

# 1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	ERP (dBm)	Limit (dBm)	Verdict
n38	30	10	515000	12@6	DFT_BPSK	22.42	22.02	37	PASS
n38	30	10	515000	1@1	DFT_BPSK	22.39	21.99	37	PASS
n38	30	10	515000	1@22	DFT_BPSK	22.46	22.06	37	PASS
n38	30	10	515000	12@6	DFT_QPSK	22.44	22.04	37	PASS
n38	30	10	515000	1@1	DFT_QPSK	22.29	21.89	37	PASS
n38	30	10	515000	1@22	DFT_QPSK	22.33	21.93	37	PASS
n38	30	10	515000	12@6	DFT_QAM16	21.48	21.08	37	PASS
n38	30	10	515000	1@1	DFT_QAM16	21.38	20.98	37	PASS
n38	30	10	515000	1@22	DFT_QAM16	21.47	21.07	37	PASS
n38	30	10	515000	12@6	DFT_QAM64	20.07	19.67	37	PASS
n38	30	10	515000	1@1	DFT_QAM64	19.89	19.49	37	PASS
n38	30	10	515000	1@22	DFT_QAM64	20.00	19.6	37	PASS
n38	30	10	515000	12@6	DFT_QAM256	17.91	17.51	37	PASS
n38	30	10	515000	1@1	DFT_QAM256	18.10	17.7	37	PASS
n38	30	10	515000	1@22	DFT_QAM256	18.10	17.7	37	PASS
n38	30	10	515000	12@6	CP_QPSK	20.94	20.54	37	PASS
n38	30	10	515000	1@1	CP_QPSK	20.91	20.51	37	PASS
n38	30	10	515000	1@22	CP_QPSK	20.99	20.59	37	PASS
n38	30	10	515000	12@6	CP_QAM16	20.48	20.08	37	PASS
n38	30	10	515000	1@1	CP_QAM16	20.41	20.01	37	PASS
n38	30	10	515000	1@22	CP_QAM16	20.55	20.15	37	PASS
n38	30	10	515000	12@6	CP_QAM64	18.85	18.45	37	PASS
n38	30	10	515000	1@1	CP_QAM64	19.01	18.61	37	PASS
n38	30	10	515000	1@22	CP_QAM64	19.08	18.68	37	PASS
n38	30	10	515000	12@6	CP_QAM256	16.00	15.6	37	PASS
n38	30	10	515000	1@1	CP_QAM256	16.16	15.76	37	PASS
n38	30	10	515000	1@22	CP_QAM256	16.24	15.84	37	PASS
n38	30	10	519000	12@6	DFT_BPSK	22.63	22.23	37	PASS
n38	30	10	519000	1@1	DFT_BPSK	22.61	22.21	37	PASS
n38	30	10	519000	1@22	DFT_BPSK	22.62	22.22	37	PASS
n38	30	10	519000	12@6	DFT_QPSK	22.64	22.24	37	PASS
n38	30	10	519000	1@1	DFT_QPSK	22.44	22.04	37	PASS
n38	30	10	519000	1@22	DFT_QPSK	22.47	22.07	37	PASS
n38	30	10	519000	12@6	DFT_QAM16	21.71	21.31	37	PASS
n38	30	10	519000	1@1	DFT_QAM16	21.61	21.21	37	PASS
n38	30	10	519000	1@22	DFT_QAM16	21.64	21.24	37	PASS
n38	30	10	519000	12@6	DFT_QAM64	20.22	19.82	37	PASS

n38	30	10	519000	1@1	DFT_QAM64	20.29	19.89	37	PASS
n38	30	10	519000	1@22	DFT_QAM64	20.32	19.92	37	PASS
n38	30	10	519000	12@6	DFT_QAM256	18.00	17.6	37	PASS
n38	30	10	519000	1@1	DFT_QAM256	17.99	17.59	37	PASS
n38	30	10	519000	1@22	DFT_QAM256	18.20	17.8	37	PASS
n38	30	10	519000	12@6	CP_QPSK	21.11	20.71	37	PASS
n38	30	10	519000	1@1	CP_QPSK	21.05	20.65	37	PASS
n38	30	10	519000	1@22	CP_QPSK	21.10	20.7	37	PASS
n38	30	10	519000	12@6	CP_QAM16	20.60	20.2	37	PASS
n38	30	10	519000	1@1	CP_QAM16	20.88	20.48	37	PASS
n38	30	10	519000	1@22	CP_QAM16	21.07	20.67	37	PASS
n38	30	10	519000	12@6	CP_QAM64	19.23	18.83	37	PASS
n38	30	10	519000	1@1	CP_QAM64	19.40	19	37	PASS
n38	30	10	519000	1@22	CP_QAM64	19.46	19.06	37	PASS
n38	30	10	519000	12@6	CP_QAM256	16.10	15.7	37	PASS
n38	30	10	519000	1@1	CP_QAM256	16.66	16.26	37	PASS
n38	30	10	519000	1@22	CP_QAM256	16.76	16.36	37	PASS
n38	30	10	523000	12@6	DFT_BPSK	22.51	22.11	37	PASS
n38	30	10	523000	1@1	DFT_BPSK	22.58	22.18	37	PASS
n38	30	10	523000	1@22	DFT_BPSK	22.53	22.13	37	PASS
n38	30	10	523000	12@6	DFT_QPSK	22.56	22.16	37	PASS
n38	30	10	523000	1@1	DFT_QPSK	22.41	22.01	37	PASS
n38	30	10	523000	1@22	DFT_QPSK	22.37	21.97	37	PASS
n38	30	10	523000	12@6	DFT_QAM16	21.55	21.15	37	PASS
n38	30	10	523000	1@1	DFT_QAM16	21.47	21.07	37	PASS
n38	30	10	523000	1@22	DFT_QAM16	21.40	21	37	PASS
n38	30	10	523000	12@6	DFT_QAM64	20.17	19.77	37	PASS
n38	30	10	523000	1@1	DFT_QAM64	19.96	19.56	37	PASS
n38	30	10	523000	1@22	DFT_QAM64	20.21	19.81	37	PASS
n38	30	10	523000	12@6	DFT_QAM256	17.95	17.55	37	PASS
n38	30	10	523000	1@1	DFT_QAM256	18.18	17.78	37	PASS
n38	30	10	523000	1@22	DFT_QAM256	18.12	17.72	37	PASS
n38	30	10	523000	12@6	CP_QPSK	21.05	20.65	37	PASS
n38	30	10	523000	1@1	CP_QPSK	21.16	20.76	37	PASS
n38	30	10	523000	1@22	CP_QPSK	21.15	20.75	37	PASS
n38	30	10	523000	12@6	CP_QAM16	20.50	20.1	37	PASS
n38	30	10	523000	1@1	CP_QAM16	20.88	20.48	37	PASS
n38	30	10	523000	1@22	CP_QAM16	20.30	19.9	37	PASS
n38	30	10	523000	12@6	CP_QAM64	19.16	18.76	37	PASS
n38	30	10	523000	1@1	CP_QAM64	19.21	18.81	37	PASS
n38	30	10	523000	1@22	CP_QAM64	19.22	18.82	37	PASS
n38	30	10	523000	12@6	CP_QAM256	16.02	15.62	37	PASS
n38	30	10	523000	1@1	CP_QAM256	16.36	15.96	37	PASS
n38	30	10	523000	1@22	CP_QAM256	16.72	16.32	37	PASS

n38	30	15	515500	18@9	DFT_BPSK	22.39	21.99	37	PASS
n38	30	15	515500	1@1	DFT_BPSK	22.35	21.95	37	PASS
n38	30	15	515500	1@36	DFT_BPSK	22.52	22.12	37	PASS
n38	30	15	515500	18@9	DFT_QPSK	22.43	22.03	37	PASS
n38	30	15	515500	1@1	DFT_QPSK	22.25	21.85	37	PASS
n38	30	15	515500	1@36	DFT_QPSK	22.30	21.9	37	PASS
n38	30	15	515500	18@9	DFT_QAM16	21.42	21.02	37	PASS
n38	30	15	515500	1@1	DFT_QAM16	21.31	20.91	37	PASS
n38	30	15	515500	1@36	DFT_QAM16	21.48	21.08	37	PASS
n38	30	15	515500	18@9	DFT_QAM64	19.84	19.44	37	PASS
n38	30	15	515500	1@1	DFT_QAM64	19.92	19.52	37	PASS
n38	30	15	515500	1@36	DFT_QAM64	20.16	19.76	37	PASS
n38	30	15	515500	18@9	DFT_QAM256	18.02	17.62	37	PASS
n38	30	15	515500	1@1	DFT_QAM256	17.80	17.4	37	PASS
n38	30	15	515500	1@36	DFT_QAM256	18.05	17.65	37	PASS
n38	30	15	515500	19@9	CP_QPSK	20.83	20.43	37	PASS
n38	30	15	515500	1@1	CP_QPSK	20.83	20.43	37	PASS
n38	30	15	515500	1@36	CP_QPSK	20.88	20.48	37	PASS
n38	30	15	515500	19@9	CP_QAM16	20.44	20.04	37	PASS
n38	30	15	515500	1@1	CP_QAM16	20.59	20.19	37	PASS
n38	30	15	515500	1@36	CP_QAM16	20.66	20.26	37	PASS
n38	30	15	515500	19@9	CP_QAM64	18.98	18.58	37	PASS
n38	30	15	515500	1@1	CP_QAM64	19.12	18.72	37	PASS
n38	30	15	515500	1@36	CP_QAM64	19.04	18.64	37	PASS
n38	30	15	515500	19@9	CP_QAM256	15.92	15.52	37	PASS
n38	30	15	515500	1@1	CP_QAM256	16.02	15.62	37	PASS
n38	30	15	515500	1@36	CP_QAM256	16.63	16.23	37	PASS
n38	30	15	519000	18@9	DFT_BPSK	22.62	22.22	37	PASS
n38	30	15	519000	1@1	DFT_BPSK	22.44	22.04	37	PASS
n38	30	15	519000	1@36	DFT_BPSK	22.56	22.16	37	PASS
n38	30	15	519000	18@9	DFT_QPSK	22.55	22.15	37	PASS
n38	30	15	519000	1@1	DFT_QPSK	22.32	21.92	37	PASS
n38	30	15	519000	1@36	DFT_QPSK	22.37	21.97	37	PASS
n38	30	15	519000	18@9	DFT_QAM16	21.55	21.15	37	PASS
n38	30	15	519000	1@1	DFT_QAM16	21.43	21.03	37	PASS
n38	30	15	519000	1@36	DFT_QAM16	21.53	21.13	37	PASS
n38	30	15	519000	18@9	DFT_QAM64	20.11	19.71	37	PASS
n38	30	15	519000	1@1	DFT_QAM64	20.16	19.76	37	PASS
n38	30	15	519000	1@36	DFT_QAM64	20.28	19.88	37	PASS
n38	30	15	519000	18@9	DFT_QAM256	18.18	17.78	37	PASS
n38	30	15	519000	1@1	DFT_QAM256	18.11	17.71	37	PASS
n38	30	15	519000	1@36	DFT_QAM256	18.43	18.03	37	PASS
n38	30	15	519000	19@9	CP_QPSK	21.02	20.62	37	PASS
n38	30	15	519000	1@1	CP_QPSK	21.08	20.68	37	PASS

n38	30	15	519000	1@36	CP_QPSK	21.17	20.77	37	PASS
n38	30	15	519000	19@9	CP_QAM16	20.50	20.1	37	PASS
n38	30	15	519000	1@1	CP_QAM16	21.30	20.9	37	PASS
n38	30	15	519000	1@36	CP_QAM16	21.07	20.67	37	PASS
n38	30	15	519000	19@9	CP_QAM64	19.17	18.77	37	PASS
n38	30	15	519000	1@1	CP_QAM64	19.27	18.87	37	PASS
n38	30	15	519000	1@36	CP_QAM64	19.11	18.71	37	PASS
n38	30	15	519000	19@9	CP_QAM256	16.17	15.77	37	PASS
n38	30	15	519000	1@1	CP_QAM256	16.57	16.17	37	PASS
n38	30	15	519000	1@36	CP_QAM256	16.76	16.36	37	PASS
n38	30	15	522500	18@9	DFT_BPSK	22.55	22.15	37	PASS
n38	30	15	522500	1@1	DFT_BPSK	22.48	22.08	37	PASS
n38	30	15	522500	1@36	DFT_BPSK	22.48	22.08	37	PASS
n38	30	15	522500	18@9	DFT_QPSK	22.53	22.13	37	PASS
n38	30	15	522500	1@1	DFT_QPSK	22.45	22.05	37	PASS
n38	30	15	522500	1@36	DFT_QPSK	22.31	21.91	37	PASS
n38	30	15	522500	18@9	DFT_QAM16	21.51	21.11	37	PASS
n38	30	15	522500	1@1	DFT_QAM16	21.51	21.11	37	PASS
n38	30	15	522500	1@36	DFT_QAM16	21.39	20.99	37	PASS
n38	30	15	522500	18@9	DFT_QAM64	20.10	19.7	37	PASS
n38	30	15	522500	1@1	DFT_QAM64	20.00	19.6	37	PASS
n38	30	15	522500	1@36	DFT_QAM64	20.11	19.71	37	PASS
n38	30	15	522500	18@9	DFT_QAM256	18.14	17.74	37	PASS
n38	30	15	522500	1@1	DFT_QAM256	18.30	17.9	37	PASS
n38	30	15	522500	1@36	DFT_QAM256	18.10	17.7	37	PASS
n38	30	15	522500	19@9	CP_QPSK	21.01	20.61	37	PASS
n38	30	15	522500	1@1	CP_QPSK	21.19	20.79	37	PASS
n38	30	15	522500	1@36	CP_QPSK	21.06	20.66	37	PASS
n38	30	15	522500	19@9	CP_QAM16	20.55	20.15	37	PASS
n38	30	15	522500	1@1	CP_QAM16	21.38	20.98	37	PASS
n38	30	15	522500	1@36	CP_QAM16	20.73	20.33	37	PASS
n38	30	15	522500	19@9	CP_QAM64	19.17	18.77	37	PASS
n38	30	15	522500	1@1	CP_QAM64	19.34	18.94	37	PASS
n38	30	15	522500	1@36	CP_QAM64	19.04	18.64	37	PASS
n38	30	15	522500	19@9	CP_QAM256	16.04	15.64	37	PASS
n38	30	15	522500	1@1	CP_QAM256	16.33	15.93	37	PASS
n38	30	15	522500	1@36	CP_QAM256	16.22	15.82	37	PASS
n38	30	20	516000	25@12	DFT_BPSK	22.45	22.05	37	PASS
n38	30	20	516000	1@1	DFT_BPSK	22.28	21.88	37	PASS
n38	30	20	516000	1@49	DFT_BPSK	22.47	22.07	37	PASS
n38	30	20	516000	25@12	DFT_QPSK	22.39	21.99	37	PASS
n38	30	20	516000	1@1	DFT_QPSK	22.05	21.65	37	PASS
n38	30	20	516000	1@49	DFT_QPSK	22.26	21.86	37	PASS
n38	30	20	516000	25@12	DFT_QAM16	21.38	20.98	37	PASS

n38	30	20	516000	1@1	DFT_QAM16	21.24	20.84	37	PASS
n38	30	20	516000	1@49	DFT_QAM16	21.41	21.01	37	PASS
n38	30	20	516000	25@12	DFT_QAM64	19.95	19.55	37	PASS
n38	30	20	516000	1@1	DFT_QAM64	20.01	19.61	37	PASS
n38	30	20	516000	1@49	DFT_QAM64	20.15	19.75	37	PASS
n38	30	20	516000	25@12	DFT_QAM256	18.02	17.62	37	PASS
n38	30	20	516000	1@1	DFT_QAM256	17.97	17.57	37	PASS
n38	30	20	516000	1@49	DFT_QAM256	18.08	17.68	37	PASS
n38	30	20	516000	25@12	CP_QPSK	20.94	20.54	37	PASS
n38	30	20	516000	1@1	CP_QPSK	20.93	20.53	37	PASS
n38	30	20	516000	1@49	CP_QPSK	21.07	20.67	37	PASS
n38	30	20	516000	25@12	CP_QAM16	20.46	20.06	37	PASS
n38	30	20	516000	1@1	CP_QAM16	20.77	20.37	37	PASS
n38	30	20	516000	1@49	CP_QAM16	21.25	20.85	37	PASS
n38	30	20	516000	25@12	CP_QAM64	18.86	18.46	37	PASS
n38	30	20	516000	1@1	CP_QAM64	18.79	18.39	37	PASS
n38	30	20	516000	1@49	CP_QAM64	19.16	18.76	37	PASS
n38	30	20	516000	25@12	CP_QAM256	15.98	15.58	37	PASS
n38	30	20	516000	1@1	CP_QAM256	16.05	15.65	37	PASS
n38	30	20	516000	1@49	CP_QAM256	16.14	15.74	37	PASS
n38	30	20	519000	25@12	DFT_BPSK	22.60	22.2	37	PASS
n38	30	20	519000	1@1	DFT_BPSK	22.32	21.92	37	PASS
n38	30	20	519000	1@49	DFT_BPSK	22.54	22.14	37	PASS
n38	30	20	519000	25@12	DFT_QPSK	22.66	22.26	37	PASS
n38	30	20	519000	1@1	DFT_QPSK	22.17	21.77	37	PASS
n38	30	20	519000	1@49	DFT_QPSK	22.35	21.95	37	PASS
n38	30	20	519000	25@12	DFT_QAM16	21.54	21.14	37	PASS
n38	30	20	519000	1@1	DFT_QAM16	21.29	20.89	37	PASS
n38	30	20	519000	1@49	DFT_QAM16	21.40	21	37	PASS
n38	30	20	519000	25@12	DFT_QAM64	20.14	19.74	37	PASS
n38	30	20	519000	1@1	DFT_QAM64	20.05	19.65	37	PASS
n38	30	20	519000	1@49	DFT_QAM64	20.12	19.72	37	PASS
n38	30	20	519000	25@12	DFT_QAM256	18.06	17.66	37	PASS
n38	30	20	519000	1@1	DFT_QAM256	18.04	17.64	37	PASS
n38	30	20	519000	1@49	DFT_QAM256	18.19	17.79	37	PASS
n38	30	20	519000	25@12	CP_QPSK	21.06	20.66	37	PASS
n38	30	20	519000	1@1	CP_QPSK	20.98	20.58	37	PASS
n38	30	20	519000	1@49	CP_QPSK	21.13	20.73	37	PASS
n38	30	20	519000	25@12	CP_QAM16	20.62	20.22	37	PASS
n38	30	20	519000	1@1	CP_QAM16	20.21	19.81	37	PASS
n38	30	20	519000	1@49	CP_QAM16	20.33	19.93	37	PASS
n38	30	20	519000	25@12	CP_QAM64	19.02	18.62	37	PASS
n38	30	20	519000	1@1	CP_QAM64	19.17	18.77	37	PASS
n38	30	20	519000	1@49	CP_QAM64	19.25	18.85	37	PASS

n38	30	20	519000	25@12	CP_QAM256	16.09	15.69	37	PASS
n38	30	20	519000	1@1	CP_QAM256	16.50	16.1	37	PASS
n38	30	20	519000	1@49	CP_QAM256	16.25	15.85	37	PASS
n38	30	20	522000	25@12	DFT_BPSK	22.58	22.18	37	PASS
n38	30	20	522000	1@1	DFT_BPSK	22.40	22	37	PASS
n38	30	20	522000	1@49	DFT_BPSK	22.36	21.96	37	PASS
n38	30	20	522000	25@12	DFT_QPSK	22.57	22.17	37	PASS
n38	30	20	522000	1@1	DFT_QPSK	22.31	21.91	37	PASS
n38	30	20	522000	1@49	DFT_QPSK	22.28	21.88	37	PASS
n38	30	20	522000	25@12	DFT_QAM16	21.60	21.2	37	PASS
n38	30	20	522000	1@1	DFT_QAM16	21.42	21.02	37	PASS
n38	30	20	522000	1@49	DFT_QAM16	21.27	20.87	37	PASS
n38	30	20	522000	25@12	DFT_QAM64	20.07	19.67	37	PASS
n38	30	20	522000	1@1	DFT_QAM64	19.95	19.55	37	PASS
n38	30	20	522000	1@49	DFT_QAM64	19.76	19.36	37	PASS
n38	30	20	522000	25@12	DFT_QAM256	18.06	17.66	37	PASS
n38	30	20	522000	1@1	DFT_QAM256	18.11	17.71	37	PASS
n38	30	20	522000	1@49	DFT_QAM256	18.14	17.74	37	PASS
n38	30	20	522000	25@12	CP_QPSK	21.11	20.71	37	PASS
n38	30	20	522000	1@1	CP_QPSK	21.14	20.74	37	PASS
n38	30	20	522000	1@49	CP_QPSK	21.06	20.66	37	PASS
n38	30	20	522000	25@12	CP_QAM16	20.65	20.25	37	PASS
n38	30	20	522000	1@1	CP_QAM16	20.77	20.37	37	PASS
n38	30	20	522000	1@49	CP_QAM16	20.69	20.29	37	PASS
n38	30	20	522000	25@12	CP_QAM64	19.02	18.62	37	PASS
n38	30	20	522000	1@1	CP_QAM64	19.01	18.61	37	PASS
n38	30	20	522000	1@49	CP_QAM64	19.00	18.6	37	PASS
n38	30	20	522000	25@12	CP_QAM256	16.11	15.71	37	PASS
n38	30	20	522000	1@1	CP_QAM256	16.62	16.22	37	PASS
n38	30	20	522000	1@49	CP_QAM256	16.20	15.8	37	PASS
n38	30	40	518000	50@25	DFT_BPSK	22.46	22.06	37	PASS
n38	30	40	518000	1@1	DFT_BPSK	21.92	21.52	37	PASS
n38	30	40	518000	1@104	DFT_BPSK	22.13	21.73	37	PASS
n38	30	40	518000	50@25	DFT_QPSK	22.43	22.03	37	PASS
n38	30	40	518000	1@1	DFT_QPSK	21.75	21.35	37	PASS
n38	30	40	518000	1@104	DFT_QPSK	21.95	21.55	37	PASS
n38	30	40	518000	50@25	DFT_QAM16	21.50	21.1	37	PASS
n38	30	40	518000	1@1	DFT_QAM16	20.75	20.35	37	PASS
n38	30	40	518000	1@104	DFT_QAM16	20.93	20.53	37	PASS
n38	30	40	518000	50@25	DFT_QAM64	19.92	19.52	37	PASS
n38	30	40	518000	1@1	DFT_QAM64	19.54	19.14	37	PASS
n38	30	40	518000	1@104	DFT_QAM64	19.47	19.07	37	PASS
n38	30	40	518000	50@25	DFT_QAM256	18.02	17.62	37	PASS
n38	30	40	518000	1@1	DFT_QAM256	17.41	17.01	37	PASS

n38	30	40	518000	1@104	DFT_QAM256	17.67	17.27	37	PASS
n38	30	40	518000	53@26	CP_QPSK	21.03	20.63	37	PASS
n38	30	40	518000	1@1	CP_QPSK	20.43	20.03	37	PASS
n38	30	40	518000	1@104	CP_QPSK	20.63	20.23	37	PASS
n38	30	40	518000	53@26	CP_QAM16	20.48	20.08	37	PASS
n38	30	40	518000	1@1	CP_QAM16	20.09	19.69	37	PASS
n38	30	40	518000	1@104	CP_QAM16	19.97	19.57	37	PASS
n38	30	40	518000	53@26	CP_QAM64	18.92	18.52	37	PASS
n38	30	40	518000	1@1	CP_QAM64	18.42	18.02	37	PASS
n38	30	40	518000	1@104	CP_QAM64	18.60	18.2	37	PASS
n38	30	40	518000	53@26	CP_QAM256	16.13	15.73	37	PASS
n38	30	40	518000	1@1	CP_QAM256	15.66	15.26	37	PASS
n38	30	40	518000	1@104	CP_QAM256	16.23	15.83	37	PASS
n38	30	40	519000	50@25	DFT_BPSK	22.52	22.12	37	PASS
n38	30	40	519000	1@1	DFT_BPSK	21.90	21.5	37	PASS
n38	30	40	519000	1@104	DFT_BPSK	22.05	21.65	37	PASS
n38	30	40	519000	50@25	DFT_QPSK	22.56	22.16	37	PASS
n38	30	40	519000	1@1	DFT_QPSK	21.72	21.32	37	PASS
n38	30	40	519000	1@104	DFT_QPSK	21.85	21.45	37	PASS
n38	30	40	519000	50@25	DFT_QAM16	21.56	21.16	37	PASS
n38	30	40	519000	1@1	DFT_QAM16	20.84	20.44	37	PASS
n38	30	40	519000	1@104	DFT_QAM16	20.95	20.55	37	PASS
n38	30	40	519000	50@25	DFT_QAM64	20.06	19.66	37	PASS
n38	30	40	519000	1@1	DFT_QAM64	19.54	19.14	37	PASS
n38	30	40	519000	1@104	DFT_QAM64	19.73	19.33	37	PASS
n38	30	40	519000	50@25	DFT_QAM256	17.98	17.58	37	PASS
n38	30	40	519000	1@1	DFT_QAM256	17.41	17.01	37	PASS
n38	30	40	519000	1@104	DFT_QAM256	17.59	17.19	37	PASS
n38	30	40	519000	53@26	CP_QPSK	21.00	20.6	37	PASS
n38	30	40	519000	1@1	CP_QPSK	20.47	20.07	37	PASS
n38	30	40	519000	1@104	CP_QPSK	20.64	20.24	37	PASS
n38	30	40	519000	53@26	CP_QAM16	20.54	20.14	37	PASS
n38	30	40	519000	1@1	CP_QAM16	19.98	19.58	37	PASS
n38	30	40	519000	1@104	CP_QAM16	20.40	20	37	PASS
n38	30	40	519000	53@26	CP_QAM64	18.89	18.49	37	PASS
n38	30	40	519000	1@1	CP_QAM64	18.64	18.24	37	PASS
n38	30	40	519000	1@104	CP_QAM64	18.53	18.13	37	PASS
n38	30	40	519000	53@26	CP_QAM256	16.14	15.74	37	PASS
n38	30	40	519000	1@1	CP_QAM256	16.00	15.6	37	PASS
n38	30	40	519000	1@104	CP_QAM256	15.75	15.35	37	PASS
n38	30	40	520000	50@25	DFT_BPSK	22.54	22.14	37	PASS
n38	30	40	520000	1@1	DFT_BPSK	21.93	21.53	37	PASS
n38	30	40	520000	1@104	DFT_BPSK	22.12	21.72	37	PASS
n38	30	40	520000	50@25	DFT_QPSK	22.59	22.19	37	PASS

n38	30	40	520000	1@1	DFT_QPSK	21.70	21.3	37	PASS
n38	30	40	520000	1@104	DFT_QPSK	21.90	21.5	37	PASS
n38	30	40	520000	50@25	DFT_QAM16	21.58	21.18	37	PASS
n38	30	40	520000	1@1	DFT_QAM16	20.90	20.5	37	PASS
n38	30	40	520000	1@104	DFT_QAM16	20.96	20.56	37	PASS
n38	30	40	520000	50@25	DFT_QAM64	20.03	19.63	37	PASS
n38	30	40	520000	1@1	DFT_QAM64	19.57	19.17	37	PASS
n38	30	40	520000	1@104	DFT_QAM64	19.73	19.33	37	PASS
n38	30	40	520000	50@25	DFT_QAM256	18.00	17.6	37	PASS
n38	30	40	520000	1@1	DFT_QAM256	17.45	17.05	37	PASS
n38	30	40	520000	1@104	DFT_QAM256	17.59	17.19	37	PASS
n38	30	40	520000	53@26	CP_QPSK	21.07	20.67	37	PASS
n38	30	40	520000	1@1	CP_QPSK	20.54	20.14	37	PASS
n38	30	40	520000	1@104	CP_QPSK	20.72	20.32	37	PASS
n38	30	40	520000	53@26	CP_QAM16	20.55	20.15	37	PASS
n38	30	40	520000	1@1	CP_QAM16	20.43	20.03	37	PASS
n38	30	40	520000	1@104	CP_QAM16	20.19	19.79	37	PASS
n38	30	40	520000	53@26	CP_QAM64	18.97	18.57	37	PASS
n38	30	40	520000	1@1	CP_QAM64	18.37	17.97	37	PASS
n38	30	40	520000	1@104	CP_QAM64	18.78	18.38	37	PASS
n38	30	40	520000	53@26	CP_QAM256	16.18	15.78	37	PASS
n38	30	40	520000	1@1	CP_QAM256	15.71	15.31	37	PASS
n38	30	40	520000	1@104	CP_QAM256	15.86	15.46	37	PASS



## 2 Frequency stability for NR FR1

**NT:**

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Voltage (Vdc)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n38	30	40	519000	50@25	DFT_BPSK	3.85	-8.17	0.00	Within authorized band for 5G NR n38	PASS
n38	30	40	519000	50@25	DFT_BPSK	3.45	-11.36	0.00		PASS
n38	30	40	519000	50@25	DFT_BPSK	4.40	-6.91	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	3.85	-3.27	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	3.45	-0.64	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	4.40	-4.49	0.00		PASS

Note: Only the worst case shown in the report.

**NV:**

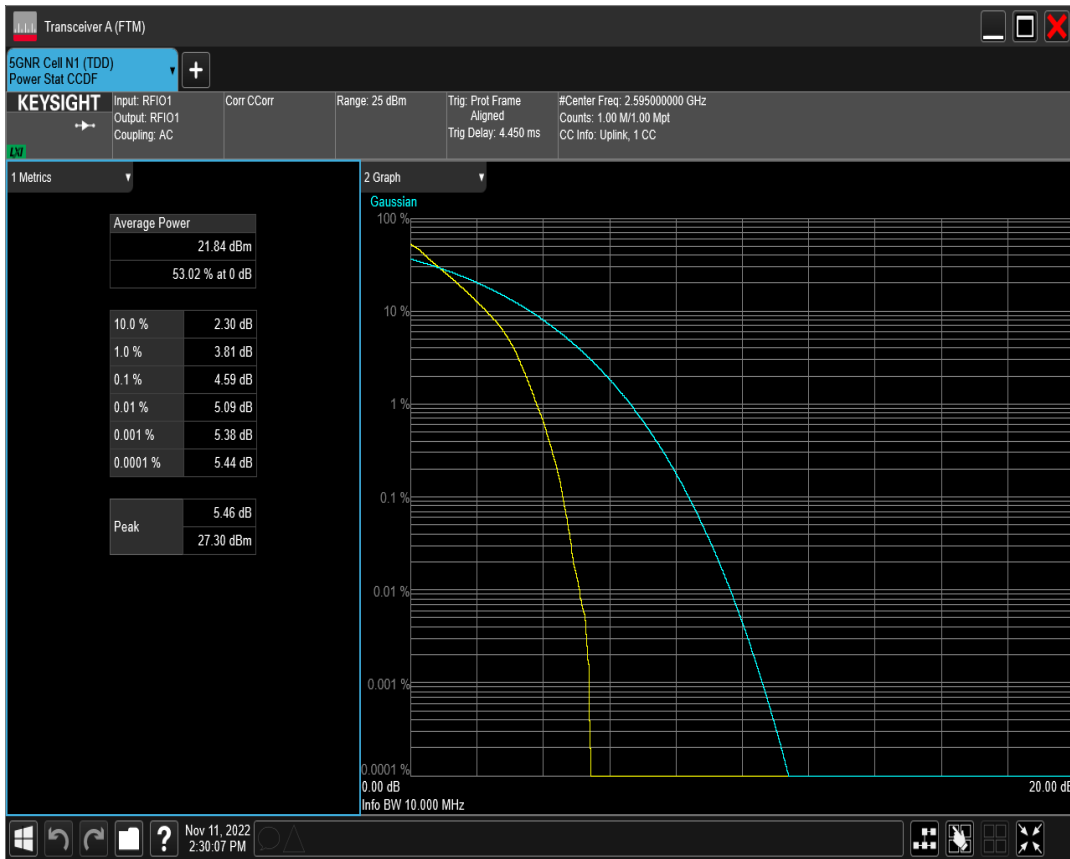
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Temperature(°C)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n38	30	40	519000	50@25	DFT_BPSK	-30	-3.45	0.00	Within authorized band for 5G NR n38	PASS
n38	30	40	519000	50@25	DFT_BPSK	-20	-7.23	0.00		PASS
n38	30	40	519000	50@25	DFT_BPSK	-10	-5.51	0.00		PASS
n38	30	40	519000	50@25	DFT_BPSK	0	-1.92	0.00		PASS
n38	30	40	519000	50@25	DFT_BPSK	10	-4.95	0.00		PASS
n38	30	40	519000	50@25	DFT_BPSK	20	-2.61	0.00		PASS
n38	30	40	519000	50@25	DFT_BPSK	30	-3.47	0.00		PASS
n38	30	40	519000	50@25	DFT_BPSK	40	-3.57	0.00		PASS
n38	30	40	519000	50@25	DFT_BPSK	50	-3.96	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	-30	-1.01	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	-20	-3.86	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	-10	-7.15	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	0	-4.75	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	10	-3.58	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	20	-3.43	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	30	-3.45	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	40	-7.23	0.00	PASS	
n38	30	40	519000	50@25	DFT_QPSK	50	-5.51	0.00	PASS	

Note: Only the worst case shown in the report.

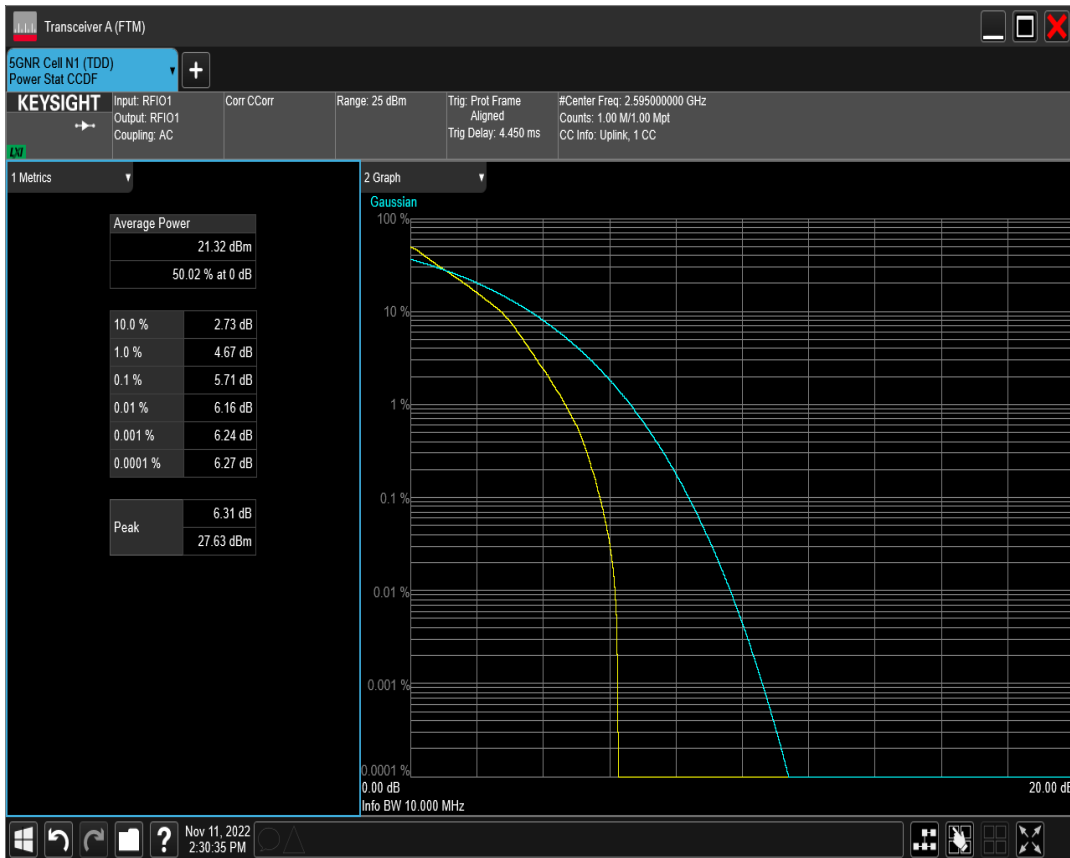
### 3 Peak-to-Average Ratio for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n38	30	10	519000	24@0	DFT_BPSK	4.59	13	PASS
n38	30	10	519000	24@0	DFT_QPSK	5.71	13	PASS
n38	30	10	519000	24@0	DFT_QAM16	6.56	13	PASS
n38	30	10	519000	24@0	DFT_QAM64	6.92	13	PASS
n38	30	10	519000	24@0	DFT_QAM256	6.92	13	PASS
n38	30	15	519000	36@0	DFT_BPSK	4.78	13	PASS
n38	30	15	519000	36@0	DFT_QPSK	5.81	13	PASS
n38	30	15	519000	36@0	DFT_QAM16	6.59	13	PASS
n38	30	15	519000	36@0	DFT_QAM64	6.85	13	PASS
n38	30	15	519000	36@0	DFT_QAM256	7.06	13	PASS
n38	30	20	519000	50@0	DFT_BPSK	4.70	13	PASS
n38	30	20	519000	50@0	DFT_QPSK	5.88	13	PASS
n38	30	20	519000	50@0	DFT_QAM16	6.68	13	PASS
n38	30	20	519000	50@0	DFT_QAM64	6.82	13	PASS
n38	30	20	519000	50@0	DFT_QAM256	6.96	13	PASS
n38	30	40	519000	100@0	DFT_BPSK	4.64	13	PASS
n38	30	40	519000	100@0	DFT_QPSK	5.80	13	PASS
n38	30	40	519000	100@0	DFT_QAM16	6.59	13	PASS
n38	30	40	519000	100@0	DFT_QAM64	6.87	13	PASS
n38	30	40	519000	100@0	DFT_QAM256	7.05	13	PASS

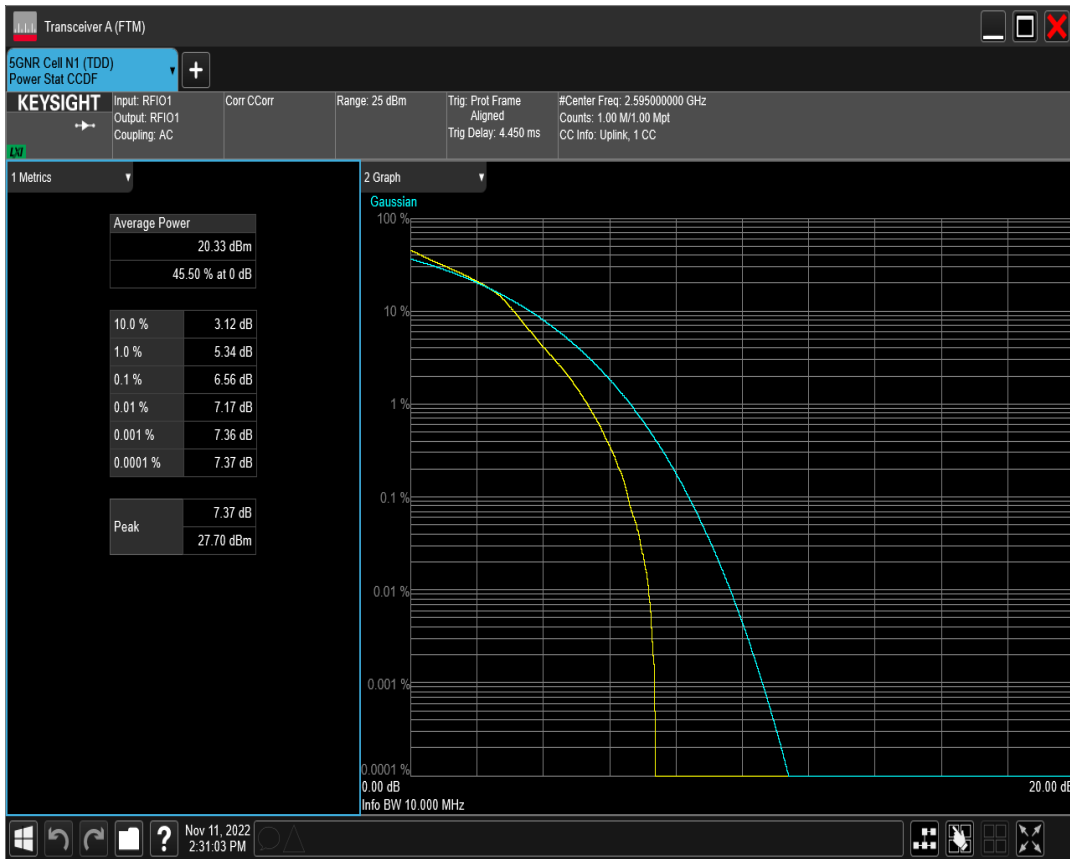
n38 SCS=30kHz DFT\_BPSK BW=10MHz Channel=519000 RB=24@0



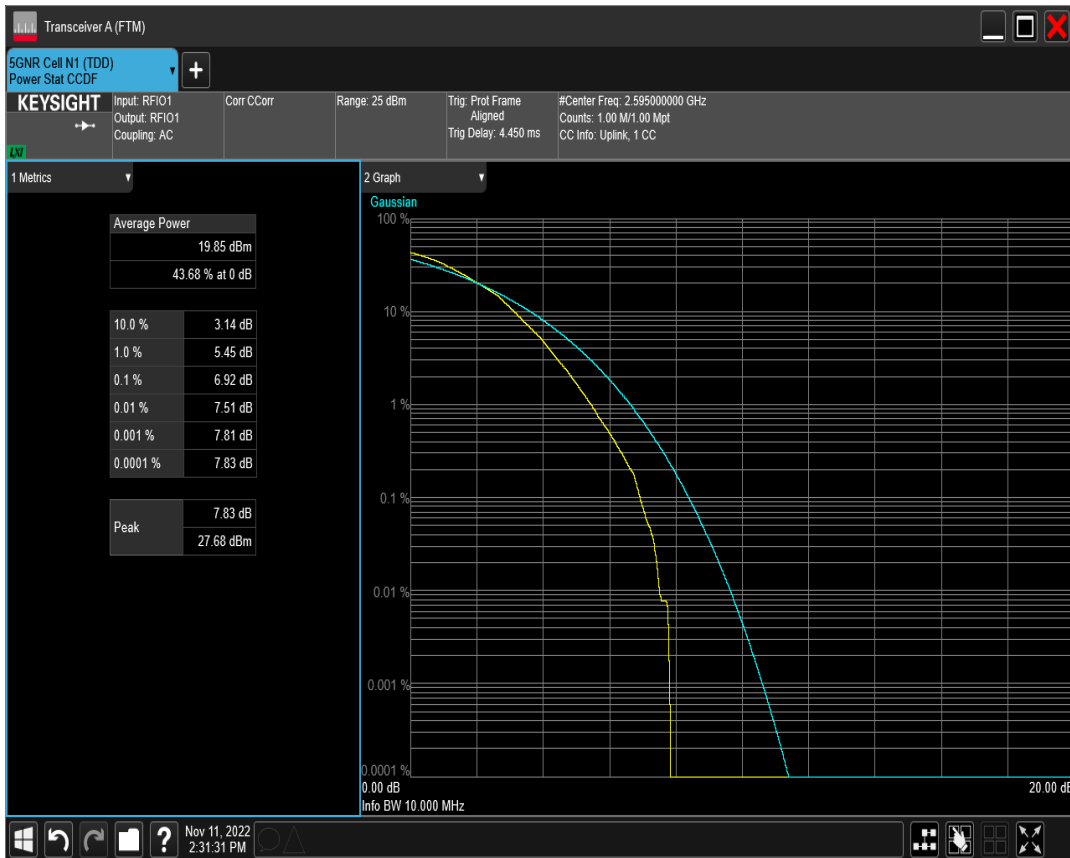
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=519000 RB=24@0



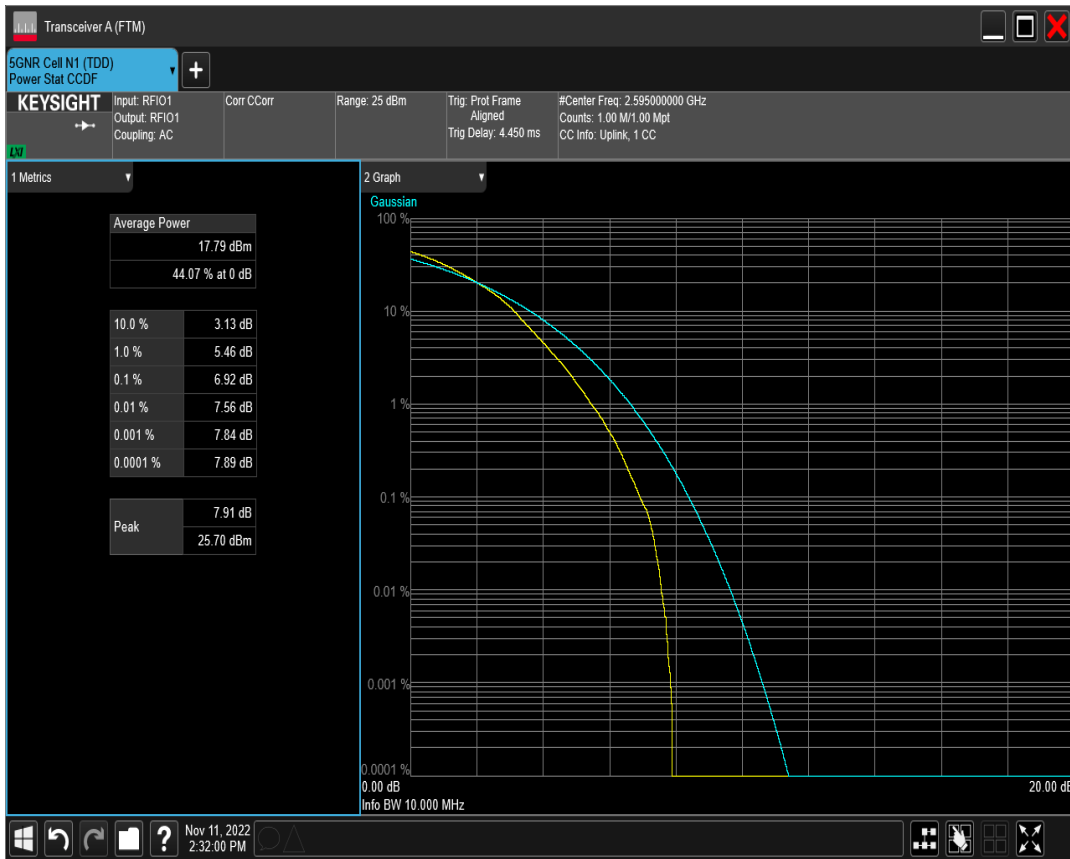
n38 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=519000 RB=24@0



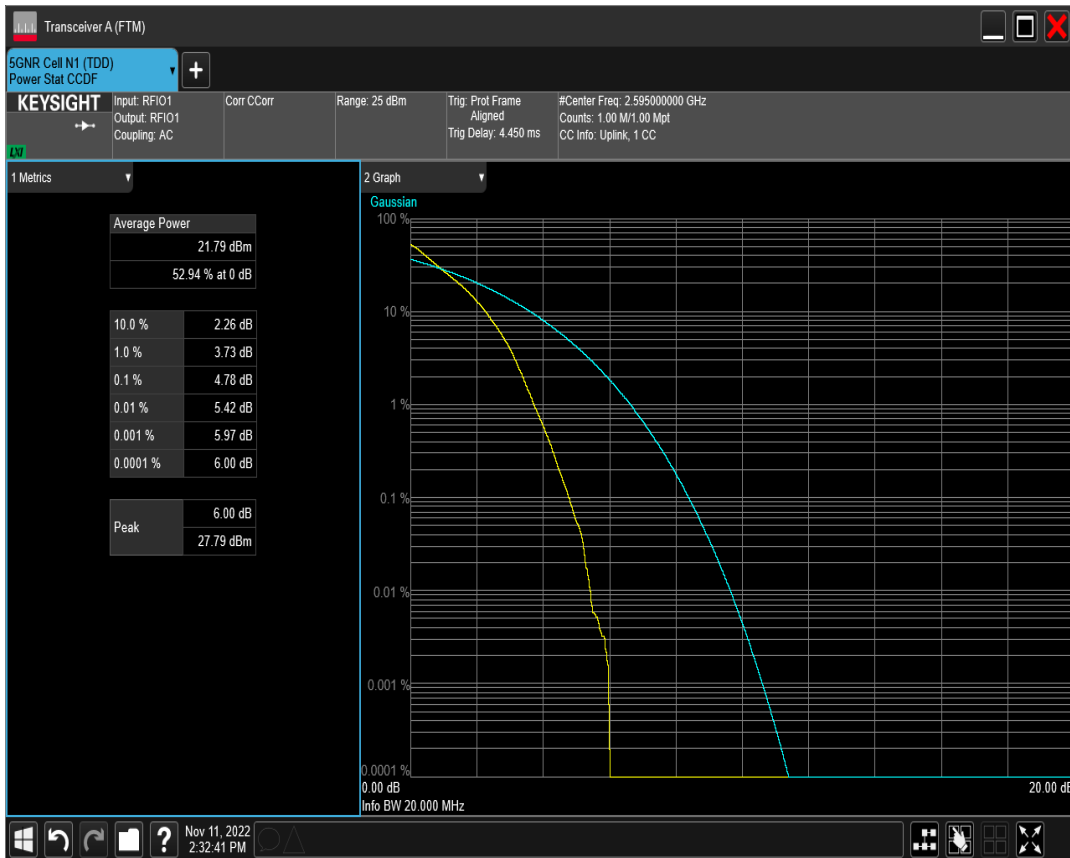
n38 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=519000 RB=24@0



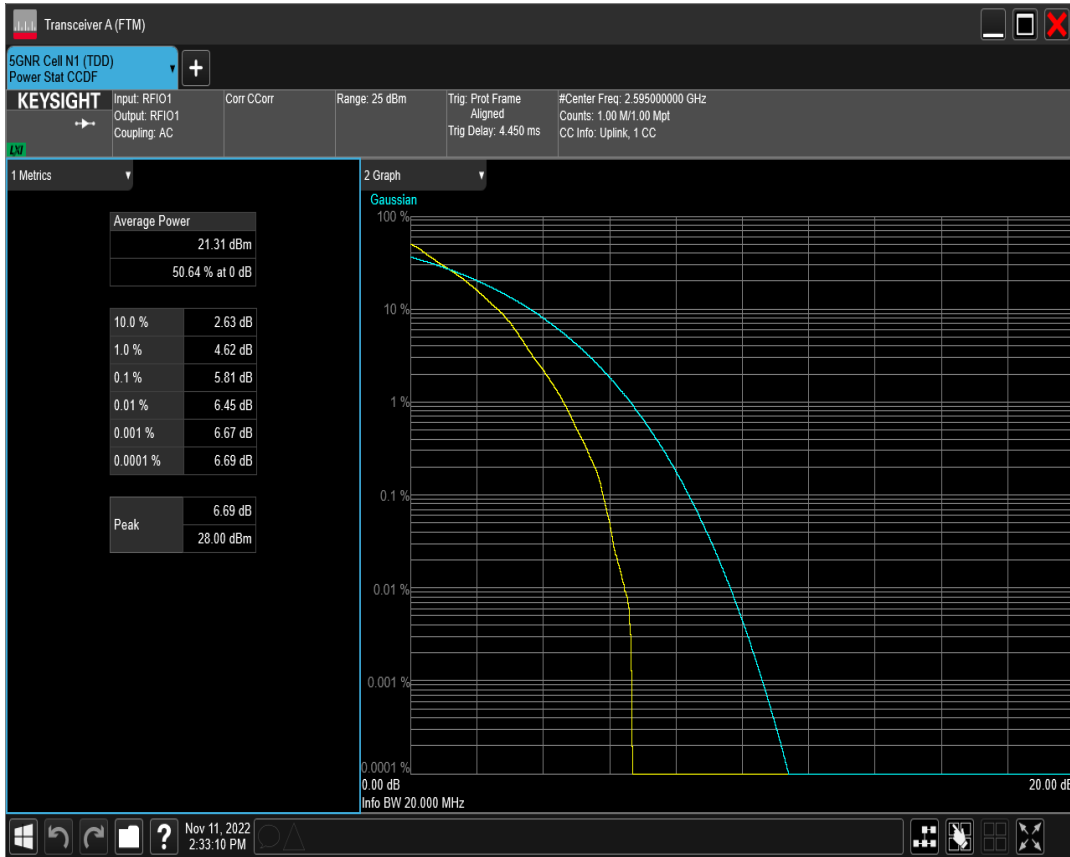
n38 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=519000 RB=24@0



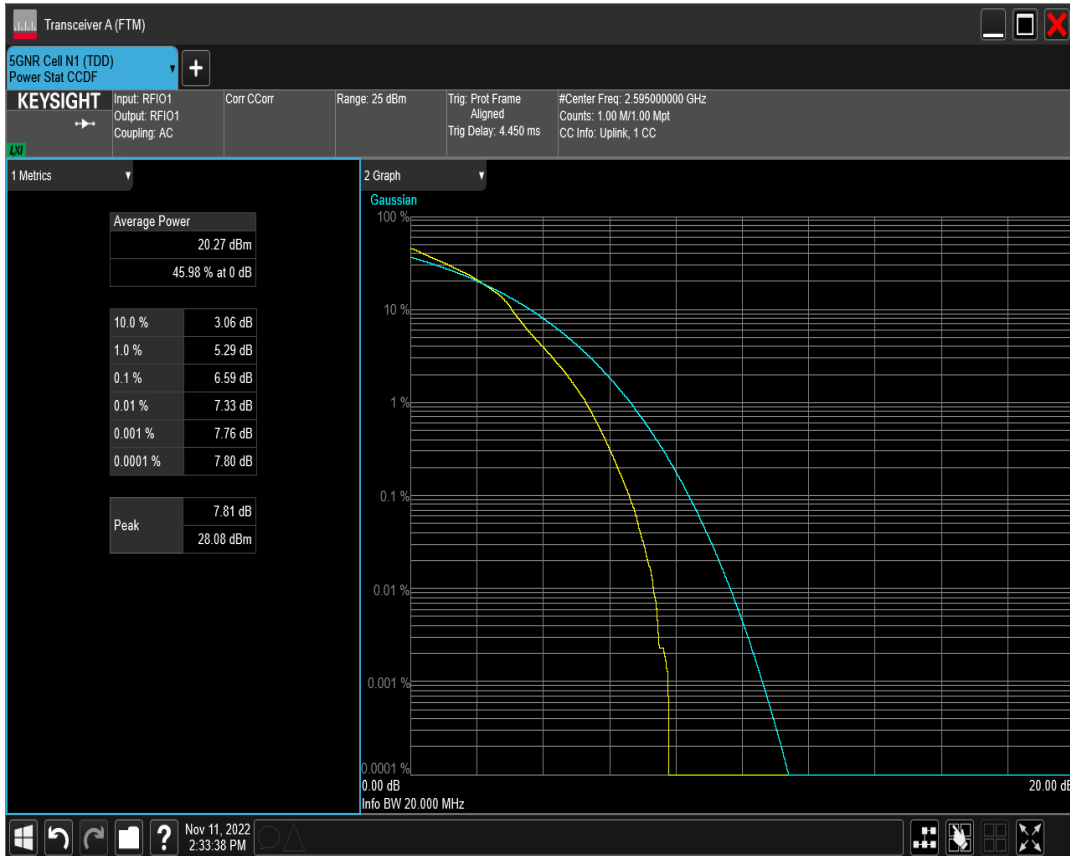
n38 SCS=30kHz DFT\_BPSK BW=15MHz Channel=519000 RB=36@0



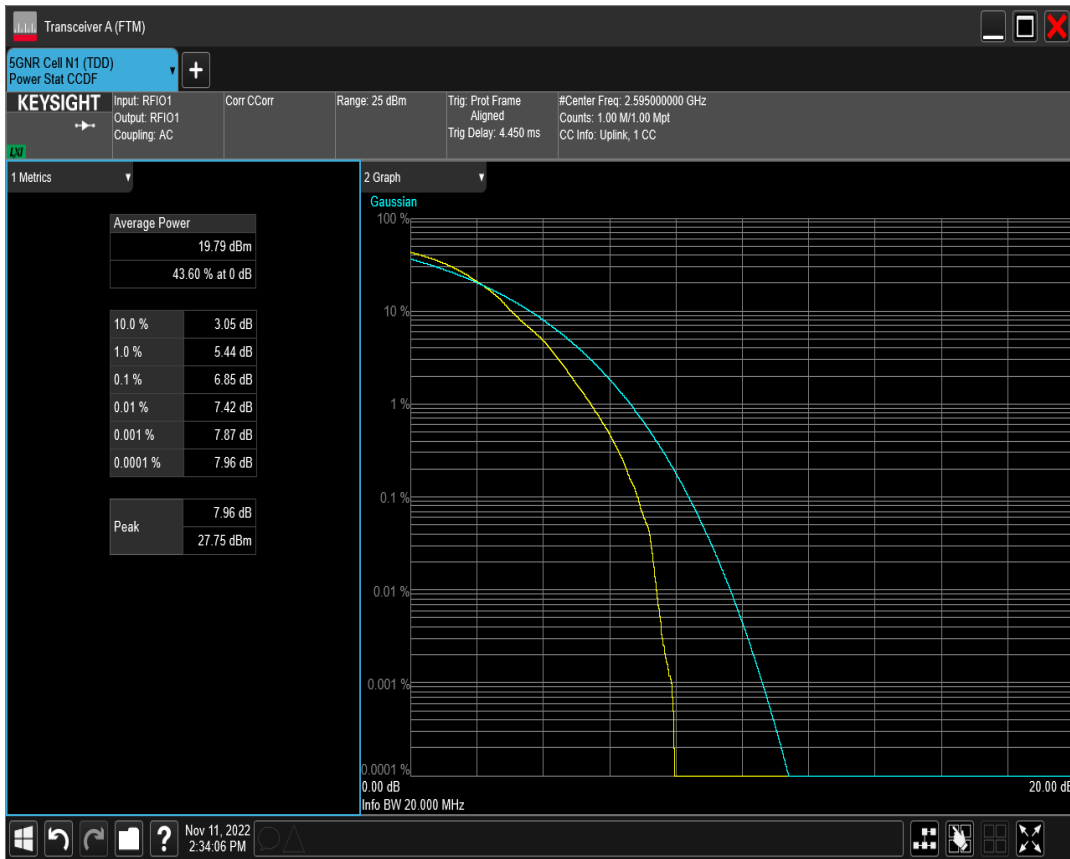
n38 SCS=30kHz DFT\_QPSK BW=15MHz Channel=519000 RB=36@0



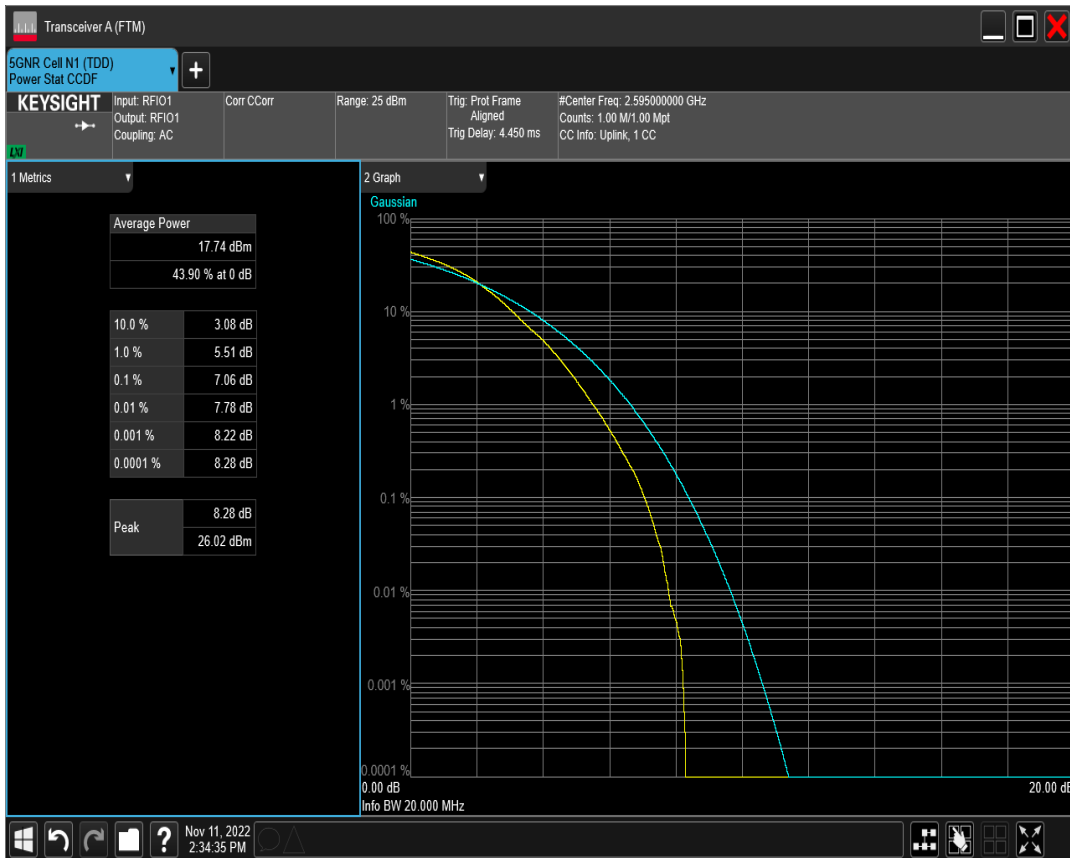
n38 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=519000 RB=36@0



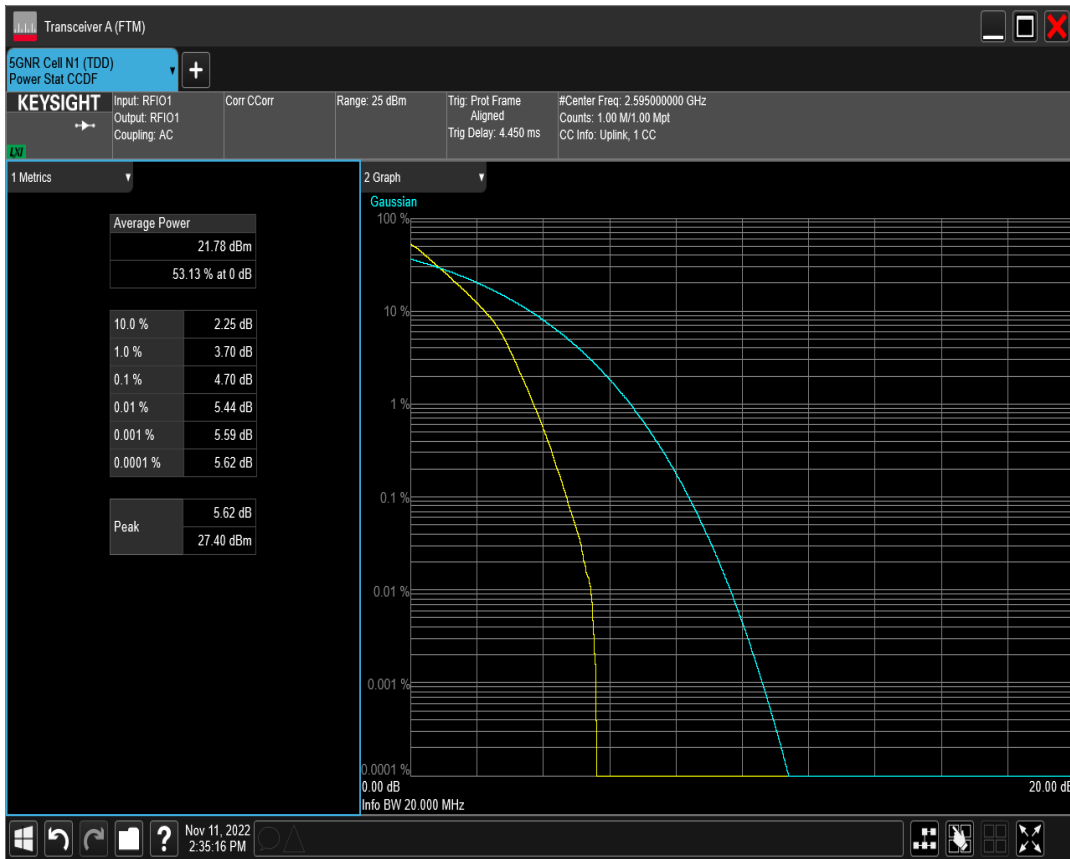
n38 SCS=30kHz DFT\_QAM64 BW=15MHz Channel=519000 RB=36@0



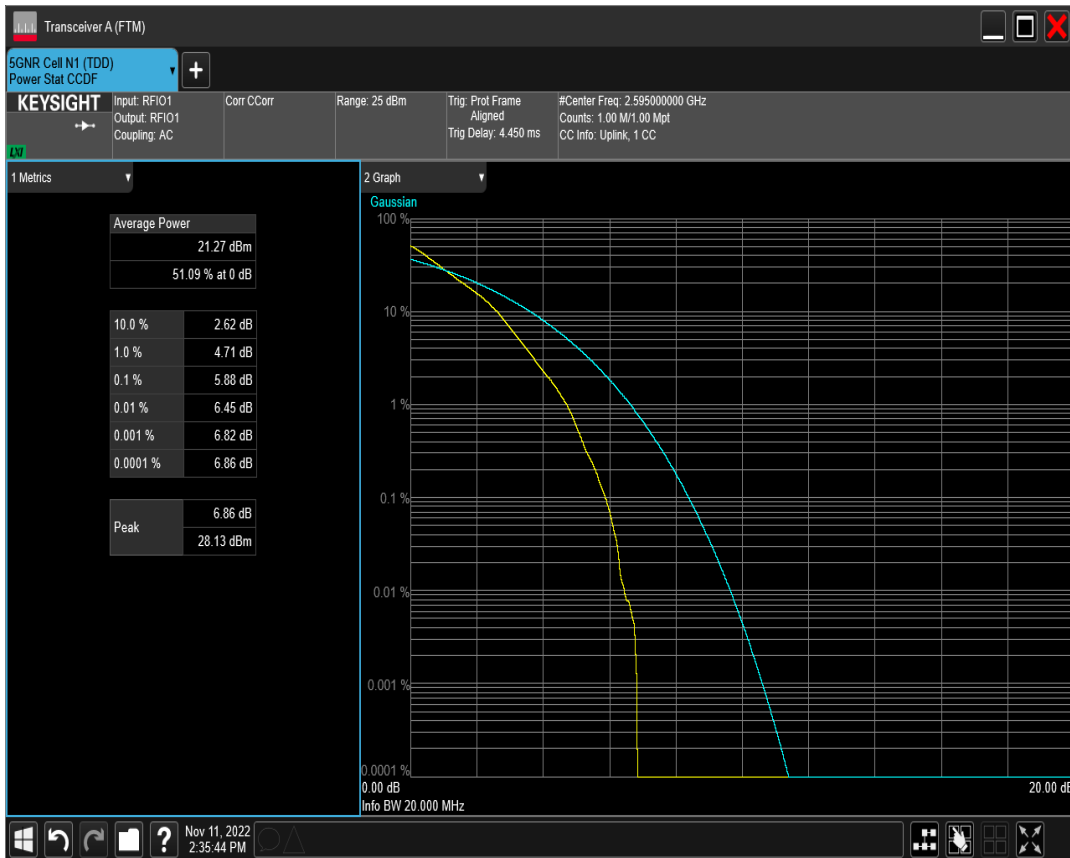
n38 SCS=30kHz DFT\_QAM256 BW=15MHz Channel=519000 RB=36@0



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

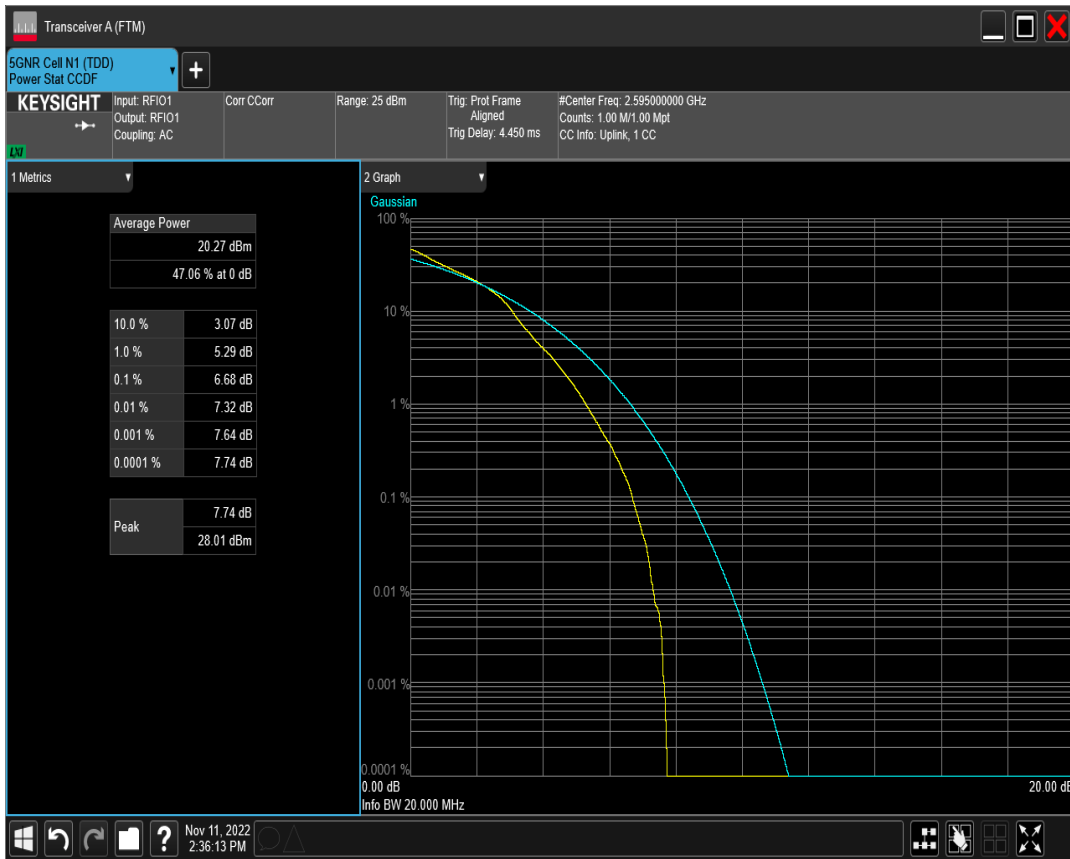


n38 SCS=30kHz DFT\_QPSK BW=20MHz Channel=519000 RB=50@0

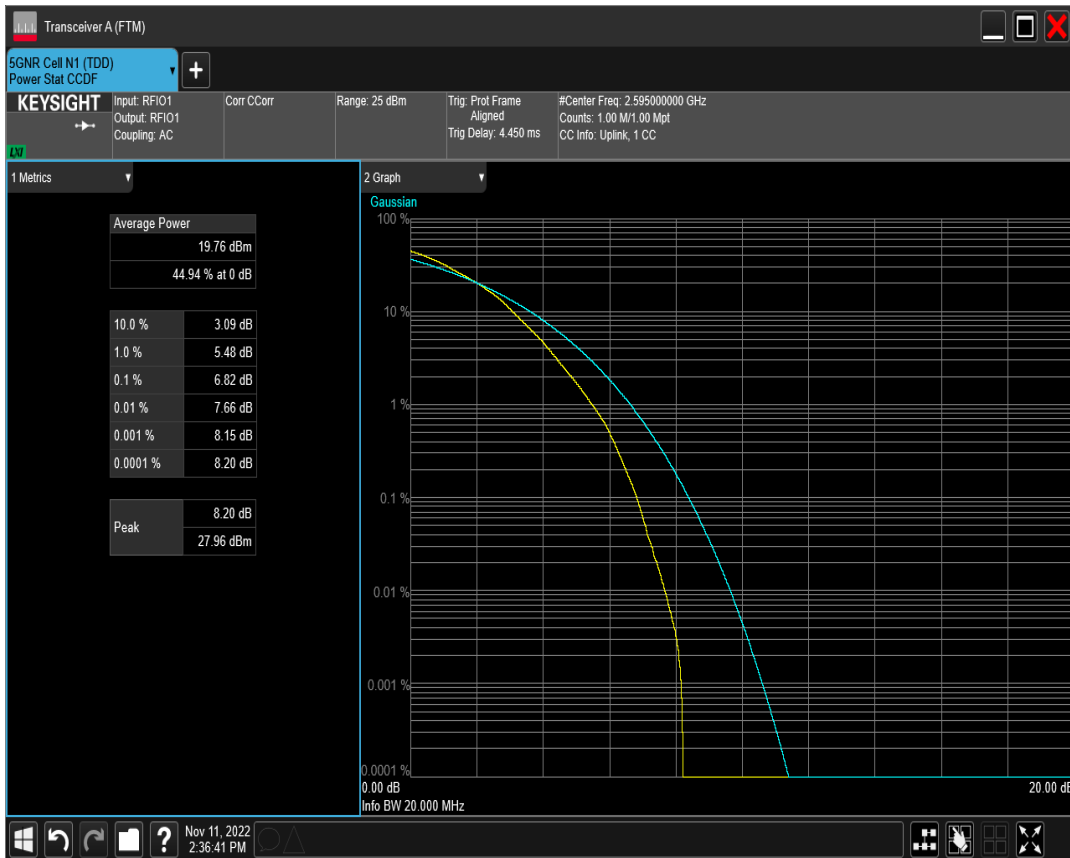




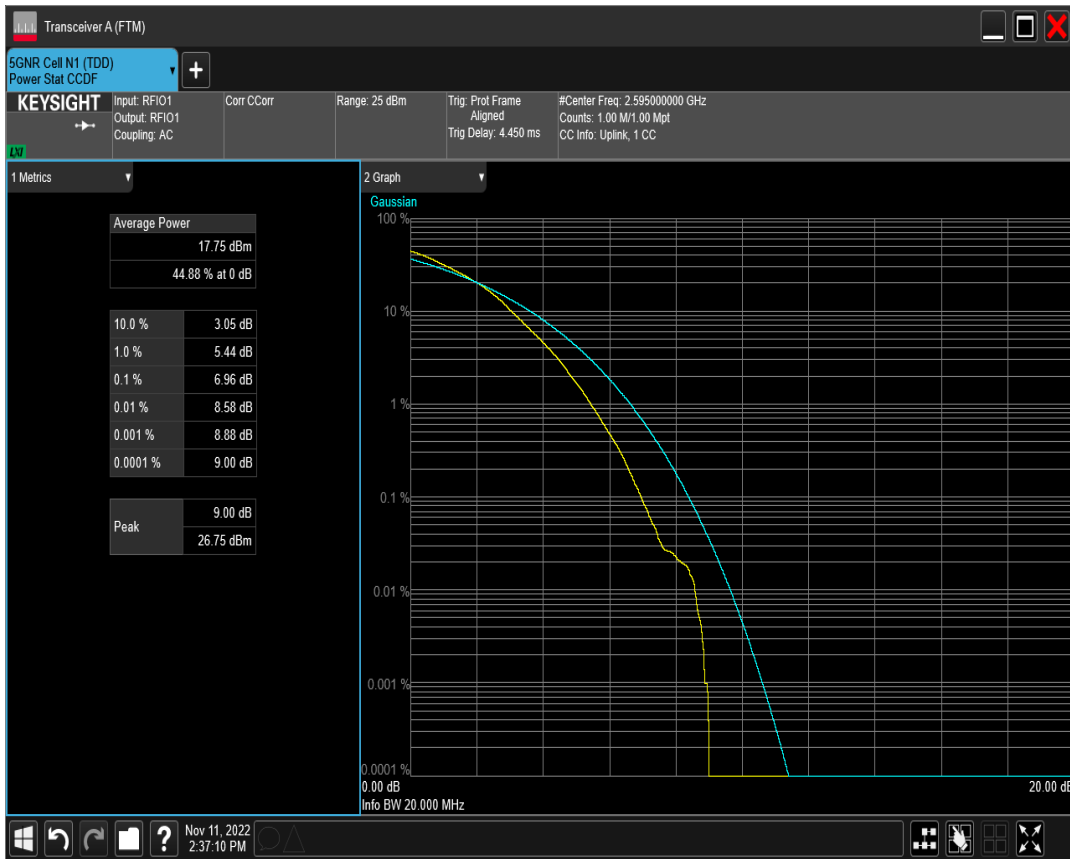
n38 SCS=30kHz DFT\_QAM16 BW=20MHz Channel=519000 RB=50@0



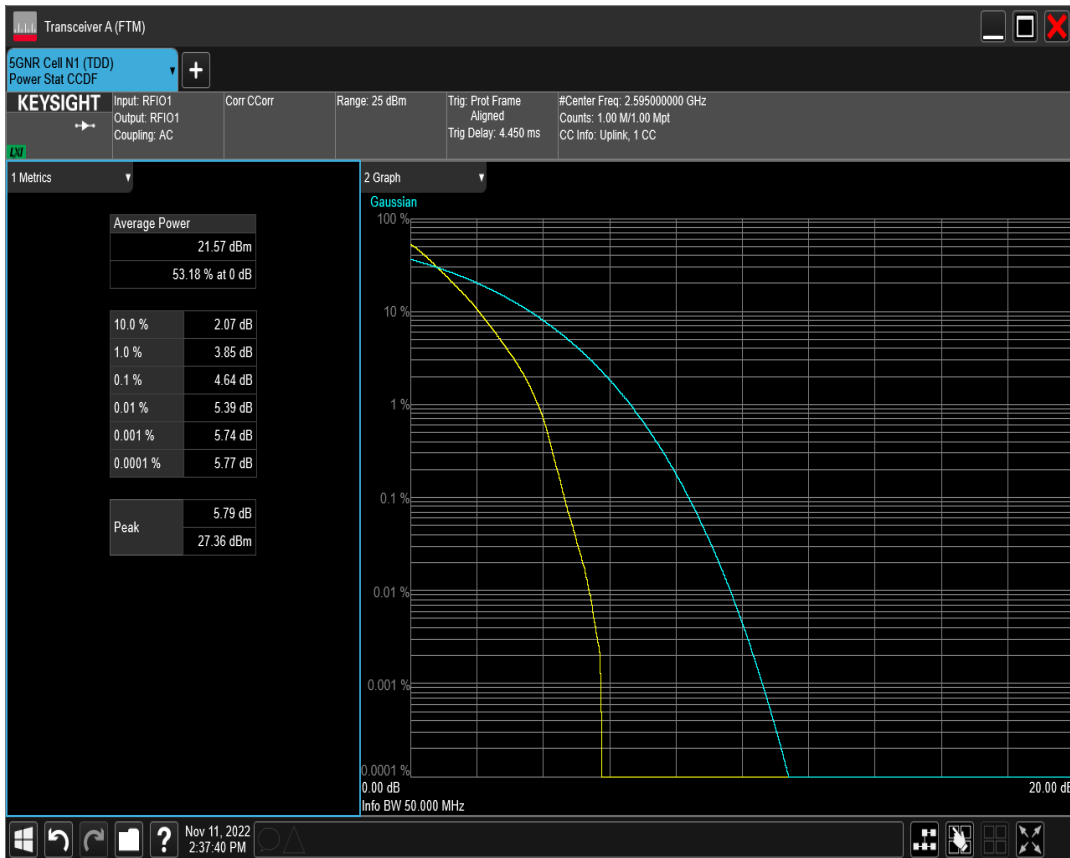
n38 SCS=30kHz DFT\_QAM64 BW=20MHz Channel=519000 RB=50@0



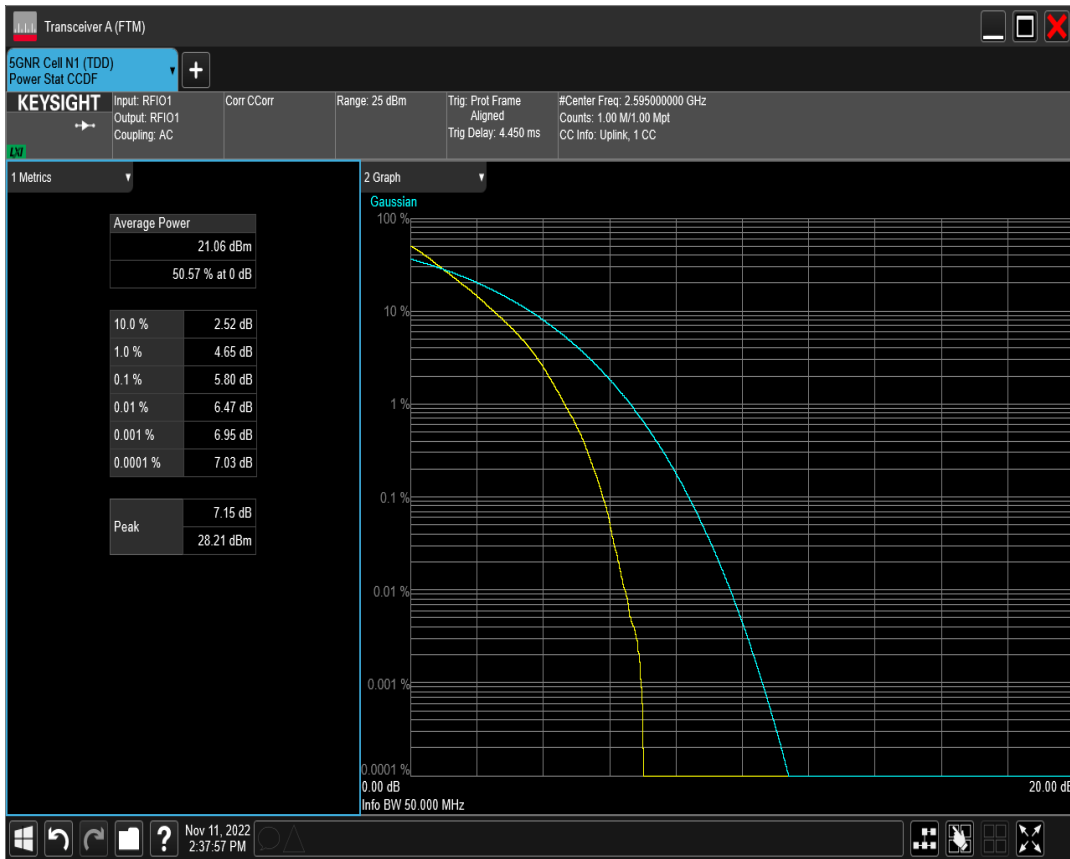
n38 SCS=30kHz DFT\_QAM256 BW=20MHz Channel=519000 RB=50@0



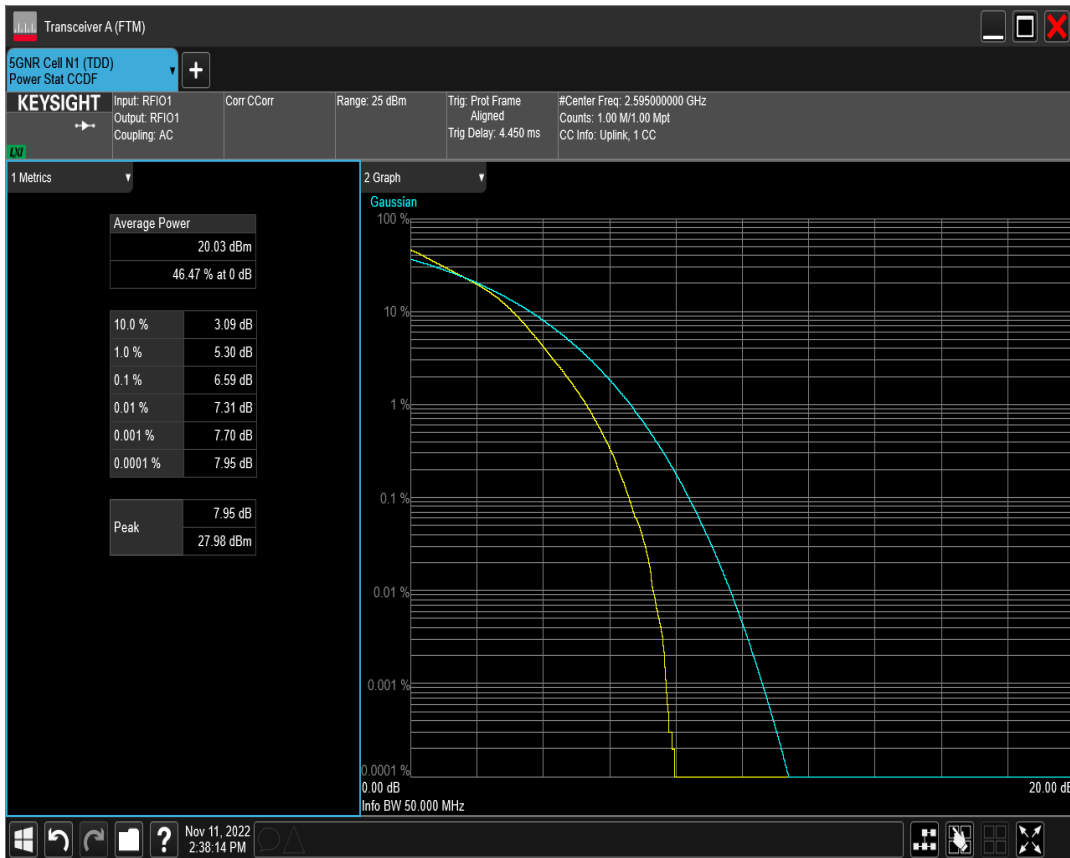
n38 SCS=30kHz DFT\_BPSK BW=40MHz Channel=519000 RB=100@0



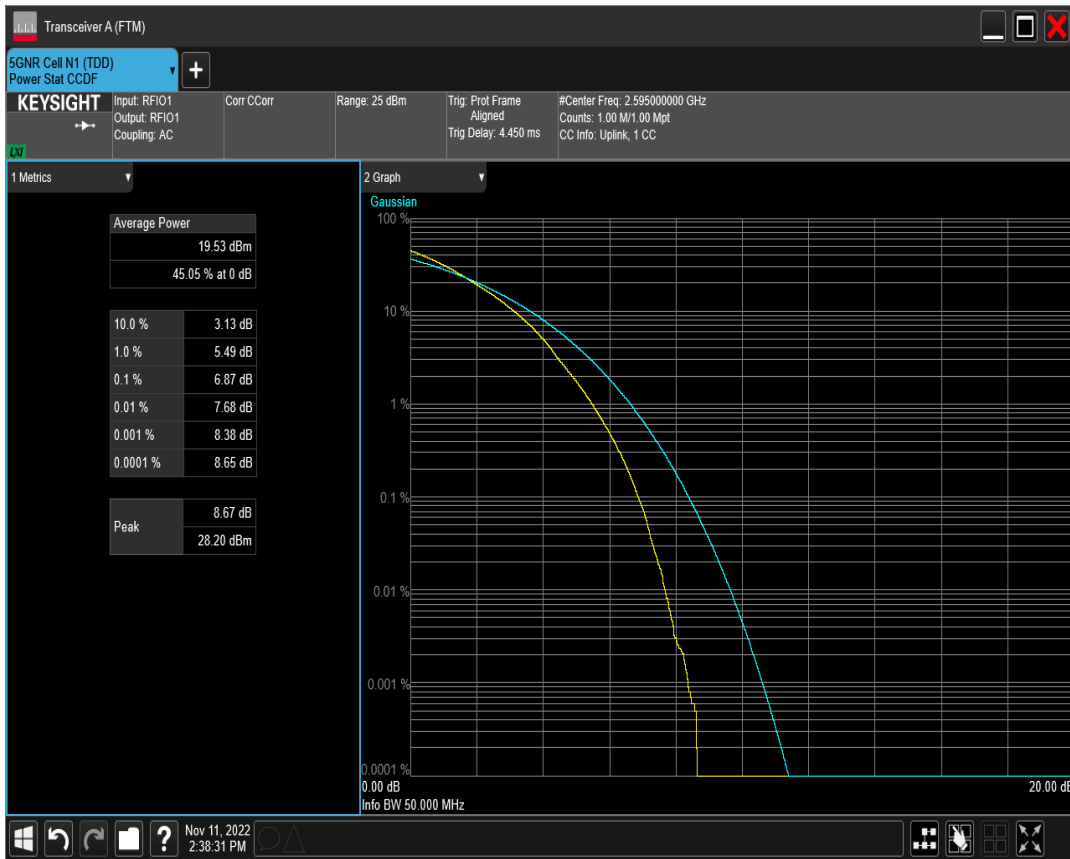
n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=519000 RB=100@0



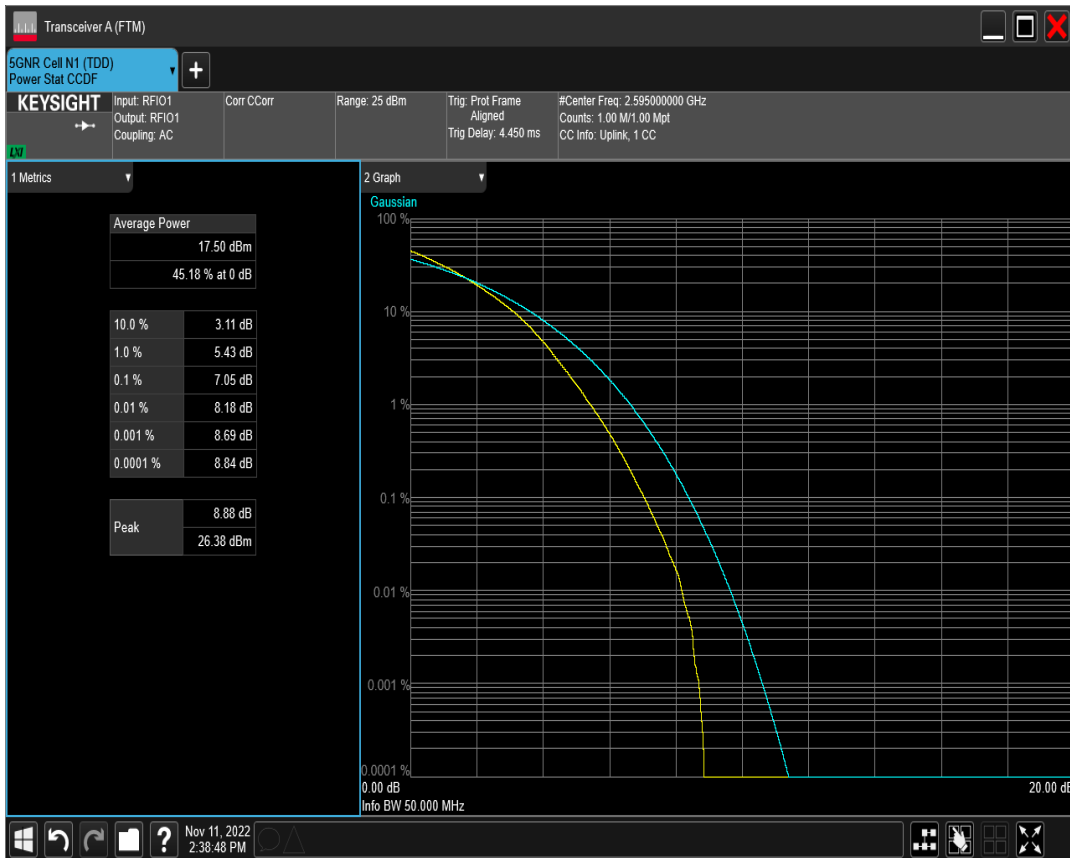
n38 SCS=30kHz DFT\_QAM16 BW=40MHz Channel=519000 RB=100@0



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



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

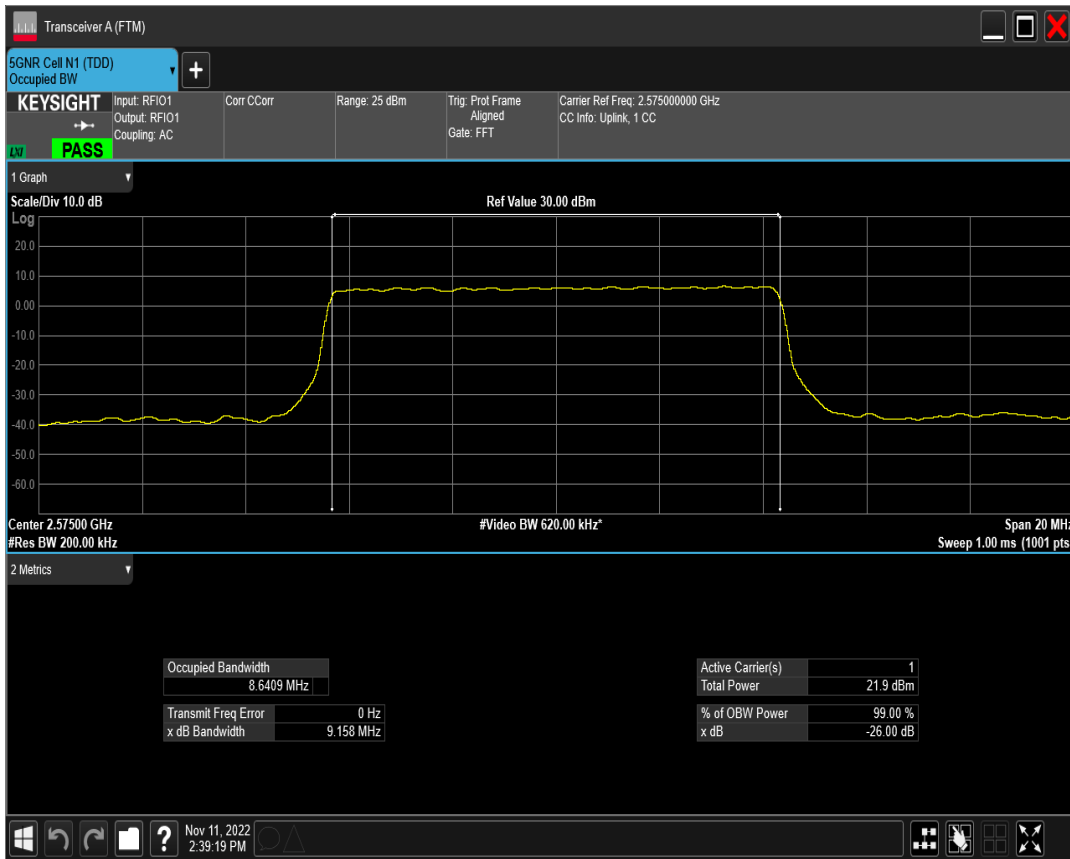


## 4 Occupied bandwidth for NR FR1

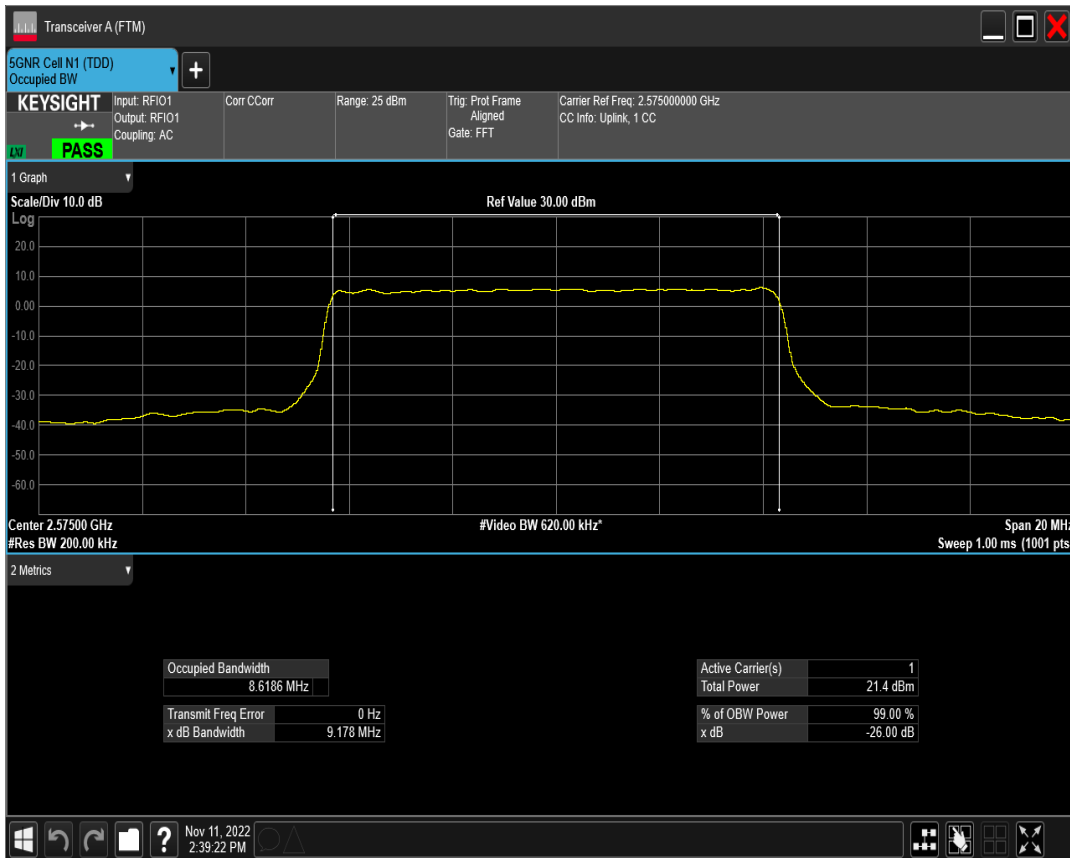
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n38	30	10	515000	24@0	DFT_BPSK	8.640	9.160	PASS
n38	30	10	515000	24@0	DFT_QPSK	8.620	9.180	PASS
n38	30	10	515000	24@0	DFT_QAM16	8.610	9.160	PASS
n38	30	10	515000	24@0	DFT_QAM64	8.620	9.200	PASS
n38	30	10	515000	24@0	DFT_QAM256	8.620	9.200	PASS
n38	30	10	515000	24@0	CP_QPSK	8.610	9.220	PASS
n38	30	10	519000	24@0	DFT_BPSK	8.610	9.150	PASS
n38	30	10	519000	24@0	DFT_QPSK	8.620	9.180	PASS
n38	30	10	519000	24@0	DFT_QAM16	8.620	9.210	PASS
n38	30	10	519000	24@0	DFT_QAM64	8.640	9.180	PASS
n38	30	10	519000	24@0	DFT_QAM256	8.620	9.240	PASS
n38	30	10	519000	24@0	CP_QPSK	8.610	9.210	PASS
n38	30	10	523000	24@0	DFT_BPSK	8.610	9.180	PASS
n38	30	10	523000	24@0	DFT_QPSK	8.650	9.240	PASS
n38	30	10	523000	24@0	DFT_QAM16	8.640	9.220	PASS
n38	30	10	523000	24@0	DFT_QAM64	8.650	9.190	PASS
n38	30	10	523000	24@0	DFT_QAM256	8.620	9.170	PASS
n38	30	10	523000	24@0	CP_QPSK	8.620	9.210	PASS
n38	30	15	515500	36@0	DFT_BPSK	13.500	13.740	PASS
n38	30	15	515500	36@0	DFT_QPSK	13.510	13.740	PASS
n38	30	15	515500	36@0	DFT_QAM16	13.470	13.710	PASS
n38	30	15	515500	36@0	DFT_QAM64	13.410	13.710	PASS
n38	30	15	515500	36@0	DFT_QAM256	13.510	13.820	PASS
n38	30	15	515500	38@0	CP_QPSK	13.640	14.420	PASS
n38	30	15	519000	36@0	DFT_BPSK	13.510	13.760	PASS
n38	30	15	519000	36@0	DFT_QPSK	13.520	13.760	PASS
n38	30	15	519000	36@0	DFT_QAM16	13.510	13.710	PASS
n38	30	15	519000	36@0	DFT_QAM64	13.510	13.740	PASS
n38	30	15	519000	36@0	DFT_QAM256	13.510	13.780	PASS
n38	30	15	519000	38@0	CP_QPSK	13.630	14.450	PASS
n38	30	15	522500	36@0	DFT_BPSK	13.530	13.700	PASS
n38	30	15	522500	36@0	DFT_QPSK	13.460	13.690	PASS
n38	30	15	522500	36@0	DFT_QAM16	13.520	13.730	PASS
n38	30	15	522500	36@0	DFT_QAM64	13.500	13.720	PASS
n38	30	15	522500	36@0	DFT_QAM256	13.570	13.720	PASS
n38	30	15	522500	38@0	CP_QPSK	13.640	14.410	PASS
n38	30	20	516000	50@0	DFT_BPSK	18.020	18.900	PASS
n38	30	20	516000	50@0	DFT_QPSK	18.020	18.920	PASS

n38	30	20	516000	50@0	DFT_QAM16	18.010	18.910	PASS
n38	30	20	516000	50@0	DFT_QAM64	18.020	18.930	PASS
n38	30	20	516000	50@0	DFT_QAM256	18.030	18.940	PASS
n38	30	20	516000	51@0	CP_QPSK	18.270	19.300	PASS
n38	30	20	519000	50@0	DFT_BPSK	18.030	18.900	PASS
n38	30	20	519000	50@0	DFT_QPSK	18.040	18.940	PASS
n38	30	20	519000	50@0	DFT_QAM16	18.030	18.920	PASS
n38	30	20	519000	50@0	DFT_QAM64	18.030	18.940	PASS
n38	30	20	519000	50@0	DFT_QAM256	18.100	18.920	PASS
n38	30	20	519000	51@0	CP_QPSK	18.260	19.280	PASS
n38	30	20	522000	50@0	DFT_BPSK	18.110	18.920	PASS
n38	30	20	522000	50@0	DFT_QPSK	18.110	18.930	PASS
n38	30	20	522000	50@0	DFT_QAM16	18.090	18.910	PASS
n38	30	20	522000	50@0	DFT_QAM64	18.100	18.910	PASS
n38	30	20	522000	50@0	DFT_QAM256	18.110	18.930	PASS
n38	30	20	522000	51@0	CP_QPSK	18.270	19.310	PASS
n38	30	40	518000	100@0	DFT_BPSK	37.280	37.830	PASS
n38	30	40	518000	100@0	DFT_QPSK	37.310	37.840	PASS
n38	30	40	518000	100@0	DFT_QAM16	37.320	37.870	PASS
n38	30	40	518000	100@0	DFT_QAM64	37.350	37.860	PASS
n38	30	40	518000	100@0	DFT_QAM256	37.300	37.840	PASS
n38	30	40	518000	106@0	CP_QPSK	37.950	39.990	PASS
n38	30	40	519000	100@0	DFT_BPSK	37.340	37.850	PASS
n38	30	40	519000	100@0	DFT_QPSK	37.350	37.820	PASS
n38	30	40	519000	100@0	DFT_QAM16	37.340	37.830	PASS
n38	30	40	519000	100@0	DFT_QAM64	37.360	37.860	PASS
n38	30	40	519000	100@0	DFT_QAM256	37.330	37.820	PASS
n38	30	40	519000	106@0	CP_QPSK	37.940	39.990	PASS
n38	30	40	520000	100@0	DFT_BPSK	37.340	37.820	PASS
n38	30	40	520000	100@0	DFT_QPSK	37.460	37.830	PASS
n38	30	40	520000	100@0	DFT_QAM16	37.450	37.840	PASS
n38	30	40	520000	100@0	DFT_QAM64	37.480	37.860	PASS
n38	30	40	520000	100@0	DFT_QAM256	37.450	37.820	PASS
n38	30	40	520000	106@0	CP_QPSK	37.940	40.010	PASS

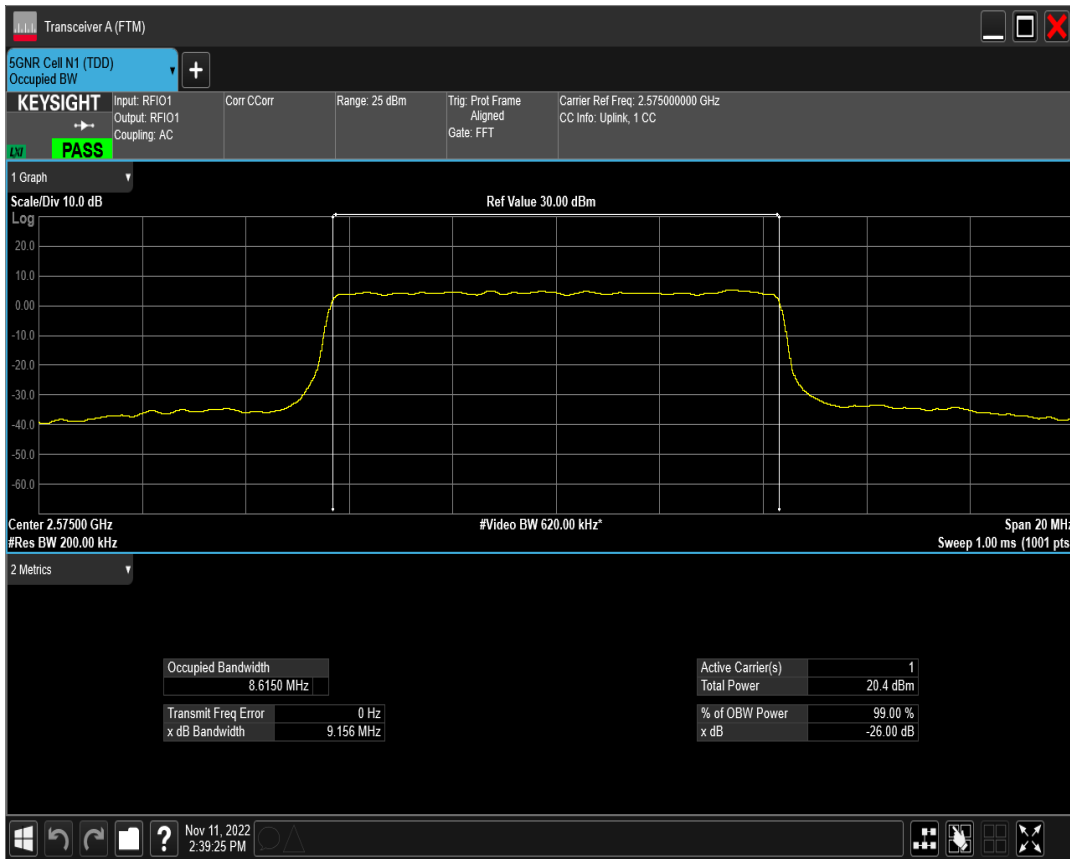
n38 SCS=30kHz DFT\_BPSK BW=10MHz Channel=515000 RB=24@0



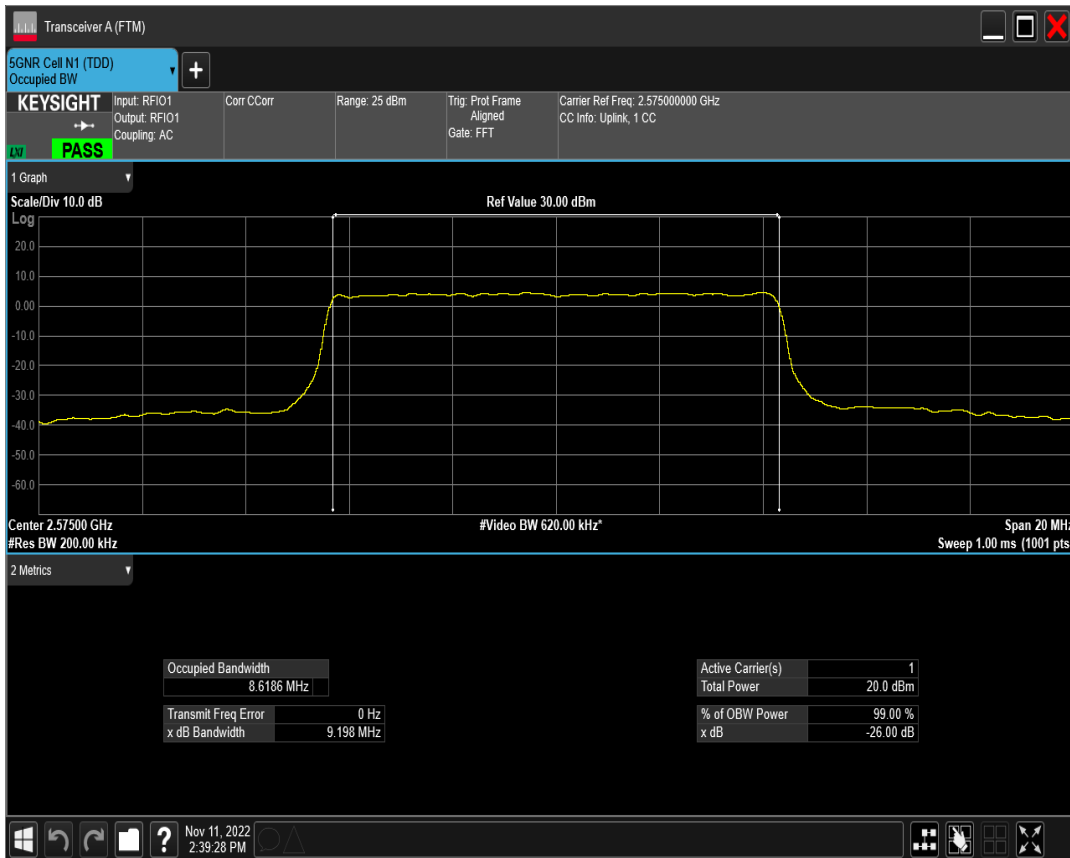
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=515000 RB=24@0



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

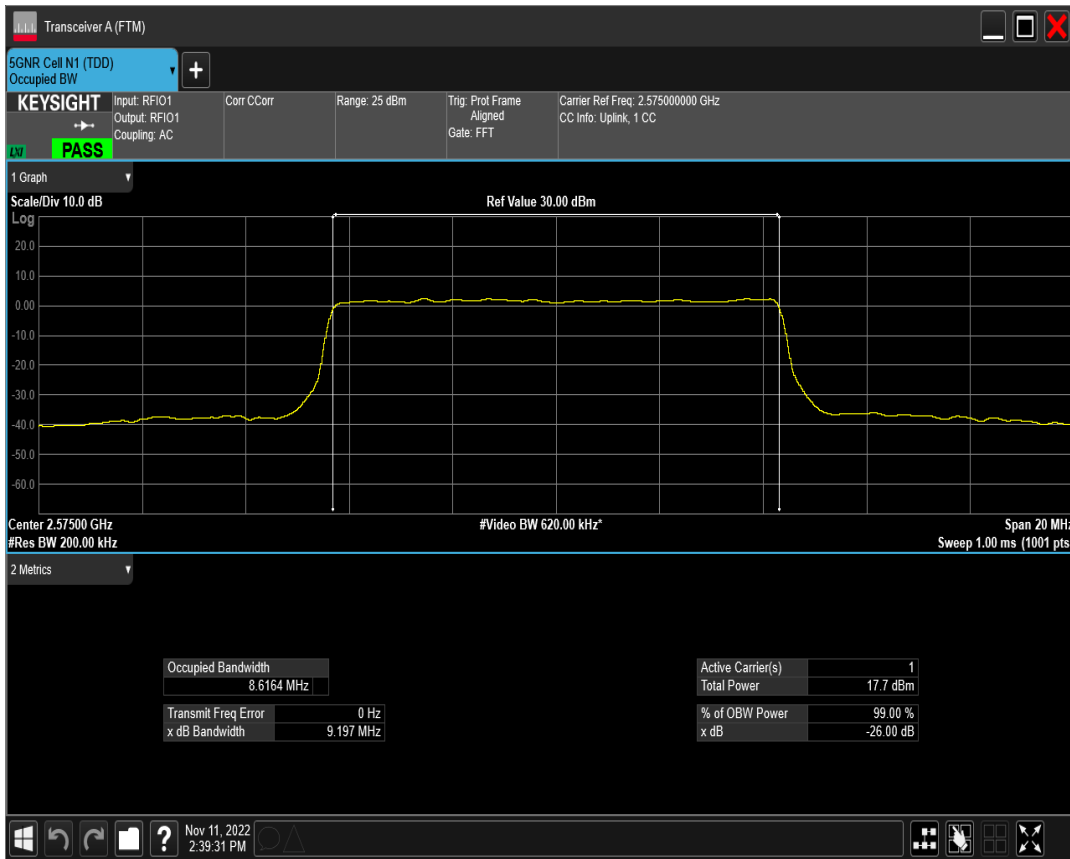


n38 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=515000 RB=24@0

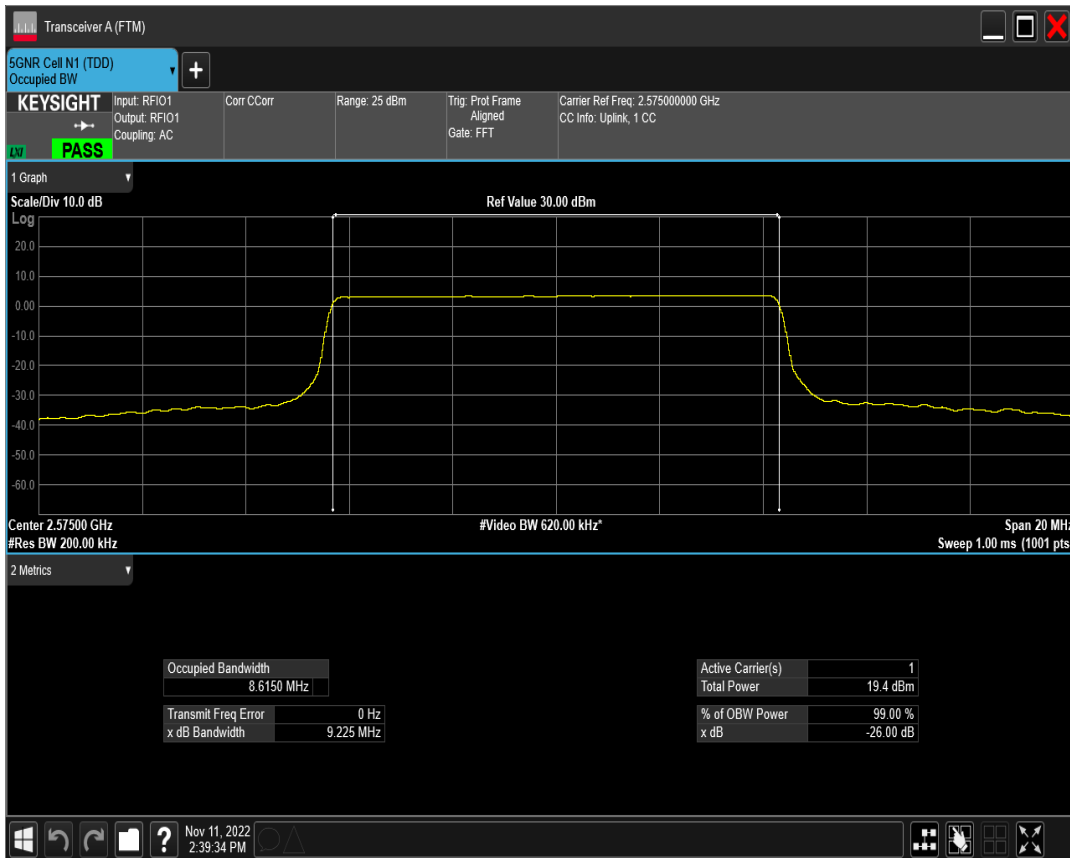




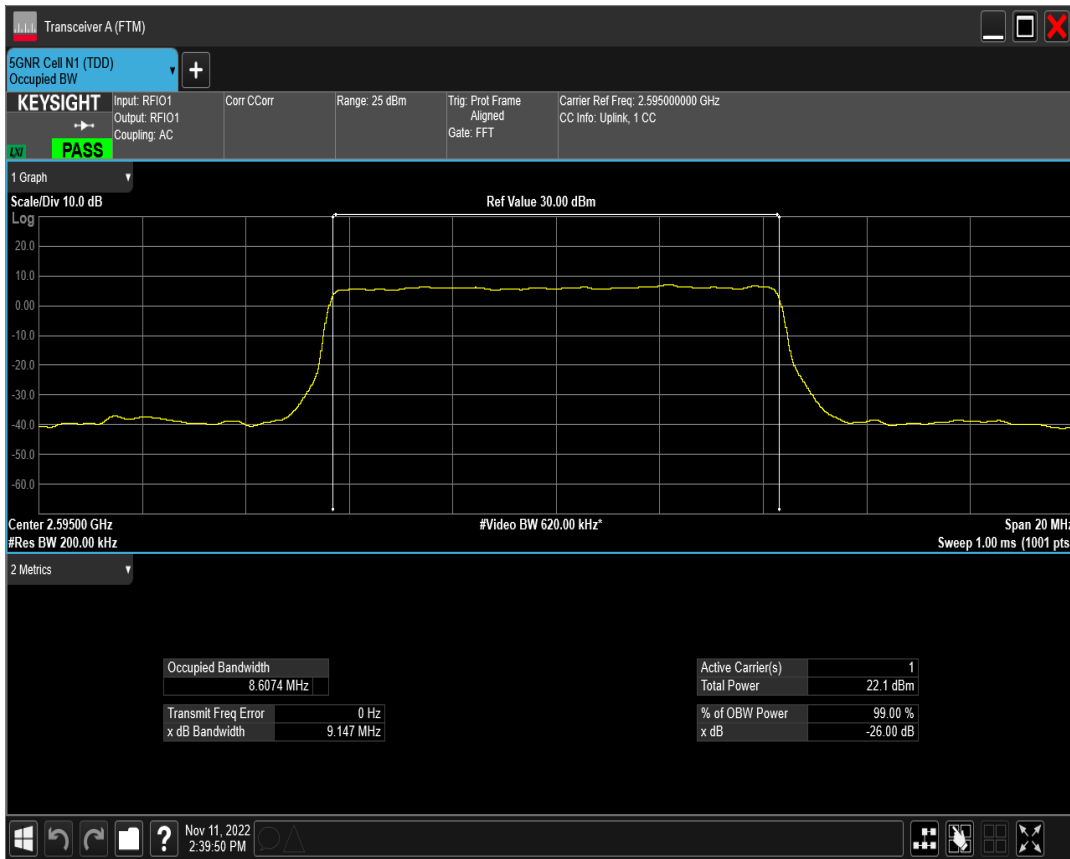
n38 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=515000 RB=24@0



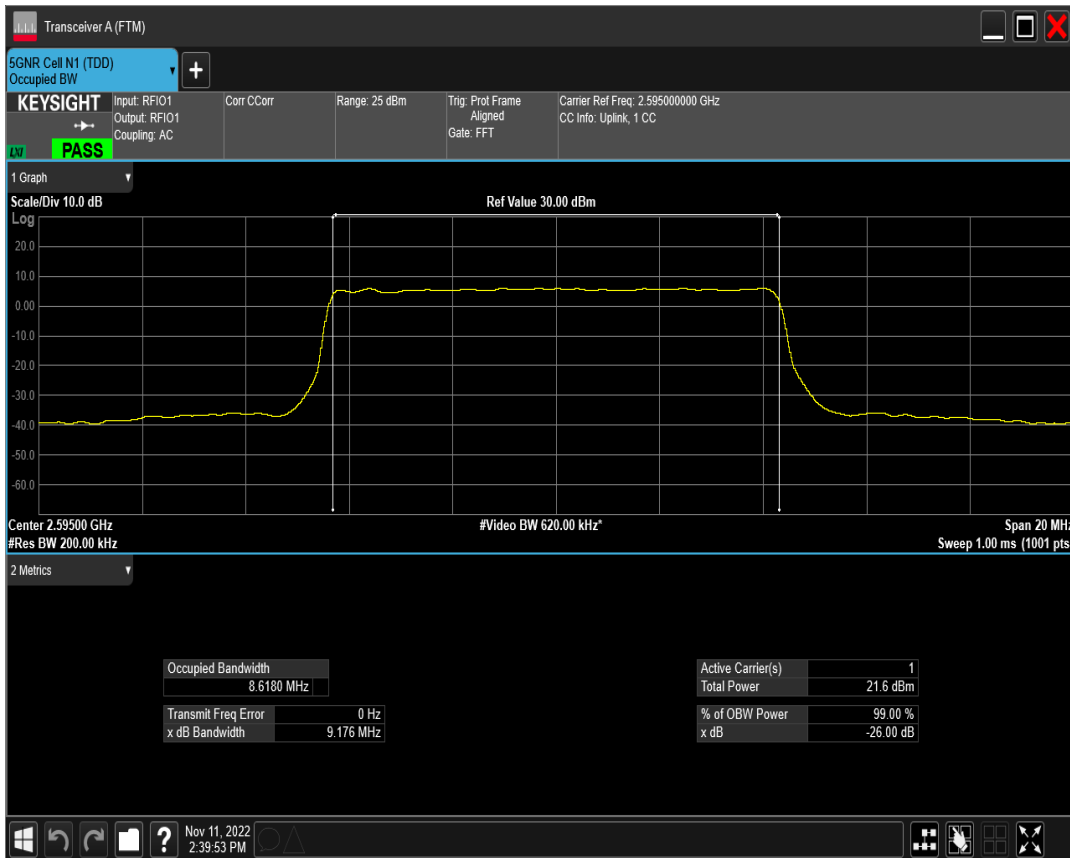
n38 SCS=30kHz CP\_QPSK BW=10MHz Channel=515000 RB=24@0



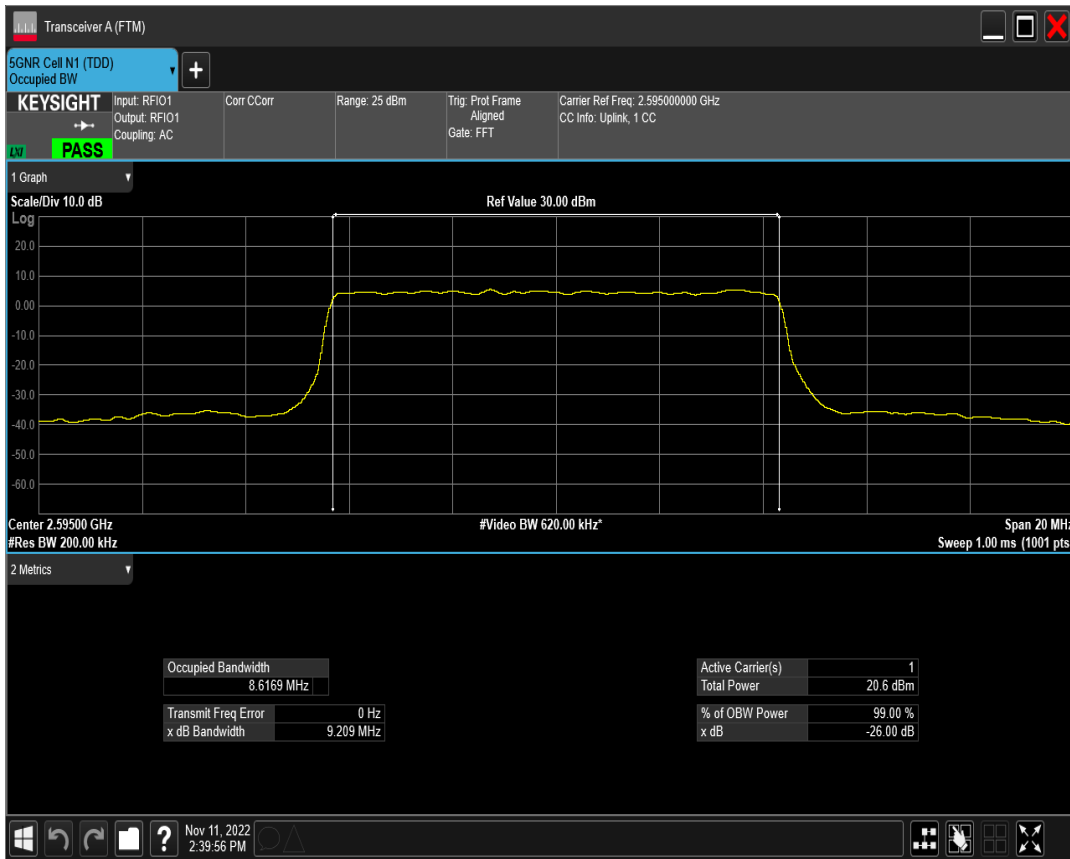
n38 SCS=30kHz DFT\_BPSK BW=10MHz Channel=519000 RB=24@0



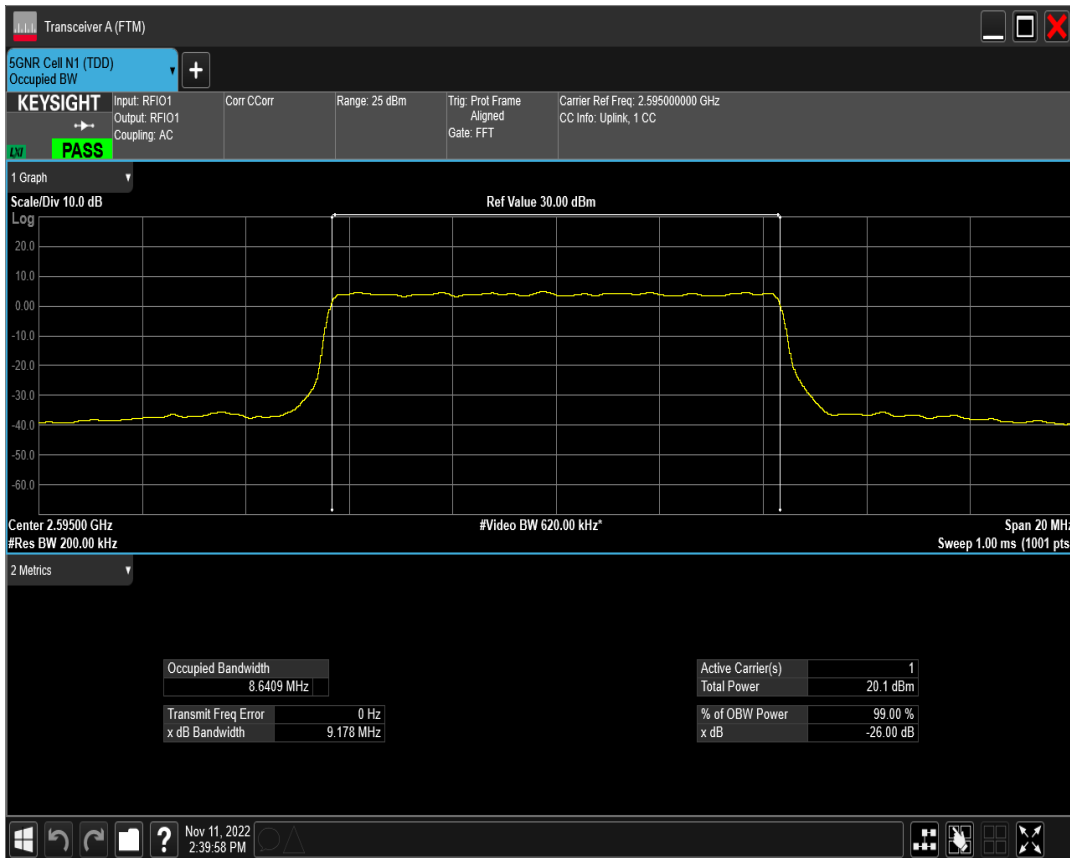
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=519000 RB=24@0



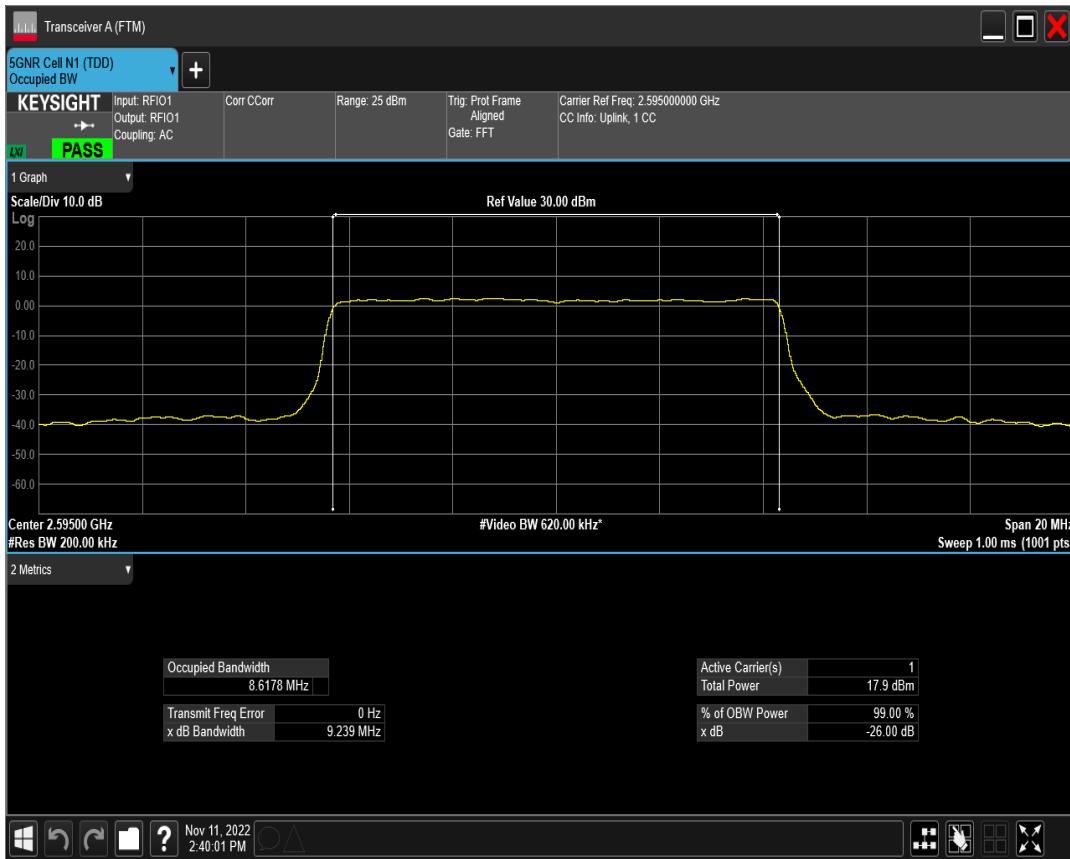
n38 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=519000 RB=24@0



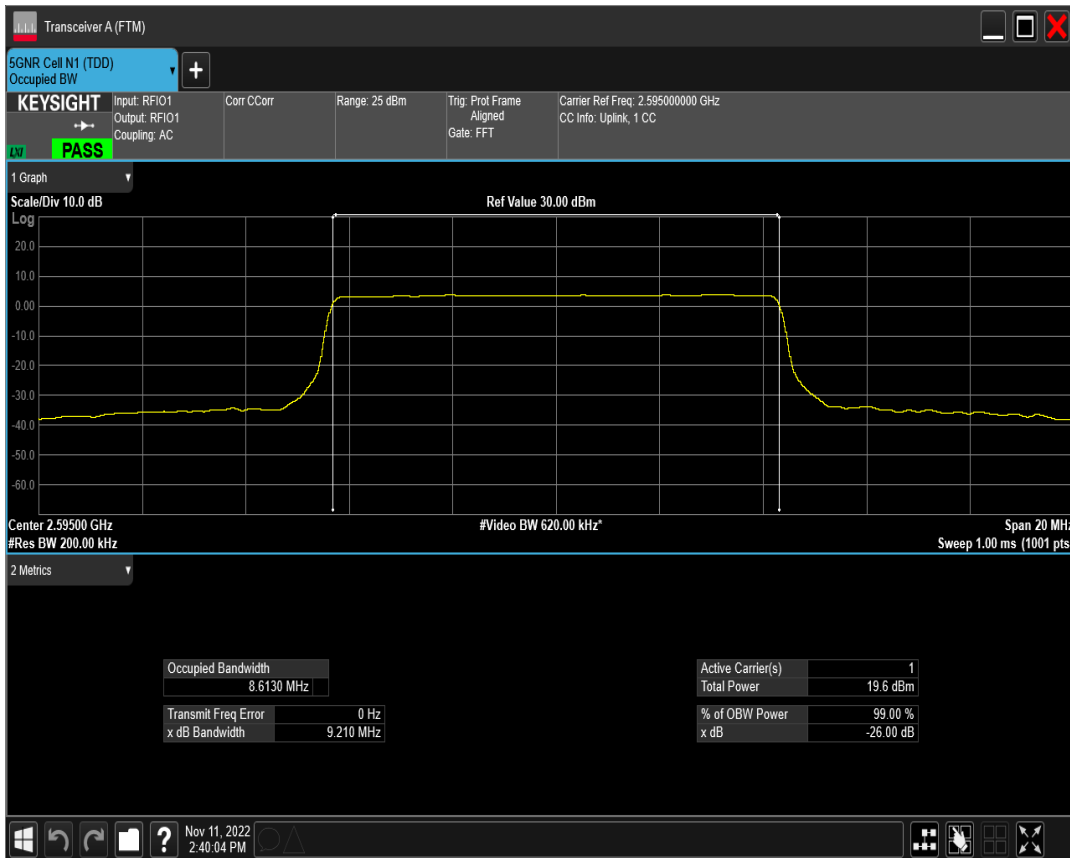
n38 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=519000 RB=24@0



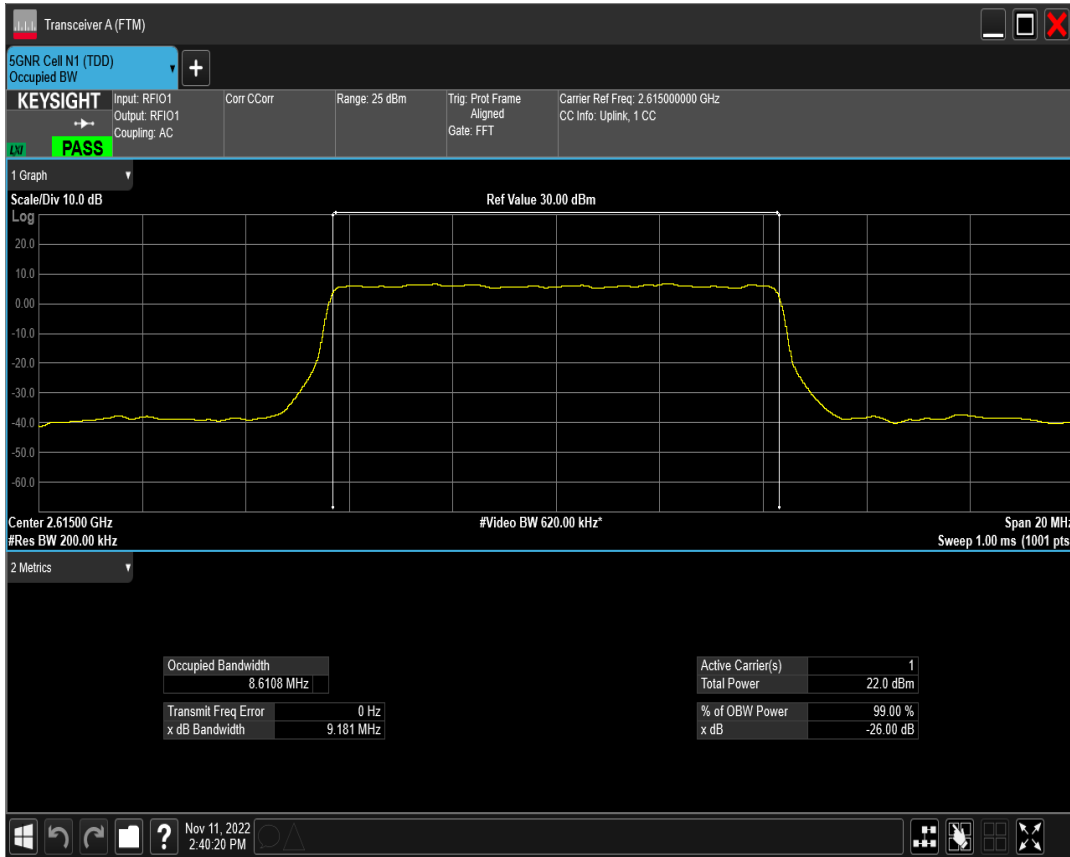
n38 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=519000 RB=24@0



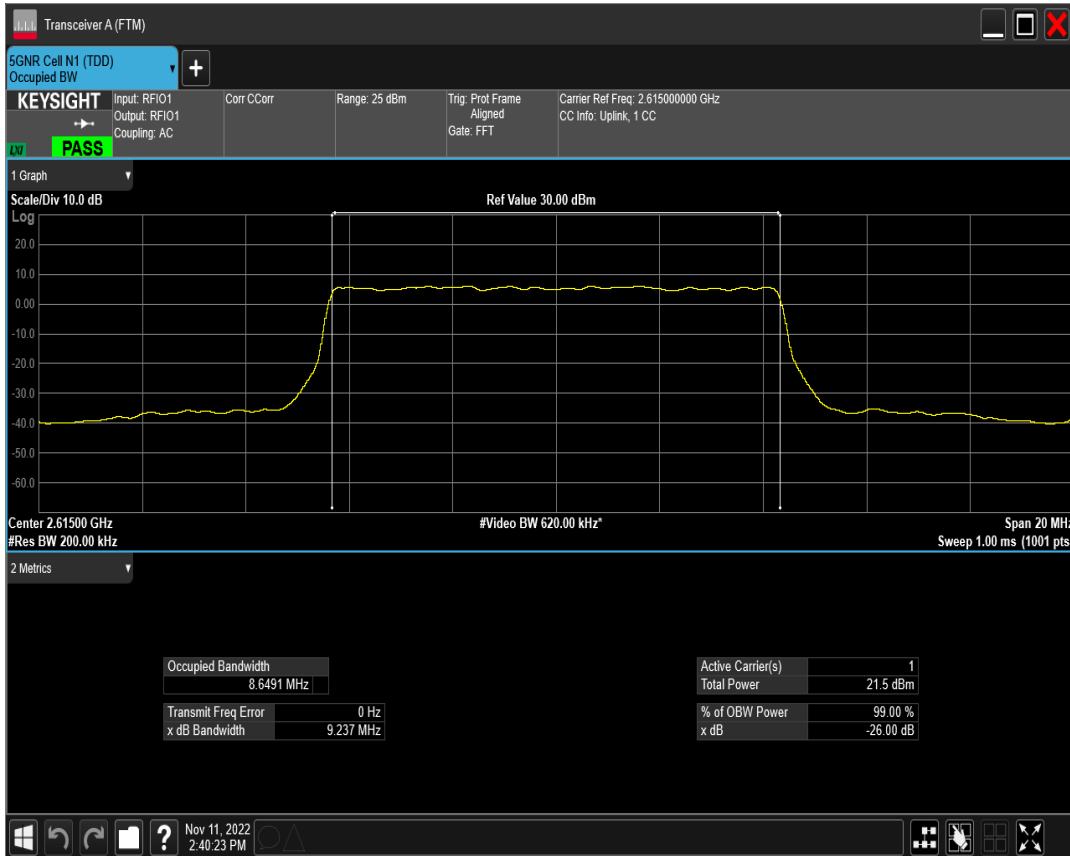
n38 SCS=30kHz CP\_QPSK BW=10MHz Channel=519000 RB=24@0



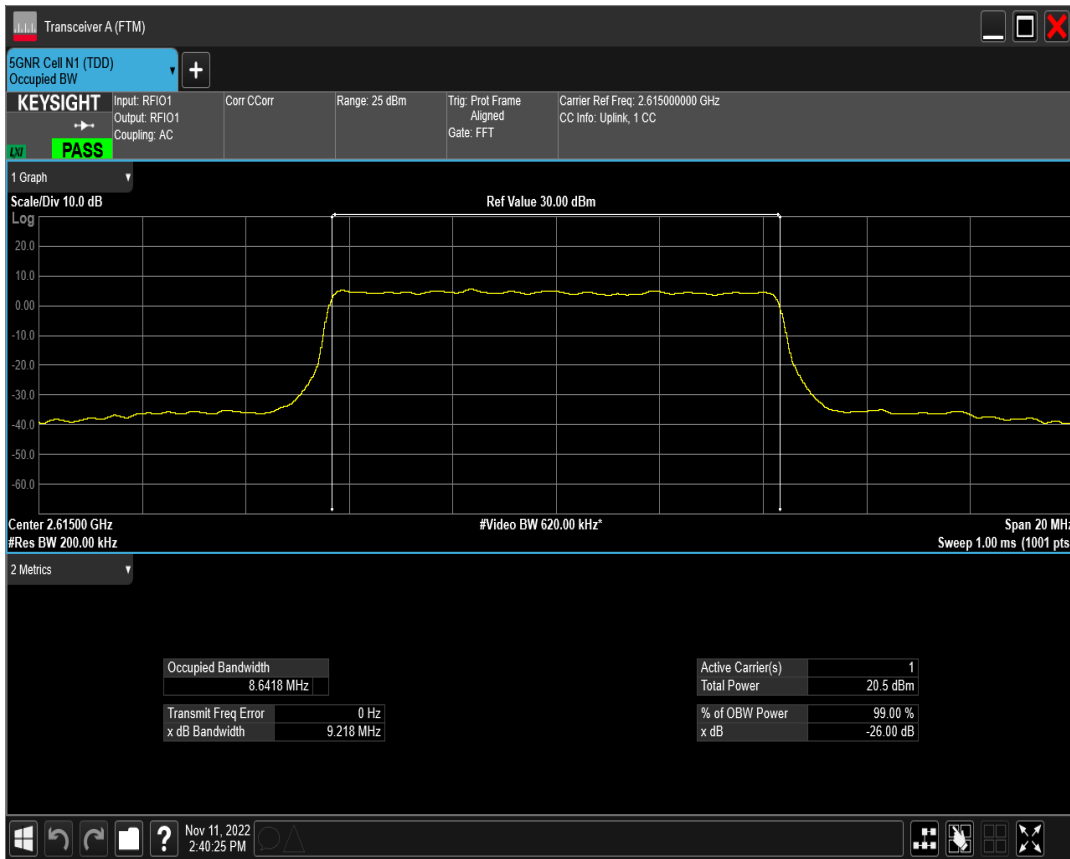
n38 SCS=30kHz DFT\_BPSK BW=10MHz Channel=523000 RB=24@0



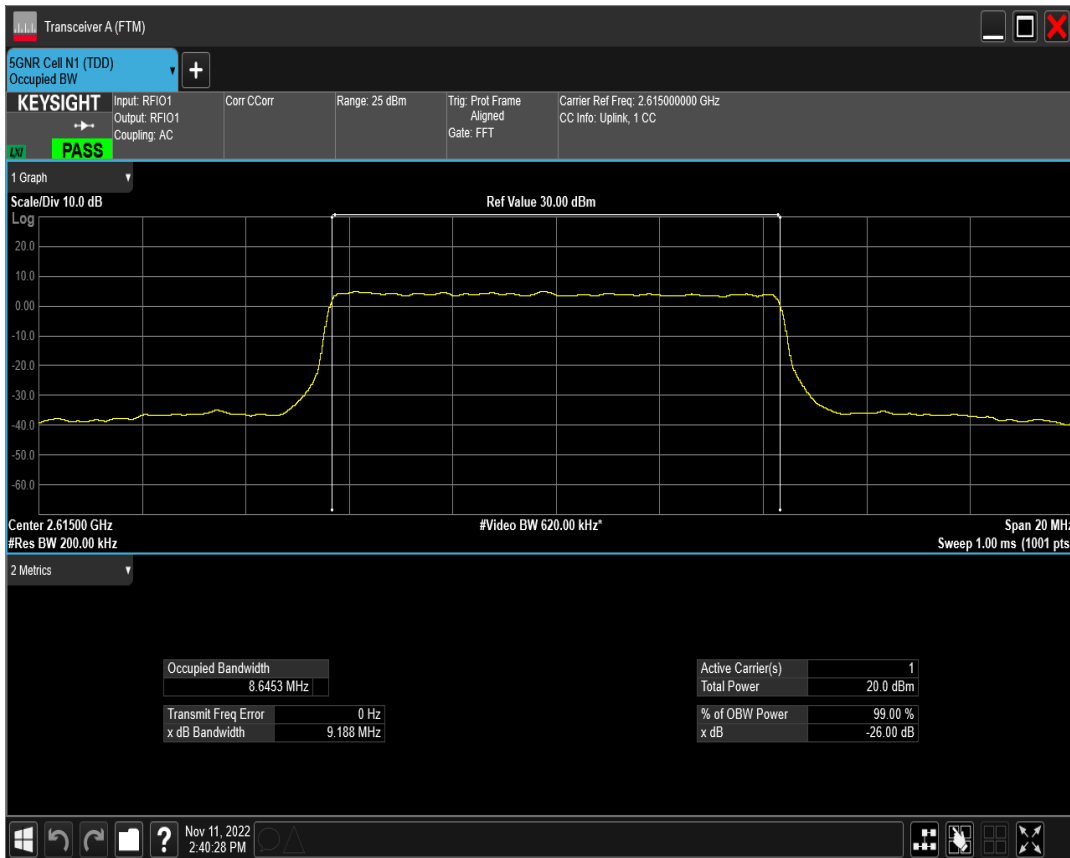
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=523000 RB=24@0



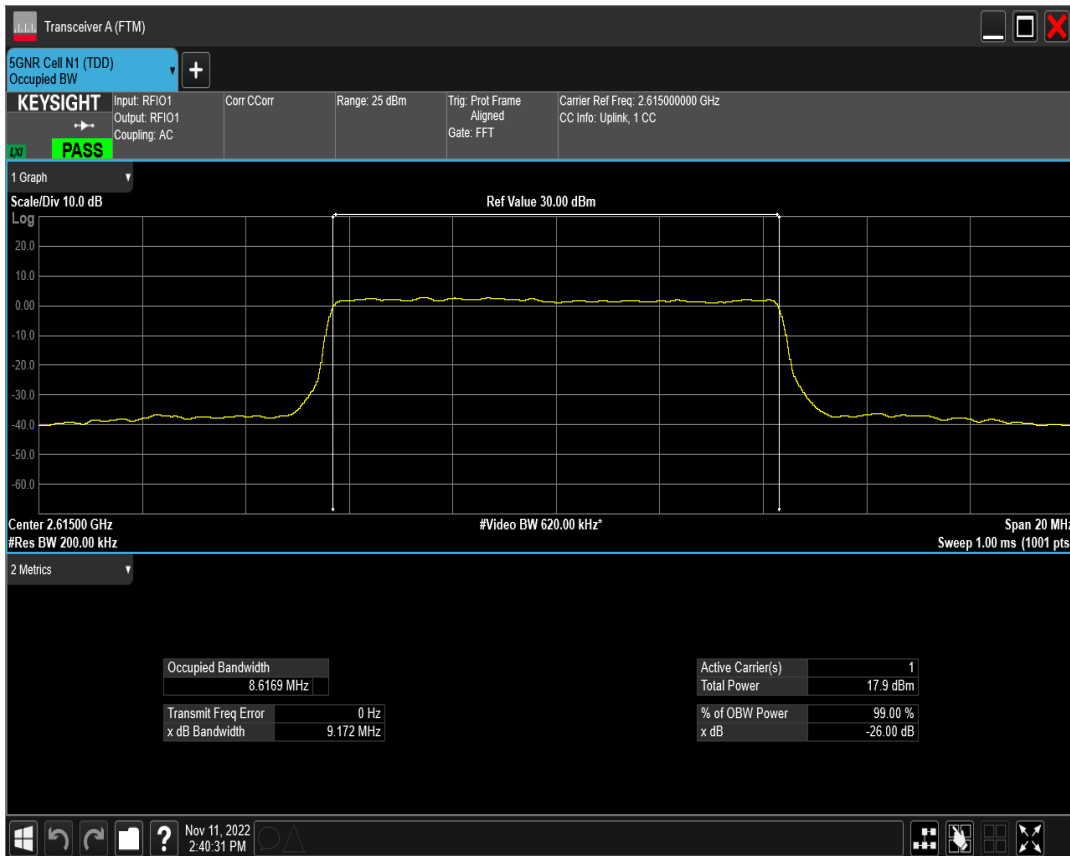
n38 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=523000 RB=24@0



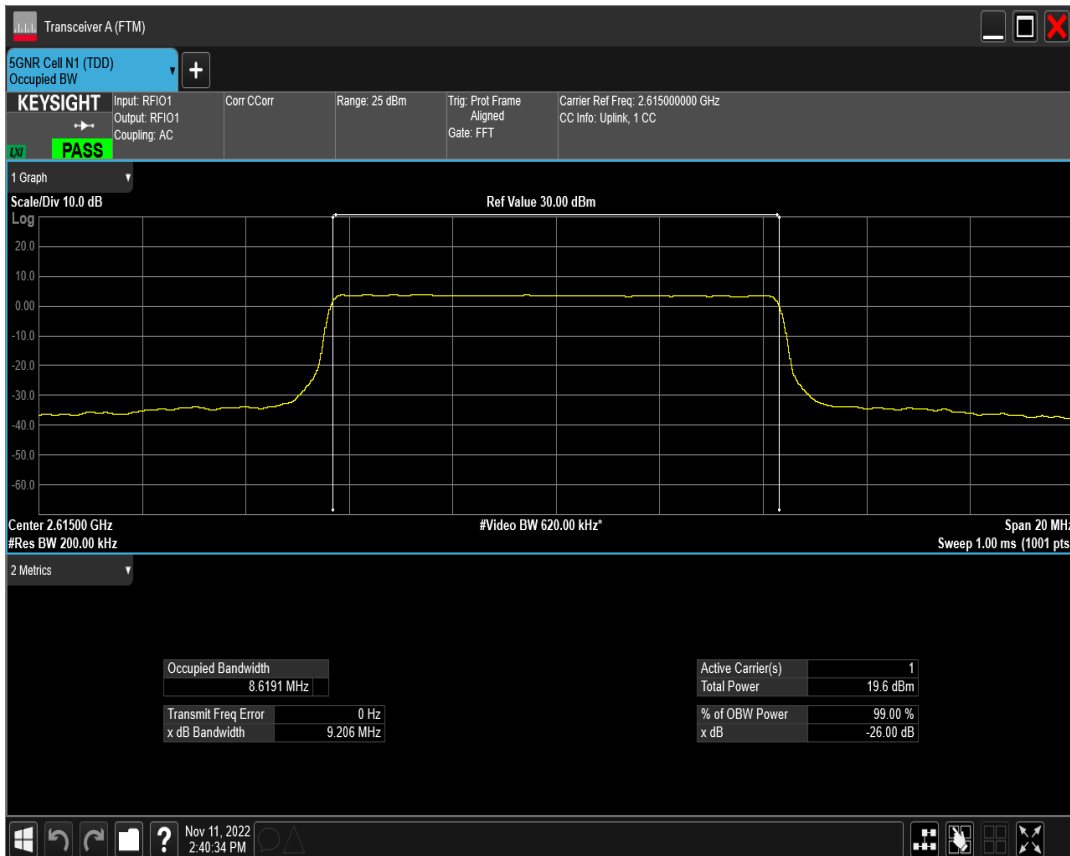
n38 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=523000 RB=24@0



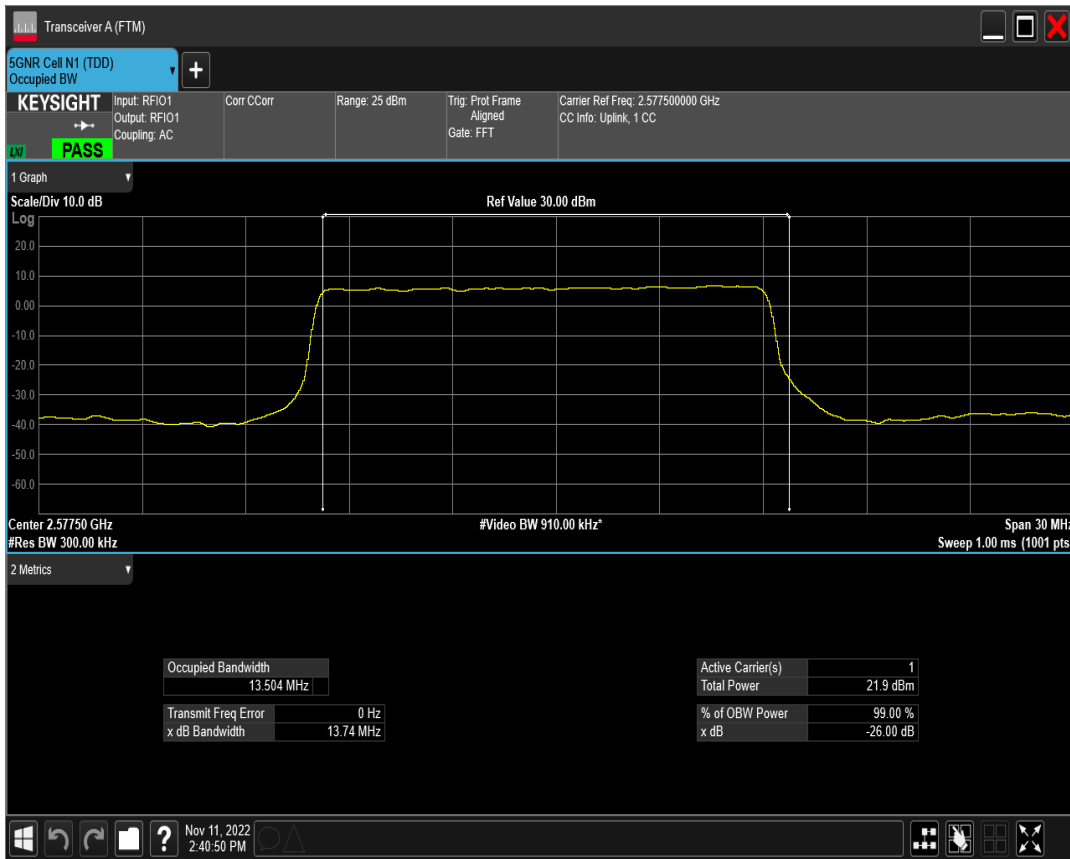
n38 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=523000 RB=24@0



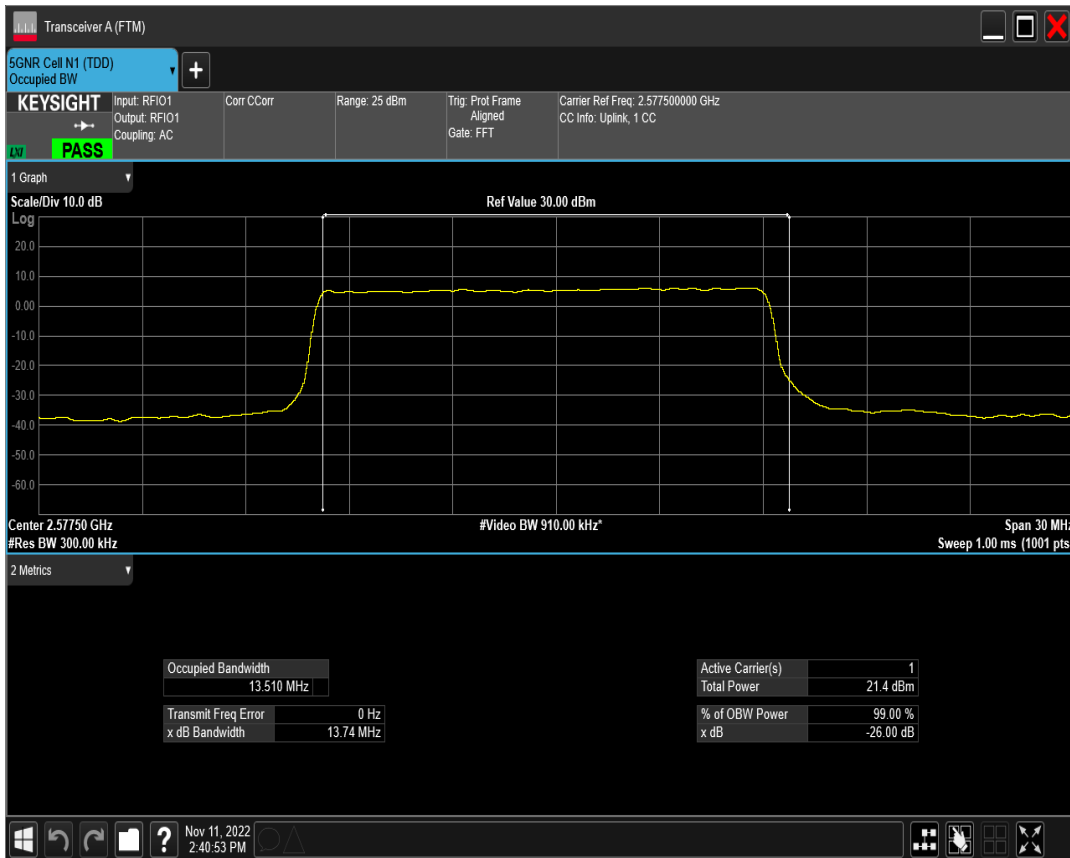
n38 SCS=30kHz CP\_QPSK BW=10MHz Channel=523000 RB=24@0



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



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

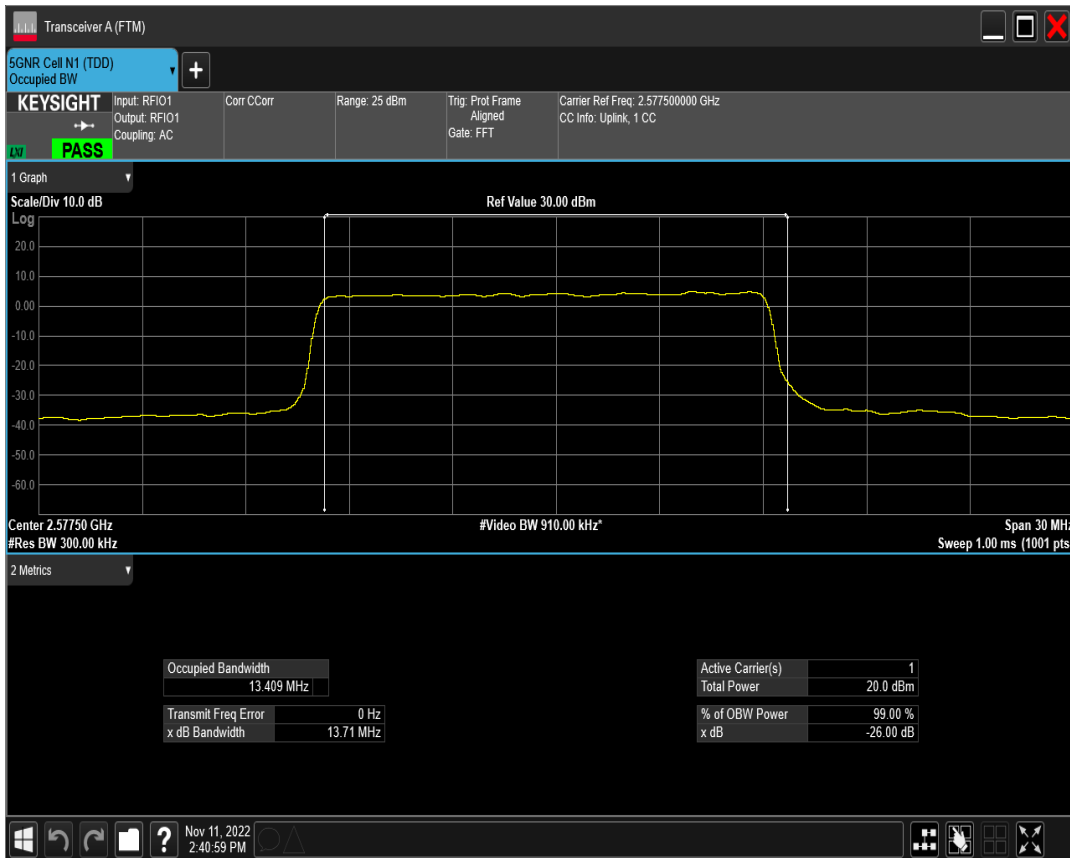




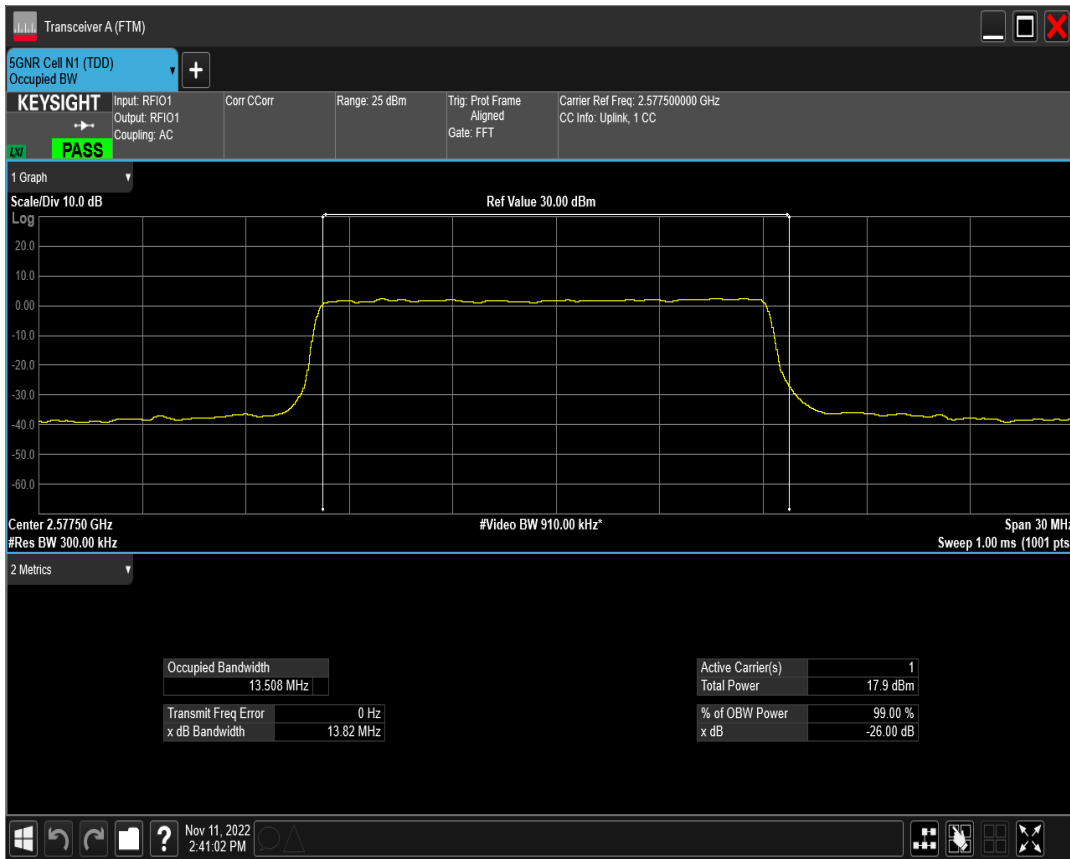
n38 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=515500 RB=36@0



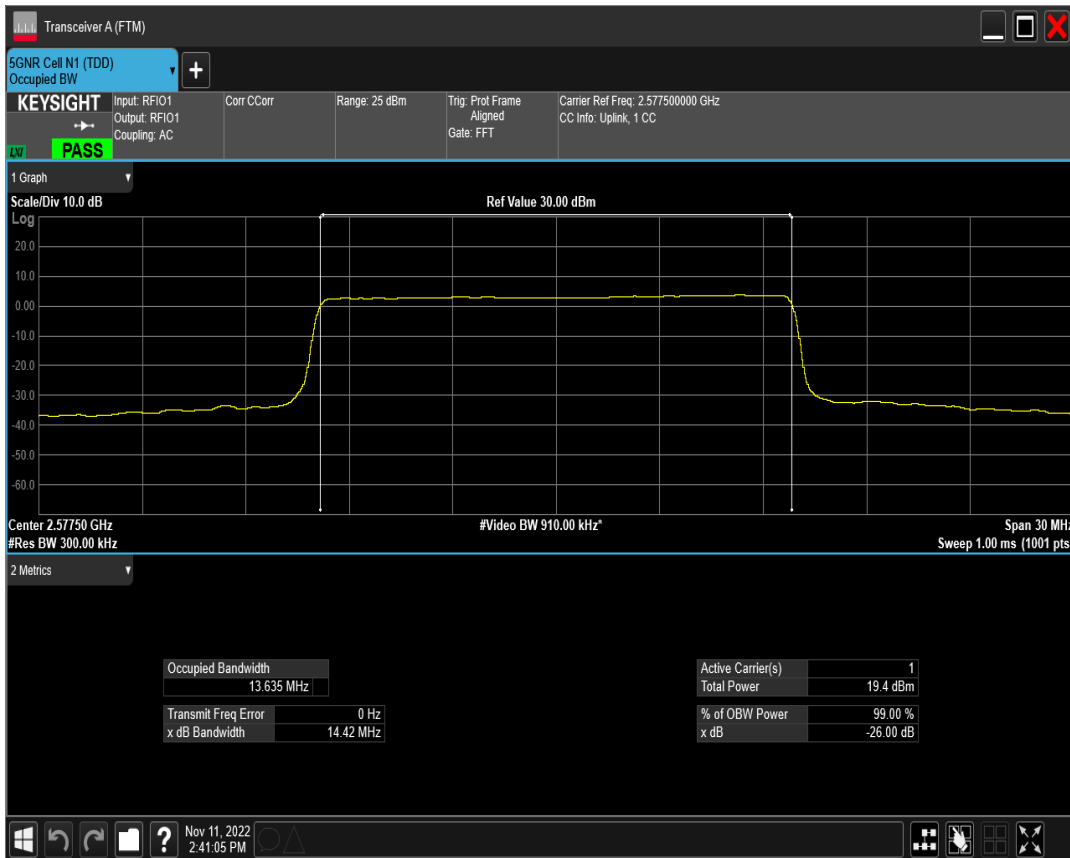
n38 SCS=30kHz DFT\_QAM64 BW=15MHz Channel=515500 RB=36@0



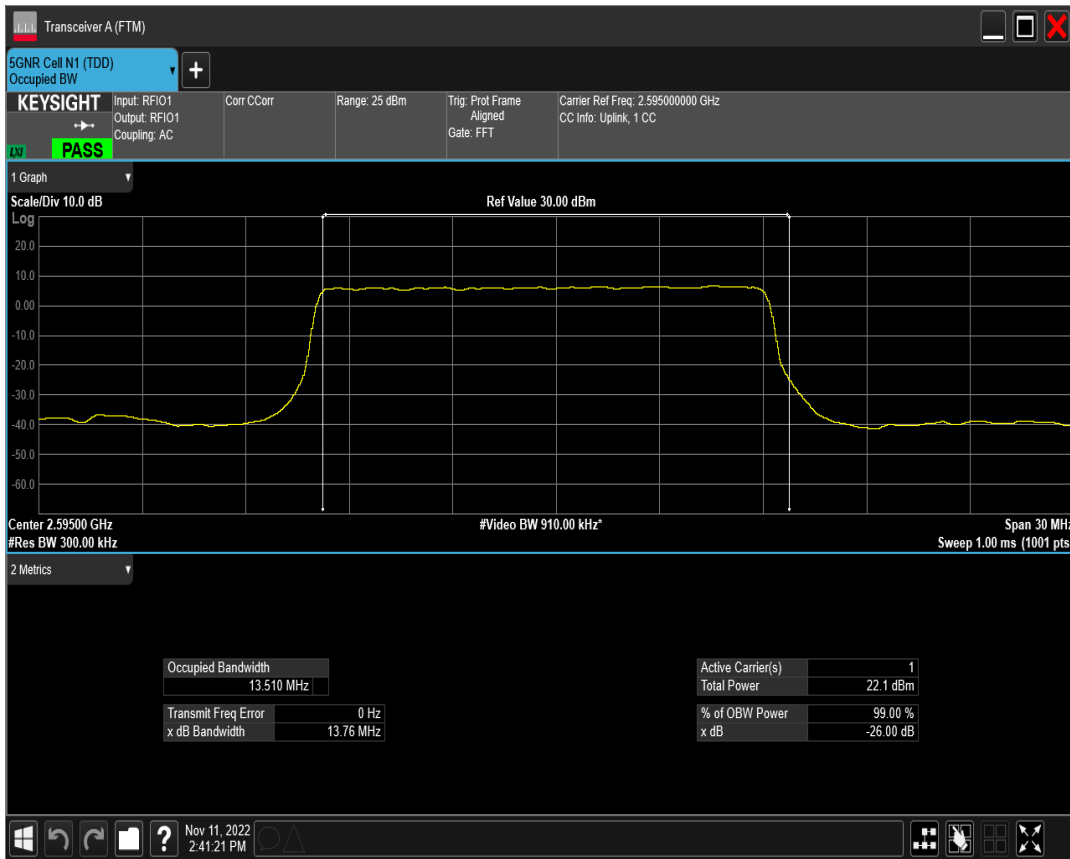
n38 SCS=30kHz DFT\_QAM256 BW=15MHz Channel=515500 RB=36@0



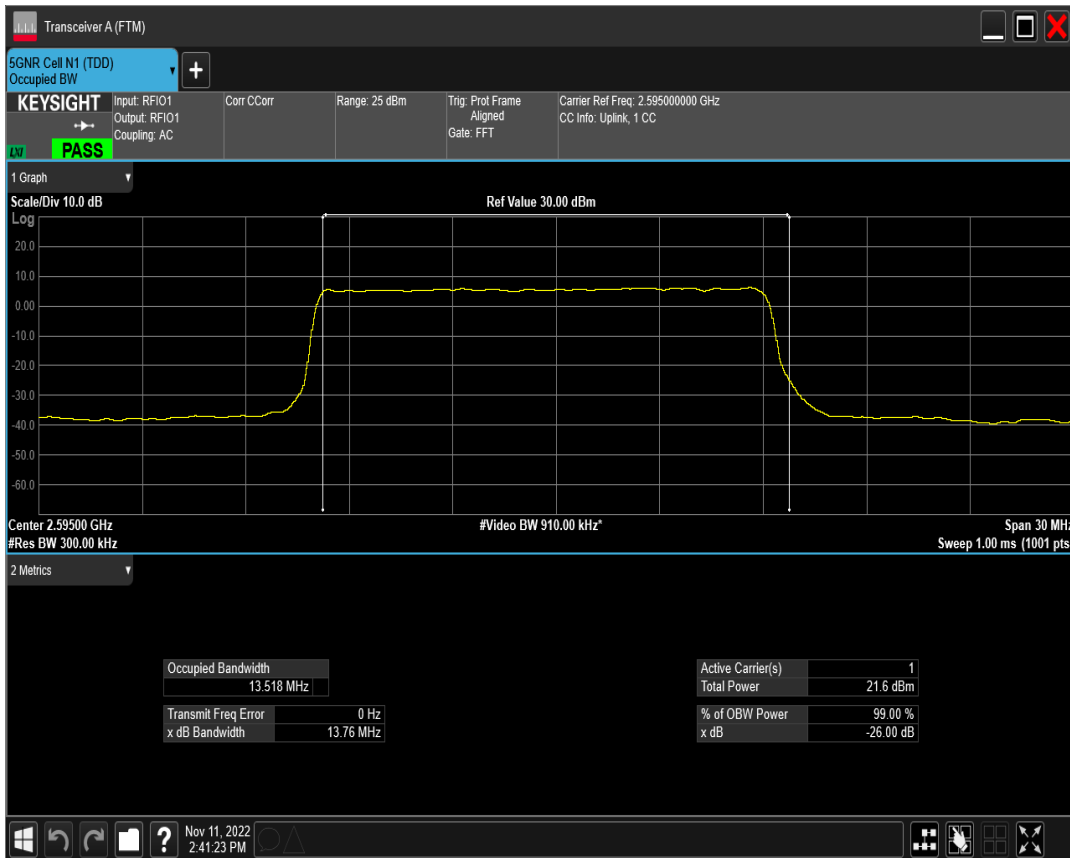
n38 SCS=30kHz CP\_QPSK BW=15MHz Channel=515500 RB=38@0



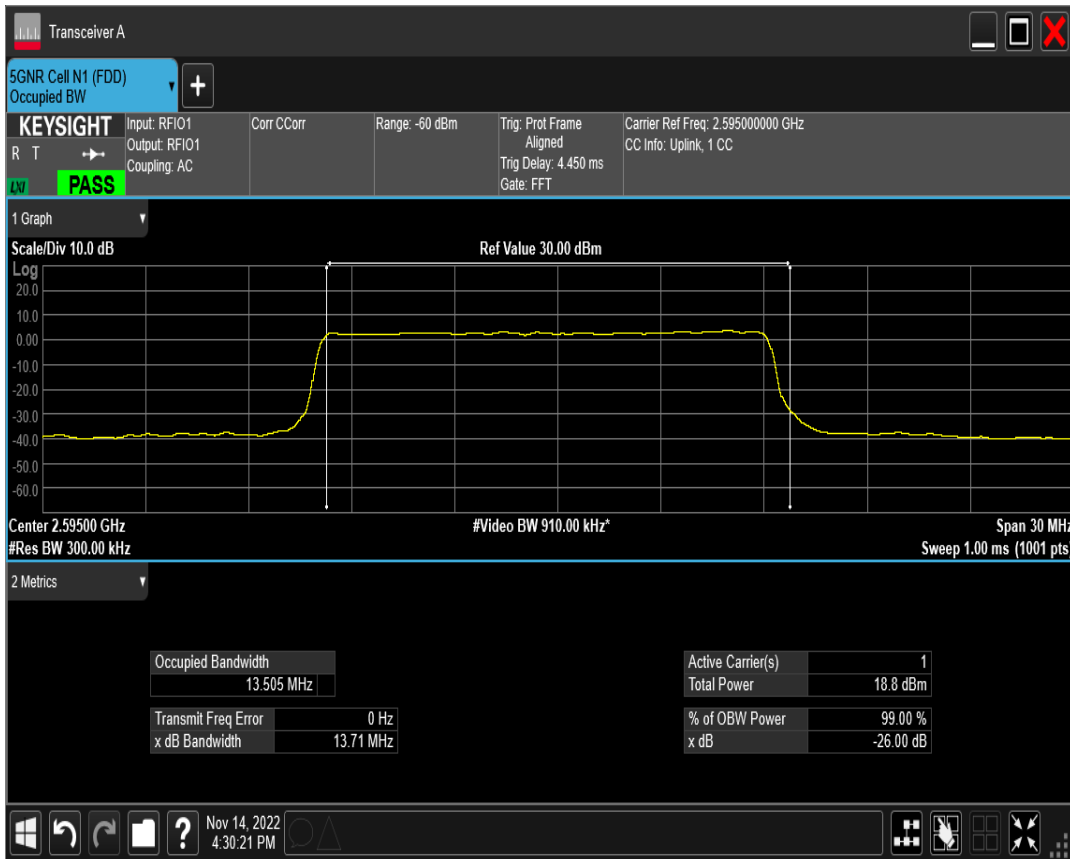
n38 SCS=30kHz DFT\_BPSK BW=15MHz Channel=519000 RB=36@0



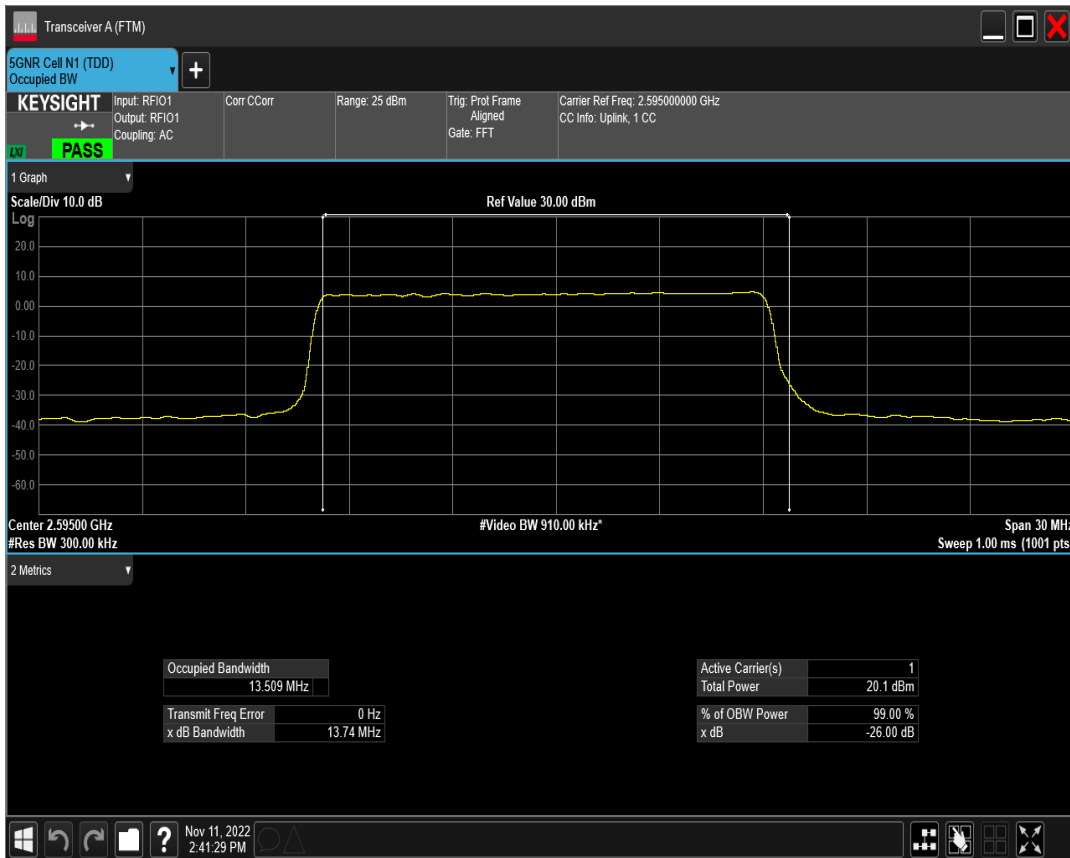
n38 SCS=30kHz DFT\_QPSK BW=15MHz Channel=519000 RB=36@0



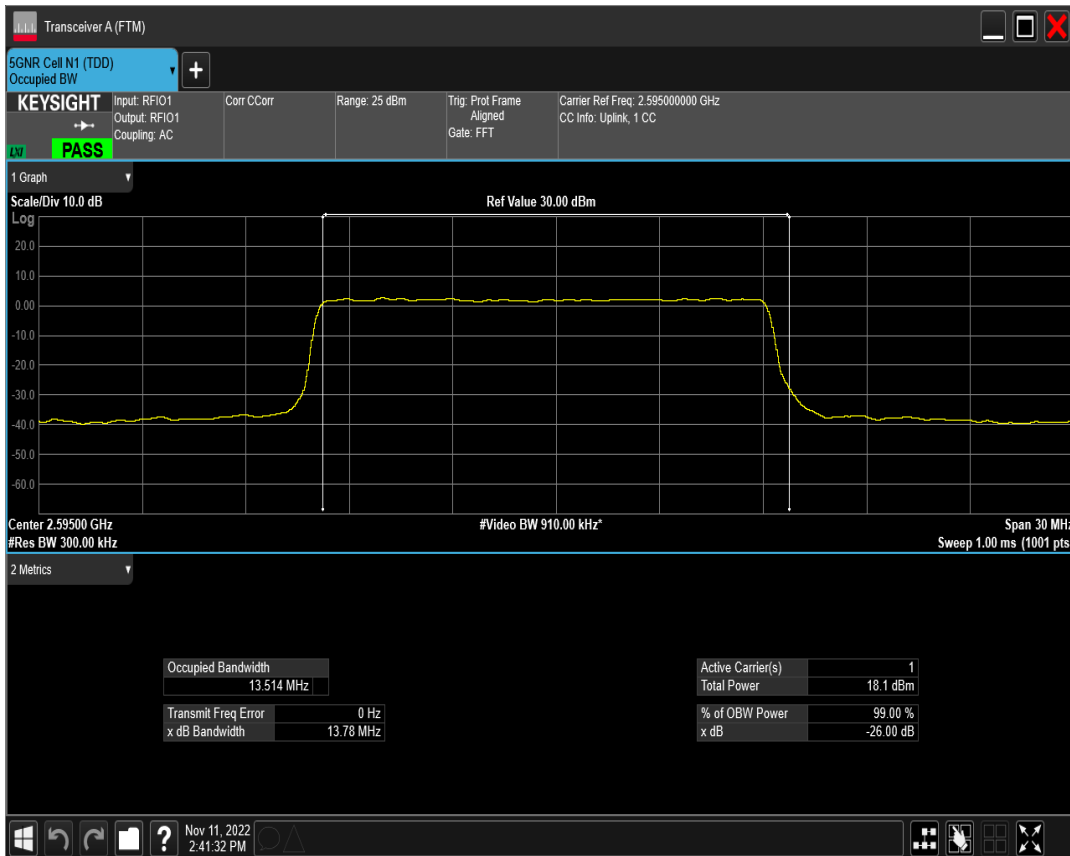
n38 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=519000 RB=36@0



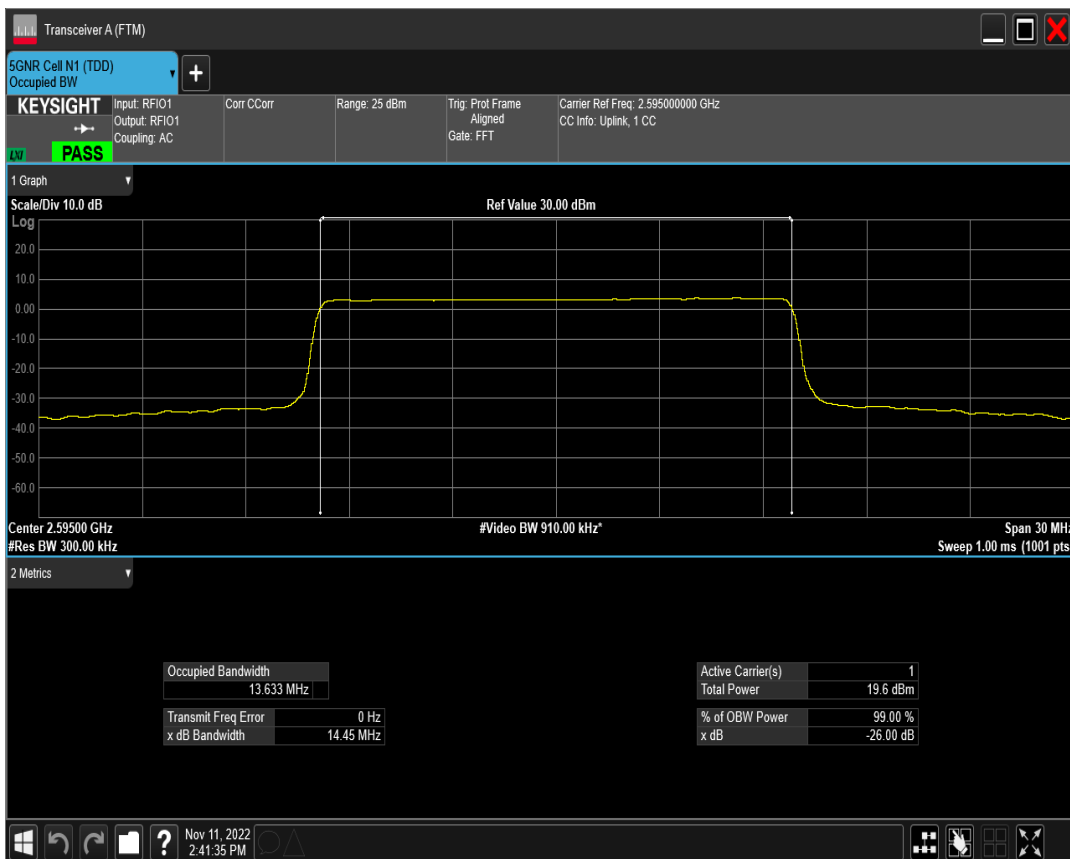
n38 SCS=30kHz DFT\_QAM64 BW=15MHz Channel=519000 RB=36@0



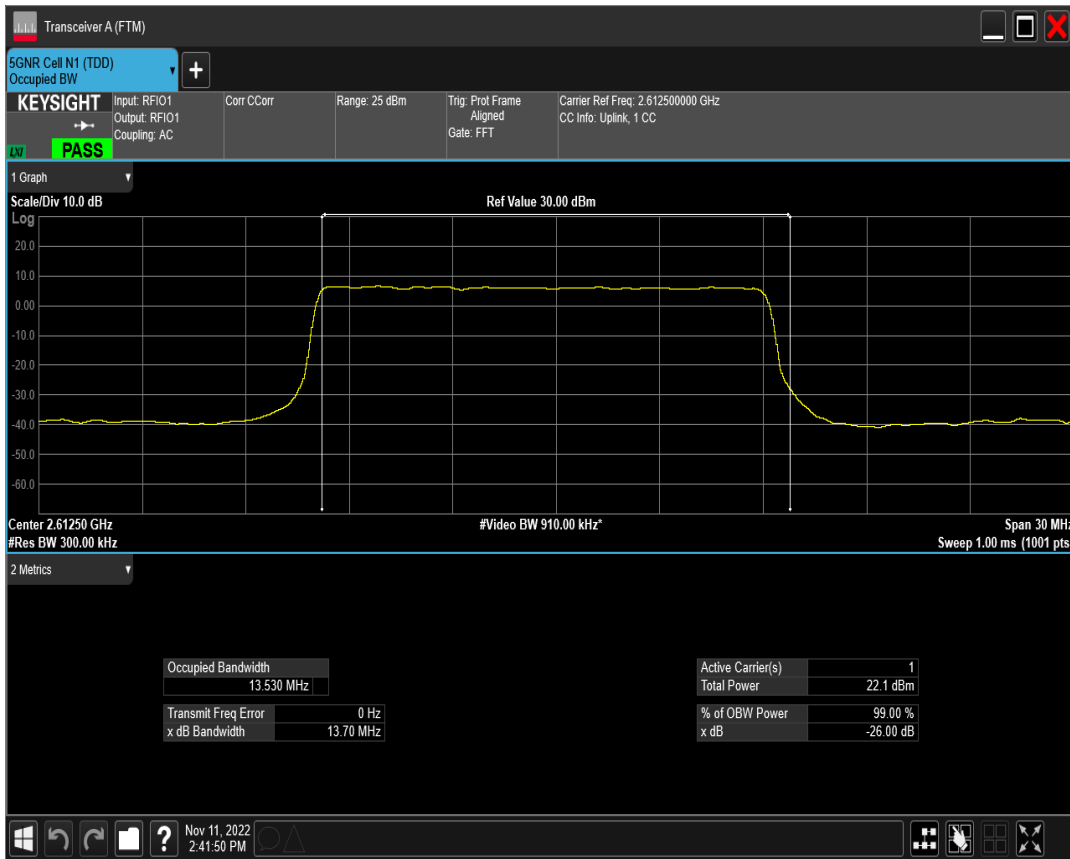
n38 SCS=30kHz DFT\_QAM256 BW=15MHz Channel=519000 RB=36@0



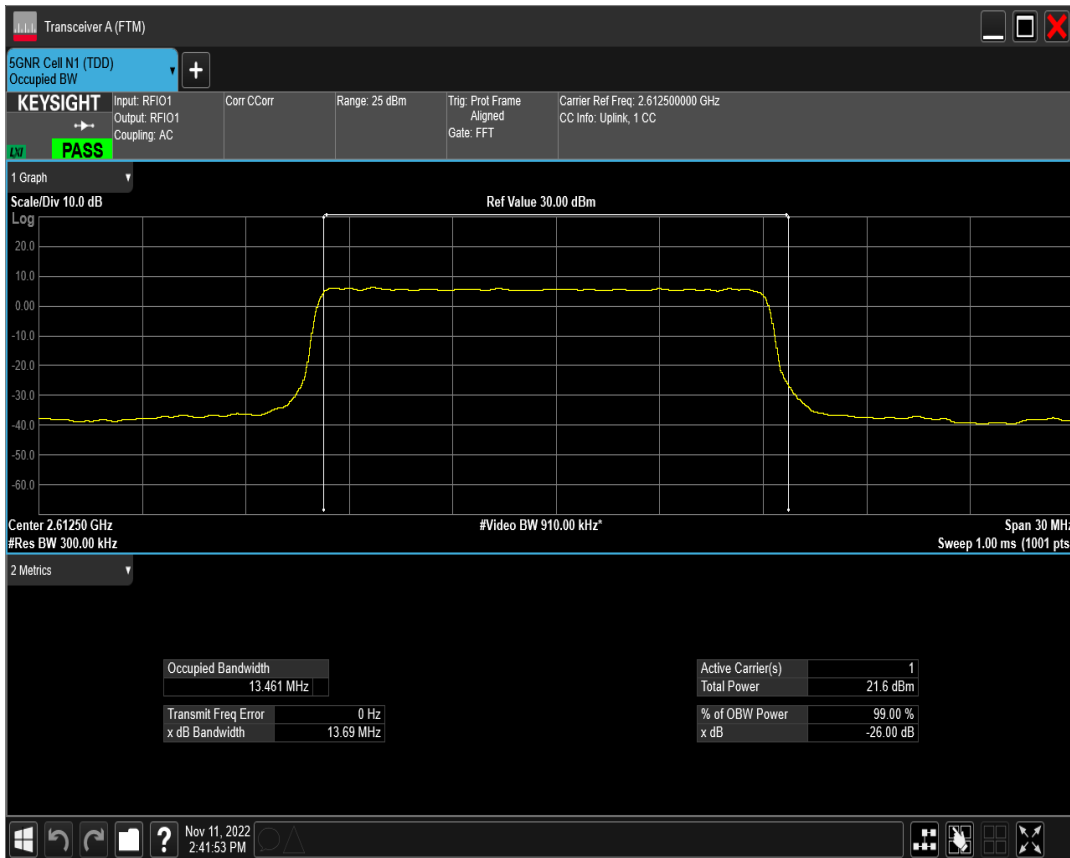
n38 SCS=30kHz CP\_QPSK BW=15MHz Channel=519000 RB=38@0



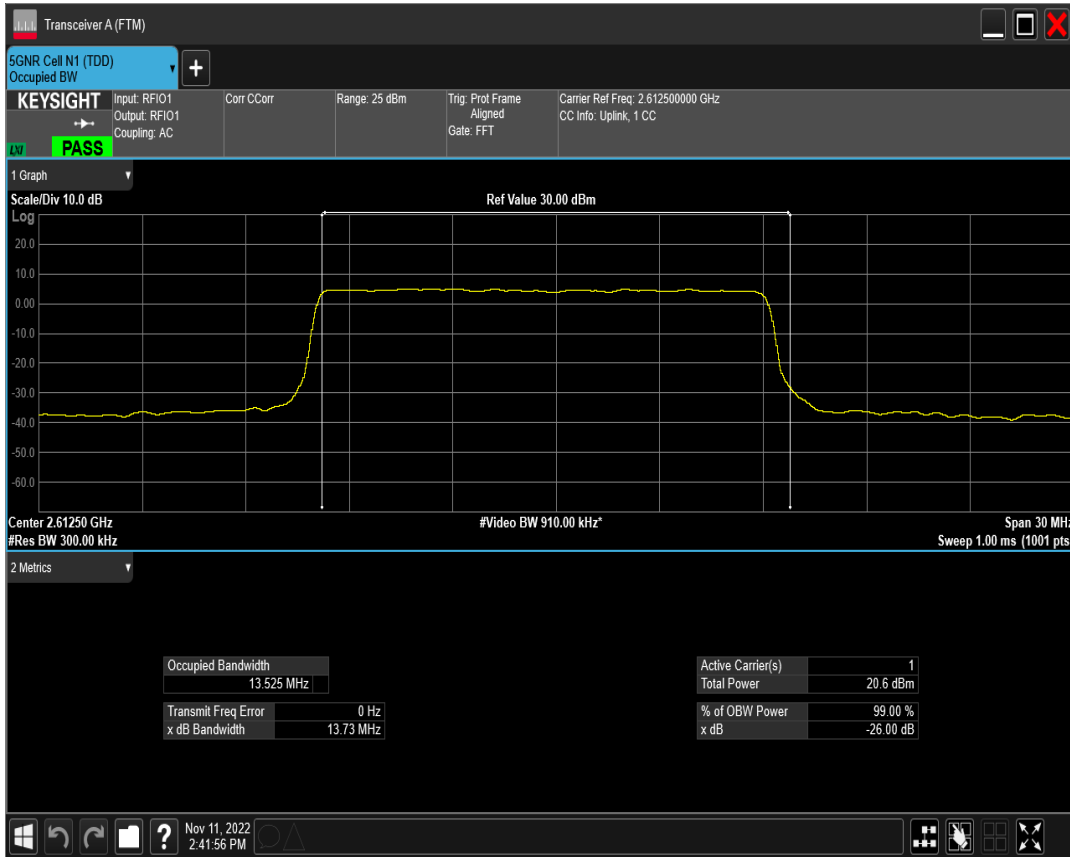
n38 SCS=30kHz DFT\_BPSK BW=15MHz Channel=522500 RB=36@0



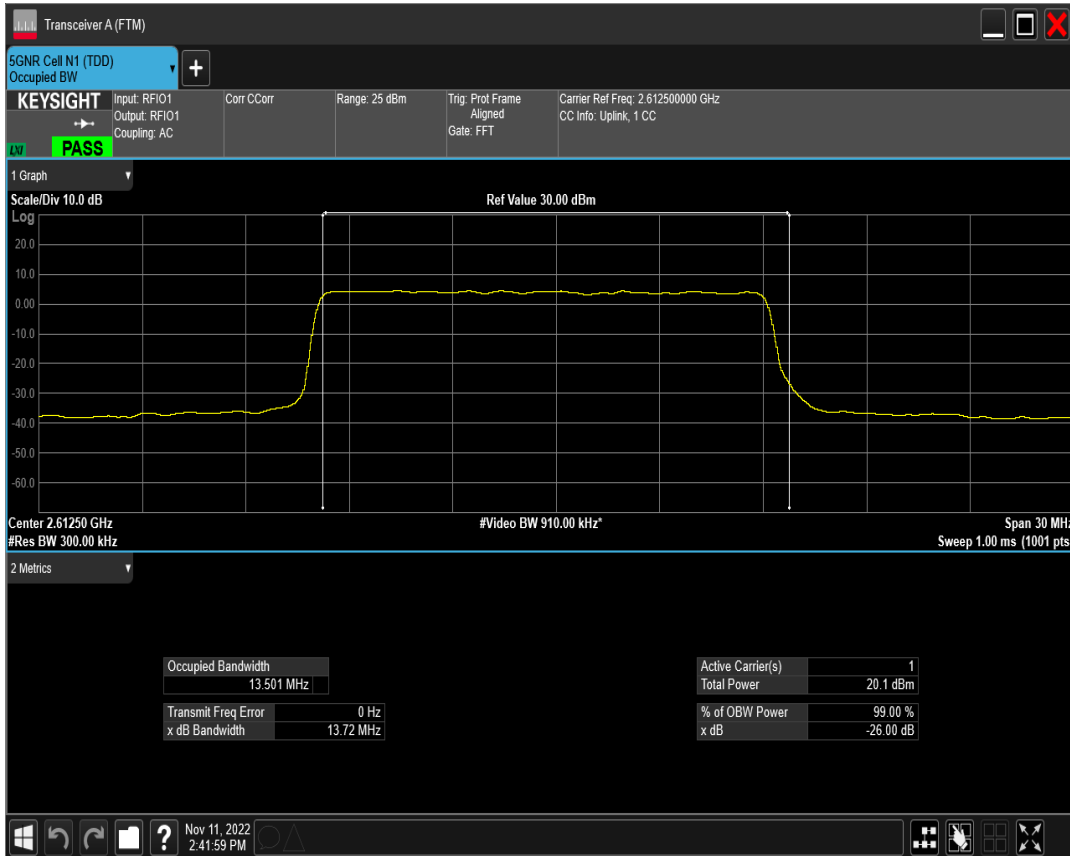
n38 SCS=30kHz DFT\_QPSK BW=15MHz Channel=522500 RB=36@0



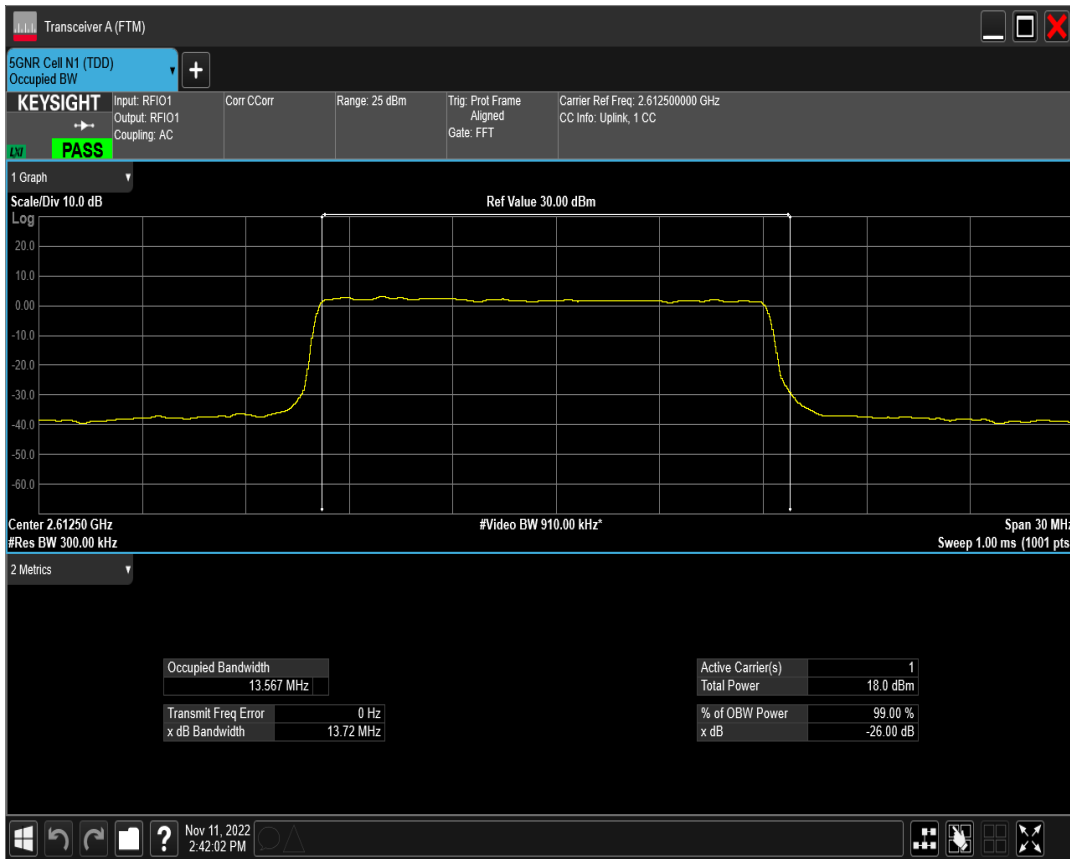
n38 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=522500 RB=36@0



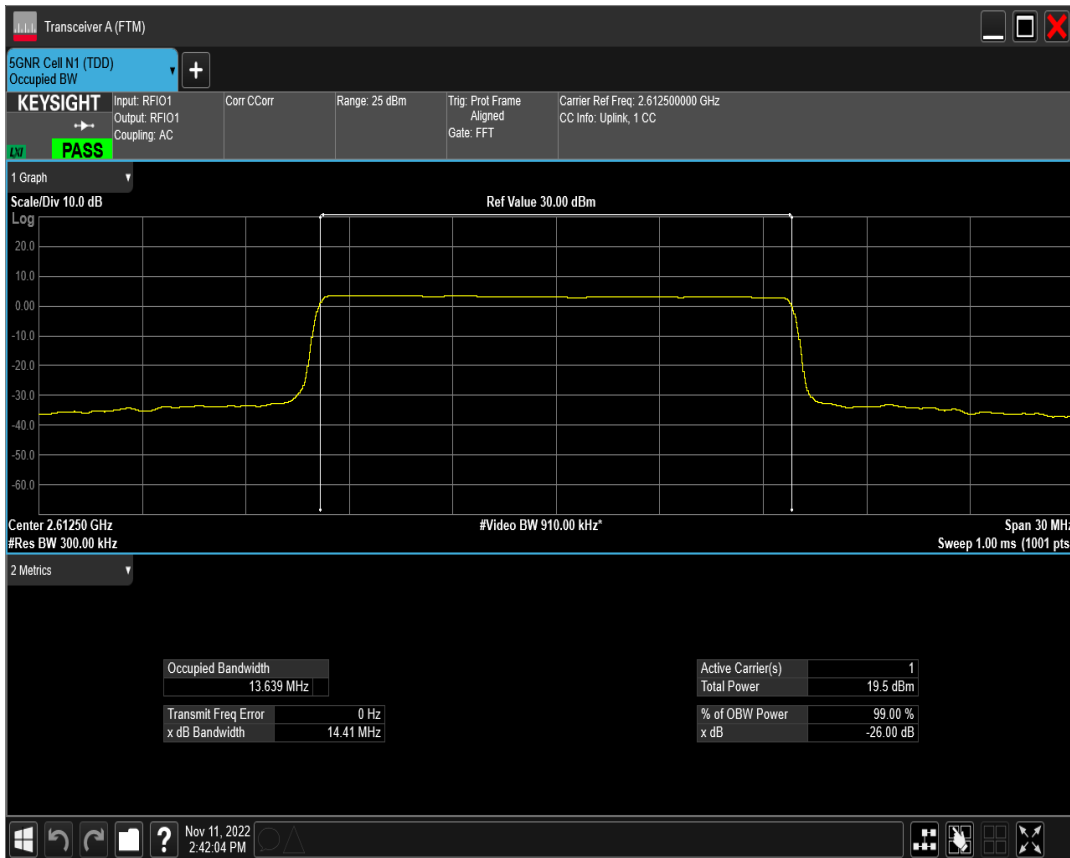
n38 SCS=30kHz DFT\_QAM64 BW=15MHz Channel=522500 RB=36@0



n38 SCS=30kHz DFT\_QAM256 BW=15MHz Channel=522500 RB=36@0

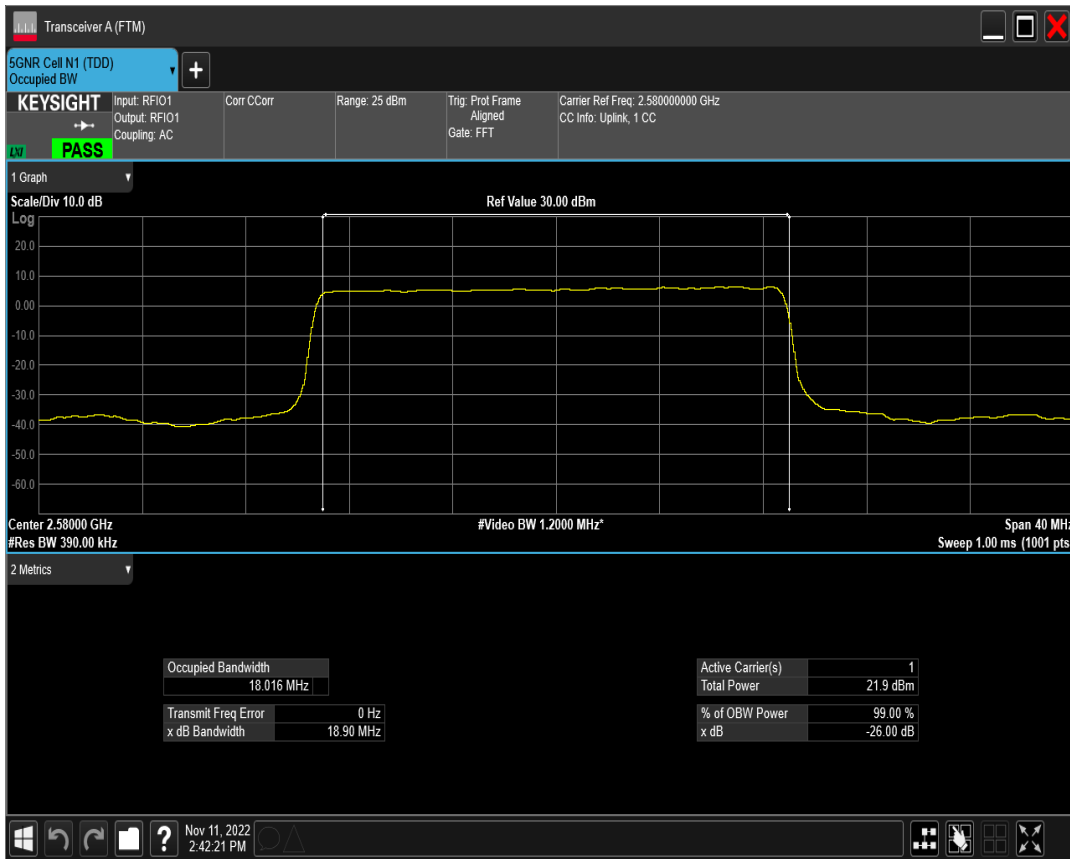


n38 SCS=30kHz CP\_QPSK BW=15MHz Channel=522500 RB=38@0

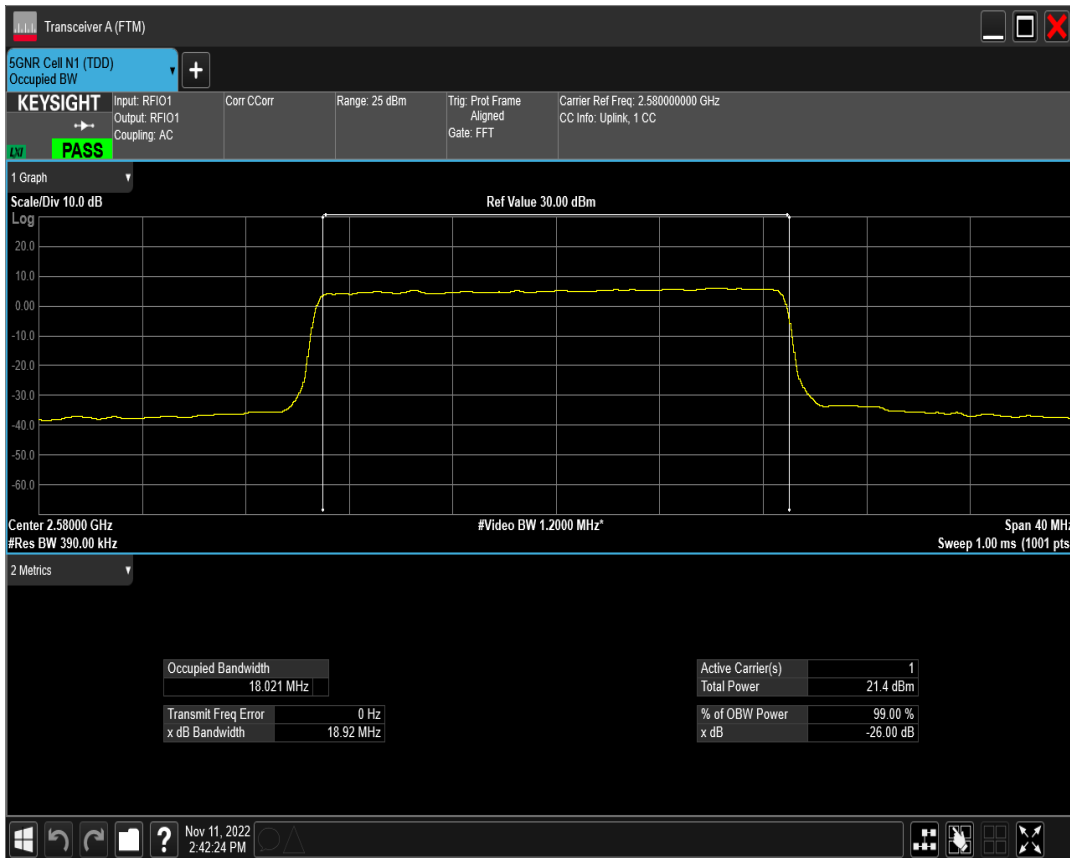




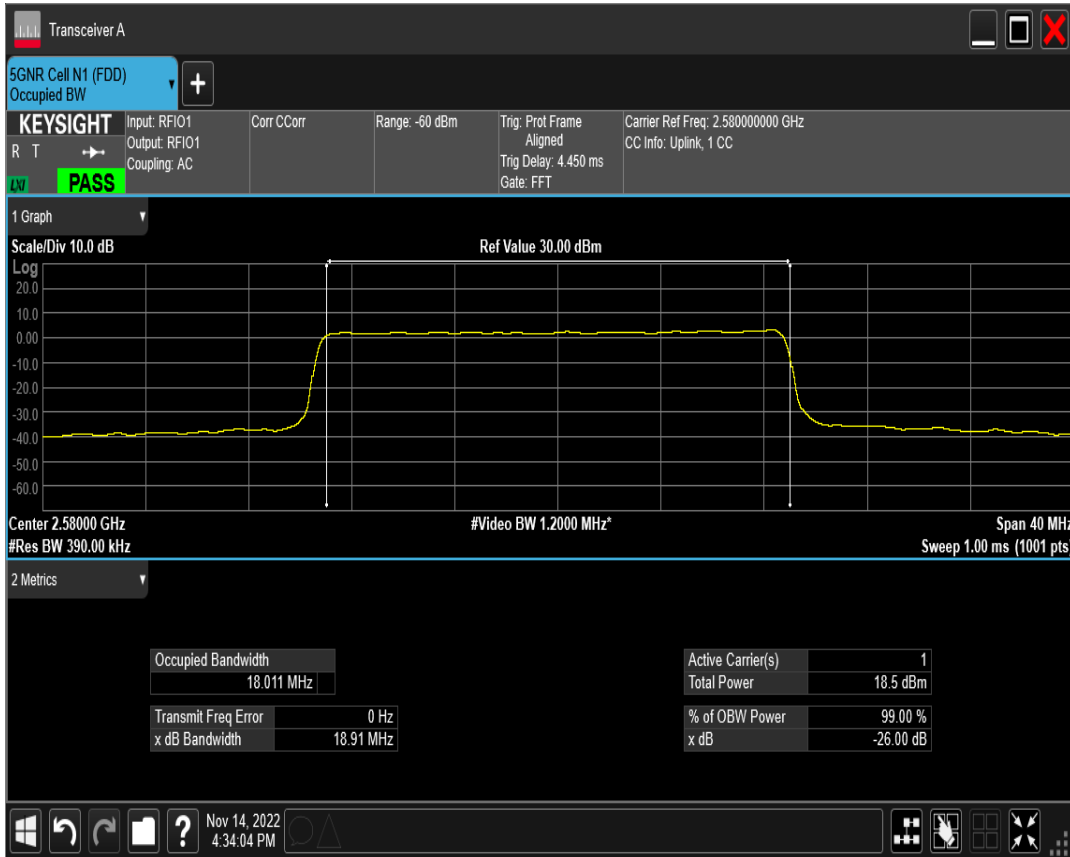
n38 SCS=30kHz DFT\_BPSK BW=20MHz Channel=516000 RB=50@0



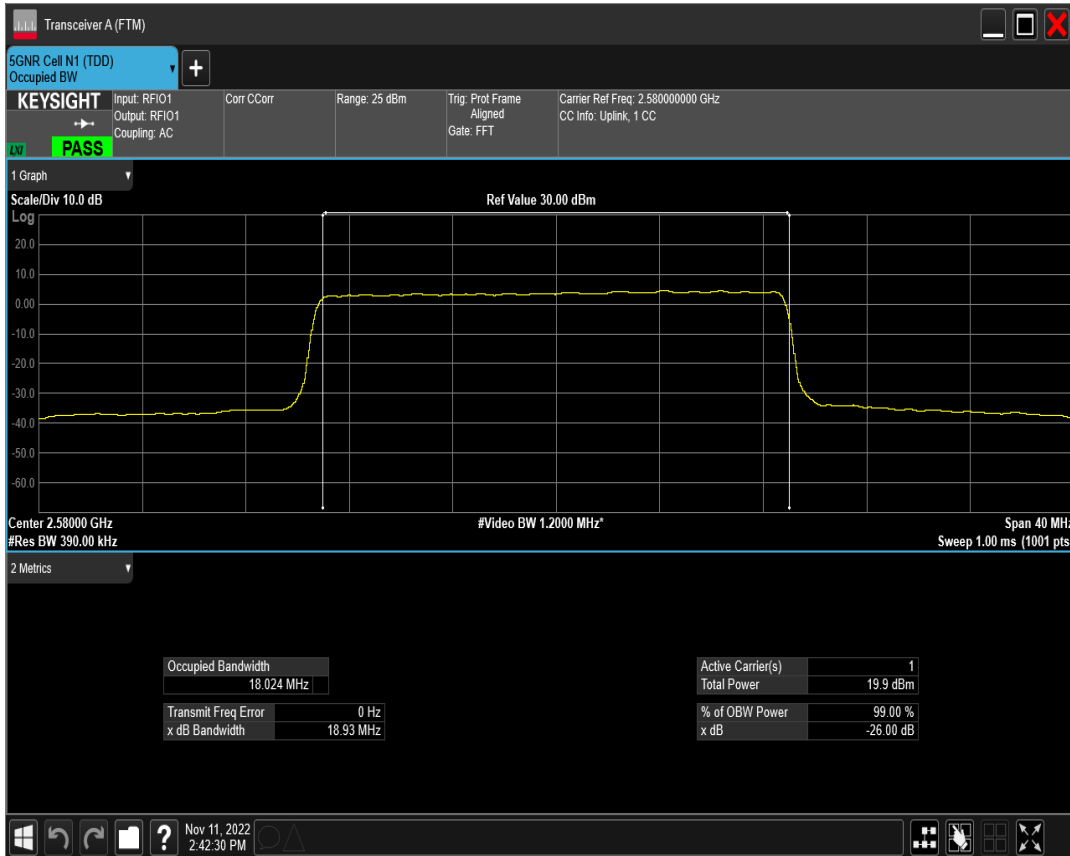
n38 SCS=30kHz DFT\_QPSK BW=20MHz Channel=516000 RB=50@0



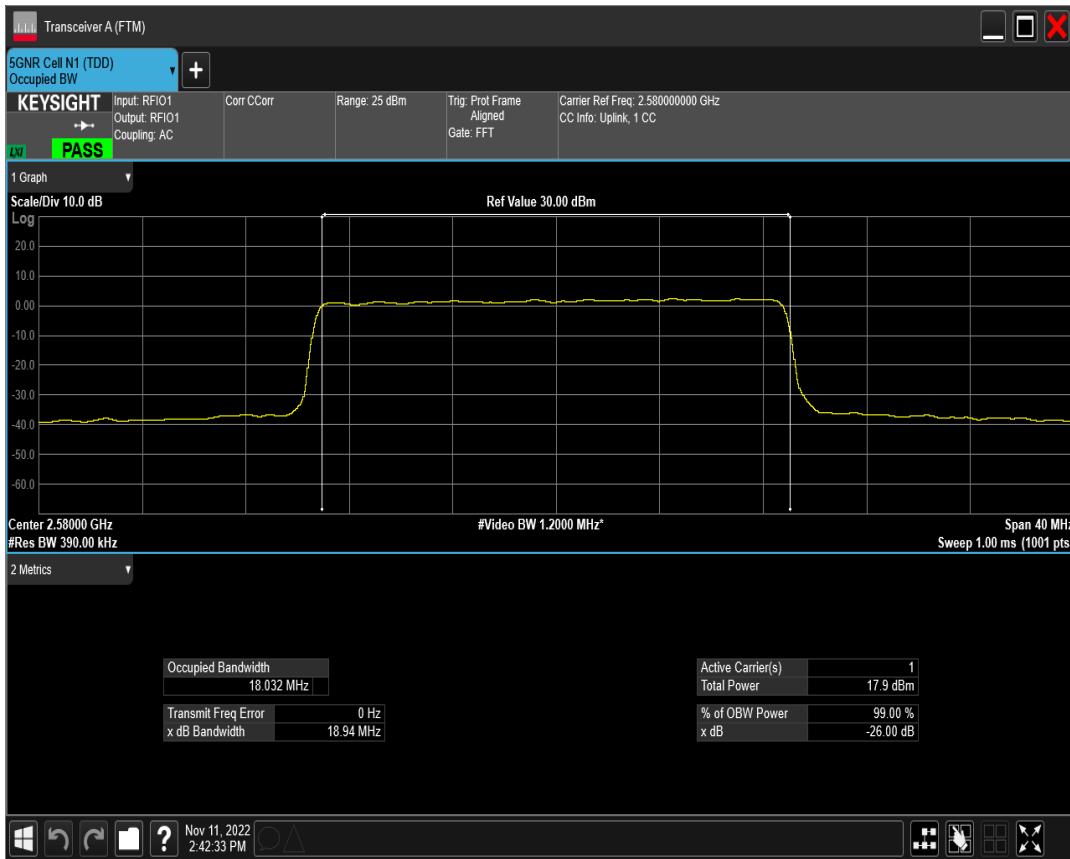
n38 SCS=30kHz DFT\_QAM16 BW=20MHz Channel=516000 RB=50@0



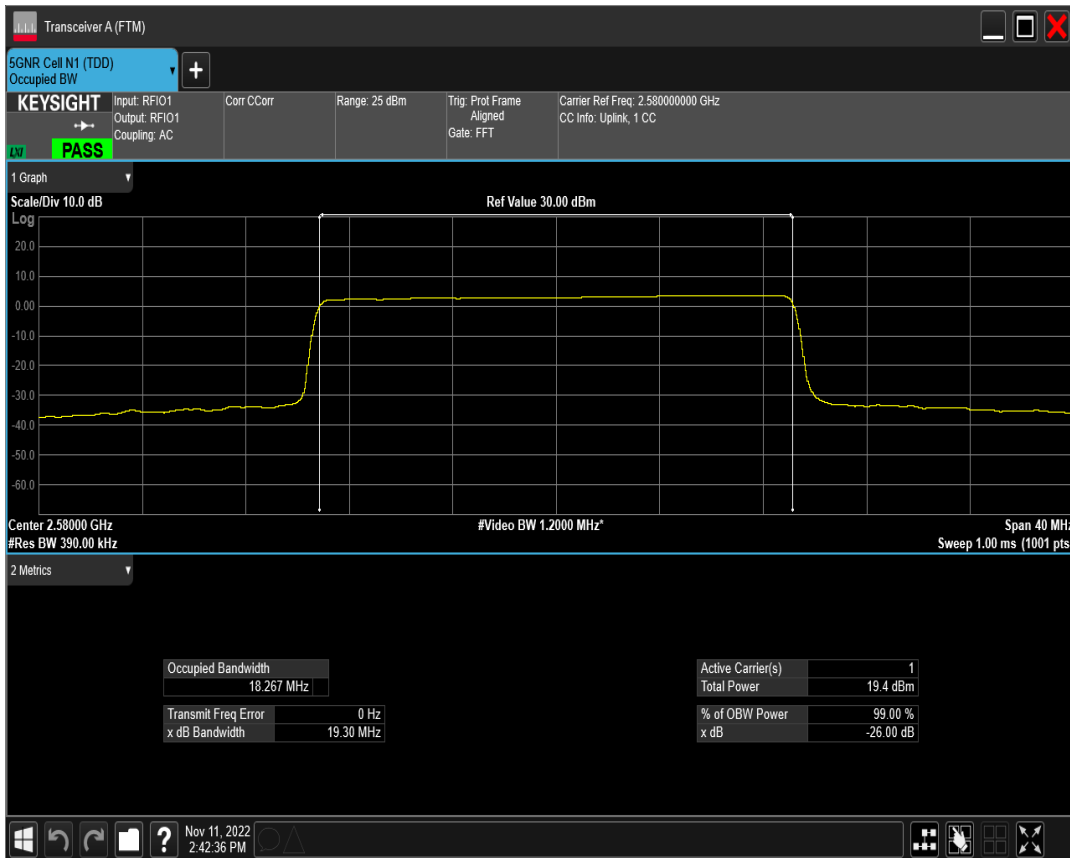
n38 SCS=30kHz DFT\_QAM64 BW=20MHz Channel=516000 RB=50@0



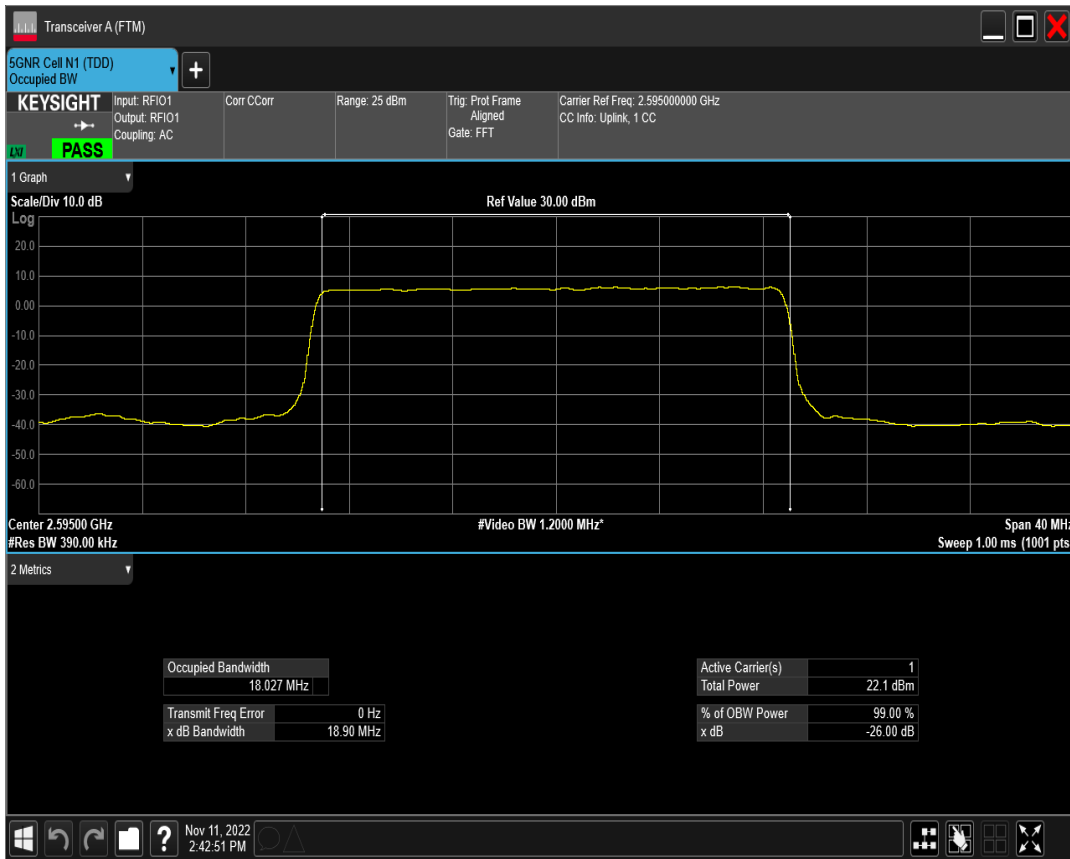
n38 SCS=30kHz DFT\_QAM256 BW=20MHz Channel=516000 RB=50@0



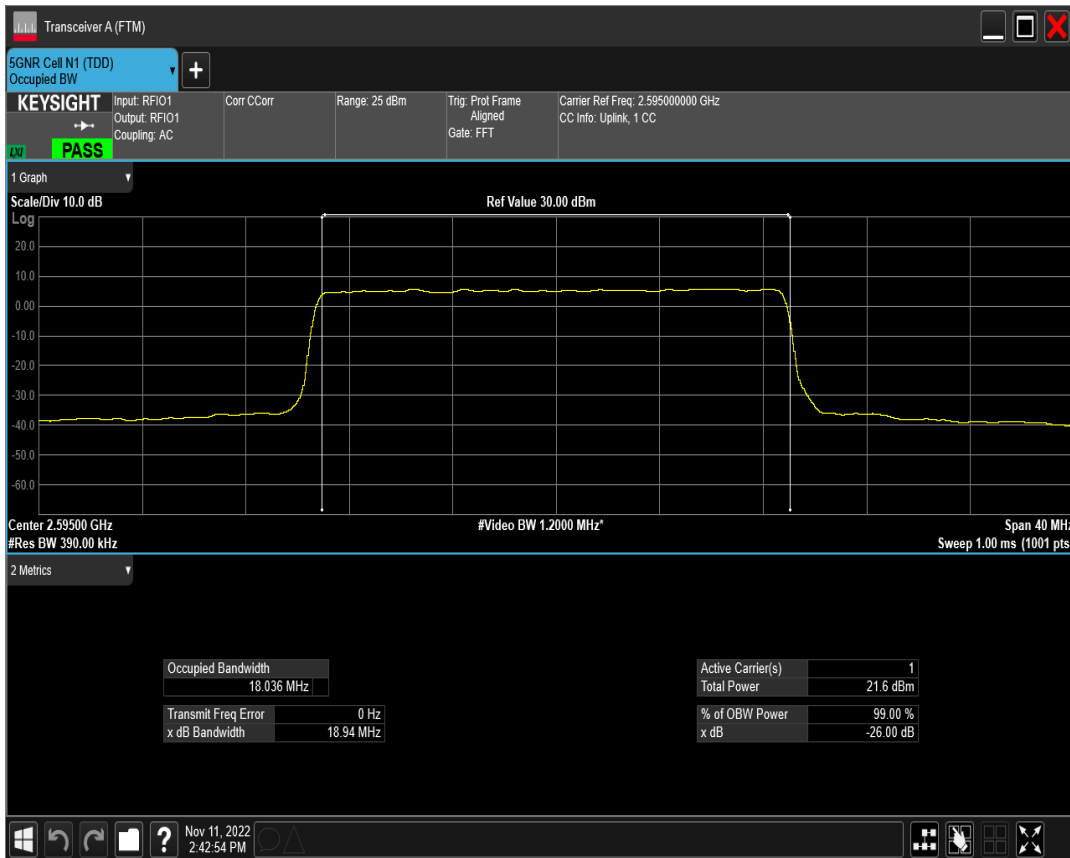
n38 SCS=30kHz CP\_QPSK BW=20MHz Channel=516000 RB=51@0



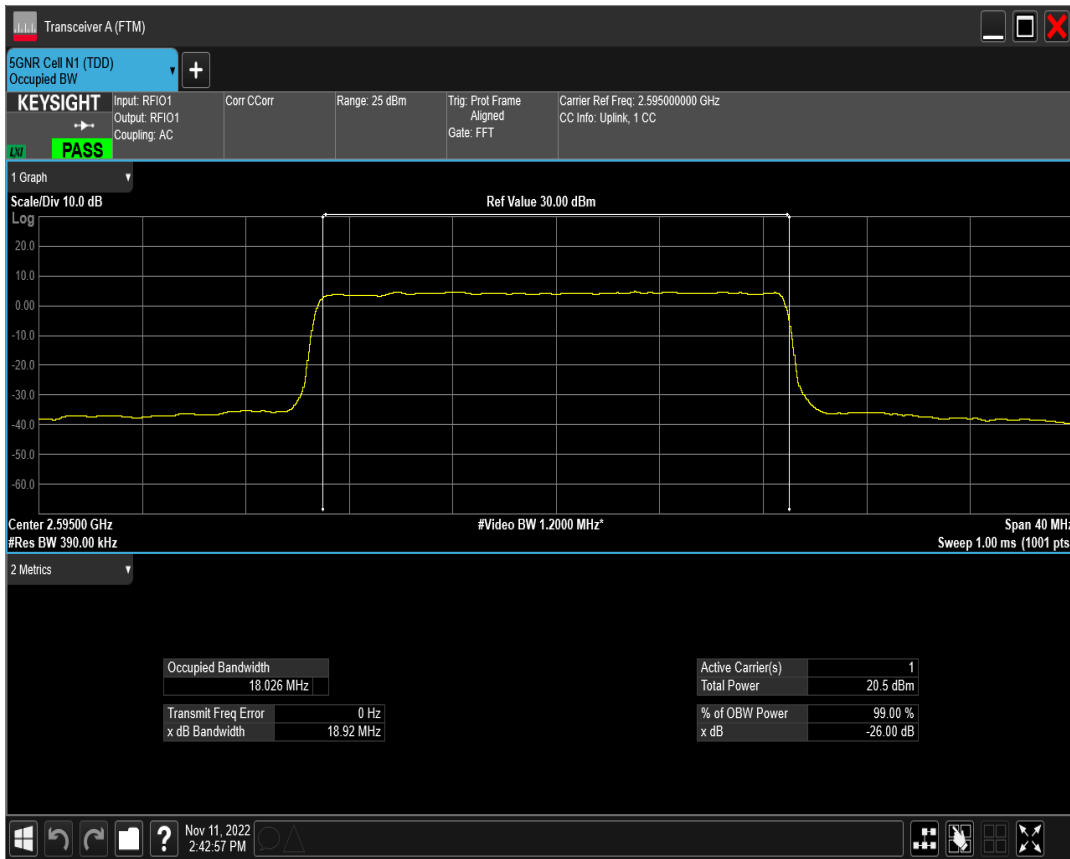
n38 SCS=30kHz DFT\_BPSK BW=20MHz Channel=519000 RB=50@0



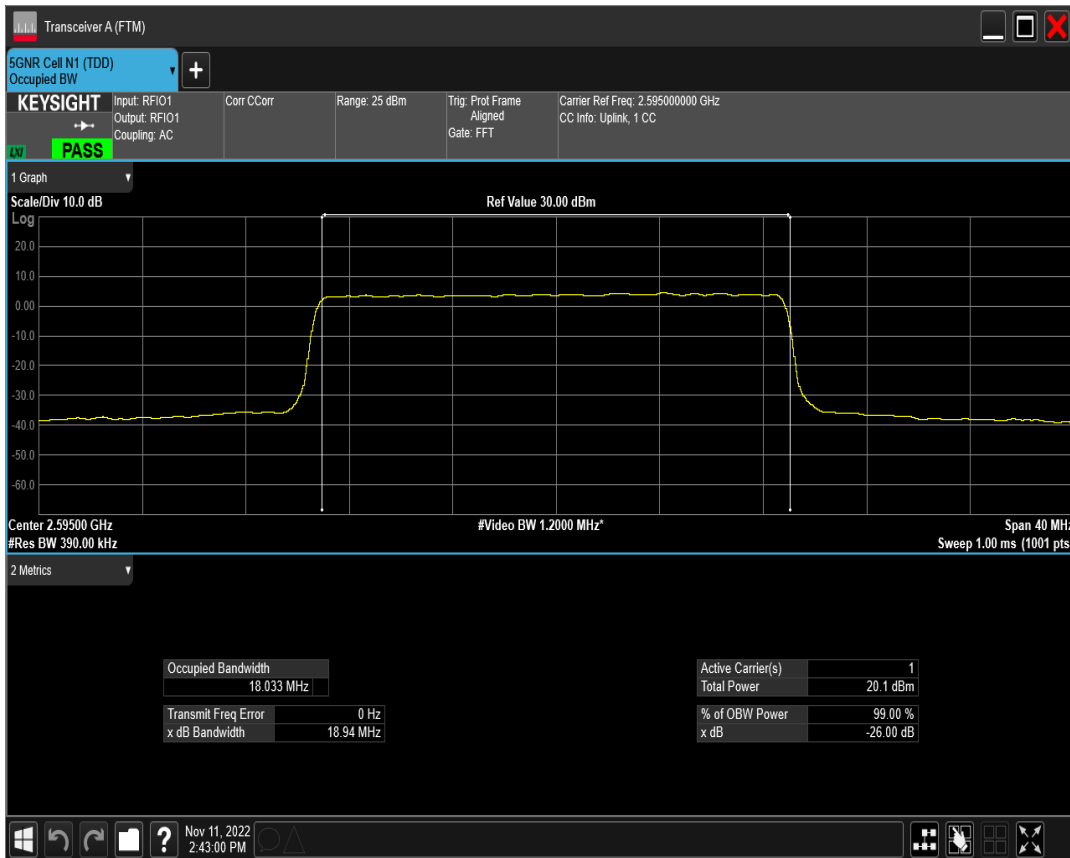
n38 SCS=30kHz DFT\_QPSK BW=20MHz Channel=519000 RB=50@0



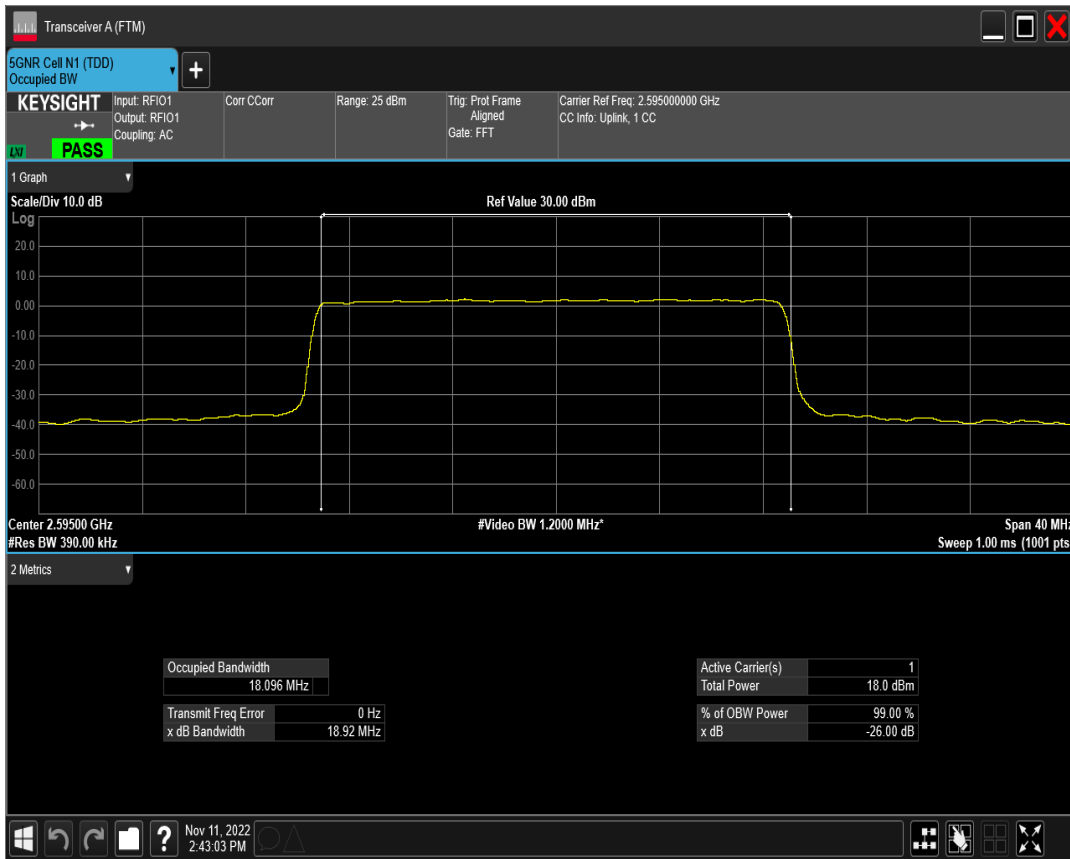
n38 SCS=30kHz DFT\_QAM16 BW=20MHz Channel=519000 RB=50@0



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



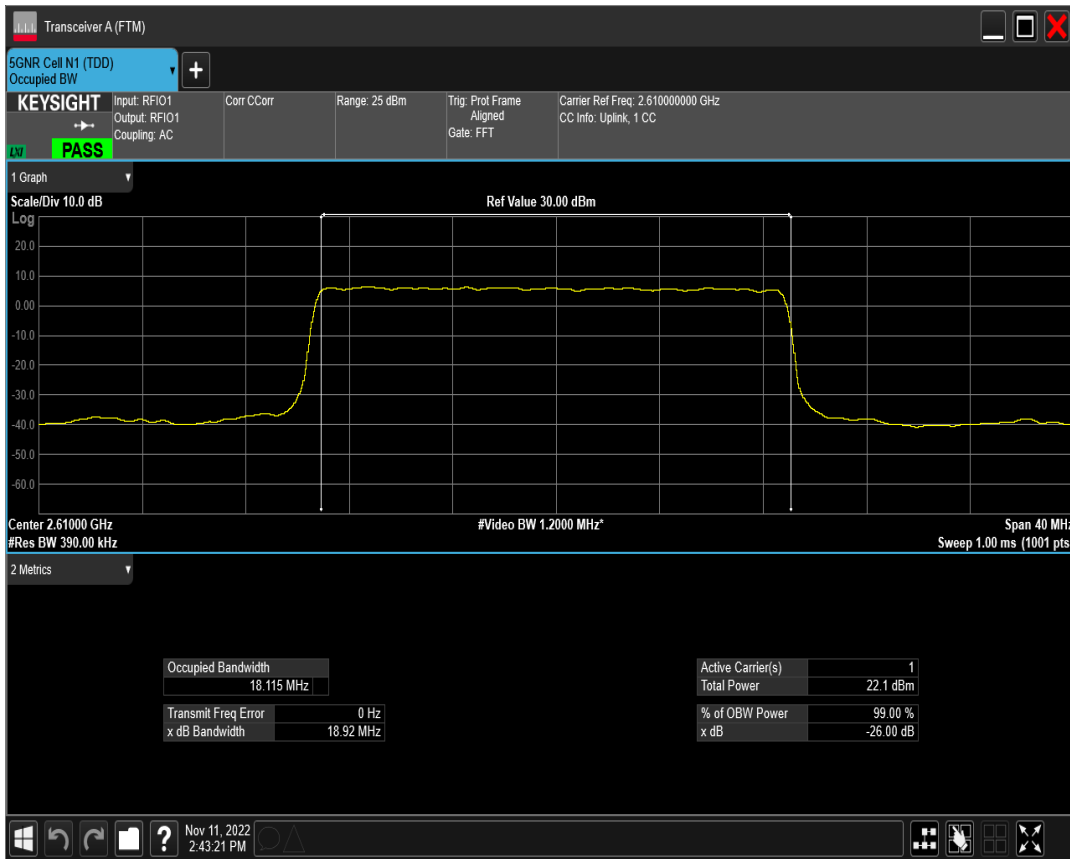
n38 SCS=30kHz DFT\_QAM256 BW=20MHz Channel=519000 RB=50@0



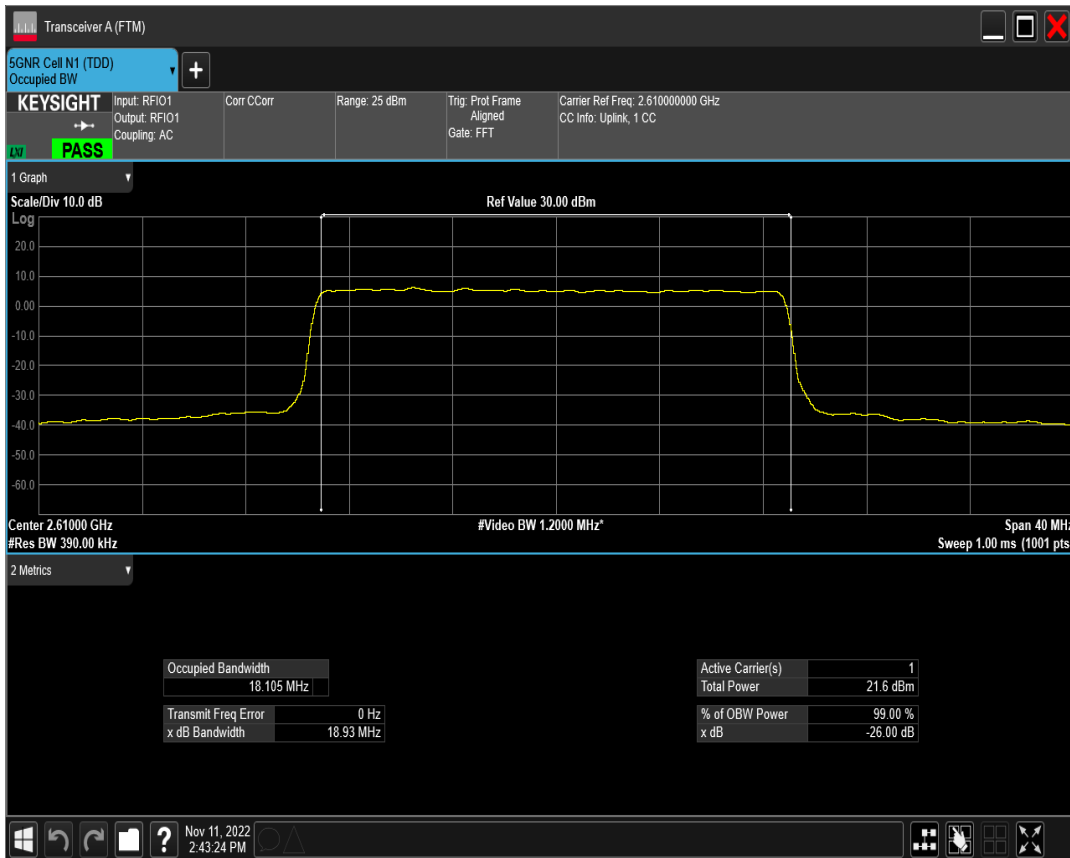
n38 SCS=30kHz CP\_QPSK BW=20MHz Channel=519000 RB=51@0



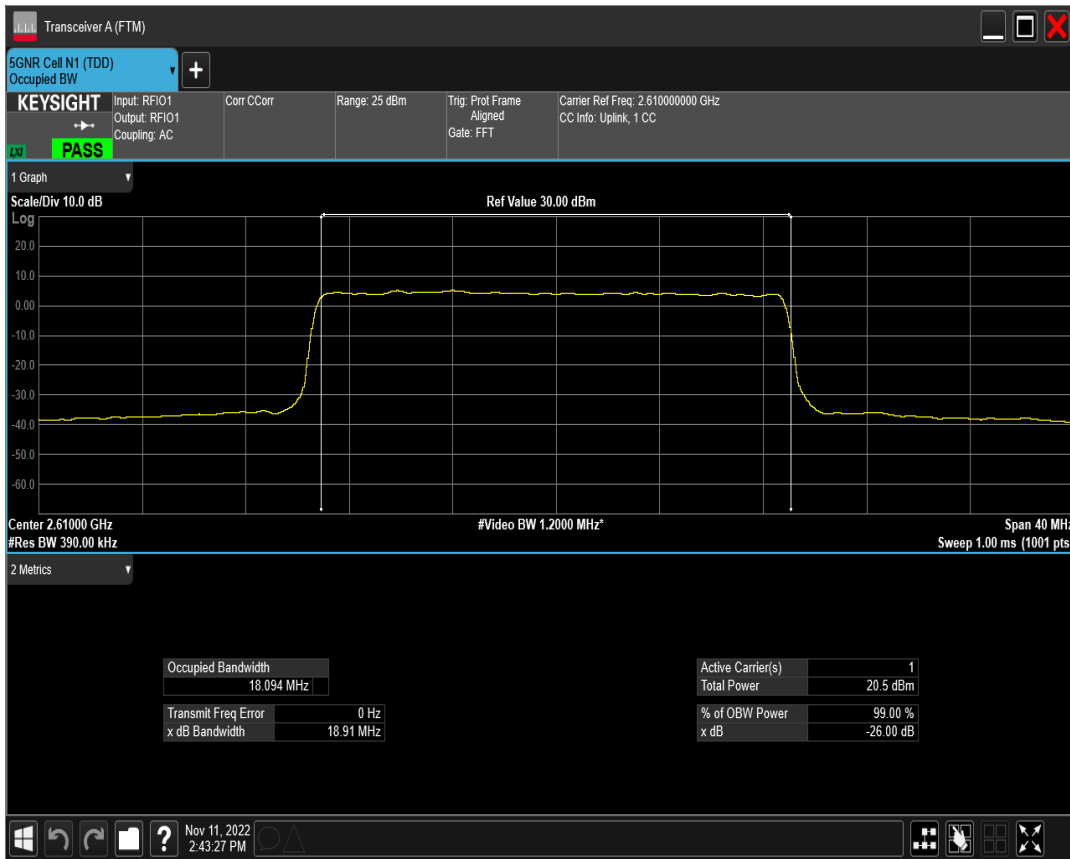
n38 SCS=30kHz DFT\_BPSK BW=20MHz Channel=522000 RB=50@0



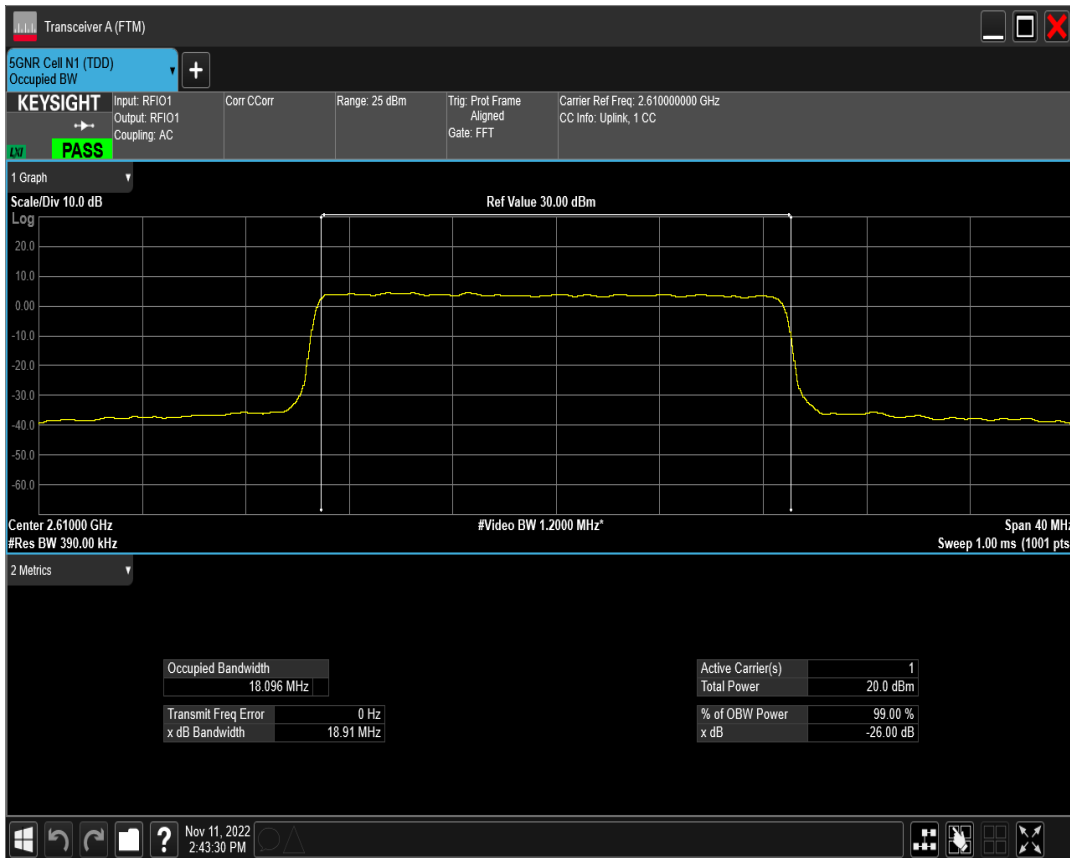
n38 SCS=30kHz DFT\_QPSK BW=20MHz Channel=522000 RB=50@0



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

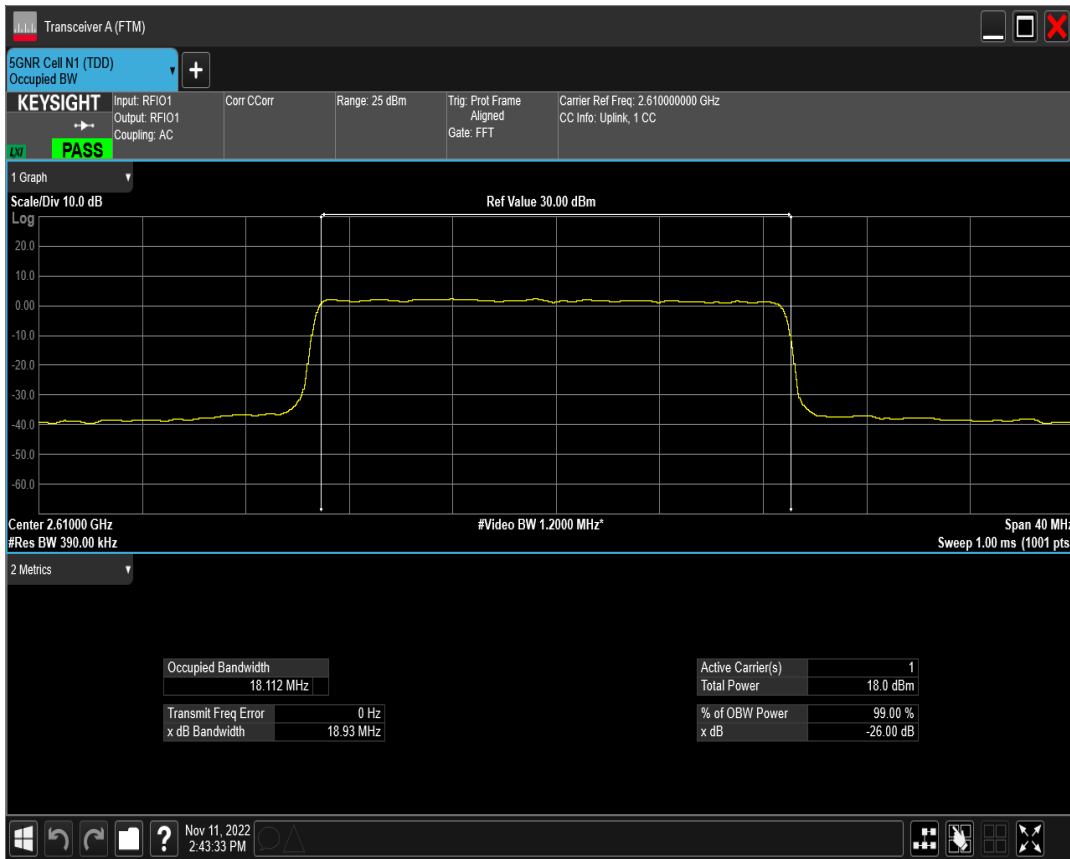


n38 SCS=30kHz DFT\_QAM64 BW=20MHz Channel=522000 RB=50@0

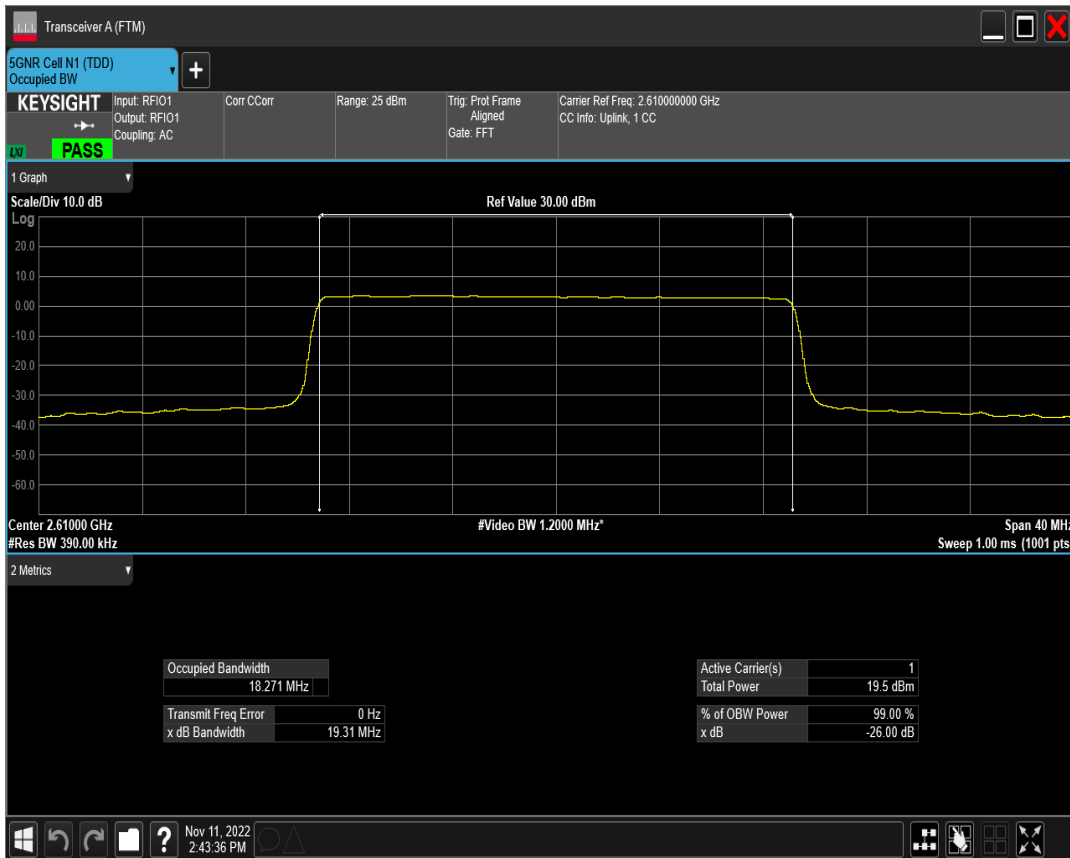




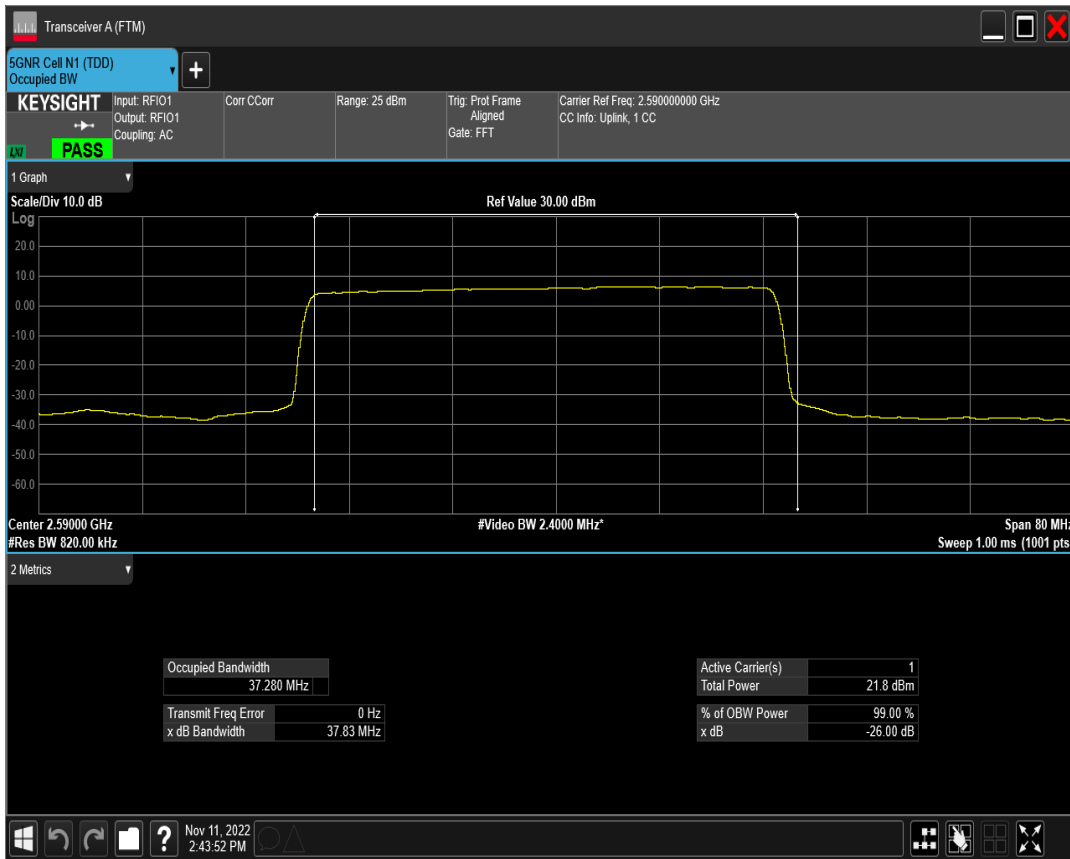
n38 SCS=30kHz DFT\_QAM256 BW=20MHz Channel=522000 RB=50@0



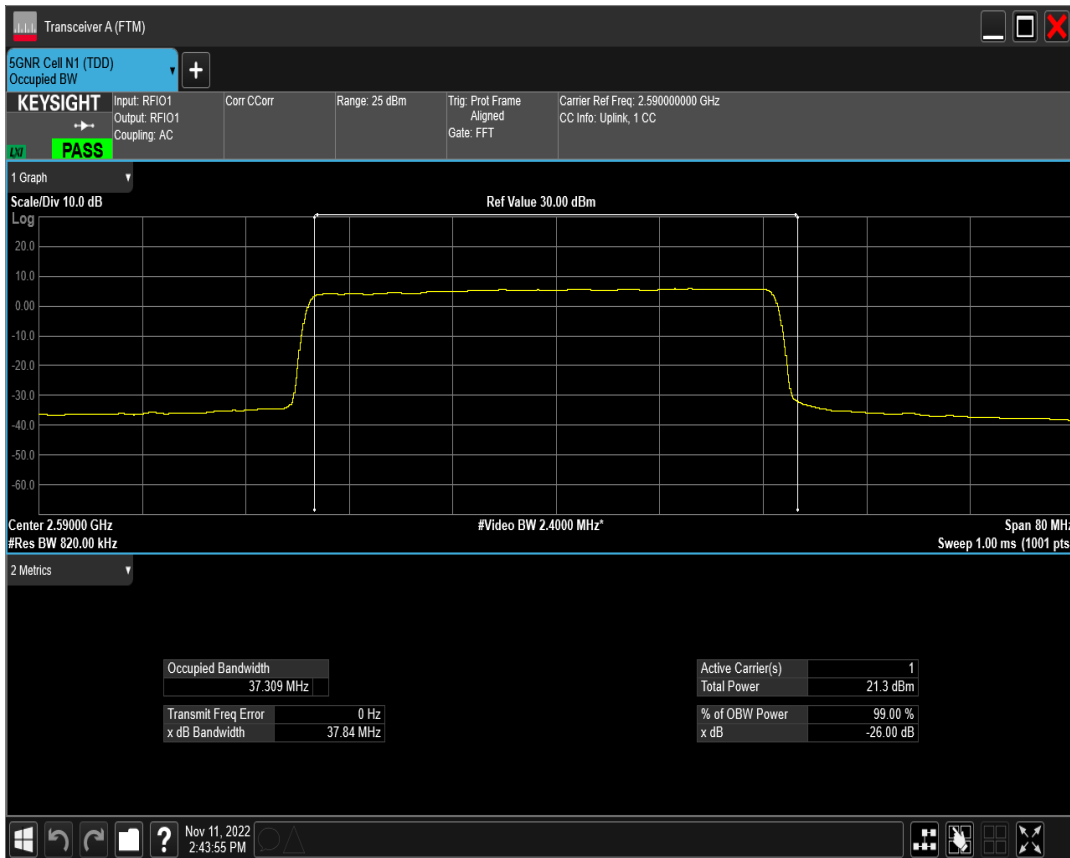
n38 SCS=30kHz CP\_QPSK BW=20MHz Channel=522000 RB=51@0



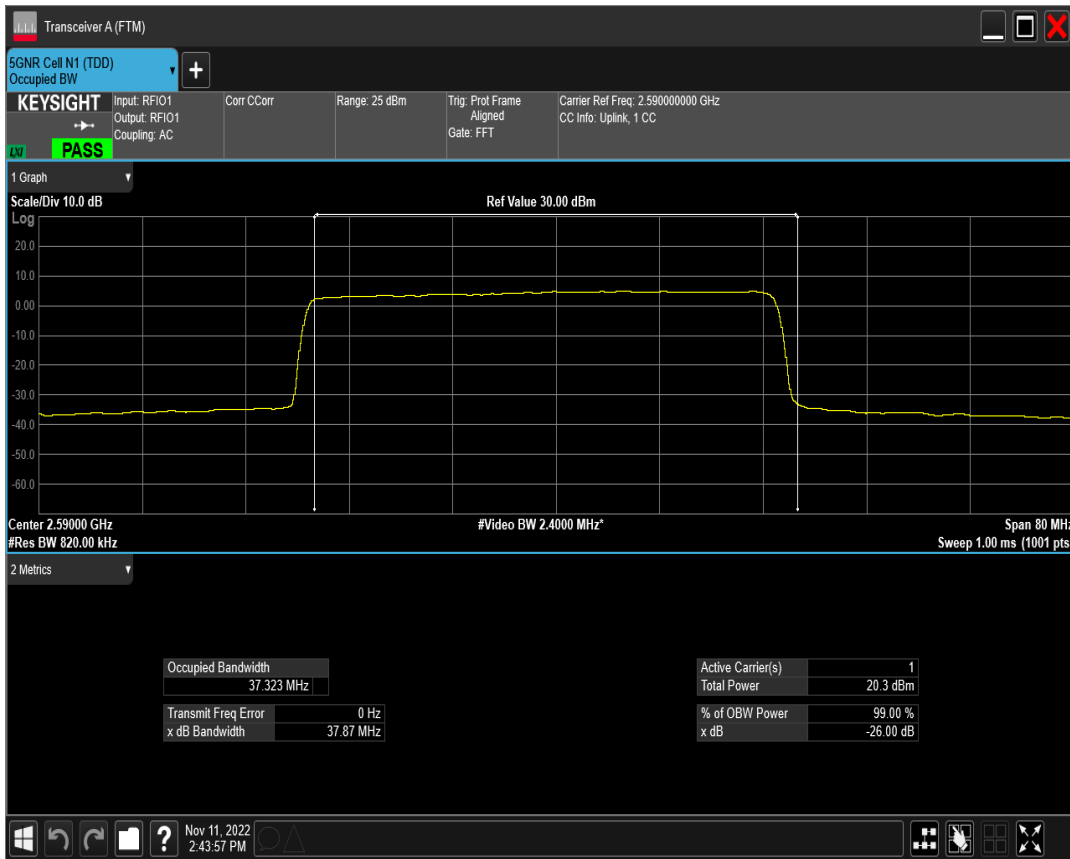
n38 SCS=30kHz DFT\_BPSK BW=40MHz Channel=518000 RB=100@0



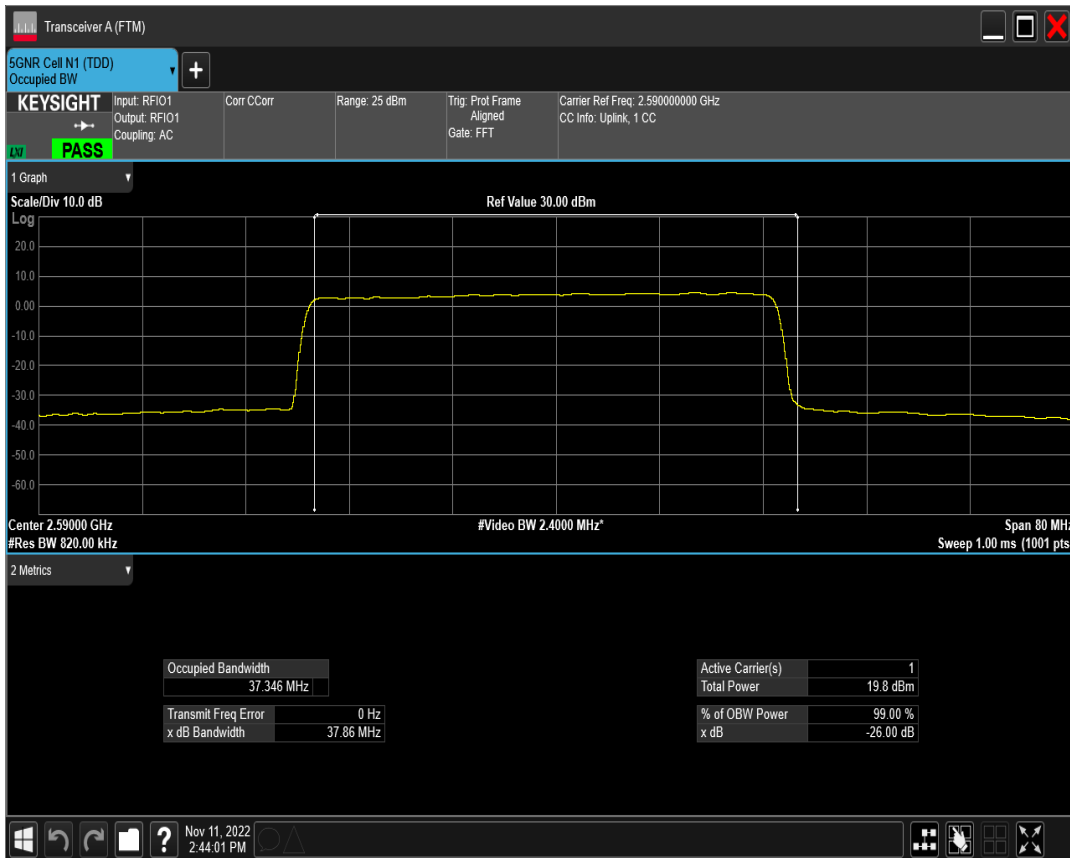
n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=518000 RB=100@0



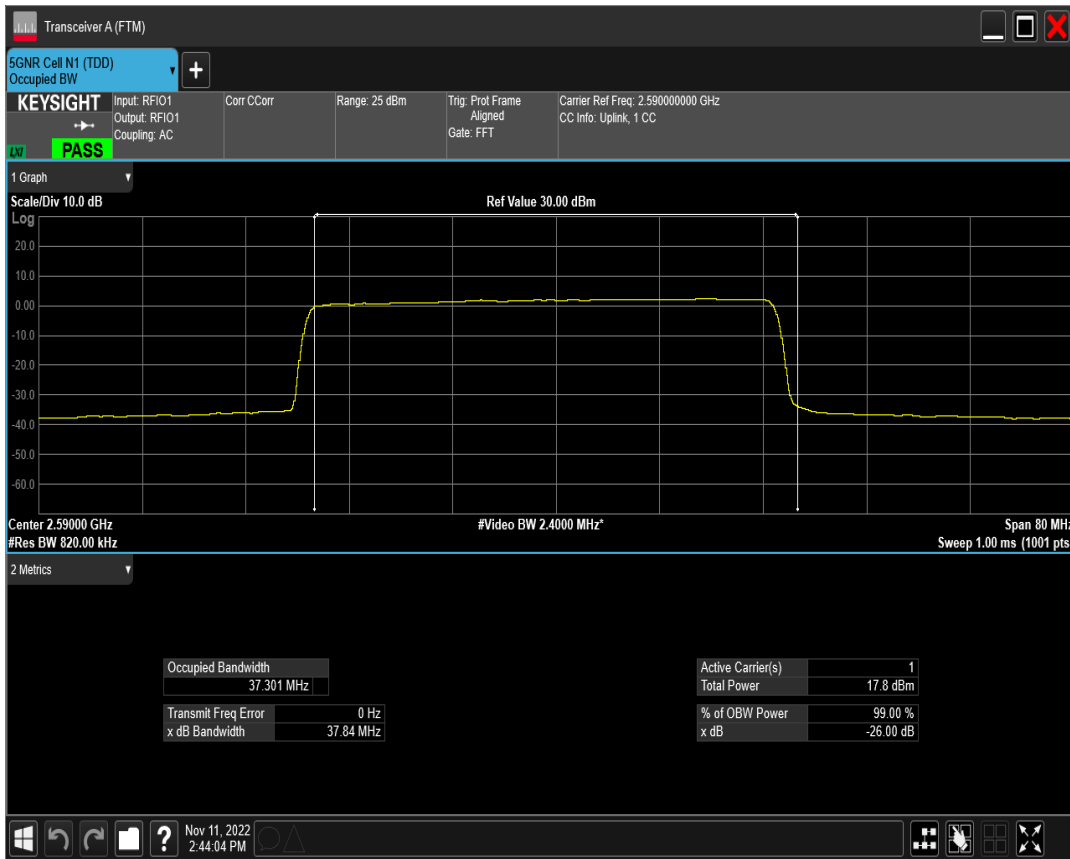
n38 SCS=30kHz DFT\_QAM16 BW=40MHz Channel=518000 RB=100@0



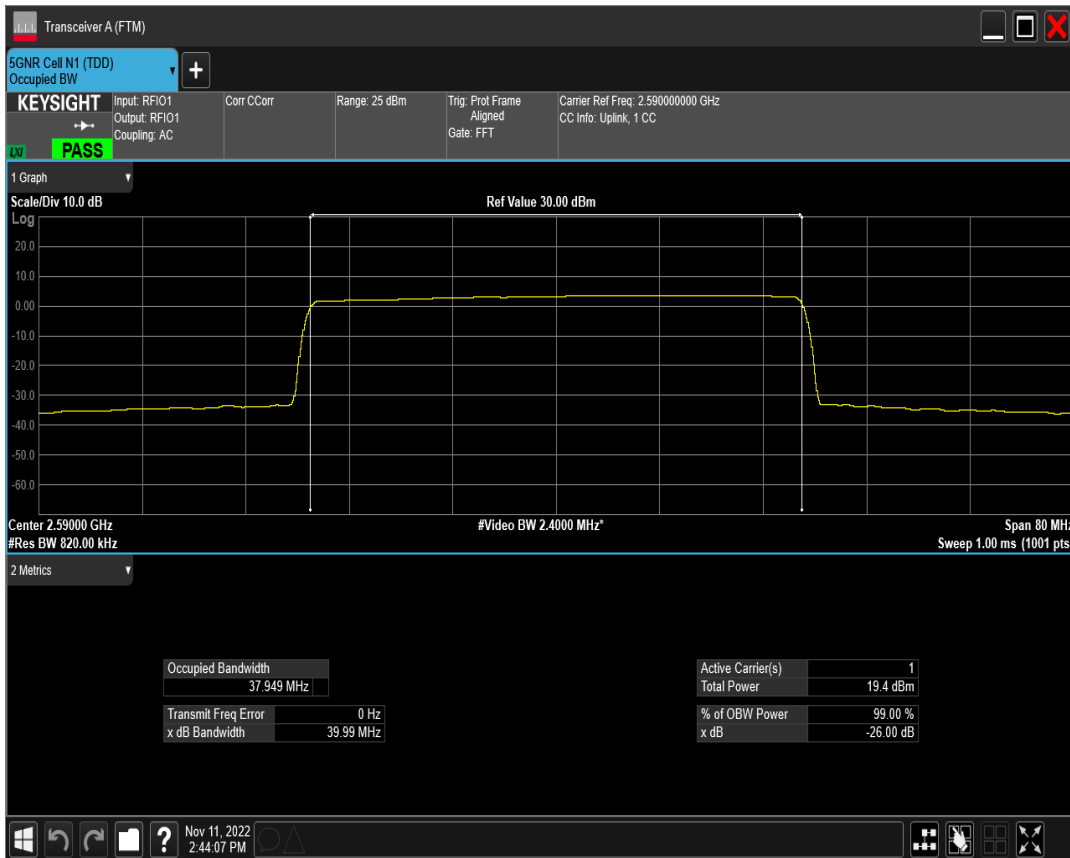
n38 SCS=30kHz DFT\_QAM64 BW=40MHz Channel=518000 RB=100@0



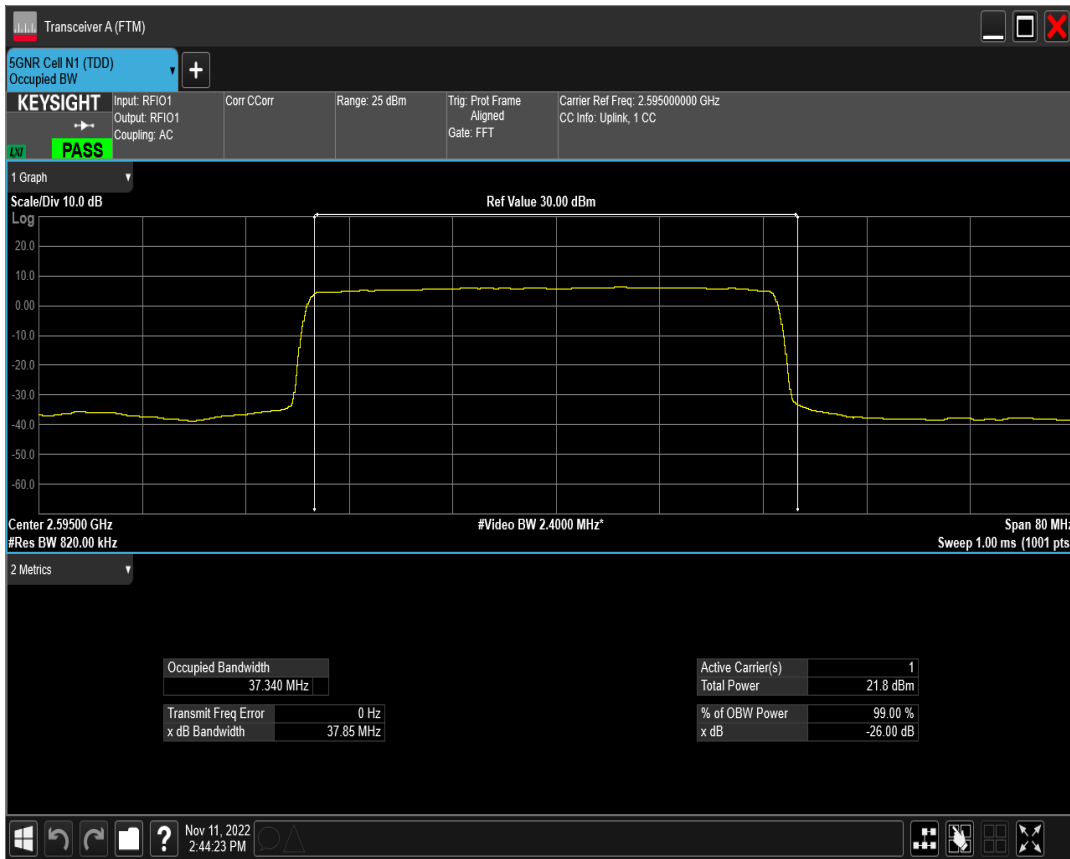
n38 SCS=30kHz DFT\_QAM256 BW=40MHz Channel=518000 RB=100@0



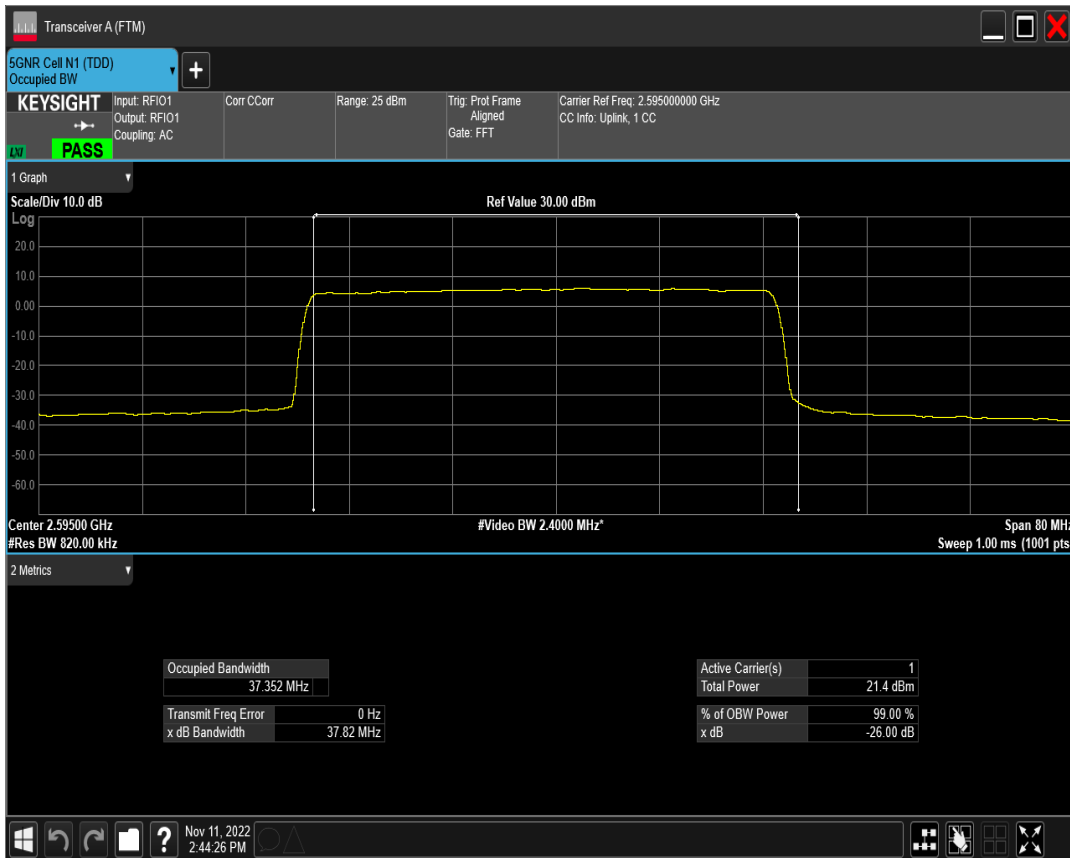
n38 SCS=30kHz CP\_QPSK BW=40MHz Channel=518000 RB=106@0



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



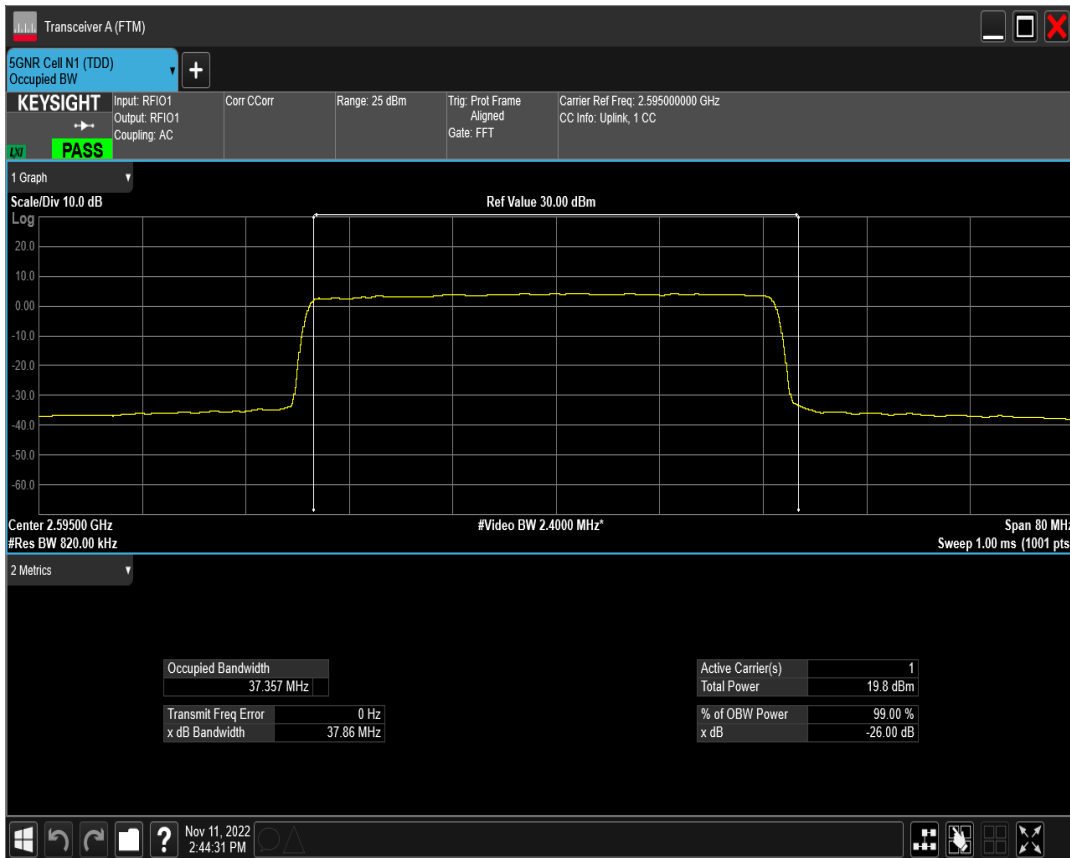
n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=519000 RB=100@0



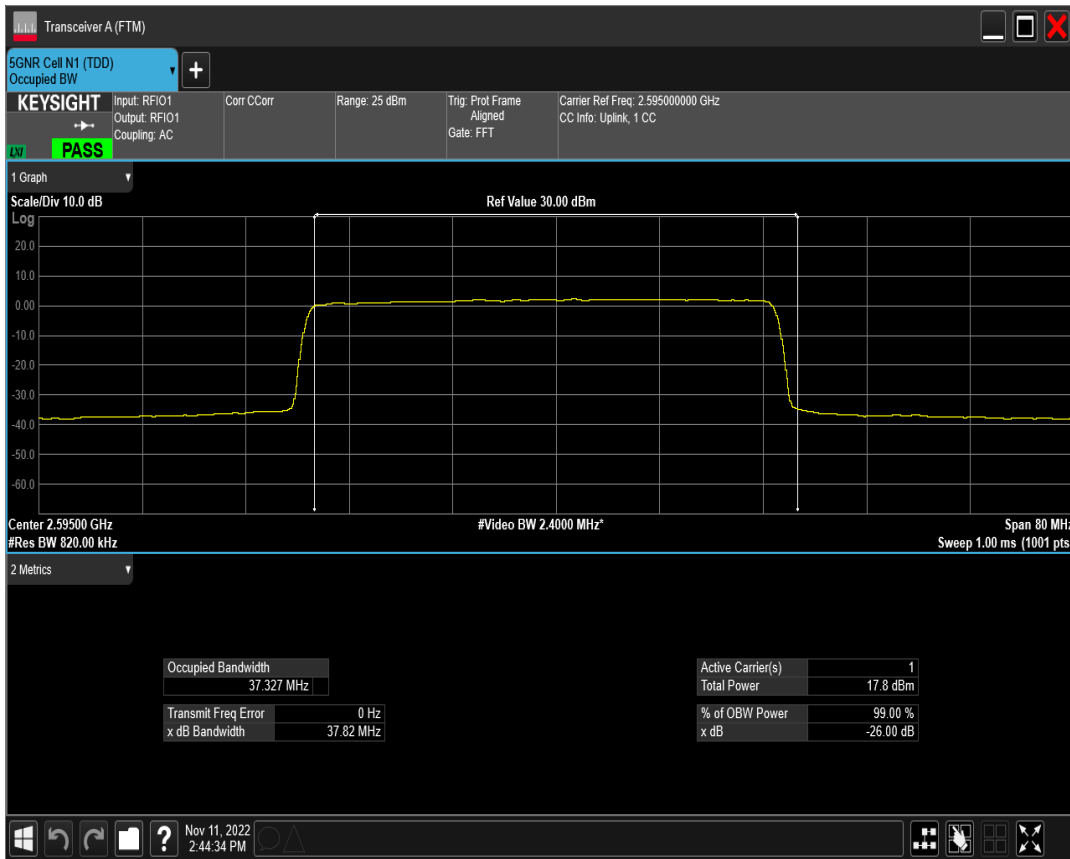
n38 SCS=30kHz DFT\_QAM16 BW=40MHz Channel=519000 RB=100@0



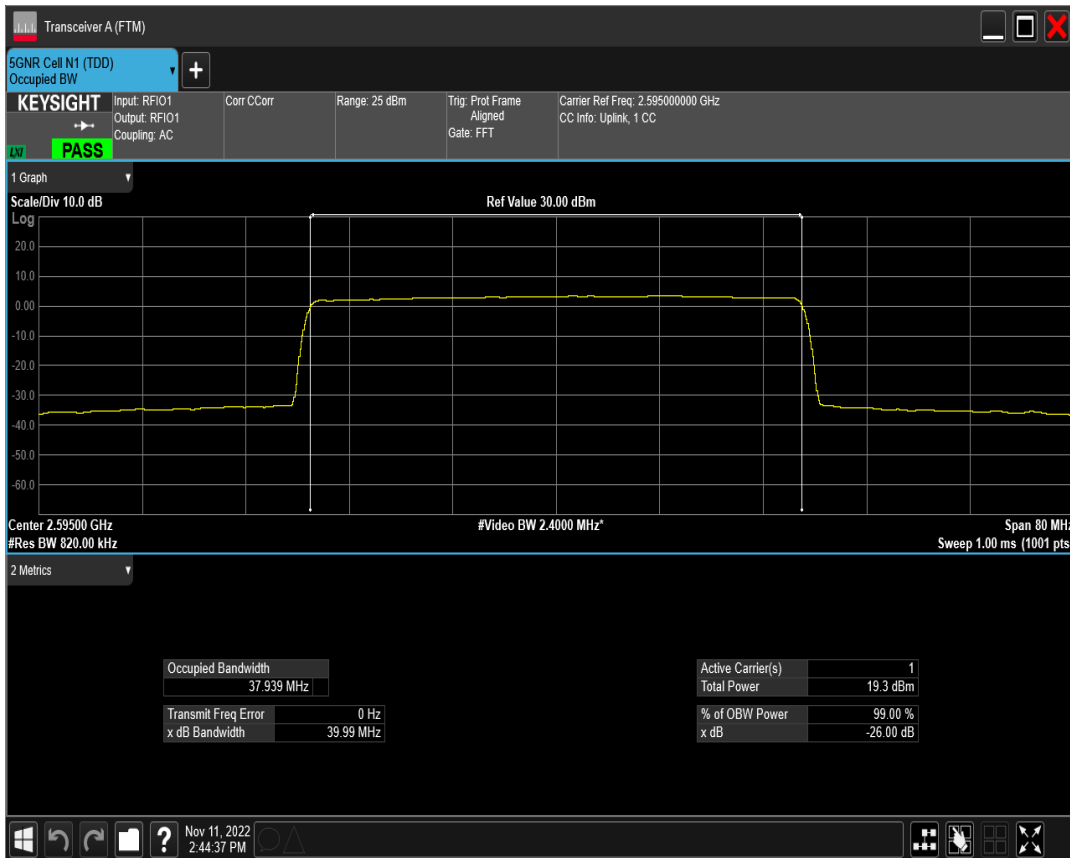
n38 SCS=30kHz DFT\_QAM64 BW=40MHz Channel=519000 RB=100@0



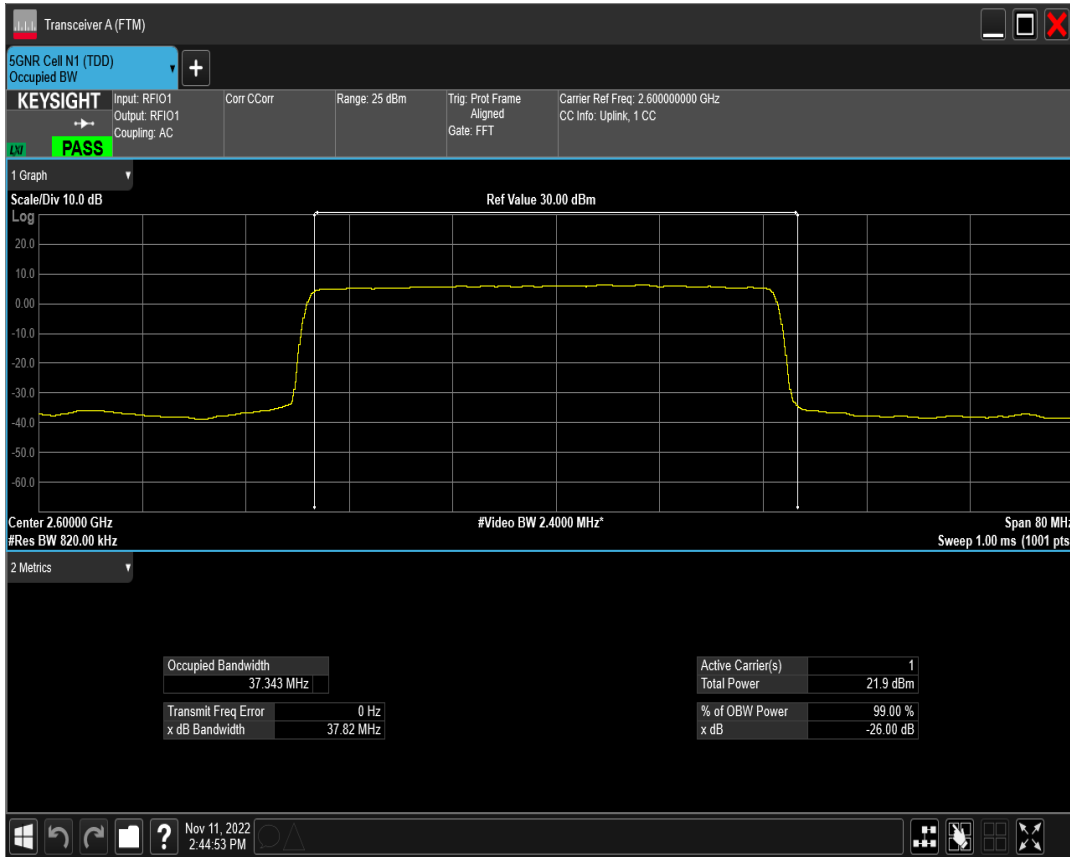
n38 SCS=30kHz DFT\_QAM256 BW=40MHz Channel=519000 RB=100@0



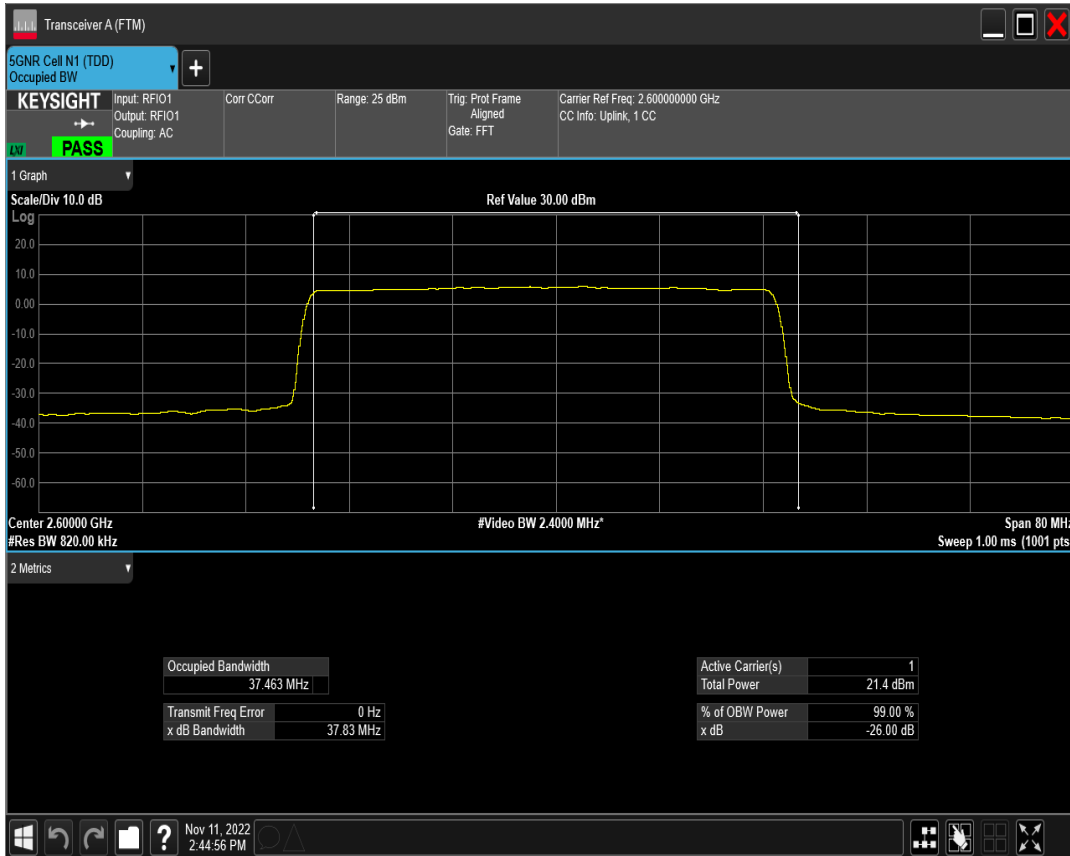
n38 SCS=30kHz CP\_QPSK BW=40MHz Channel=519000 RB=106@0



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

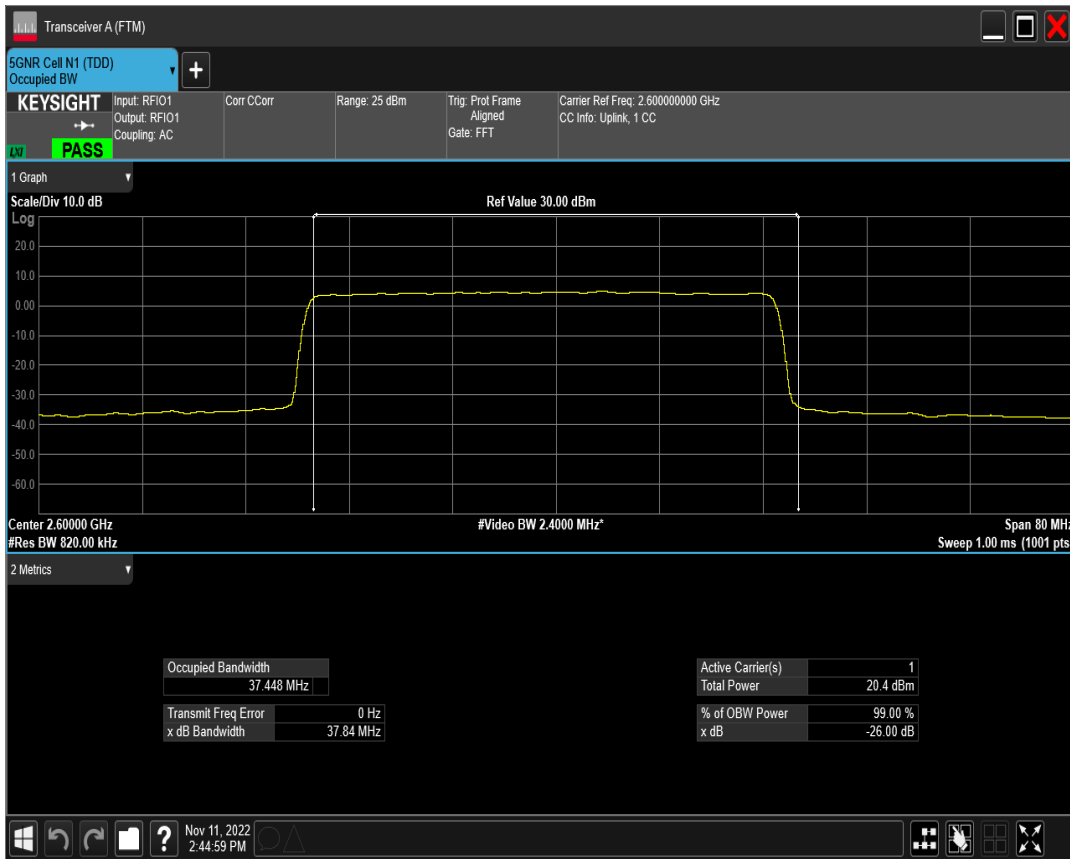


n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=520000 RB=100@0

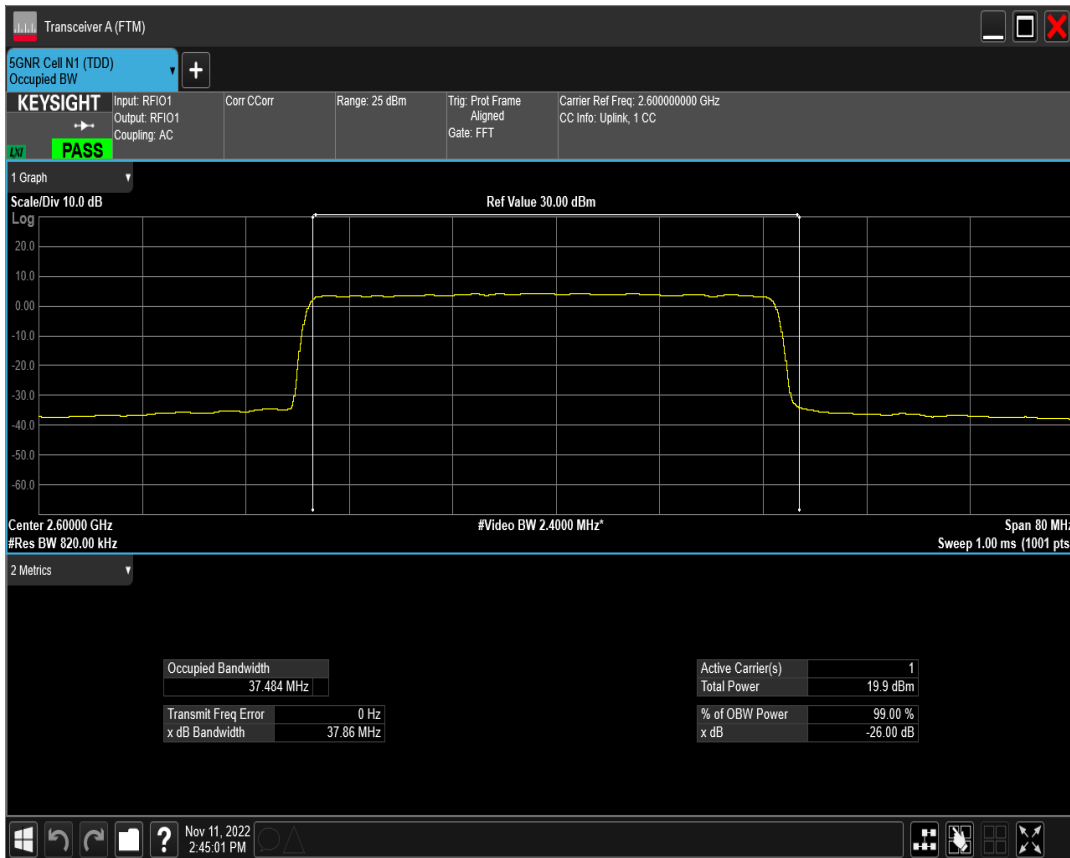




n38 SCS=30kHz DFT\_QAM16 BW=40MHz Channel=520000 RB=100@0



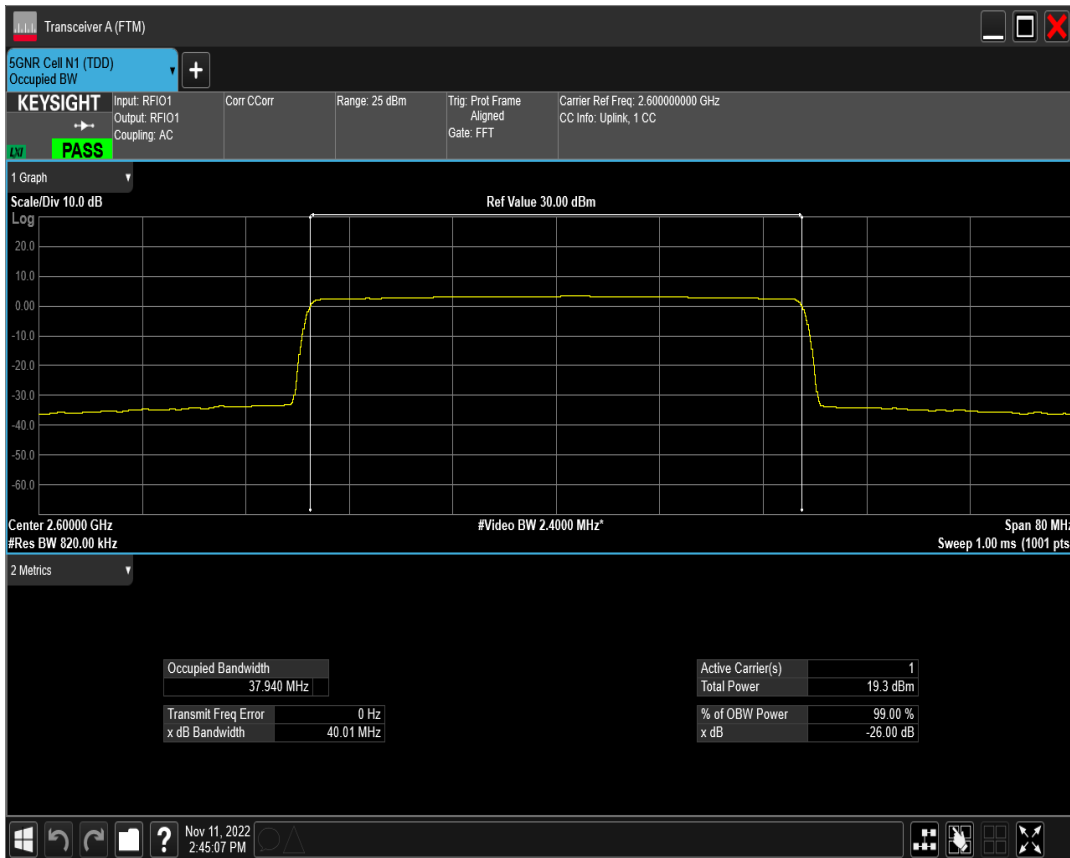
n38 SCS=30kHz DFT\_QAM64 BW=40MHz Channel=520000 RB=100@0



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



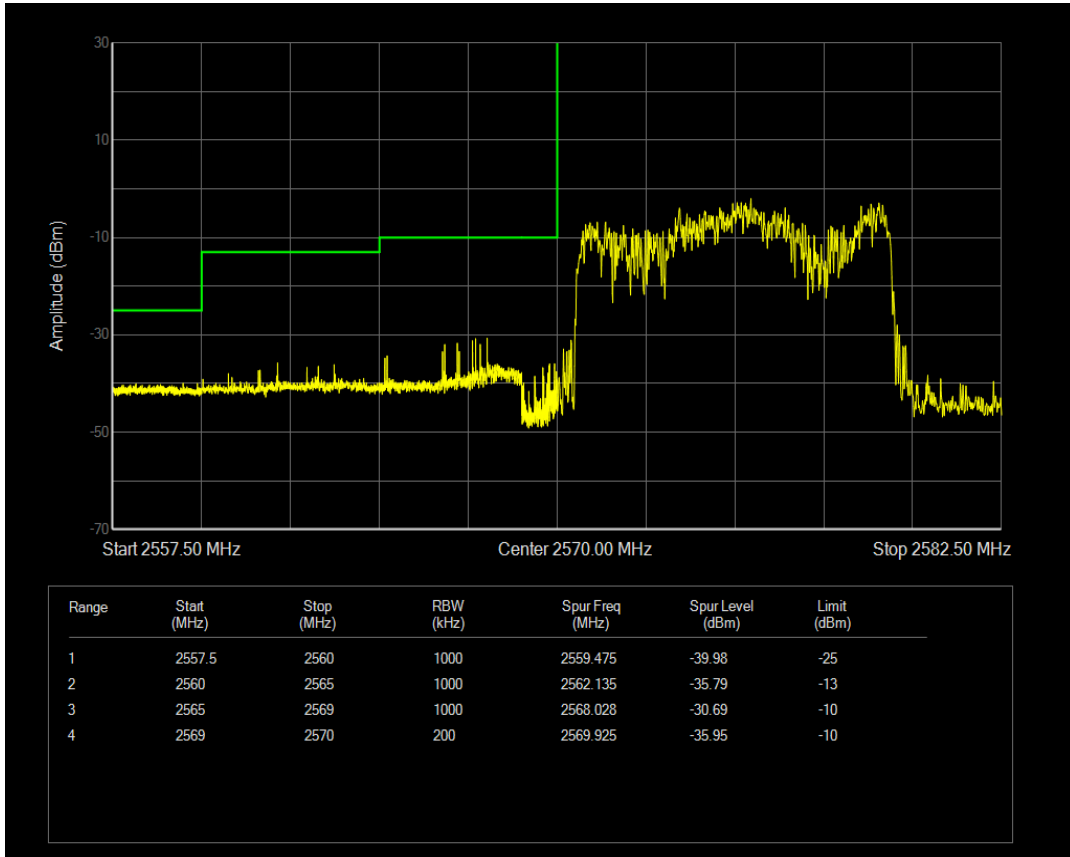
n38 SCS=30kHz CP\_QPSK BW=40MHz Channel=520000 RB=106@0



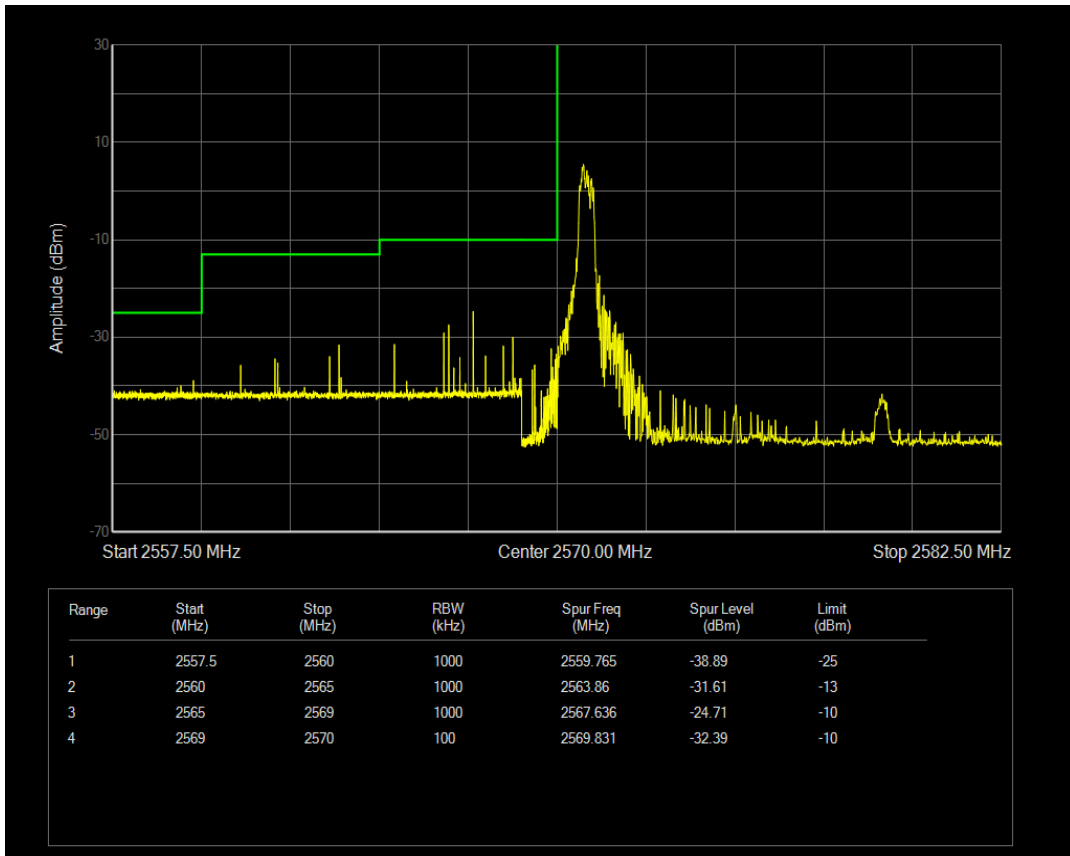
## 5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n38	30	10	515000	24@0	DFT_QPSK	2559.48	-39.98	-25	PASS
n38	30	10	515000	1@0	DFT_QPSK	2559.77	-38.89	-25	PASS
n38	30	10	523000	24@0	DFT_QPSK	2631.14	-40.05	-25	PASS
n38	30	10	523000	1@23	DFT_QPSK	2630.15	-39.35	-25	PASS
n38	30	40	518000	100@0	DFT_QPSK	2524.98	-40.66	-25	PASS
n38	30	40	518000	1@0	DFT_QPSK	2569.00	-24.29	-10	PASS
n38	30	40	520000	100@0	DFT_QPSK	2665.88	-40.94	-25	PASS
n38	30	40	520000	1@105	DFT_QPSK	2666.38	-41.00	-25	PASS

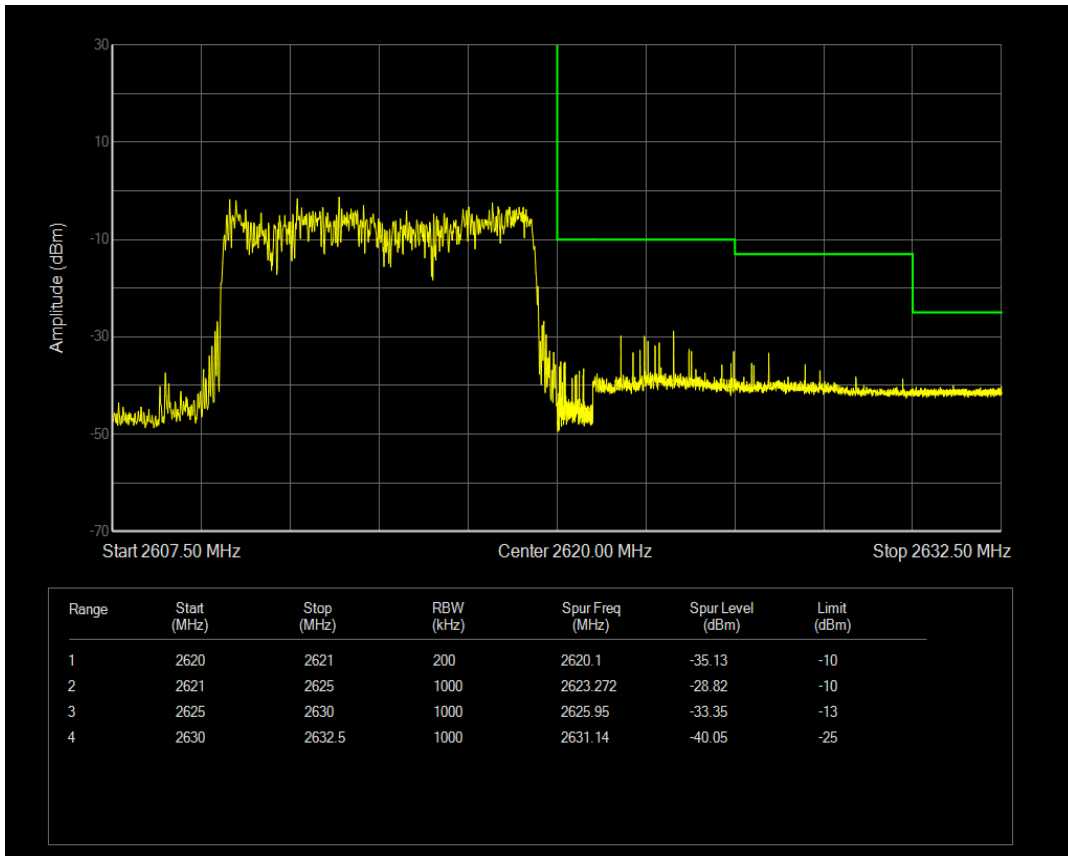
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=515000 RB=24@0



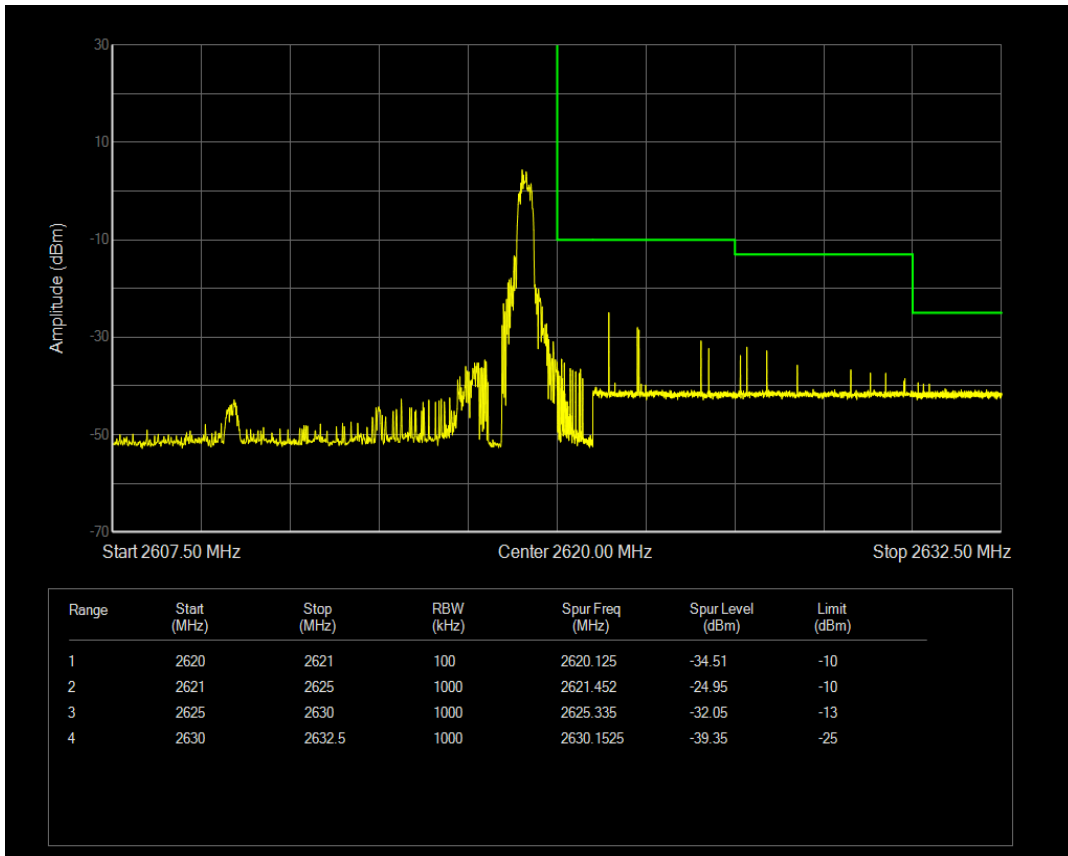
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=515000 RB=1@0



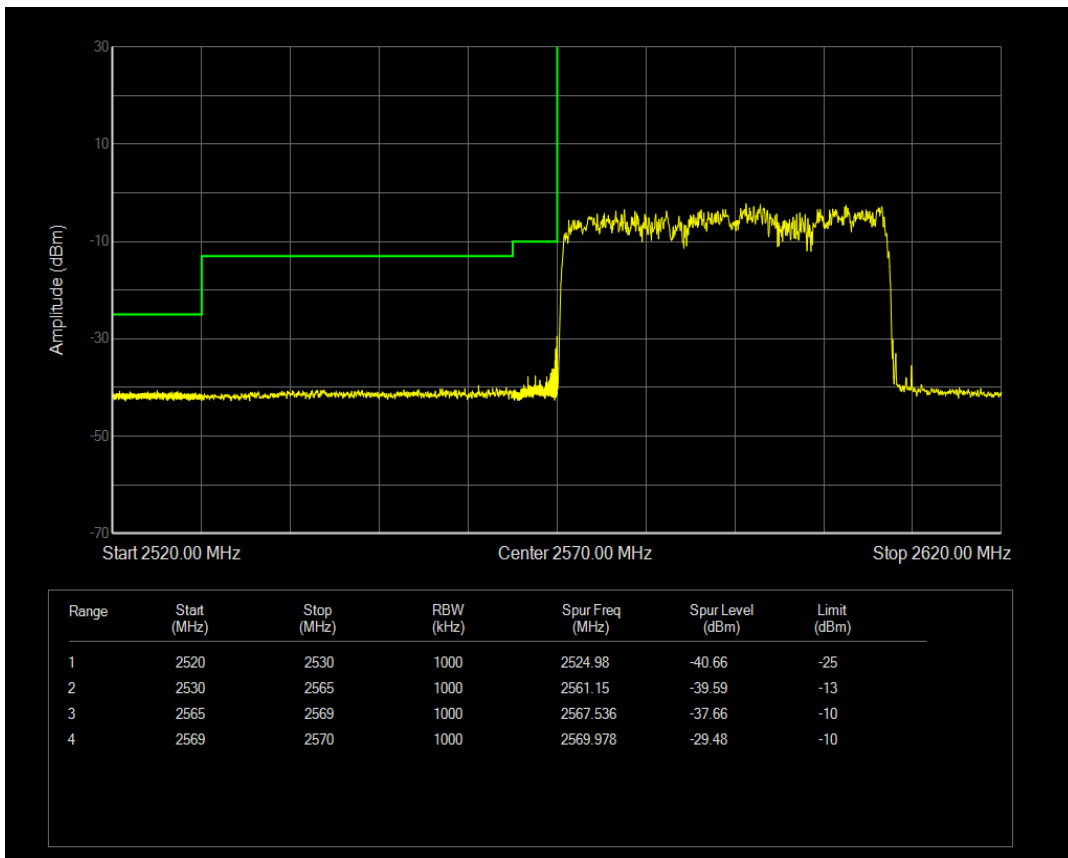
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=523000 RB=24@0



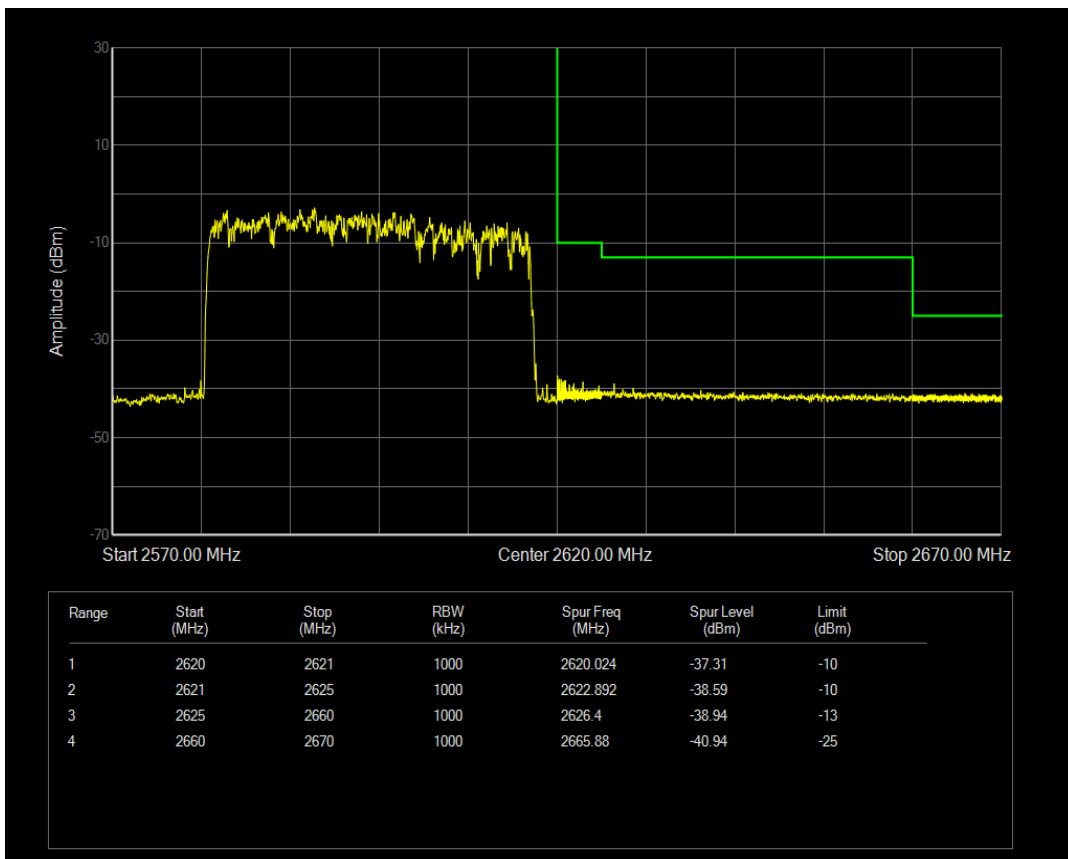
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=523000 RB=1@23



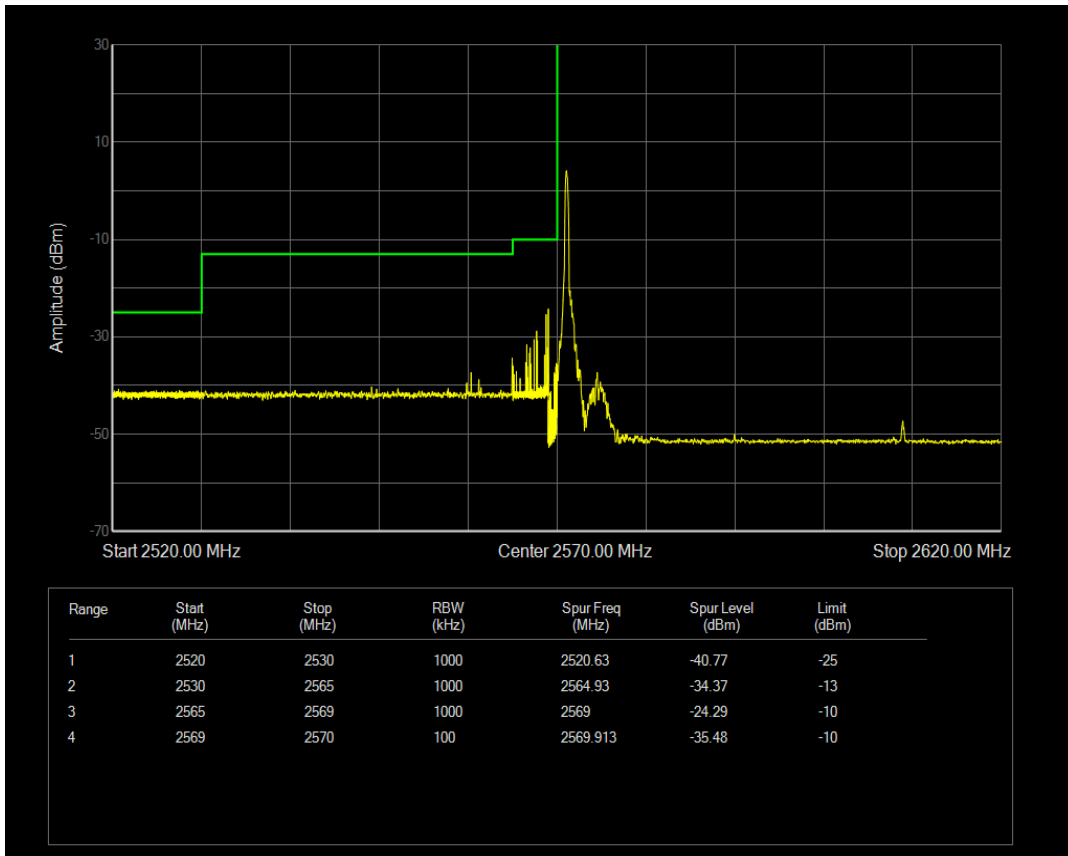
n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=518000 RB=100@0



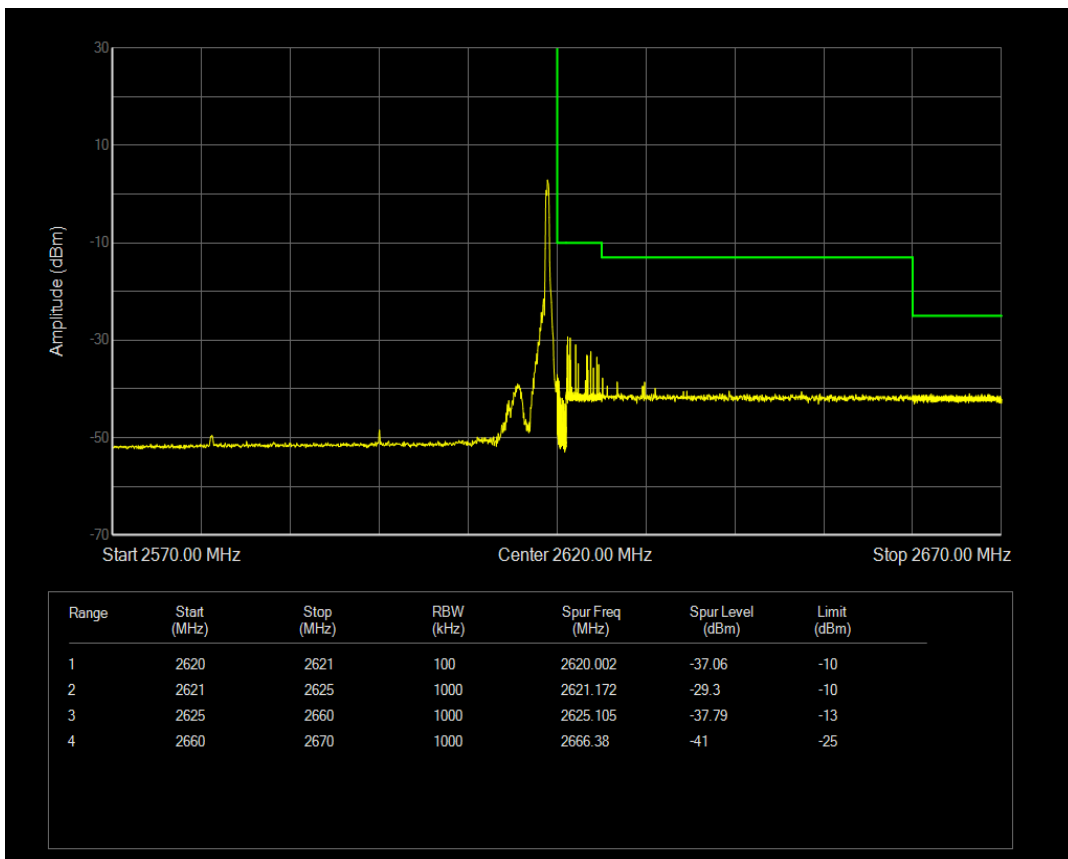
n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=520000 RB=100@0



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



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

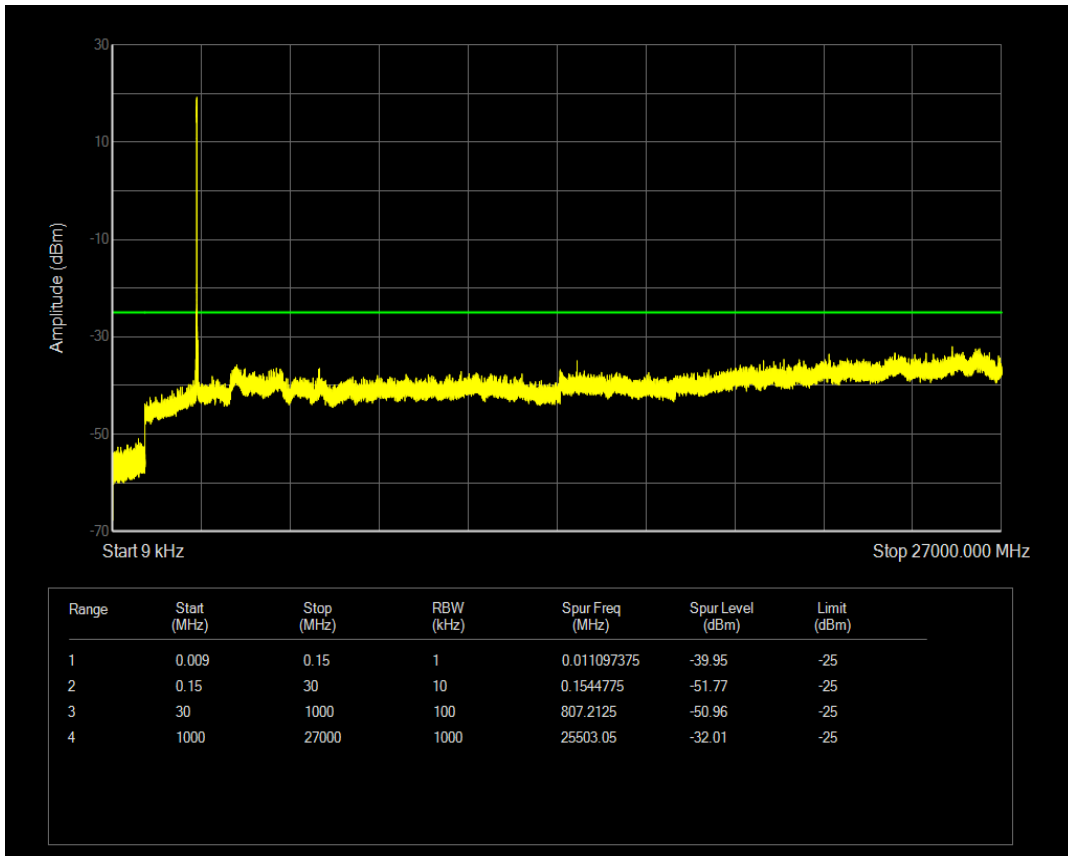


## 6 Out-of-band emissions for NR FR1

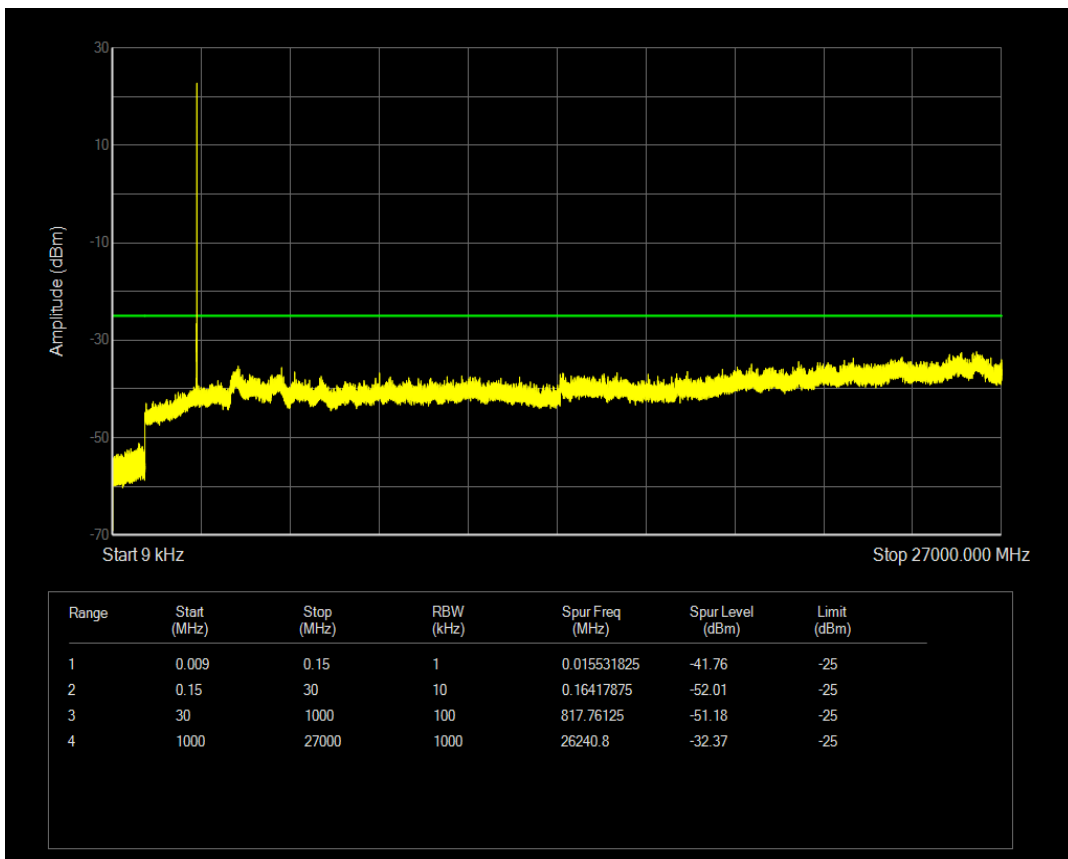
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n38	30	10	515000	24@0	DFT_QPSK	25503.05	-32.01	-25	PASS
n38	30	10	515000	1@0	DFT_QPSK	26217.40	-32.50	-25	PASS
n38	30	10	515000	1@23	DFT_QPSK	26240.80	-32.37	-25	PASS
n38	30	10	519000	24@0	DFT_QPSK	25417.90	-32.22	-25	PASS
n38	30	10	519000	1@0	DFT_QPSK	26207.00	-32.13	-25	PASS
n38	30	10	519000	1@23	DFT_QPSK	26257.05	-32.07	-25	PASS
n38	30	10	523000	24@0	DFT_QPSK	25612.90	-32.34	-25	PASS
n38	30	10	523000	1@0	DFT_QPSK	26191.40	-32.29	-25	PASS
n38	30	10	523000	1@23	DFT_QPSK	26255.10	-32.48	-25	PASS
n38	30	40	518000	100@0	DFT_QPSK	26233.65	-30.33	-25	PASS
n38	30	40	518000	1@0	DFT_QPSK	26204.40	-32.84	-25	PASS
n38	30	40	518000	1@105	DFT_QPSK	26280.45	-31.98	-25	PASS
n38	30	40	519000	100@0	DFT_QPSK	25629.80	-31.81	-25	PASS
n38	30	40	519000	1@0	DFT_QPSK	26272.65	-32.38	-25	PASS
n38	30	40	519000	1@105	DFT_QPSK	26370.80	-31.86	-25	PASS
n38	30	40	520000	100@0	DFT_QPSK	25699.35	-32.49	-25	PASS
n38	30	40	520000	1@0	DFT_QPSK	25789.70	-31.86	-25	PASS
n38	30	40	520000	1@105	DFT_QPSK	26247.95	-32.25	-25	PASS



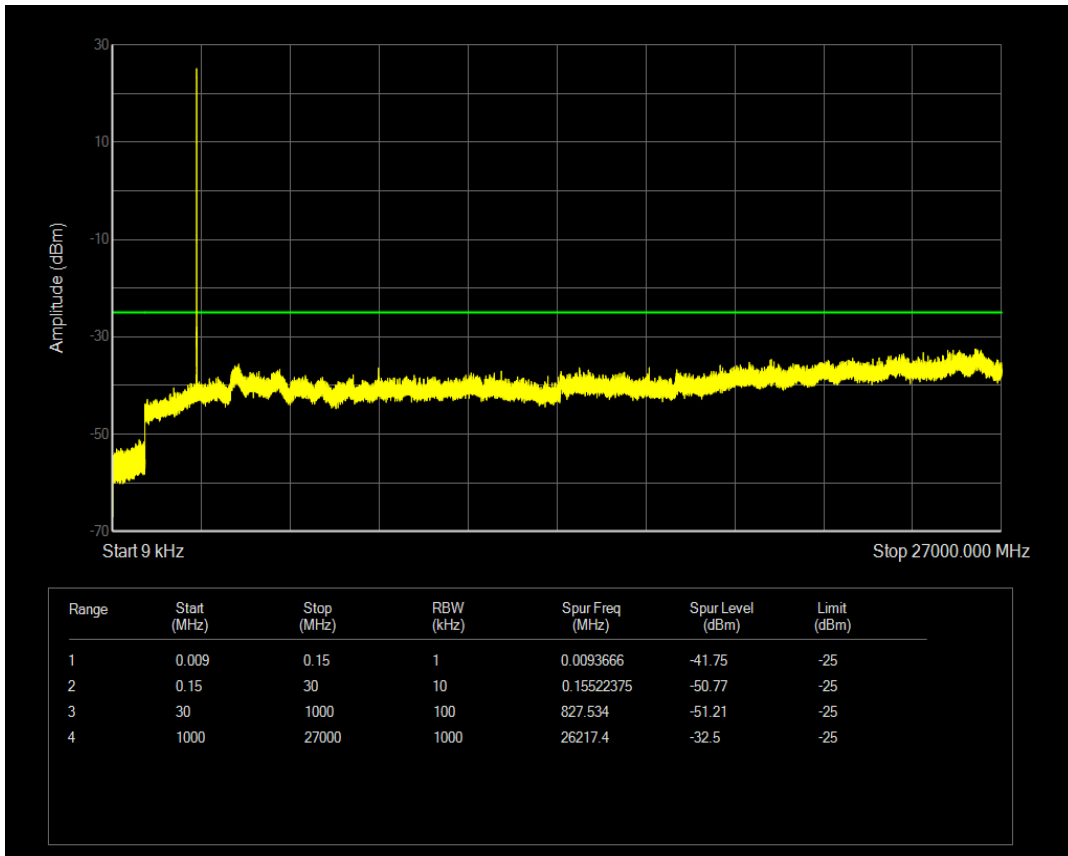
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=515000 RB=24@0



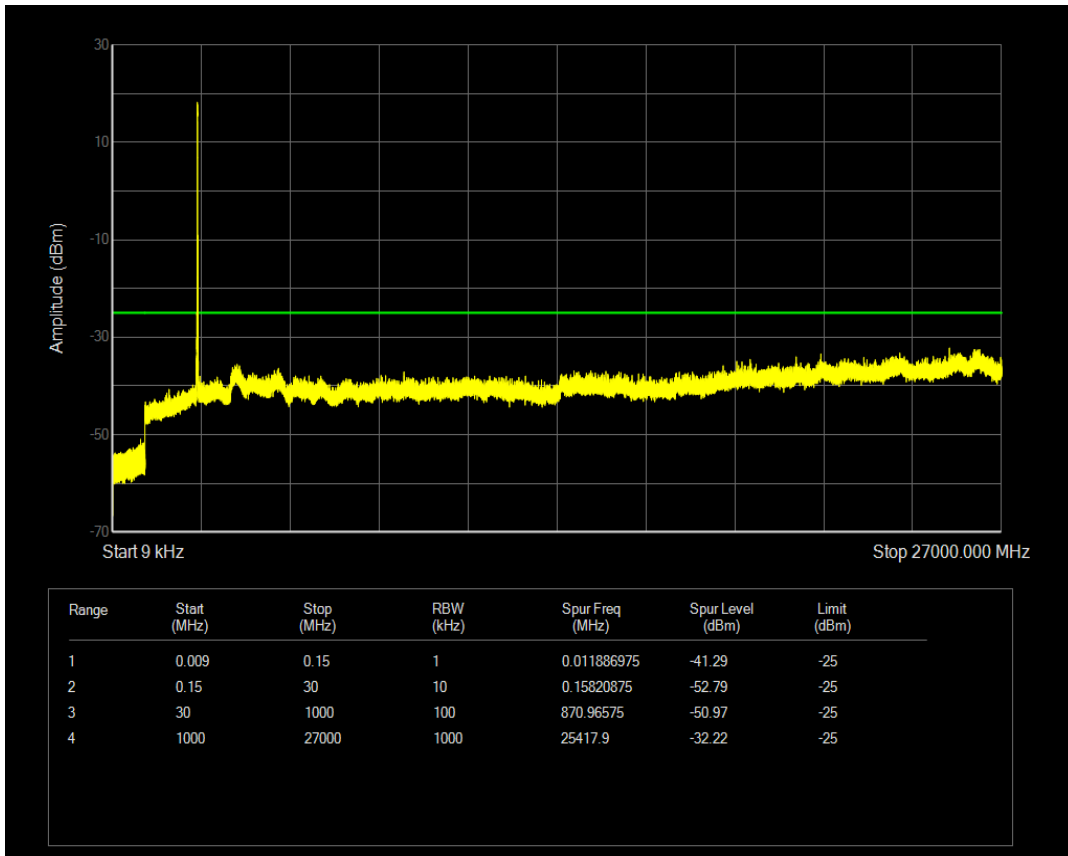
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=515000 RB=1@23



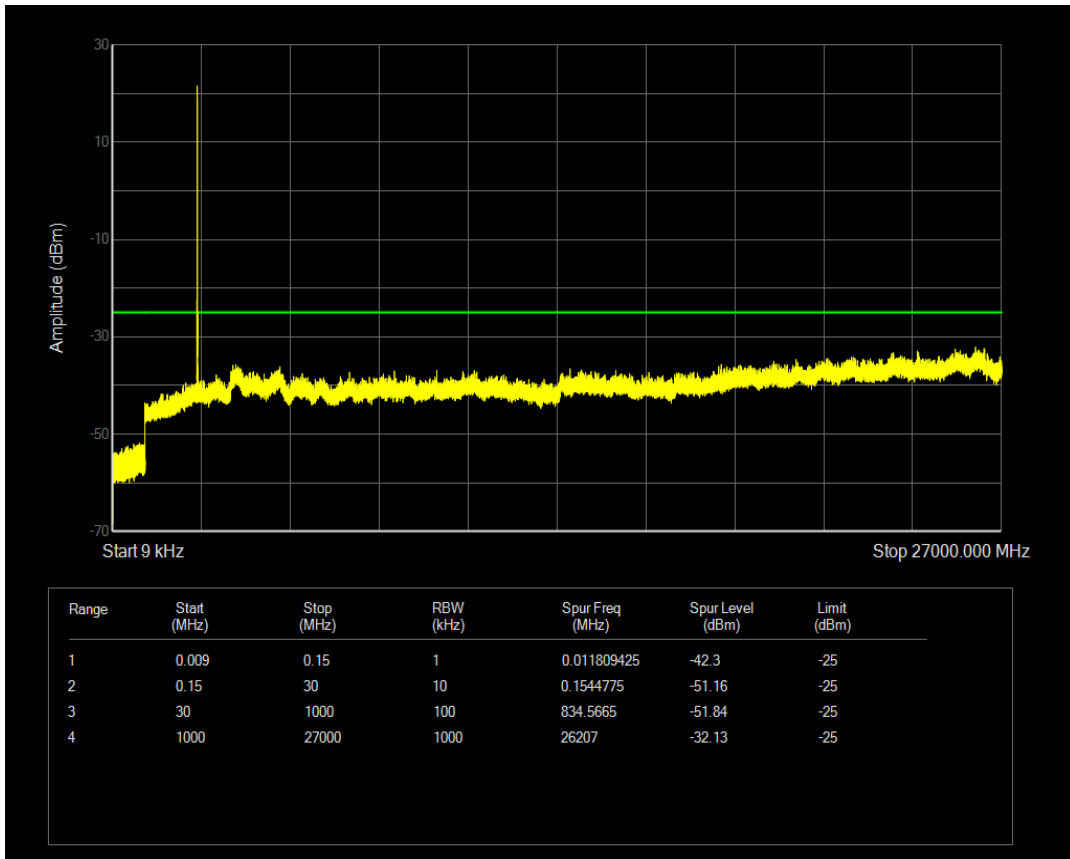
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=515000 RB=1@0



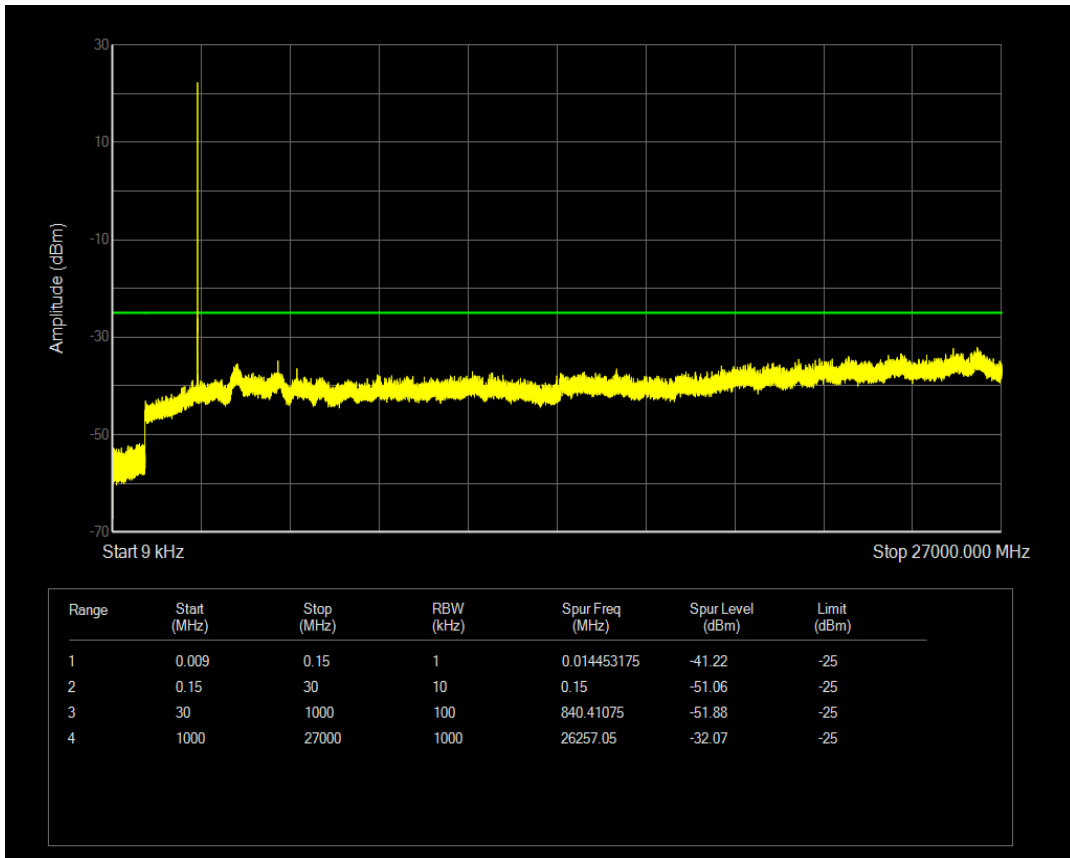
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=519000 RB=24@0



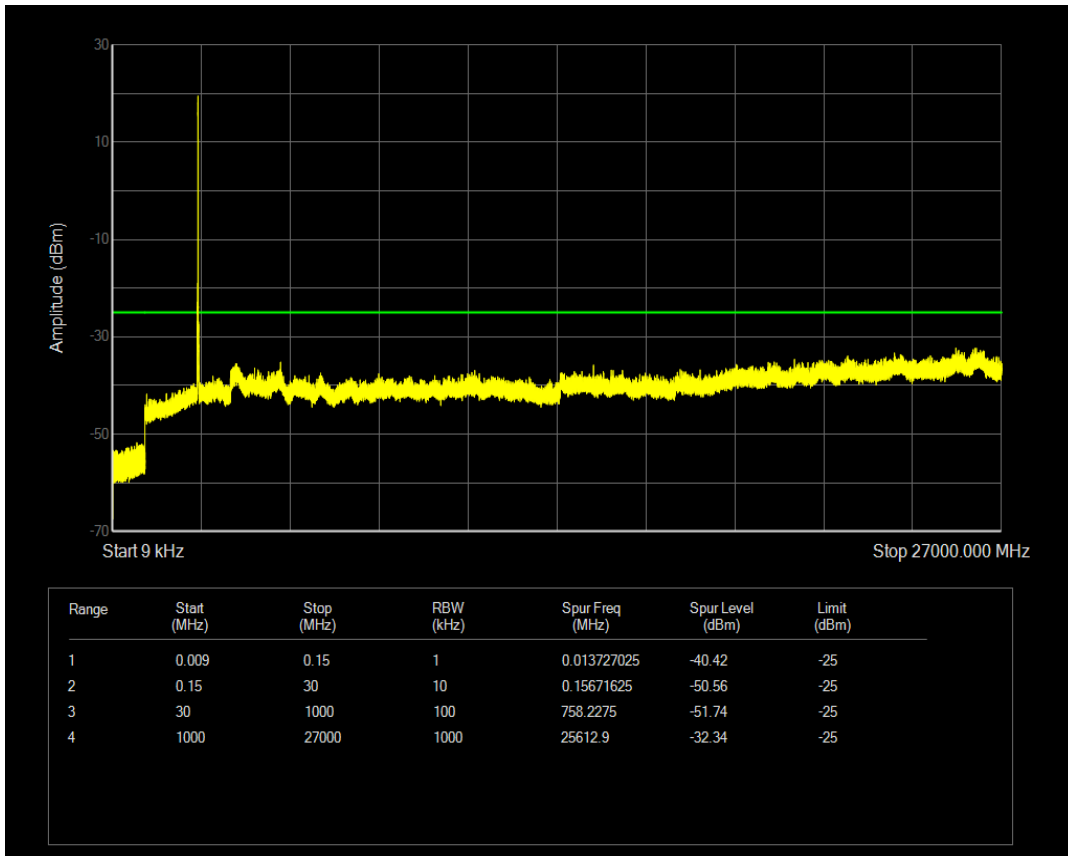
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=519000 RB=1@0



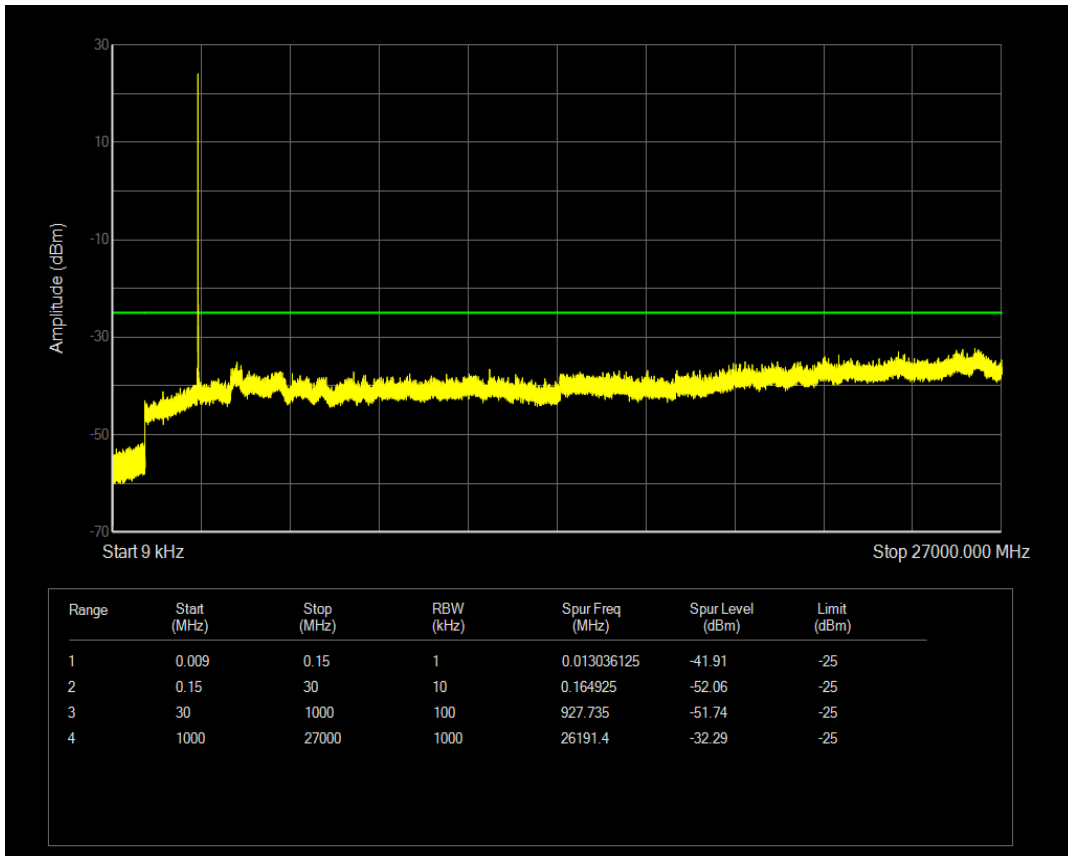
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=519000 RB=1@23



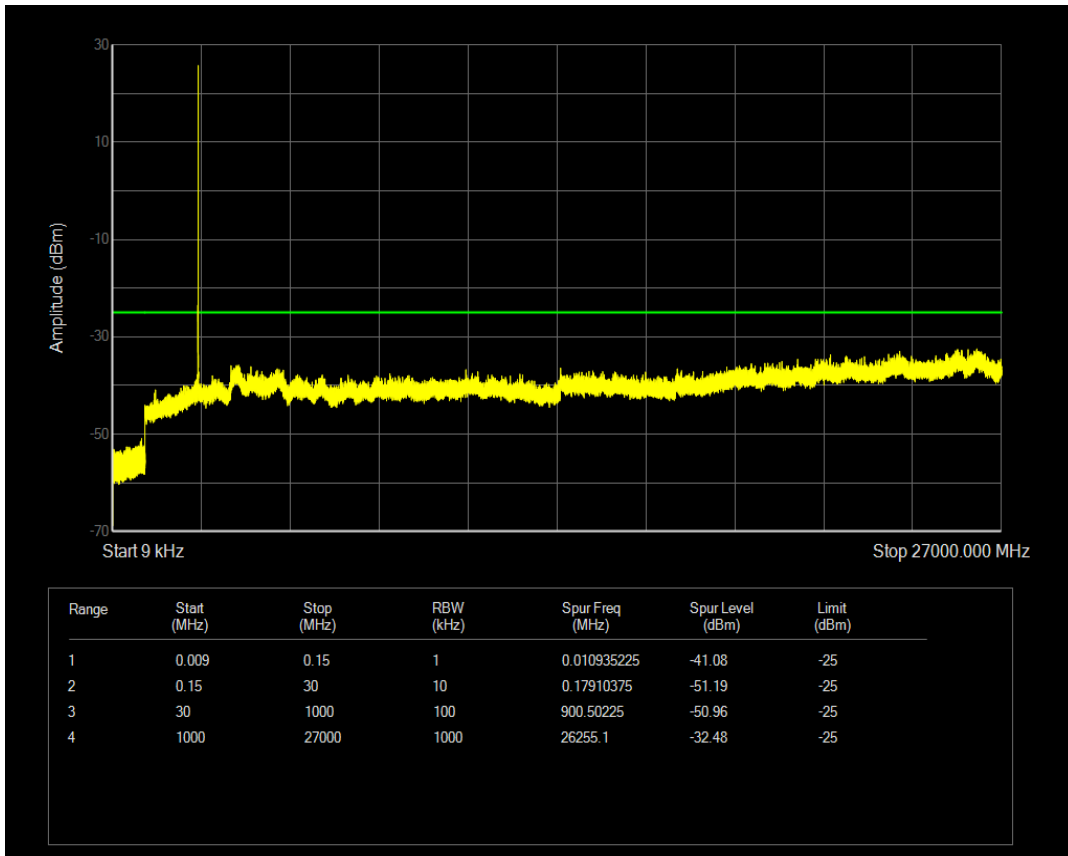
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=523000 RB=24@0



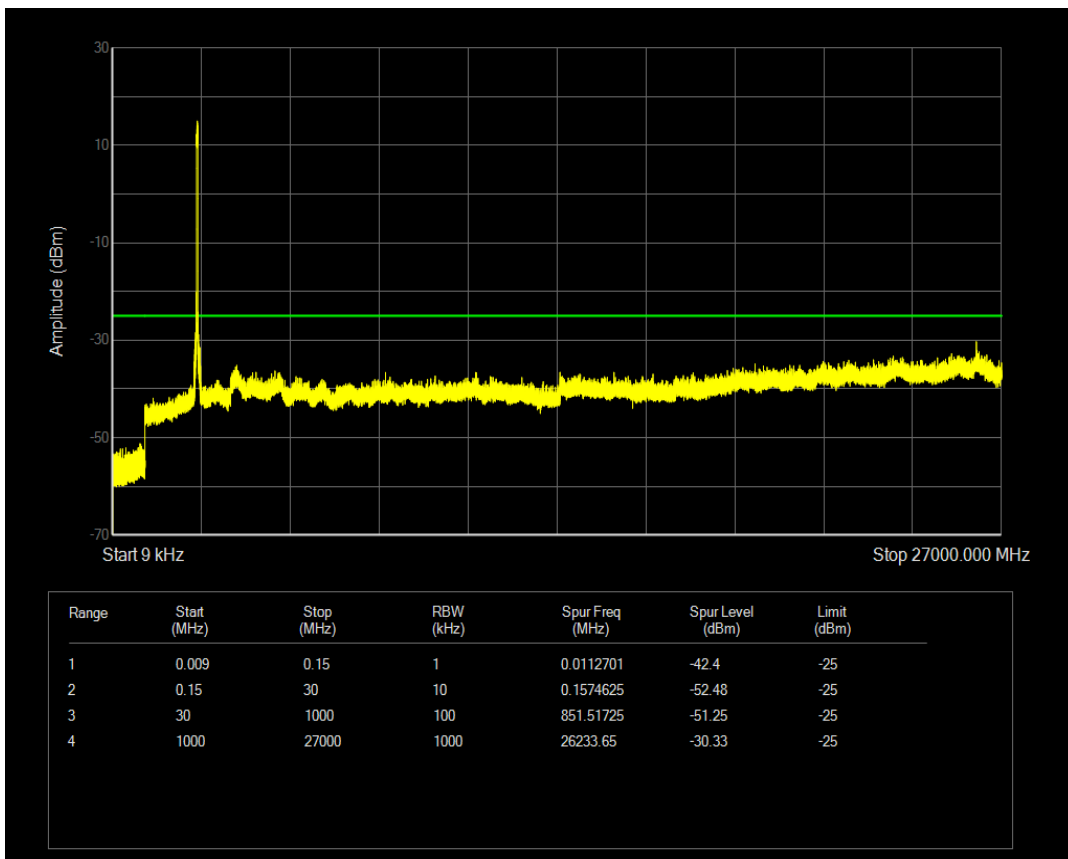
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=523000 RB=1@0



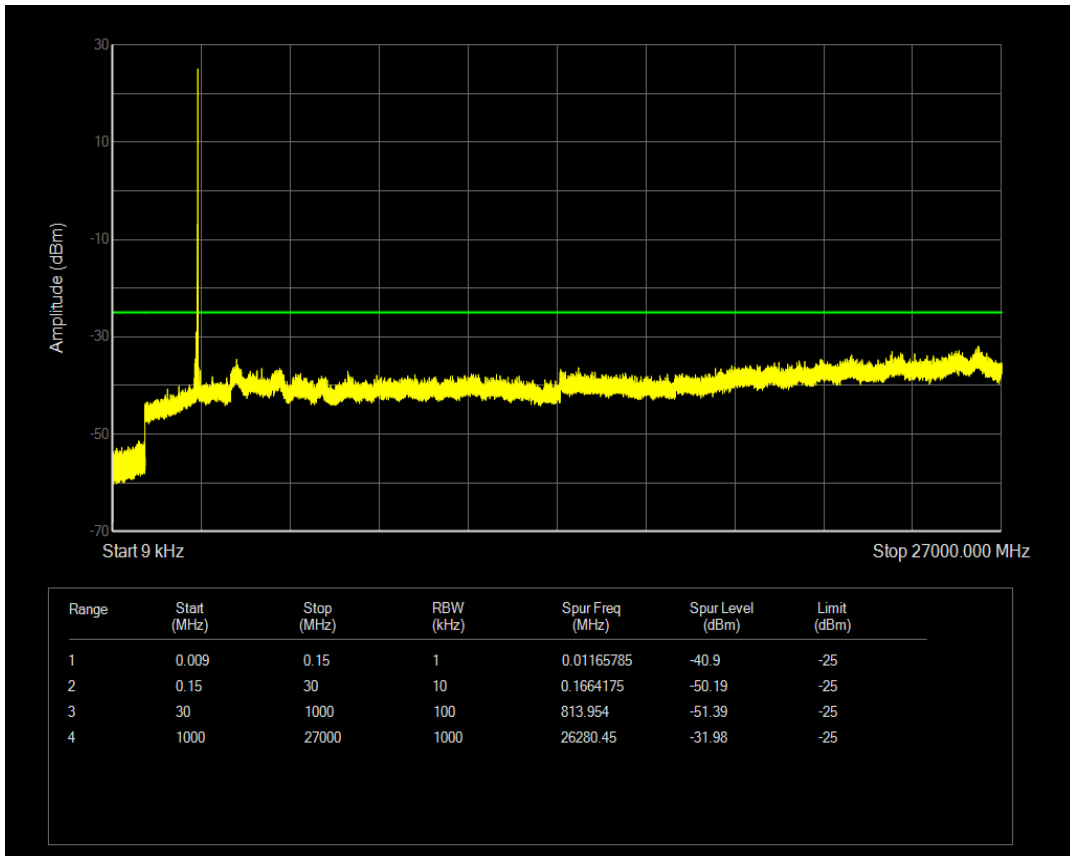
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=523000 RB=1 @23



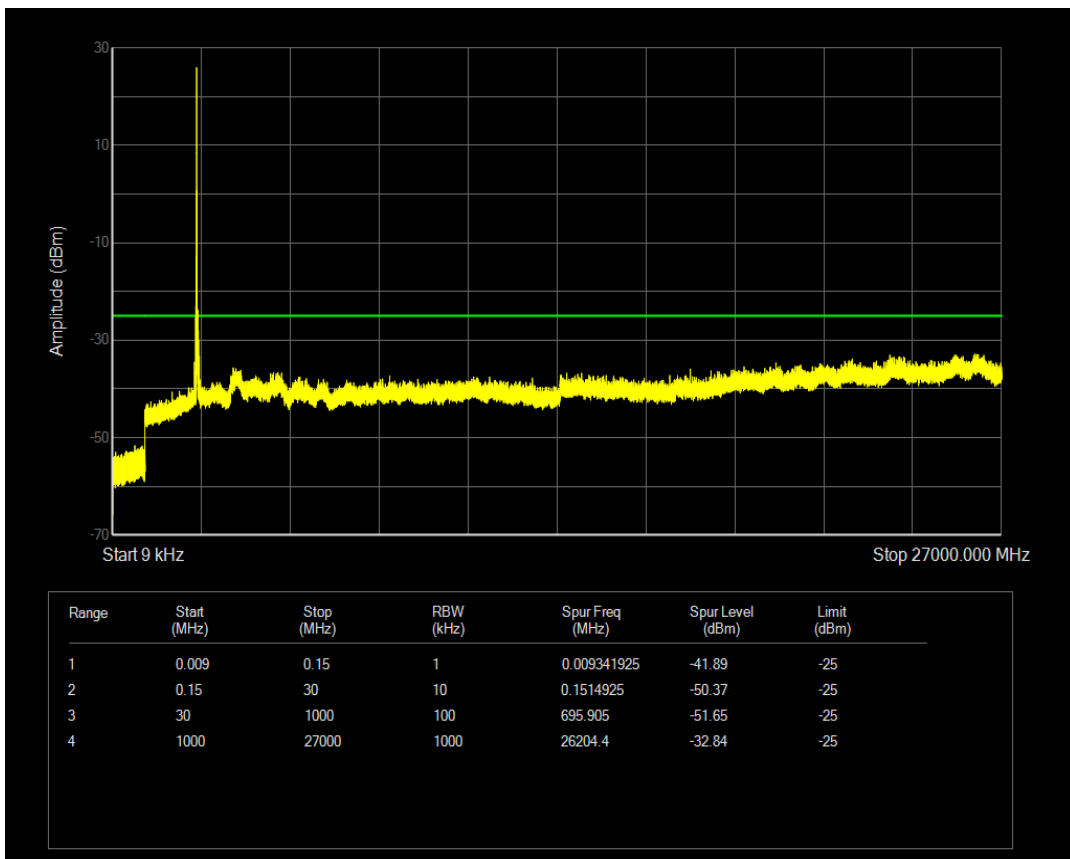
n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=518000 RB=100 @0



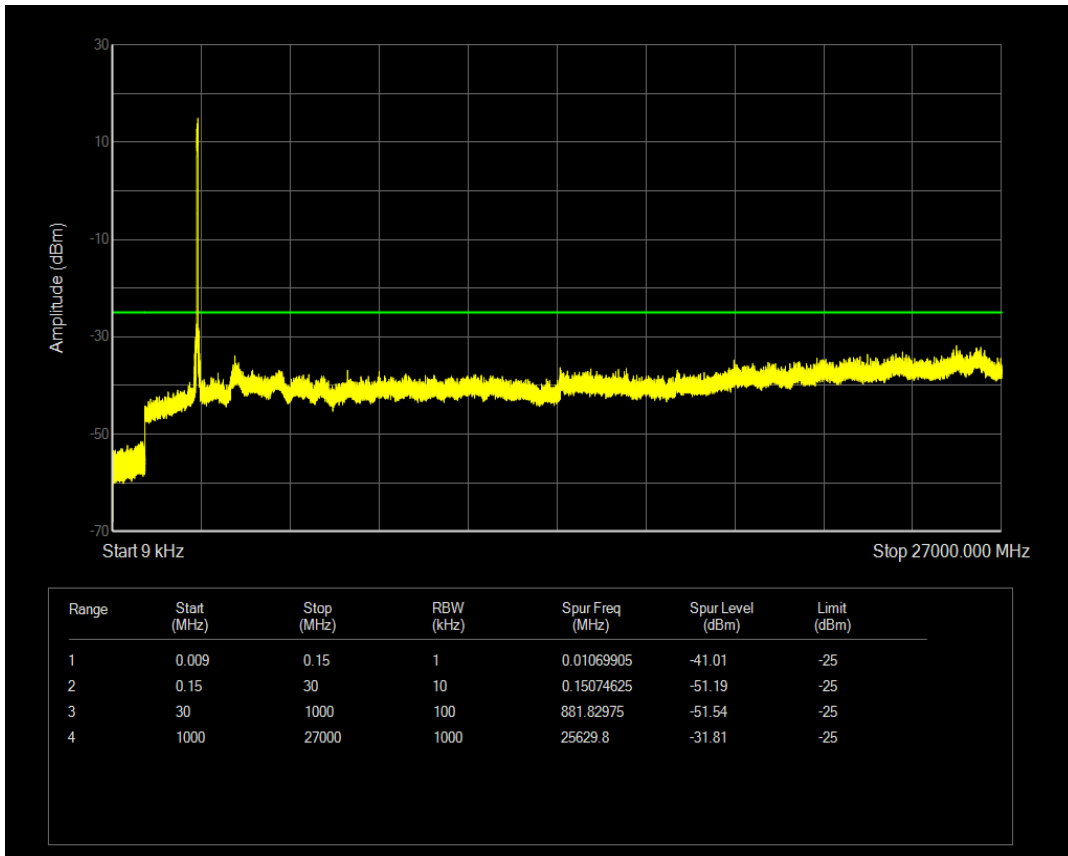
n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=518000 RB=1@105



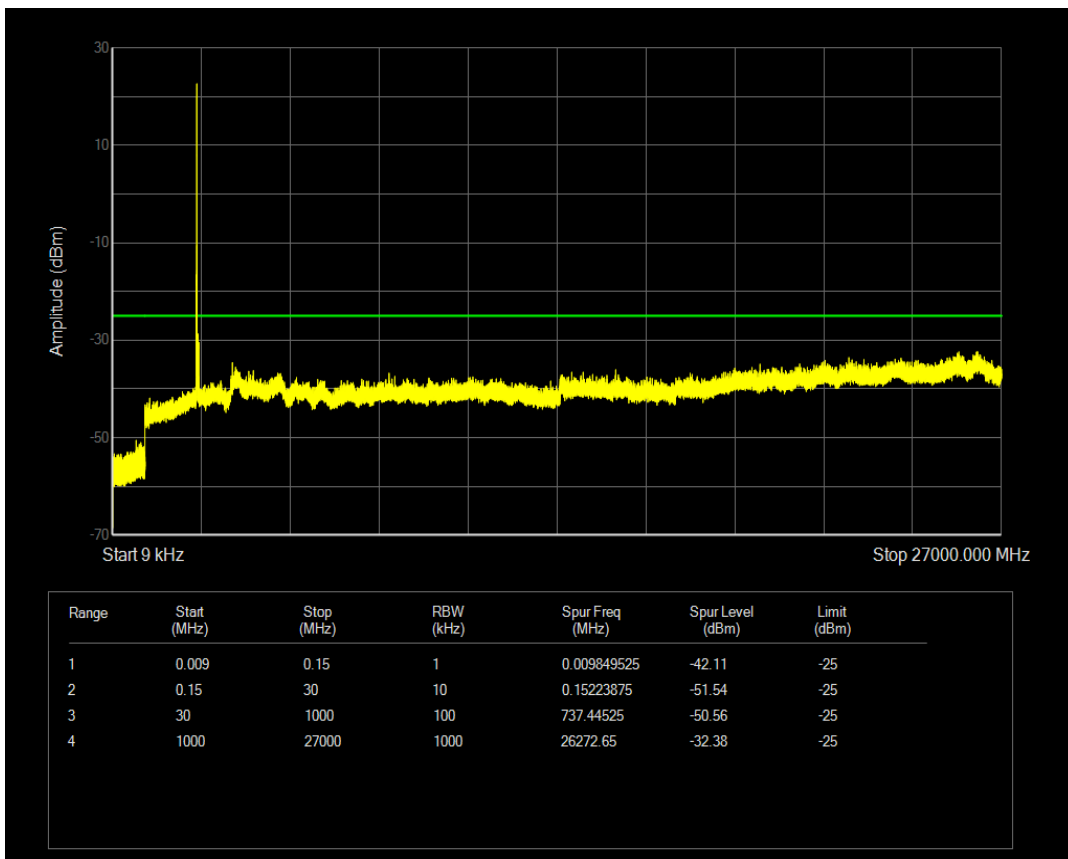
n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=518000 RB=1@0



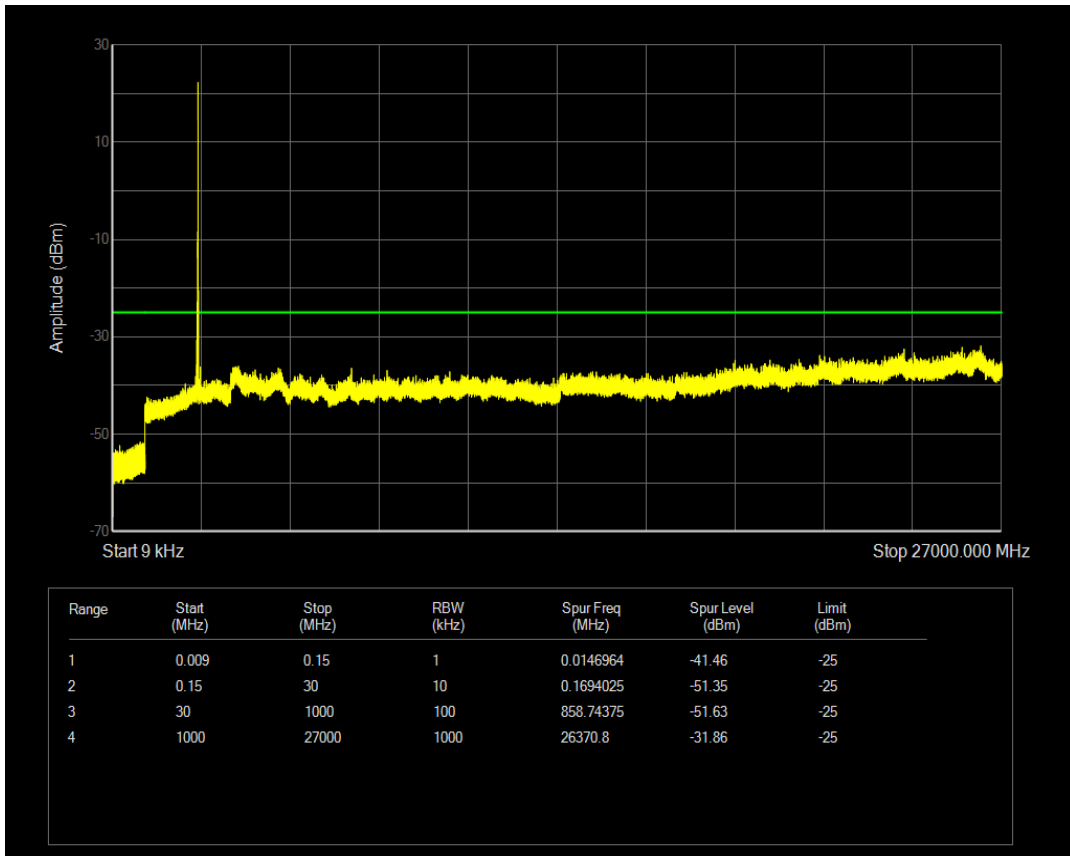
n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=519000 RB=100@0



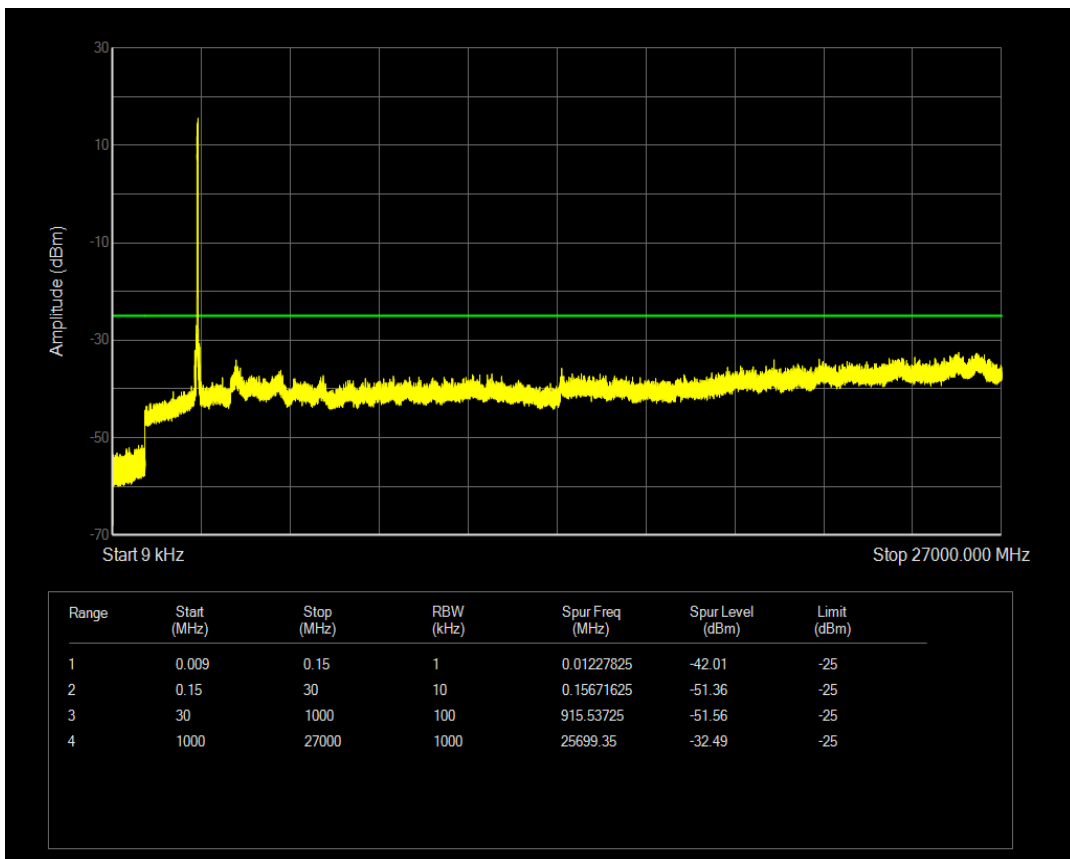
n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=519000 RB=1@0



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

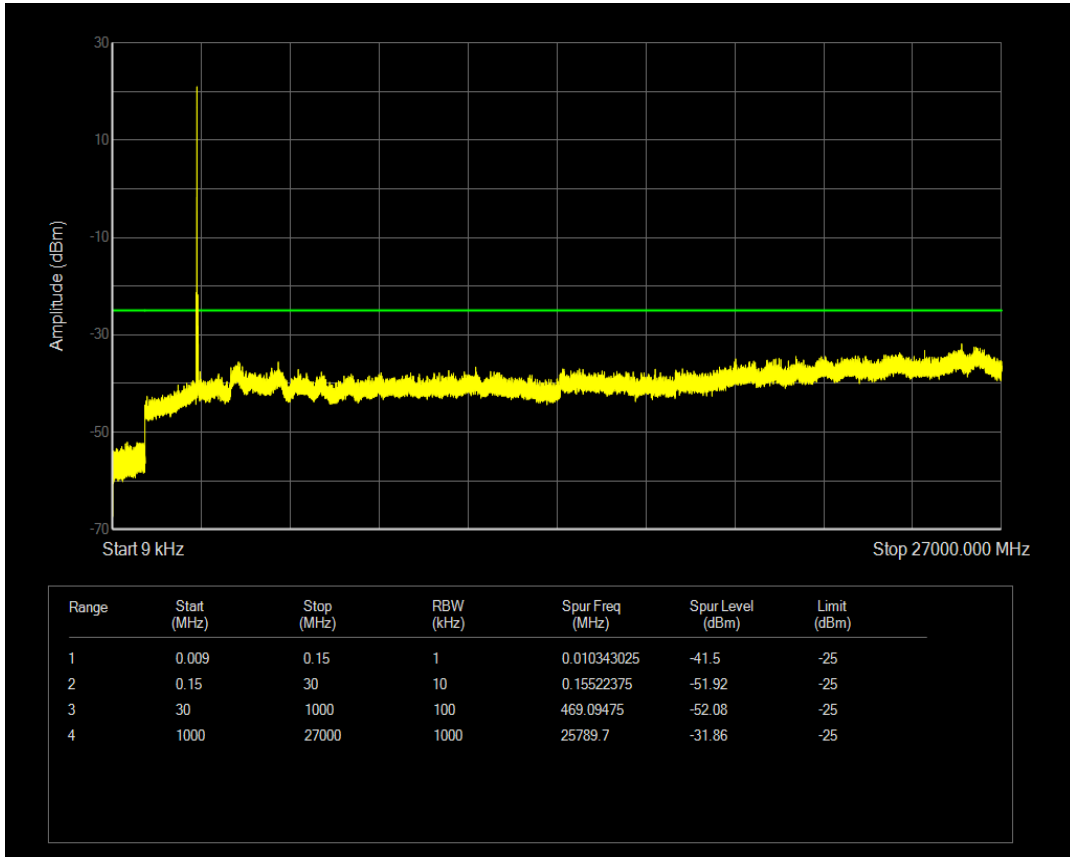


n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=520000 RB=100@0





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



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

