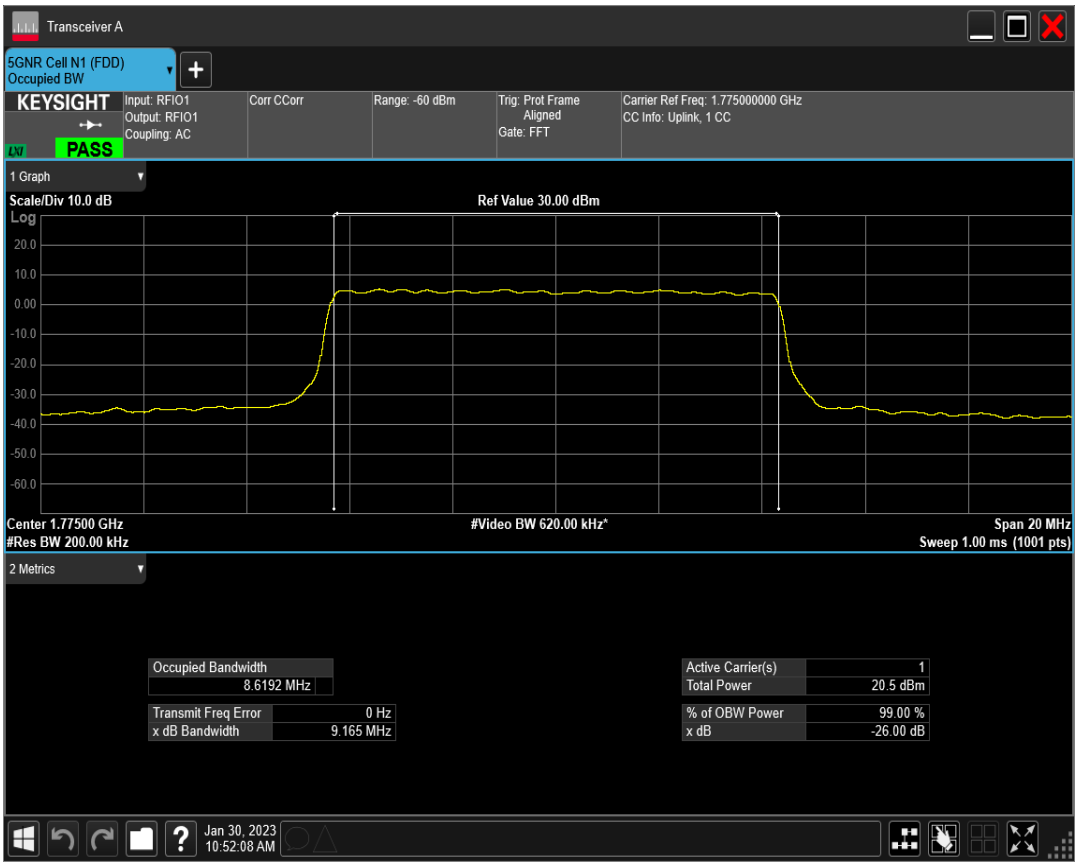
n66 SCS=30kHz DFT_QPSK BW=10MHz Channel=355000 RB=24@0



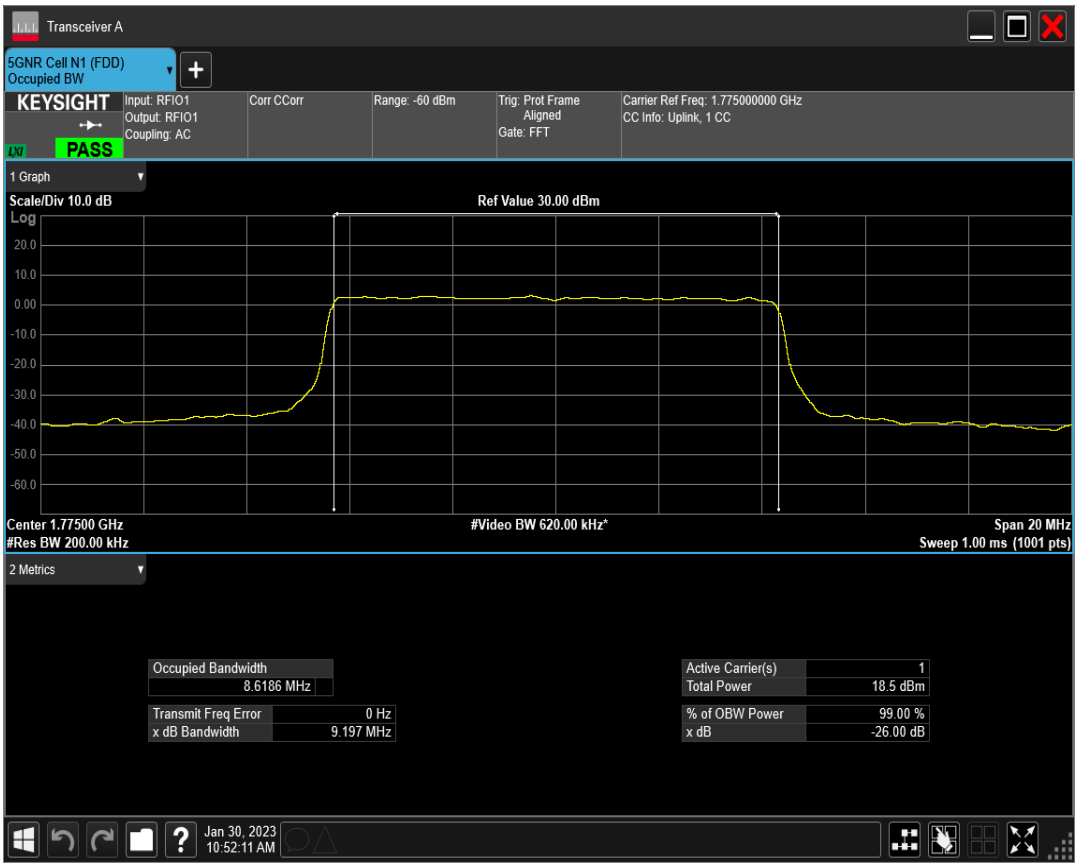
n66 SCS=30kHz DFT_QAM16 BW=10MHz Channel=355000 RB=24@0



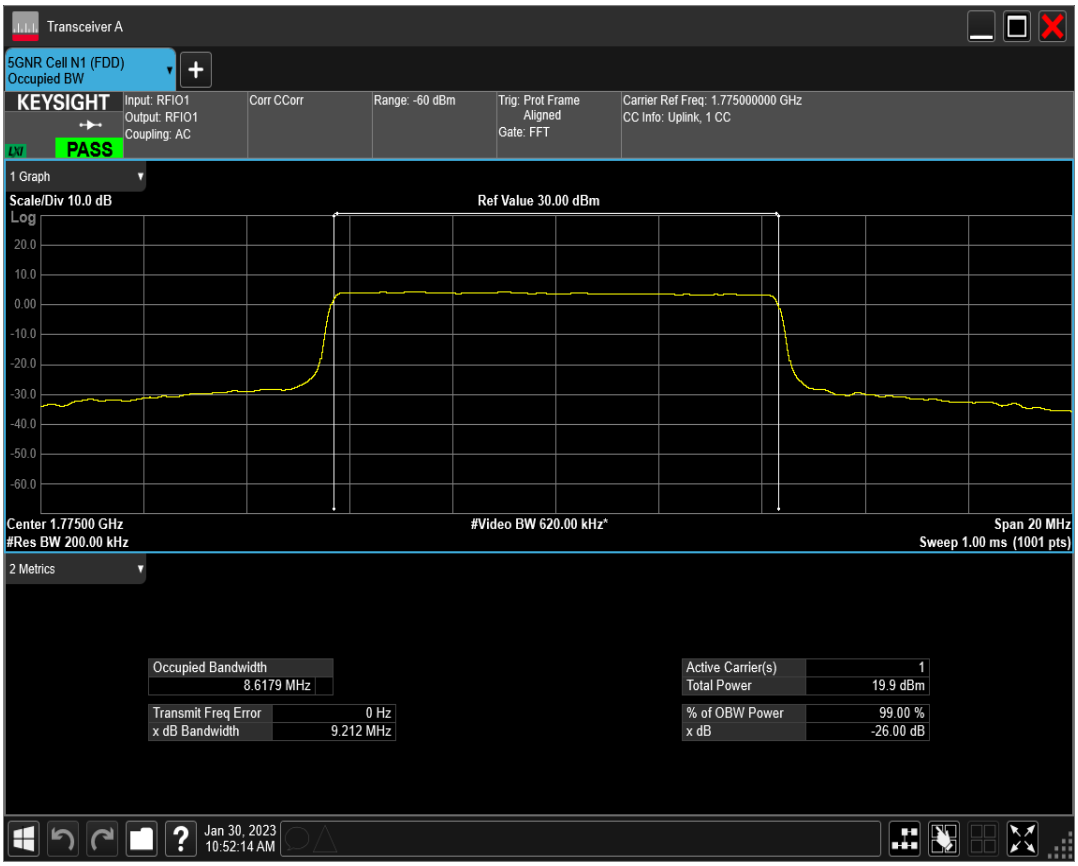
n66 SCS=30kHz DFT_QAM64 BW=10MHz Channel=355000 RB=24@0



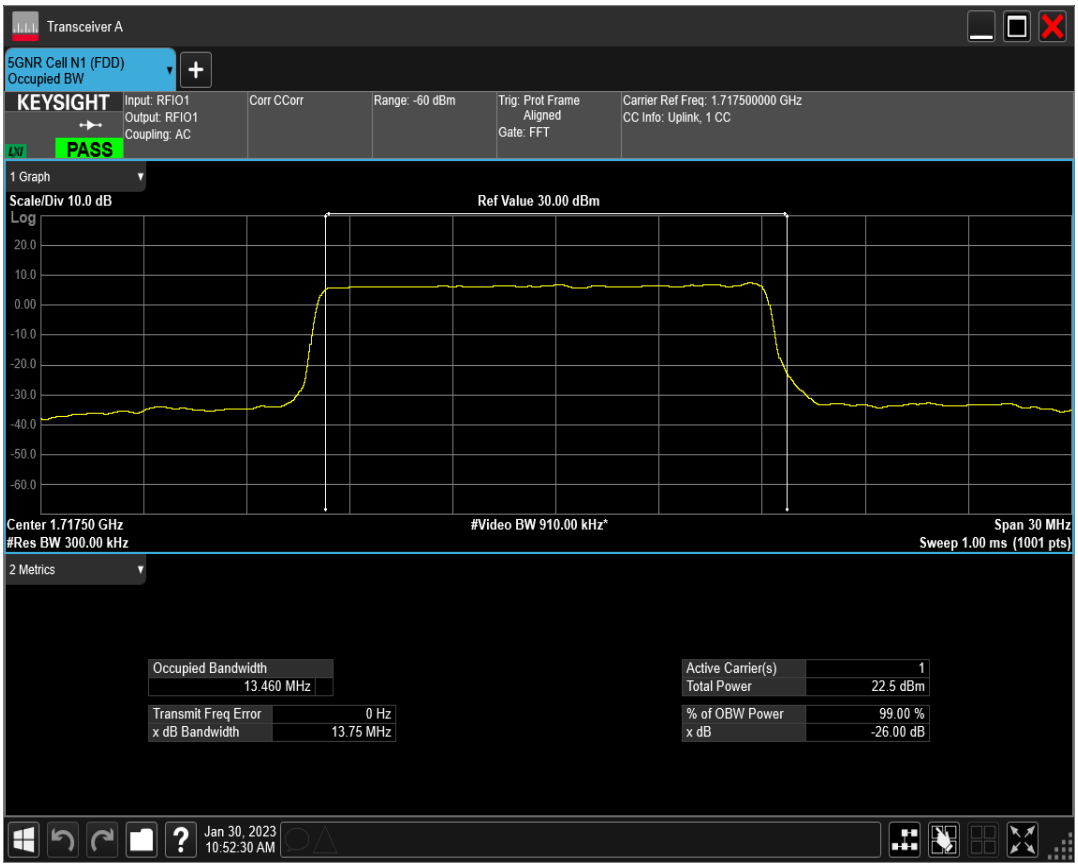
n66 SCS=30kHz DFT_QAM256 BW=10MHz Channel=355000 RB=24@0



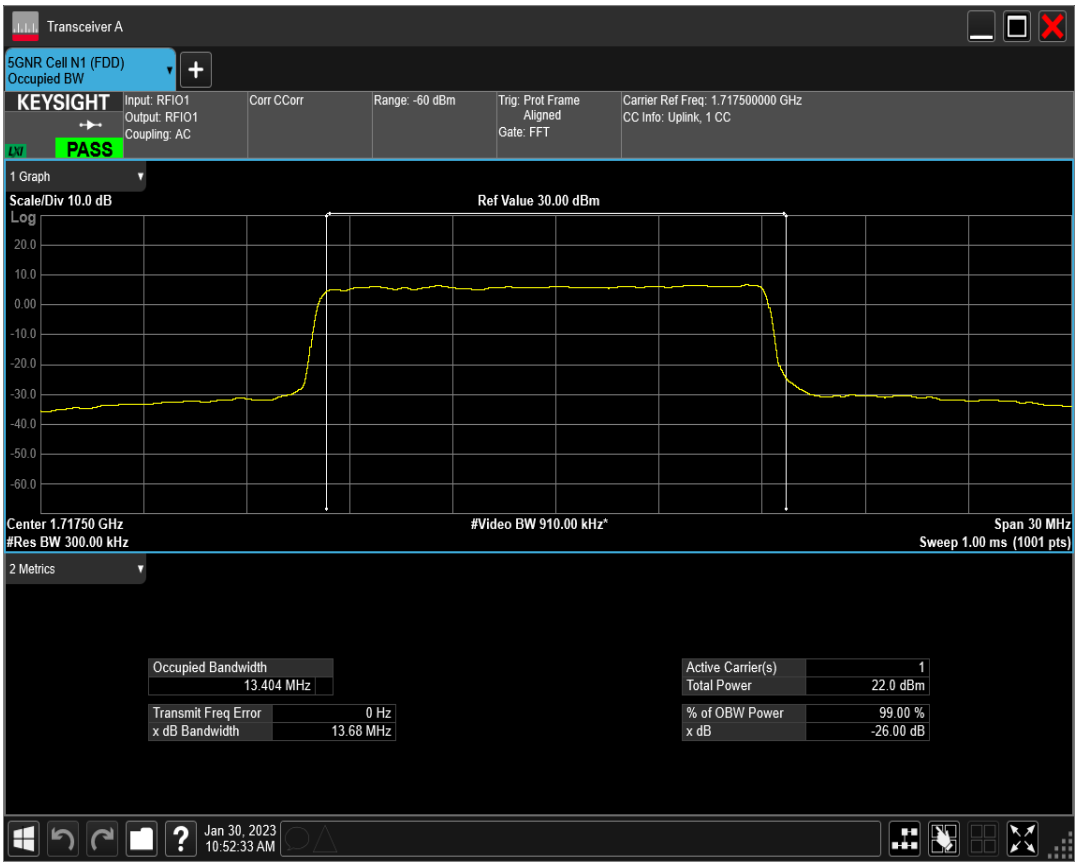
n66 SCS=30kHz CP_QPSK BW=10MHz Channel=355000 RB=24@0



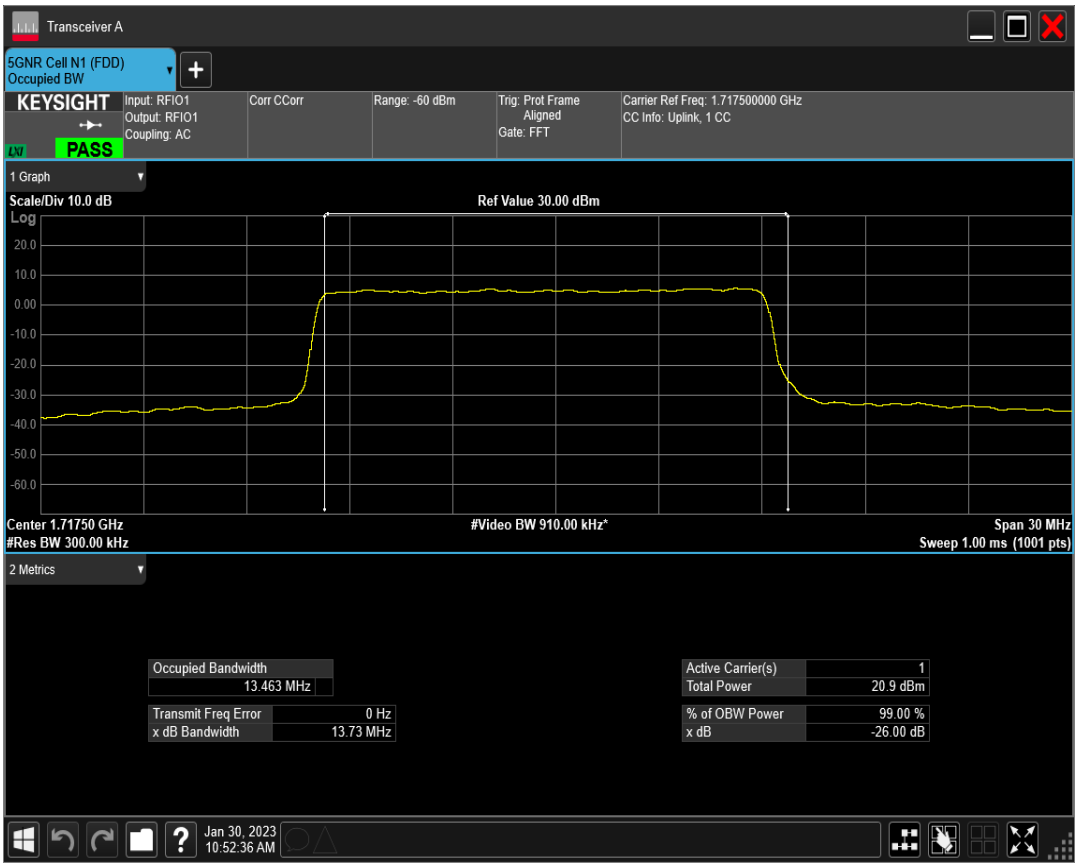
n66 SCS=30kHz DFT_BPSK BW=15MHz Channel=343500 RB=36@0



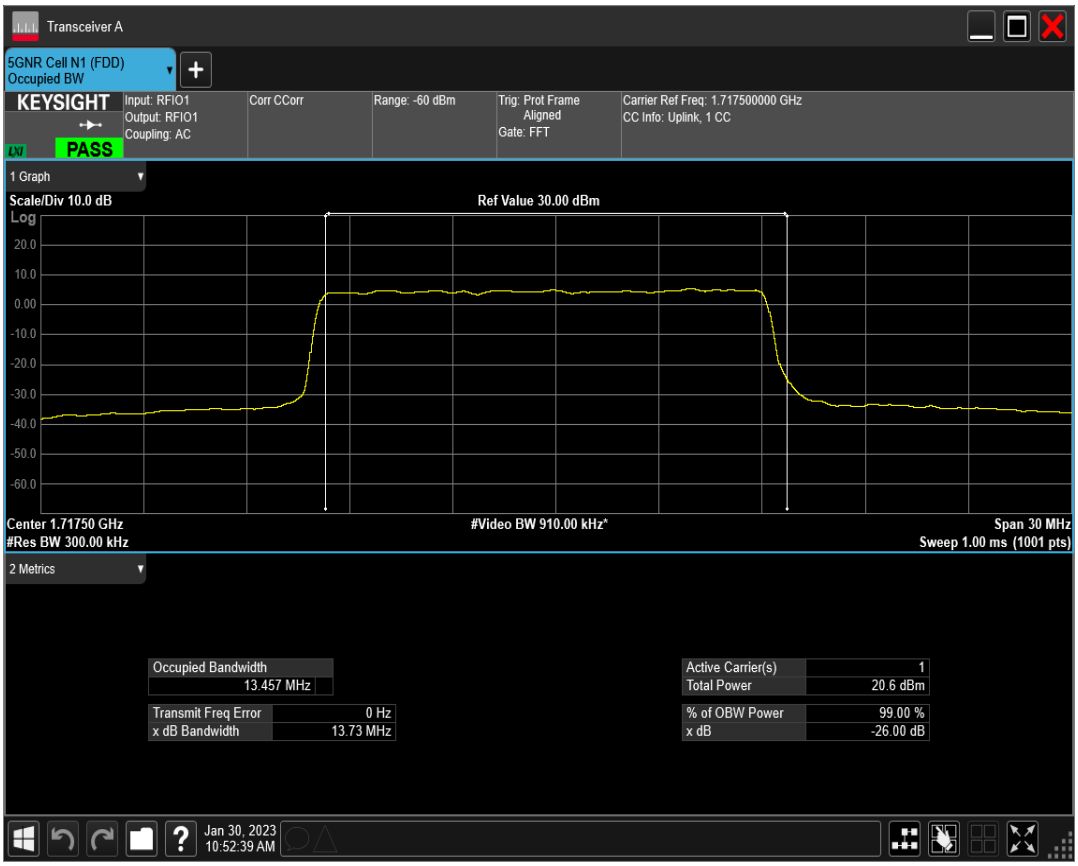
n66 SCS=30kHz DFT_QPSK BW=15MHz Channel=343500 RB=36@0



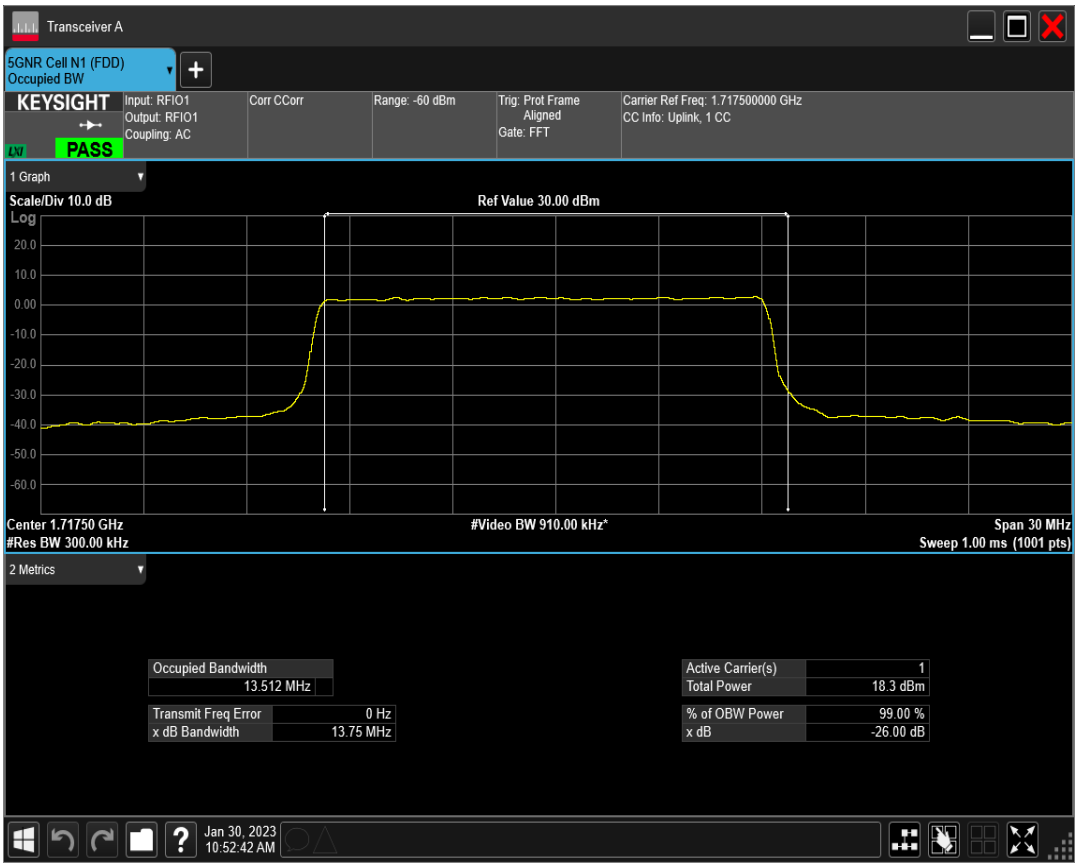
n66 SCS=30kHz DFT_QAM16 BW=15MHz Channel=343500 RB=36@0



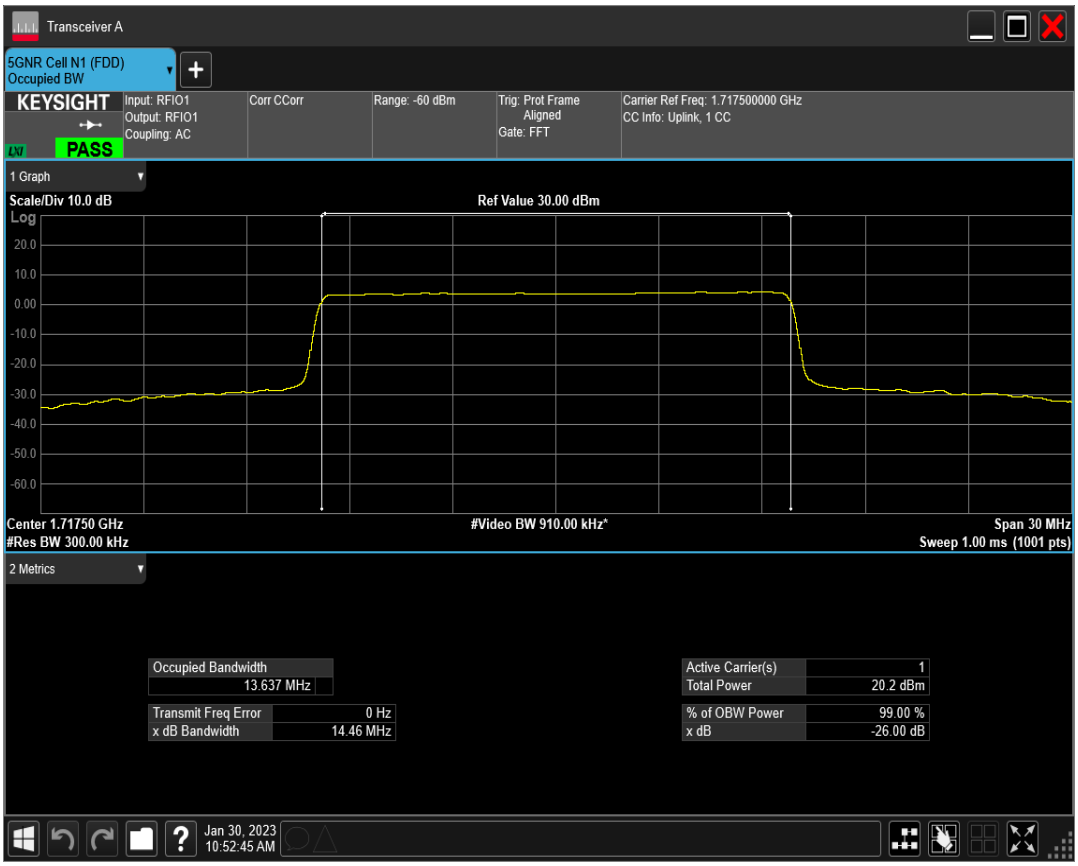
n66 SCS=30kHz DFT_QAM64 BW=15MHz Channel=343500 RB=36@0



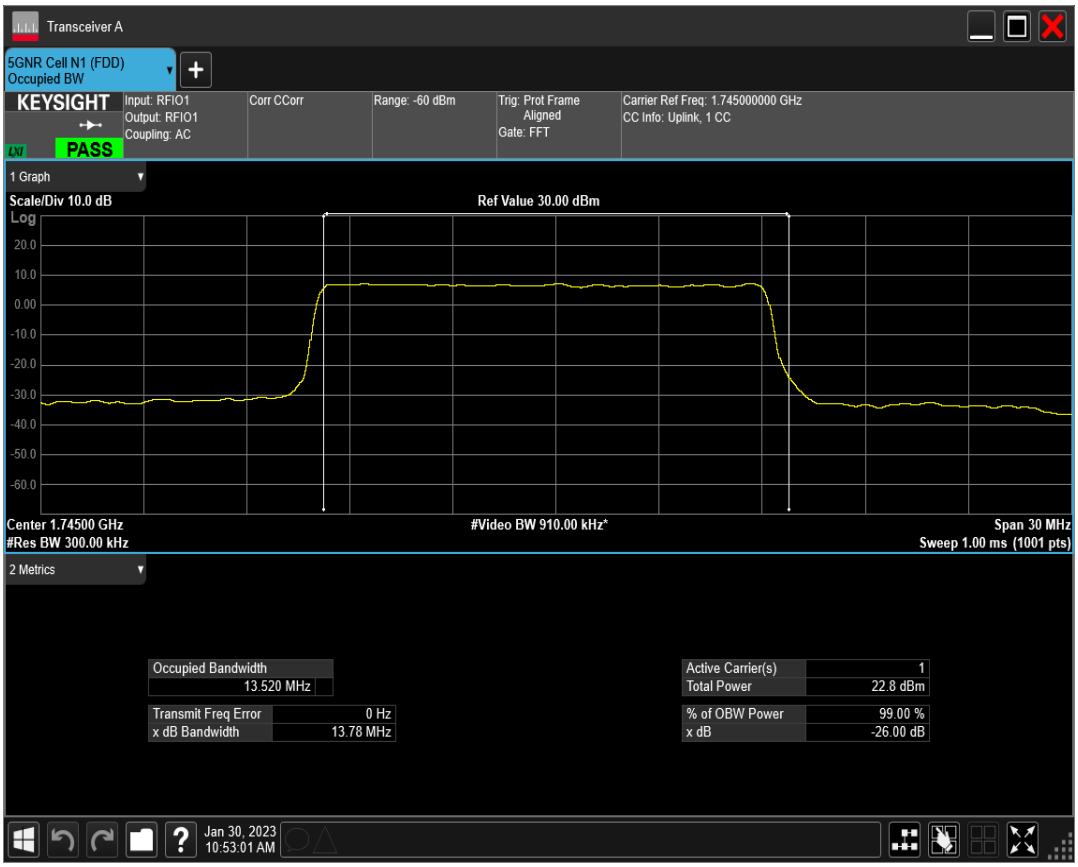
n66 SCS=30kHz DFT_QAM256 BW=15MHz Channel=343500 RB=36@0



n66 SCS=30kHz CP_QPSK BW=15MHz Channel=343500 RB=38@0

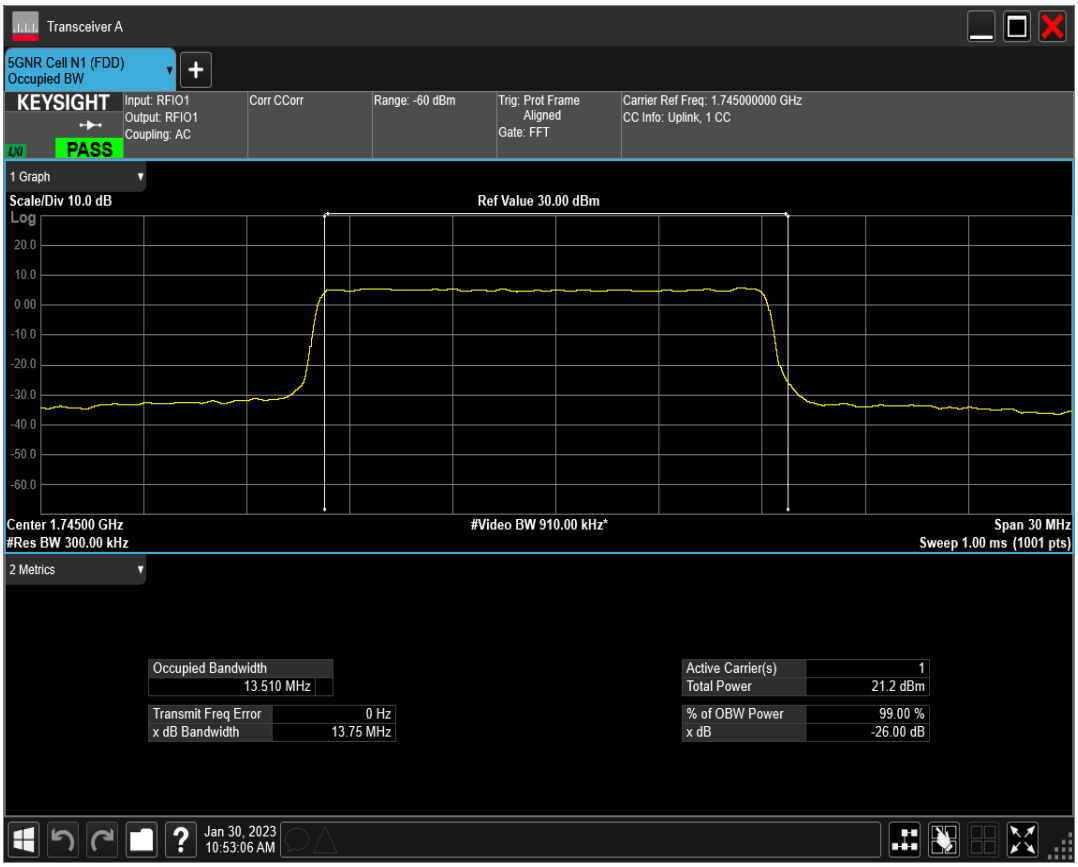


n66 SCS=30kHz DFT_BPSK BW=15MHz Channel=349000 RB=36@0



n66 SCS=30kHz DFT_QPSK BW=15MHz Channel=349000 RB=36@0

n66 SCS=30kHz DFT_QAM16 BW=15MHz Channel=349000 RB=36@0



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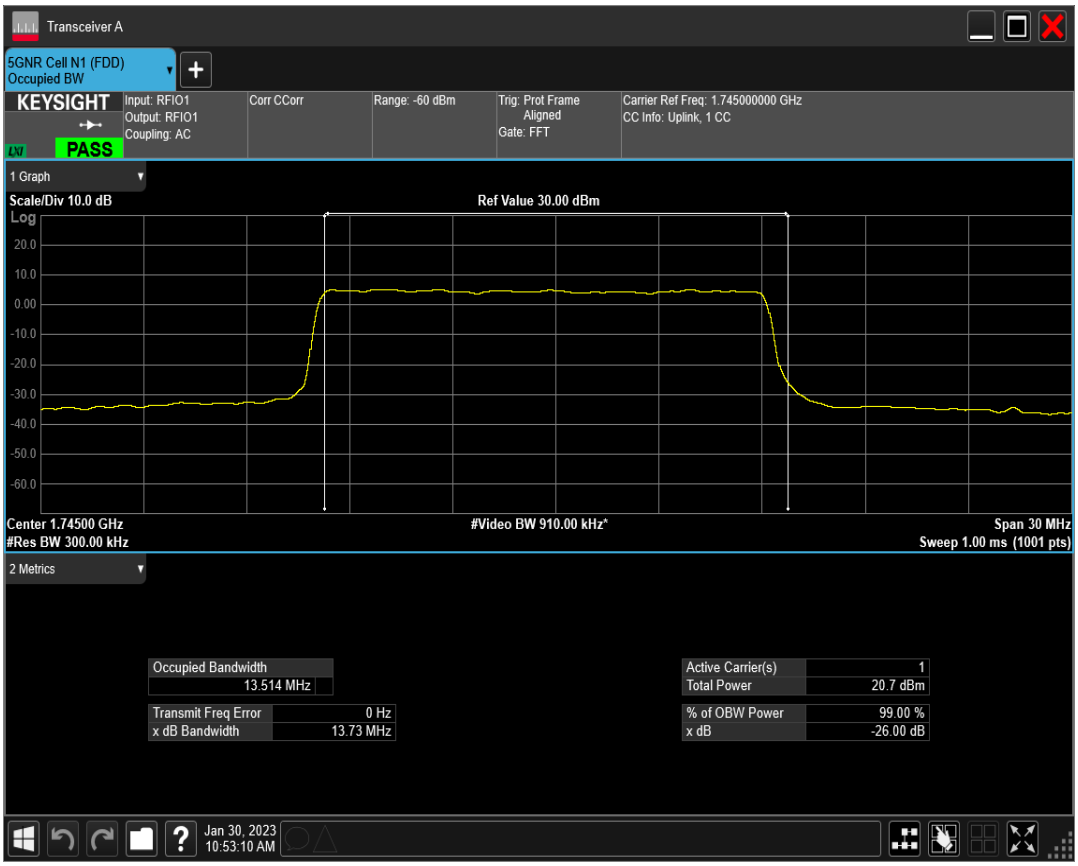

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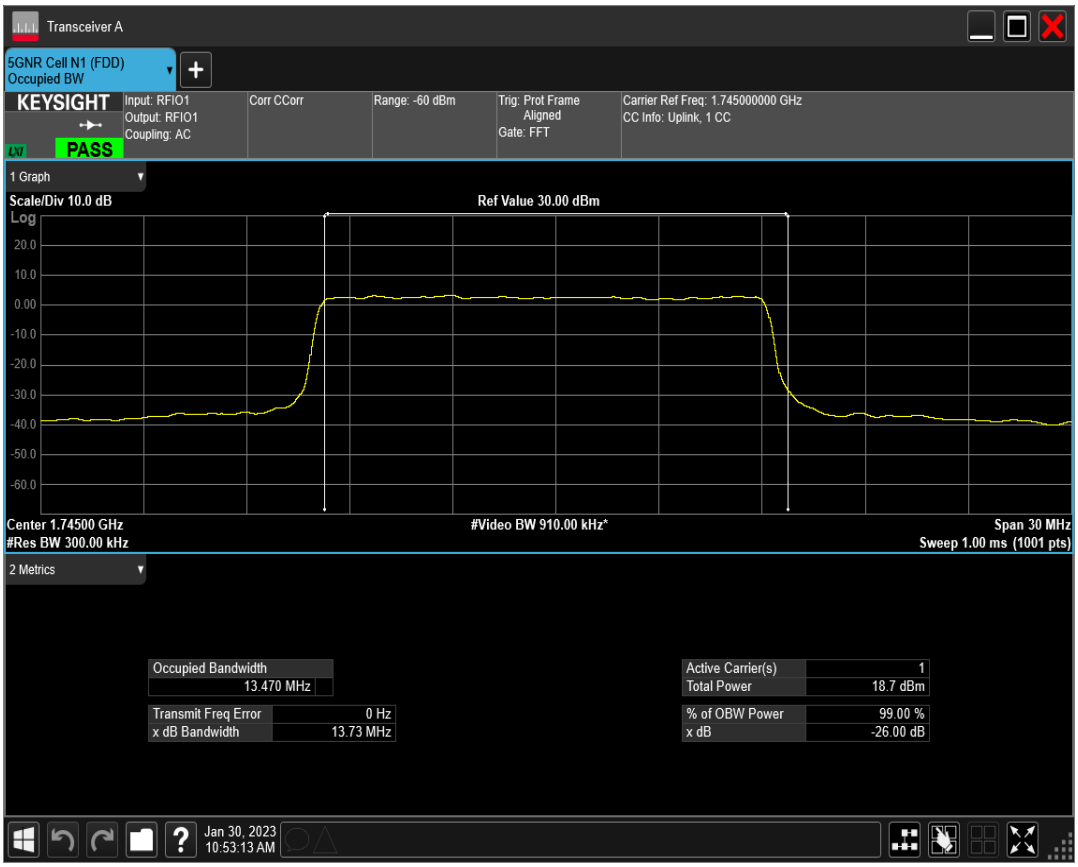
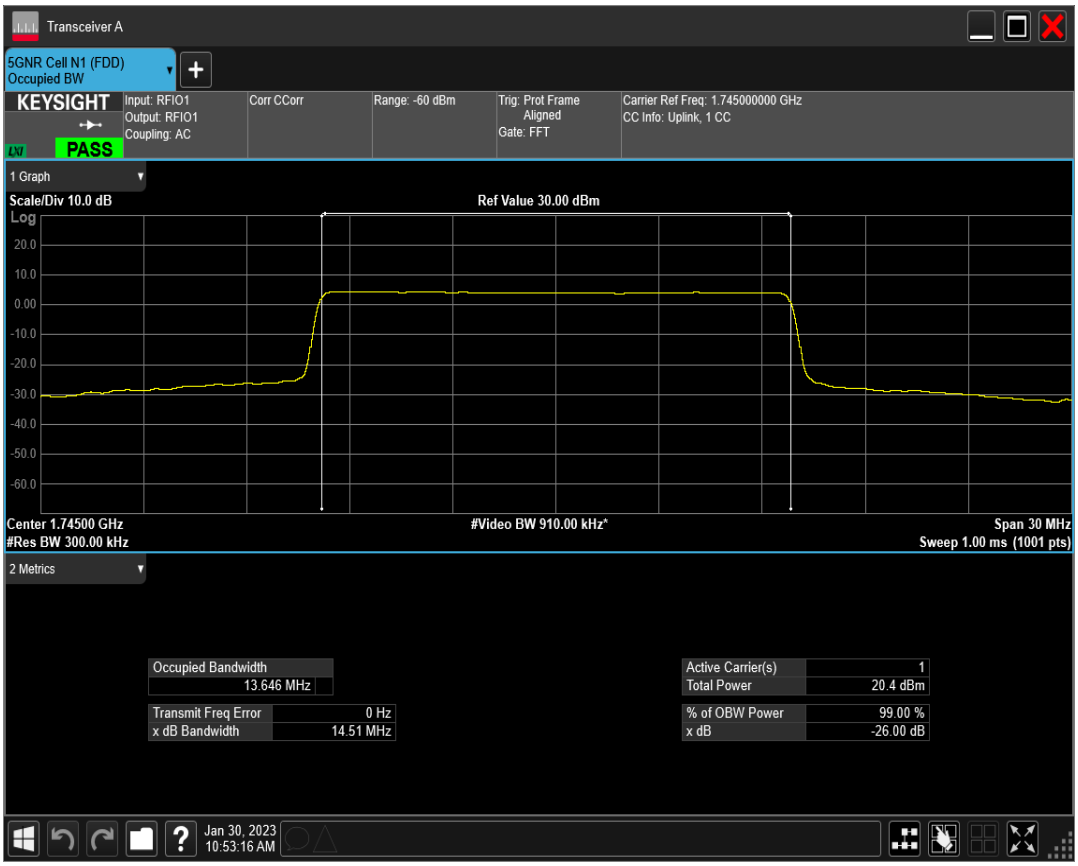
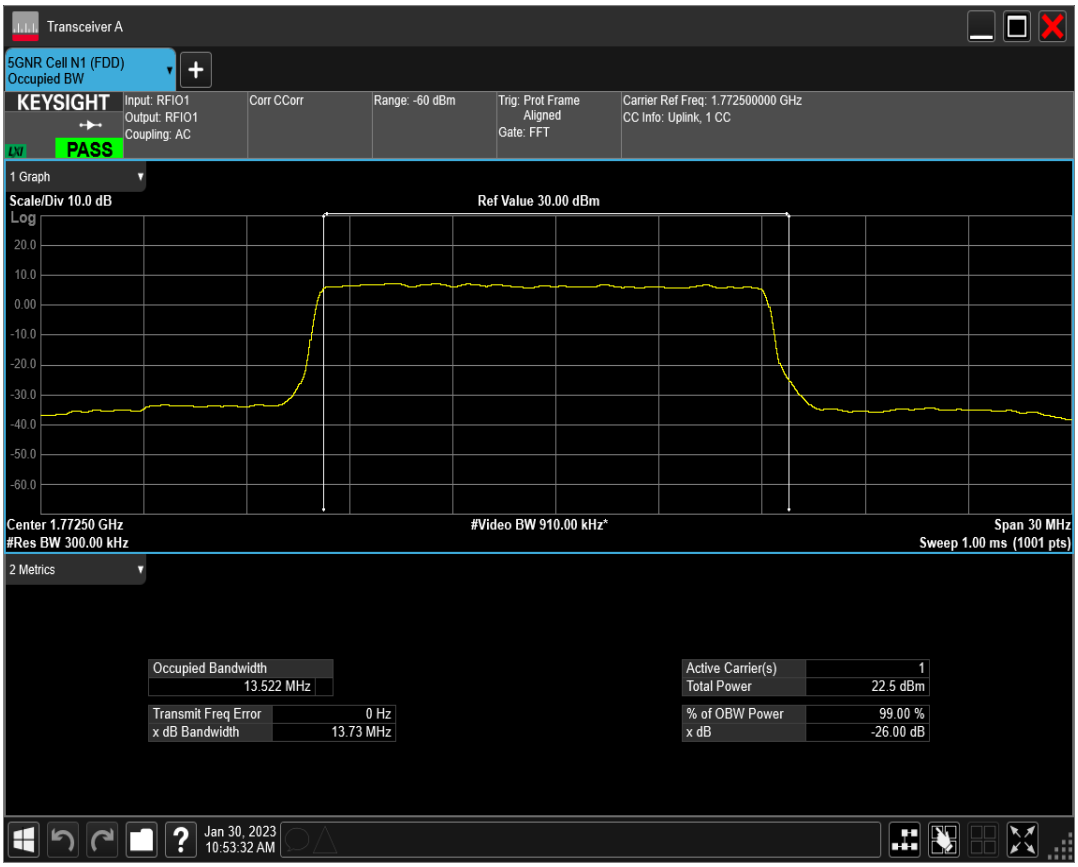


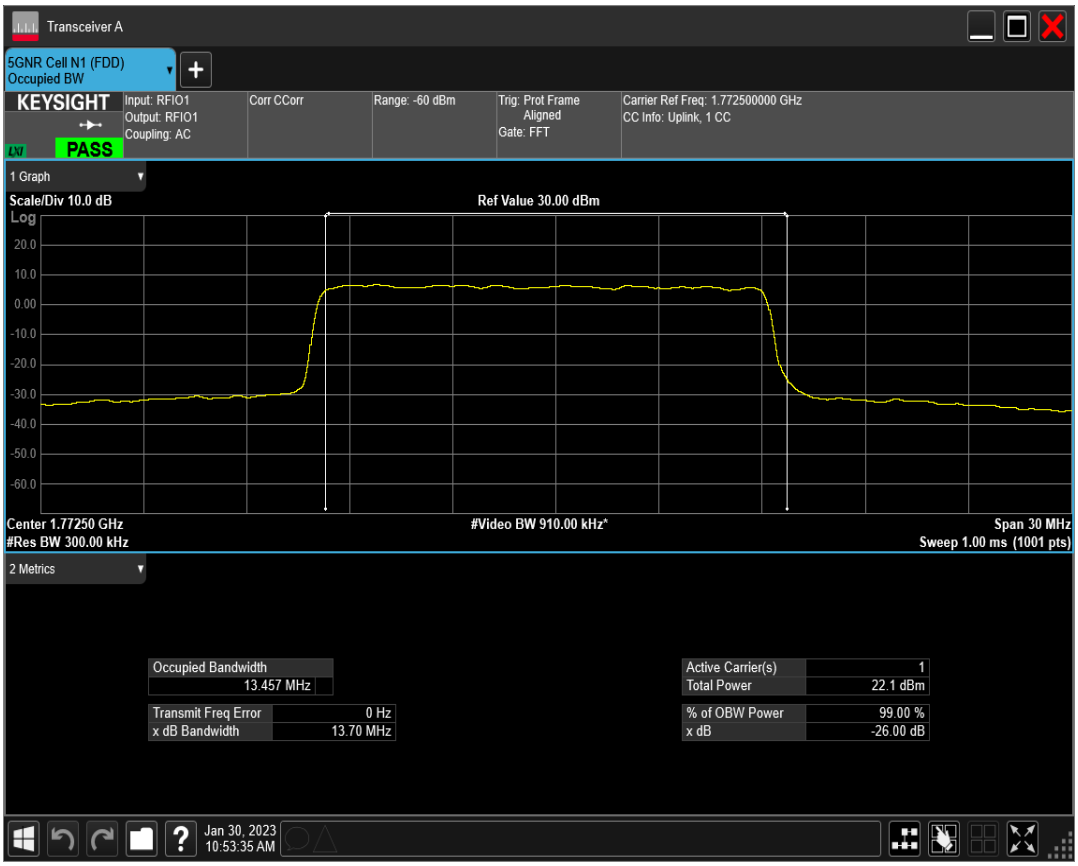
n66 SCS=30kHz CP_QPSK BW=15MHz Channel=349000 RB=38@0



n66 SCS=30kHz DFT_BPSK BW=15MHz Channel=354500 RB=36@0



n66 SCS=30kHz DFT_QPSK BW=15MHz Channel=354500 RB=36@0



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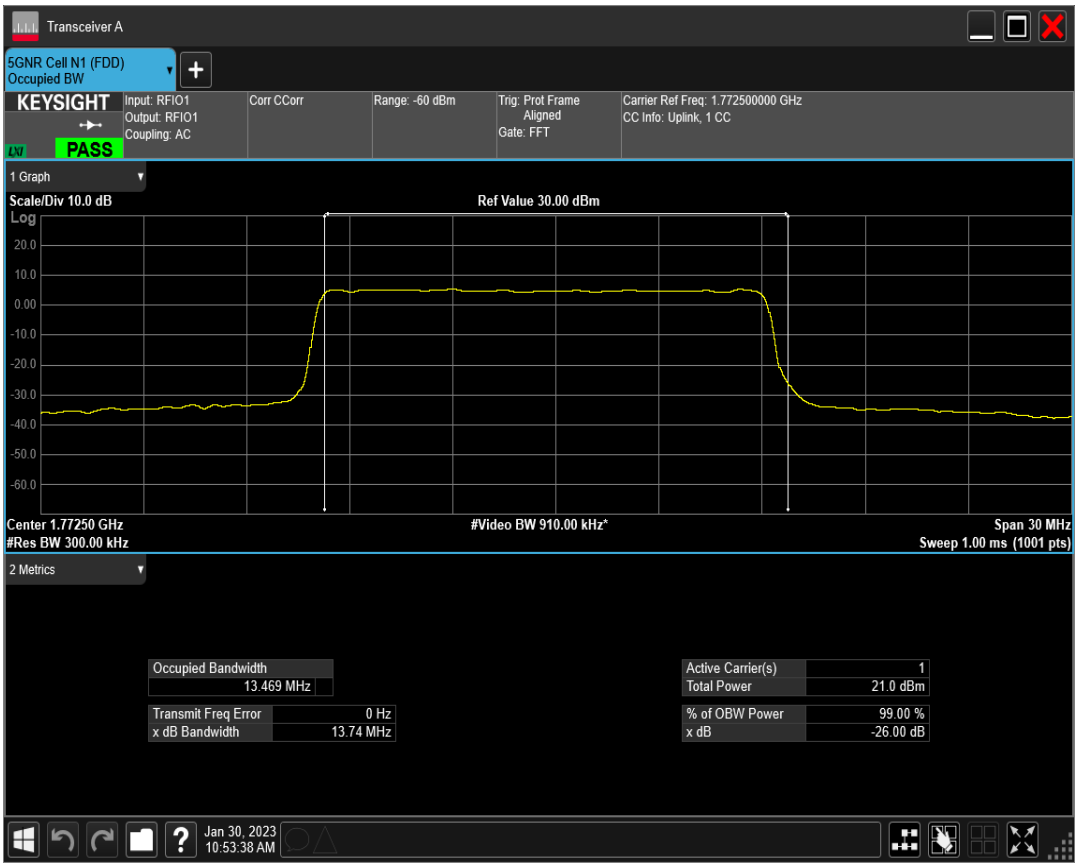

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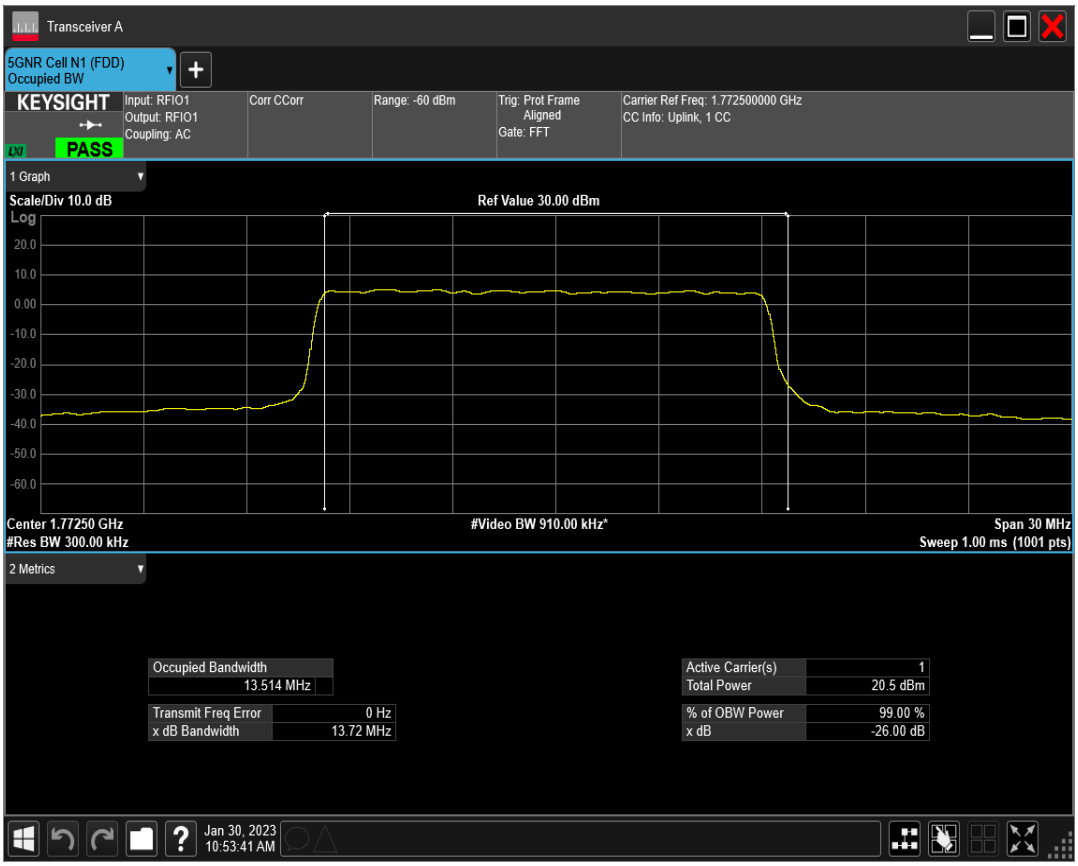

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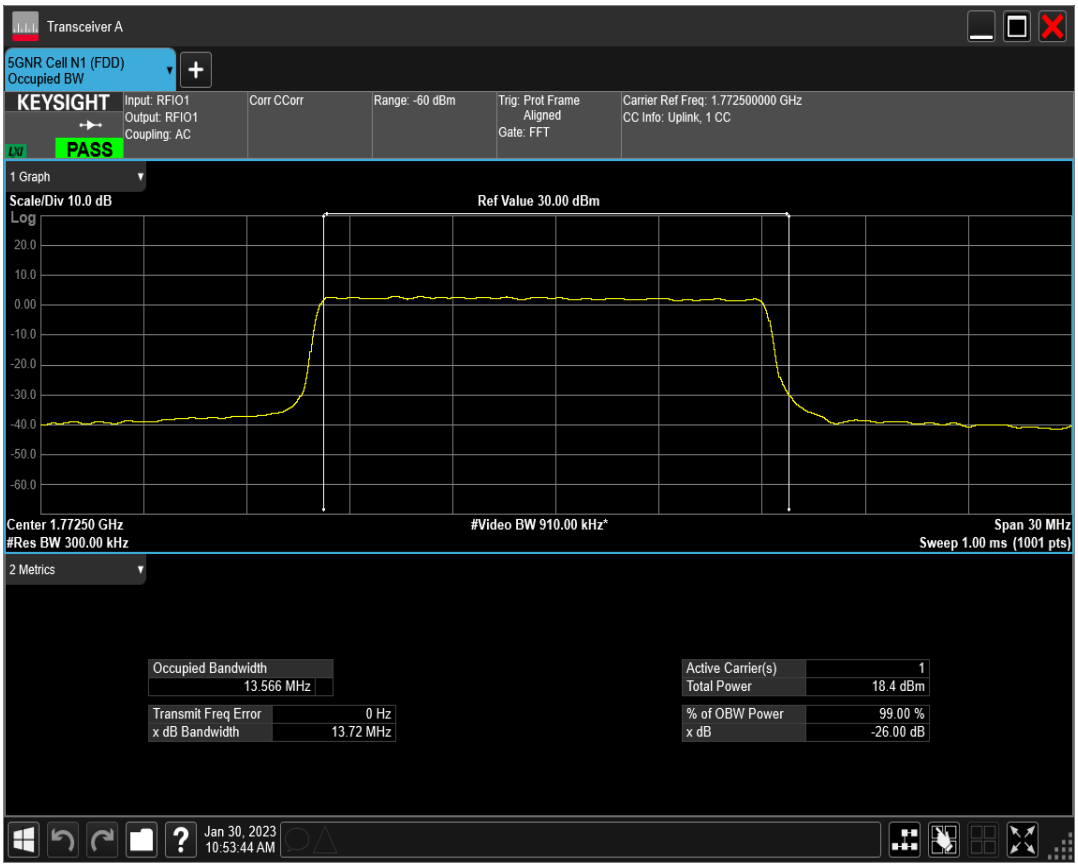
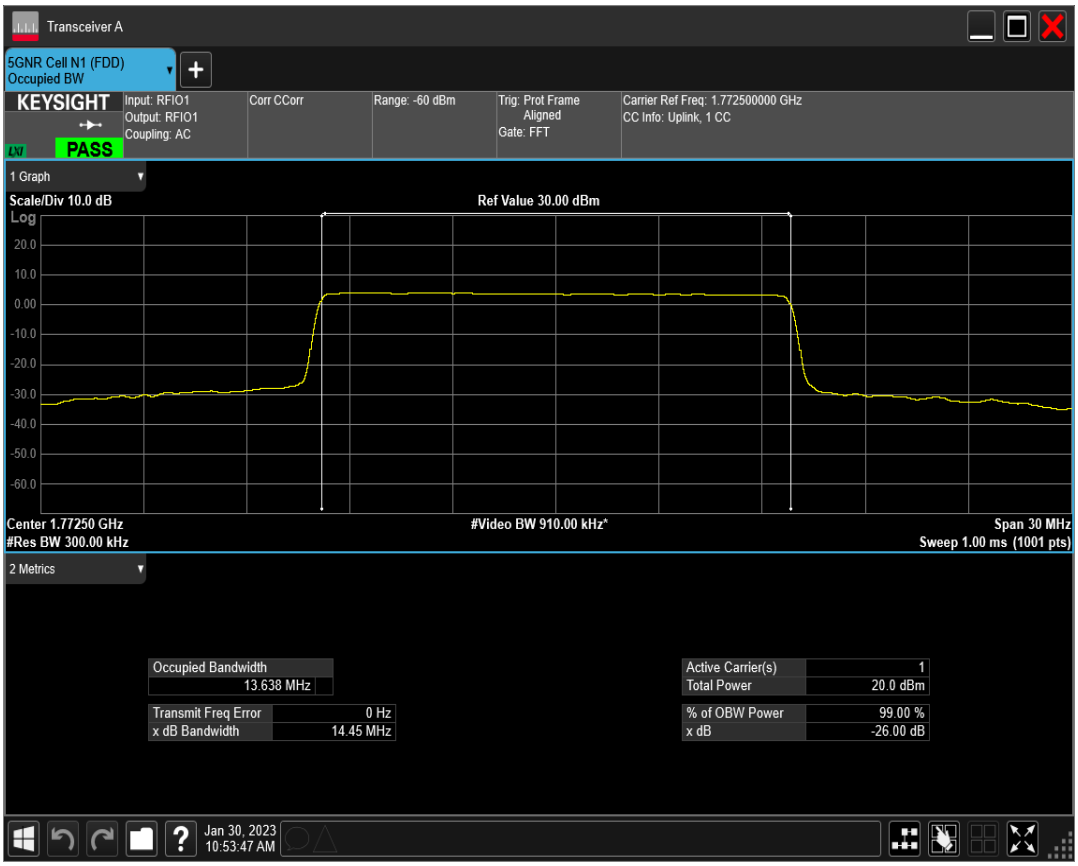
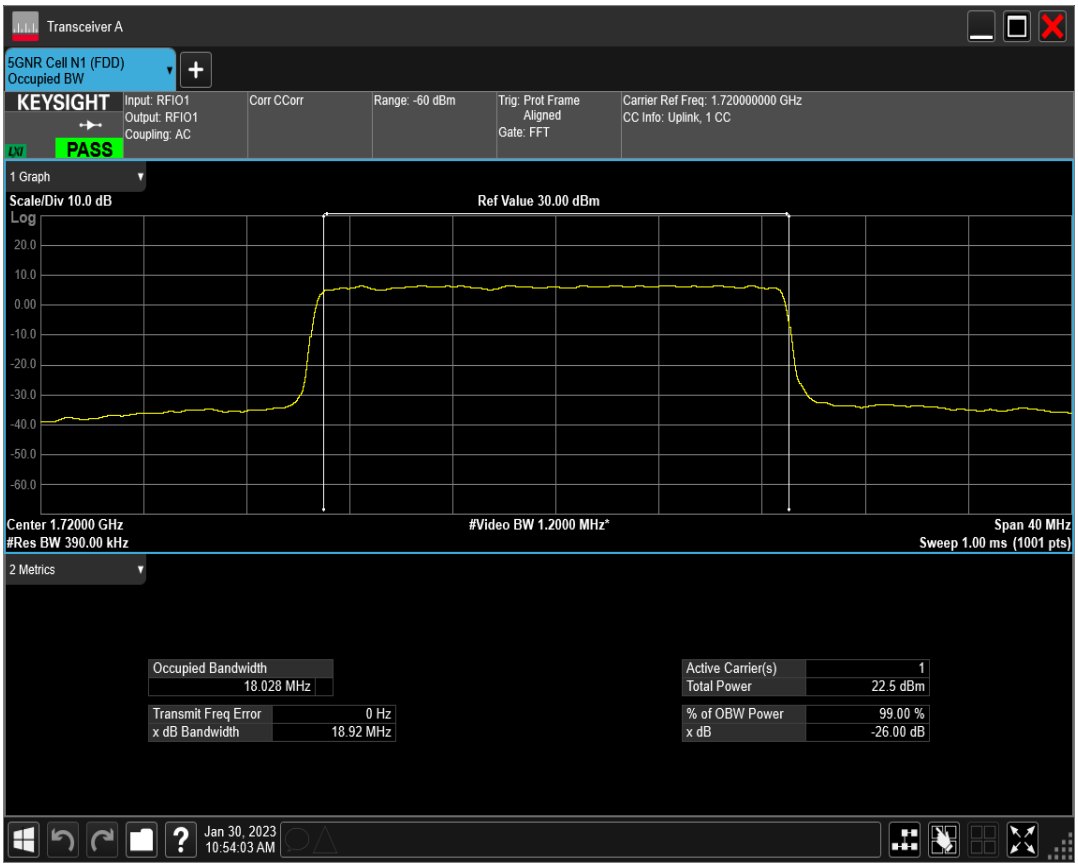


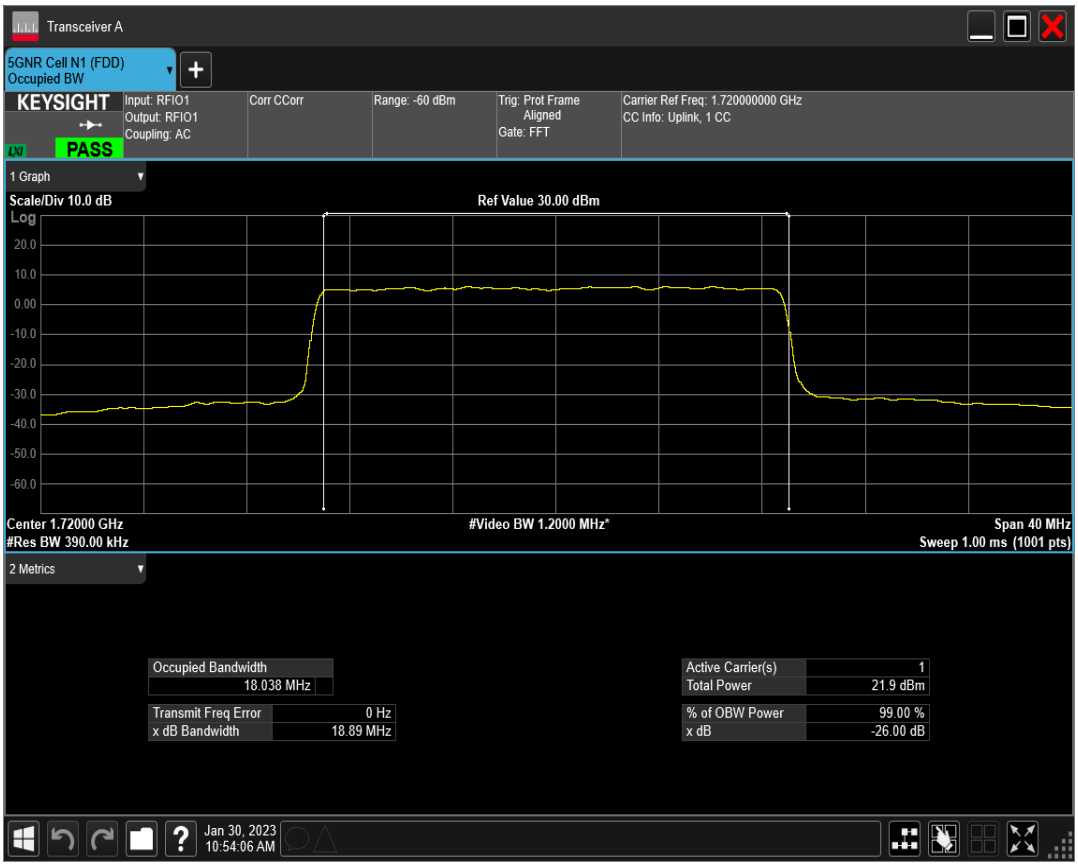
n66 SCS=30kHz CP_QPSK BW=15MHz Channel=354500 RB=38@0



n66 SCS=30kHz DFT_BPSK BW=20MHz Channel=344000 RB=50@0



n66 SCS=30kHz DFT_QPSK BW=20MHz Channel=344000 RB=50@0



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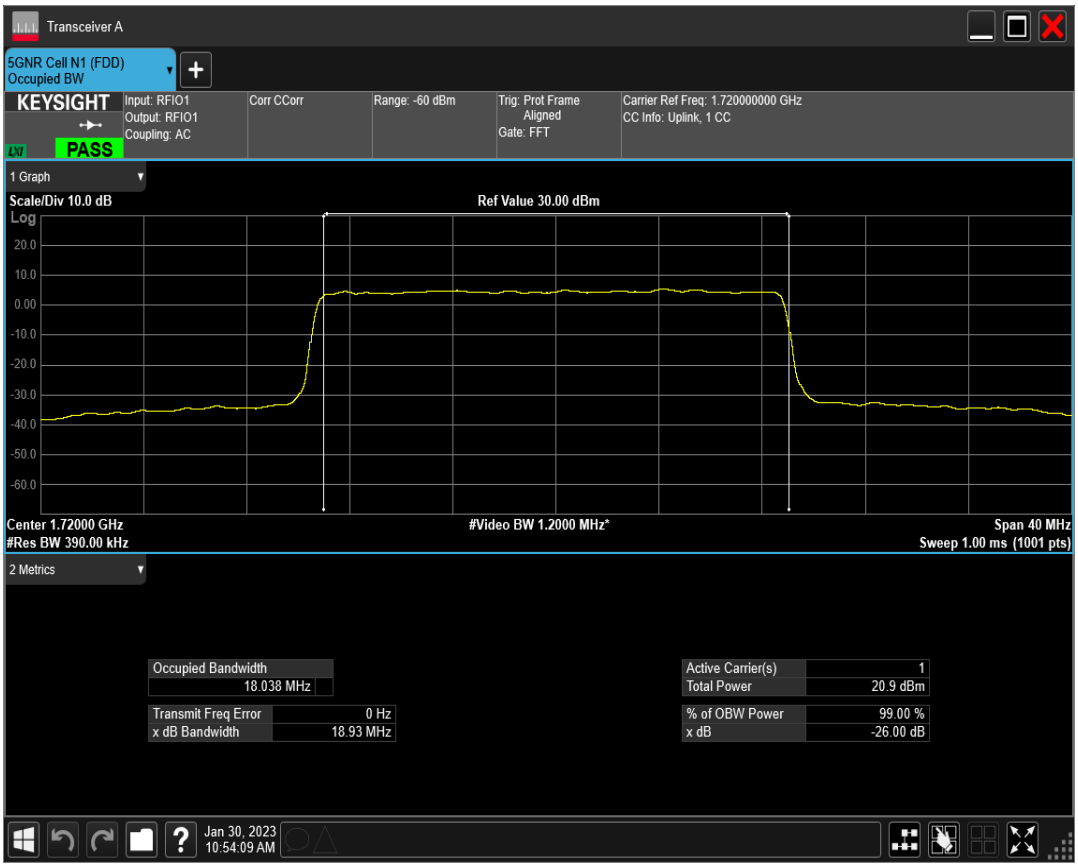
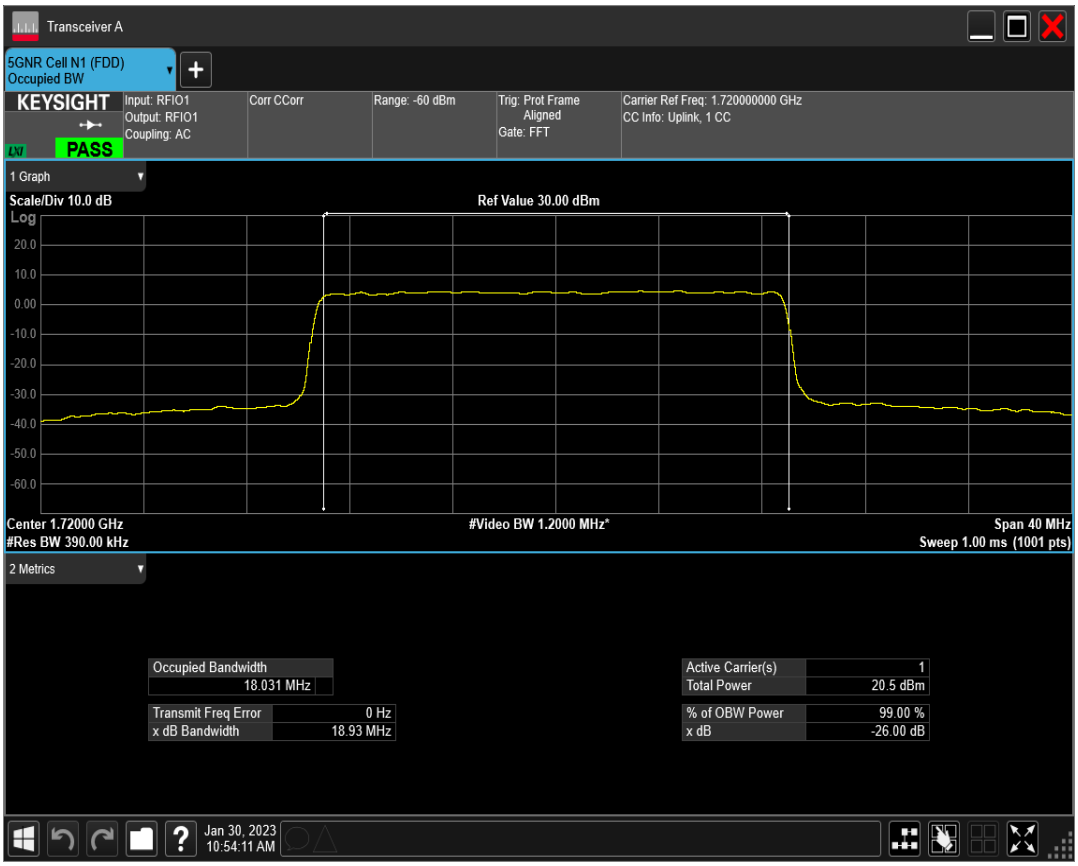
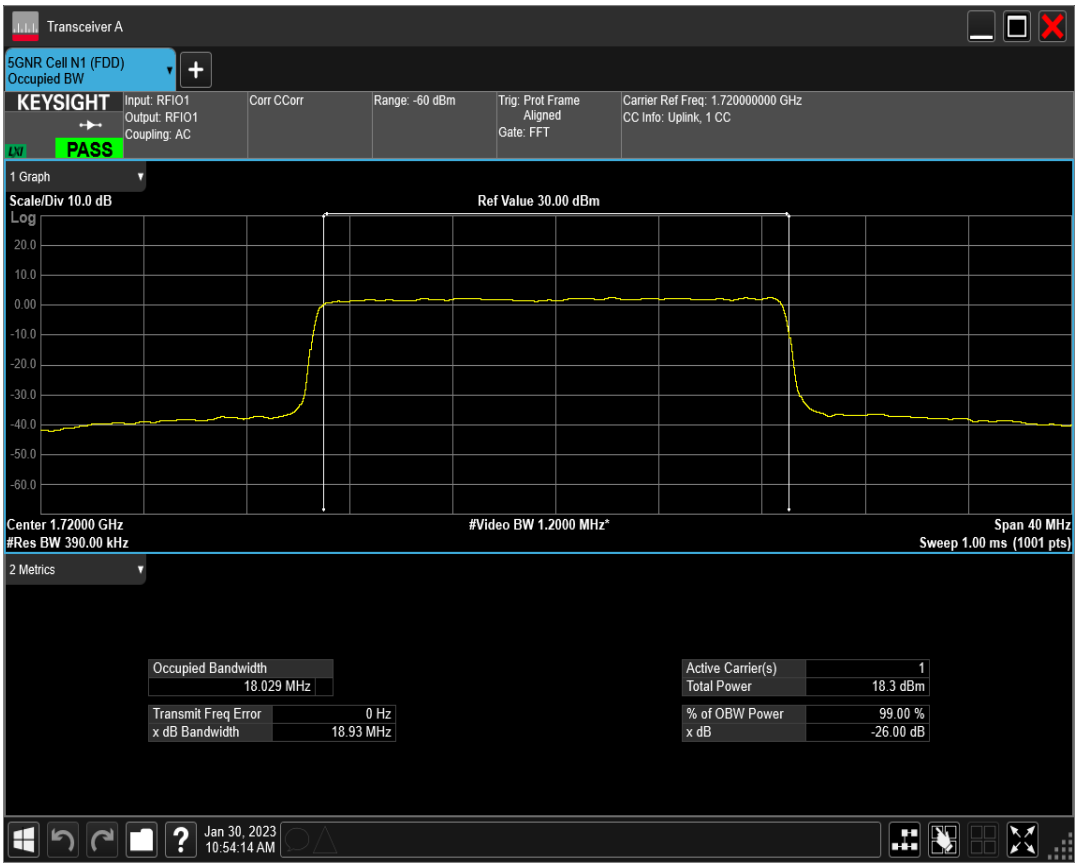


n66 SCS=30kHz DFT_QAM64 BW=20MHz Channel=344000 RB=50@0



n66 SCS=30kHz DFT_QAM256 BW=20MHz Channel=344000 RB=50@0



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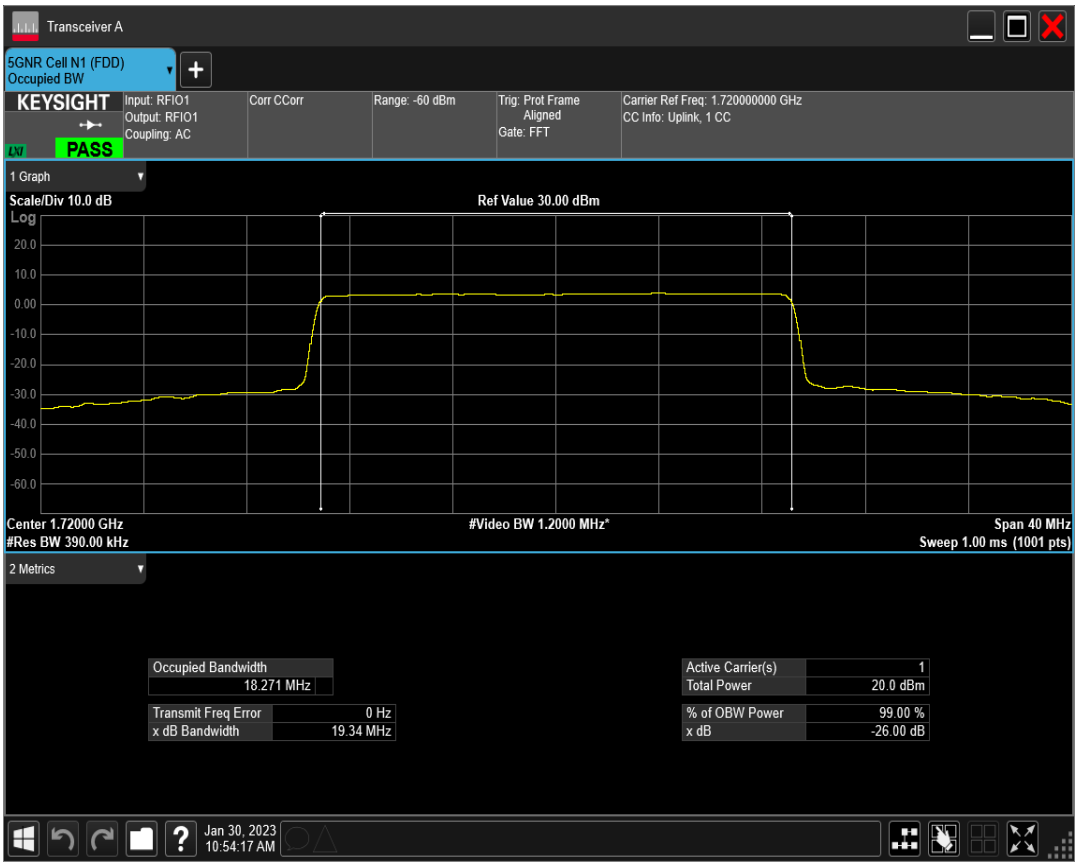
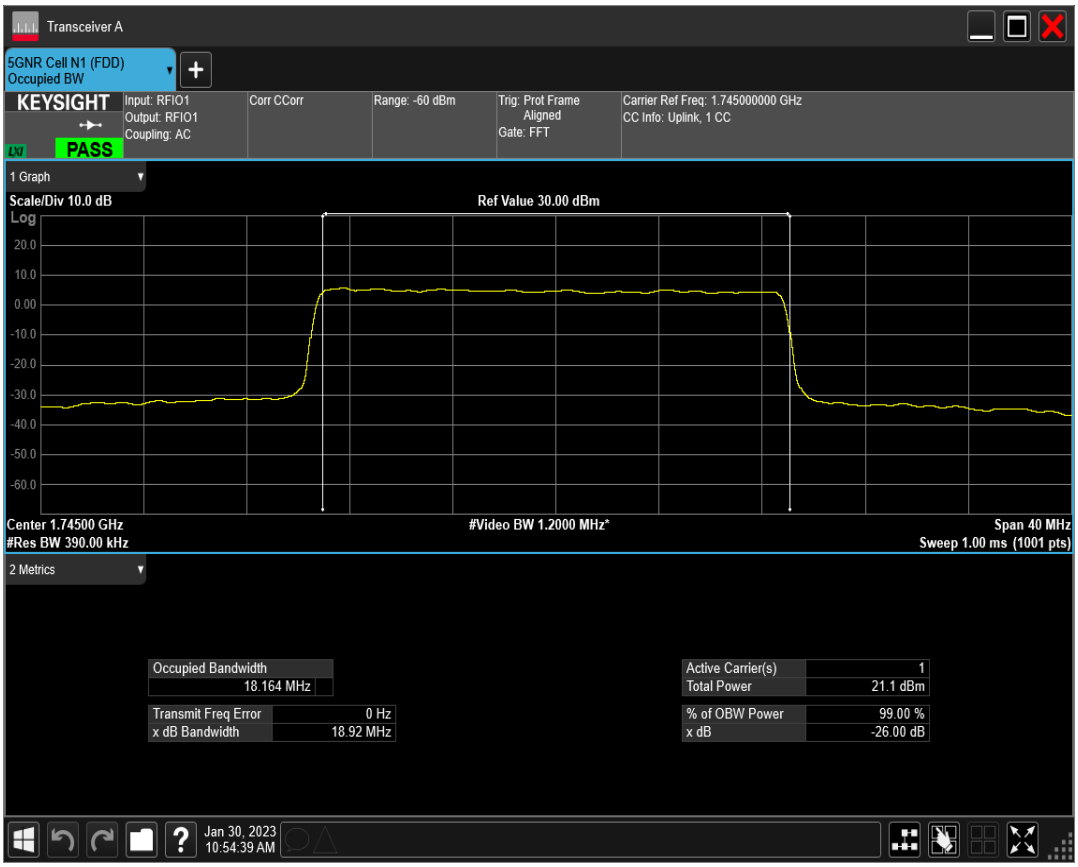


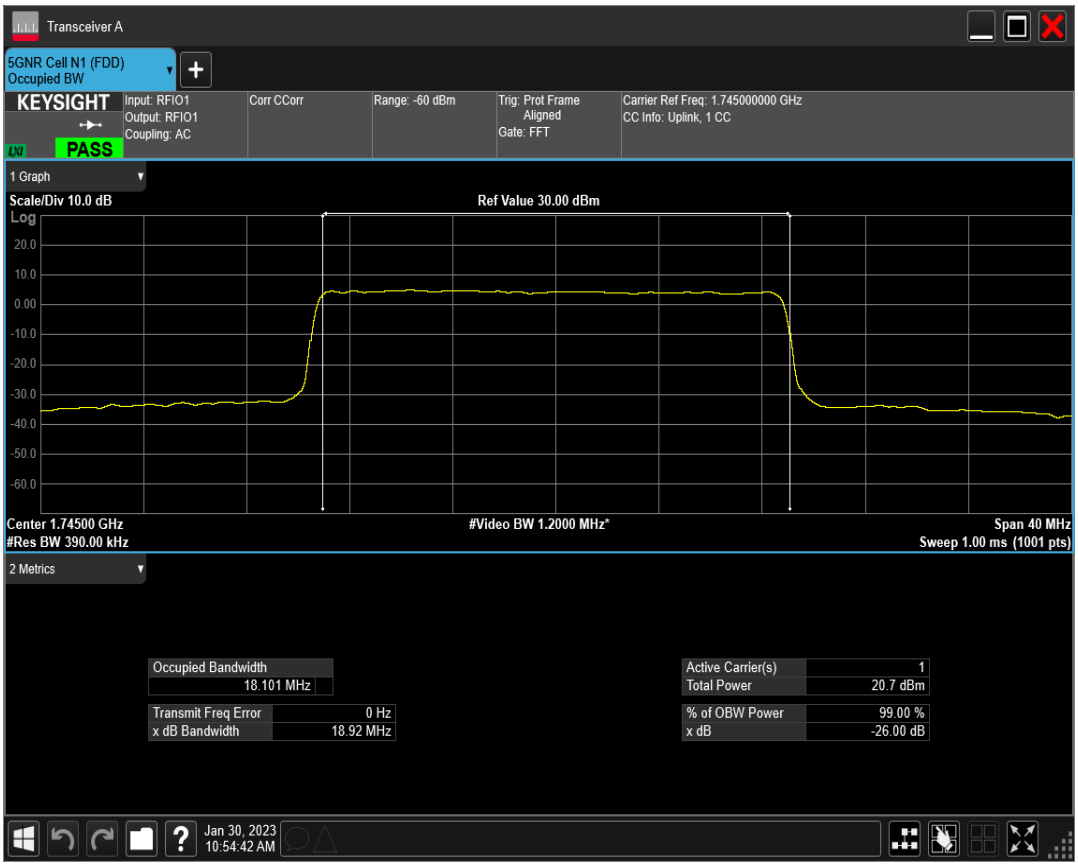
n66 SCS=30kHz DFT_BPSK BW=20MHz Channel=349000 RB=50@0

n66 SCS=30kHz DFT_QPSK BW=20MHz Channel=349000 RB=50@0

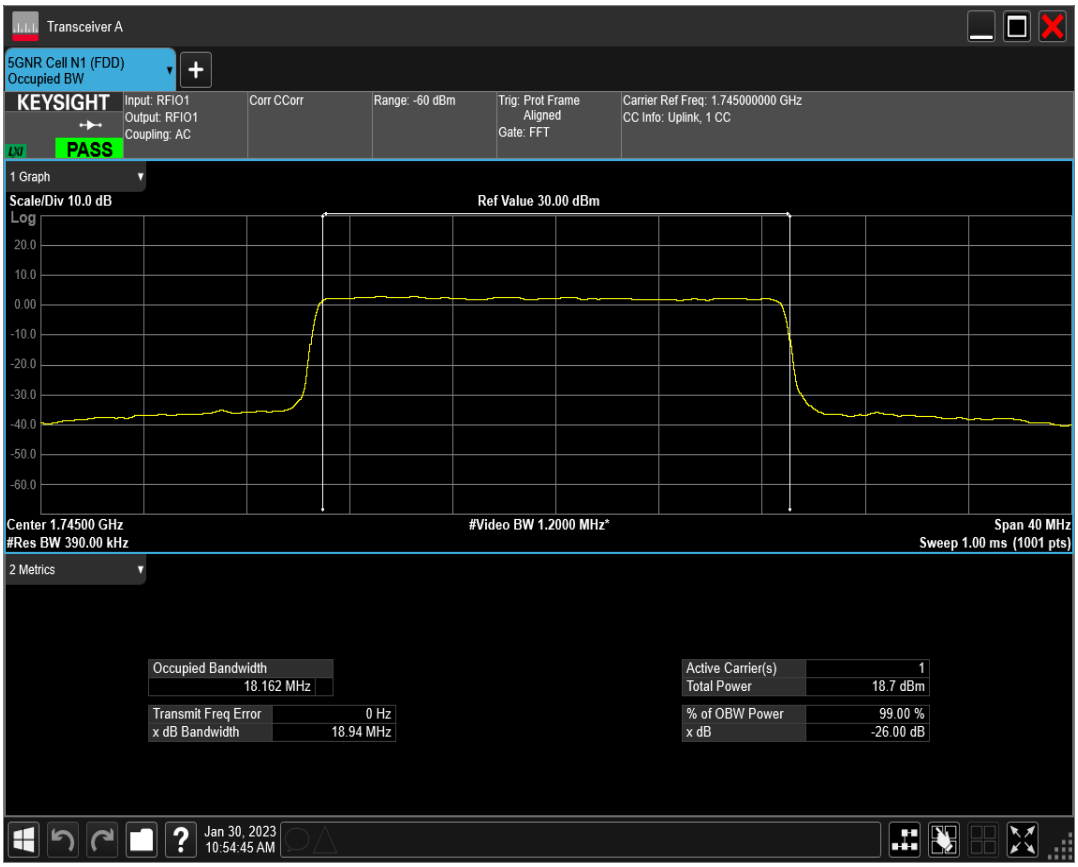
n66 SCS=30kHz DFT_QAM16 BW=20MHz Channel=349000 RB=50@0



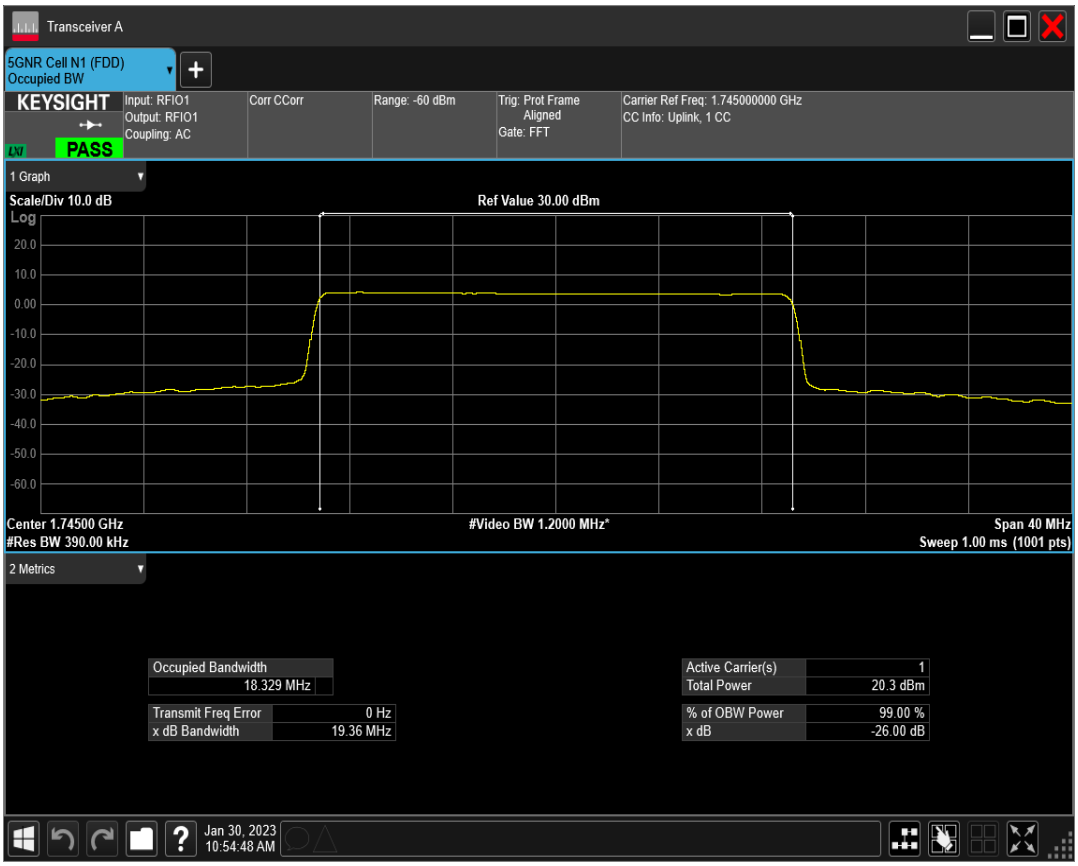
n66 SCS=30kHz DFT_QAM64 BW=20MHz Channel=349000 RB=50@0



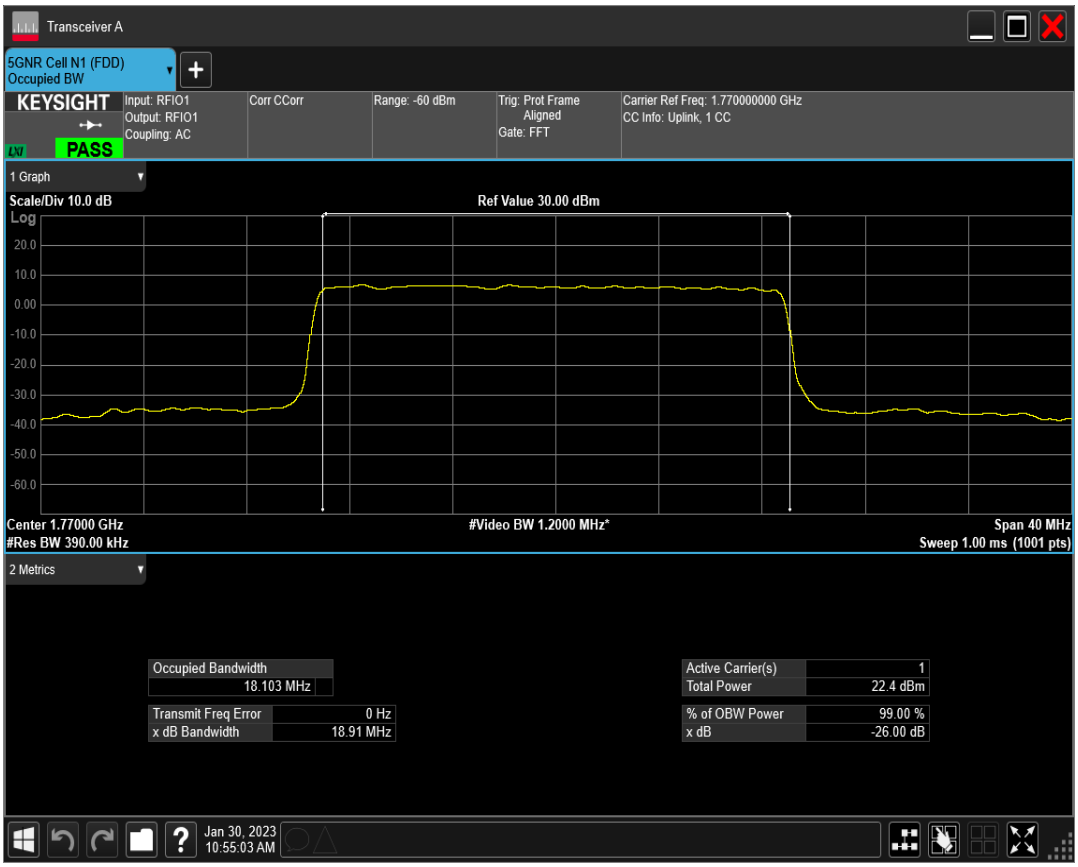
n66 SCS=30kHz DFT_QAM256 BW=20MHz Channel=349000 RB=50@0



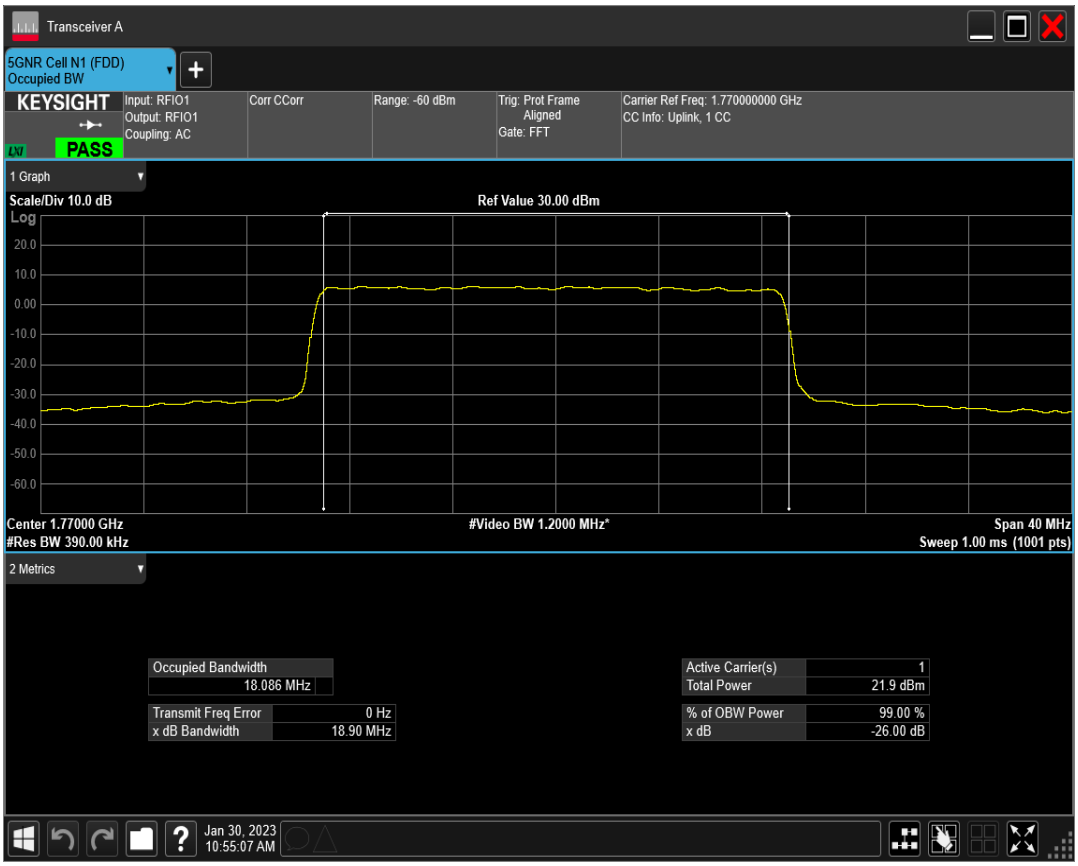
n66 SCS=30kHz CP_QPSK BW=20MHz Channel=349000 RB=51@0



n66 SCS=30kHz DFT_BPSK BW=20MHz Channel=354000 RB=50@0



n66 SCS=30kHz DFT_QPSK BW=20MHz Channel=354000 RB=50@0



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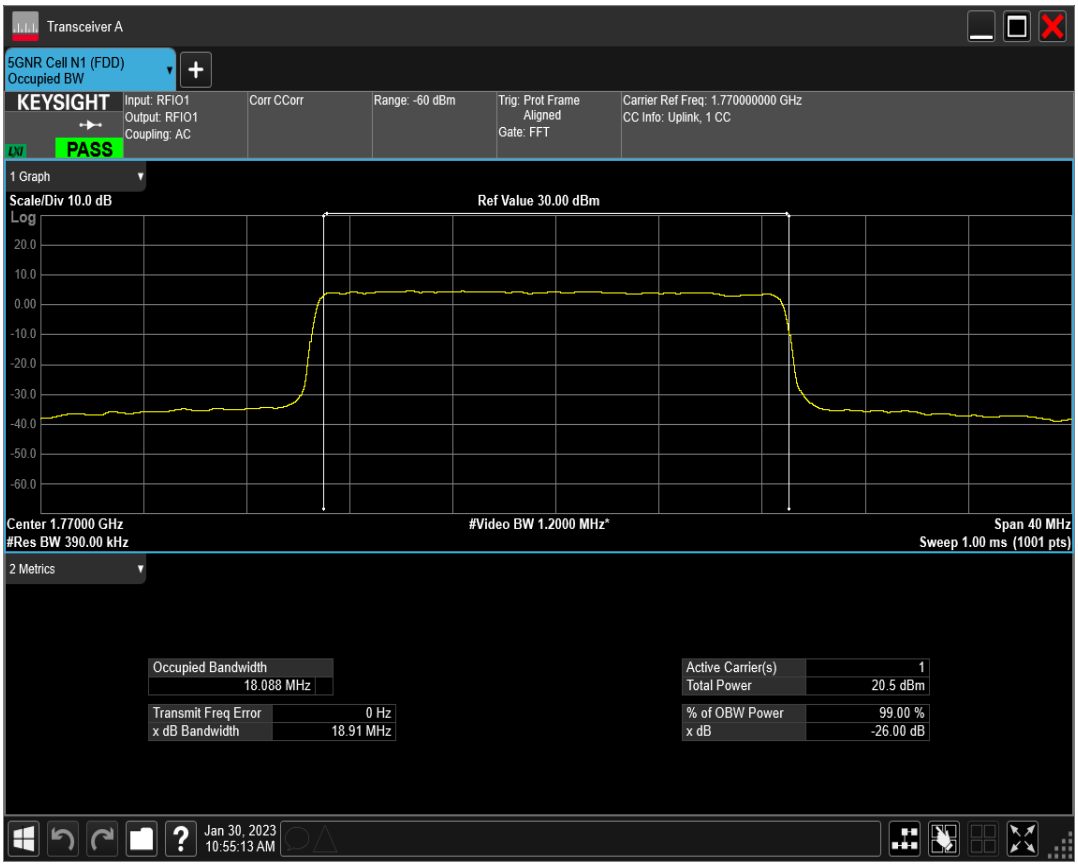
n66 SCS=30kHz DFT_QAM64 BW=20MHz Channel=354000 RB=50@0



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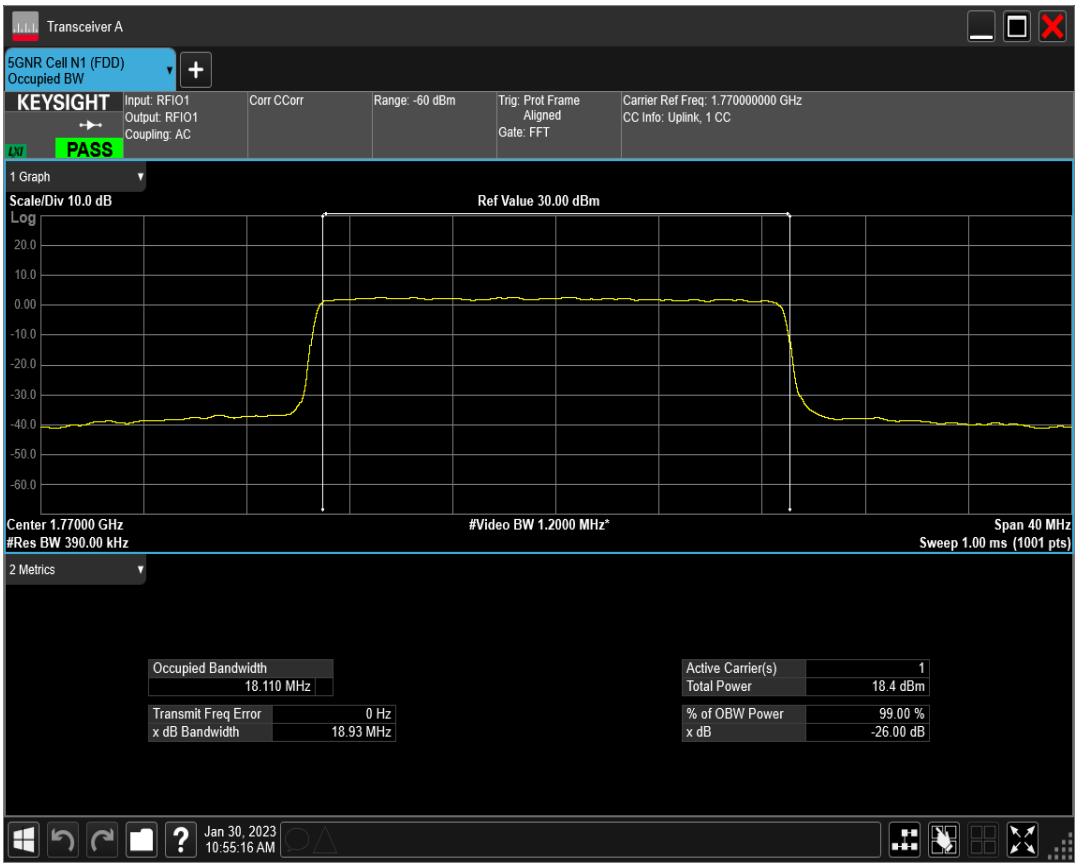

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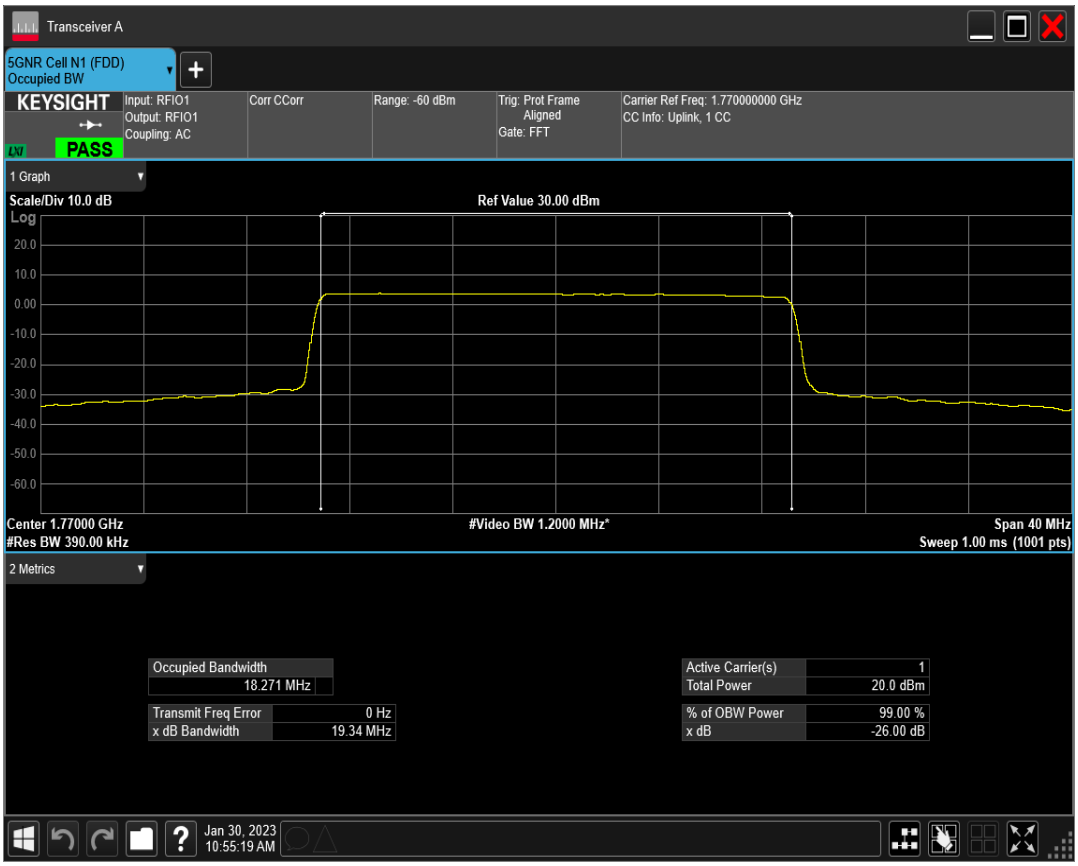
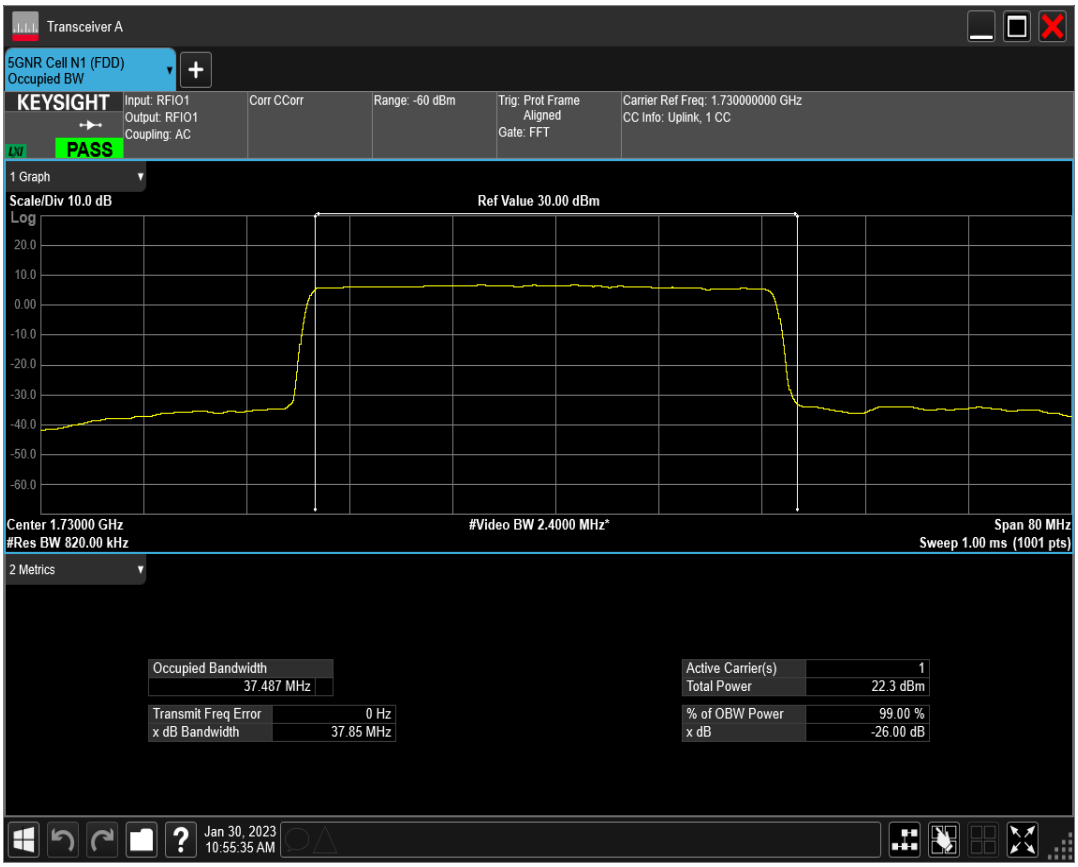
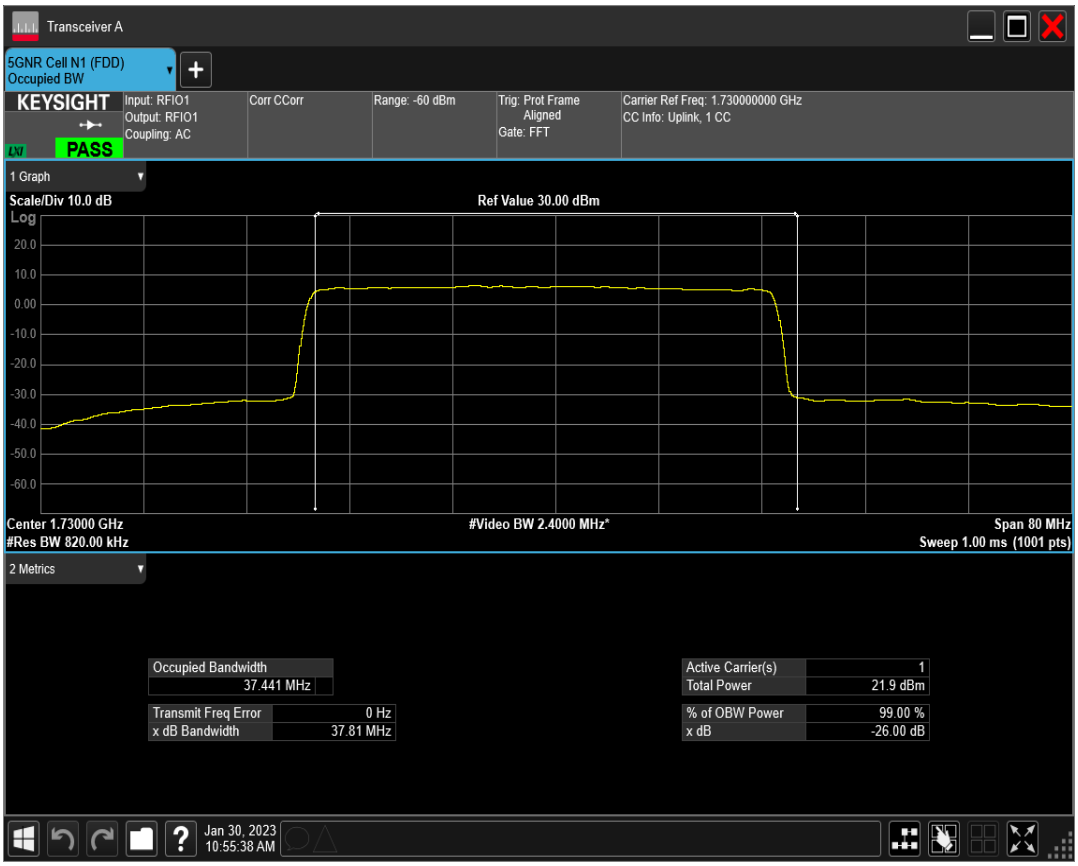


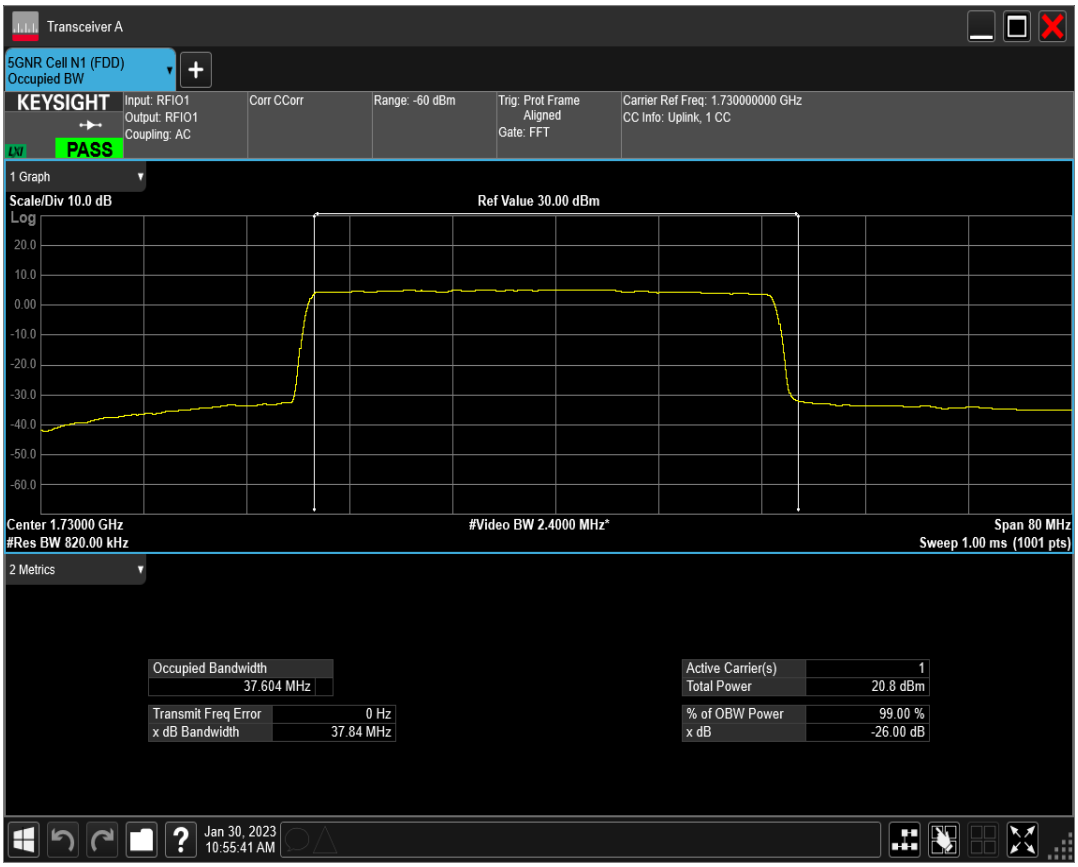
n66 SCS=30kHz DFT_BPSK BW=40MHz Channel=346000 RB=100@0



n66 SCS=30kHz DFT_QPSK BW=40MHz Channel=346000 RB=100@0



n66 SCS=30kHz DFT_QAM16 BW=40MHz Channel=346000 RB=100@0



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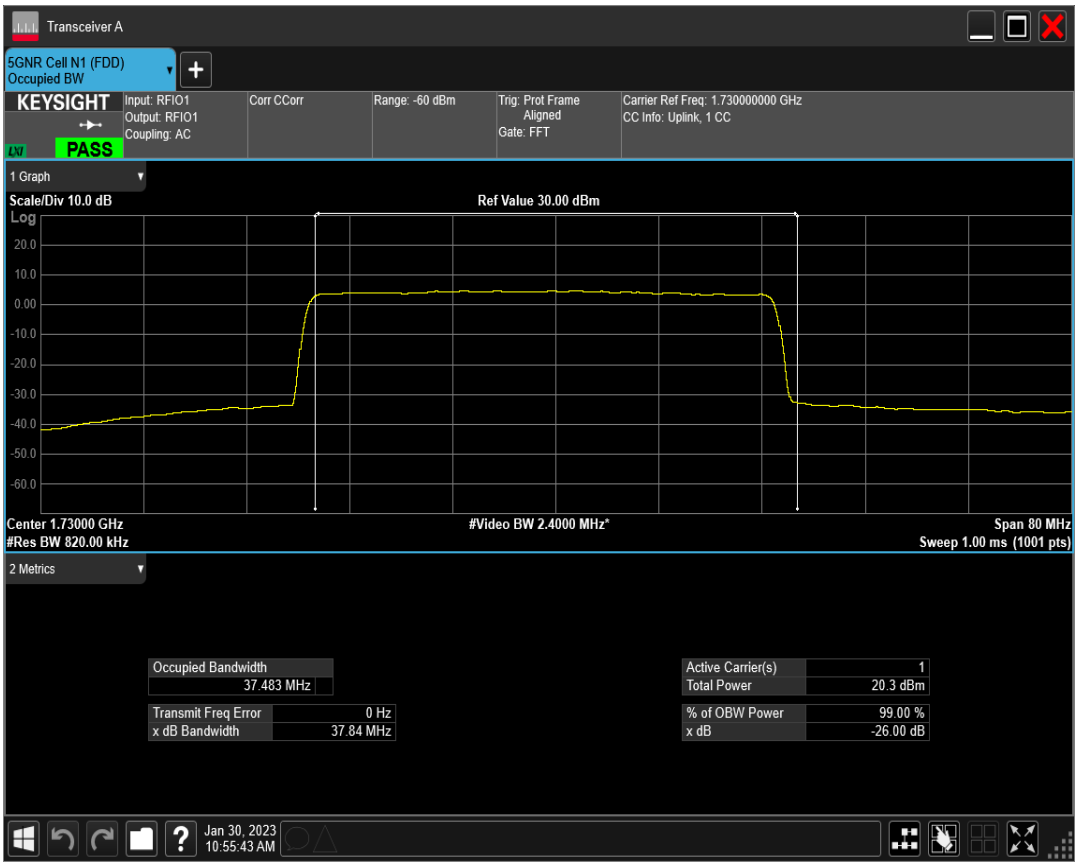

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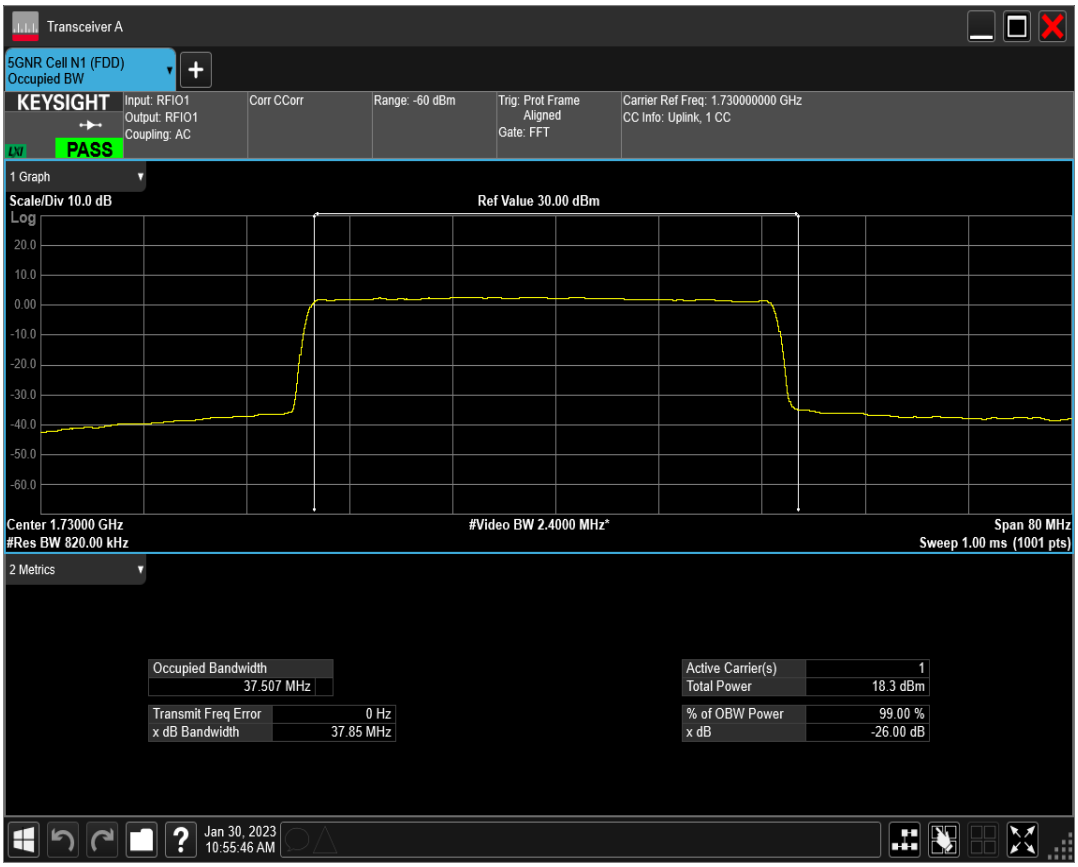

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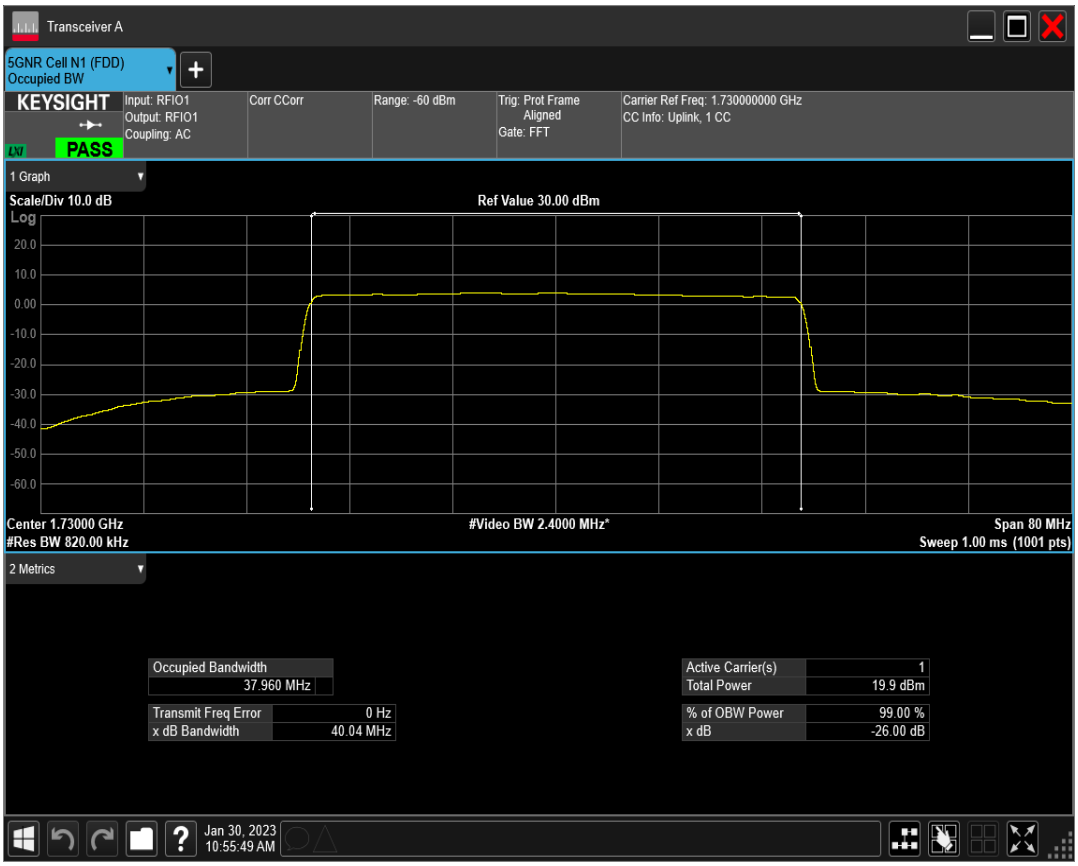
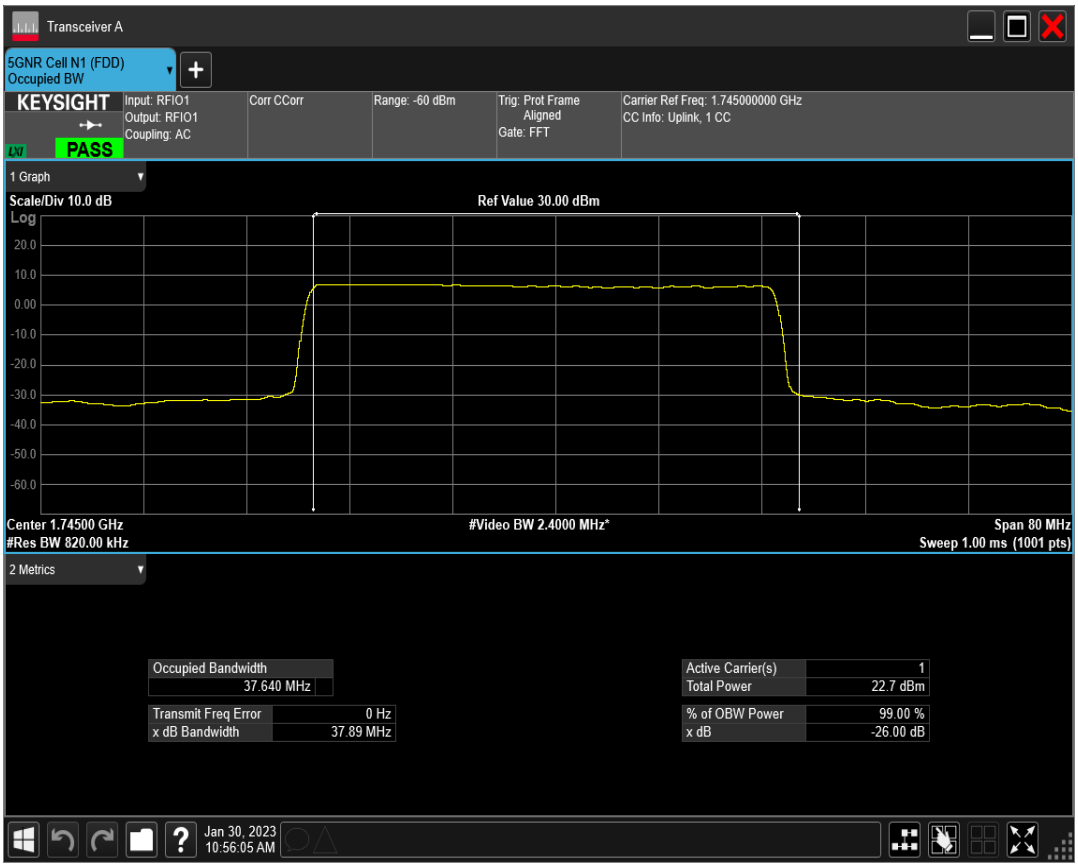


n66 SCS=30kHz DFT_BPSK BW=40MHz Channel=349000 RB=100@0



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n66 SCS=30kHz DFT_QAM16 BW=40MHz Channel=349000 RB=100@0

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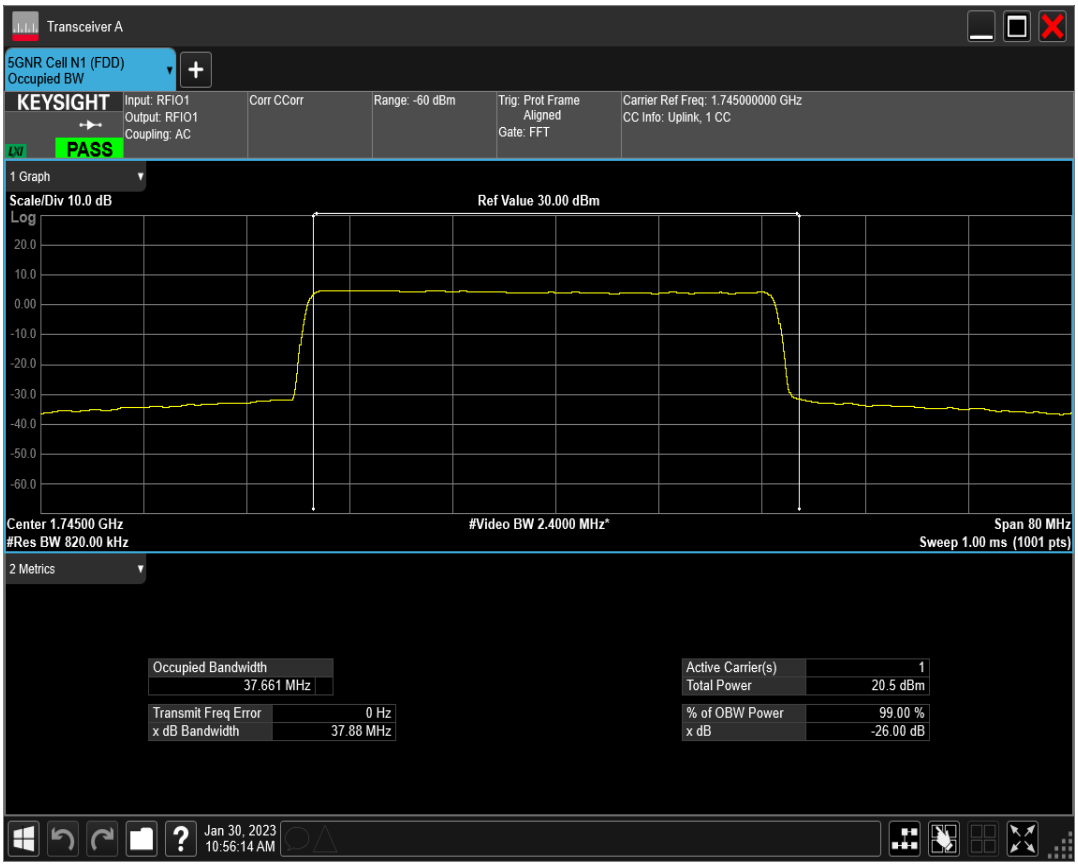

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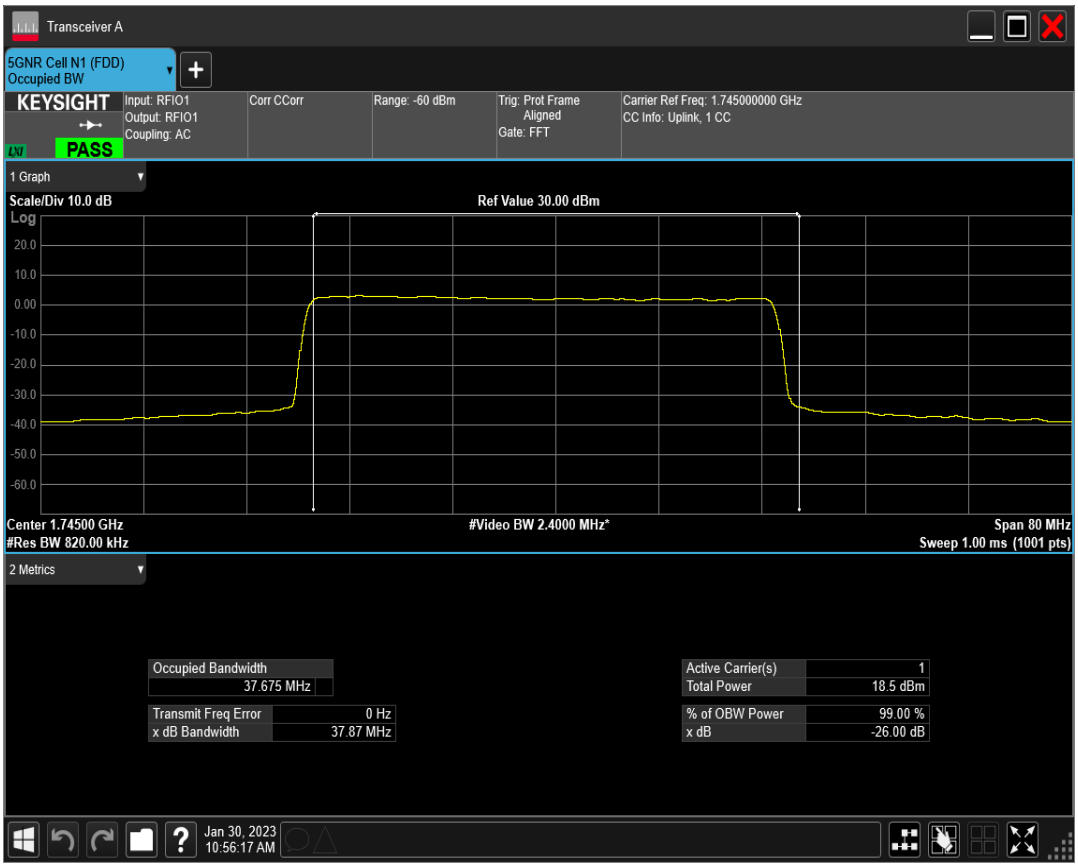
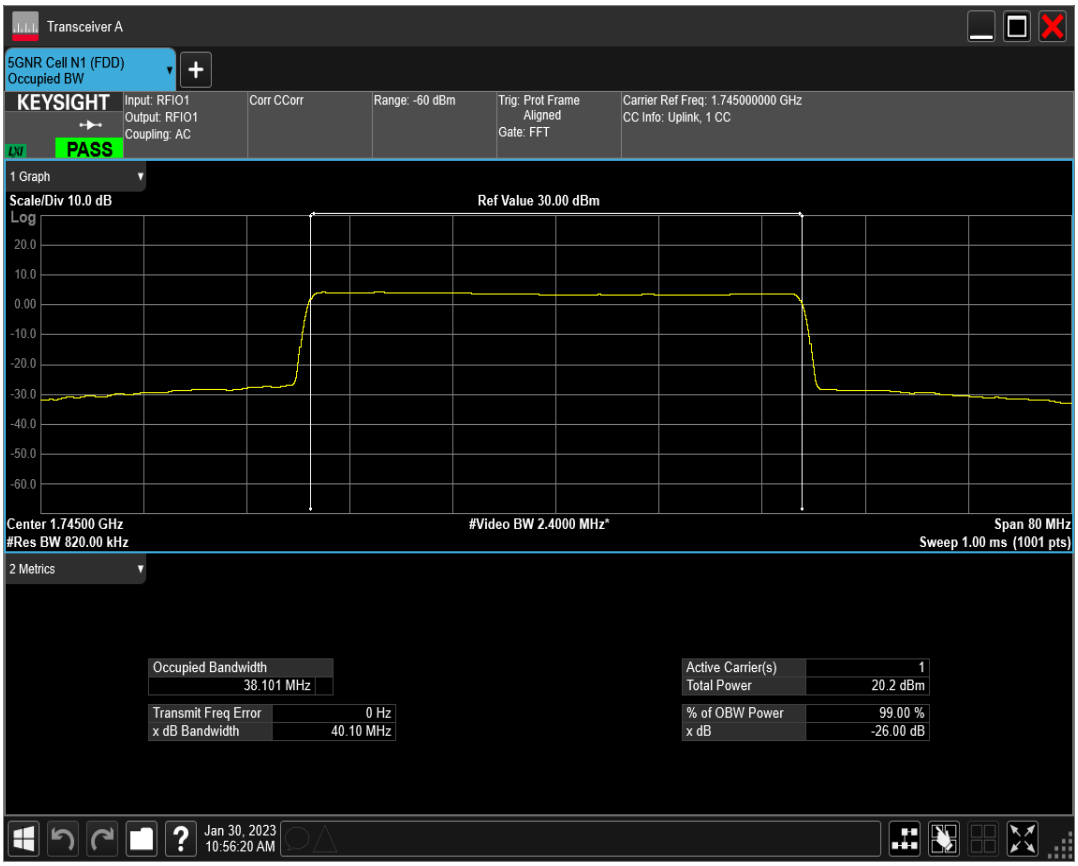
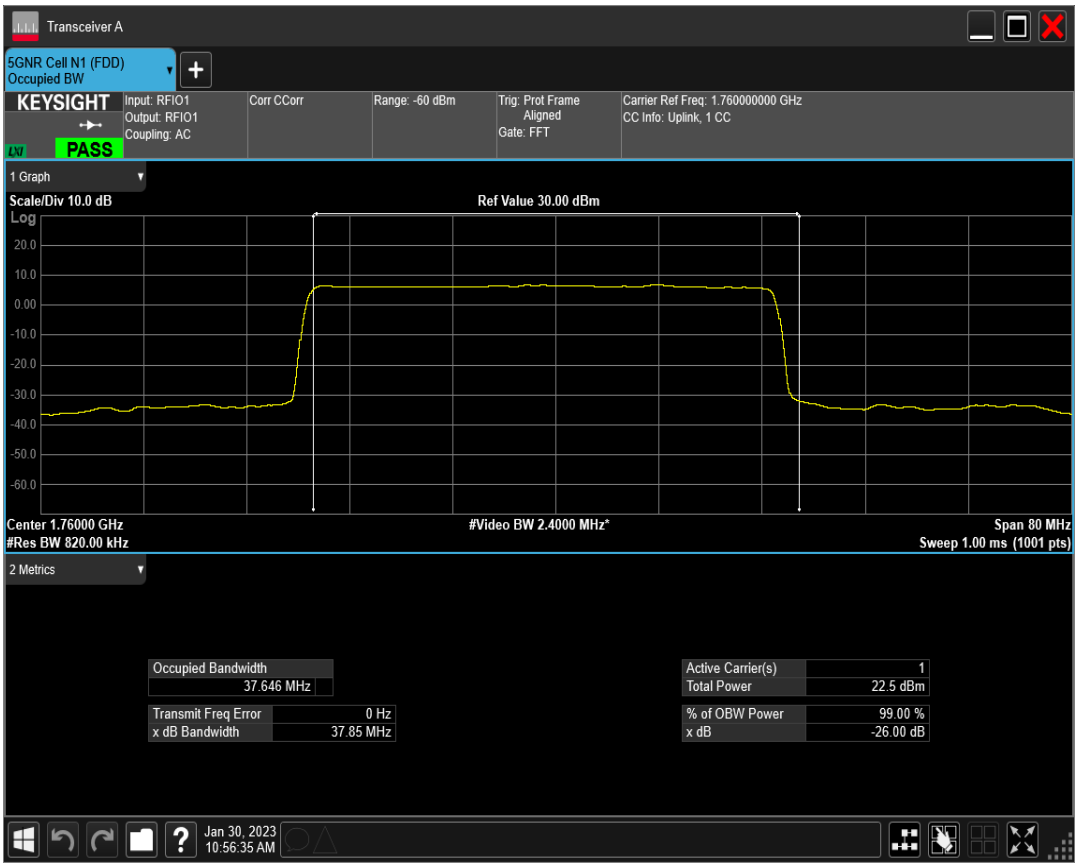


n66 SCS=30kHz CP_QPSK BW=40MHz Channel=349000 RB=106@0

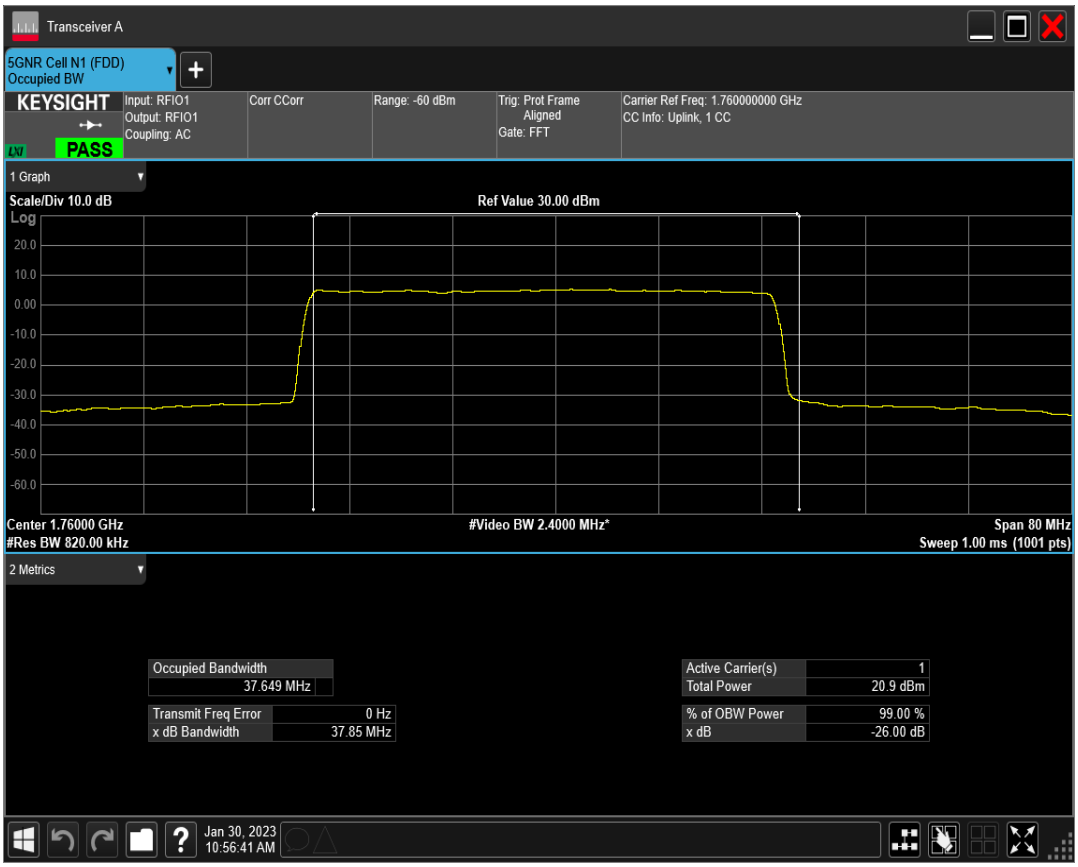


n66 SCS=30kHz DFT_BPSK BW=40MHz Channel=352000 RB=100@0



n66 SCS=30kHz DFT_QPSK BW=40MHz Channel=352000 RB=100@0

n66 SCS=30kHz DFT_QAM16 BW=40MHz Channel=352000 RB=100@0



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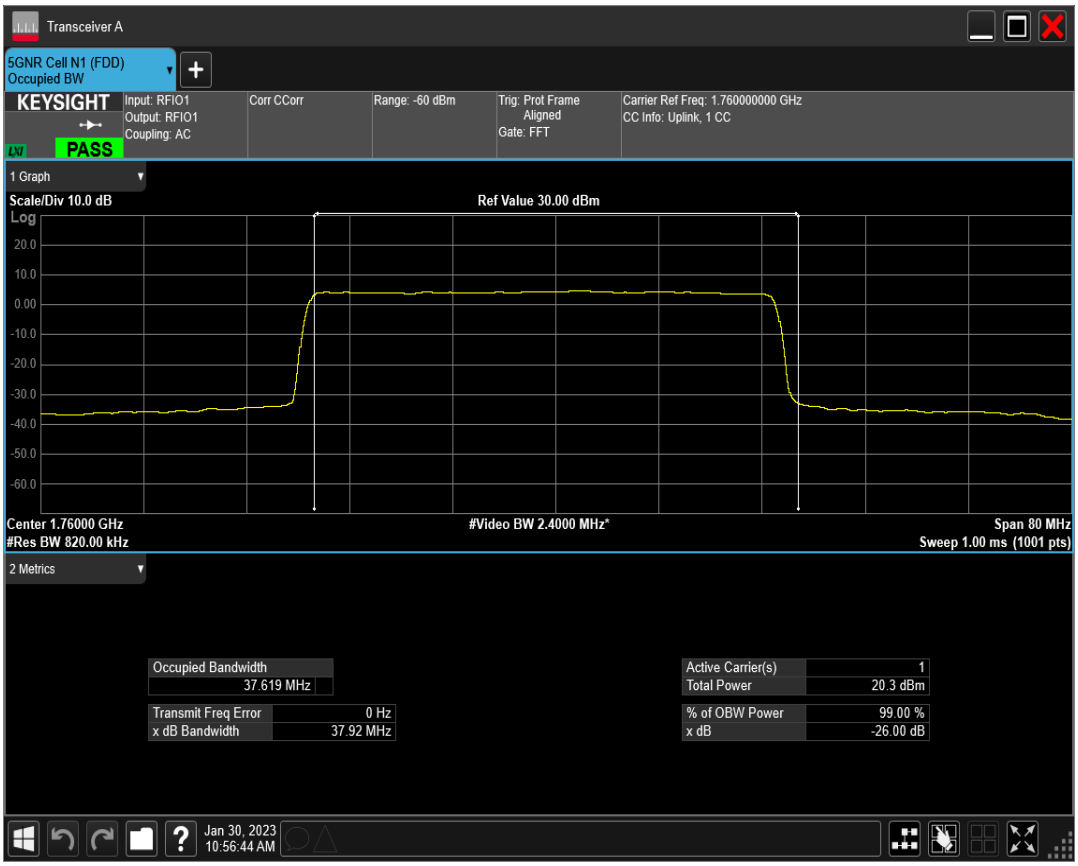
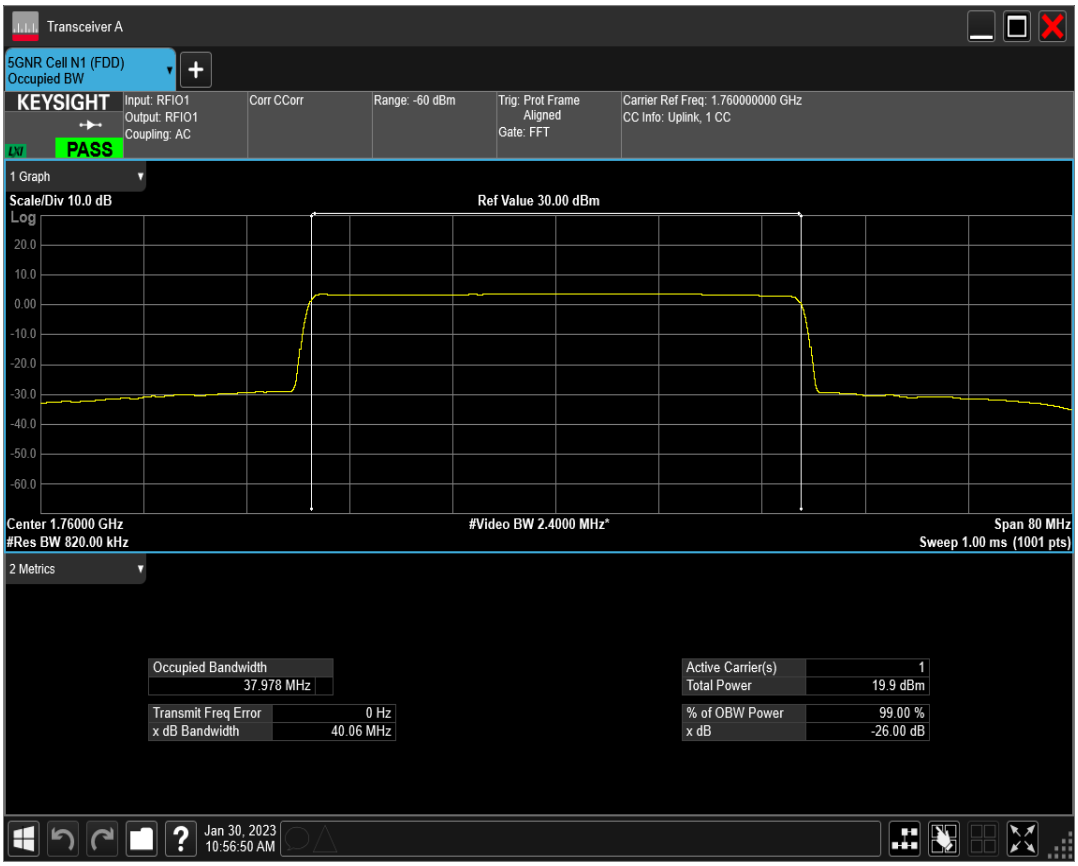


n66 SCS=30kHz DFT_QAM256 BW=40MHz Channel=352000 RB=100@0

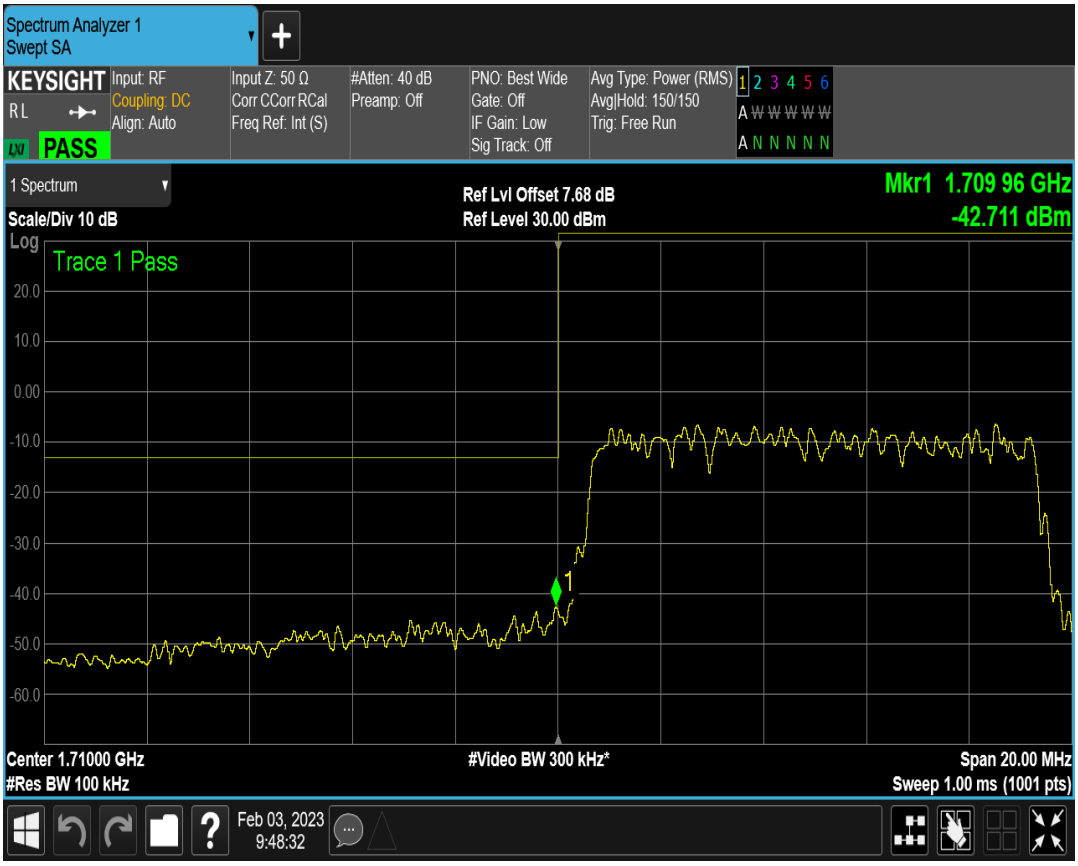
n66 SCS=30kHz CP_QPSK BW=40MHz Channel=352000 RB=106@0



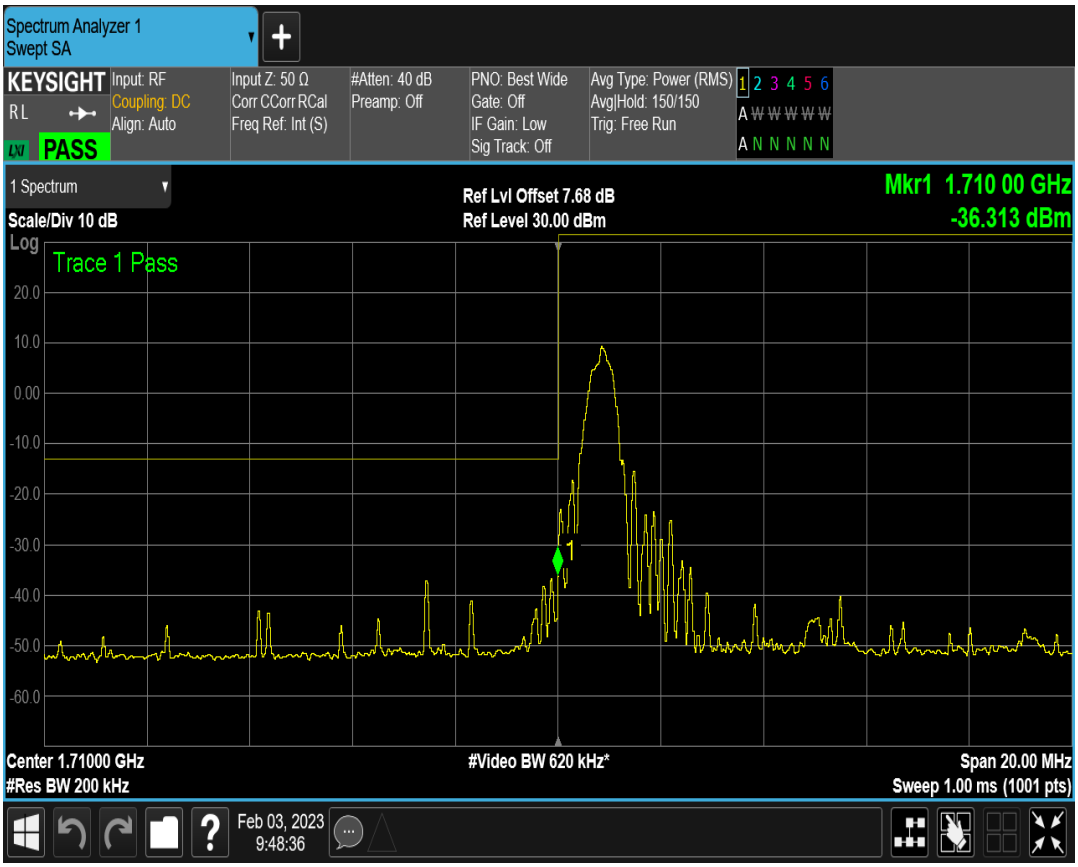
5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n66	30	10	343000	24@0	DFT_QPSK	1709.96	-42.71	-13	PASS
n66	30	10	343000	1@0	DFT_QPSK	1710.00	-36.31	-13	PASS
n66	30	10	355000	24@0	DFT_QPSK	1780.54	-38.33	-13	PASS
n66	30	10	355000	1@23	DFT_QPSK	1780.08	-31.21	-13	PASS
n66	30	40	346000	100@0	DFT_QPSK	1709.92	-39.69	-13	PASS
n66	30	40	346000	1@0	DFT_QPSK	1709.60	-38.16	-13	PASS
n66	30	40	352000	100@0	DFT_QPSK	1787.92	-43.29	-13	PASS
n66	30	40	352000	1@105	DFT_QPSK	1781.28	-43.12	-13	PASS

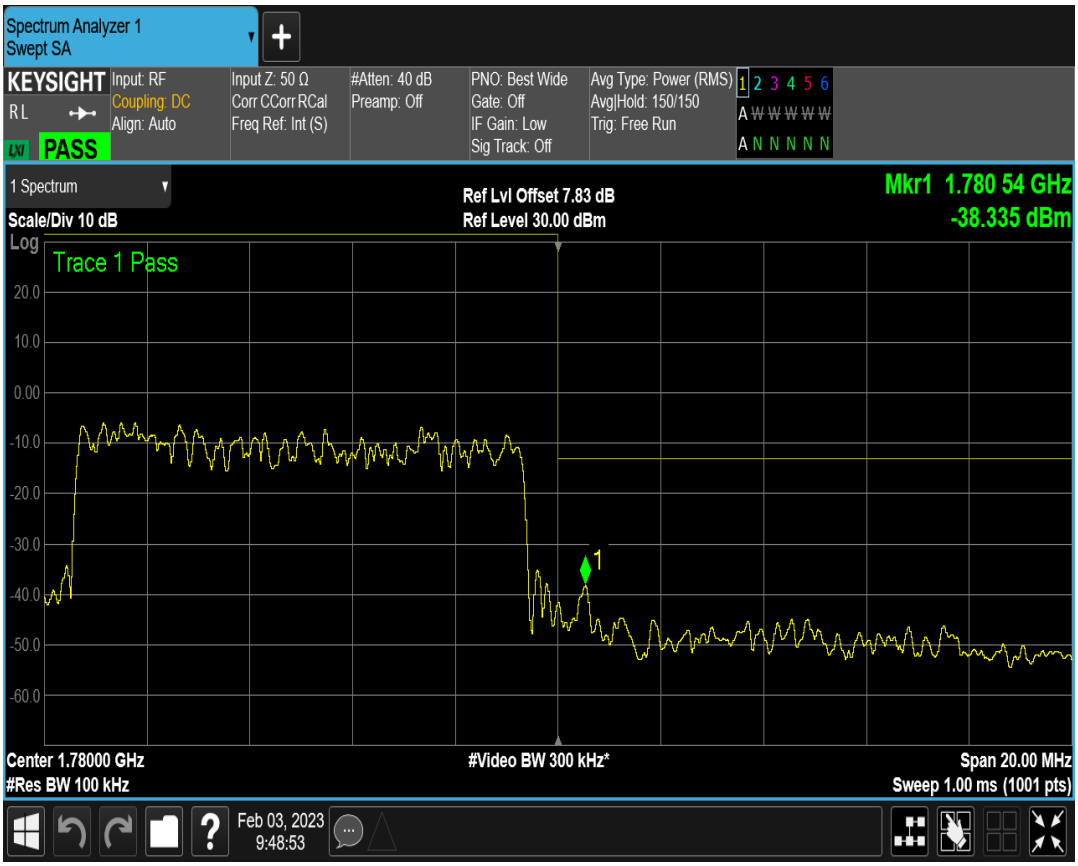
n66 SCS=30kHz DFT_QPSK BW=10MHz Channel=343000 RB=24@0



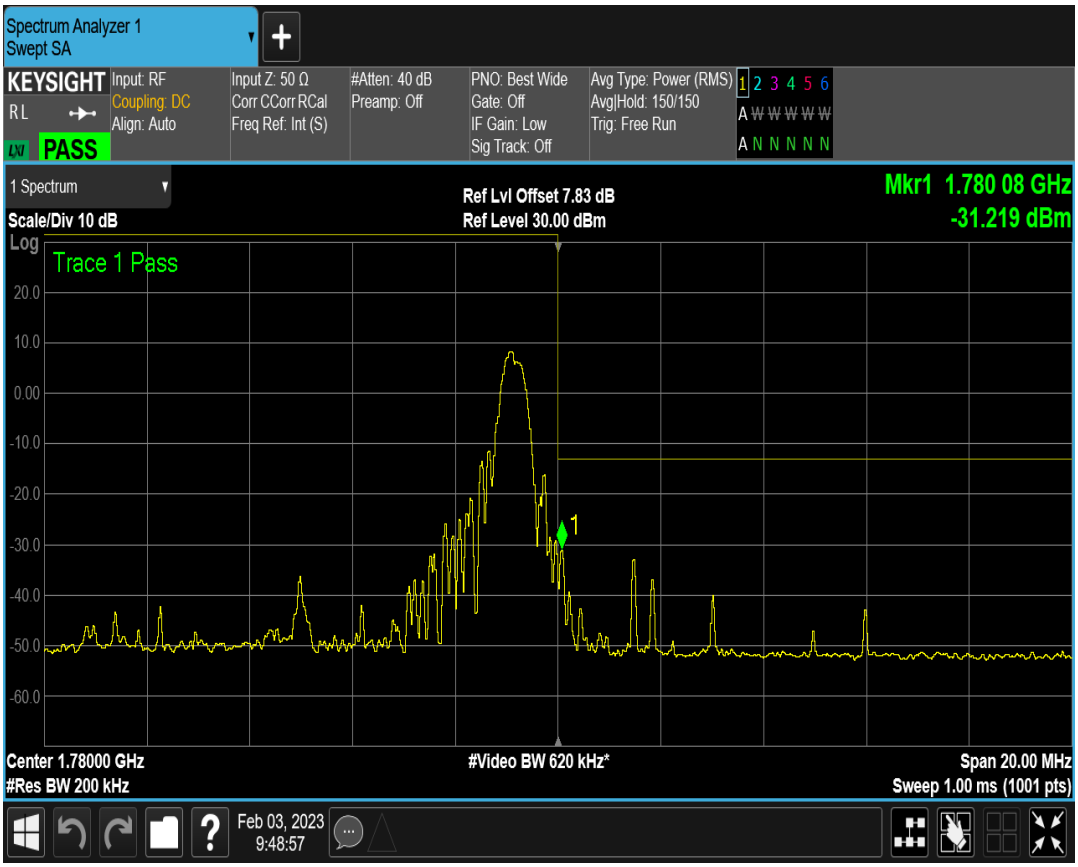
n66 SCS=30kHz DFT_QPSK BW=10MHz Channel=343000 RB=1@0



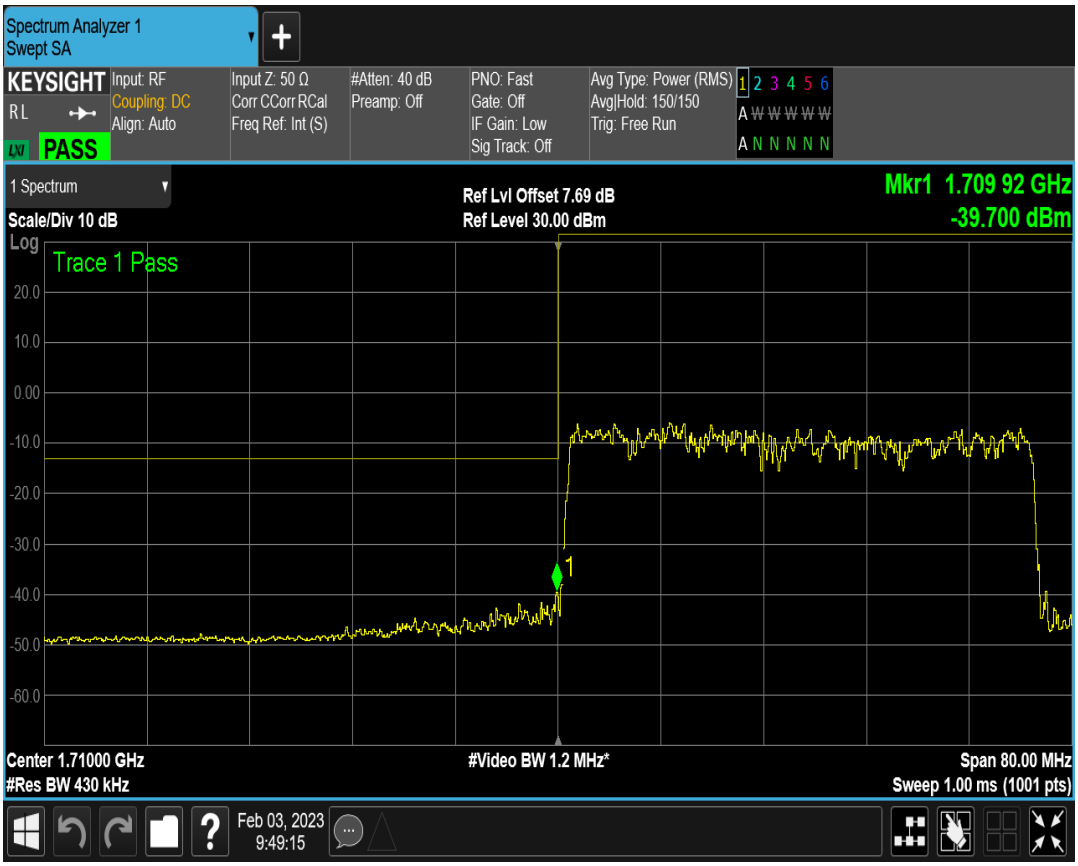
n66 SCS=30kHz DFT_QPSK BW=10MHz Channel=355000 RB=24@0



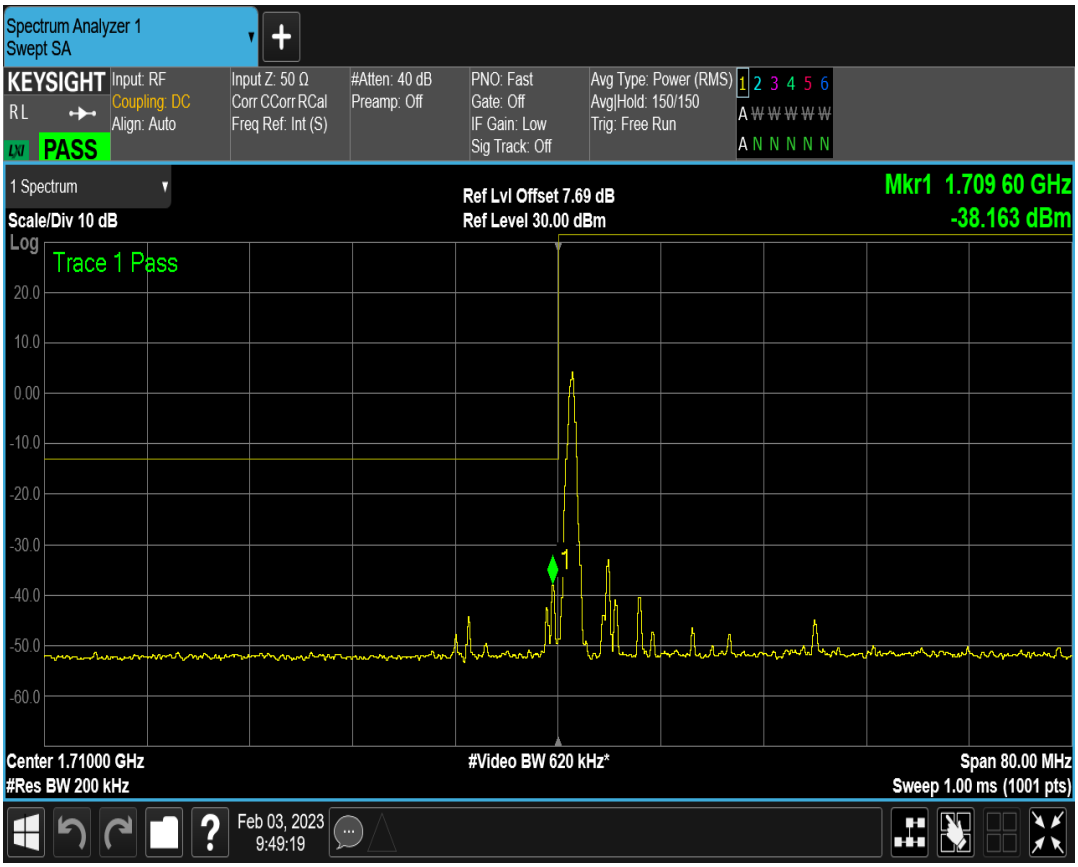
n66 SCS=30kHz DFT_QPSK BW=10MHz Channel=355000 RB=1@23



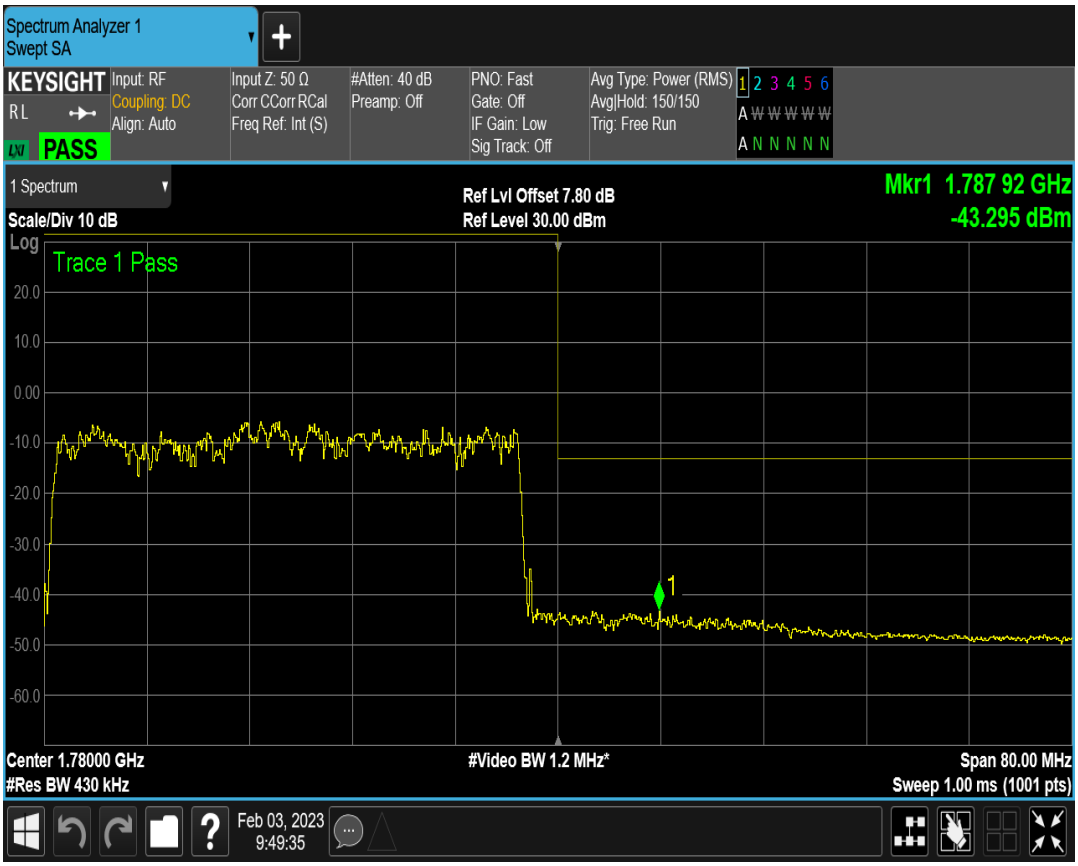
n66 SCS=30kHz DFT_QPSK BW=40MHz Channel=346000 RB=100@0



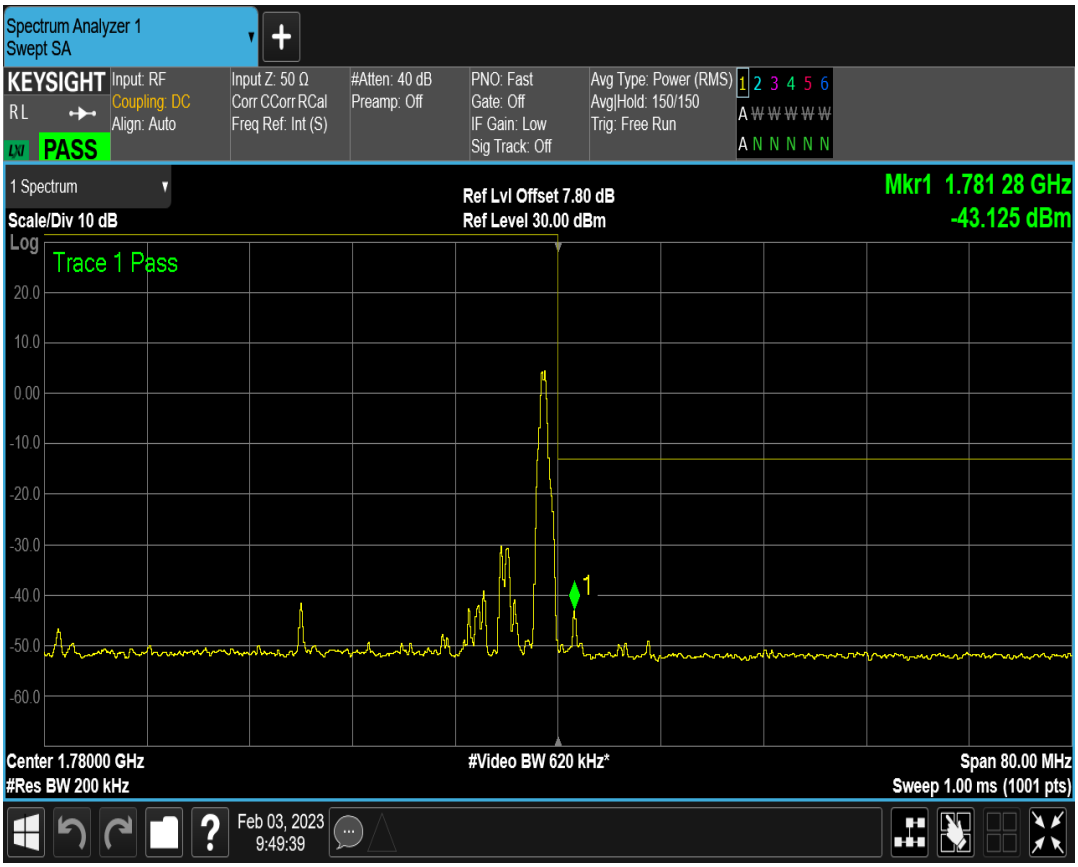
n66 SCS=30kHz DFT_QPSK BW=40MHz Channel=346000 RB=1@0



n66 SCS=30kHz DFT_QPSK BW=40MHz Channel=352000 RB=100@0



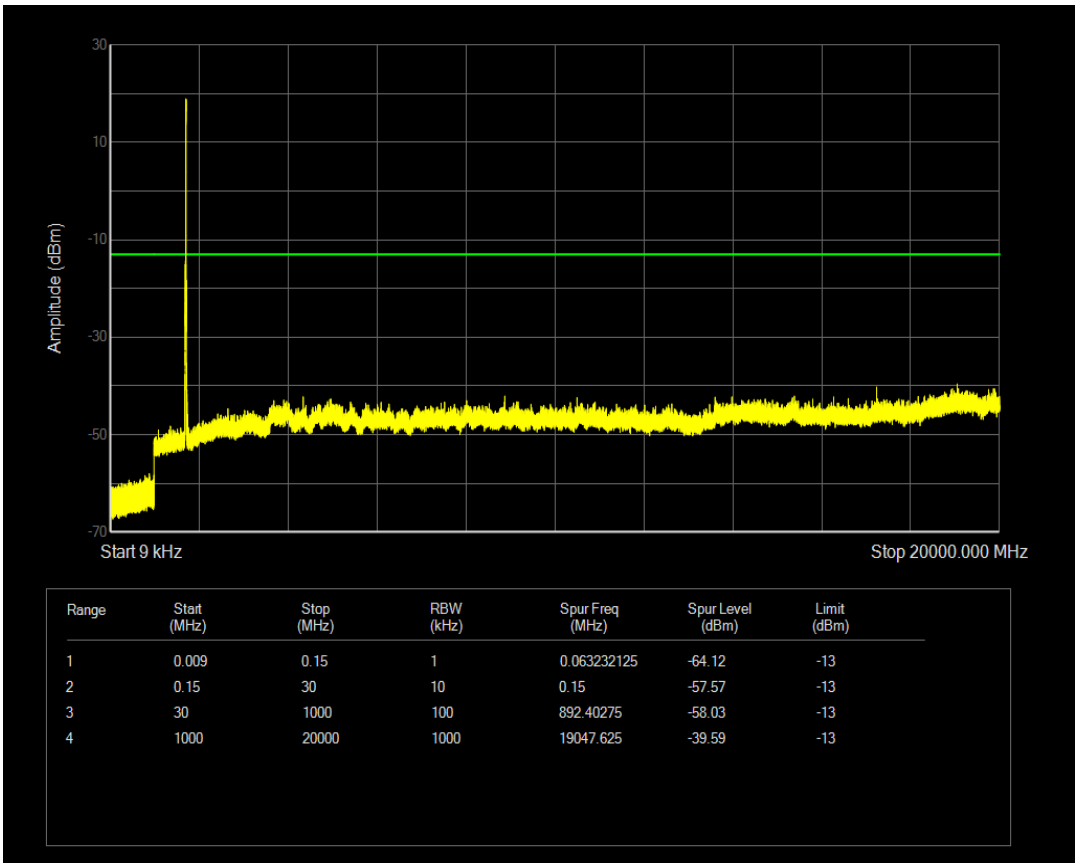
n66 SCS=30kHz DFT_QPSK BW=40MHz Channel=352000 RB=1@105


Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corr CCorr RCal
Freq Ref: Int (S)
#Atten: 40 dB
Preamp: Off
PNO: Fast
Gate: Off
IF Gain: Low
Sig Track: Off
Avg Type: Power (RMS)
Avg|Hold: 150/150
Trig: Free Run
PASS
1 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 7.80 dB
Ref Level 30.00 dBm
Mkr1 1.781 28 GHz
-43.125 dBm
Trace 1 Pass
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
Center 1.78000 GHz
#Res BW 200 kHz
#Video BW 620 kHz*
Span 80.00 MHz
Sweep 1.00 ms (1001 pts)
Feb 03, 2023
9:49:39

6 Out-of-band emissions for NR FR1

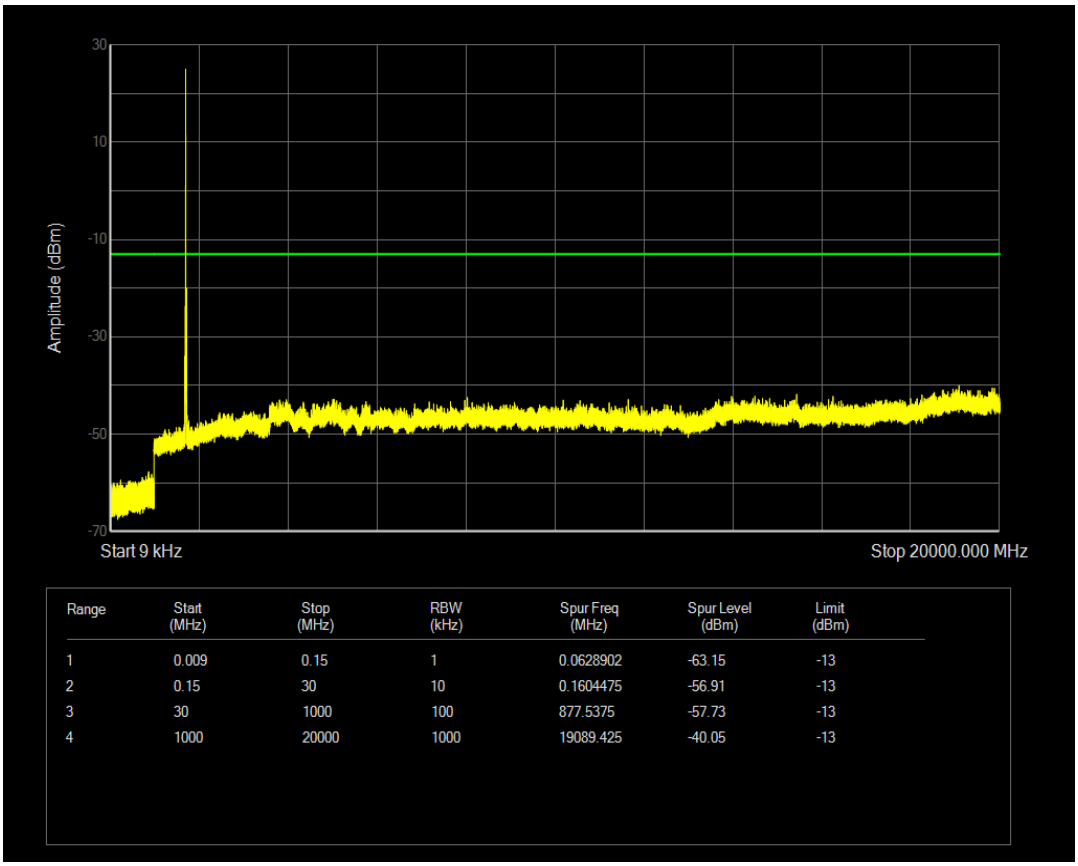
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n66	30	10	343000	24@0	DFT_QPSK	19047.63	-39.59	-13	PASS
n66	30	10	343000	1@0	DFT_QPSK	19089.43	-40.05	-13	PASS
n66	30	10	343000	1@23	DFT_QPSK	19054.75	-39.81	-13	PASS
n66	30	10	349000	24@0	DFT_QPSK	19943.48	-40.30	-13	PASS
n66	30	10	349000	1@0	DFT_QPSK	19830.43	-39.72	-13	PASS
n66	30	10	349000	1@23	DFT_QPSK	19772.95	-39.54	-13	PASS
n66	30	10	355000	24@0	DFT_QPSK	19824.25	-40.05	-13	PASS
n66	30	10	355000	1@0	DFT_QPSK	19069.00	-40.15	-13	PASS
n66	30	10	355000	1@23	DFT_QPSK	19187.28	-40.15	-13	PASS
n66	30	40	346000	100@0	DFT_QPSK	19754.90	-40.21	-13	PASS
n66	30	40	346000	1@0	DFT_QPSK	18980.18	-39.95	-13	PASS
n66	30	40	346000	1@105	DFT_QPSK	19237.63	-40.71	-13	PASS
n66	30	40	349000	100@0	DFT_QPSK	19129.33	-40.74	-13	PASS
n66	30	40	349000	1@0	DFT_QPSK	19204.85	-40.48	-13	PASS
n66	30	40	349000	1@105	DFT_QPSK	19518.35	-39.99	-13	PASS
n66	30	40	352000	100@0	DFT_QPSK	19292.73	-40.41	-13	PASS
n66	30	40	352000	1@0	DFT_QPSK	18933.15	-39.95	-13	PASS
n66	30	40	352000	1@105	DFT_QPSK	19357.80	-40.44	-13	PASS

n66 SCS=30kHz DFT_QPSK BW=10MHz Channel=343000 RB=24@0



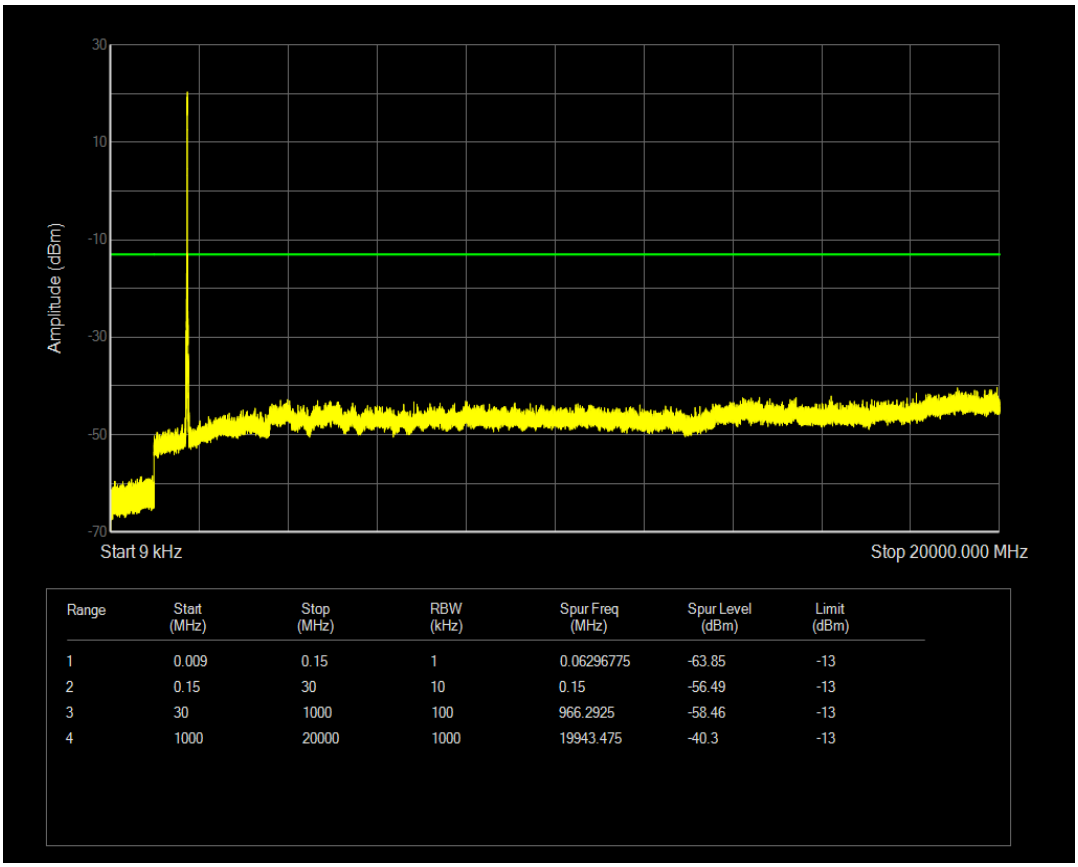
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.063232125	-64.12	-13
2	0.15	30	10	0.15	-57.57	-13
3	30	1000	100	892.40275	-58.03	-13
4	1000	20000	1000	19047.625	-39.59	-13

n66 SCS=30kHz DFT_QPSK BW=10MHz Channel=343000 RB=1@0



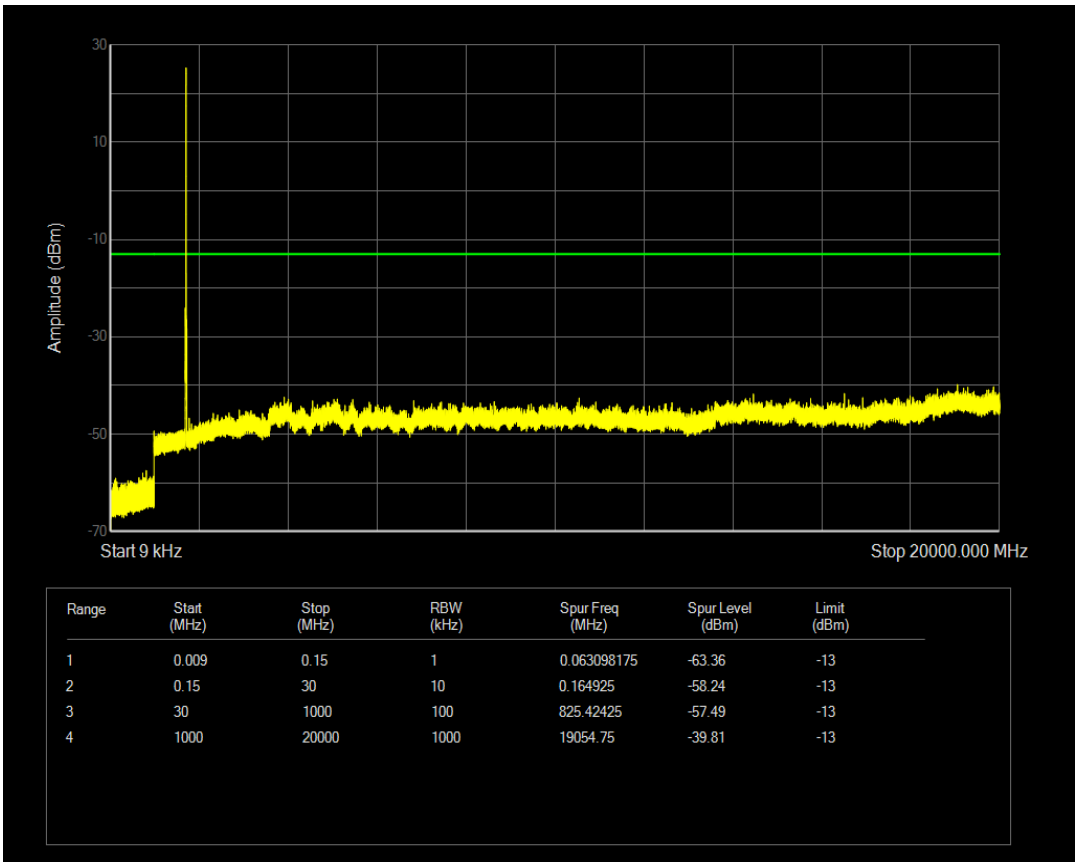
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0628902	-63.15	-13
2	0.15	30	10	0.1604475	-56.91	-13
3	30	1000	100	877.5375	-57.73	-13
4	1000	20000	1000	19089.425	-40.05	-13

n66 SCS=30kHz DFT_QPSK BW=10MHz Channel=349000 RB=24@0



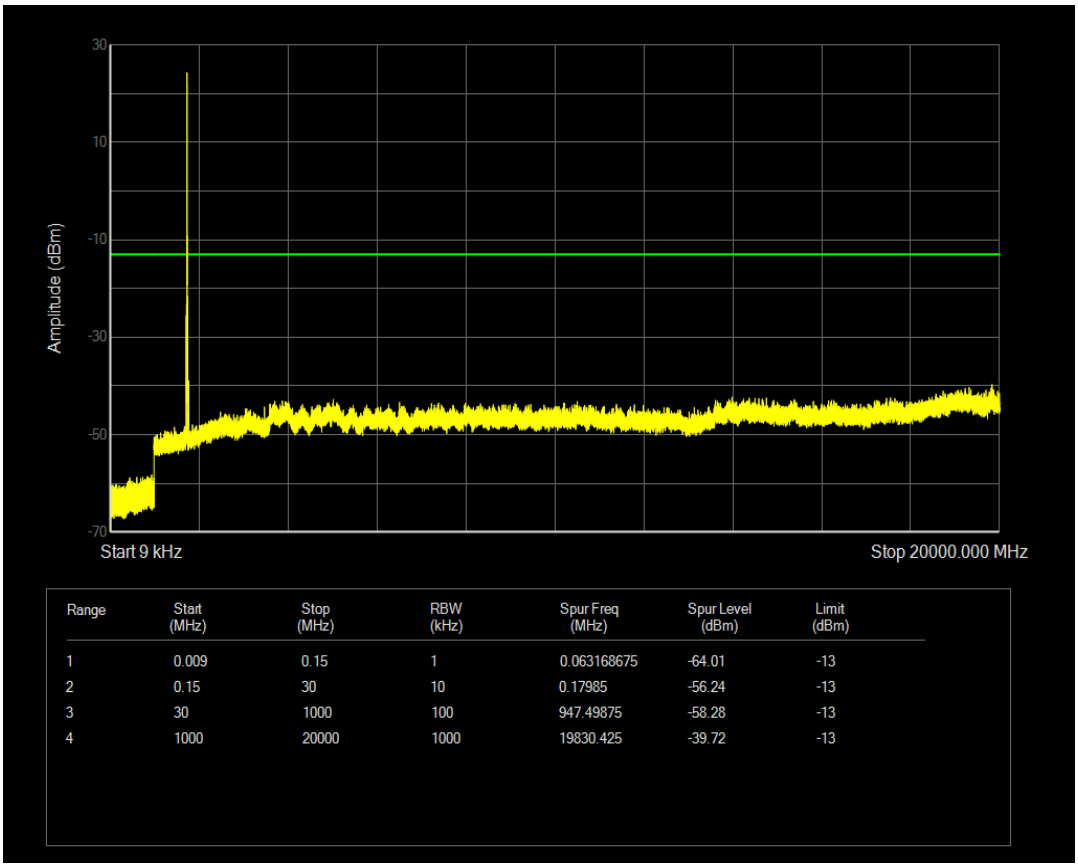
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.06296775	-63.85	-13
2	0.15	30	10	0.15	-56.49	-13
3	30	1000	100	966.2925	-58.46	-13
4	1000	20000	1000	19943.475	-40.3	-13

n66 SCS=30kHz DFT_QPSK BW=10MHz Channel=343000 RB=1@23



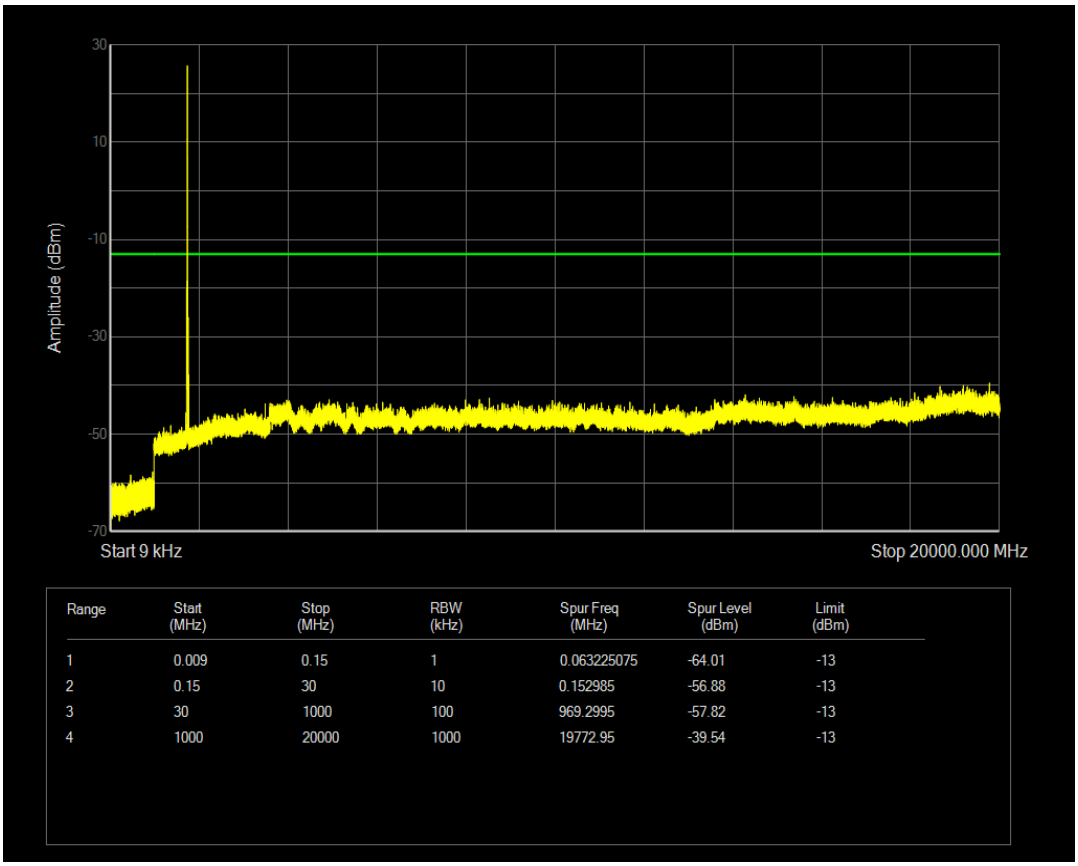
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.063098175	-63.36	-13
2	0.15	30	10	0.164925	-58.24	-13
3	30	1000	100	825.42425	-57.49	-13
4	1000	20000	1000	19054.75	-39.81	-13

n66 SCS=30kHz DFT_QPSK BW=10MHz Channel=349000 RB=1@0



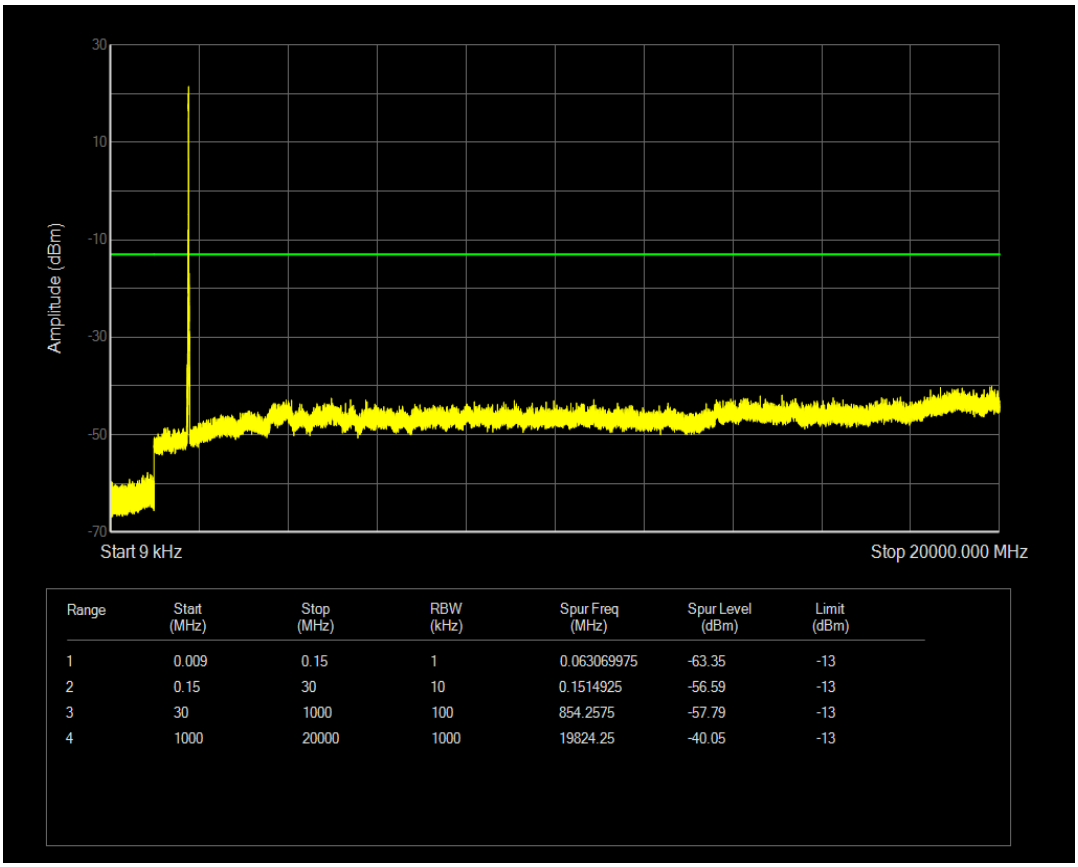
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.063168675	-64.01	-13
2	0.15	30	10	0.17985	-56.24	-13
3	30	1000	100	947.49875	-58.28	-13
4	1000	20000	1000	19830.425	-39.72	-13

n66 SCS=30kHz DFT_QPSK BW=10MHz Channel=349000 RB=1@23



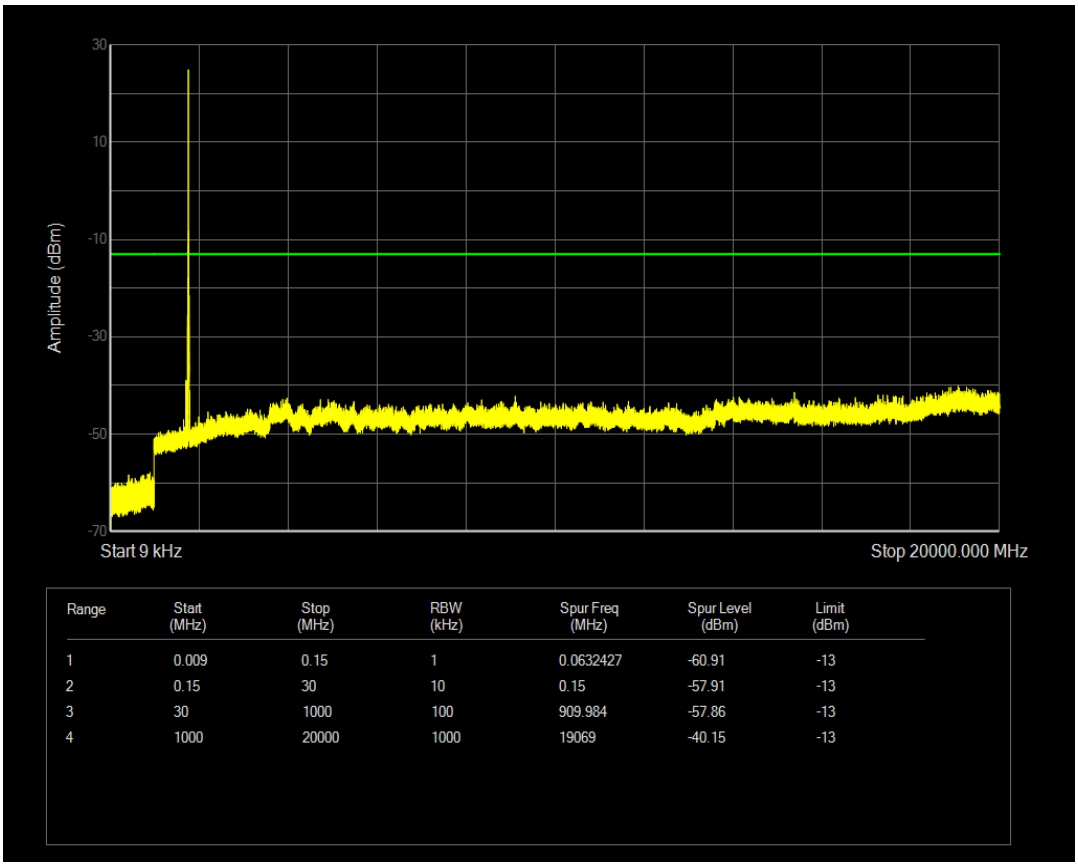
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.063225075	-64.01	-13
2	0.15	30	10	0.152985	-56.88	-13
3	30	1000	100	969.2995	-57.82	-13
4	1000	20000	1000	19772.95	-39.54	-13

n66 SCS=30kHz DFT_QPSK BW=10MHz Channel=355000 RB=24@0



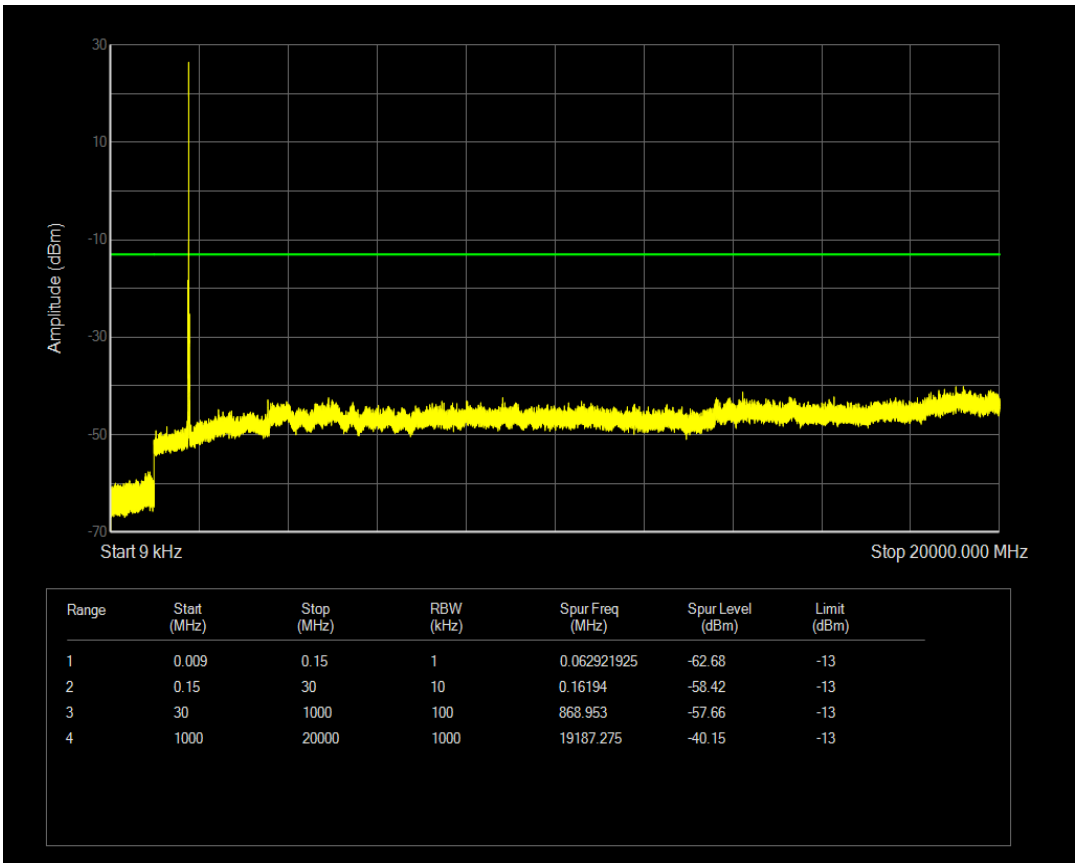
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.063069975	-63.35	-13
2	0.15	30	10	0.1514925	-56.59	-13
3	30	1000	100	854.2575	-57.79	-13
4	1000	20000	1000	19824.25	-40.05	-13

n66 SCS=30kHz DFT_QPSK BW=10MHz Channel=355000 RB=1@0



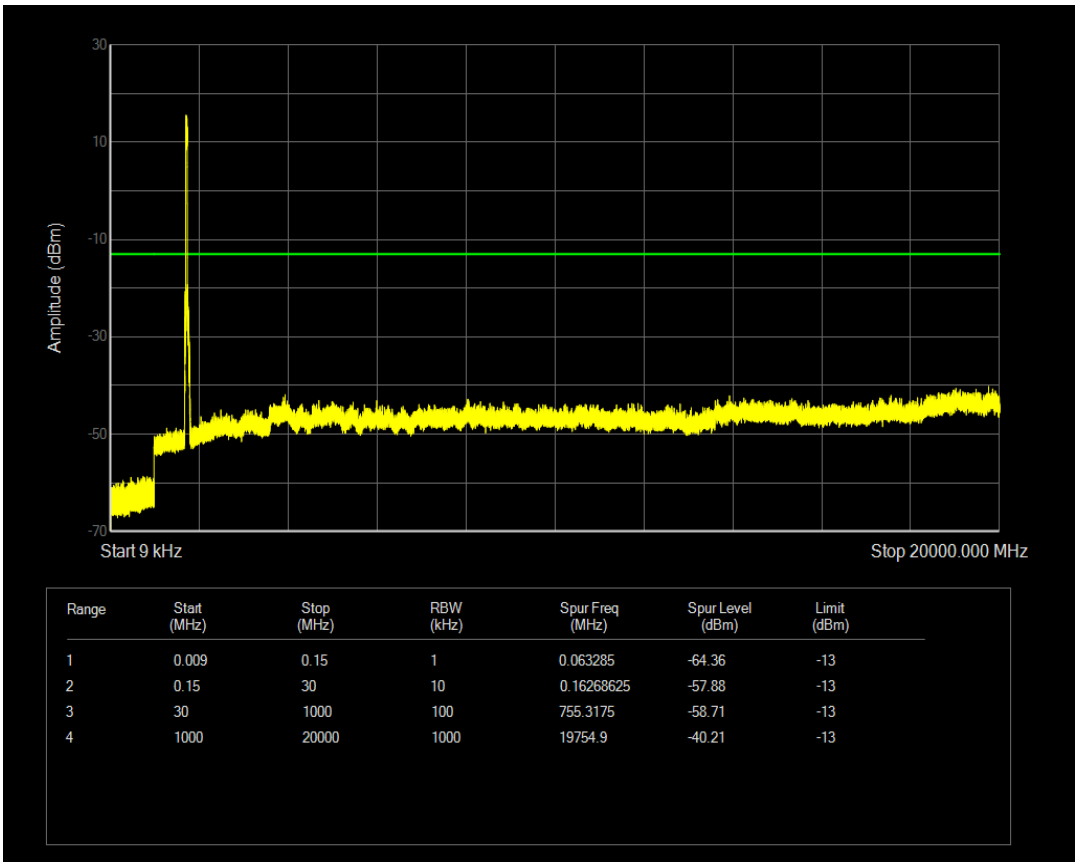
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0632427	-60.91	-13
2	0.15	30	10	0.15	-57.91	-13
3	30	1000	100	909.984	-57.86	-13
4	1000	20000	1000	19069	-40.15	-13

n66 SCS=30kHz DFT_QPSK BW=10MHz Channel=355000 RB=1@23



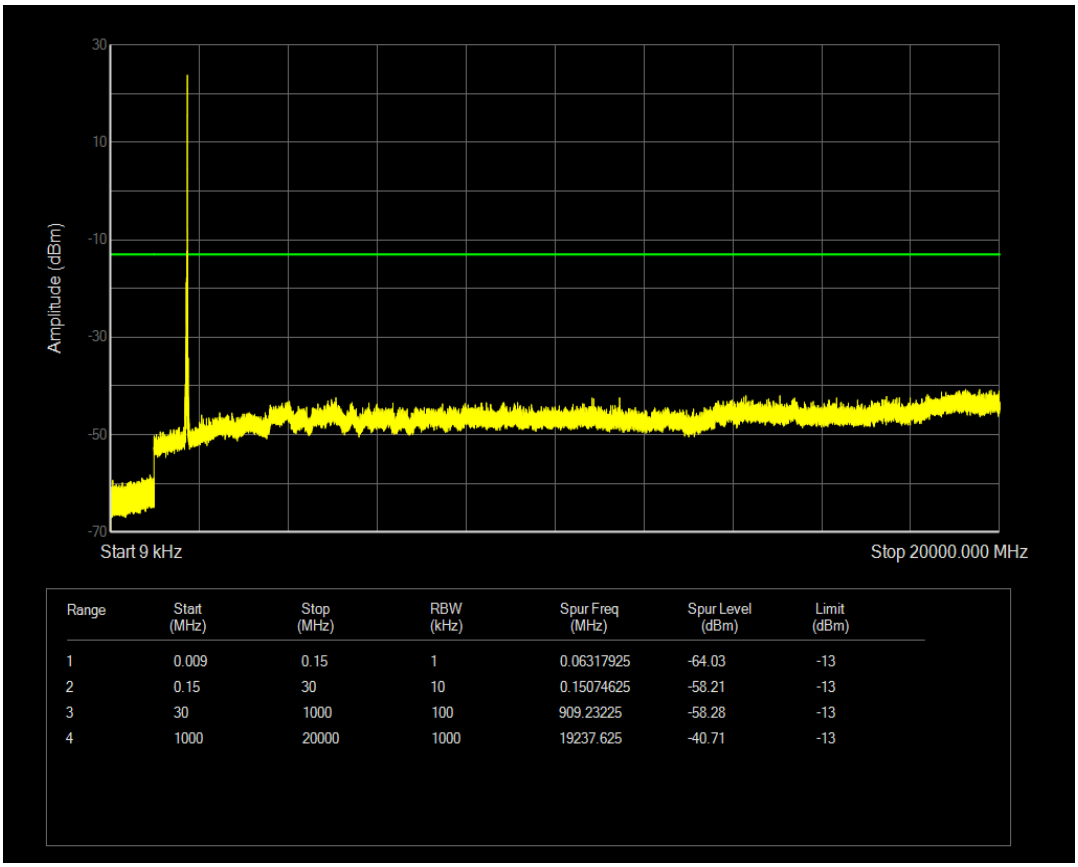
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.062921925	-62.68	-13
2	0.15	30	10	0.16194	-58.42	-13
3	30	1000	100	868.953	-57.66	-13
4	1000	20000	1000	19187.275	-40.15	-13

n66 SCS=30kHz DFT_QPSK BW=40MHz Channel=346000 RB=100@0



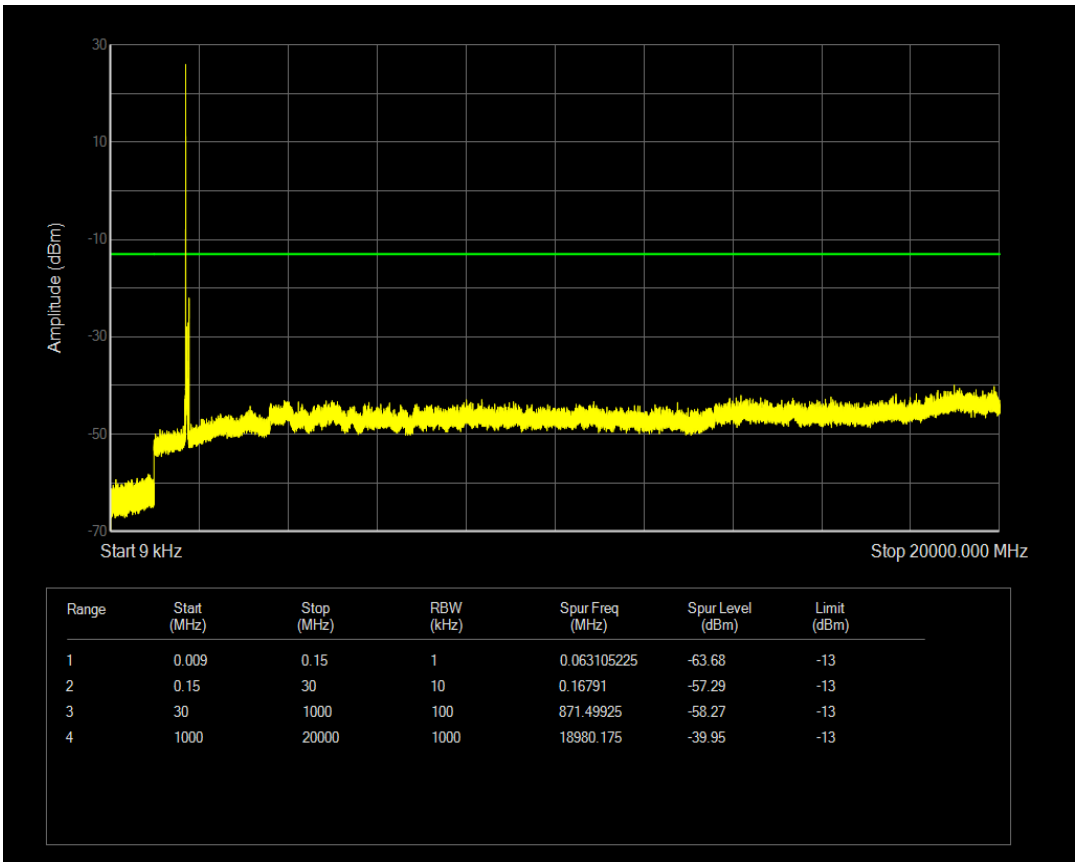
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.063285	-64.36	-13
2	0.15	30	10	0.16268625	-57.88	-13
3	30	1000	100	755.3175	-58.71	-13
4	1000	20000	1000	19754.9	-40.21	-13

n66 SCS=30kHz DFT_QPSK BW=40MHz Channel=346000 RB=1@105



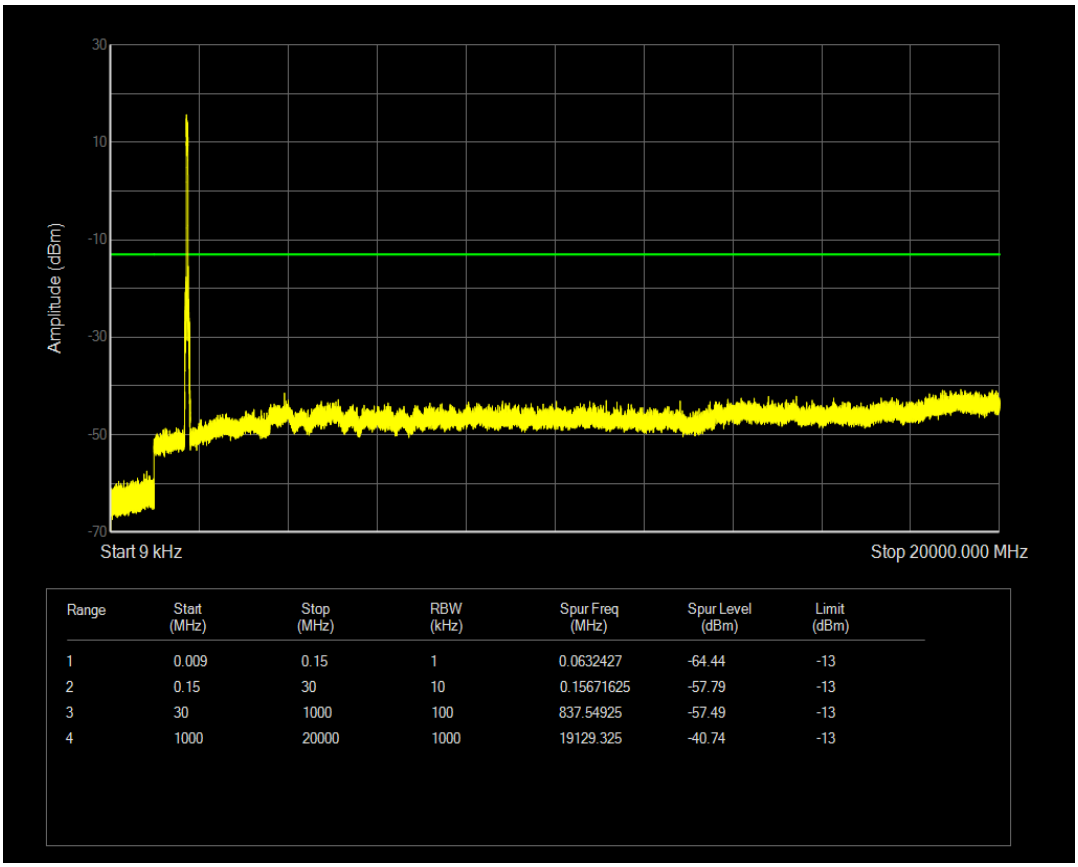
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.06317925	-64.03	-13
2	0.15	30	10	0.15074625	-58.21	-13
3	30	1000	100	909.23225	-58.28	-13
4	1000	20000	1000	19237.625	-40.71	-13

n66 SCS=30kHz DFT_QPSK BW=40MHz Channel=346000 RB=1@0



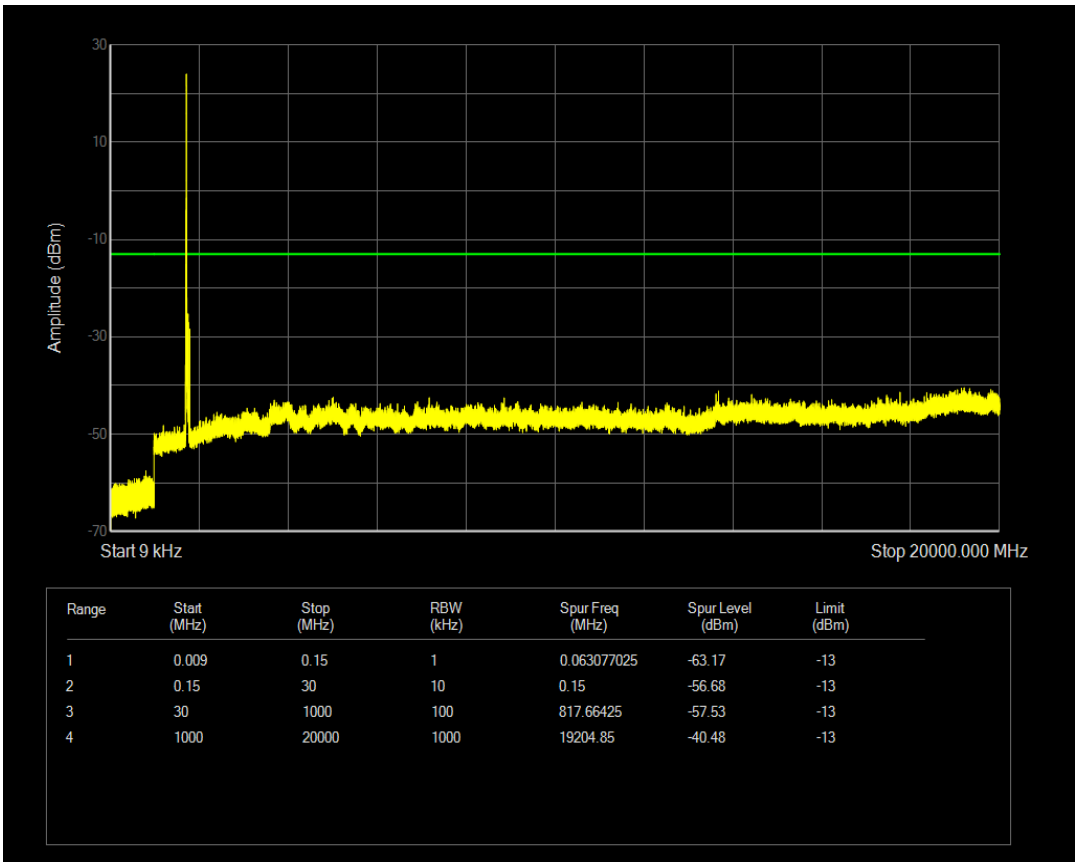
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.063105225	-63.68	-13
2	0.15	30	10	0.16791	-57.29	-13
3	30	1000	100	871.49925	-58.27	-13
4	1000	20000	1000	18980.175	-39.95	-13

n66 SCS=30kHz DFT_QPSK BW=40MHz Channel=349000 RB=100@0



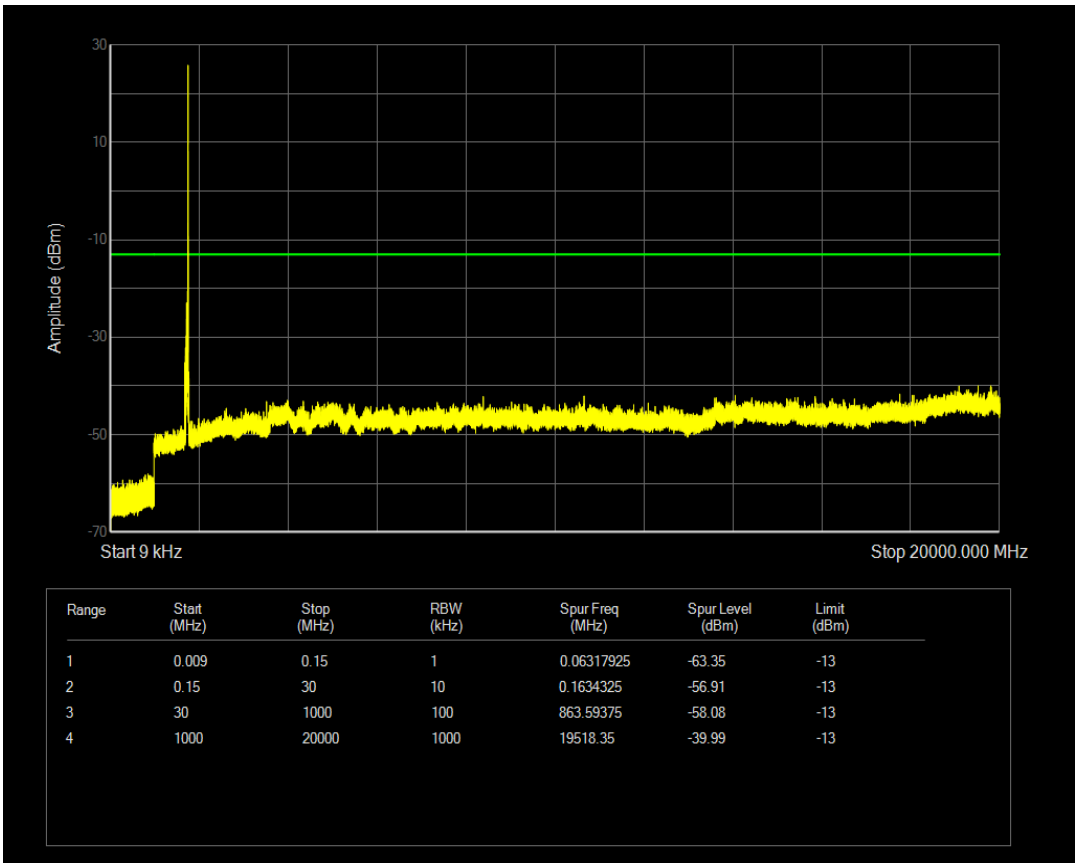
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0632427	-64.44	-13
2	0.15	30	10	0.15671625	-57.79	-13
3	30	1000	100	837.54925	-57.49	-13
4	1000	20000	1000	19129.325	-40.74	-13

n66 SCS=30kHz DFT_QPSK BW=40MHz Channel=349000 RB=1@0



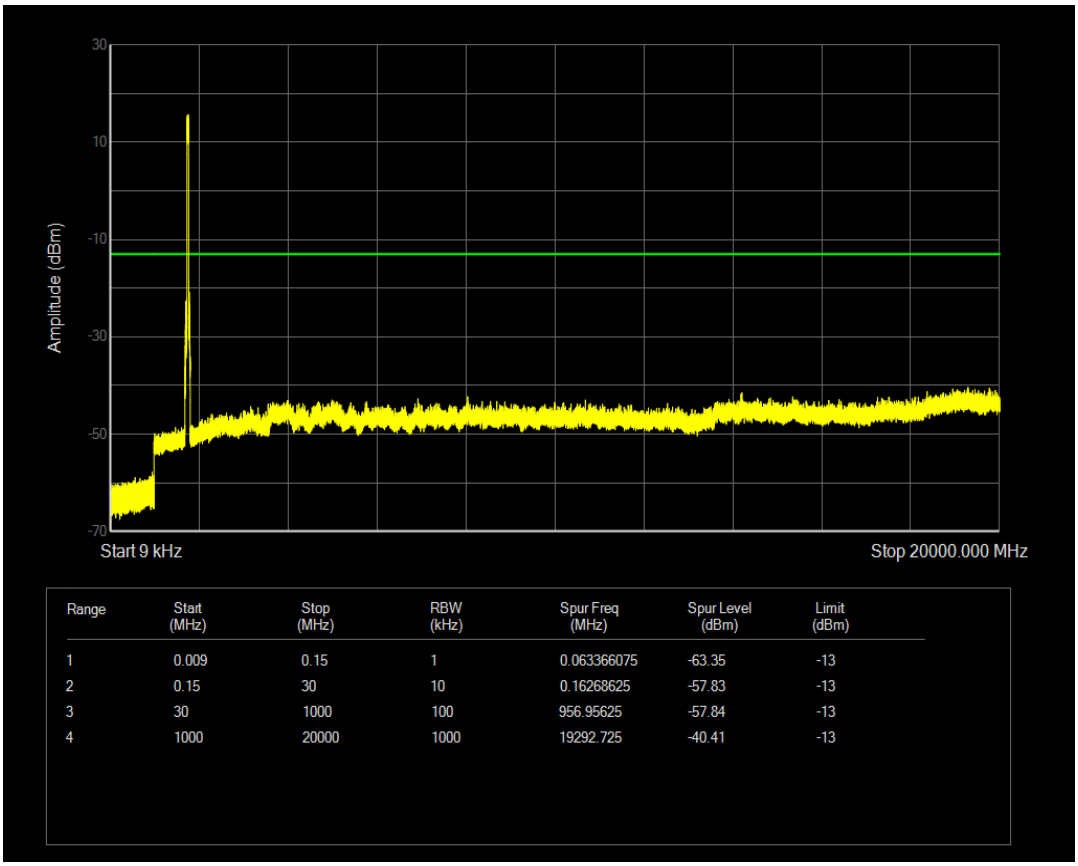
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.063077025	-63.17	-13
2	0.15	30	10	0.15	-56.68	-13
3	30	1000	100	817.66425	-57.53	-13
4	1000	20000	1000	19204.85	-40.48	-13

n66 SCS=30kHz DFT_QPSK BW=40MHz Channel=349000 RB=1@105



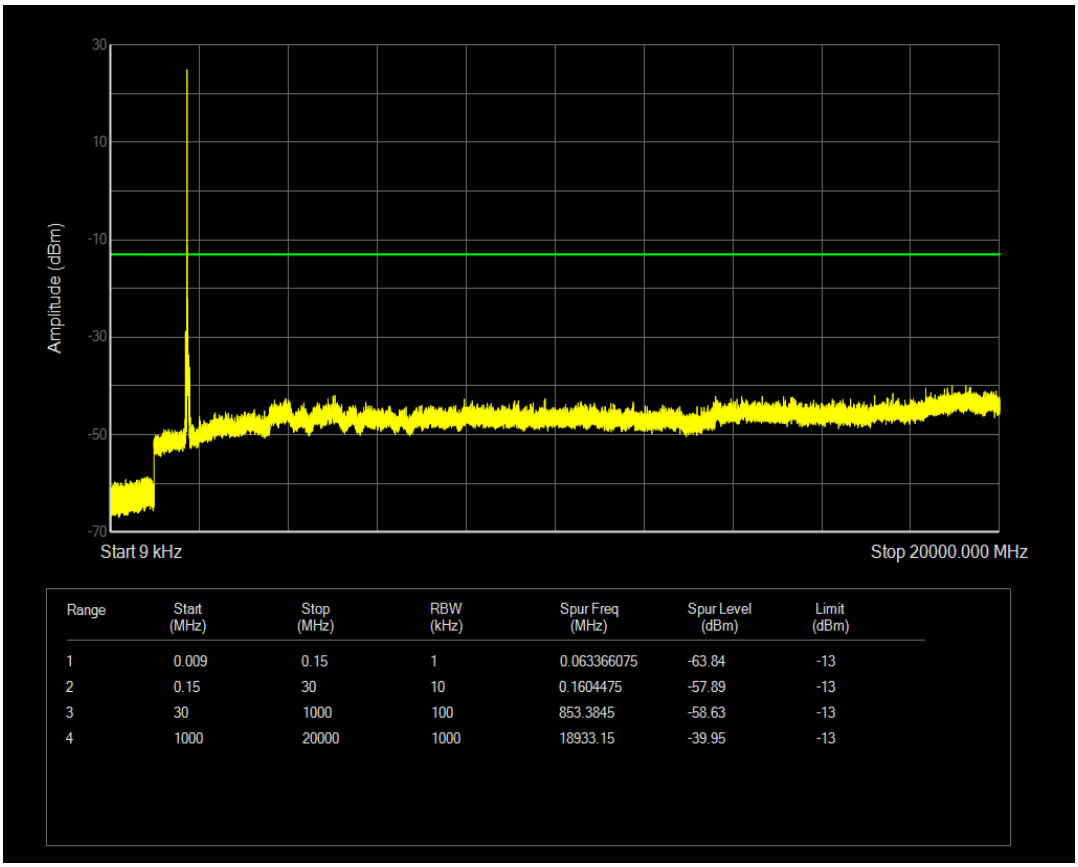
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.06317925	-63.35	-13
2	0.15	30	10	0.1634325	-56.91	-13
3	30	1000	100	863.59375	-58.08	-13
4	1000	20000	1000	19518.35	-39.99	-13

n66 SCS=30kHz DFT_QPSK BW=40MHz Channel=352000 RB=100@0



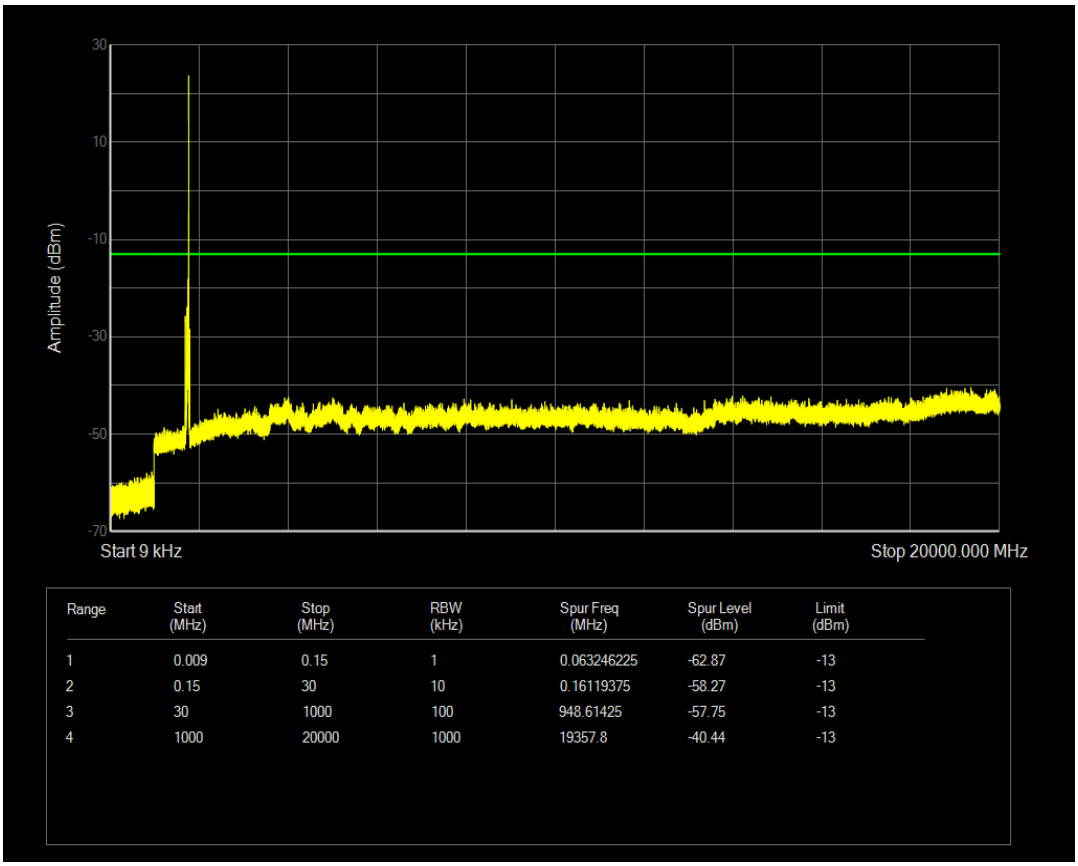
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.063366075	-63.35	-13
2	0.15	30	10	0.16268625	-57.83	-13
3	30	1000	100	956.95625	-57.84	-13
4	1000	20000	1000	19292.725	-40.41	-13

n66 SCS=30kHz DFT_QPSK BW=40MHz Channel=352000 RB=1@0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.063366075	-63.84	-13
2	0.15	30	10	0.1604475	-57.89	-13
3	30	1000	100	853.3845	-58.63	-13
4	1000	20000	1000	18933.15	-39.95	-13

n66 SCS=30kHz DFT_QPSK BW=40MHz Channel=352000 RB=1@105



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.063246225	-62.87	-13
2	0.15	30	10	0.16119375	-58.27	-13
3	30	1000	100	948.61425	-57.75	-13
4	1000	20000	1000	19357.8	-40.44	-13