

# 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
n7	30	10	501000	12@6	DFT_BPSK	23.05	-0.5	22.55	33	PASS
n7	30	10	501000	1@1	DFT_BPSK	22.92	-0.5	22.42	33	PASS
n7	30	10	501000	1@22	DFT_BPSK	22.95	-0.5	22.45	33	PASS
n7	30	10	501000	12@6	DFT_QPSK	23.08	-0.5	22.58	33	PASS
n7	30	10	501000	1@1	DFT_QPSK	22.92	-0.5	22.42	33	PASS
n7	30	10	501000	1@22	DFT_QPSK	22.90	-0.5	22.40	33	PASS
n7	30	10	501000	12@6	DFT_QAM16	22.06	-0.5	21.56	33	PASS
n7	30	10	501000	1@1	DFT_QAM16	22.06	-0.5	21.56	33	PASS
n7	30	10	501000	1@22	DFT_QAM16	22.04	-0.5	21.54	33	PASS
n7	30	10	501000	12@6	DFT_QAM64	20.56	-0.5	20.06	33	PASS
n7	30	10	501000	1@1	DFT_QAM64	20.75	-0.5	20.25	33	PASS
n7	30	10	501000	1@22	DFT_QAM64	20.68	-0.5	20.18	33	PASS
n7	30	10	501000	12@6	DFT_QAM256	18.53	-0.5	18.03	33	PASS
n7	30	10	501000	1@1	DFT_QAM256	18.87	-0.5	18.37	33	PASS
n7	30	10	501000	1@22	DFT_QAM256	19.05	-0.5	18.55	33	PASS
n7	30	10	501000	12@6	CP_QPSK	21.64	-0.5	21.14	33	PASS
n7	30	10	501000	1@1	CP_QPSK	21.24	-0.5	20.74	33	PASS
n7	30	10	501000	1@22	CP_QPSK	21.38	-0.5	20.88	33	PASS
n7	30	10	501000	12@6	CP_QAM16	21.13	-0.5	20.63	33	PASS
n7	30	10	501000	1@1	CP_QAM16	21.26	-0.5	20.76	33	PASS
n7	30	10	501000	1@22	CP_QAM16	21.15	-0.5	20.65	33	PASS
n7	30	10	501000	12@6	CP_QAM64	19.60	-0.5	19.10	33	PASS
n7	30	10	501000	1@1	CP_QAM64	19.54	-0.5	19.04	33	PASS
n7	30	10	501000	1@22	CP_QAM64	19.84	-0.5	19.34	33	PASS
n7	30	10	501000	12@6	CP_QAM256	16.62	-0.5	16.12	33	PASS
n7	30	10	501000	1@1	CP_QAM256	16.71	-0.5	16.21	33	PASS
n7	30	10	501000	1@22	CP_QAM256	16.79	-0.5	16.29	33	PASS
n7	30	10	507000	12@6	DFT_BPSK	22.93	-0.5	22.43	33	PASS
n7	30	10	507000	1@1	DFT_BPSK	22.82	-0.5	22.32	33	PASS
n7	30	10	507000	1@22	DFT_BPSK	22.79	-0.5	22.29	33	PASS
n7	30	10	507000	12@6	DFT_QPSK	22.95	-0.5	22.45	33	PASS
n7	30	10	507000	1@1	DFT_QPSK	22.84	-0.5	22.34	33	PASS
n7	30	10	507000	1@22	DFT_QPSK	22.84	-0.5	22.34	33	PASS
n7	30	10	507000	12@6	DFT_QAM16	21.93	-0.5	21.43	33	PASS
n7	30	10	507000	1@1	DFT_QAM16	21.90	-0.5	21.40	33	PASS
n7	30	10	507000	1@22	DFT_QAM16	21.93	-0.5	21.43	33	PASS
n7	30	10	507000	12@6	DFT_QAM64	20.37	-0.5	19.87	33	PASS

n7	30	10	507000	1@1	DFT_QAM64	20.28	-0.5	19.78	33	PASS
n7	30	10	507000	1@22	DFT_QAM64	20.62	-0.5	20.12	33	PASS
n7	30	10	507000	12@6	DFT_QAM256	18.36	-0.5	17.86	33	PASS
n7	30	10	507000	1@1	DFT_QAM256	18.97	-0.5	18.47	33	PASS
n7	30	10	507000	1@22	DFT_QAM256	18.95	-0.5	18.45	33	PASS
n7	30	10	507000	12@6	CP_QPSK	21.48	-0.5	20.98	33	PASS
n7	30	10	507000	1@1	CP_QPSK	21.11	-0.5	20.61	33	PASS
n7	30	10	507000	1@22	CP_QPSK	21.12	-0.5	20.62	33	PASS
n7	30	10	507000	12@6	CP_QAM16	20.94	-0.5	20.44	33	PASS
n7	30	10	507000	1@1	CP_QAM16	21.78	-0.5	21.28	33	PASS
n7	30	10	507000	1@22	CP_QAM16	21.72	-0.5	21.22	33	PASS
n7	30	10	507000	12@6	CP_QAM64	19.46	-0.5	18.96	33	PASS
n7	30	10	507000	1@1	CP_QAM64	19.21	-0.5	18.71	33	PASS
n7	30	10	507000	1@22	CP_QAM64	19.21	-0.5	18.71	33	PASS
n7	30	10	507000	12@6	CP_QAM256	16.54	-0.5	16.04	33	PASS
n7	30	10	507000	1@1	CP_QAM256	16.58	-0.5	16.08	33	PASS
n7	30	10	507000	1@22	CP_QAM256	16.53	-0.5	16.03	33	PASS
n7	30	10	513000	12@6	DFT_BPSK	23.00	-0.5	22.50	33	PASS
n7	30	10	513000	1@1	DFT_BPSK	22.81	-0.5	22.31	33	PASS
n7	30	10	513000	1@22	DFT_BPSK	22.90	-0.5	22.40	33	PASS
n7	30	10	513000	12@6	DFT_QPSK	23.10	-0.5	22.60	33	PASS
n7	30	10	513000	1@1	DFT_QPSK	22.82	-0.5	22.32	33	PASS
n7	30	10	513000	1@22	DFT_QPSK	22.91	-0.5	22.41	33	PASS
n7	30	10	513000	12@6	DFT_QAM16	21.95	-0.5	21.45	33	PASS
n7	30	10	513000	1@1	DFT_QAM16	21.83	-0.5	21.33	33	PASS
n7	30	10	513000	1@22	DFT_QAM16	21.92	-0.5	21.42	33	PASS
n7	30	10	513000	12@6	DFT_QAM64	20.50	-0.5	20.00	33	PASS
n7	30	10	513000	1@1	DFT_QAM64	20.66	-0.5	20.16	33	PASS
n7	30	10	513000	1@22	DFT_QAM64	20.74	-0.5	20.24	33	PASS
n7	30	10	513000	12@6	DFT_QAM256	18.53	-0.5	18.03	33	PASS
n7	30	10	513000	1@1	DFT_QAM256	18.95	-0.5	18.45	33	PASS
n7	30	10	513000	1@22	DFT_QAM256	19.13	-0.5	18.63	33	PASS
n7	30	10	513000	12@6	CP_QPSK	21.74	-0.5	21.24	33	PASS
n7	30	10	513000	1@1	CP_QPSK	21.26	-0.5	20.76	33	PASS
n7	30	10	513000	1@22	CP_QPSK	21.40	-0.5	20.90	33	PASS
n7	30	10	513000	12@6	CP_QAM16	21.01	-0.5	20.51	33	PASS
n7	30	10	513000	1@1	CP_QAM16	21.14	-0.5	20.64	33	PASS
n7	30	10	513000	1@22	CP_QAM16	21.20	-0.5	20.70	33	PASS
n7	30	10	513000	12@6	CP_QAM64	19.40	-0.5	18.90	33	PASS
n7	30	10	513000	1@1	CP_QAM64	19.39	-0.5	18.89	33	PASS
n7	30	10	513000	1@22	CP_QAM64	19.91	-0.5	19.41	33	PASS
n7	30	10	513000	12@6	CP_QAM256	16.63	-0.5	16.13	33	PASS
n7	30	10	513000	1@1	CP_QAM256	16.66	-0.5	16.16	33	PASS
n7	30	10	513000	1@22	CP_QAM256	16.73	-0.5	16.23	33	PASS

n7	30	15	501500	18@9	DFT_BPSK	23.01	-0.5	22.51	33	PASS
n7	30	15	501500	1@1	DFT_BPSK	22.90	-0.5	22.40	33	PASS
n7	30	15	501500	1@36	DFT_BPSK	22.89	-0.5	22.39	33	PASS
n7	30	15	501500	18@9	DFT_QPSK	22.99	-0.5	22.49	33	PASS
n7	30	15	501500	1@1	DFT_QPSK	22.88	-0.5	22.38	33	PASS
n7	30	15	501500	1@36	DFT_QPSK	22.79	-0.5	22.29	33	PASS
n7	30	15	501500	18@9	DFT_QAM16	22.06	-0.5	21.56	33	PASS
n7	30	15	501500	1@1	DFT_QAM16	21.97	-0.5	21.47	33	PASS
n7	30	15	501500	1@36	DFT_QAM16	21.92	-0.5	21.42	33	PASS
n7	30	15	501500	18@9	DFT_QAM64	20.41	-0.5	19.91	33	PASS
n7	30	15	501500	1@1	DFT_QAM64	20.67	-0.5	20.17	33	PASS
n7	30	15	501500	1@36	DFT_QAM64	20.64	-0.5	20.14	33	PASS
n7	30	15	501500	18@9	DFT_QAM256	18.38	-0.5	17.88	33	PASS
n7	30	15	501500	1@1	DFT_QAM256	18.85	-0.5	18.35	33	PASS
n7	30	15	501500	1@36	DFT_QAM256	19.01	-0.5	18.51	33	PASS
n7	30	15	501500	19@9	CP_QPSK	21.57	-0.5	21.07	33	PASS
n7	30	15	501500	1@1	CP_QPSK	21.30	-0.5	20.80	33	PASS
n7	30	15	501500	1@36	CP_QPSK	21.29	-0.5	20.79	33	PASS
n7	30	15	501500	19@9	CP_QAM16	21.07	-0.5	20.57	33	PASS
n7	30	15	501500	1@1	CP_QAM16	20.99	-0.5	20.49	33	PASS
n7	30	15	501500	1@36	CP_QAM16	21.06	-0.5	20.56	33	PASS
n7	30	15	501500	19@9	CP_QAM64	19.48	-0.5	18.98	33	PASS
n7	30	15	501500	1@1	CP_QAM64	19.80	-0.5	19.30	33	PASS
n7	30	15	501500	1@36	CP_QAM64	19.35	-0.5	18.85	33	PASS
n7	30	15	501500	19@9	CP_QAM256	16.61	-0.5	16.11	33	PASS
n7	30	15	501500	1@1	CP_QAM256	16.75	-0.5	16.25	33	PASS
n7	30	15	501500	1@36	CP_QAM256	16.65	-0.5	16.15	33	PASS
n7	30	15	507000	18@9	DFT_BPSK	22.92	-0.5	22.42	33	PASS
n7	30	15	507000	1@1	DFT_BPSK	22.81	-0.5	22.31	33	PASS
n7	30	15	507000	1@36	DFT_BPSK	22.69	-0.5	22.19	33	PASS
n7	30	15	507000	18@9	DFT_QPSK	22.97	-0.5	22.47	33	PASS
n7	30	15	507000	1@1	DFT_QPSK	22.61	-0.5	22.11	33	PASS
n7	30	15	507000	1@36	DFT_QPSK	22.58	-0.5	22.08	33	PASS
n7	30	15	507000	18@9	DFT_QAM16	21.92	-0.5	21.42	33	PASS
n7	30	15	507000	1@1	DFT_QAM16	22.11	-0.5	21.61	33	PASS
n7	30	15	507000	1@36	DFT_QAM16	22.12	-0.5	21.62	33	PASS
n7	30	15	507000	18@9	DFT_QAM64	20.34	-0.5	19.84	33	PASS
n7	30	15	507000	1@1	DFT_QAM64	20.54	-0.5	20.04	33	PASS
n7	30	15	507000	1@36	DFT_QAM64	20.56	-0.5	20.06	33	PASS
n7	30	15	507000	18@9	DFT_QAM256	18.25	-0.5	17.75	33	PASS
n7	30	15	507000	1@1	DFT_QAM256	18.96	-0.5	18.46	33	PASS
n7	30	15	507000	1@36	DFT_QAM256	18.78	-0.5	18.28	33	PASS
n7	30	15	507000	19@9	CP_QPSK	21.51	-0.5	21.01	33	PASS
n7	30	15	507000	1@1	CP_QPSK	21.23	-0.5	20.73	33	PASS

n7	30	15	507000	1@36	CP_QPSK	21.24	-0.5	20.74	33	PASS
n7	30	15	507000	19@9	CP_QAM16	21.06	-0.5	20.56	33	PASS
n7	30	15	507000	1@1	CP_QAM16	21.05	-0.5	20.55	33	PASS
n7	30	15	507000	1@36	CP_QAM16	20.99	-0.5	20.49	33	PASS
n7	30	15	507000	19@9	CP_QAM64	19.45	-0.5	18.95	33	PASS
n7	30	15	507000	1@1	CP_QAM64	19.30	-0.5	18.80	33	PASS
n7	30	15	507000	1@36	CP_QAM64	19.25	-0.5	18.75	33	PASS
n7	30	15	507000	19@9	CP_QAM256	16.47	-0.5	15.97	33	PASS
n7	30	15	507000	1@1	CP_QAM256	16.61	-0.5	16.11	33	PASS
n7	30	15	507000	1@36	CP_QAM256	16.45	-0.5	15.95	33	PASS
n7	30	15	512500	18@9	DFT_BPSK	22.93	-0.5	22.43	33	PASS
n7	30	15	512500	1@1	DFT_BPSK	22.69	-0.5	22.19	33	PASS
n7	30	15	512500	1@36	DFT_BPSK	22.90	-0.5	22.40	33	PASS
n7	30	15	512500	18@9	DFT_QPSK	22.89	-0.5	22.39	33	PASS
n7	30	15	512500	1@1	DFT_QPSK	22.69	-0.5	22.19	33	PASS
n7	30	15	512500	1@36	DFT_QPSK	22.93	-0.5	22.43	33	PASS
n7	30	15	512500	18@9	DFT_QAM16	22.00	-0.5	21.50	33	PASS
n7	30	15	512500	1@1	DFT_QAM16	21.84	-0.5	21.34	33	PASS
n7	30	15	512500	1@36	DFT_QAM16	21.97	-0.5	21.47	33	PASS
n7	30	15	512500	18@9	DFT_QAM64	20.41	-0.5	19.91	33	PASS
n7	30	15	512500	1@1	DFT_QAM64	20.42	-0.5	19.92	33	PASS
n7	30	15	512500	1@36	DFT_QAM64	20.59	-0.5	20.09	33	PASS
n7	30	15	512500	18@9	DFT_QAM256	18.31	-0.5	17.81	33	PASS
n7	30	15	512500	1@1	DFT_QAM256	18.60	-0.5	18.10	33	PASS
n7	30	15	512500	1@36	DFT_QAM256	18.82	-0.5	18.32	33	PASS
n7	30	15	512500	19@9	CP_QPSK	21.39	-0.5	20.89	33	PASS
n7	30	15	512500	1@1	CP_QPSK	21.15	-0.5	20.65	33	PASS
n7	30	15	512500	1@36	CP_QPSK	21.18	-0.5	20.68	33	PASS
n7	30	15	512500	19@9	CP_QAM16	20.99	-0.5	20.49	33	PASS
n7	30	15	512500	1@1	CP_QAM16	21.16	-0.5	20.66	33	PASS
n7	30	15	512500	1@36	CP_QAM16	21.54	-0.5	21.04	33	PASS
n7	30	15	512500	19@9	CP_QAM64	19.46	-0.5	18.96	33	PASS
n7	30	15	512500	1@1	CP_QAM64	19.28	-0.5	18.78	33	PASS
n7	30	15	512500	1@36	CP_QAM64	19.38	-0.5	18.88	33	PASS
n7	30	15	512500	19@9	CP_QAM256	16.52	-0.5	16.02	33	PASS
n7	30	15	512500	1@1	CP_QAM256	16.33	-0.5	15.83	33	PASS
n7	30	15	512500	1@36	CP_QAM256	16.49	-0.5	15.99	33	PASS
n7	30	20	502000	25@12	DFT_BPSK	23.02	-0.5	22.52	33	PASS
n7	30	20	502000	1@1	DFT_BPSK	22.83	-0.5	22.33	33	PASS
n7	30	20	502000	1@49	DFT_BPSK	22.70	-0.5	22.20	33	PASS
n7	30	20	502000	25@12	DFT_QPSK	23.05	-0.5	22.55	33	PASS
n7	30	20	502000	1@1	DFT_QPSK	22.81	-0.5	22.31	33	PASS
n7	30	20	502000	1@49	DFT_QPSK	22.73	-0.5	22.23	33	PASS
n7	30	20	502000	25@12	DFT_QAM16	22.06	-0.5	21.56	33	PASS

n7	30	20	502000	1@1	DFT_QAM16	21.92	-0.5	21.42	33	PASS
n7	30	20	502000	1@49	DFT_QAM16	21.85	-0.5	21.35	33	PASS
n7	30	20	502000	25@12	DFT_QAM64	20.50	-0.5	20.00	33	PASS
n7	30	20	502000	1@1	DFT_QAM64	20.74	-0.5	20.24	33	PASS
n7	30	20	502000	1@49	DFT_QAM64	20.54	-0.5	20.04	33	PASS
n7	30	20	502000	25@12	DFT_QAM256	18.43	-0.5	17.93	33	PASS
n7	30	20	502000	1@1	DFT_QAM256	18.83	-0.5	18.33	33	PASS
n7	30	20	502000	1@49	DFT_QAM256	18.84	-0.5	18.34	33	PASS
n7	30	20	502000	25@12	CP_QPSK	21.52	-0.5	21.02	33	PASS
n7	30	20	502000	1@1	CP_QPSK	21.31	-0.5	20.81	33	PASS
n7	30	20	502000	1@49	CP_QPSK	21.20	-0.5	20.70	33	PASS
n7	30	20	502000	25@12	CP_QAM16	20.92	-0.5	20.42	33	PASS
n7	30	20	502000	1@1	CP_QAM16	21.66	-0.5	21.16	33	PASS
n7	30	20	502000	1@49	CP_QAM16	21.38	-0.5	20.88	33	PASS
n7	30	20	502000	25@12	CP_QAM64	19.49	-0.5	18.99	33	PASS
n7	30	20	502000	1@1	CP_QAM64	19.40	-0.5	18.90	33	PASS
n7	30	20	502000	1@49	CP_QAM64	19.14	-0.5	18.64	33	PASS
n7	30	20	502000	25@12	CP_QAM256	16.42	-0.5	15.92	33	PASS
n7	30	20	502000	1@1	CP_QAM256	16.61	-0.5	16.11	33	PASS
n7	30	20	502000	1@49	CP_QAM256	16.46	-0.5	15.96	33	PASS
n7	30	20	507000	25@12	DFT_BPSK	22.84	-0.5	22.34	33	PASS
n7	30	20	507000	1@1	DFT_BPSK	22.63	-0.5	22.13	33	PASS
n7	30	20	507000	1@49	DFT_BPSK	22.71	-0.5	22.21	33	PASS
n7	30	20	507000	25@12	DFT_QPSK	22.99	-0.5	22.49	33	PASS
n7	30	20	507000	1@1	DFT_QPSK	22.63	-0.5	22.13	33	PASS
n7	30	20	507000	1@49	DFT_QPSK	22.58	-0.5	22.08	33	PASS
n7	30	20	507000	25@12	DFT_QAM16	21.97	-0.5	21.47	33	PASS
n7	30	20	507000	1@1	DFT_QAM16	21.74	-0.5	21.24	33	PASS
n7	30	20	507000	1@49	DFT_QAM16	21.74	-0.5	21.24	33	PASS
n7	30	20	507000	25@12	DFT_QAM64	20.43	-0.5	19.93	33	PASS
n7	30	20	507000	1@1	DFT_QAM64	20.54	-0.5	20.04	33	PASS
n7	30	20	507000	1@49	DFT_QAM64	20.37	-0.5	19.87	33	PASS
n7	30	20	507000	25@12	DFT_QAM256	18.26	-0.5	17.76	33	PASS
n7	30	20	507000	1@1	DFT_QAM256	18.74	-0.5	18.24	33	PASS
n7	30	20	507000	1@49	DFT_QAM256	18.89	-0.5	18.39	33	PASS
n7	30	20	507000	25@12	CP_QPSK	21.45	-0.5	20.95	33	PASS
n7	30	20	507000	1@1	CP_QPSK	21.27	-0.5	20.77	33	PASS
n7	30	20	507000	1@49	CP_QPSK	21.16	-0.5	20.66	33	PASS
n7	30	20	507000	25@12	CP_QAM16	20.95	-0.5	20.45	33	PASS
n7	30	20	507000	1@1	CP_QAM16	20.85	-0.5	20.35	33	PASS
n7	30	20	507000	1@49	CP_QAM16	20.76	-0.5	20.26	33	PASS
n7	30	20	507000	25@12	CP_QAM64	19.38	-0.5	18.88	33	PASS
n7	30	20	507000	1@1	CP_QAM64	19.57	-0.5	19.07	33	PASS
n7	30	20	507000	1@49	CP_QAM64	19.14	-0.5	18.64	33	PASS

n7	30	20	507000	25@12	CP_QAM256	16.43	-0.5	15.93	33	PASS
n7	30	20	507000	1@1	CP_QAM256	16.41	-0.5	15.91	33	PASS
n7	30	20	507000	1@49	CP_QAM256	16.46	-0.5	15.96	33	PASS
n7	30	20	512000	25@12	DFT_BPSK	22.86	-0.5	22.36	33	PASS
n7	30	20	512000	1@1	DFT_BPSK	22.55	-0.5	22.05	33	PASS
n7	30	20	512000	1@49	DFT_BPSK	22.79	-0.5	22.29	33	PASS
n7	30	20	512000	25@12	DFT_QPSK	23.00	-0.5	22.50	33	PASS
n7	30	20	512000	1@1	DFT_QPSK	22.60	-0.5	22.10	33	PASS
n7	30	20	512000	1@49	DFT_QPSK	22.94	-0.5	22.44	33	PASS
n7	30	20	512000	25@12	DFT_QAM16	21.89	-0.5	21.39	33	PASS
n7	30	20	512000	1@1	DFT_QAM16	21.60	-0.5	21.10	33	PASS
n7	30	20	512000	1@49	DFT_QAM16	21.82	-0.5	21.32	33	PASS
n7	30	20	512000	25@12	DFT_QAM64	20.32	-0.5	19.82	33	PASS
n7	30	20	512000	1@1	DFT_QAM64	20.23	-0.5	19.73	33	PASS
n7	30	20	512000	1@49	DFT_QAM64	20.54	-0.5	20.04	33	PASS
n7	30	20	512000	25@12	DFT_QAM256	18.36	-0.5	17.86	33	PASS
n7	30	20	512000	1@1	DFT_QAM256	18.43	-0.5	17.93	33	PASS
n7	30	20	512000	1@49	DFT_QAM256	18.62	-0.5	18.12	33	PASS
n7	30	20	512000	25@12	CP_QPSK	21.42	-0.5	20.92	33	PASS
n7	30	20	512000	1@1	CP_QPSK	20.94	-0.5	20.44	33	PASS
n7	30	20	512000	1@49	CP_QPSK	21.24	-0.5	20.74	33	PASS
n7	30	20	512000	25@12	CP_QAM16	20.93	-0.5	20.43	33	PASS
n7	30	20	512000	1@1	CP_QAM16	20.89	-0.5	20.39	33	PASS
n7	30	20	512000	1@49	CP_QAM16	21.15	-0.5	20.65	33	PASS
n7	30	20	512000	25@12	CP_QAM64	19.39	-0.5	18.89	33	PASS
n7	30	20	512000	1@1	CP_QAM64	19.48	-0.5	18.98	33	PASS
n7	30	20	512000	1@49	CP_QAM64	19.76	-0.5	19.26	33	PASS
n7	30	20	512000	25@12	CP_QAM256	16.46	-0.5	15.96	33	PASS
n7	30	20	512000	1@1	CP_QAM256	16.33	-0.5	15.83	33	PASS
n7	30	20	512000	1@49	CP_QAM256	16.66	-0.5	16.16	33	PASS

## 2 Frequency stability for NR FR1

**NT:**

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Voltage (Vdc)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n7	30	20	507000	25@12	DFT_BPSK	3.89	-7.79	0.00	Within authorized band for 5G NR n7	PASS
n7	30	20	507000	25@12	DFT_BPSK	3.45	-4.89	0.00		PASS
n7	30	20	507000	25@12	DFT_BPSK	4.48	-5.40	0.00		PASS
n7	30	20	507000	25@12	DFT_QPSK	3.89	-6.89	0.00		PASS
n7	30	20	507000	25@12	DFT_QPSK	3.45	-8.32	0.00		PASS
n7	30	20	507000	25@12	DFT_QPSK	4.48	-6.69	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
n7	30	20	507000	25@12	DFT_BPSK	-30	-2.05	0.00	Within authorized band for 5G NR n7	PASS
n7	30	20	507000	25@12	DFT_BPSK	-20	-1.74	0.00		PASS
n7	30	20	507000	25@12	DFT_BPSK	-10	-5.19	0.00		PASS
n7	30	20	507000	25@12	DFT_BPSK	0	-3.64	0.00		PASS
n7	30	20	507000	25@12	DFT_BPSK	10	-5.03	0.00		PASS
n7	30	20	507000	25@12	DFT_BPSK	20	-3.99	0.00		PASS
n7	30	20	507000	25@12	DFT_BPSK	30	-5.82	0.00		PASS
n7	30	20	507000	25@12	DFT_BPSK	40	-3.92	0.00		PASS
n7	30	20	507000	25@12	DFT_BPSK	50	-4.44	0.00		PASS
n7	30	20	507000	25@12	DFT_QPSK	-30	-4.05	0.00		PASS
n7	30	20	507000	25@12	DFT_QPSK	-20	-2.9	0.00		PASS
n7	30	20	507000	25@12	DFT_QPSK	-10	-3.35	0.00		PASS
n7	30	20	507000	25@12	DFT_QPSK	0	-3.47	0.00		PASS
n7	30	20	507000	25@12	DFT_QPSK	10	-2.62	0.00		PASS
n7	30	20	507000	25@12	DFT_QPSK	20	-2.87	0.00		PASS
n7	30	20	507000	25@12	DFT_QPSK	30	-1.52	0.00		PASS
n7	30	20	507000	25@12	DFT_QPSK	40	-5.62	0.00	PASS	
n7	30	20	507000	25@12	DFT_QPSK	50	-2.7	0.00	PASS	

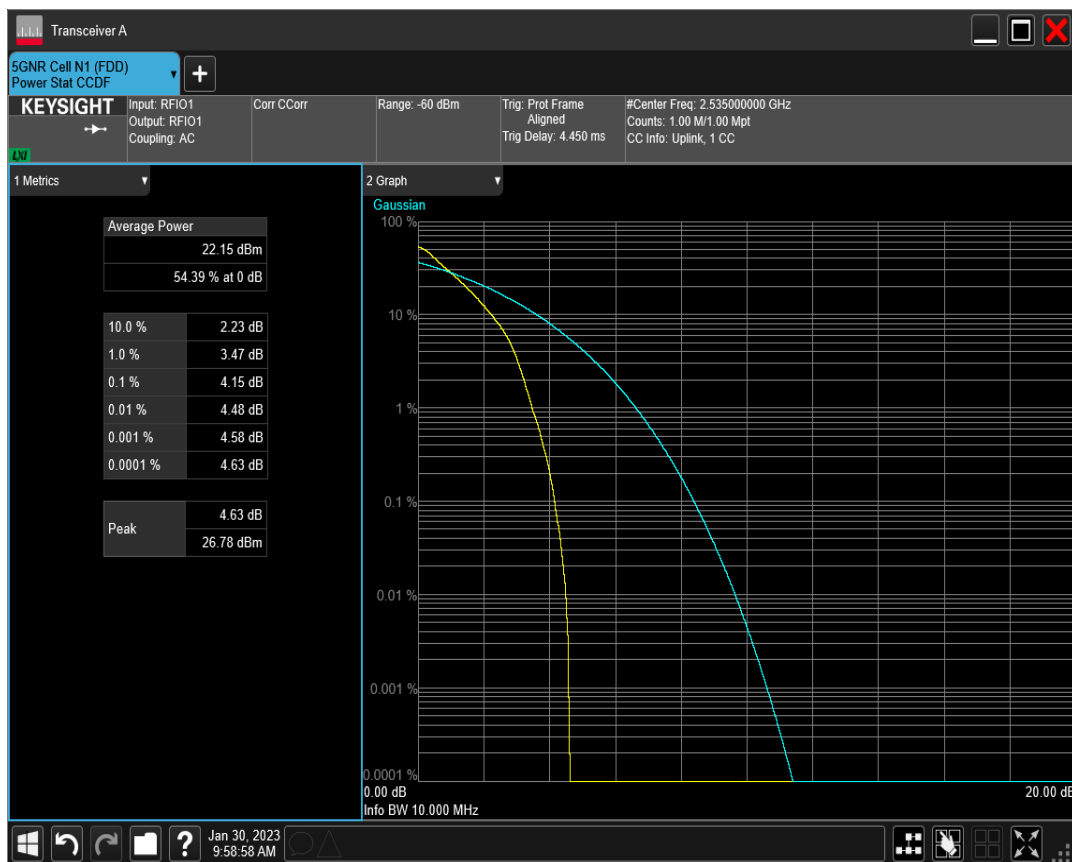
Note: Only the worst case shown in the report.



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

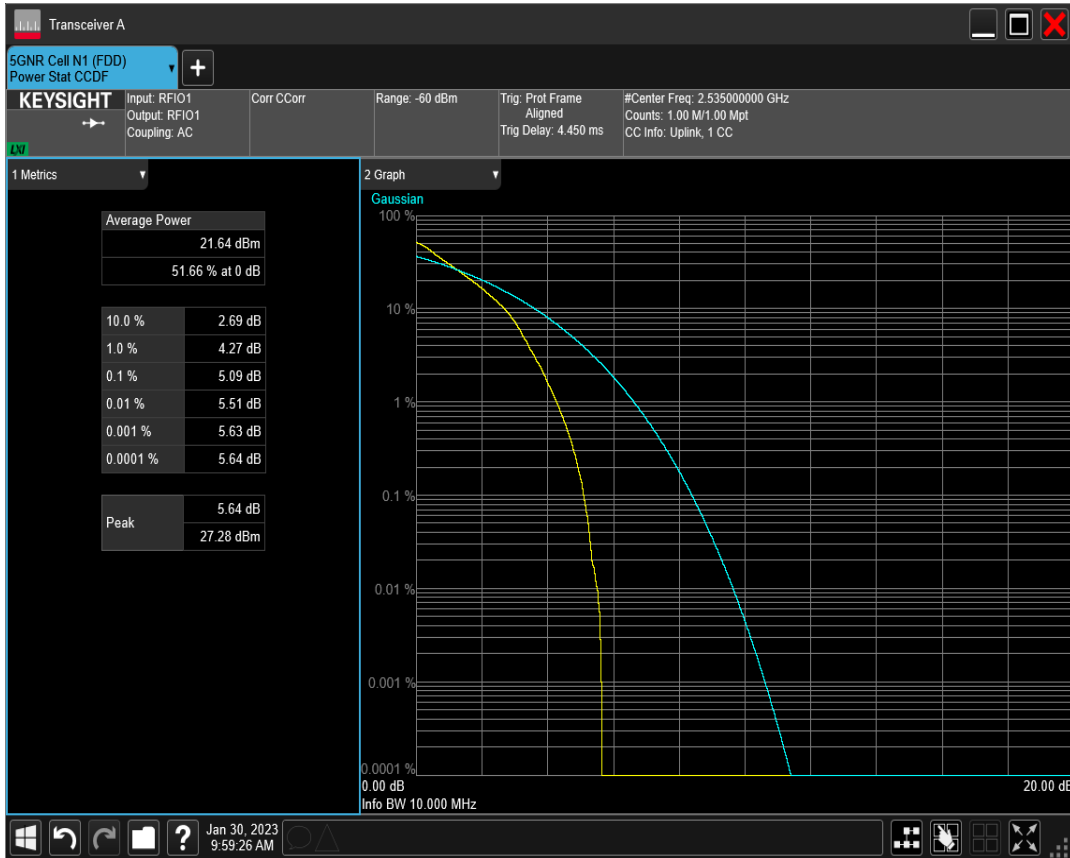
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n7	30	10	507000	24@0	DFT_BPSK	4.15	13	PASS
n7	30	10	507000	24@0	DFT_QPSK	5.09	13	PASS
n7	30	10	507000	24@0	DFT_QAM16	5.88	13	PASS
n7	30	10	507000	24@0	DFT_QAM64	6.17	13	PASS
n7	30	10	507000	24@0	DFT_QAM256	6.98	13	PASS
n7	30	15	507000	36@0	DFT_BPSK	4.26	13	PASS
n7	30	15	507000	36@0	DFT_QPSK	5.25	13	PASS
n7	30	15	507000	36@0	DFT_QAM16	5.96	13	PASS
n7	30	15	507000	36@0	DFT_QAM64	6.32	13	PASS
n7	30	15	507000	36@0	DFT_QAM256	7.12	13	PASS
n7	30	20	507000	50@0	DFT_BPSK	4.37	13	PASS
n7	30	20	507000	50@0	DFT_QPSK	5.43	13	PASS
n7	30	20	507000	50@0	DFT_QAM16	6.19	13	PASS
n7	30	20	507000	50@0	DFT_QAM64	6.43	13	PASS
n7	30	20	507000	50@0	DFT_QAM256	6.99	13	PASS

n7 SCS=30kHz DFT\_BPSK BW=10MHz Channel=507000 RB=24@0

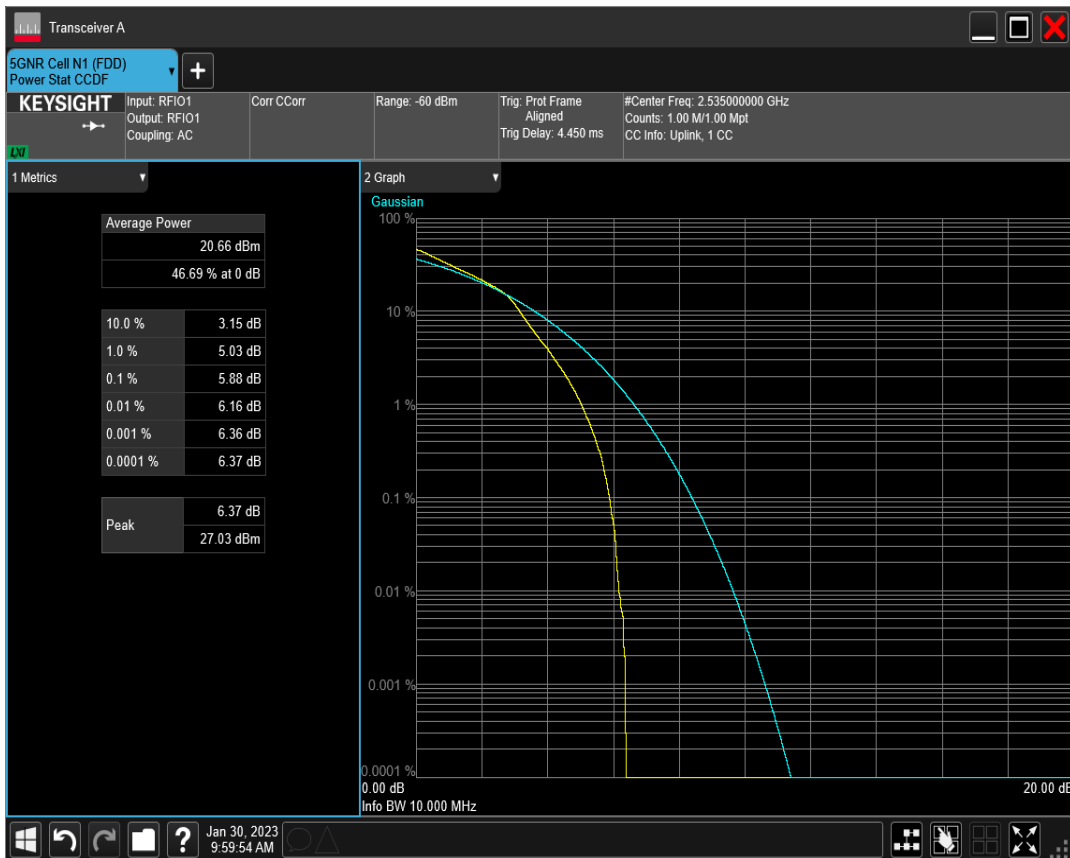


n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=507000 RB=24@0

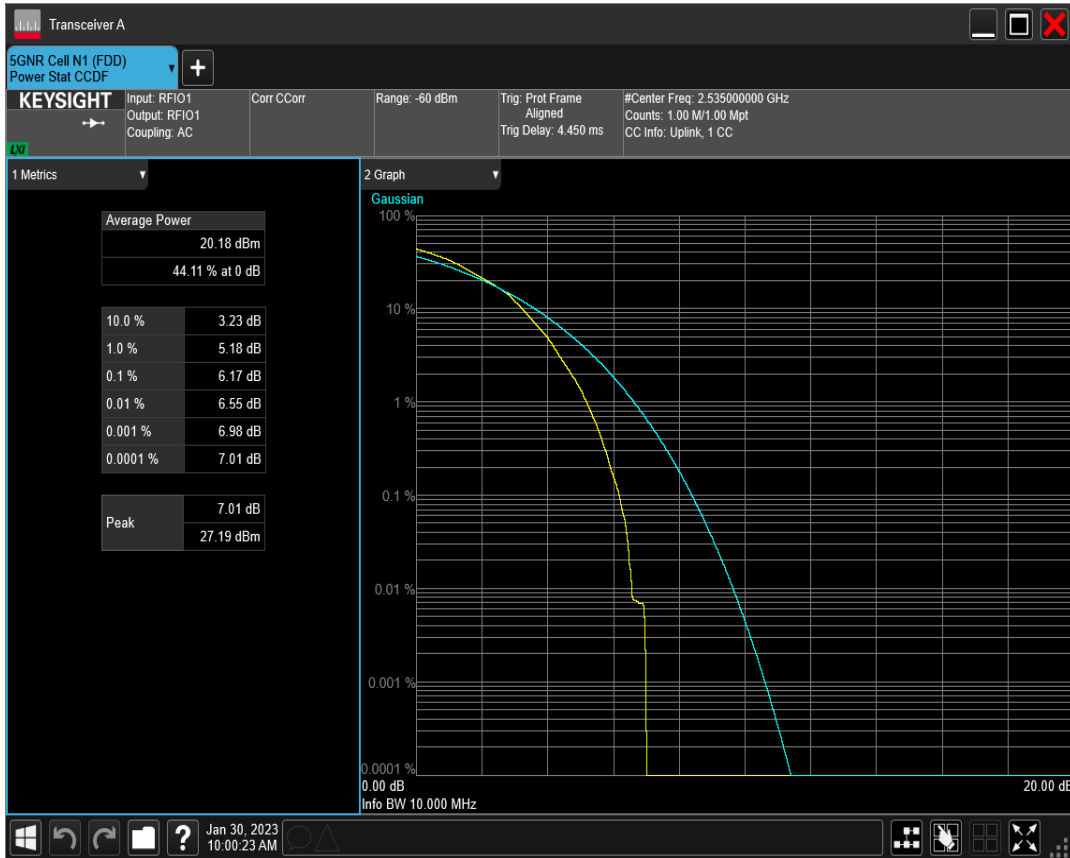




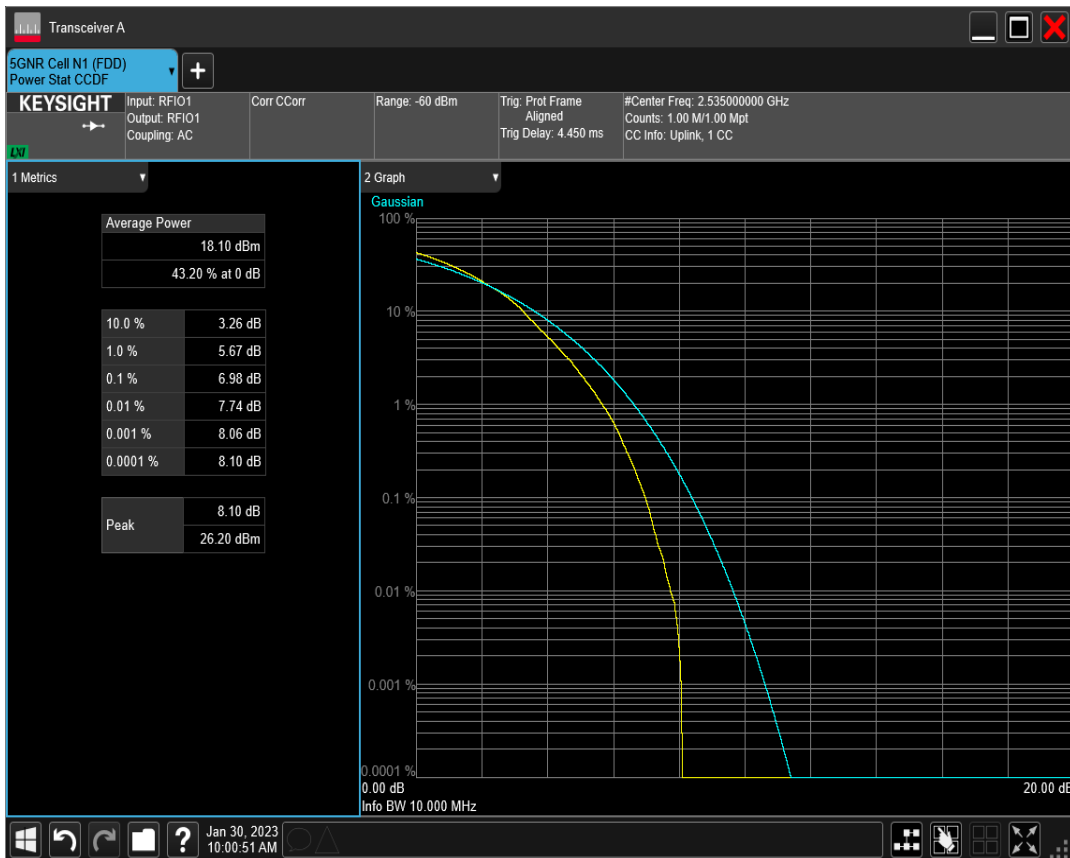
n7 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=507000 RB=24@0



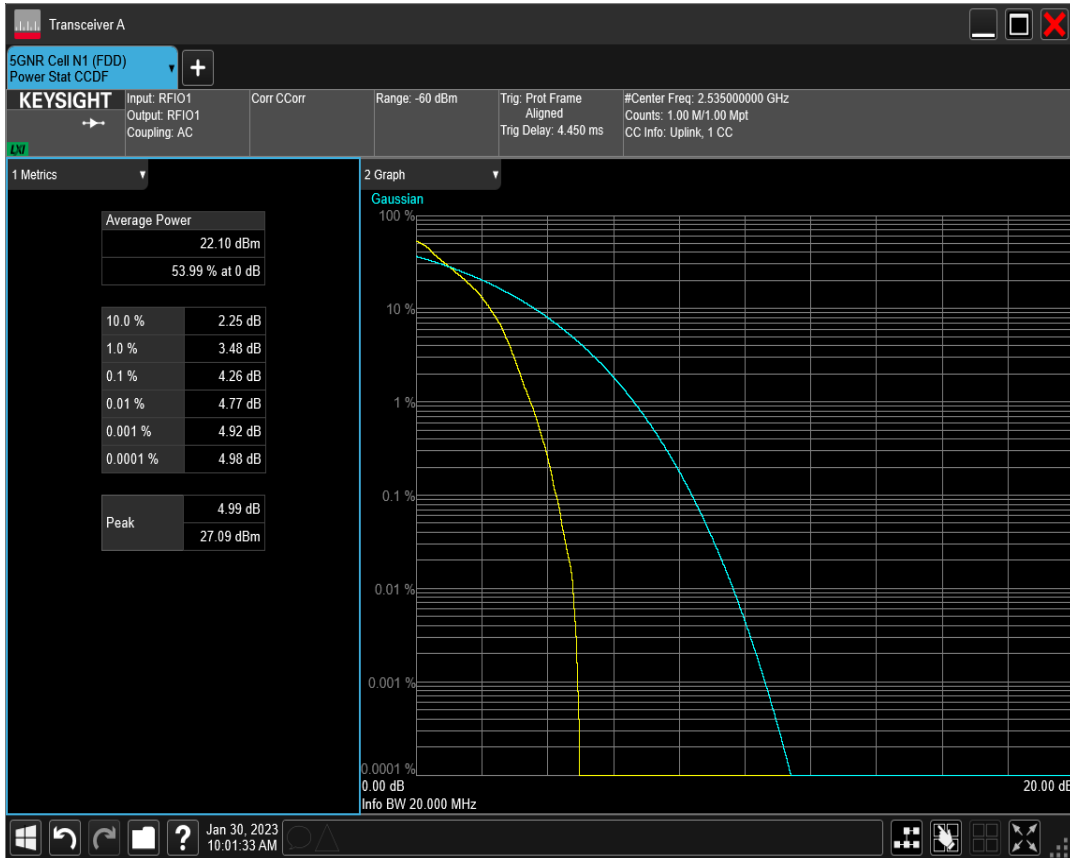
n7 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=507000 RB=24@0



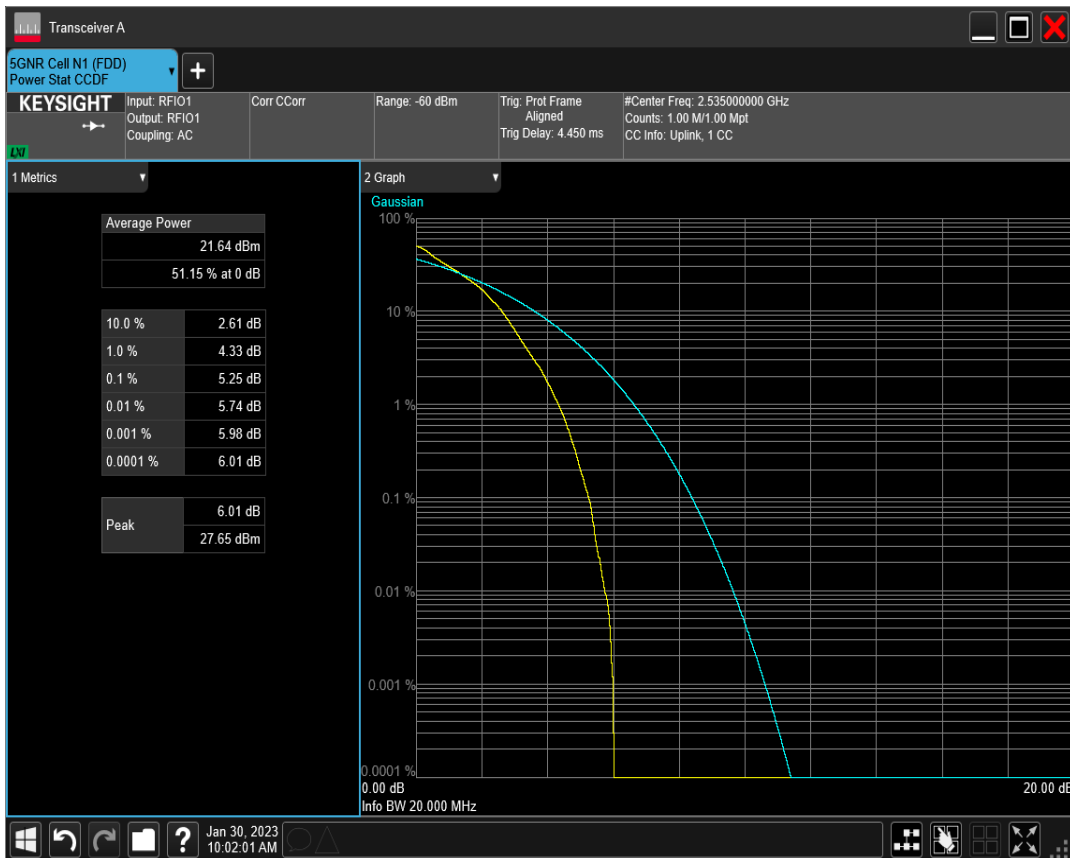
n7 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=507000 RB=24@0



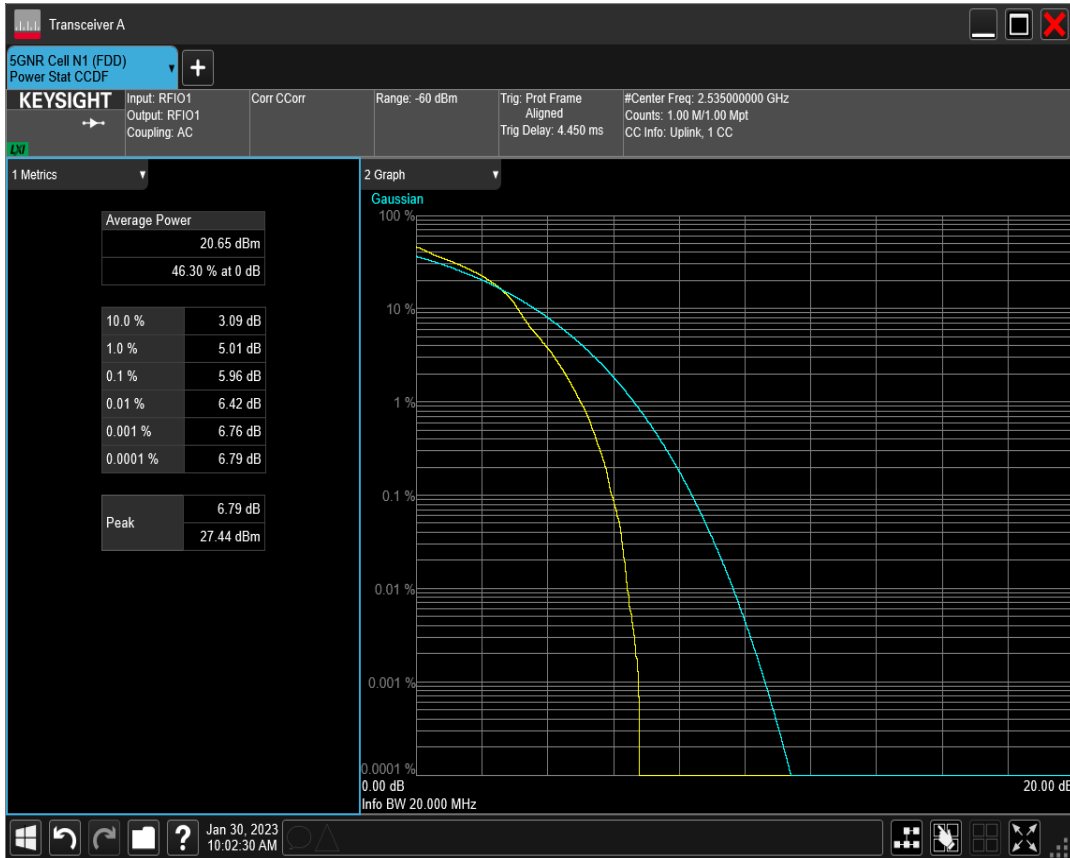
n7 SCS=30kHz DFT\_BPSK BW=15MHz Channel=507000 RB=36@0



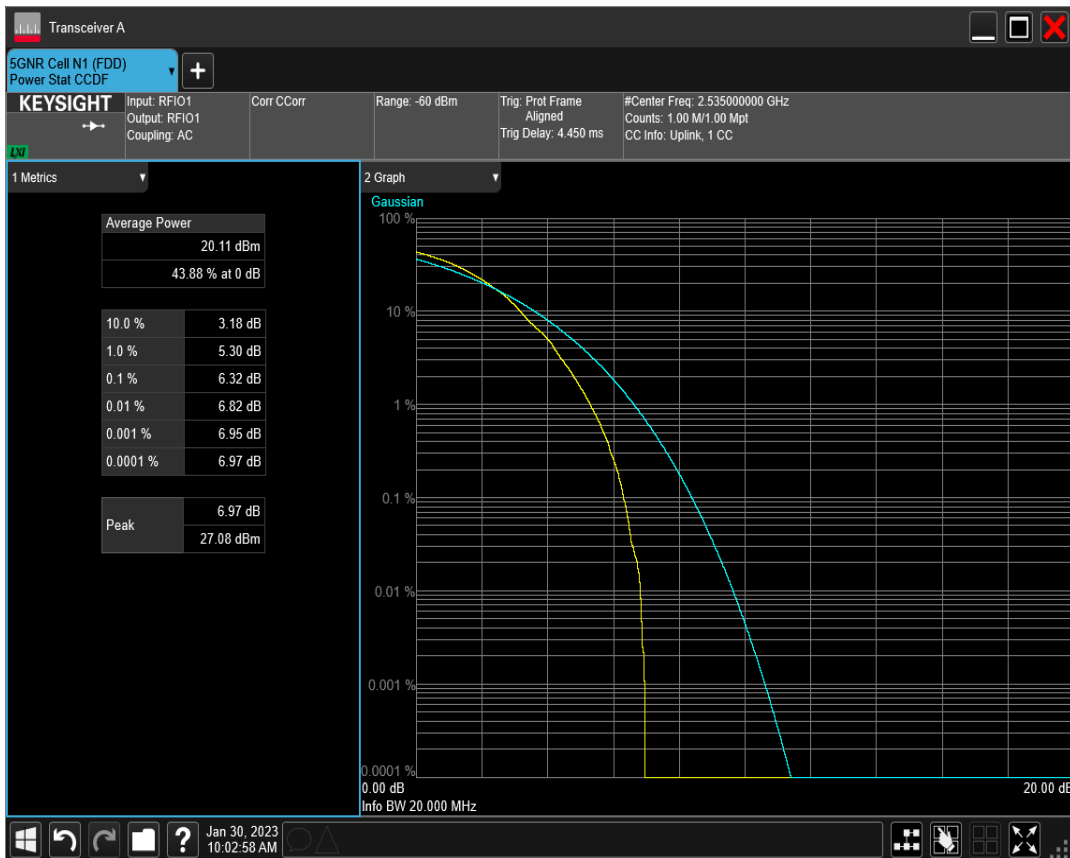
n7 SCS=30kHz DFT\_QPSK BW=15MHz Channel=507000 RB=36@0



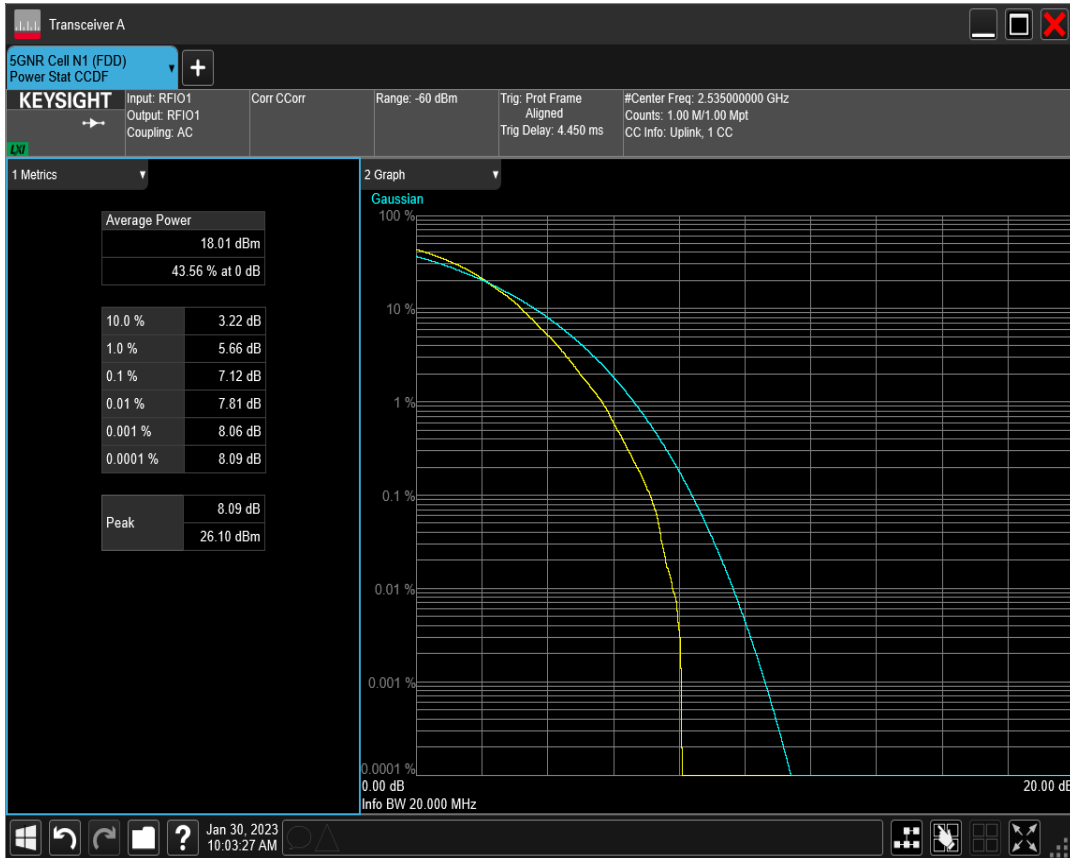
n7 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=507000 RB=36@0



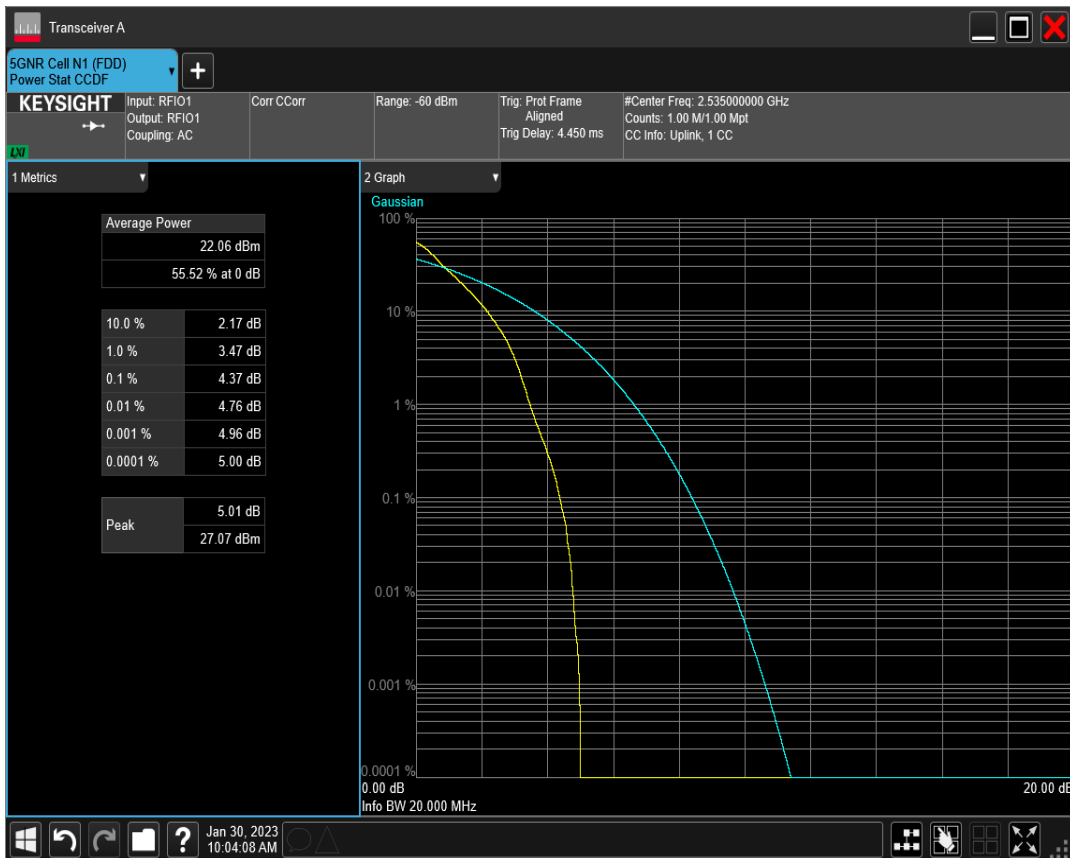
n7 SCS=30kHz DFT\_QAM64 BW=15MHz Channel=507000 RB=36@0



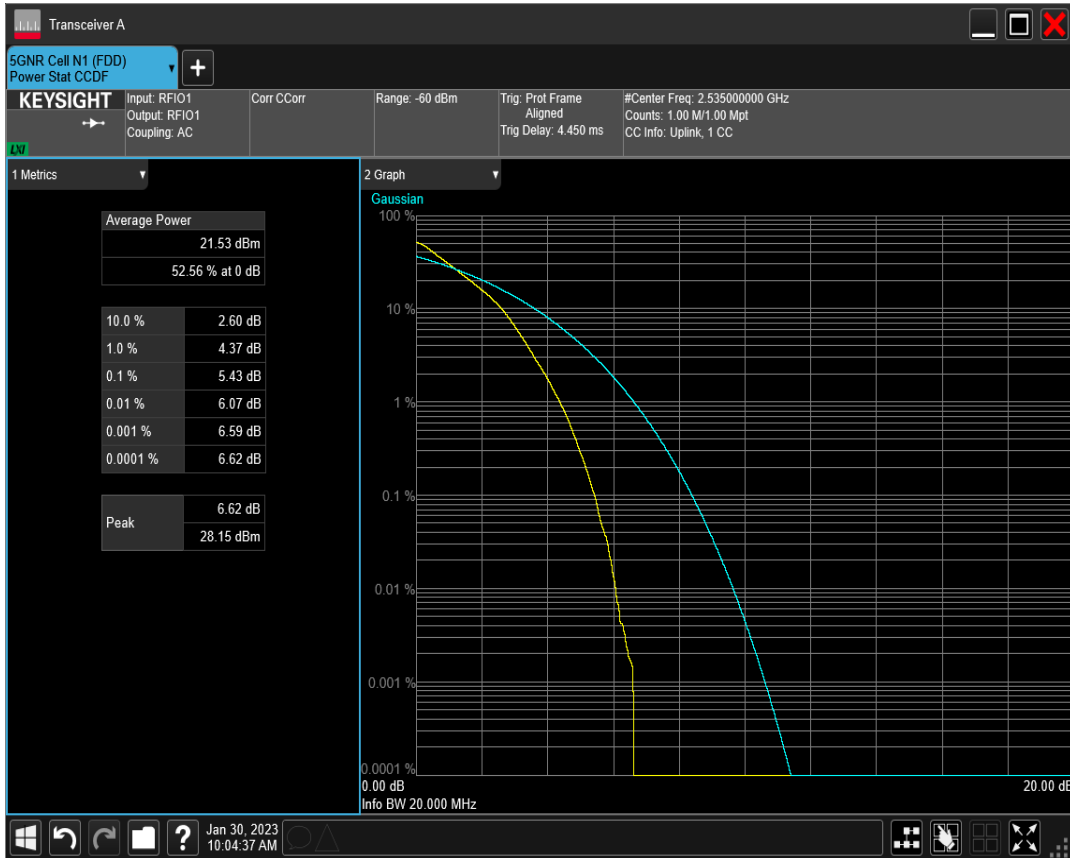
n7 SCS=30kHz DFT\_QAM256 BW=15MHz Channel=507000 RB=36@0



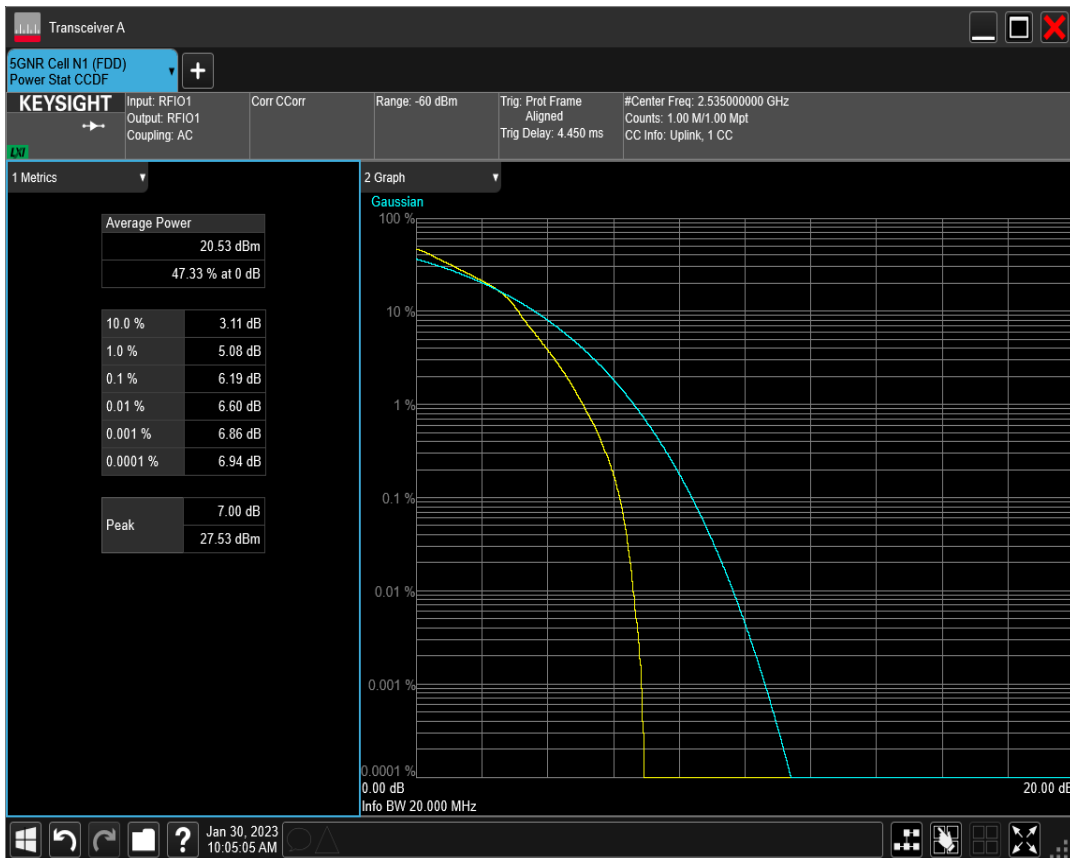
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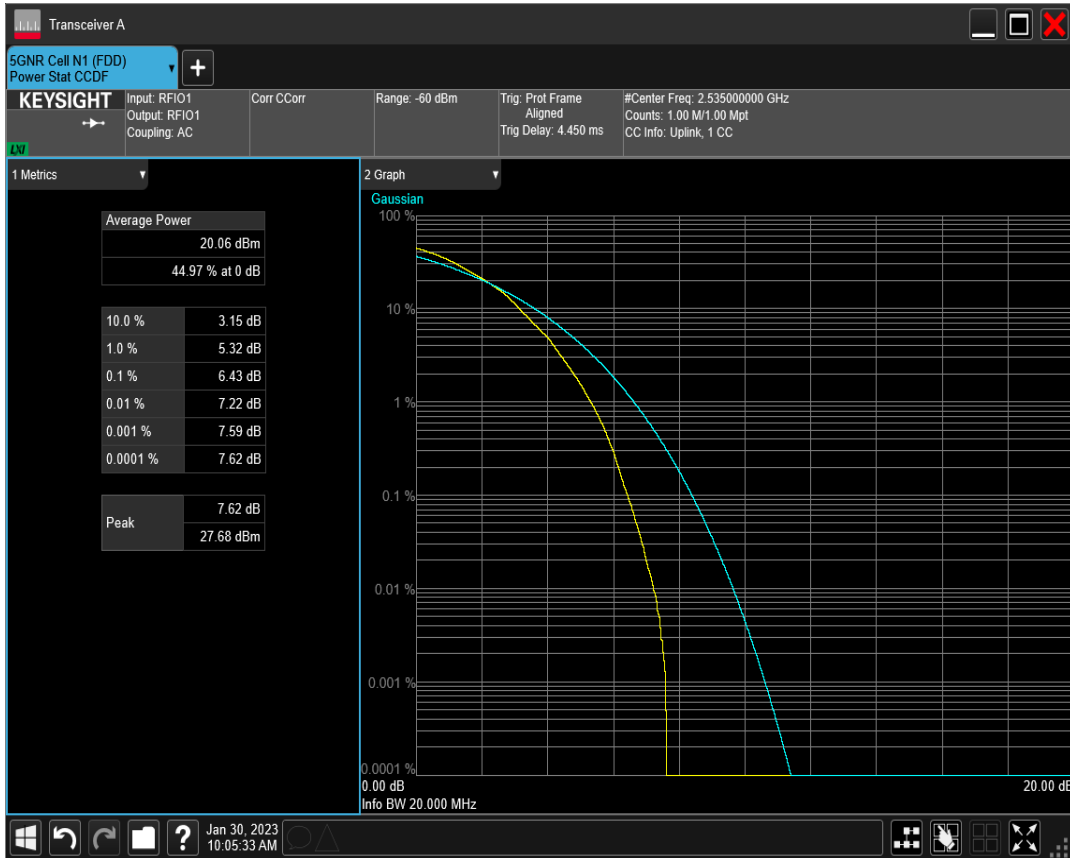
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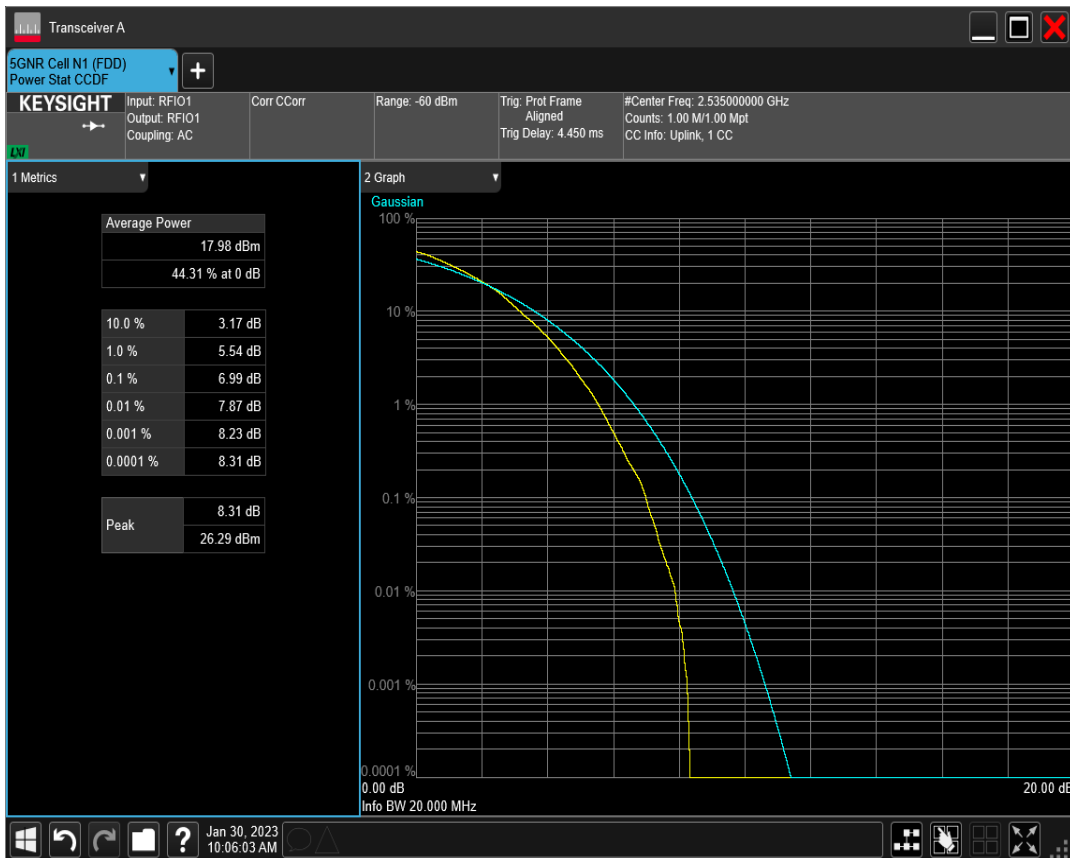
n7 SCS=30kHz DFT\_QAM16 BW=20MHz Channel=507000 RB=50@0



n7 SCS=30kHz DFT\_QAM64 BW=20MHz Channel=507000 RB=50@0



n7 SCS=30kHz DFT\_QAM256 BW=20MHz Channel=507000 RB=50@0



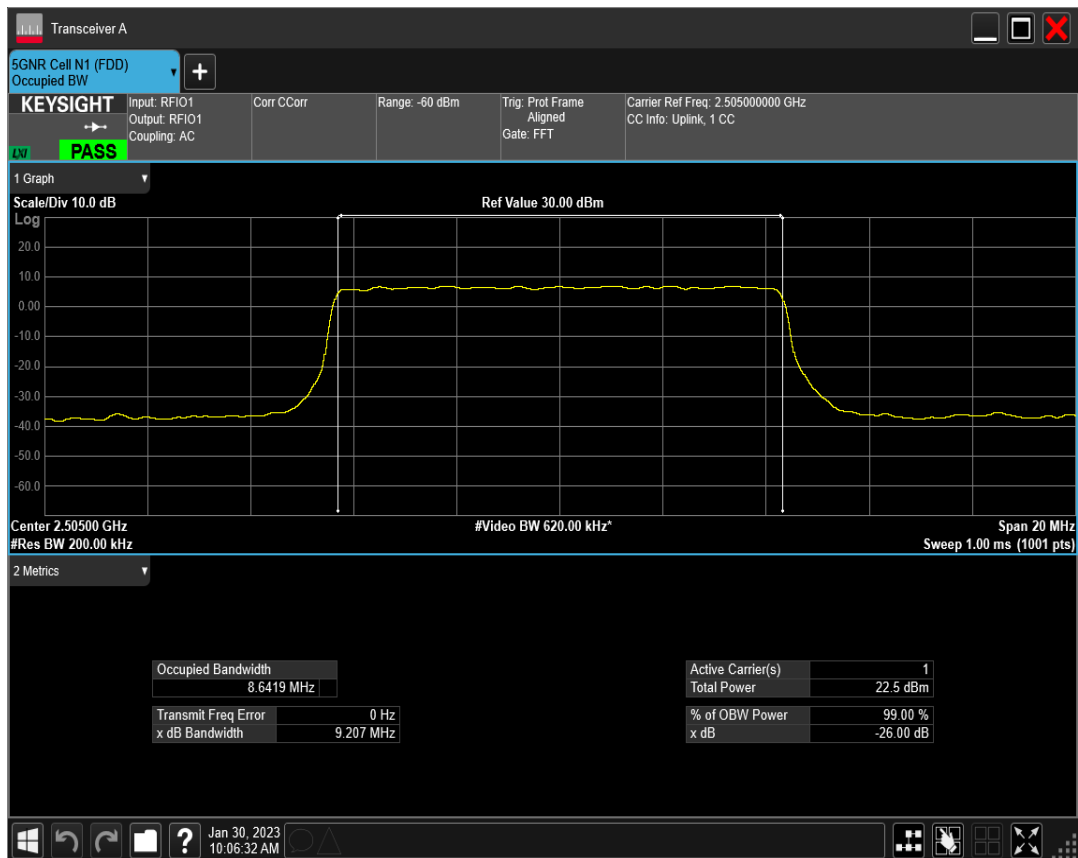


## 4 Occupied bandwidth for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n7	30	10	501000	24@0	DFT_BPSK	8.640	9.210	PASS
n7	30	10	501000	24@0	DFT_QPSK	8.620	9.180	PASS
n7	30	10	501000	24@0	DFT_QAM16	8.640	9.200	PASS
n7	30	10	501000	24@0	DFT_QAM64	8.650	9.200	PASS
n7	30	10	501000	24@0	DFT_QAM256	8.620	9.190	PASS
n7	30	10	501000	24@0	CP_QPSK	8.640	9.250	PASS
n7	30	10	507000	24@0	DFT_BPSK	8.640	9.200	PASS
n7	30	10	507000	24@0	DFT_QPSK	8.640	9.160	PASS
n7	30	10	507000	24@0	DFT_QAM16	8.620	9.150	PASS
n7	30	10	507000	24@0	DFT_QAM64	8.640	9.230	PASS
n7	30	10	507000	24@0	DFT_QAM256	8.620	9.170	PASS
n7	30	10	507000	24@0	CP_QPSK	8.640	9.280	PASS
n7	30	10	513000	24@0	DFT_BPSK	8.620	9.190	PASS
n7	30	10	513000	24@0	DFT_QPSK	8.610	9.180	PASS
n7	30	10	513000	24@0	DFT_QAM16	8.640	9.200	PASS
n7	30	10	513000	24@0	DFT_QAM64	8.620	9.170	PASS
n7	30	10	513000	24@0	DFT_QAM256	8.640	9.200	PASS
n7	30	10	513000	24@0	CP_QPSK	8.610	9.190	PASS
n7	30	15	501500	36@0	DFT_BPSK	13.500	13.740	PASS
n7	30	15	501500	36@0	DFT_QPSK	13.460	13.700	PASS
n7	30	15	501500	36@0	DFT_QAM16	13.460	13.740	PASS
n7	30	15	501500	36@0	DFT_QAM64	13.460	13.740	PASS
n7	30	15	501500	36@0	DFT_QAM256	13.450	13.750	PASS
n7	30	15	501500	38@0	CP_QPSK	13.630	14.460	PASS
n7	30	15	507000	36@0	DFT_BPSK	13.510	13.710	PASS
n7	30	15	507000	36@0	DFT_QPSK	13.510	13.700	PASS
n7	30	15	507000	36@0	DFT_QAM16	13.460	13.740	PASS
n7	30	15	507000	36@0	DFT_QAM64	13.500	13.770	PASS
n7	30	15	507000	36@0	DFT_QAM256	13.530	13.740	PASS
n7	30	15	507000	38@0	CP_QPSK	13.630	14.440	PASS
n7	30	15	512500	36@0	DFT_BPSK	13.510	13.770	PASS
n7	30	15	512500	36@0	DFT_QPSK	13.440	13.700	PASS
n7	30	15	512500	36@0	DFT_QAM16	13.470	13.740	PASS
n7	30	15	512500	36@0	DFT_QAM64	13.510	13.720	PASS
n7	30	15	512500	36@0	DFT_QAM256	13.560	13.750	PASS
n7	30	15	512500	38@0	CP_QPSK	13.640	14.450	PASS
n7	30	20	502000	50@0	DFT_BPSK	18.080	18.930	PASS
n7	30	20	502000	50@0	DFT_QPSK	18.090	18.940	PASS

n7	30	20	502000	50@0	DFT_QAM16	18.090	18.930	PASS
n7	30	20	502000	50@0	DFT_QAM64	18.030	18.920	PASS
n7	30	20	502000	50@0	DFT_QAM256	18.090	18.940	PASS
n7	30	20	502000	51@0	CP_QPSK	18.270	19.330	PASS
n7	30	20	507000	50@0	DFT_BPSK	18.090	18.920	PASS
n7	30	20	507000	50@0	DFT_QPSK	18.090	18.930	PASS
n7	30	20	507000	50@0	DFT_QAM16	18.100	18.900	PASS
n7	30	20	507000	50@0	DFT_QAM64	18.090	18.940	PASS
n7	30	20	507000	50@0	DFT_QAM256	18.090	18.930	PASS
n7	30	20	507000	51@0	CP_QPSK	18.270	19.300	PASS
n7	30	20	512000	50@0	DFT_BPSK	18.100	18.930	PASS
n7	30	20	512000	50@0	DFT_QPSK	18.110	18.890	PASS
n7	30	20	512000	50@0	DFT_QAM16	18.110	18.920	PASS
n7	30	20	512000	50@0	DFT_QAM64	18.090	18.920	PASS
n7	30	20	512000	50@0	DFT_QAM256	18.110	18.940	PASS
n7	30	20	512000	51@0	CP_QPSK	18.280	19.320	PASS

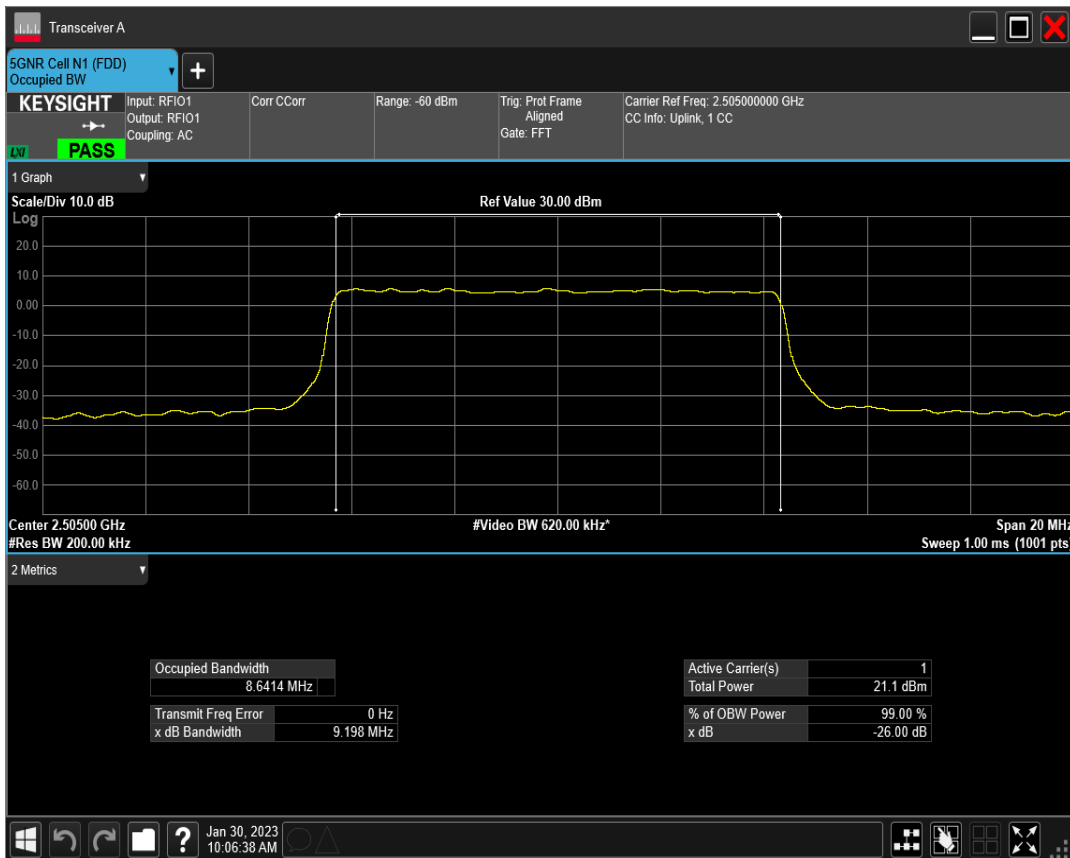
n7 SCS=30kHz DFT\_BPSK BW=10MHz Channel=501000 RB=24@0



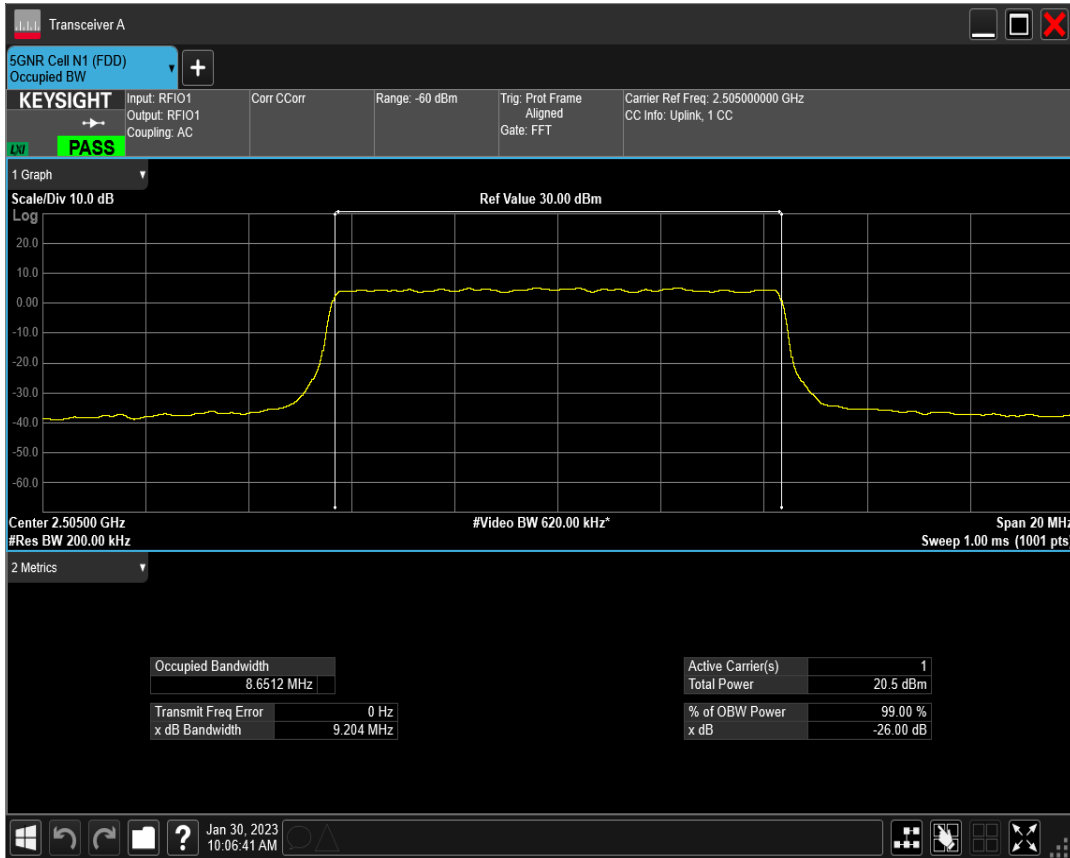
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=501000 RB=24@0



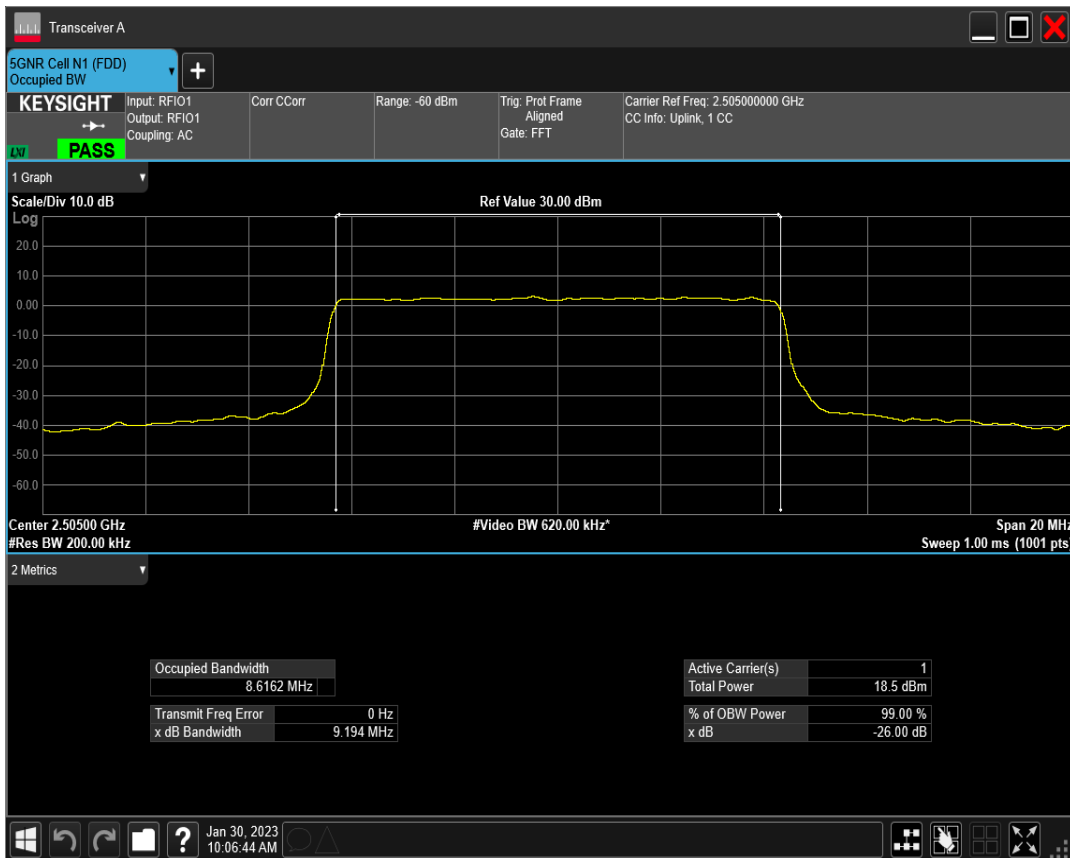
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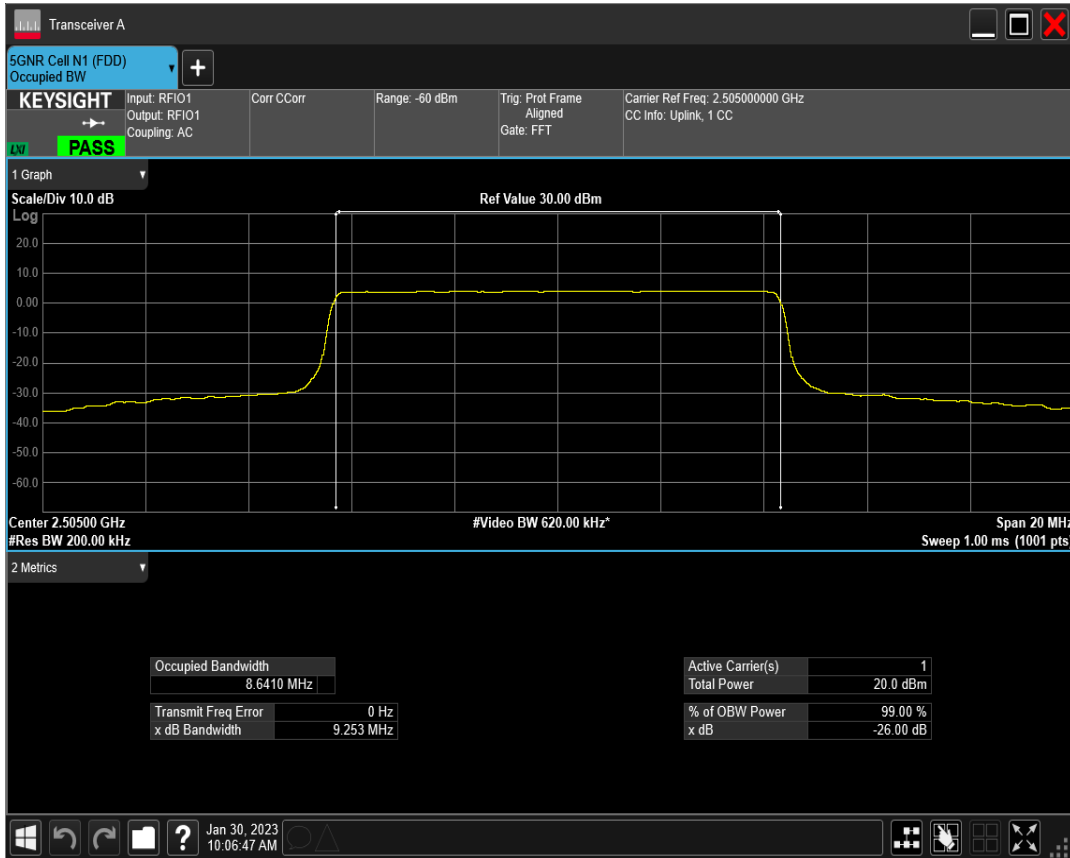
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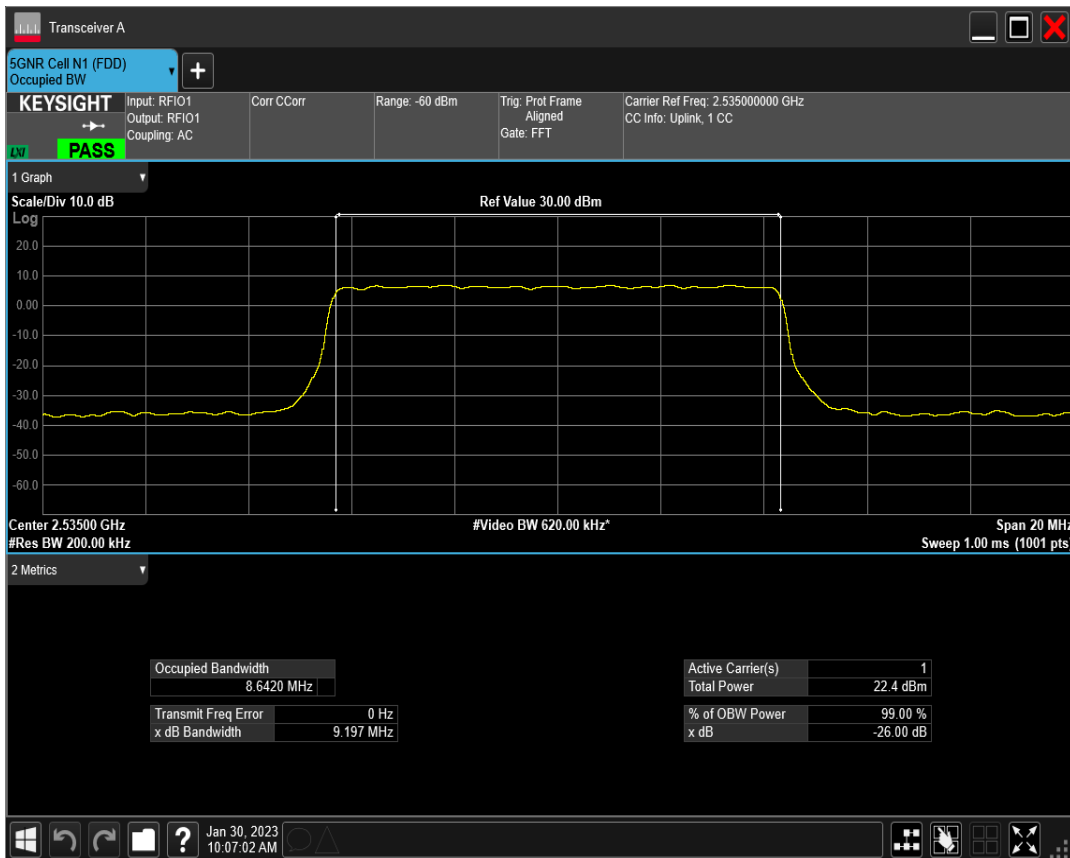
n7 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=501000 RB=24@0



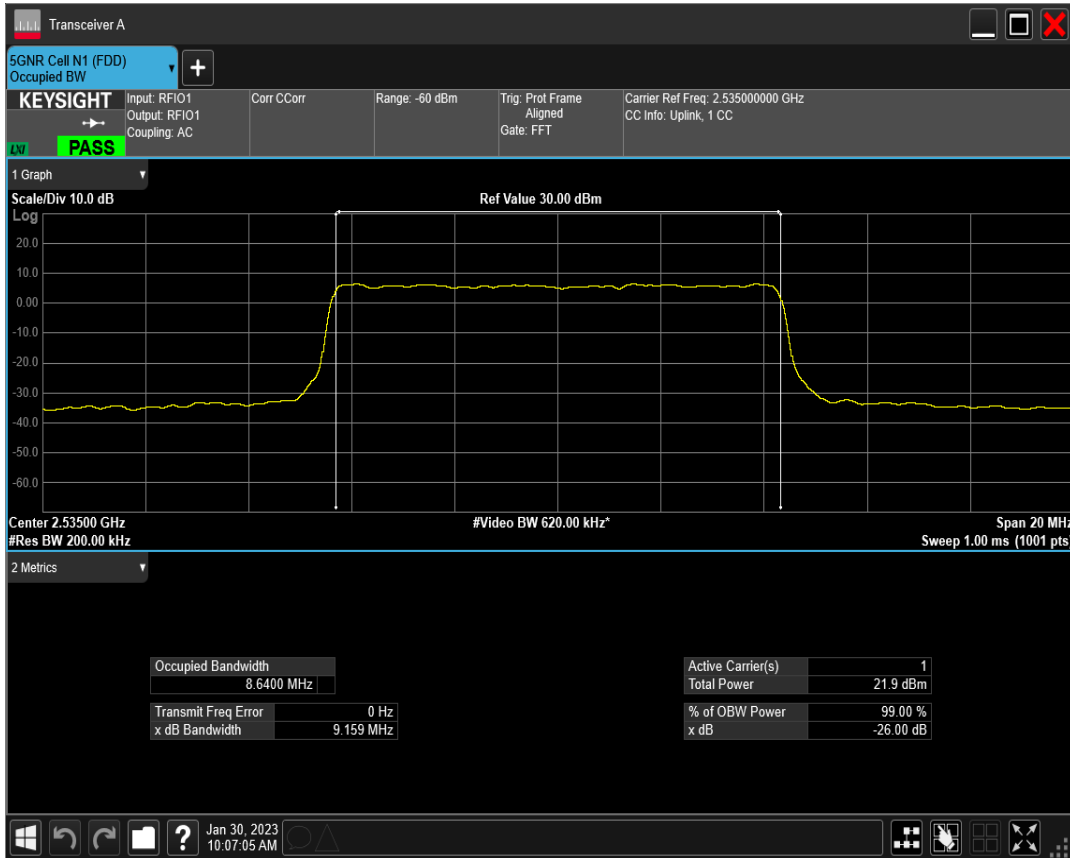
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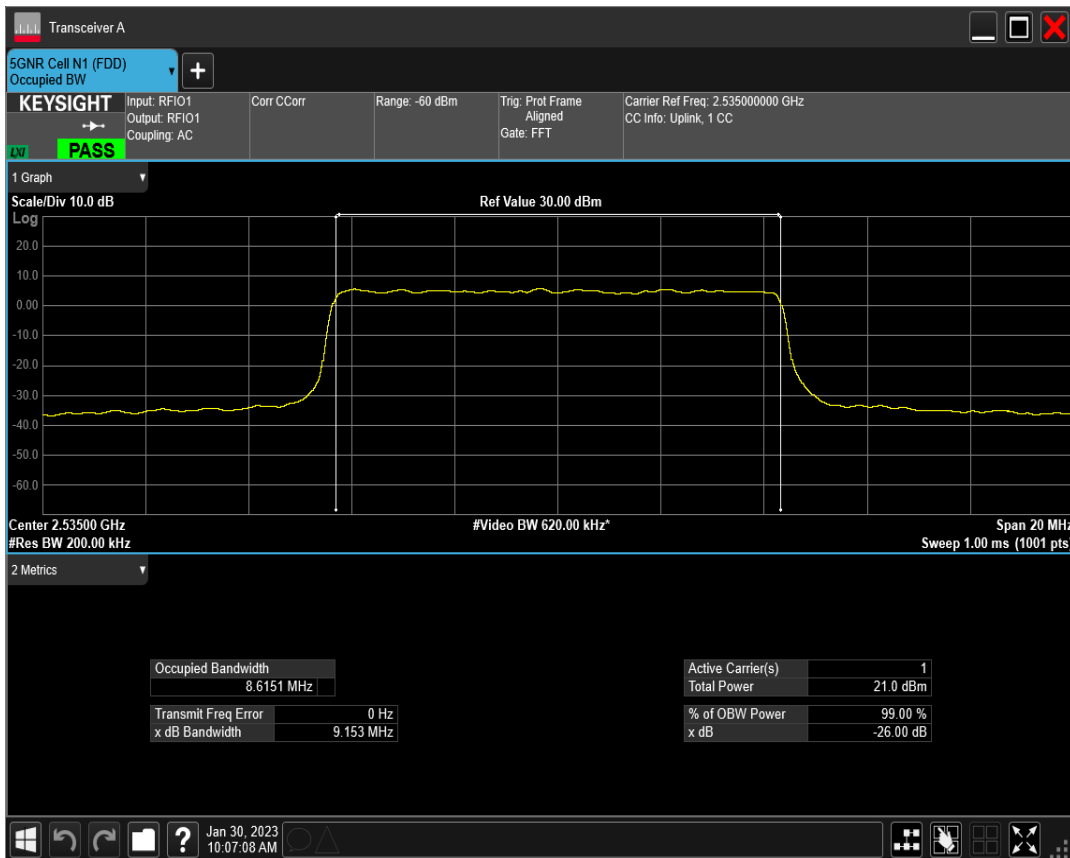
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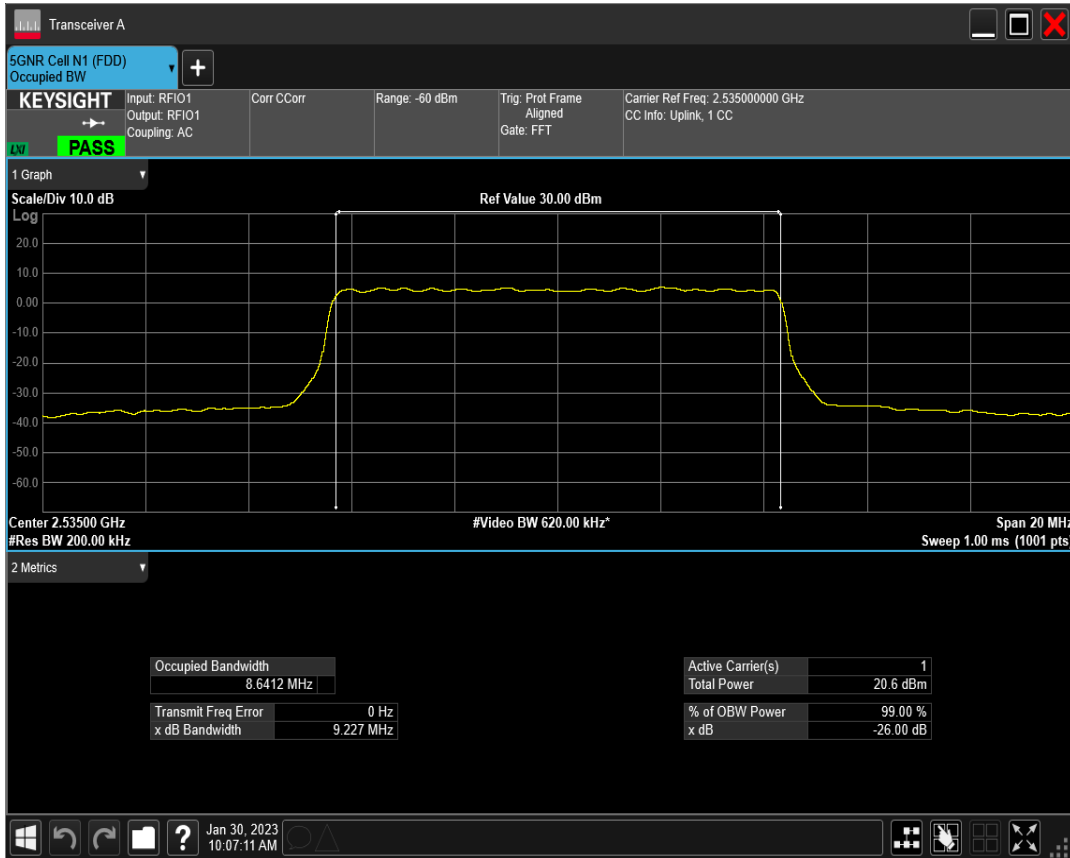
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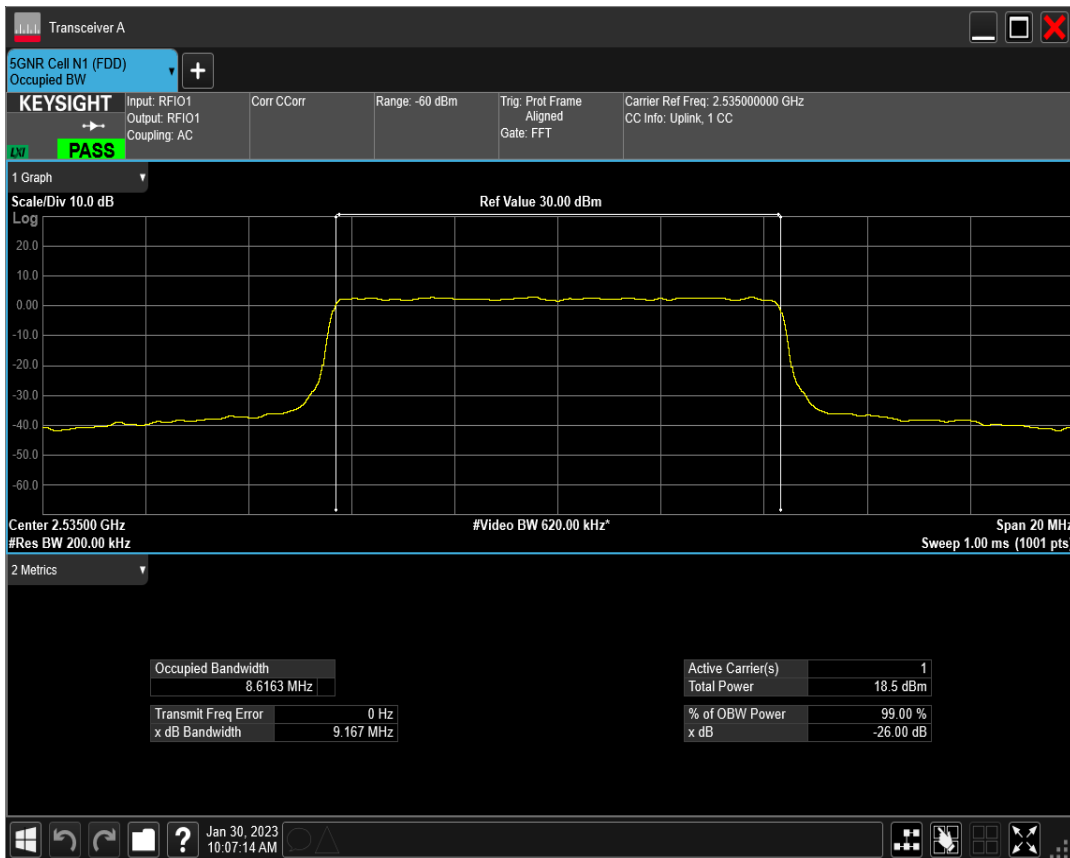
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n7 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=507000 RB=24@0

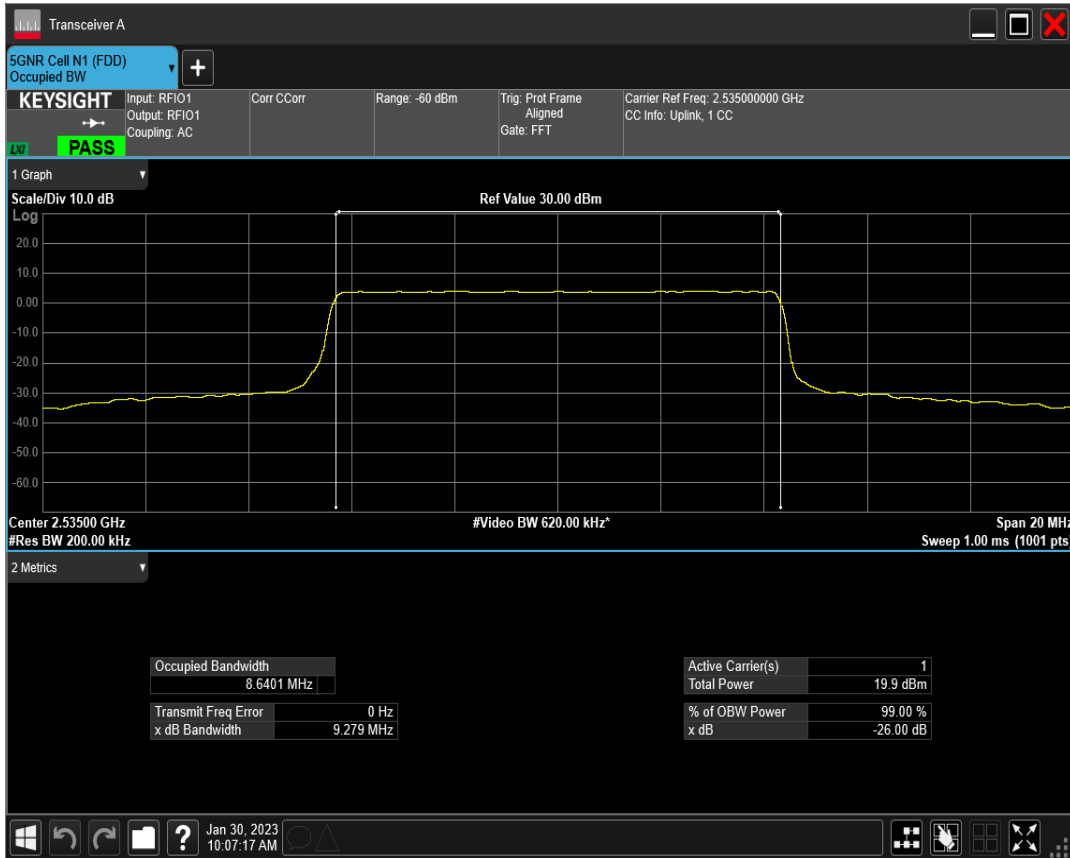


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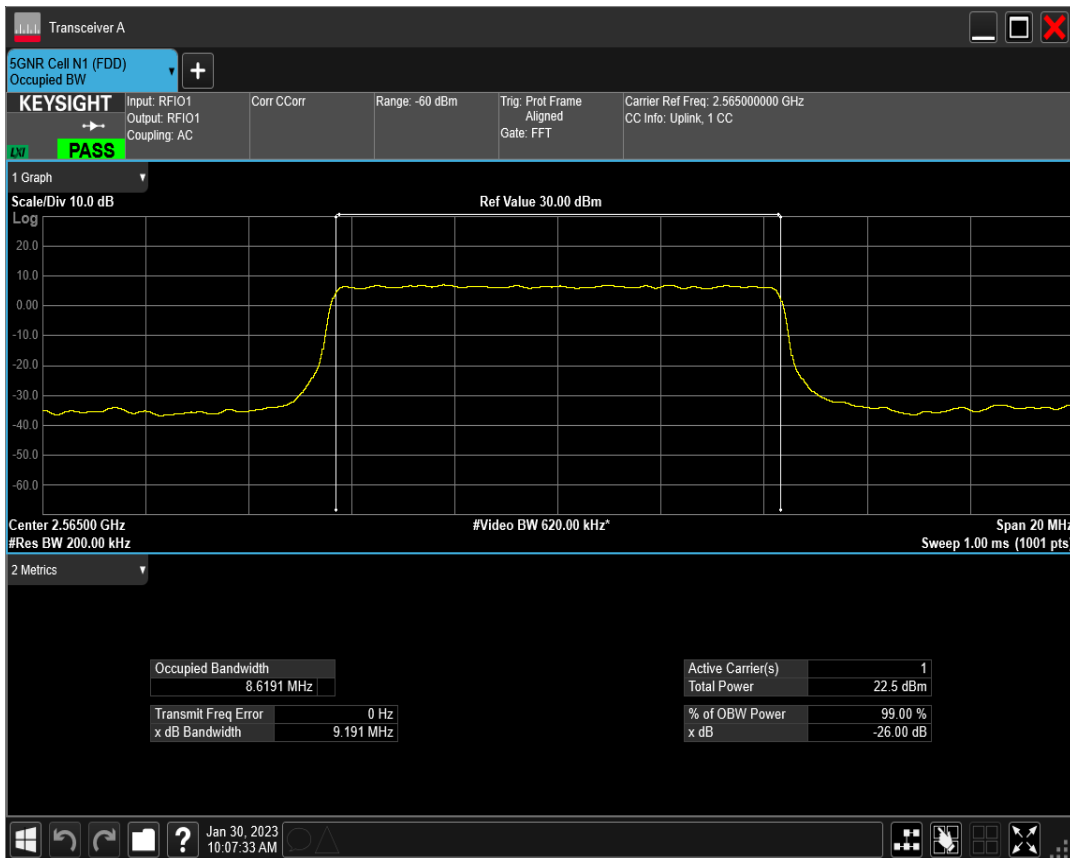


n7 SCS=30kHz CP\_QPSK BW=10MHz Channel=507000 RB=24@0





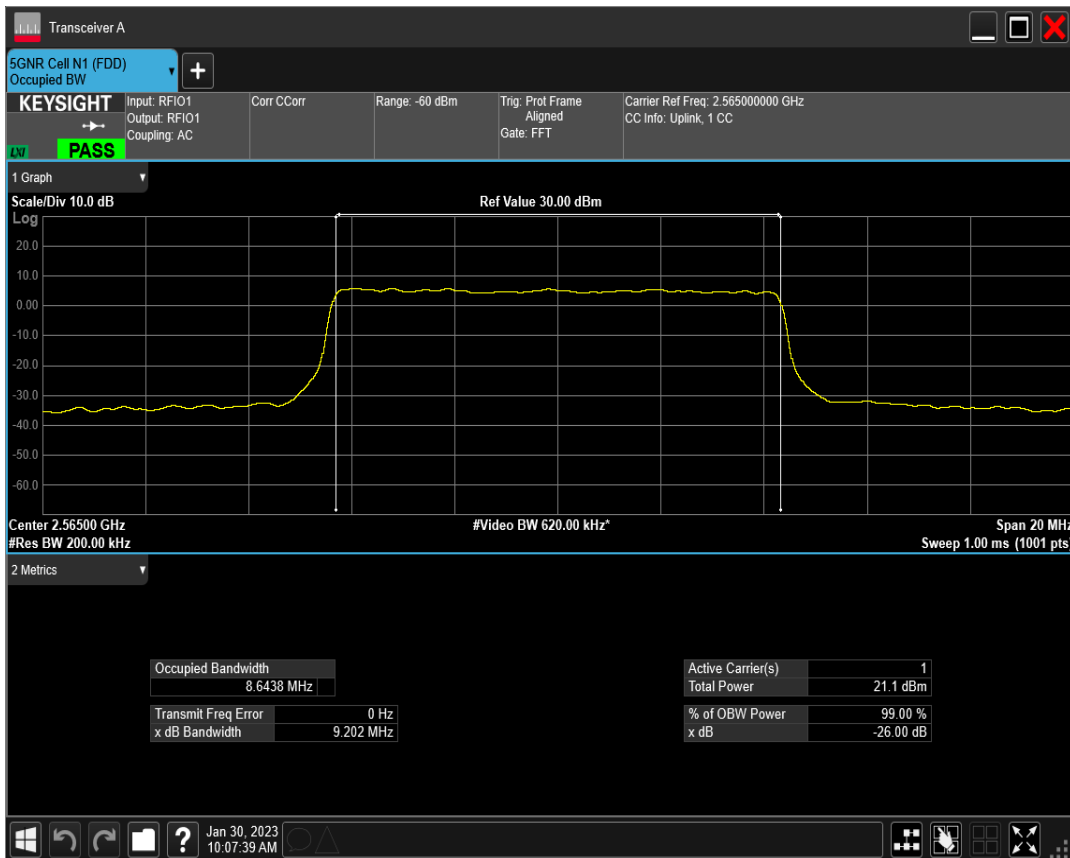
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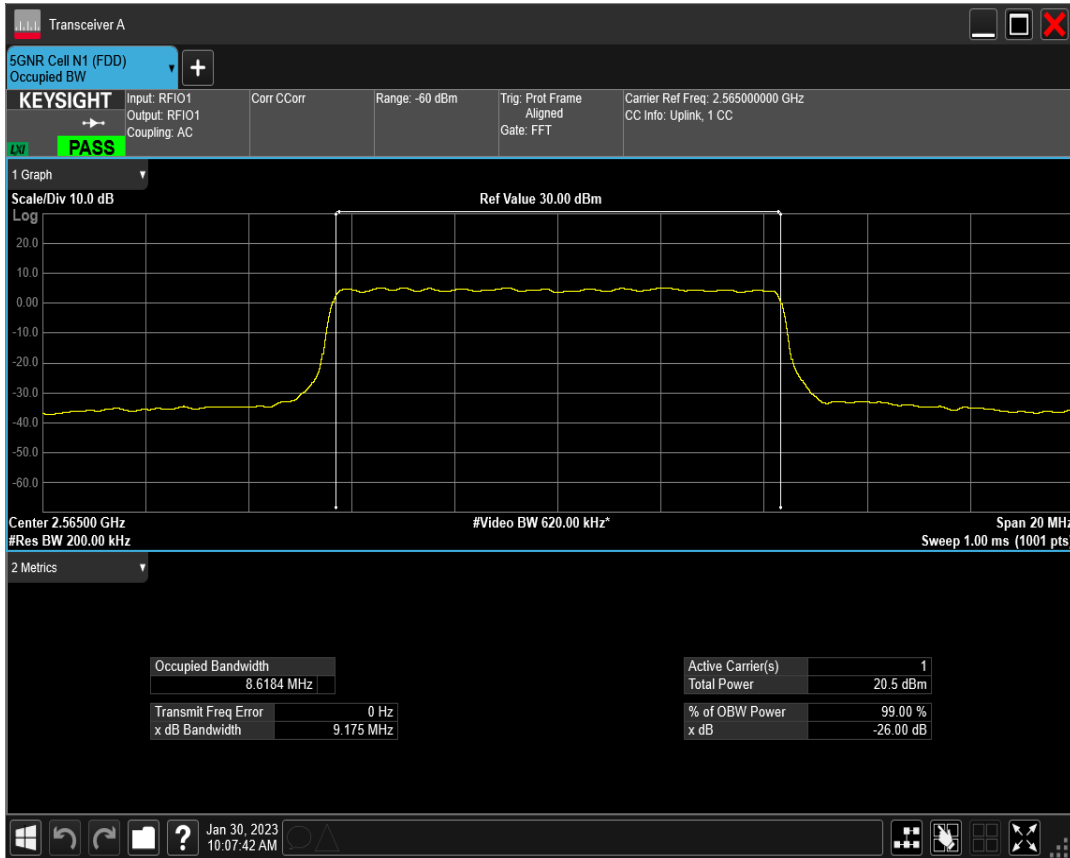
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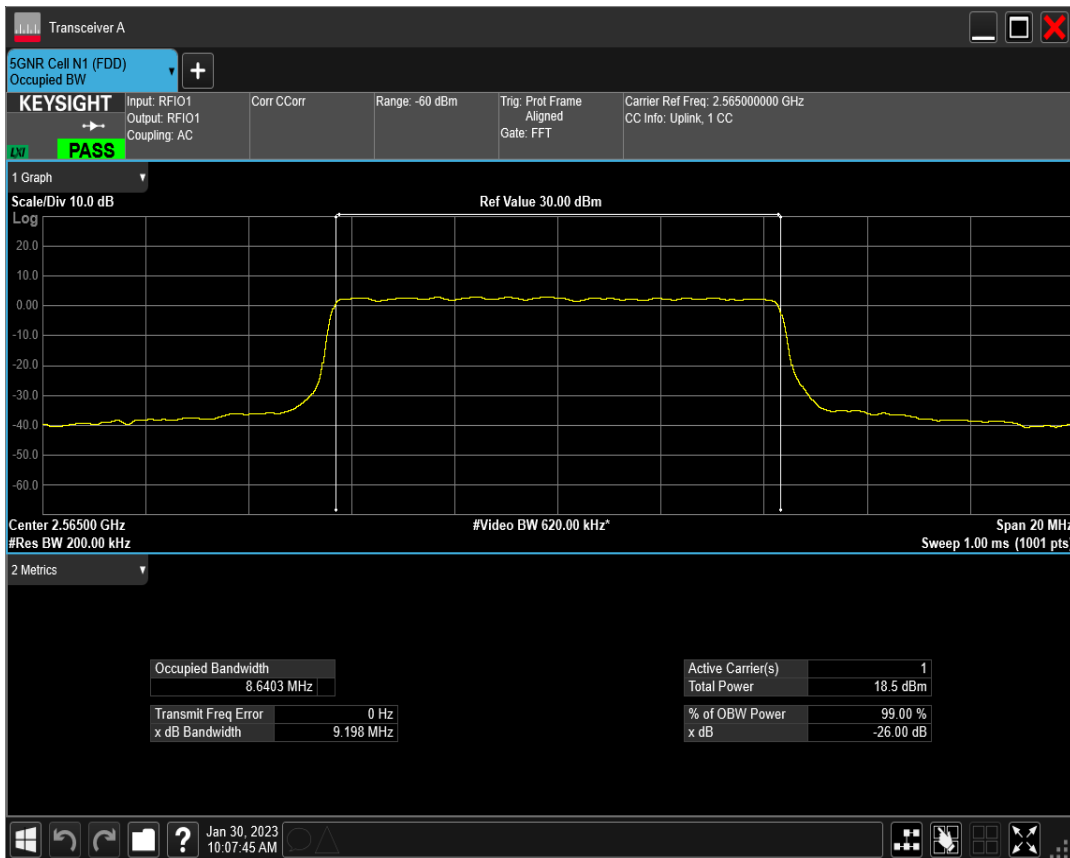
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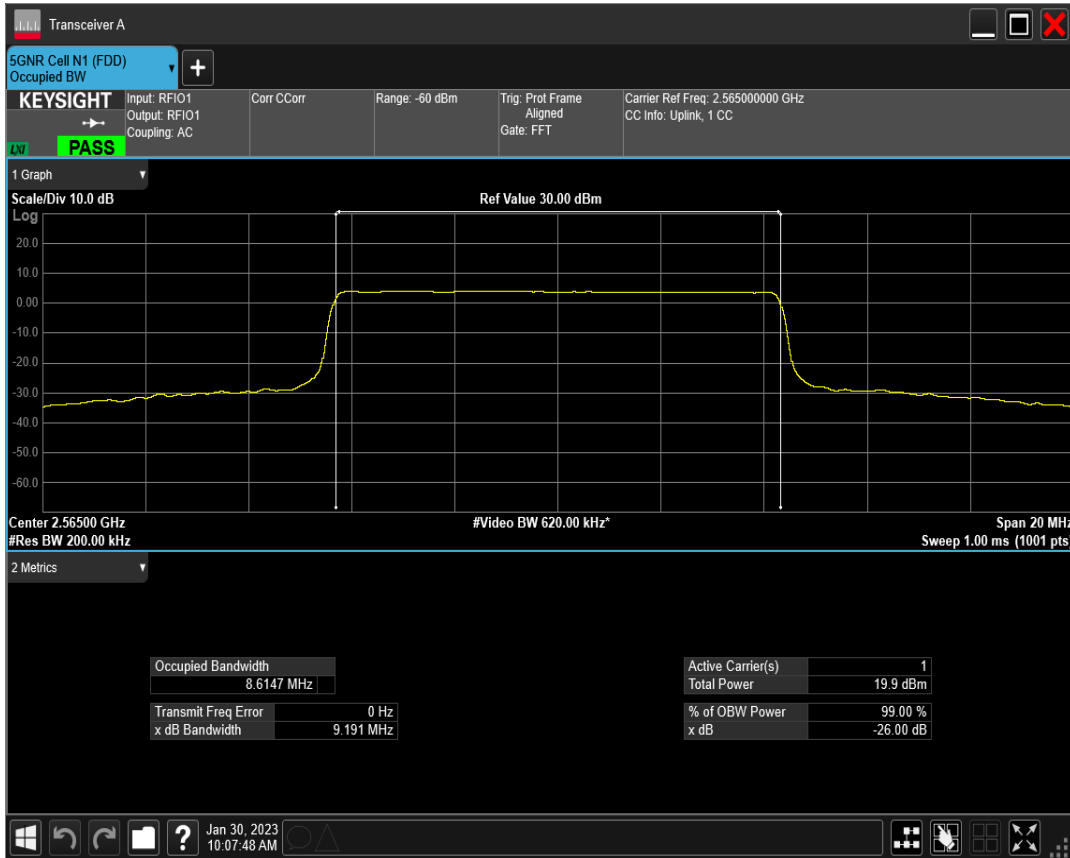
n7 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=513000 RB=24@0



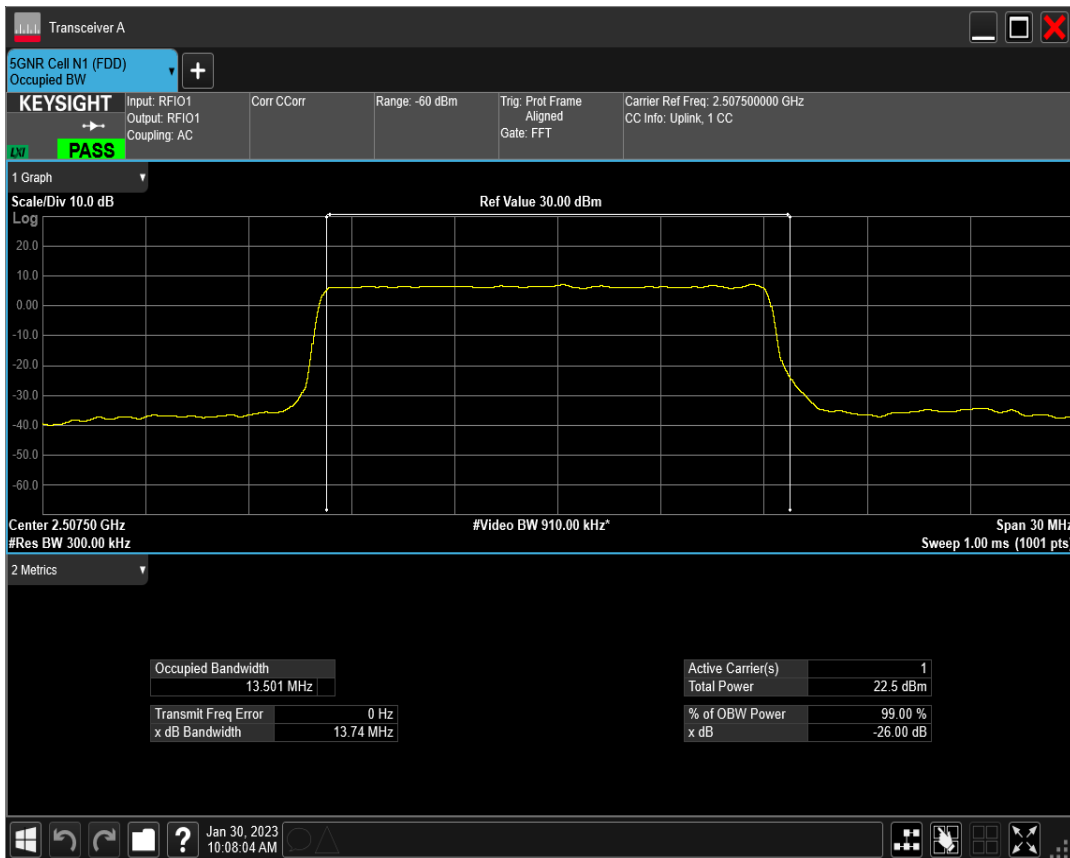
n7 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=513000 RB=24@0



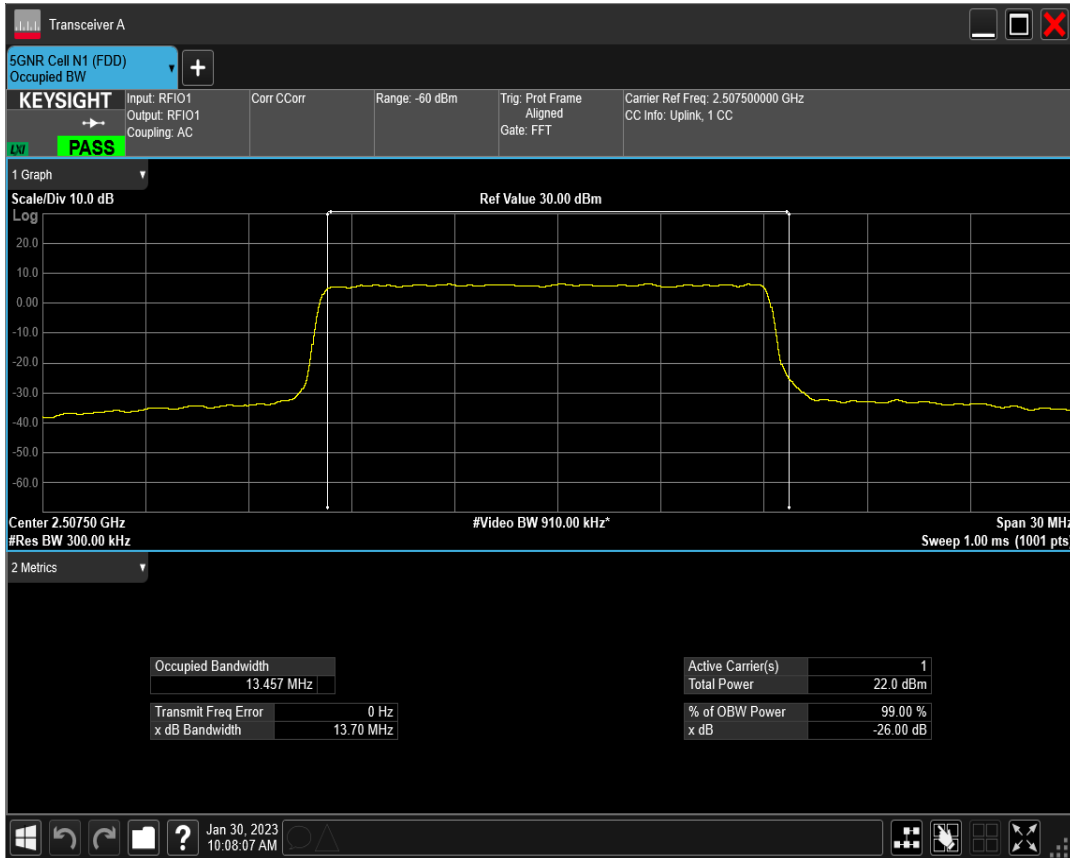
n7 SCS=30kHz CP\_QPSK BW=10MHz Channel=513000 RB=24@0



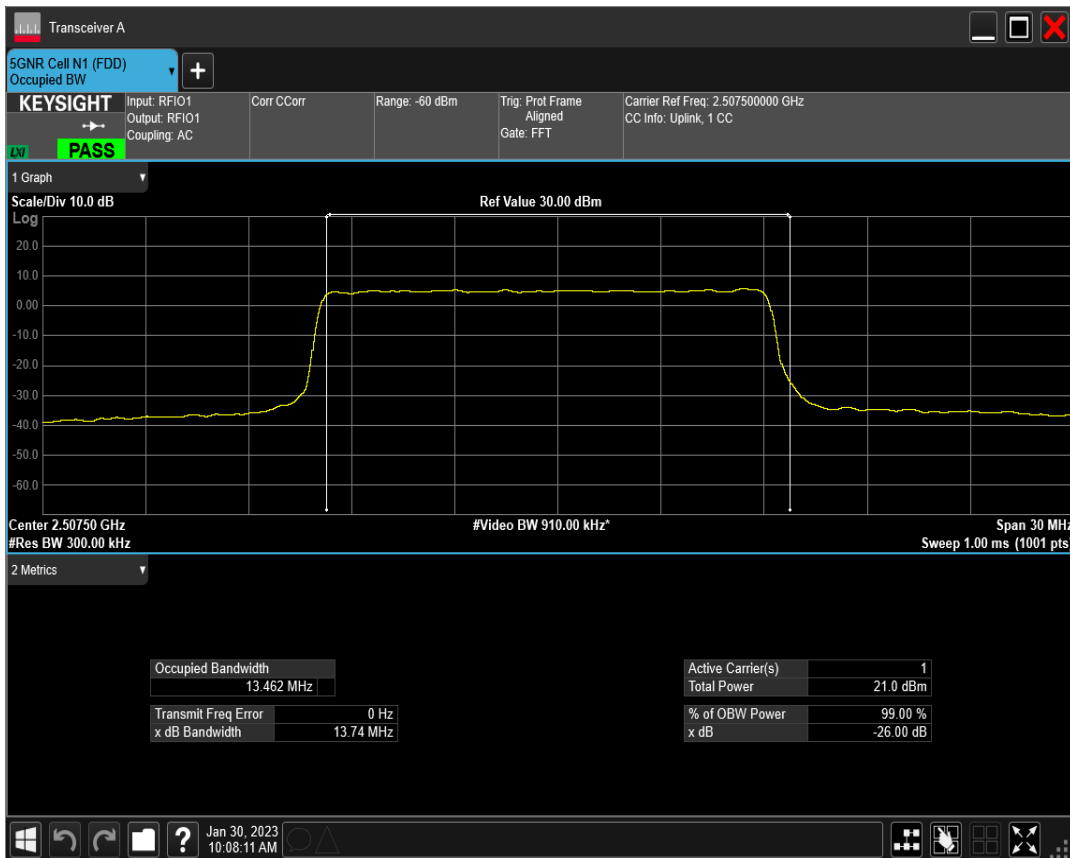
n7 SCS=30kHz DFT\_BPSK BW=15MHz Channel=501500 RB=36@0



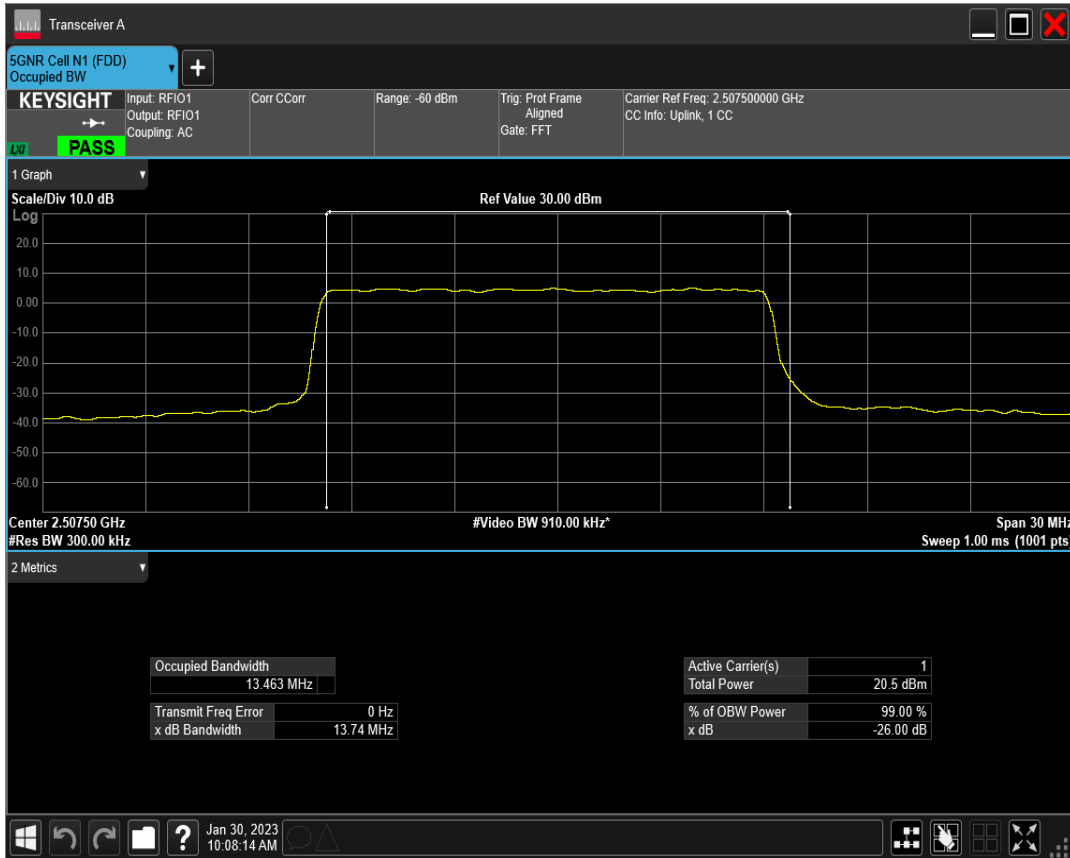
n7 SCS=30kHz DFT\_QPSK BW=15MHz Channel=501500 RB=36@0



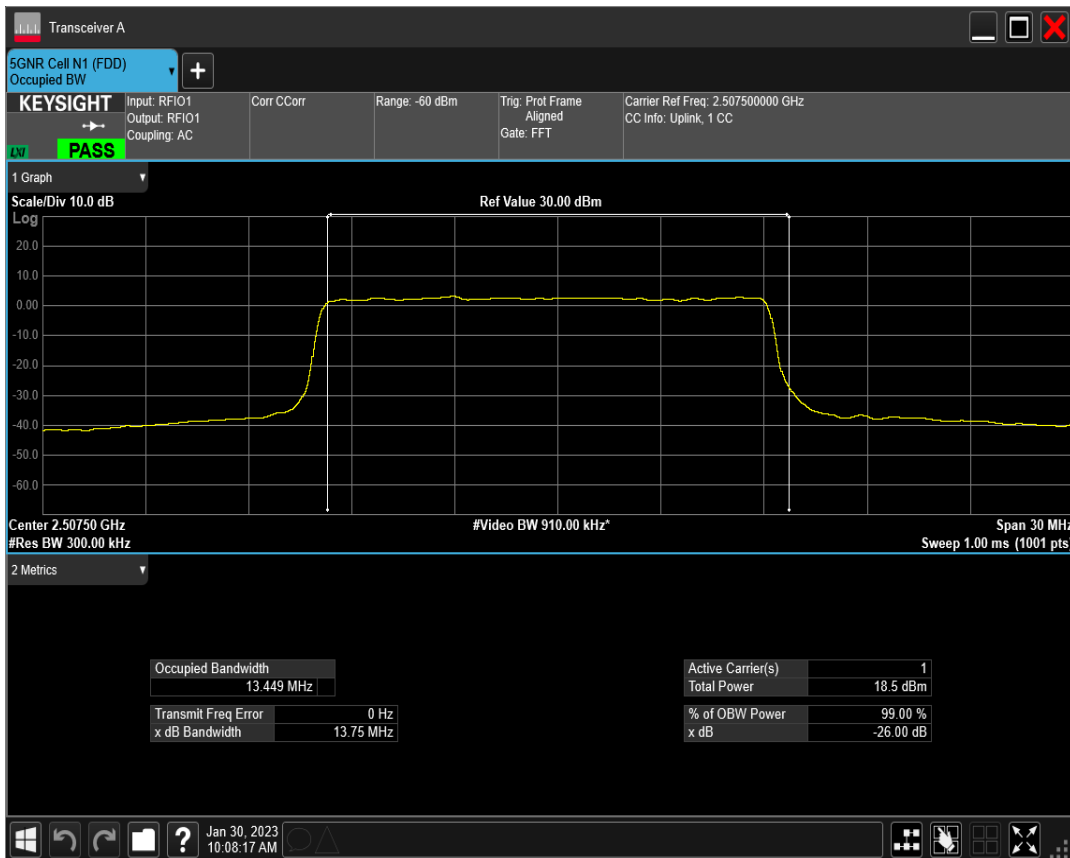
n7 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=501500 RB=36@0



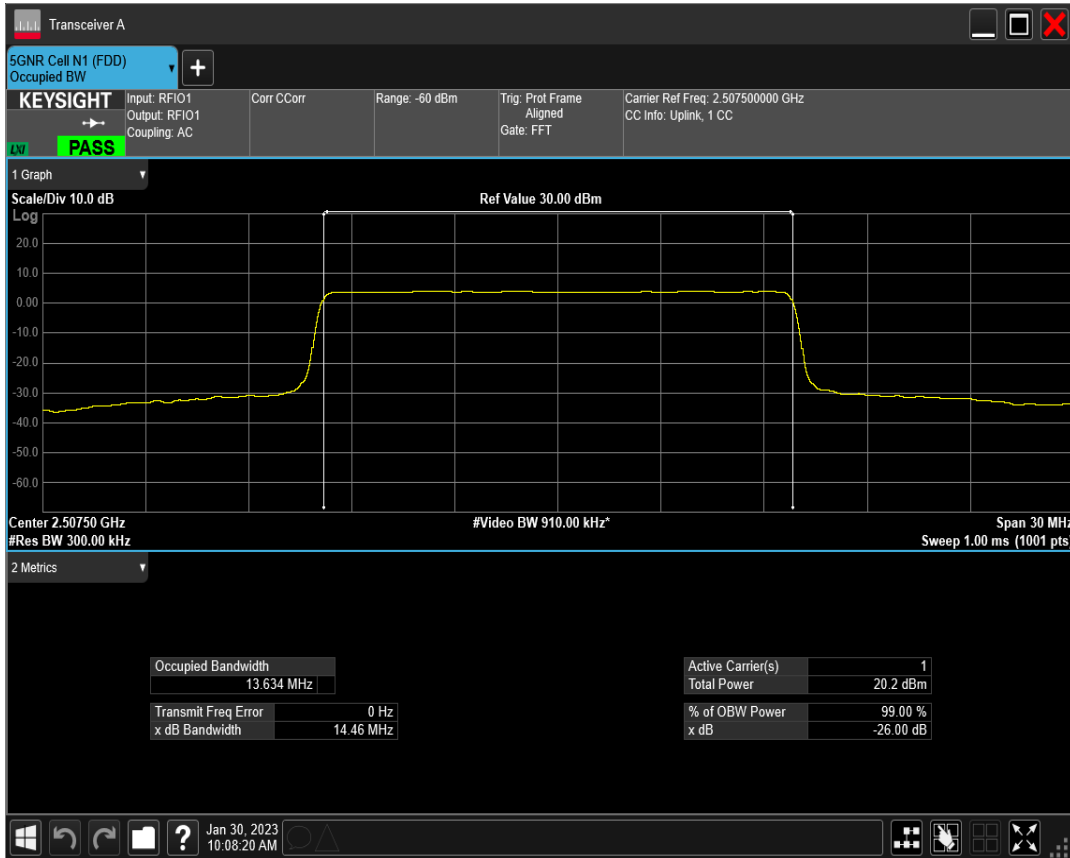
n7 SCS=30kHz DFT\_QAM64 BW=15MHz Channel=501500 RB=36@0



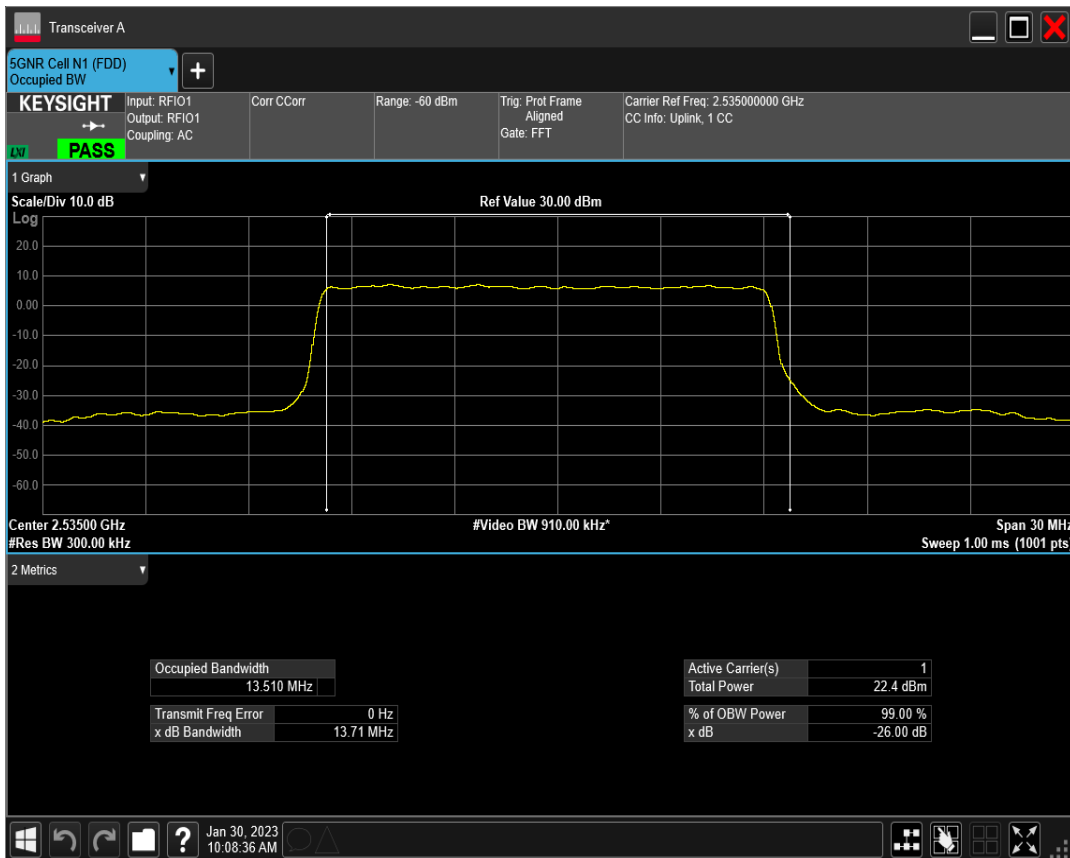
n7 SCS=30kHz DFT\_QAM256 BW=15MHz Channel=501500 RB=36@0



n7 SCS=30kHz CP\_QPSK BW=15MHz Channel=501500 RB=38@0



n7 SCS=30kHz DFT\_BPSK BW=15MHz Channel=507000 RB=36@0

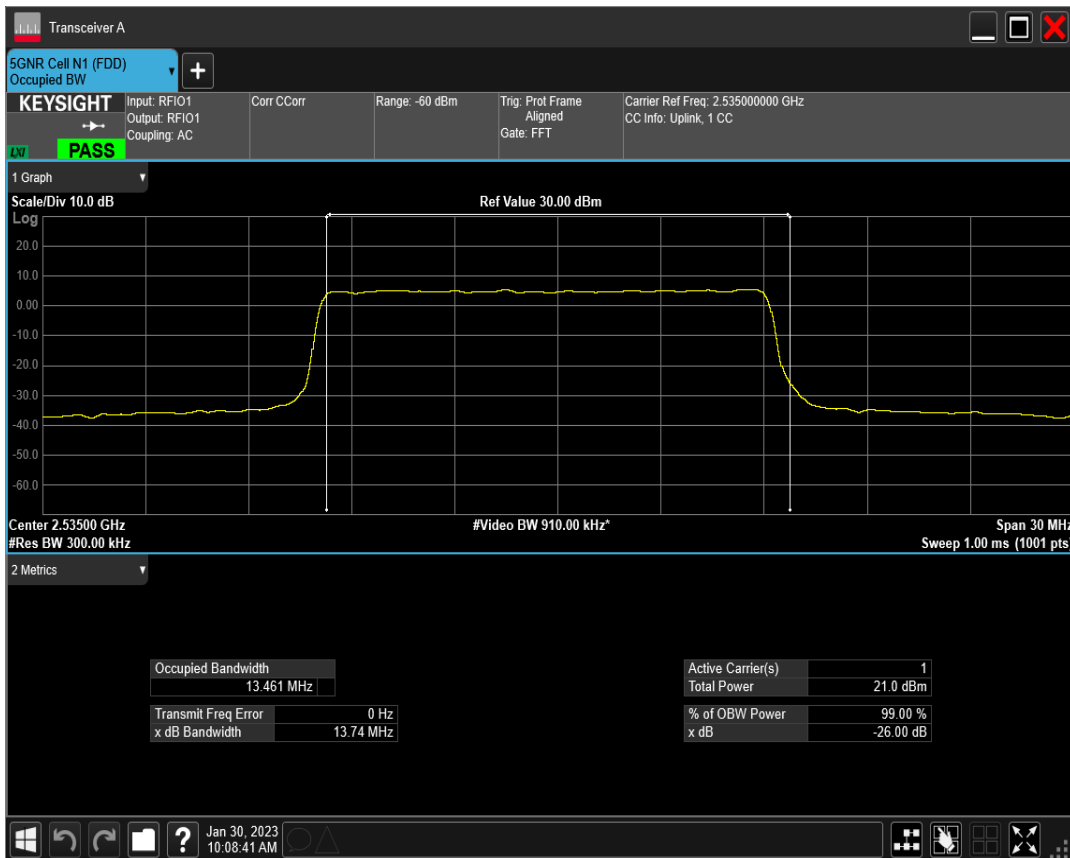


n7 SCS=30kHz DFT\_QPSK BW=15MHz Channel=507000 RB=36@0

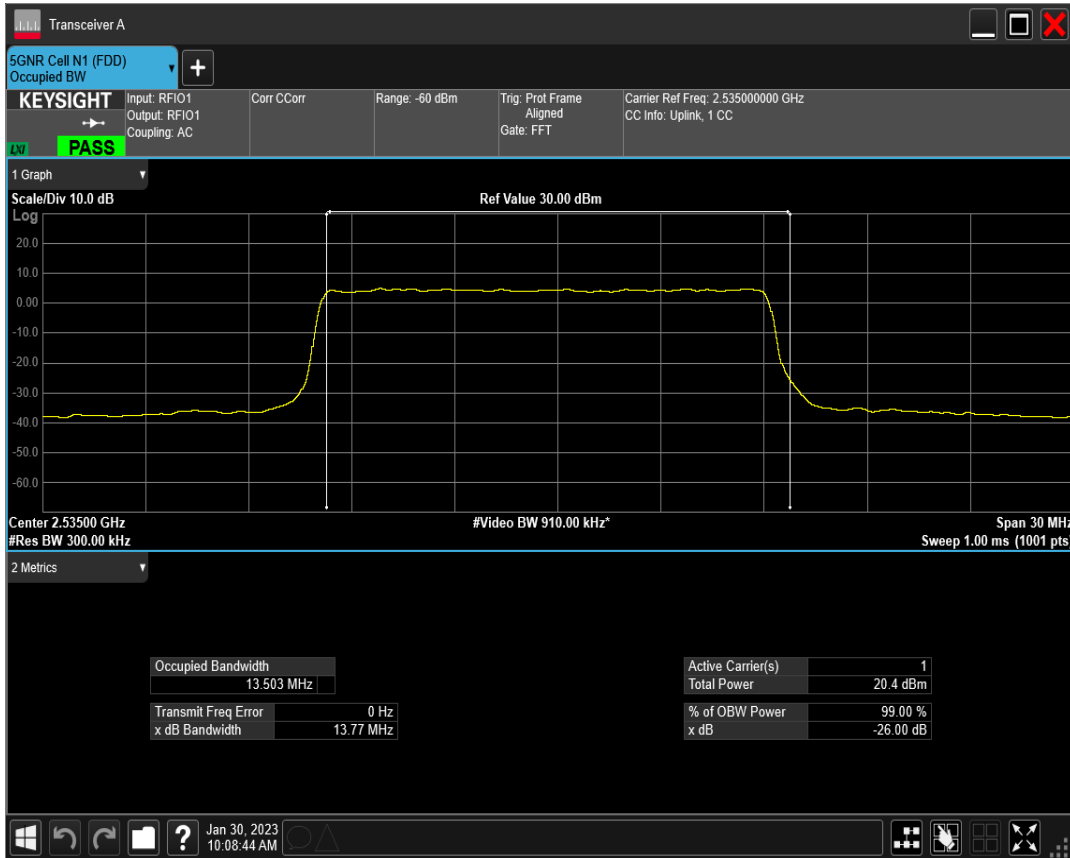




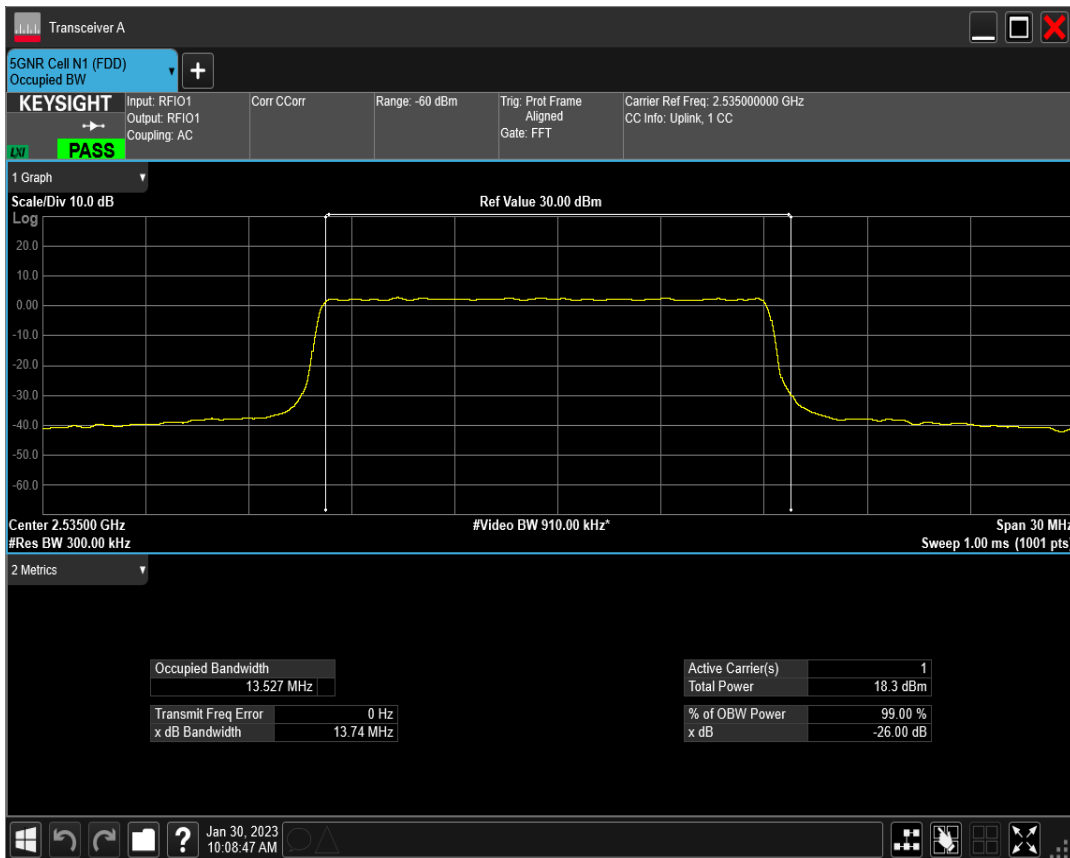
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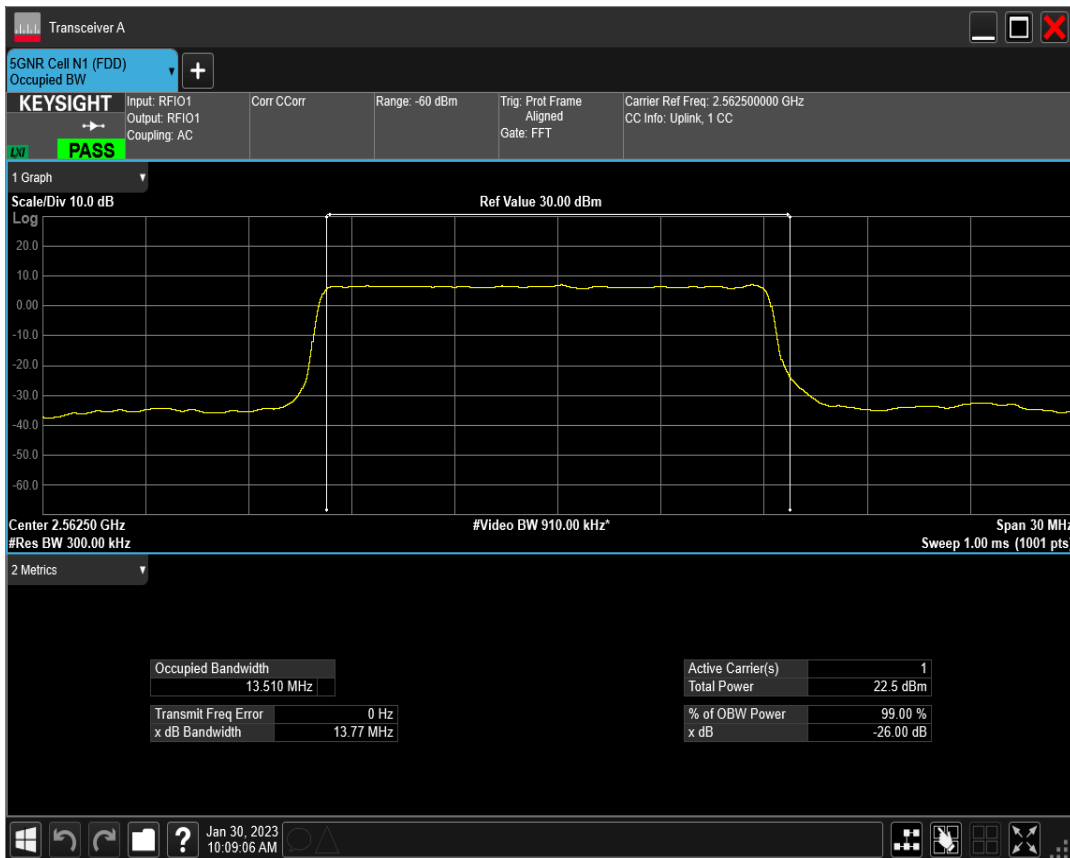
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n7 SCS=30kHz CP\_QPSK BW=15MHz Channel=507000 RB=38@0



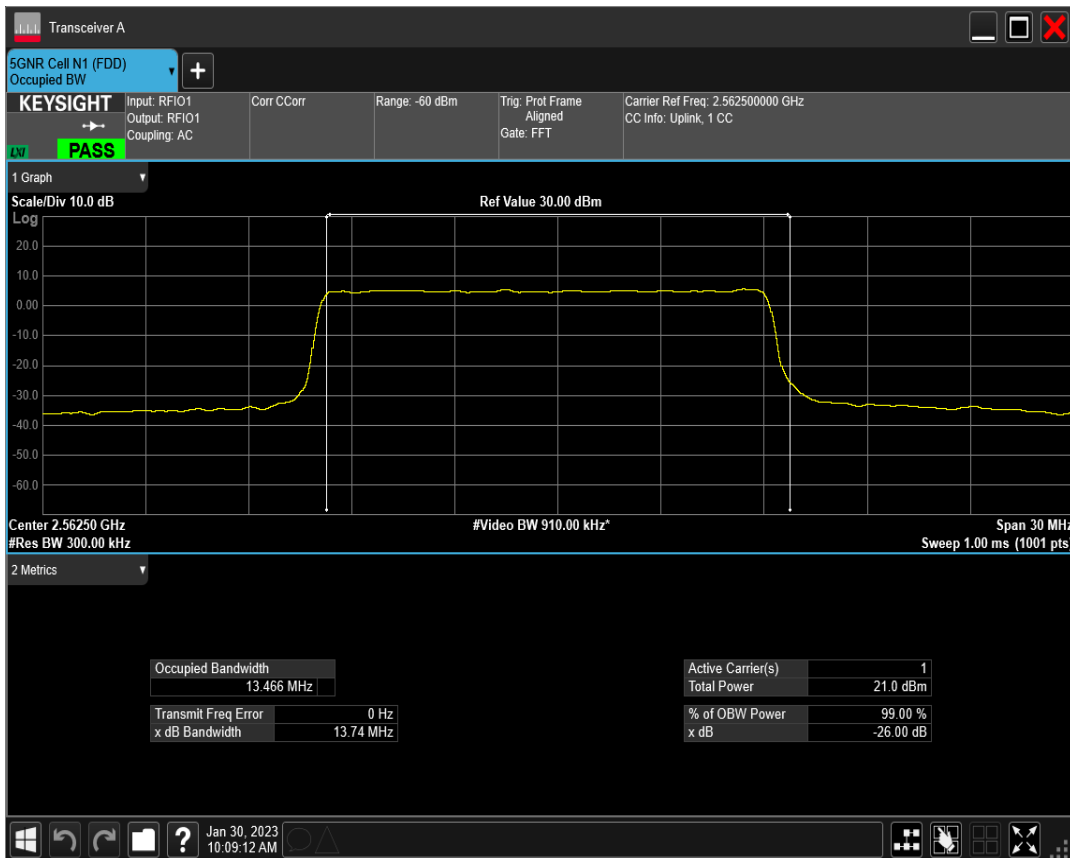
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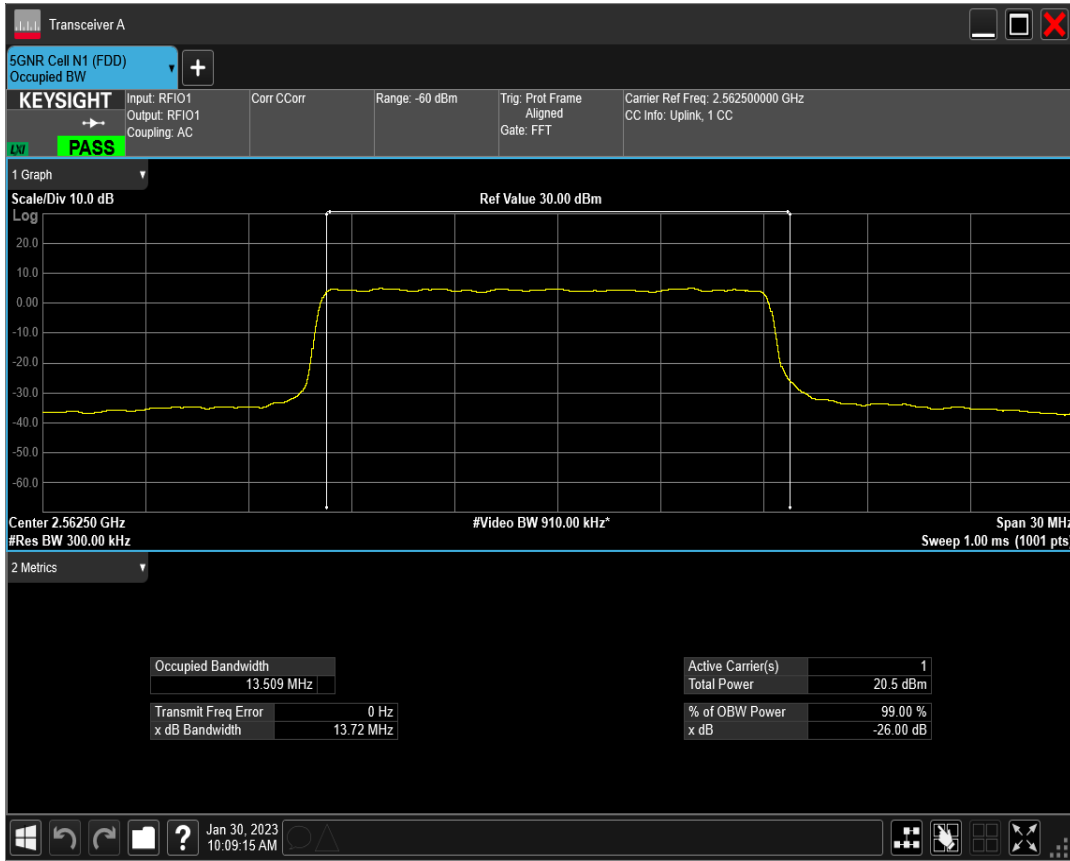
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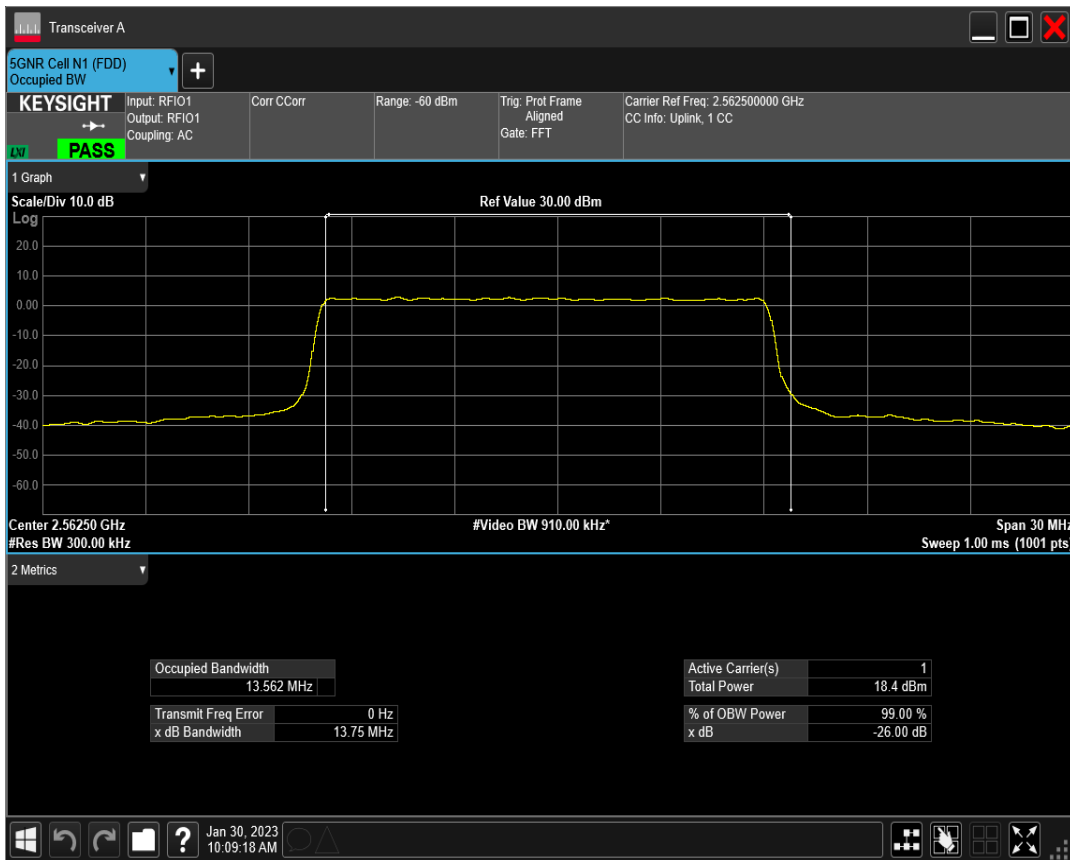
n7 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=512500 RB=36@0



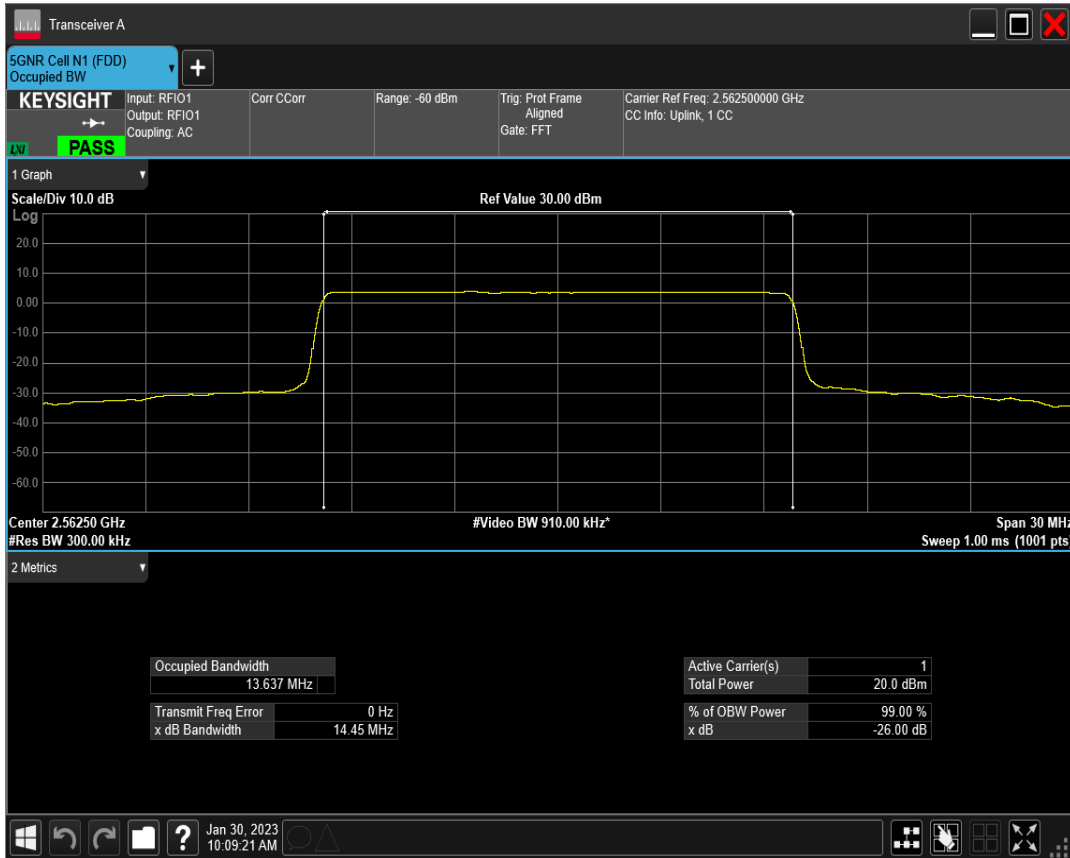
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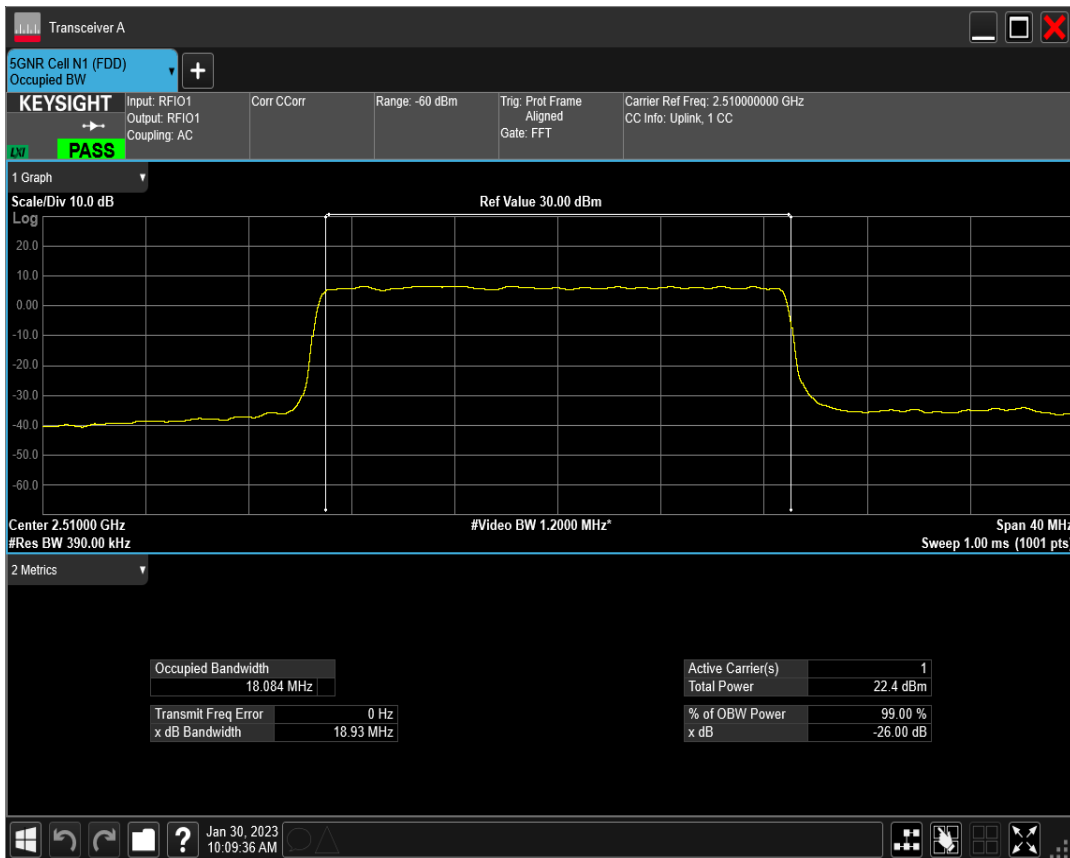
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n7 SCS=30kHz CP\_QPSK BW=15MHz Channel=512500 RB=38@0



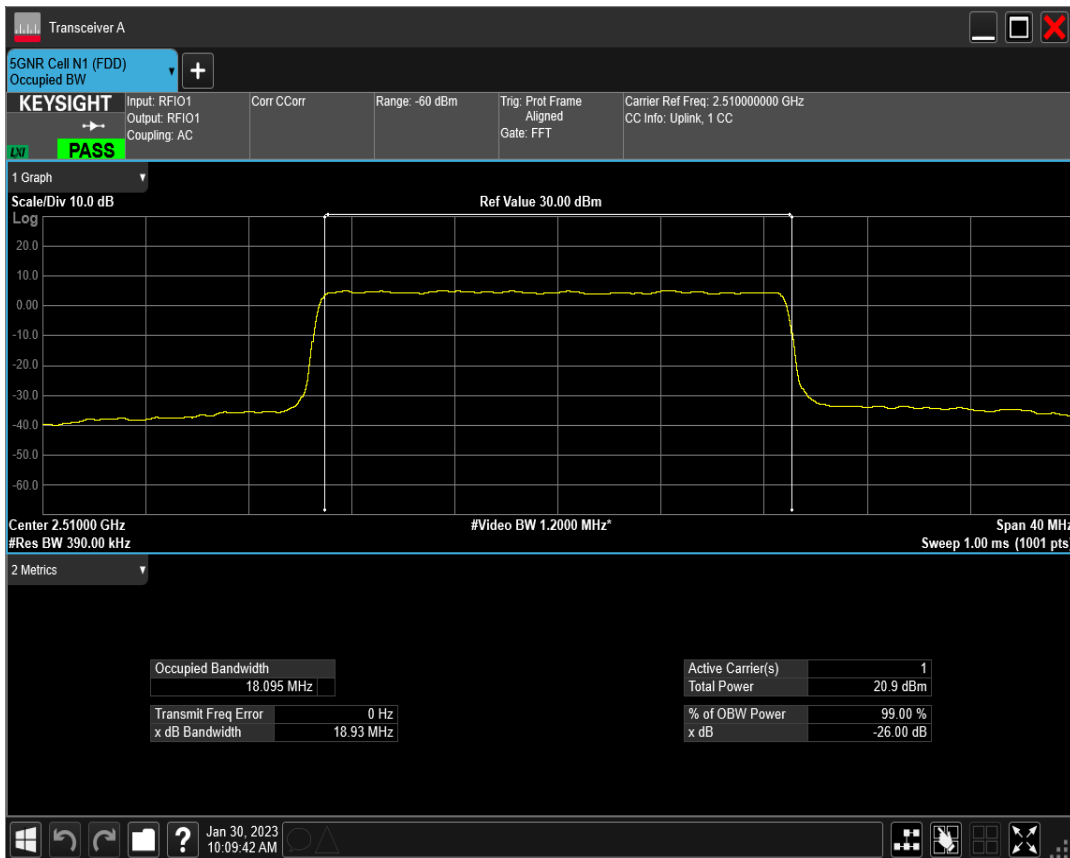
n7 SCS=30kHz DFT\_BPSK BW=20MHz Channel=502000 RB=50@0



n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=502000 RB=50@0

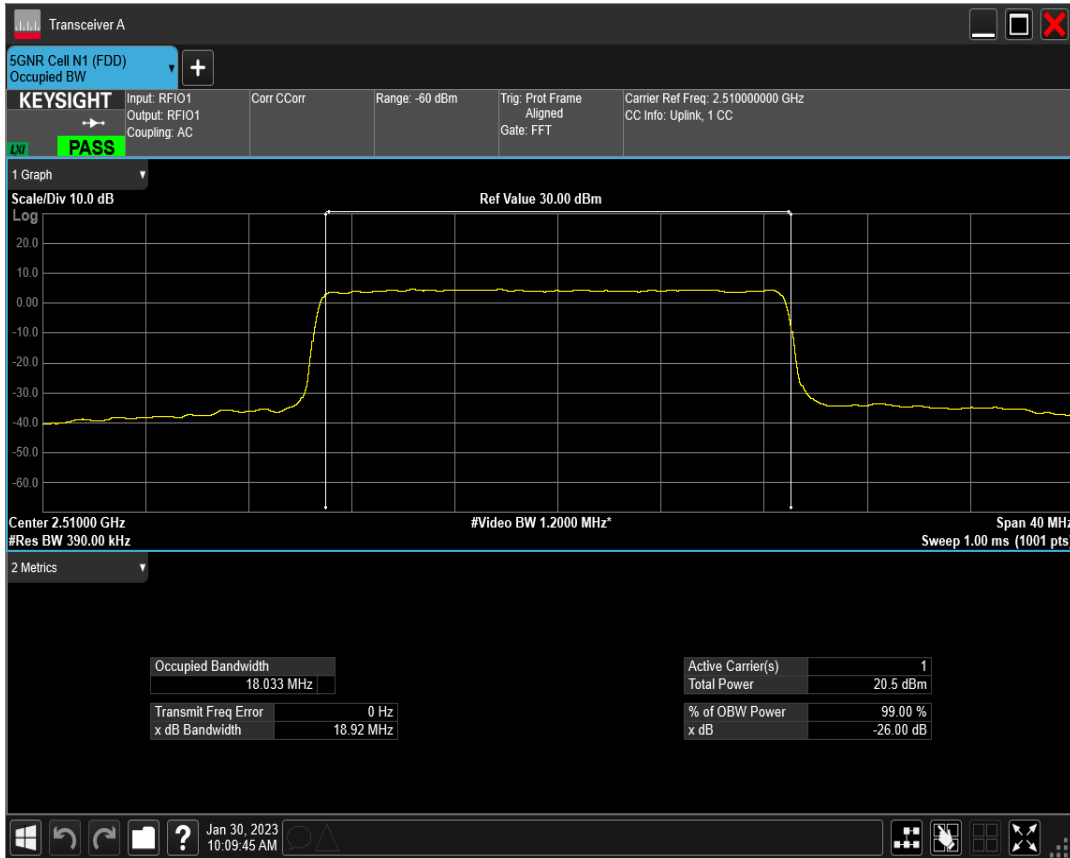


n7 SCS=30kHz DFT\_QAM16 BW=20MHz Channel=502000 RB=50@0

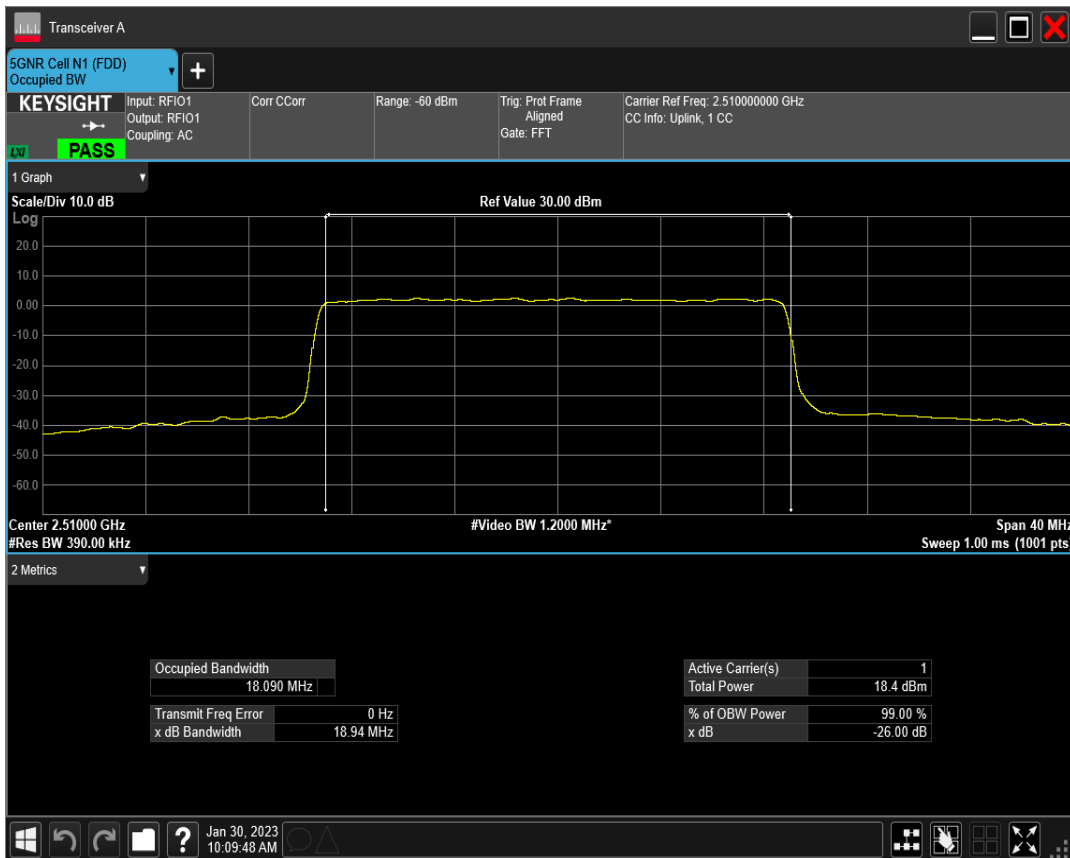


n7 SCS=30kHz DFT\_QAM64 BW=20MHz Channel=502000 RB=50@0

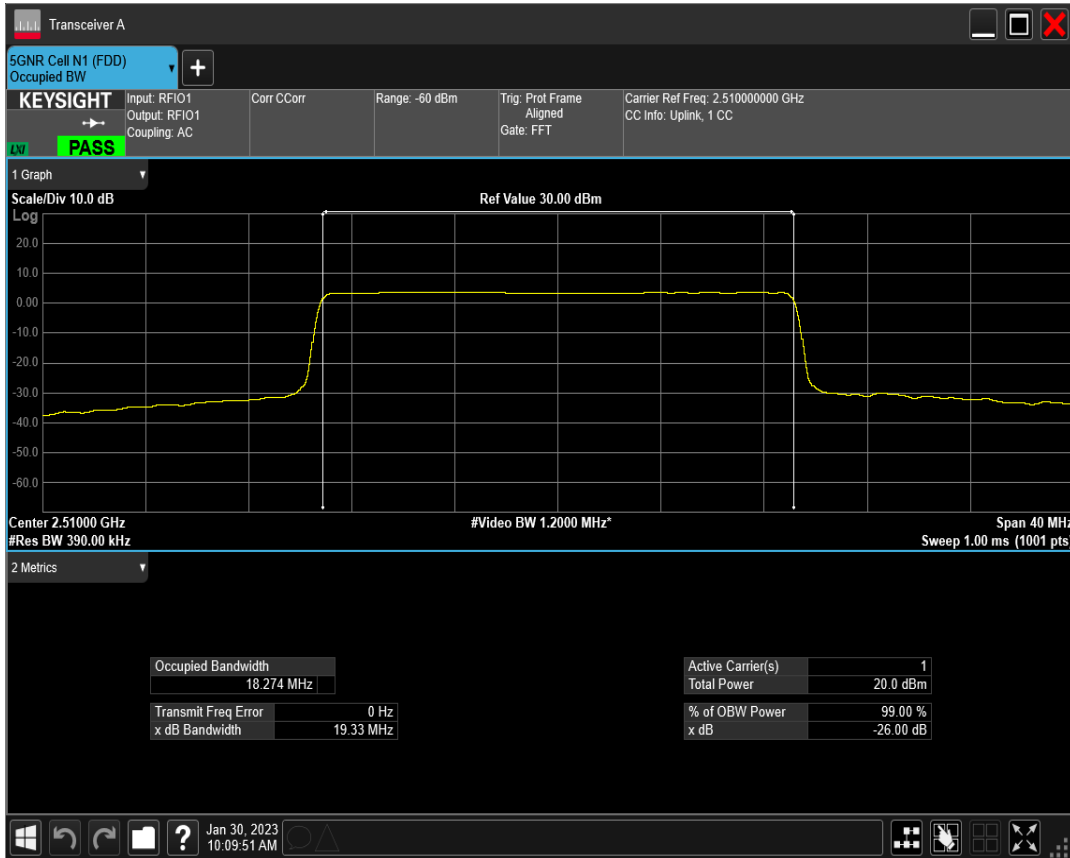




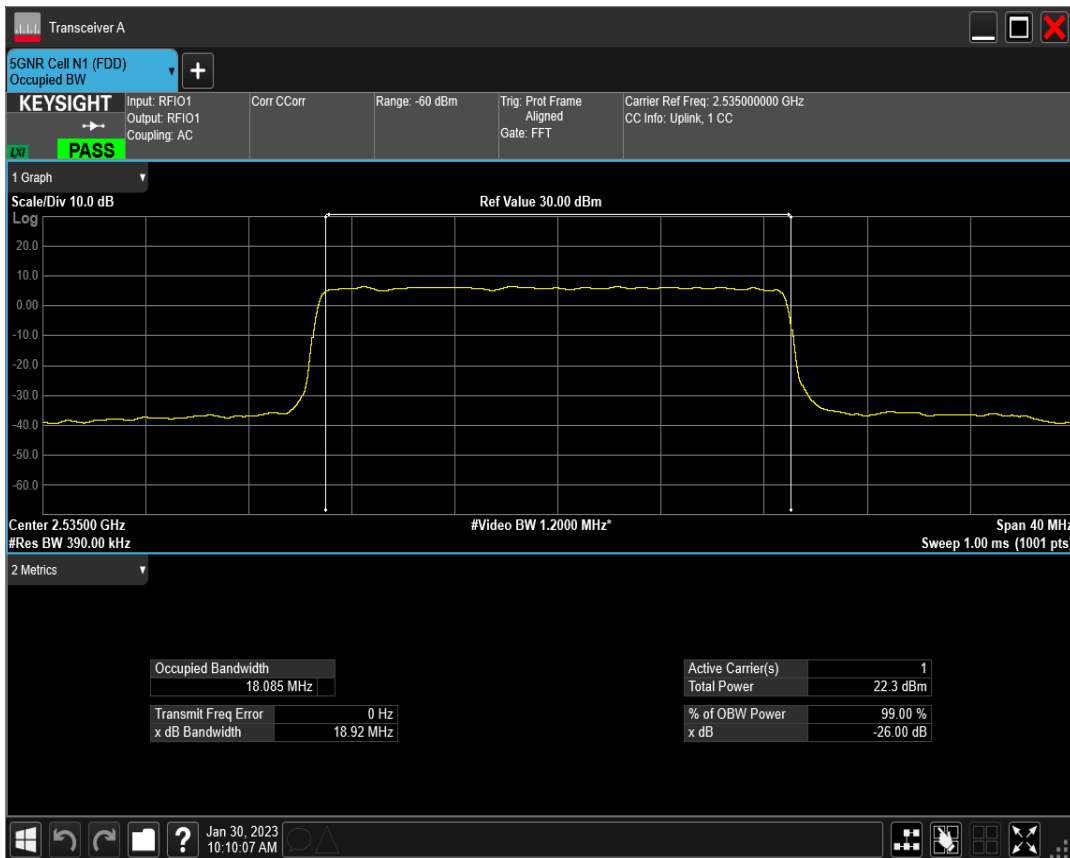
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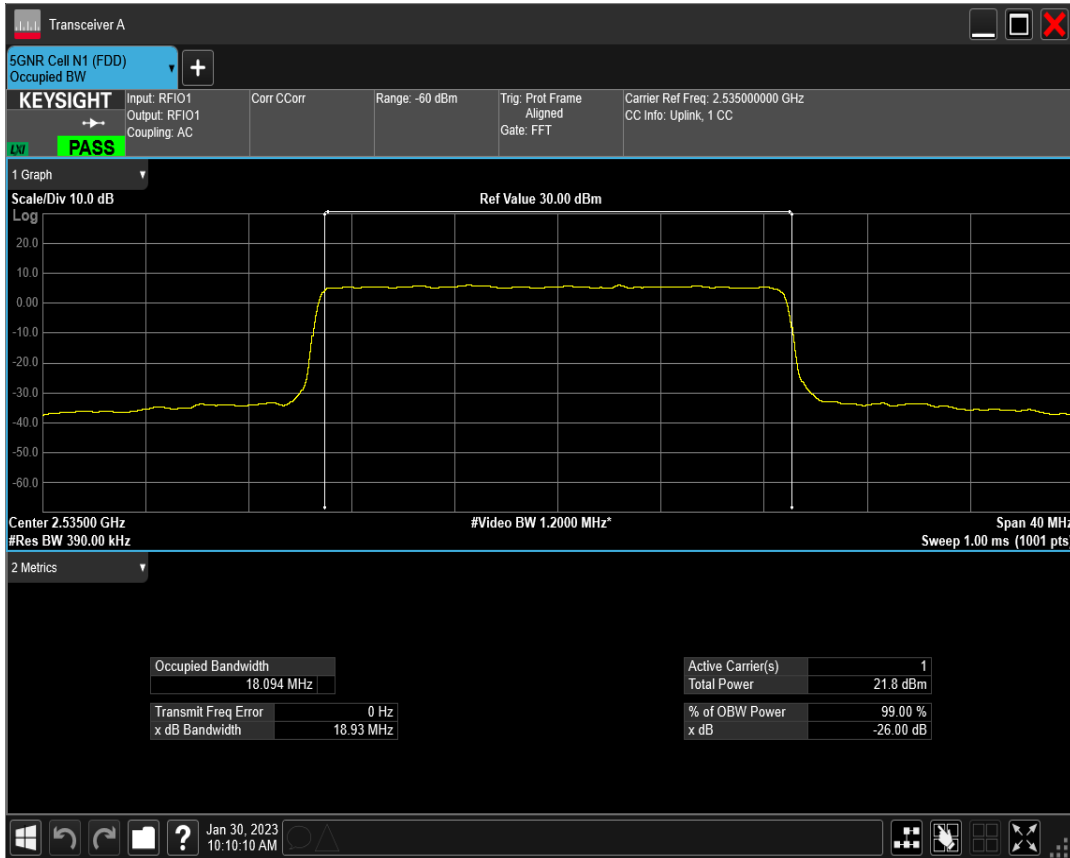
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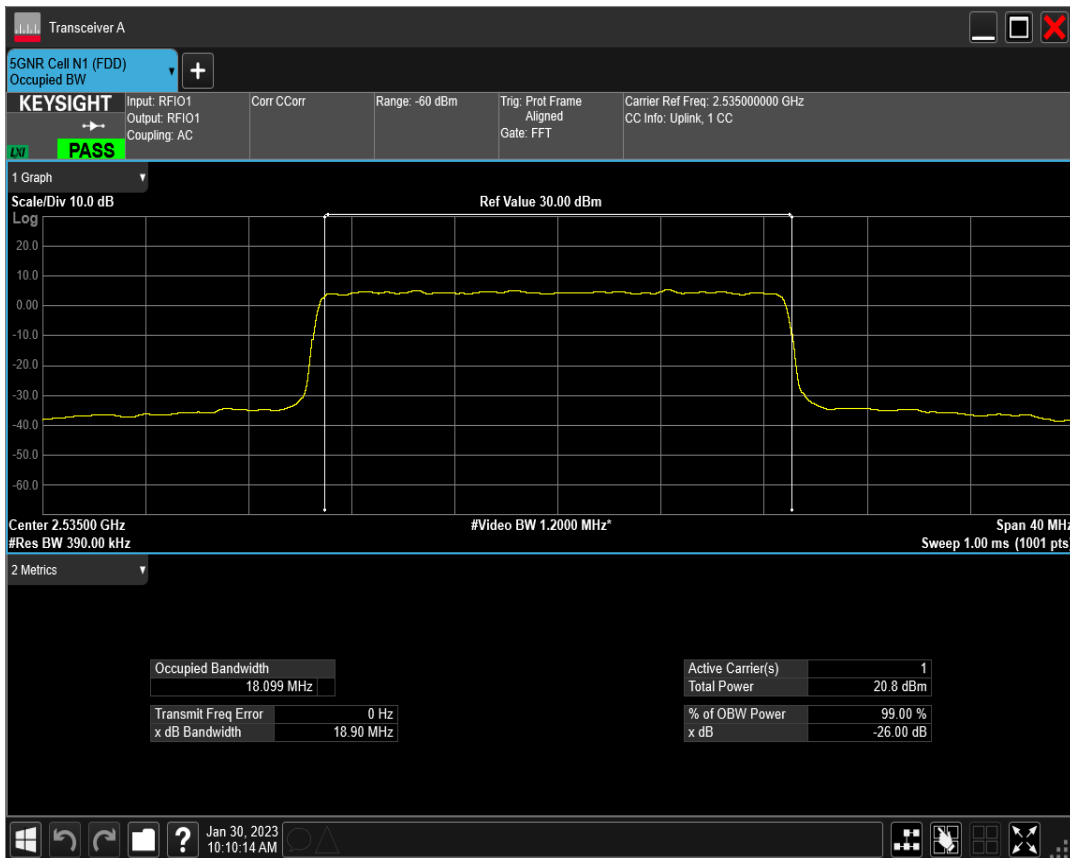
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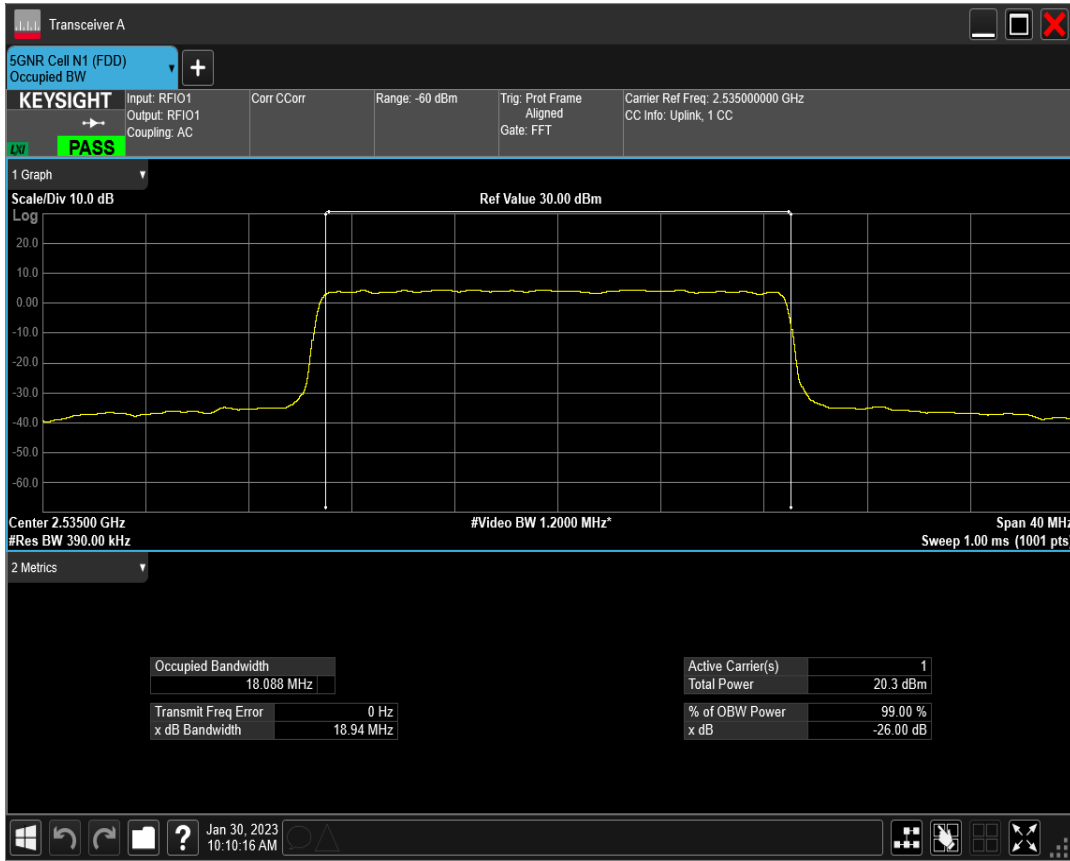
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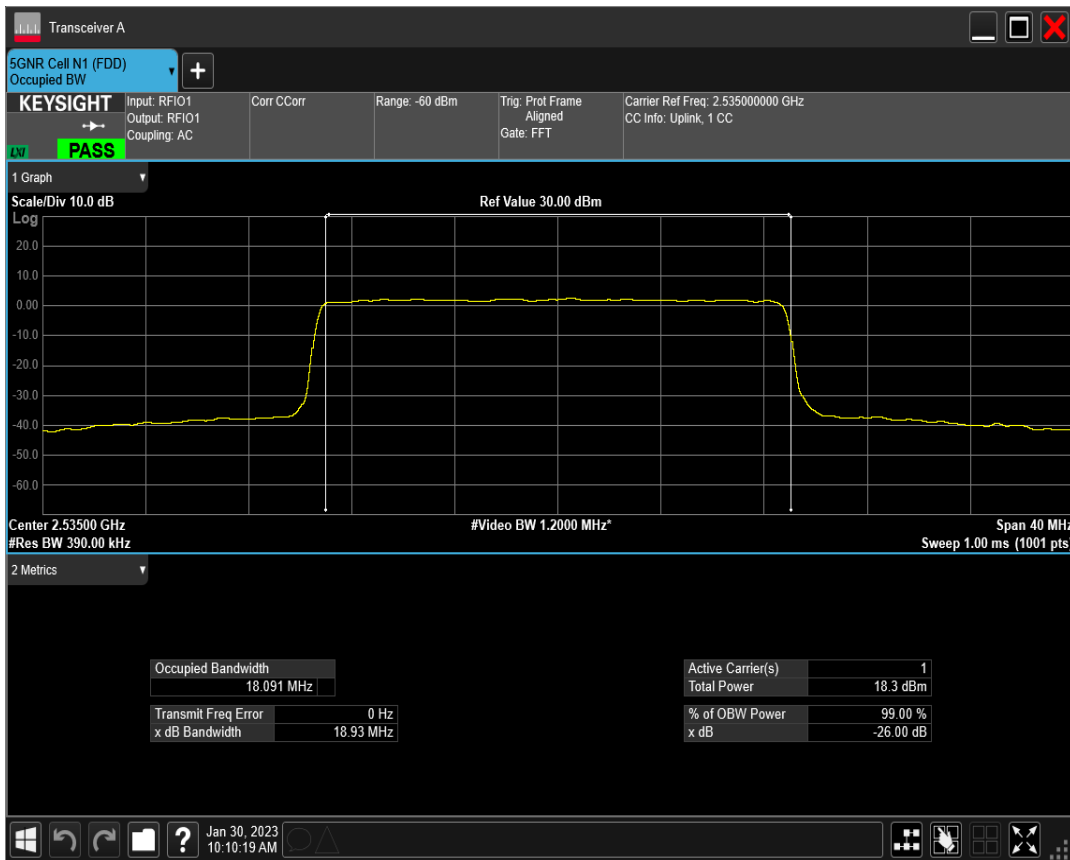
n7 SCS=30kHz DFT\_QAM16 BW=20MHz Channel=507000 RB=50@0



n7 SCS=30kHz DFT\_QAM64 BW=20MHz Channel=507000 RB=50@0



n7 SCS=30kHz DFT\_QAM256 BW=20MHz Channel=507000 RB=50@0



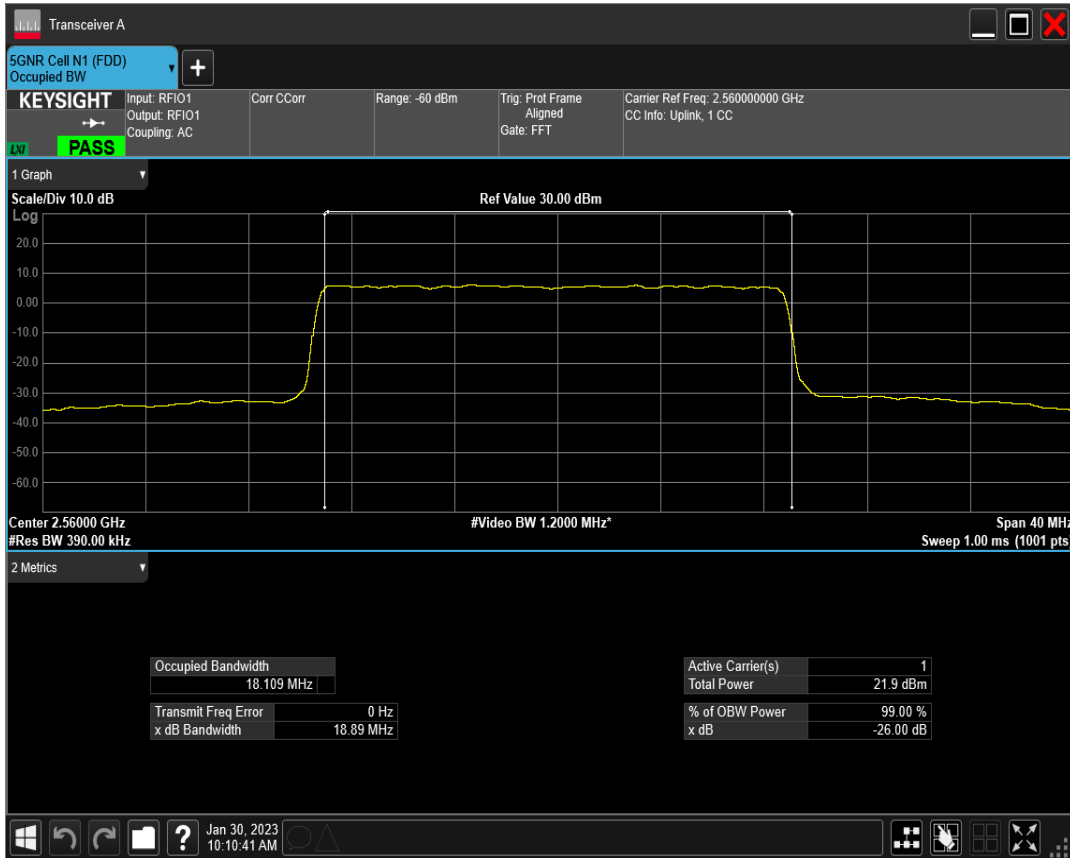
n7 SCS=30kHz CP\_QPSK BW=20MHz Channel=507000 RB=51@0



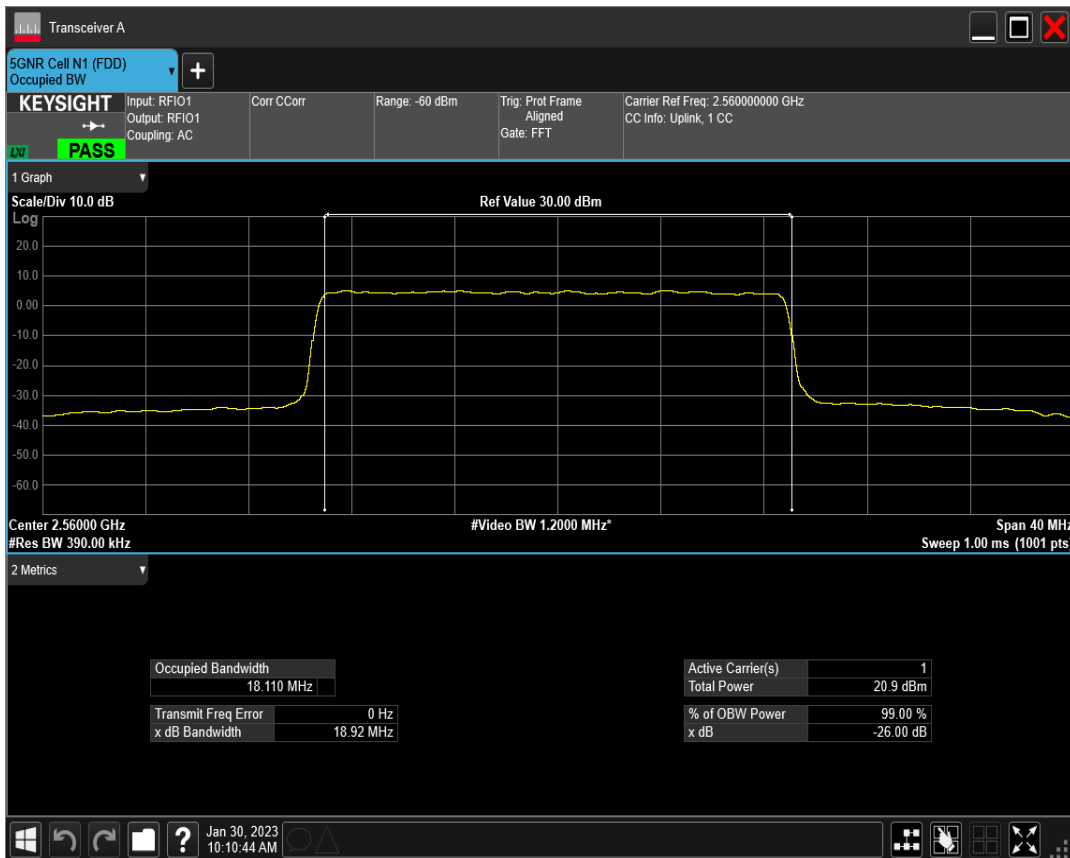
n7 SCS=30kHz DFT\_BPSK BW=20MHz Channel=512000 RB=50@0



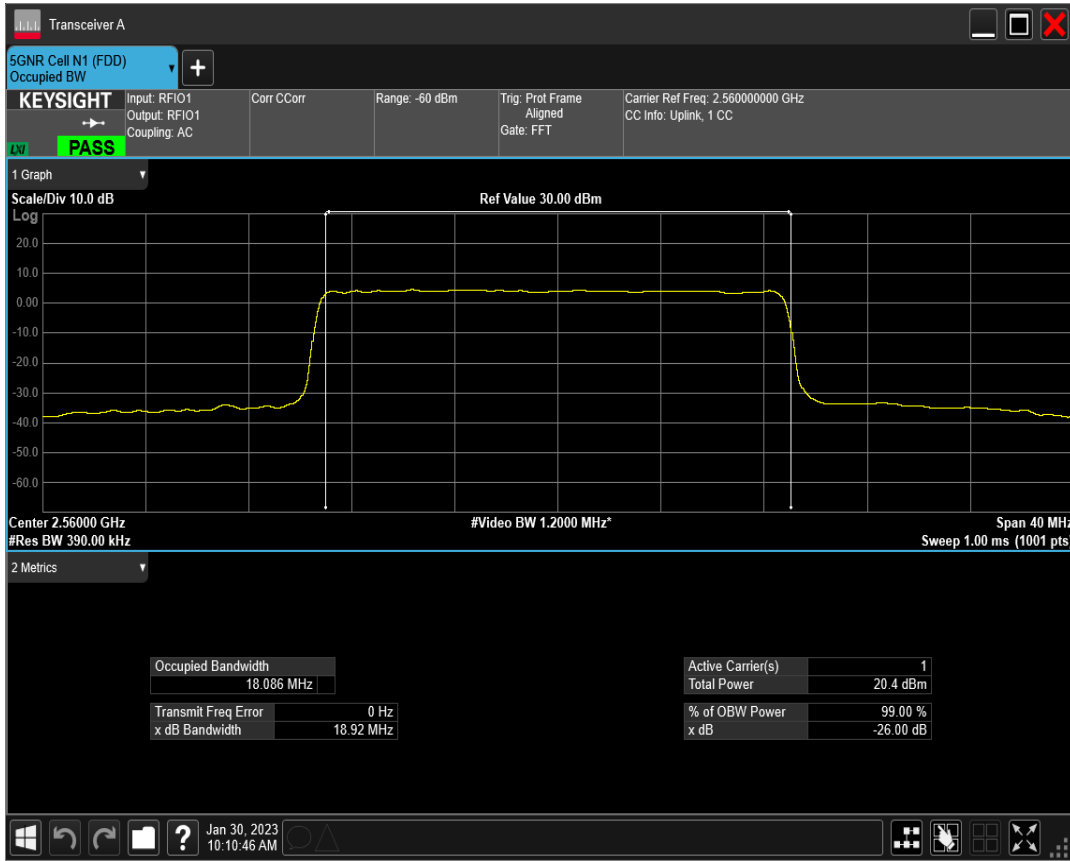
n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=512000 RB=50@0



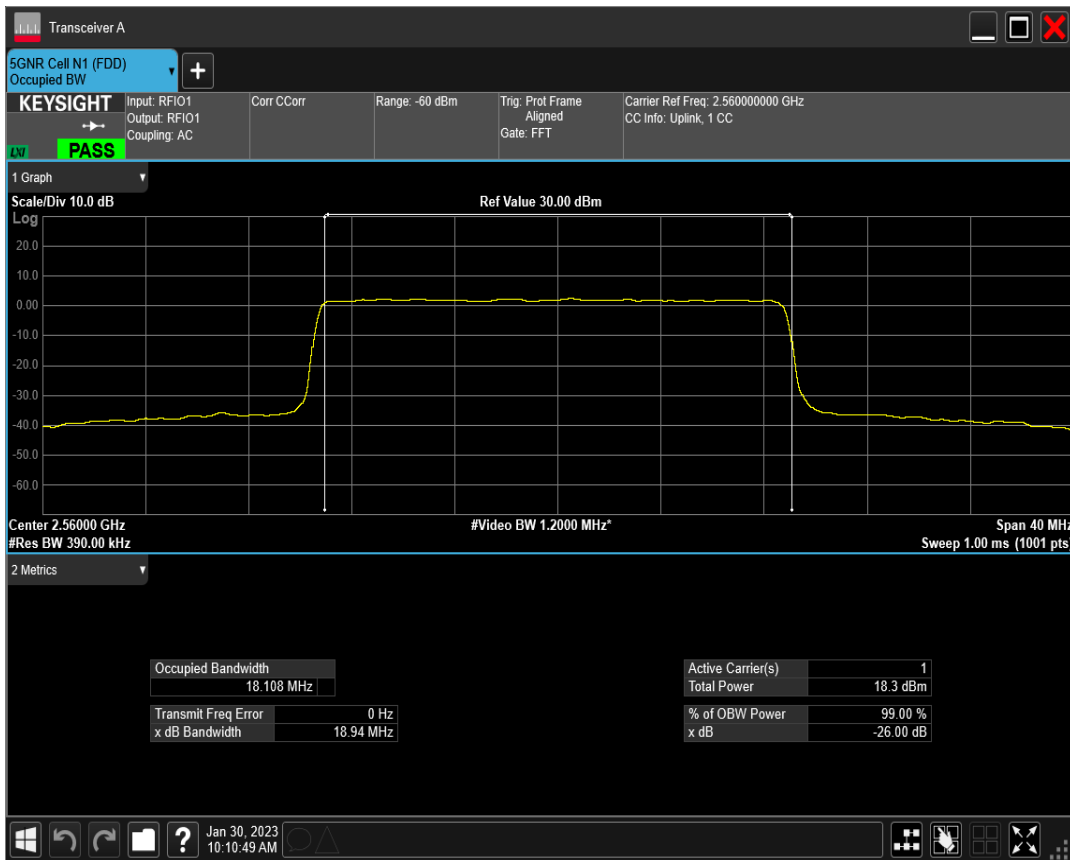
n7 SCS=30kHz DFT\_QAM16 BW=20MHz Channel=512000 RB=50@0



n7 SCS=30kHz DFT\_QAM64 BW=20MHz Channel=512000 RB=50@0



n7 SCS=30kHz DFT\_QAM256 BW=20MHz Channel=512000 RB=50@0



n7 SCS=30kHz CP\_QPSK BW=20MHz Channel=512000 RB=51@0

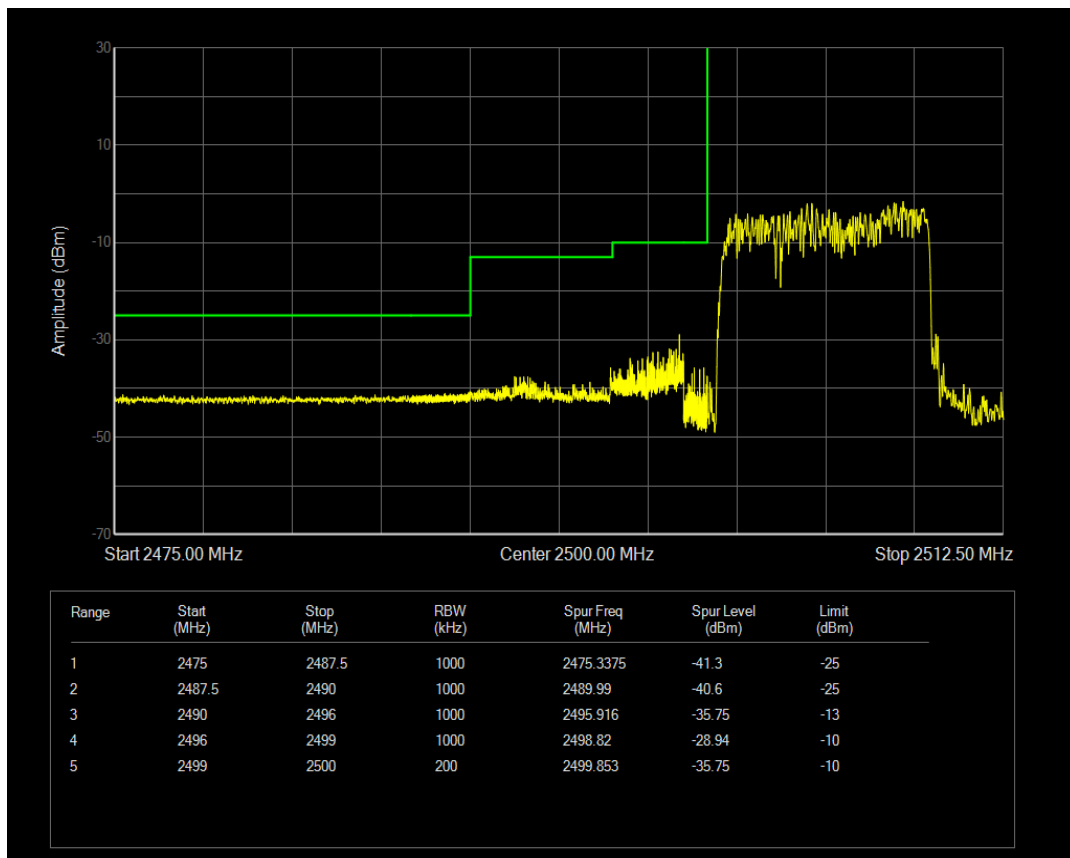




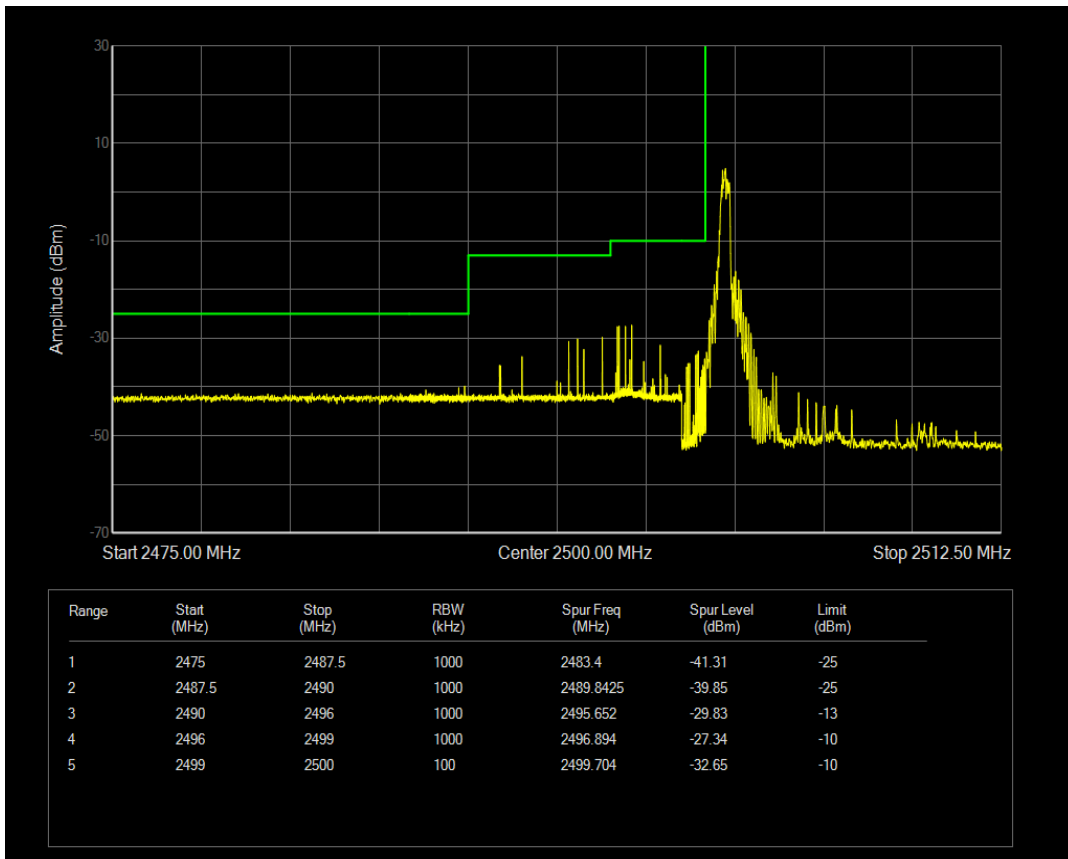
## 5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n7	30	10	501000	24@0	DFT_QPSK	2489.99	-40.60	-25	PASS
n7	30	10	501000	1@0	DFT_QPSK	2489.84	-39.85	-25	PASS
n7	30	10	513000	24@0	DFT_QPSK	2580.20	-39.77	-25	PASS
n7	30	10	513000	1@23	DFT_QPSK	2571.01	-22.81	-10	PASS
n7	30	20	502000	50@0	DFT_QPSK	2476.29	-41.15	-25	PASS
n7	30	20	502000	1@0	DFT_QPSK	2498.83	-20.86	-10	PASS
n7	30	20	512000	50@0	DFT_QPSK	2591.63	-41.22	-25	PASS
n7	30	20	512000	1@50	DFT_QPSK	2593.86	-41.44	-25	PASS

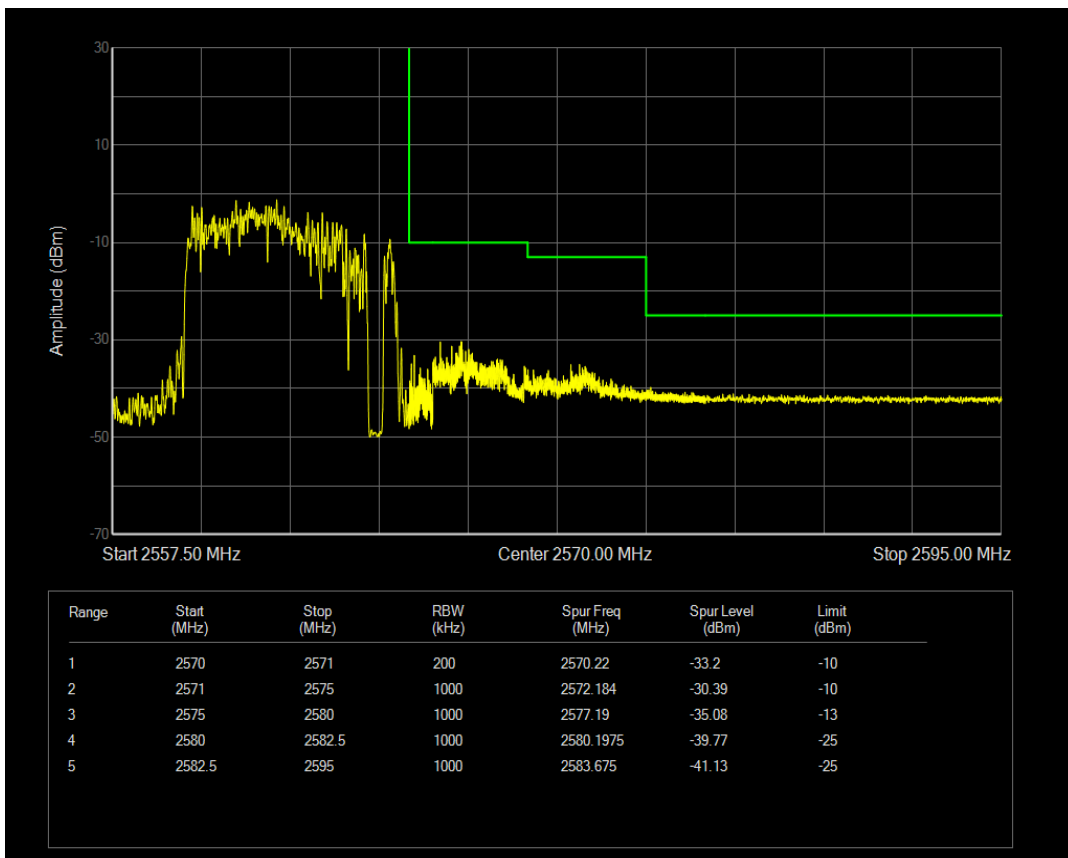
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=501000 RB=24@0



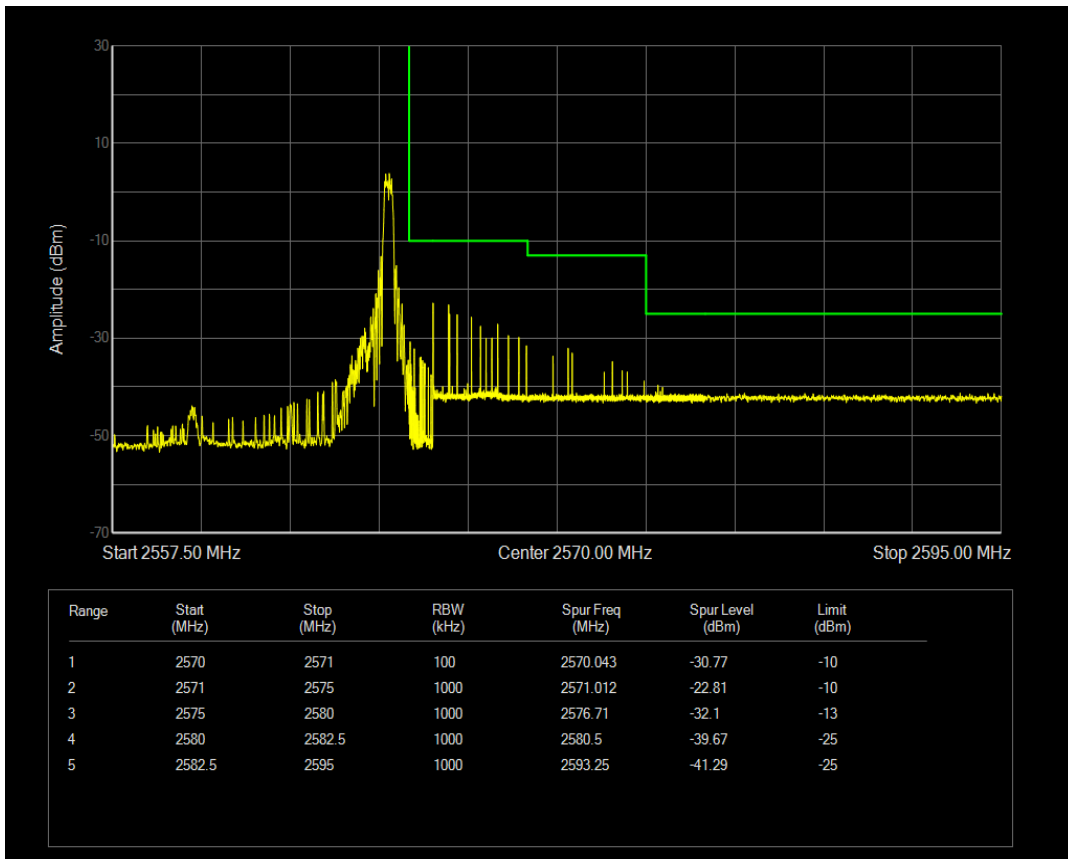
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=501000 RB=1@0



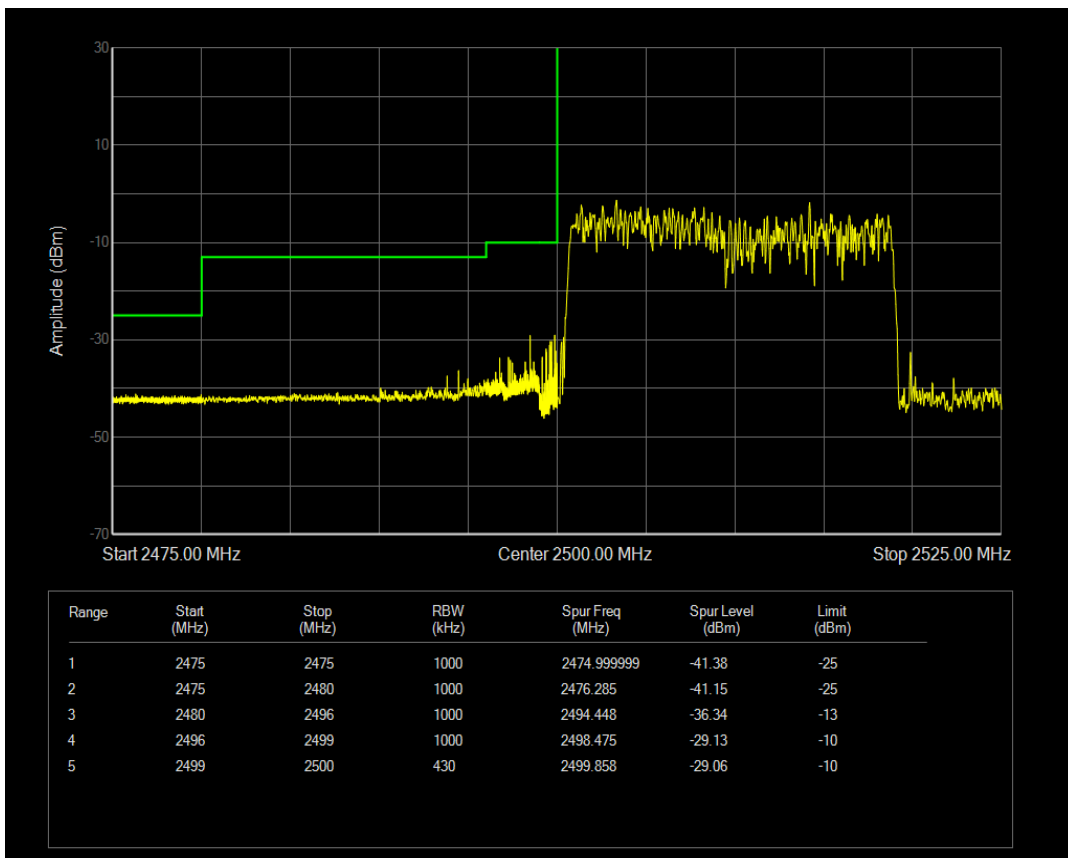
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=513000 RB=24@0



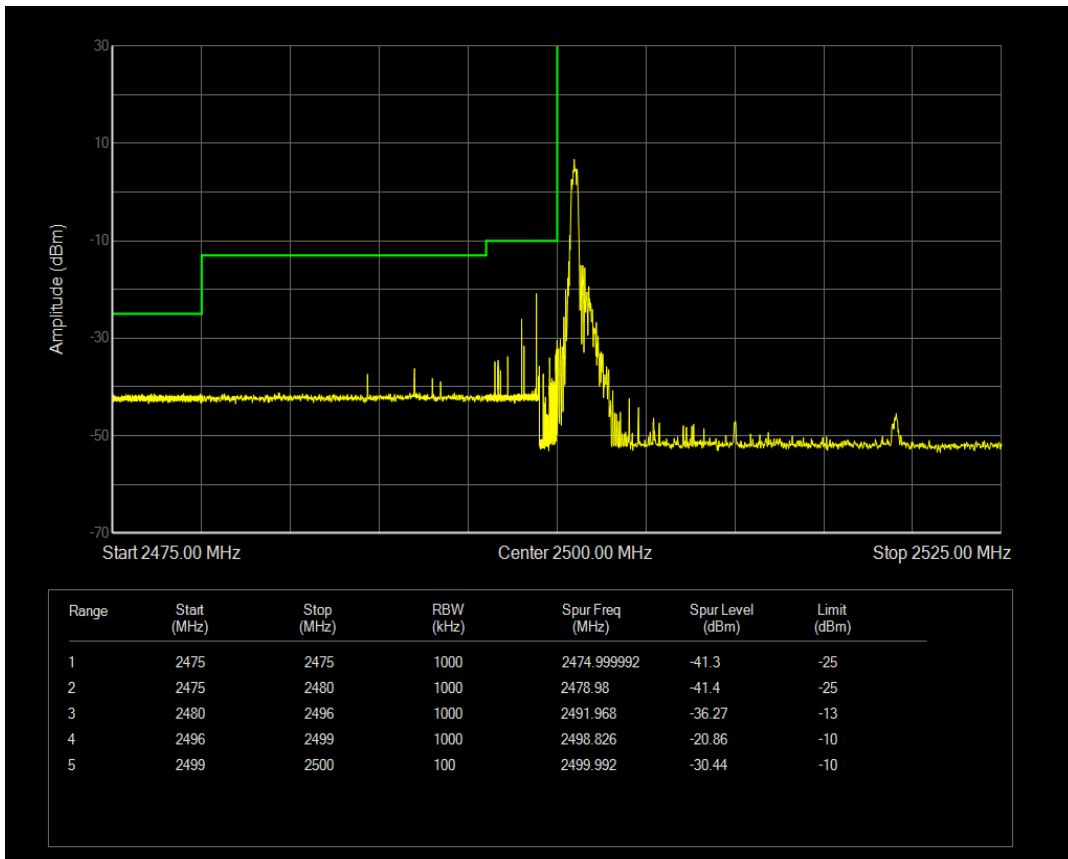
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=513000 RB=1@23



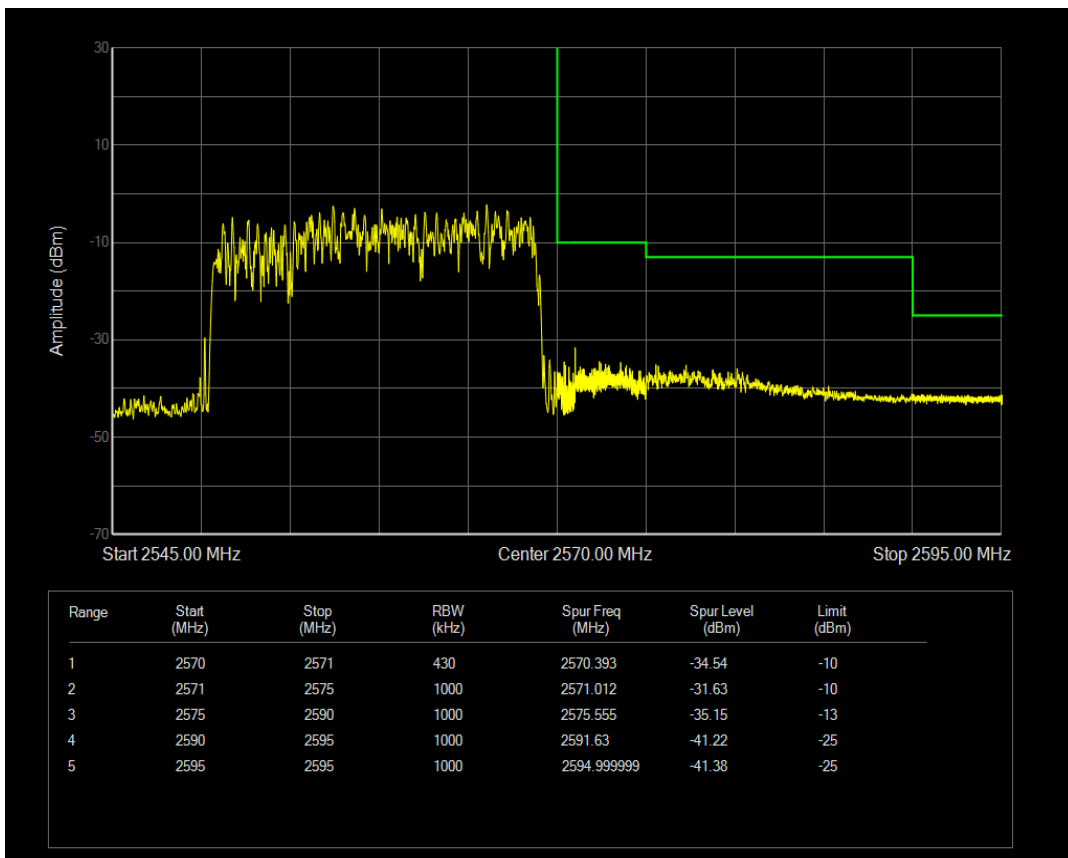
n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=502000 RB=50@0



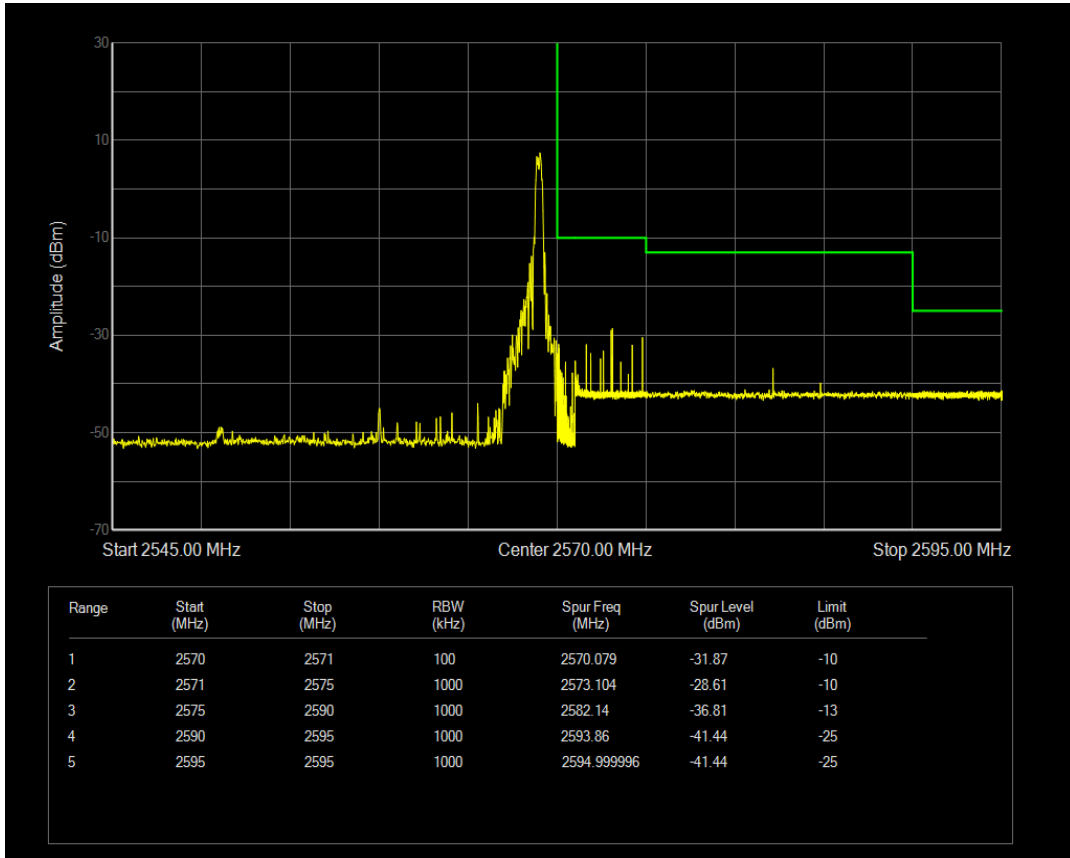
n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=502000 RB=1@0



n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=512000 RB=50@0



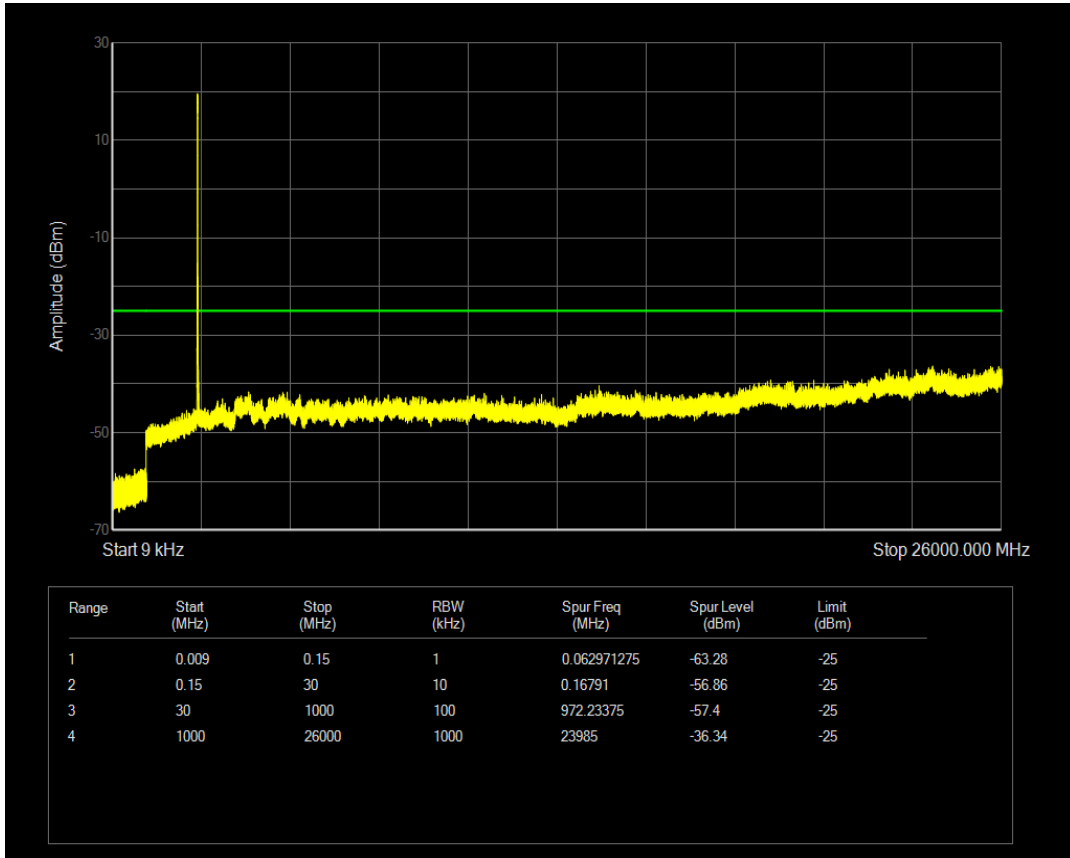
n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=512000 RB=1@50



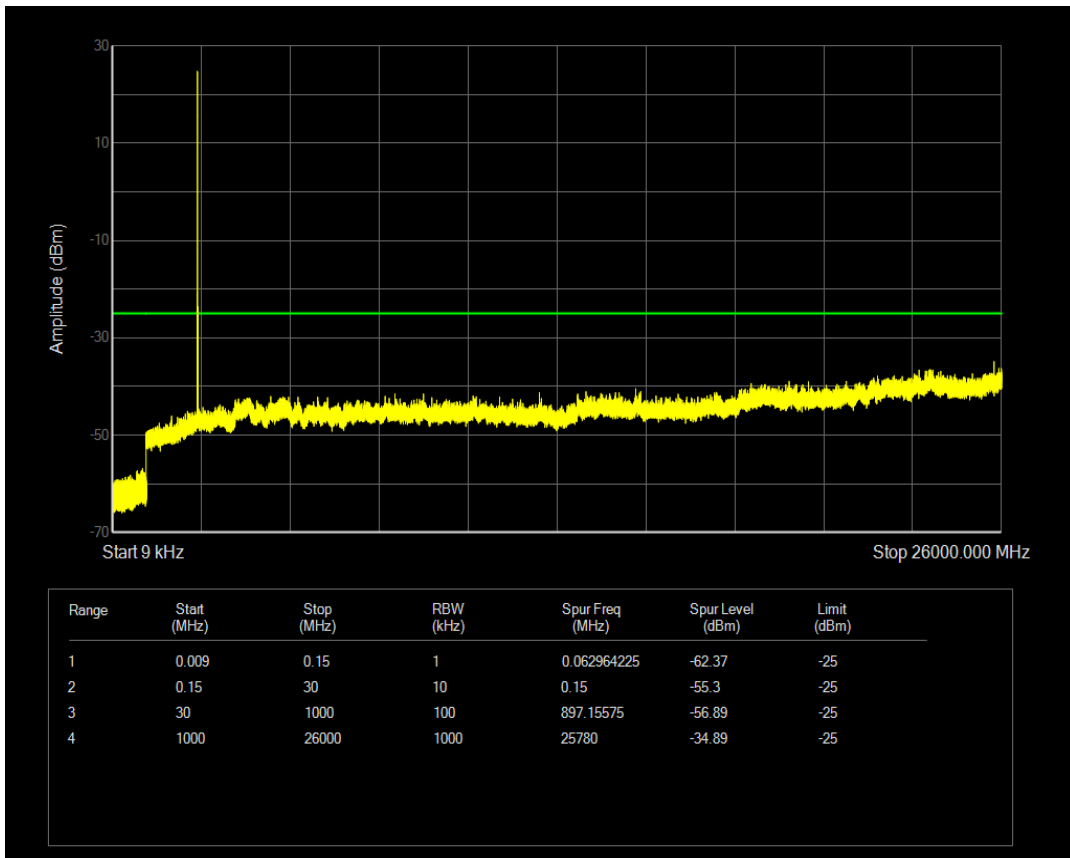
## 6 Out-of-band emissions for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n7	30	10	501000	24@0	DFT_QPSK	23985.00	-36.34	-25	PASS
n7	30	10	501000	1@0	DFT_QPSK	25780.00	-34.89	-25	PASS
n7	30	10	501000	1@23	DFT_QPSK	25897.50	-36.22	-25	PASS
n7	30	10	507000	24@0	DFT_QPSK	25773.75	-35.97	-25	PASS
n7	30	10	507000	1@0	DFT_QPSK	23610.00	-36.43	-25	PASS
n7	30	10	507000	1@23	DFT_QPSK	23918.13	-35.12	-25	PASS
n7	30	10	513000	24@0	DFT_QPSK	25950.63	-35.95	-25	PASS
n7	30	10	513000	1@0	DFT_QPSK	25967.50	-36.19	-25	PASS
n7	30	10	513000	1@23	DFT_QPSK	24160.00	-36.36	-25	PASS
n7	30	20	502000	50@0	DFT_QPSK	25805.63	-36.23	-25	PASS
n7	30	20	502000	1@0	DFT_QPSK	23933.75	-35.55	-25	PASS
n7	30	20	502000	1@50	DFT_QPSK	25917.50	-36.55	-25	PASS
n7	30	20	507000	50@0	DFT_QPSK	25962.50	-36.27	-25	PASS
n7	30	20	507000	1@0	DFT_QPSK	23935.63	-36.16	-25	PASS
n7	30	20	507000	1@50	DFT_QPSK	23940.00	-36.56	-25	PASS
n7	30	20	512000	50@0	DFT_QPSK	25980.63	-35.67	-25	PASS
n7	30	20	512000	1@0	DFT_QPSK	23961.88	-34.81	-25	PASS
n7	30	20	512000	1@50	DFT_QPSK	23912.50	-35.57	-25	PASS

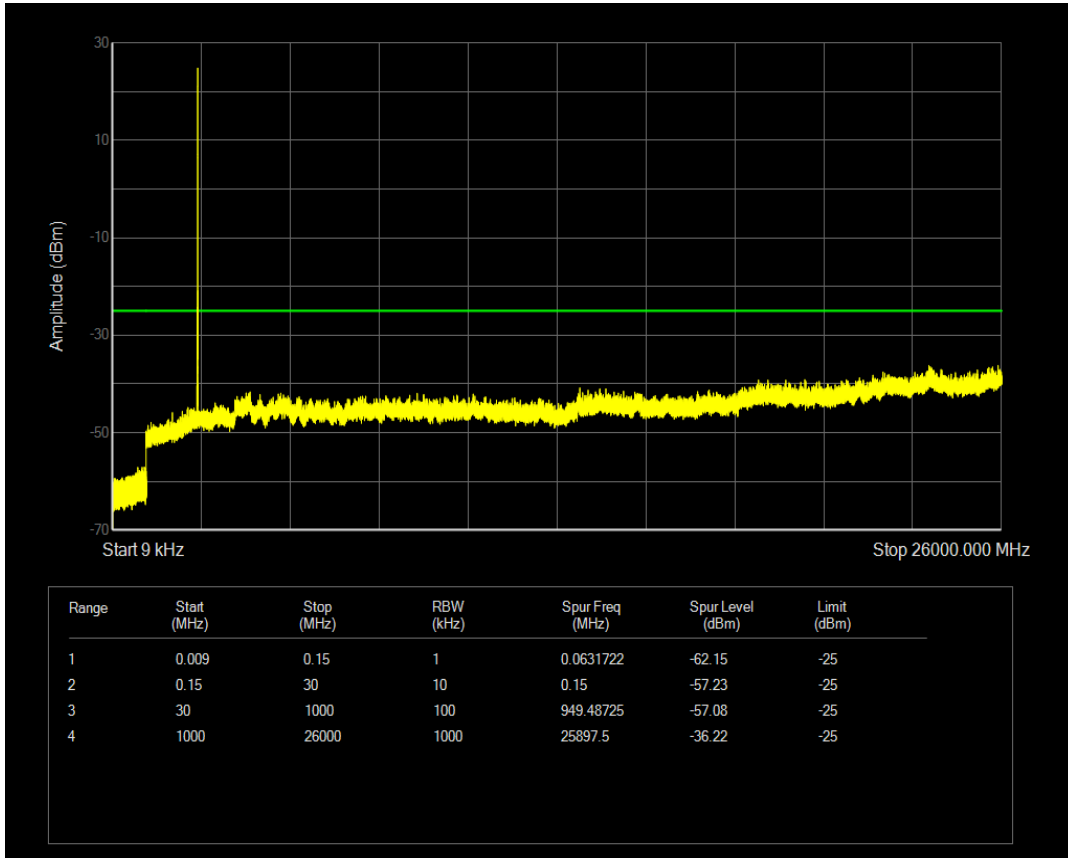
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=501000 RB=24@0



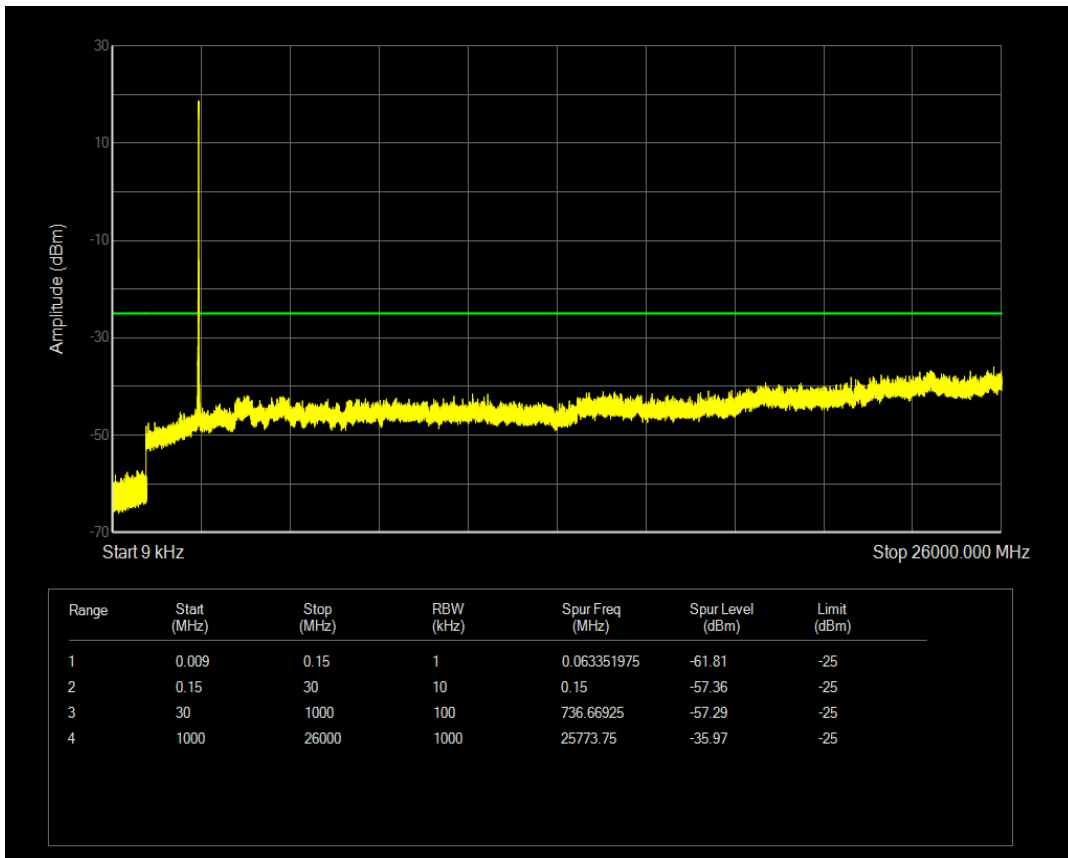
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=501000 RB=1@0



n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=501000 RB=1@23

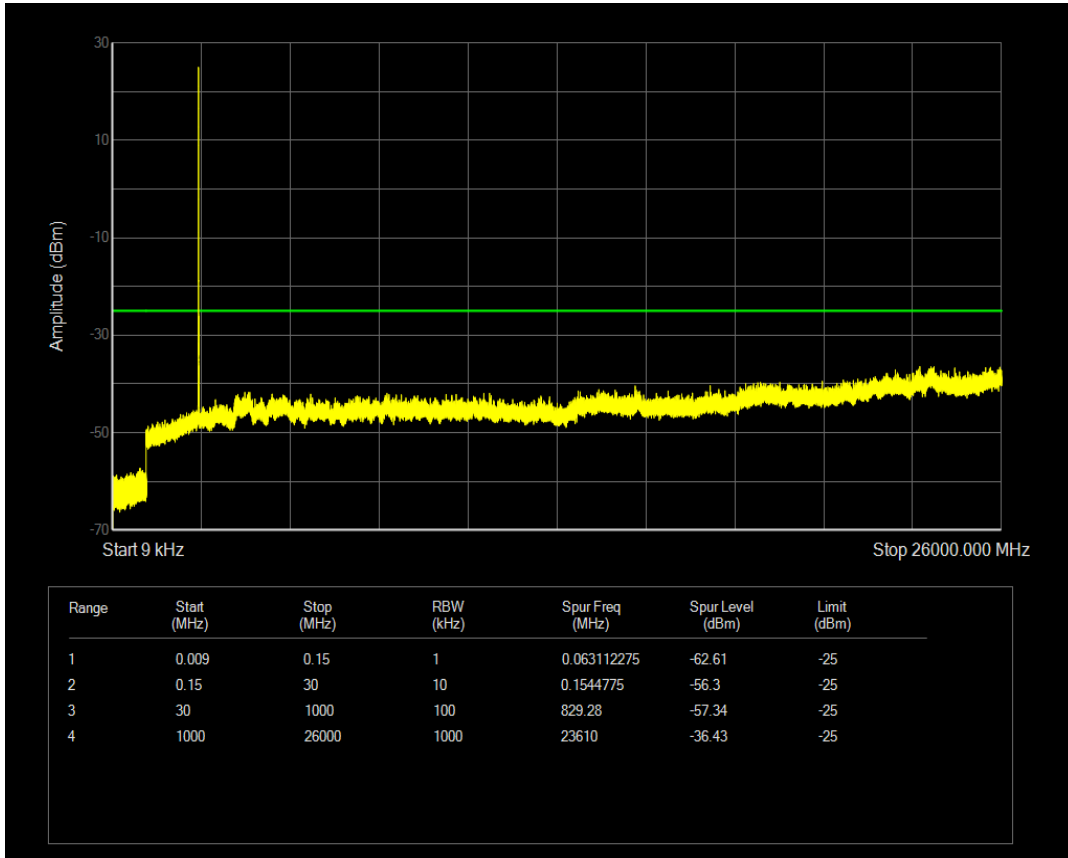


n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=507000 RB=24@0

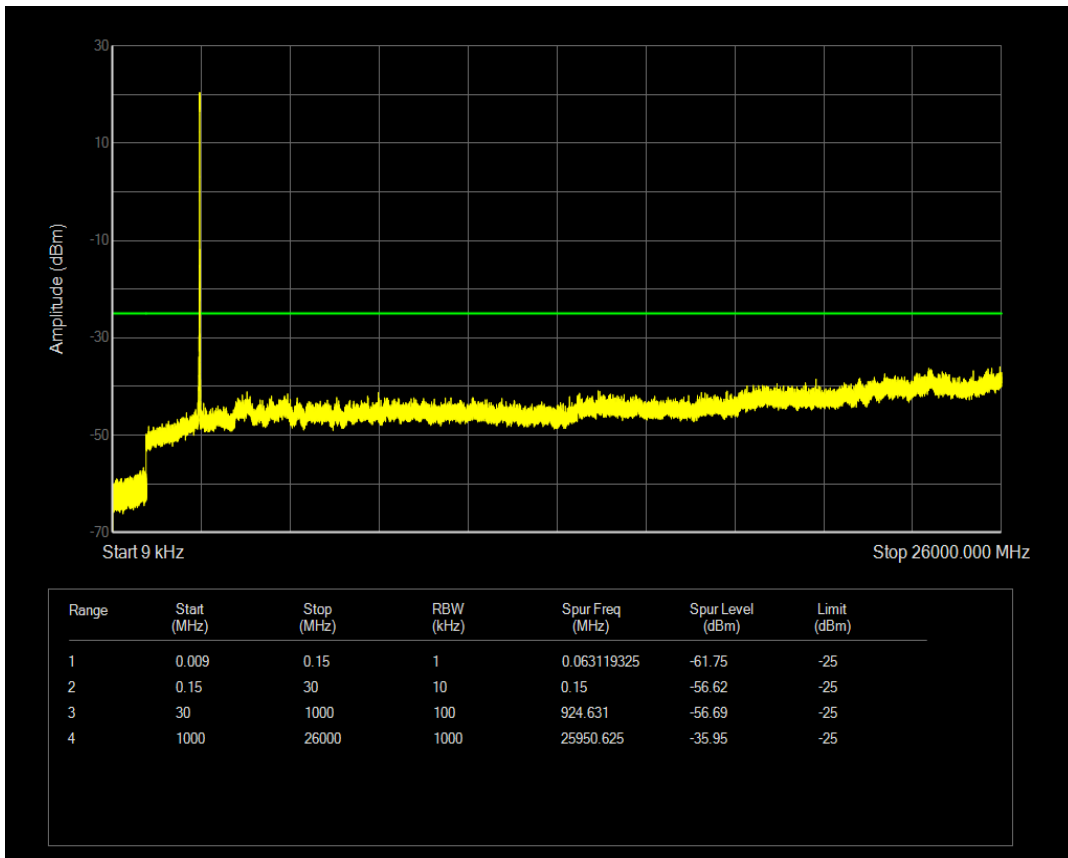


n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=507000 RB=1@0

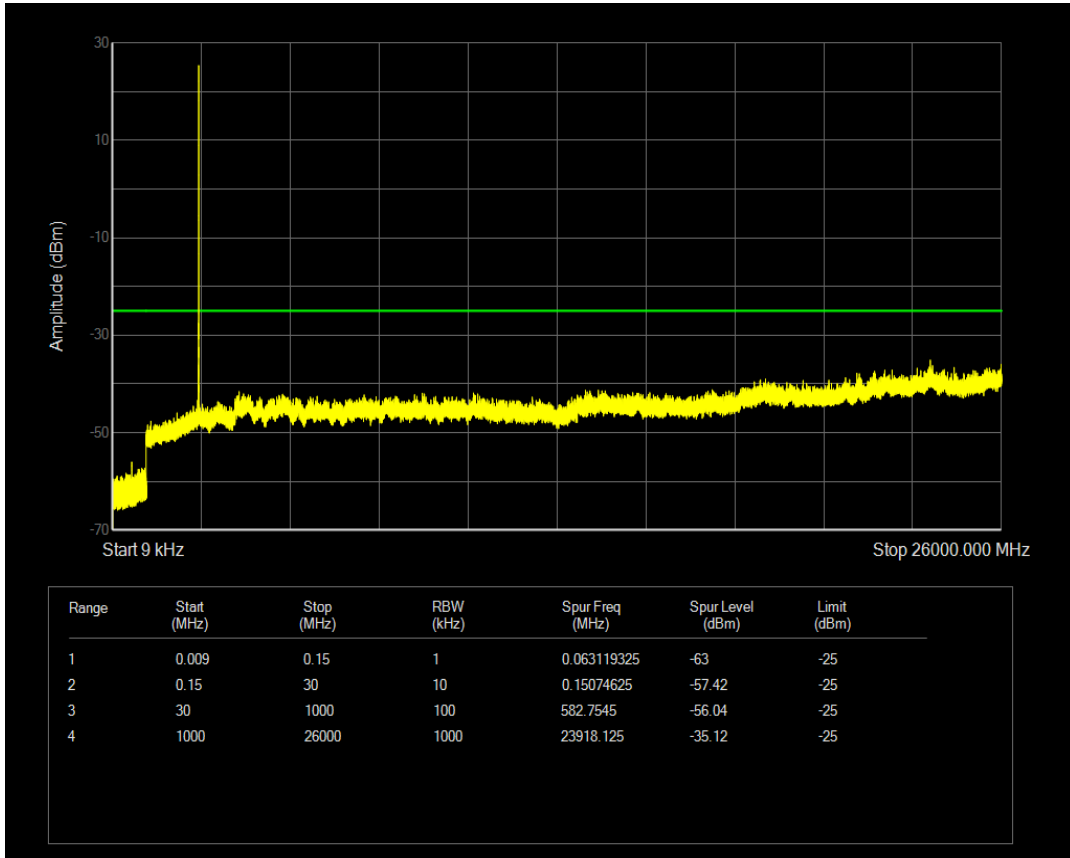




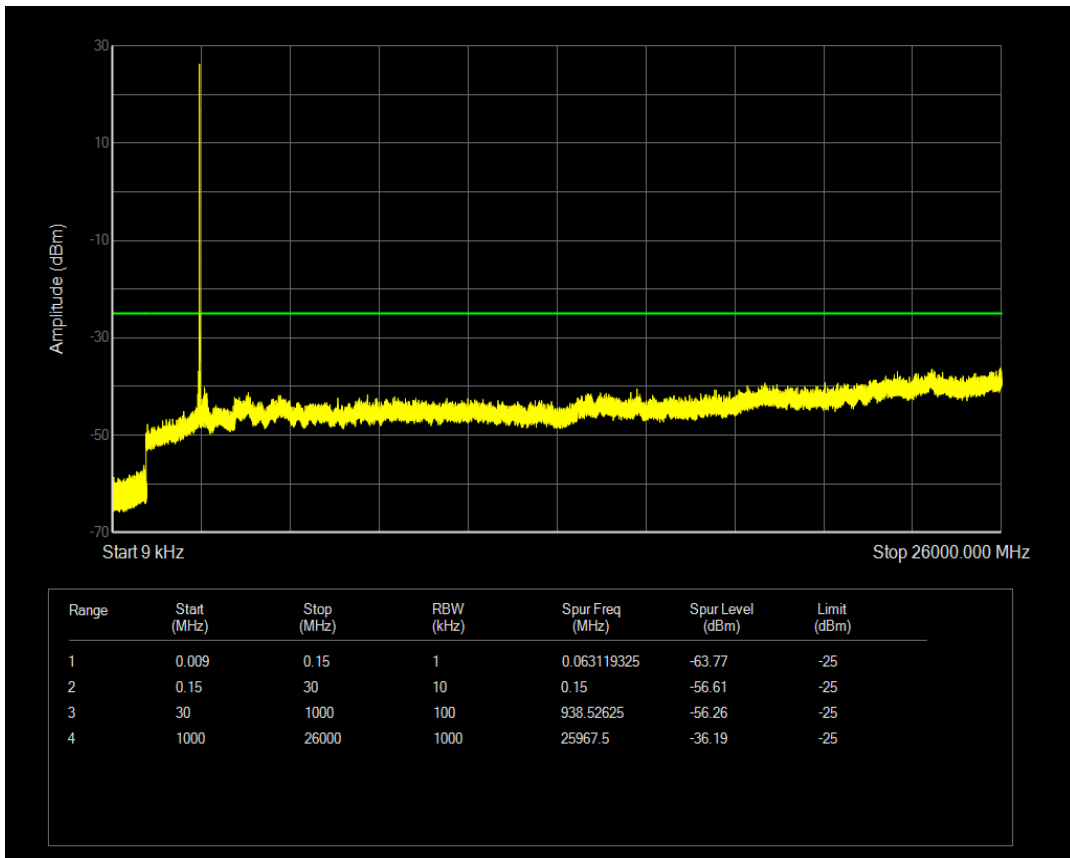
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=513000 RB=24@0



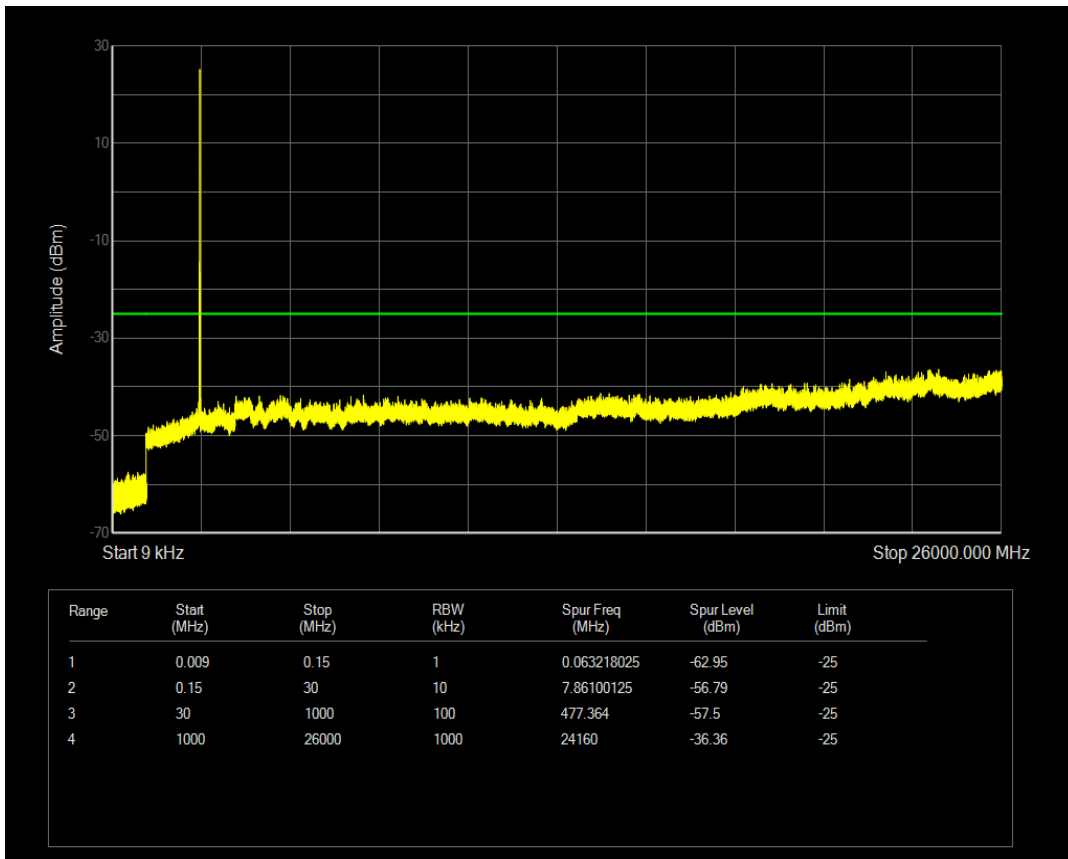
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=507000 RB=1@23



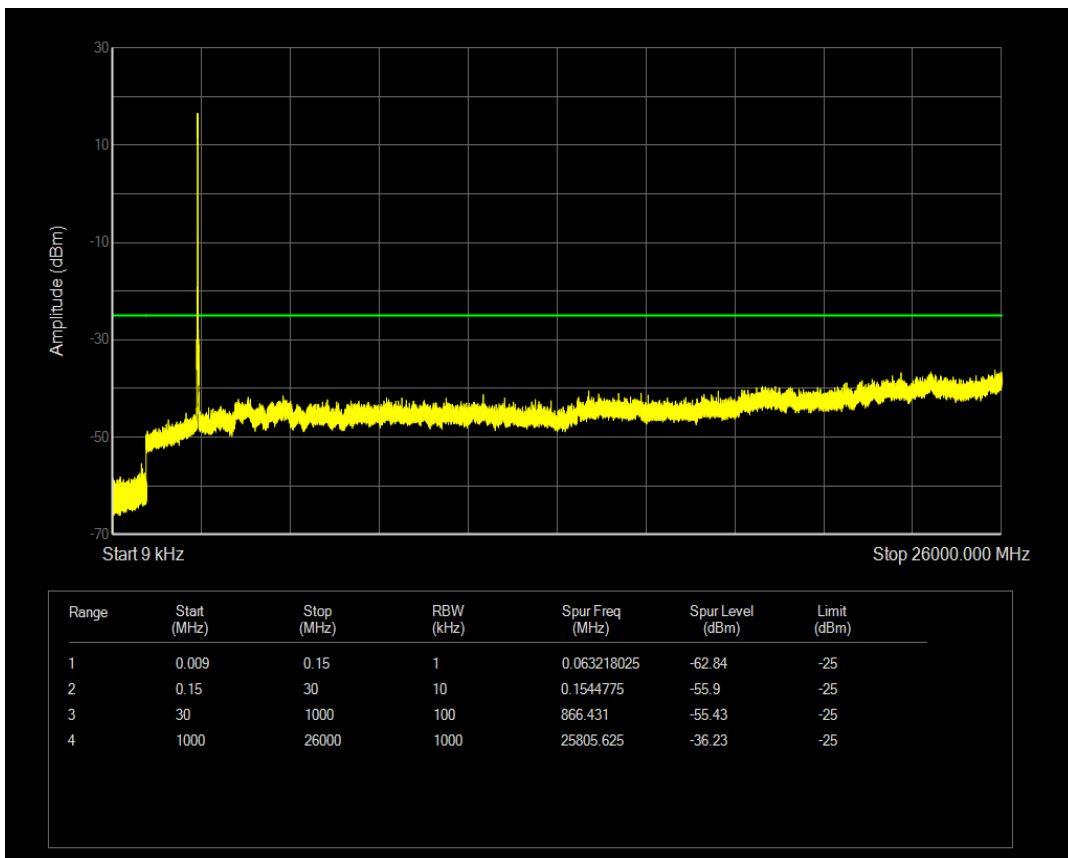
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=513000 RB=1@0



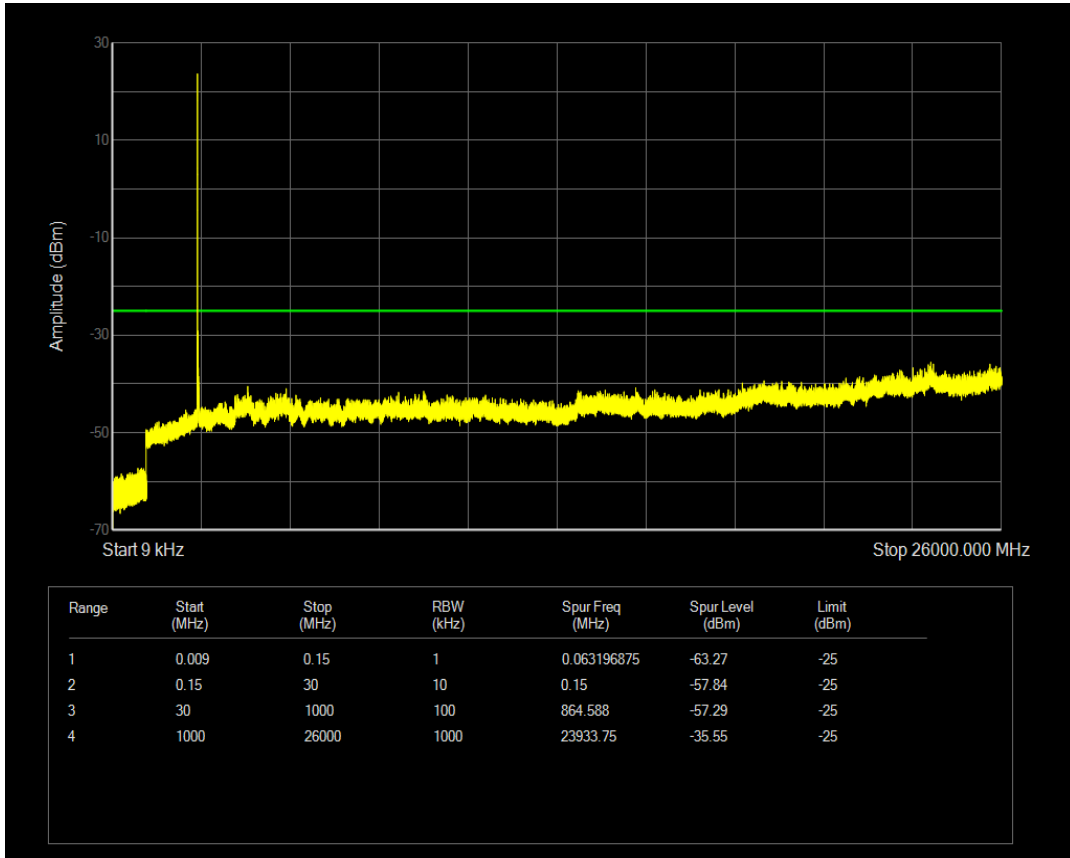
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=513000 RB=1@23



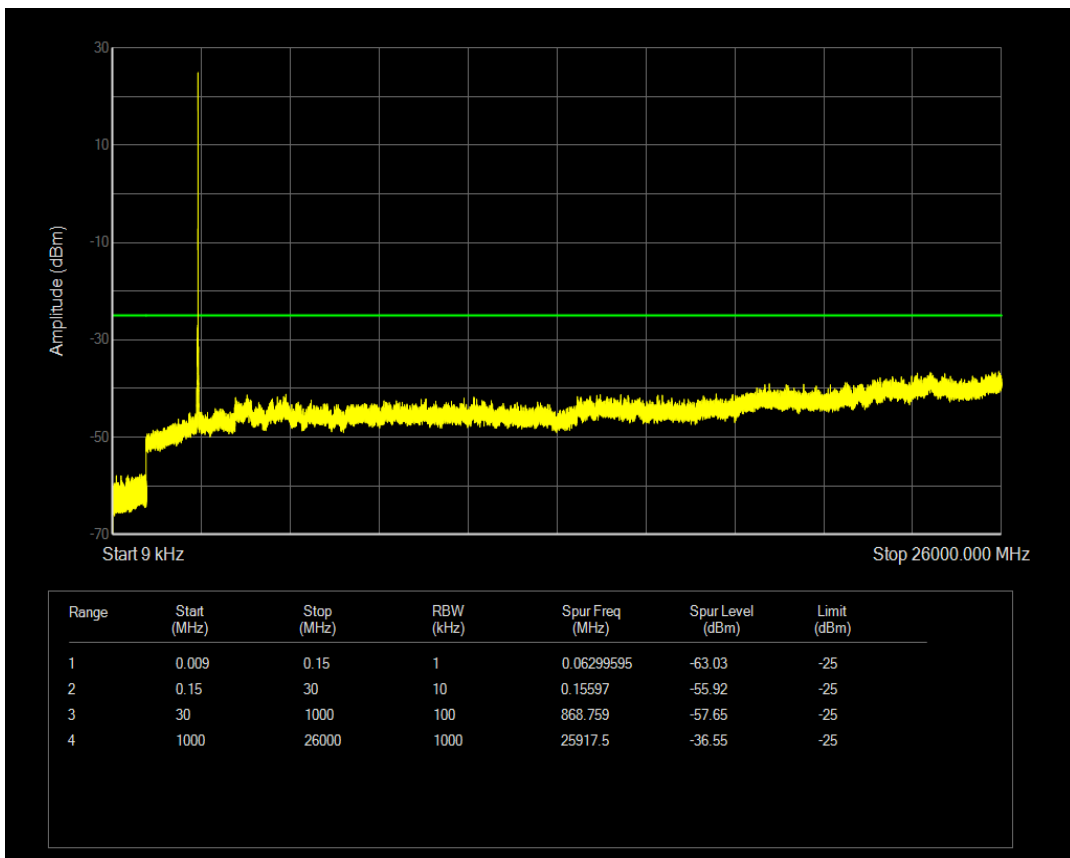
n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=502000 RB=50@0



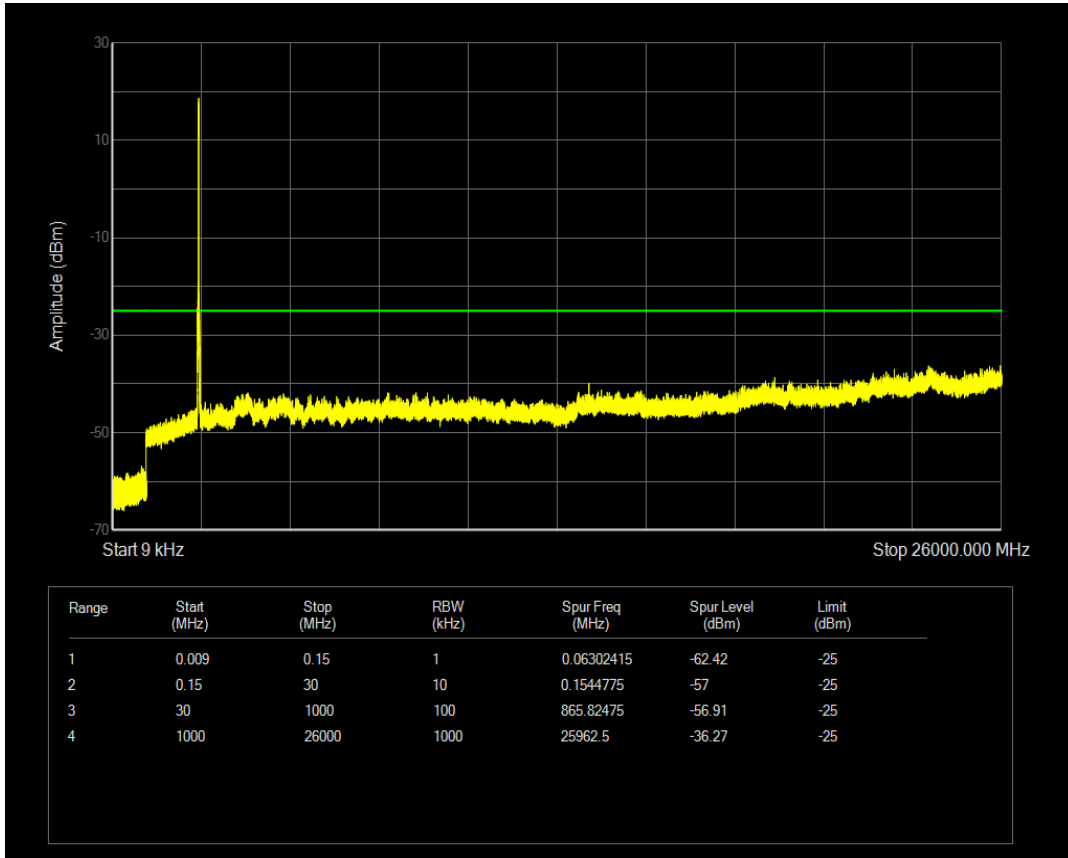
n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=502000 RB=1@0



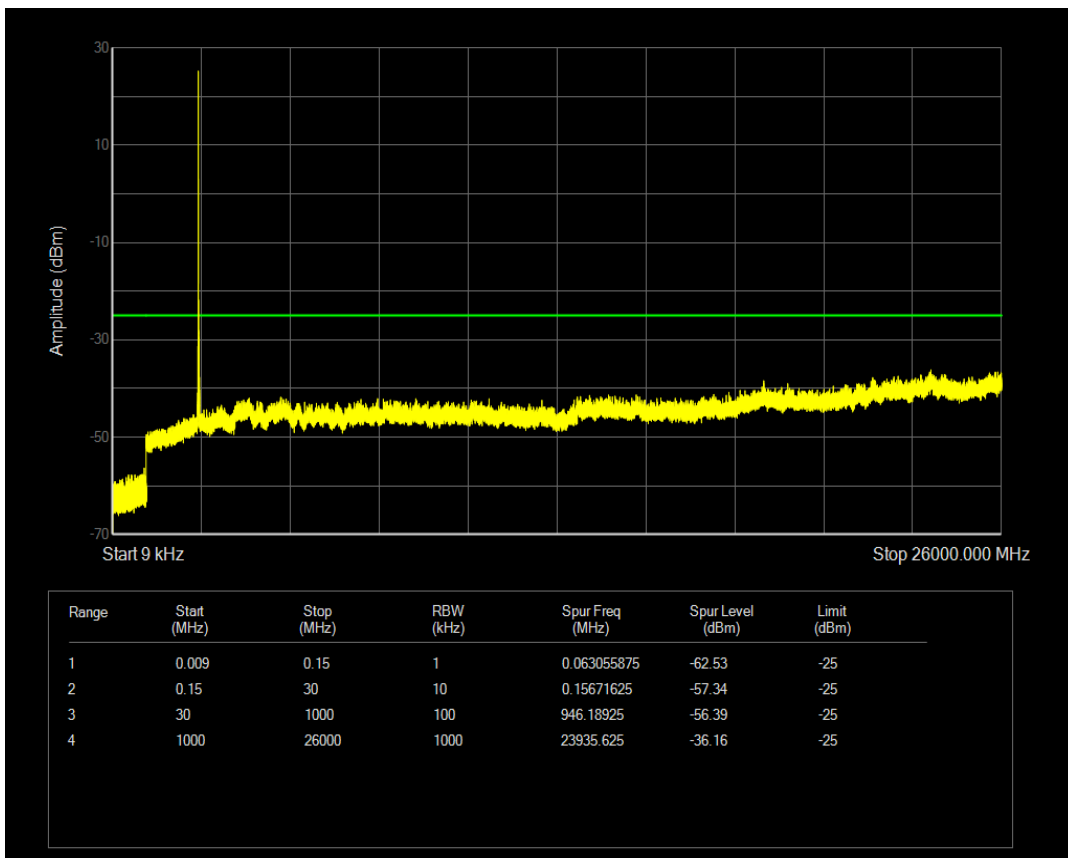
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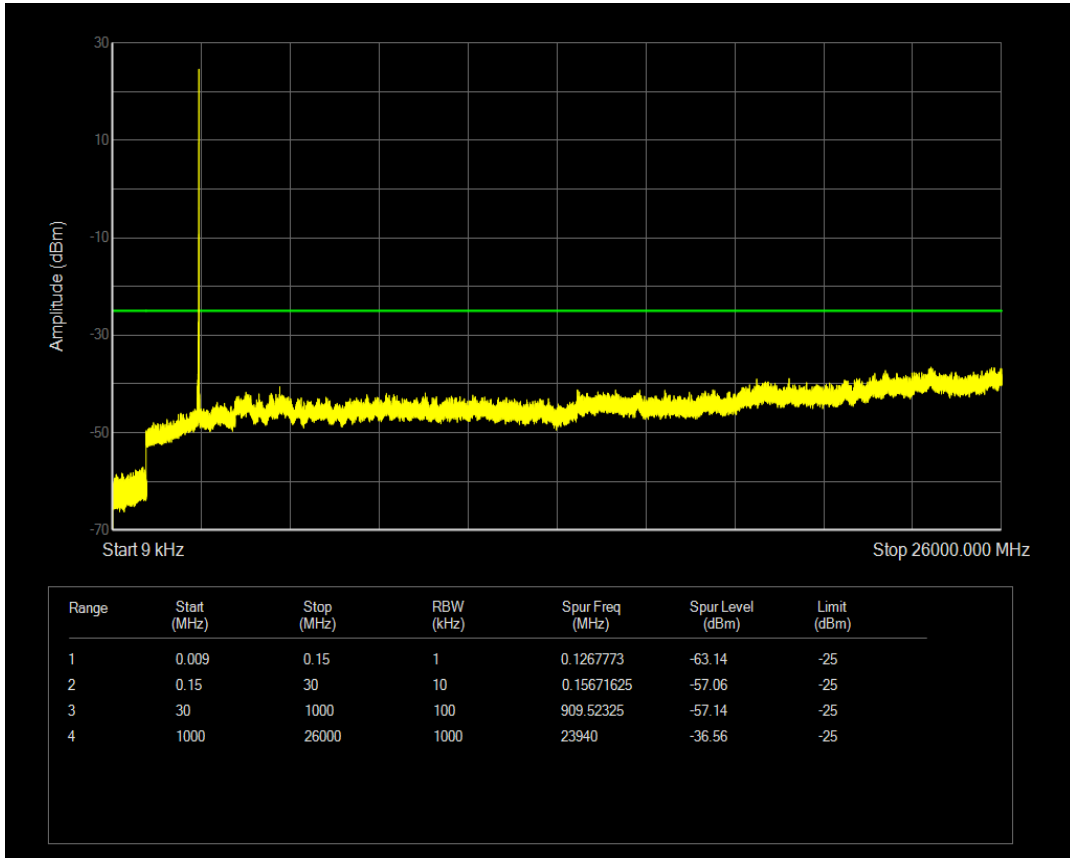
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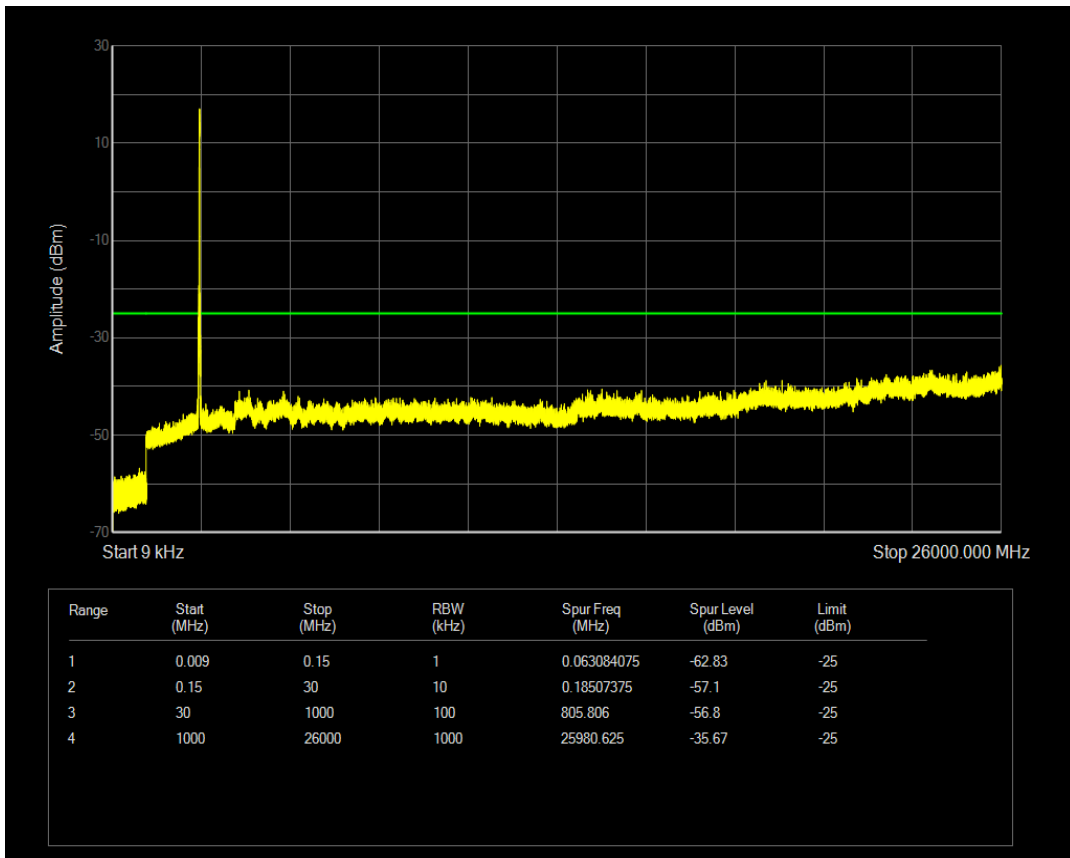
n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=507000 RB=1@0



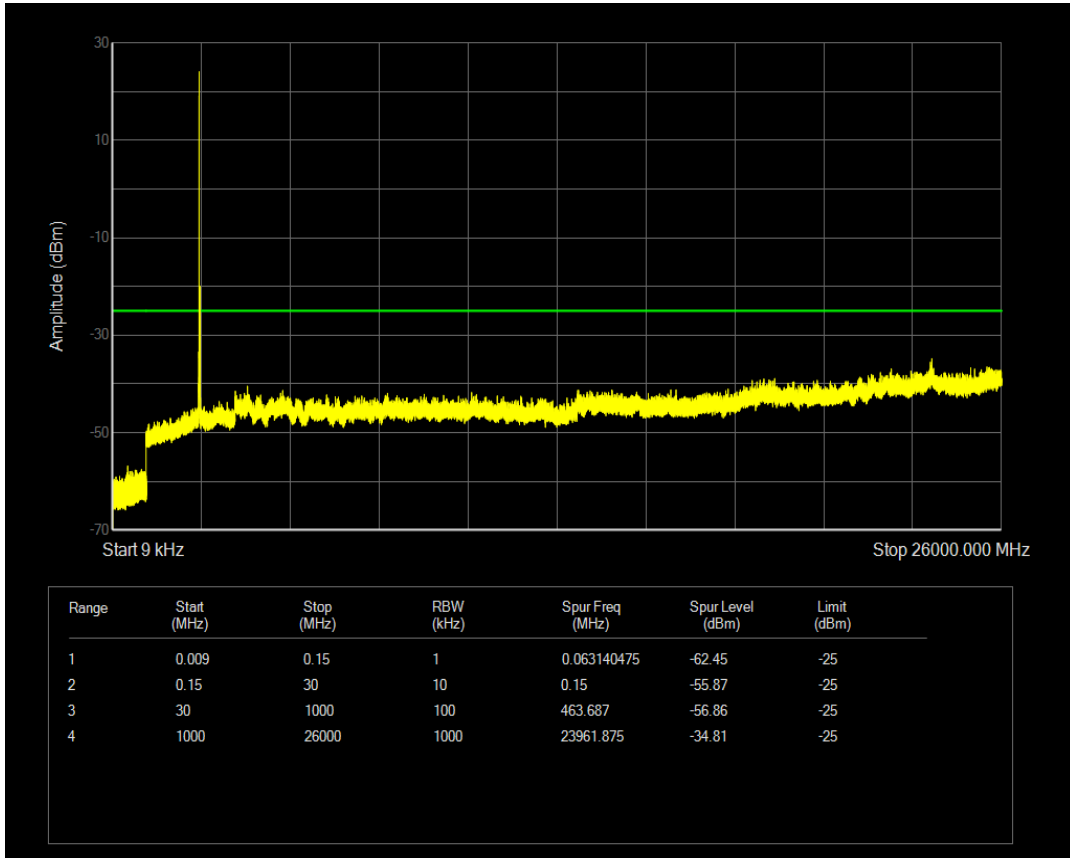
n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=507000 RB=1@50



n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=512000 RB=50@0



n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=512000 RB=1@0



n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=512000 RB=1@50

