

### 1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
n38	30	10	515000	12@6	DFT_BPSK	24.06	23.66	33	PASS
n38	30	10	515000	1@1	DFT_BPSK	24.06	23.66	33	PASS
n38	30	10	515000	1@22	DFT_BPSK	23.99	23.59	33	PASS
n38	30	10	515000	12@6	DFT_QPSK	24.05	23.65	33	PASS
n38	30	10	515000	1@1	DFT_QPSK	23.89	23.49	33	PASS
n38	30	10	515000	1@22	DFT_QPSK	23.92	23.52	33	PASS
n38	30	10	515000	12@6	DFT_QAM16	23.04	22.64	33	PASS
n38	30	10	515000	1@1	DFT_QAM16	23.18	22.78	33	PASS
n38	30	10	515000	1@22	DFT_QAM16	23.16	22.76	33	PASS
n38	30	10	515000	12@6	DFT_QAM64	21.68	21.28	33	PASS
n38	30	10	515000	1@1	DFT_QAM64	22.07	21.67	33	PASS
n38	30	10	515000	1@22	DFT_QAM64	21.48	21.08	33	PASS
n38	30	10	515000	12@6	DFT_QAM256	19.85	19.45	33	PASS
n38	30	10	515000	1@1	DFT_QAM256	19.92	19.52	33	PASS
n38	30	10	515000	1@22	DFT_QAM256	19.96	19.56	33	PASS
n38	30	10	515000	12@6	CP_QPSK	22.49	22.09	33	PASS
n38	30	10	515000	1@1	CP_QPSK	22.53	22.13	33	PASS
n38	30	10	515000	1@22	CP_QPSK	22.44	22.04	33	PASS
n38	30	10	515000	12@6	CP_QAM16	21.98	21.58	33	PASS
n38	30	10	515000	1@1	CP_QAM16	22.36	21.96	33	PASS
n38	30	10	515000	1@22	CP_QAM16	22.45	22.05	33	PASS
n38	30	10	515000	12@6	CP_QAM64	20.92	20.52	33	PASS
n38	30	10	515000	1@1	CP_QAM64	21.79	21.39	33	PASS
n38	30	10	515000	1@22	CP_QAM64	21.73	21.33	33	PASS
n38	30	10	515000	12@6	CP_QAM256	17.76	17.36	33	PASS
n38	30	10	515000	1@1	CP_QAM256	18.96	18.56	33	PASS
n38	30	10	515000	1@22	CP_QAM256	18.89	18.49	33	PASS
n38	30	10	519000	12@6	DFT_BPSK	23.92	23.52	33	PASS
n38	30	10	519000	1@1	DFT_BPSK	23.94	23.54	33	PASS
n38	30	10	519000	1@22	DFT_BPSK	23.97	23.57	33	PASS
n38	30	10	519000	12@6	DFT_QPSK	23.93	23.53	33	PASS
n38	30	10	519000	1@1	DFT_QPSK	23.83	23.43	33	PASS
n38	30	10	519000	1@22	DFT_QPSK	23.88	23.48	33	PASS
n38	30	10	519000	12@6	DFT_QAM16	23.04	22.64	33	PASS
n38	30	10	519000	1@1	DFT_QAM16	23.06	22.66	33	PASS
n38	30	10	519000	1@22	DFT_QAM16	23.44	23.04	33	PASS
n38	30	10	519000	12@6	DFT_QAM64	21.45	21.05	33	PASS
n38	30	10	519000	1@1	DFT_QAM64	21.35	20.95	33	PASS
n38	30	10	519000	1@22	DFT_QAM64	21.70	21.3	33	PASS

n38	30	10	519000	12@6	DFT_QAM256	19.86	19.46	33	PASS
n38	30	10	519000	1@1	DFT_QAM256	19.37	18.97	33	PASS
n38	30	10	519000	1@22	DFT_QAM256	19.92	19.52	33	PASS
n38	30	10	519000	12@6	CP_QPSK	22.31	21.91	33	PASS
n38	30	10	519000	1@1	CP_QPSK	22.41	22.01	33	PASS
n38	30	10	519000	1@22	CP_QPSK	22.53	22.13	33	PASS
n38	30	10	519000	12@6	CP_QAM16	21.80	21.4	33	PASS
n38	30	10	519000	1@1	CP_QAM16	22.46	22.06	33	PASS
n38	30	10	519000	1@22	CP_QAM16	22.31	21.91	33	PASS
n38	30	10	519000	12@6	CP_QAM64	20.93	20.53	33	PASS
n38	30	10	519000	1@1	CP_QAM64	21.31	20.91	33	PASS
n38	30	10	519000	1@22	CP_QAM64	21.51	21.11	33	PASS
n38	30	10	519000	12@6	CP_QAM256	17.79	17.39	33	PASS
n38	30	10	519000	1@1	CP_QAM256	18.61	18.21	33	PASS
n38	30	10	519000	1@22	CP_QAM256	18.74	18.34	33	PASS
n38	30	10	523000	12@6	DFT_BPSK	23.94	23.54	33	PASS
n38	30	10	523000	1@1	DFT_BPSK	23.94	23.54	33	PASS
n38	30	10	523000	1@22	DFT_BPSK	23.95	23.55	33	PASS
n38	30	10	523000	12@6	DFT_QPSK	23.87	23.47	33	PASS
n38	30	10	523000	1@1	DFT_QPSK	23.87	23.47	33	PASS
n38	30	10	523000	1@22	DFT_QPSK	23.83	23.43	33	PASS
n38	30	10	523000	12@6	DFT_QAM16	23.03	22.63	33	PASS
n38	30	10	523000	1@1	DFT_QAM16	23.32	22.92	33	PASS
n38	30	10	523000	1@22	DFT_QAM16	22.79	22.39	33	PASS
n38	30	10	523000	12@6	DFT_QAM64	21.53	21.13	33	PASS
n38	30	10	523000	1@1	DFT_QAM64	22.02	21.62	33	PASS
n38	30	10	523000	1@22	DFT_QAM64	21.97	21.57	33	PASS
n38	30	10	523000	12@6	DFT_QAM256	19.83	19.43	33	PASS
n38	30	10	523000	1@1	DFT_QAM256	19.62	19.22	33	PASS
n38	30	10	523000	1@22	DFT_QAM256	19.92	19.52	33	PASS
n38	30	10	523000	12@6	CP_QPSK	22.27	21.87	33	PASS
n38	30	10	523000	1@1	CP_QPSK	22.59	22.19	33	PASS
n38	30	10	523000	1@22	CP_QPSK	22.48	22.08	33	PASS
n38	30	10	523000	12@6	CP_QAM16	21.91	21.51	33	PASS
n38	30	10	523000	1@1	CP_QAM16	22.22	21.82	33	PASS
n38	30	10	523000	1@22	CP_QAM16	22.24	21.84	33	PASS
n38	30	10	523000	12@6	CP_QAM64	20.90	20.5	33	PASS
n38	30	10	523000	1@1	CP_QAM64	21.80	21.4	33	PASS
n38	30	10	523000	1@22	CP_QAM64	21.78	21.38	33	PASS
n38	30	10	523000	12@6	CP_QAM256	17.84	17.44	33	PASS
n38	30	10	523000	1@1	CP_QAM256	19.04	18.64	33	PASS
n38	30	10	523000	1@22	CP_QAM256	18.96	18.56	33	PASS
n38	30	15	515500	18@9	DFT_BPSK	24.02	23.62	33	PASS
n38	30	15	515500	1@1	DFT_BPSK	24.13	23.73	33	PASS

n38	30	15	515500	1@36	DFT_BPSK	24.04	23.64	33	PASS
n38	30	15	515500	18@9	DFT_QPSK	24.09	23.69	33	PASS
n38	30	15	515500	1@1	DFT_QPSK	23.91	23.51	33	PASS
n38	30	15	515500	1@36	DFT_QPSK	23.92	23.52	33	PASS
n38	30	15	515500	18@9	DFT_QAM16	23.15	22.75	33	PASS
n38	30	15	515500	1@1	DFT_QAM16	23.54	23.14	33	PASS
n38	30	15	515500	1@36	DFT_QAM16	23.13	22.73	33	PASS
n38	30	15	515500	18@9	DFT_QAM64	21.48	21.08	33	PASS
n38	30	15	515500	1@1	DFT_QAM64	21.45	21.05	33	PASS
n38	30	15	515500	1@36	DFT_QAM64	21.77	21.37	33	PASS
n38	30	15	515500	18@9	DFT_QAM256	19.83	19.43	33	PASS
n38	30	15	515500	1@1	DFT_QAM256	19.53	19.13	33	PASS
n38	30	15	515500	1@36	DFT_QAM256	20.02	19.62	33	PASS
n38	30	15	515500	19@9	CP_QPSK	22.42	22.02	33	PASS
n38	30	15	515500	1@1	CP_QPSK	22.52	22.12	33	PASS
n38	30	15	515500	1@36	CP_QPSK	22.52	22.12	33	PASS
n38	30	15	515500	19@9	CP_QAM16	21.98	21.58	33	PASS
n38	30	15	515500	1@1	CP_QAM16	22.56	22.16	33	PASS
n38	30	15	515500	1@36	CP_QAM16	22.67	22.27	33	PASS
n38	30	15	515500	19@9	CP_QAM64	20.91	20.51	33	PASS
n38	30	15	515500	1@1	CP_QAM64	21.63	21.23	33	PASS
n38	30	15	515500	1@36	CP_QAM64	21.66	21.26	33	PASS
n38	30	15	515500	19@9	CP_QAM256	17.84	17.44	33	PASS
n38	30	15	515500	1@1	CP_QAM256	18.65	18.25	33	PASS
n38	30	15	515500	1@36	CP_QAM256	18.60	18.2	33	PASS
n38	30	15	519000	18@9	DFT_BPSK	23.94	23.54	33	PASS
n38	30	15	519000	1@1	DFT_BPSK	23.92	23.52	33	PASS
n38	30	15	519000	1@36	DFT_BPSK	23.96	23.56	33	PASS
n38	30	15	519000	18@9	DFT_QPSK	23.90	23.5	33	PASS
n38	30	15	519000	1@1	DFT_QPSK	23.76	23.36	33	PASS
n38	30	15	519000	1@36	DFT_QPSK	23.74	23.34	33	PASS
n38	30	15	519000	18@9	DFT_QAM16	23.03	22.63	33	PASS
n38	30	15	519000	1@1	DFT_QAM16	23.04	22.64	33	PASS
n38	30	15	519000	1@36	DFT_QAM16	23.04	22.64	33	PASS
n38	30	15	519000	18@9	DFT_QAM64	21.33	20.93	33	PASS
n38	30	15	519000	1@1	DFT_QAM64	21.29	20.89	33	PASS
n38	30	15	519000	1@36	DFT_QAM64	21.61	21.21	33	PASS
n38	30	15	519000	18@9	DFT_QAM256	19.71	19.31	33	PASS
n38	30	15	519000	1@1	DFT_QAM256	19.51	19.11	33	PASS
n38	30	15	519000	1@36	DFT_QAM256	19.57	19.17	33	PASS
n38	30	15	519000	19@9	CP_QPSK	22.37	21.97	33	PASS
n38	30	15	519000	1@1	CP_QPSK	22.39	21.99	33	PASS
n38	30	15	519000	1@36	CP_QPSK	22.50	22.1	33	PASS
n38	30	15	519000	19@9	CP_QAM16	21.87	21.47	33	PASS

n38	30	15	519000	1@1	CP_QAM16	22.20	21.8	33	PASS
n38	30	15	519000	1@36	CP_QAM16	21.56	21.16	33	PASS
n38	30	15	519000	19@9	CP_QAM64	20.87	20.47	33	PASS
n38	30	15	519000	1@1	CP_QAM64	21.28	20.88	33	PASS
n38	30	15	519000	1@36	CP_QAM64	21.43	21.03	33	PASS
n38	30	15	519000	19@9	CP_QAM256	17.74	17.34	33	PASS
n38	30	15	519000	1@1	CP_QAM256	18.31	17.91	33	PASS
n38	30	15	519000	1@36	CP_QAM256	18.49	18.09	33	PASS
n38	30	15	522500	18@9	DFT_BPSK	24.05	23.65	33	PASS
n38	30	15	522500	1@1	DFT_BPSK	23.97	23.57	33	PASS
n38	30	15	522500	1@36	DFT_BPSK	23.98	23.58	33	PASS
n38	30	15	522500	18@9	DFT_QPSK	23.99	23.59	33	PASS
n38	30	15	522500	1@1	DFT_QPSK	23.80	23.4	33	PASS
n38	30	15	522500	1@36	DFT_QPSK	23.83	23.43	33	PASS
n38	30	15	522500	18@9	DFT_QAM16	23.15	22.75	33	PASS
n38	30	15	522500	1@1	DFT_QAM16	23.10	22.7	33	PASS
n38	30	15	522500	1@36	DFT_QAM16	23.04	22.64	33	PASS
n38	30	15	522500	18@9	DFT_QAM64	21.40	21	33	PASS
n38	30	15	522500	1@1	DFT_QAM64	21.54	21.14	33	PASS
n38	30	15	522500	1@36	DFT_QAM64	21.22	20.82	33	PASS
n38	30	15	522500	18@9	DFT_QAM256	19.73	19.33	33	PASS
n38	30	15	522500	1@1	DFT_QAM256	19.59	19.19	33	PASS
n38	30	15	522500	1@36	DFT_QAM256	19.95	19.55	33	PASS
n38	30	15	522500	19@9	CP_QPSK	22.38	21.98	33	PASS
n38	30	15	522500	1@1	CP_QPSK	22.54	22.14	33	PASS
n38	30	15	522500	1@36	CP_QPSK	22.58	22.18	33	PASS
n38	30	15	522500	19@9	CP_QAM16	22.00	21.6	33	PASS
n38	30	15	522500	1@1	CP_QAM16	22.24	21.84	33	PASS
n38	30	15	522500	1@36	CP_QAM16	22.21	21.81	33	PASS
n38	30	15	522500	19@9	CP_QAM64	20.98	20.58	33	PASS
n38	30	15	522500	1@1	CP_QAM64	21.40	21	33	PASS
n38	30	15	522500	1@36	CP_QAM64	21.47	21.07	33	PASS
n38	30	15	522500	19@9	CP_QAM256	17.75	17.35	33	PASS
n38	30	15	522500	1@1	CP_QAM256	18.57	18.17	33	PASS
n38	30	15	522500	1@36	CP_QAM256	18.43	18.03	33	PASS
n38	30	20	516000	25@12	DFT_BPSK	24.12	23.72	33	PASS
n38	30	20	516000	1@1	DFT_BPSK	24.08	23.68	33	PASS
n38	30	20	516000	1@49	DFT_BPSK	24.00	23.6	33	PASS
n38	30	20	516000	25@12	DFT_QPSK	24.18	23.78	33	PASS
n38	30	20	516000	1@1	DFT_QPSK	23.91	23.51	33	PASS
n38	30	20	516000	1@49	DFT_QPSK	23.86	23.46	33	PASS
n38	30	20	516000	25@12	DFT_QAM16	23.03	22.63	33	PASS
n38	30	20	516000	1@1	DFT_QAM16	23.35	22.95	33	PASS
n38	30	20	516000	1@49	DFT_QAM16	23.21	22.81	33	PASS

n38	30	20	516000	25@12	DFT_QAM64	21.58	21.18	33	PASS
n38	30	20	516000	1@1	DFT_QAM64	21.78	21.38	33	PASS
n38	30	20	516000	1@49	DFT_QAM64	21.50	21.1	33	PASS
n38	30	20	516000	25@12	DFT_QAM256	19.96	19.56	33	PASS
n38	30	20	516000	1@1	DFT_QAM256	19.57	19.17	33	PASS
n38	30	20	516000	1@49	DFT_QAM256	19.96	19.56	33	PASS
n38	30	20	516000	25@12	CP_QPSK	22.57	22.17	33	PASS
n38	30	20	516000	1@1	CP_QPSK	22.68	22.28	33	PASS
n38	30	20	516000	1@49	CP_QPSK	22.56	22.16	33	PASS
n38	30	20	516000	25@12	CP_QAM16	22.07	21.67	33	PASS
n38	30	20	516000	1@1	CP_QAM16	22.44	22.04	33	PASS
n38	30	20	516000	1@49	CP_QAM16	21.65	21.25	33	PASS
n38	30	20	516000	25@12	CP_QAM64	20.88	20.48	33	PASS
n38	30	20	516000	1@1	CP_QAM64	21.30	20.9	33	PASS
n38	30	20	516000	1@49	CP_QAM64	21.36	20.96	33	PASS
n38	30	20	516000	25@12	CP_QAM256	17.79	17.39	33	PASS
n38	30	20	516000	1@1	CP_QAM256	18.52	18.12	33	PASS
n38	30	20	516000	1@49	CP_QAM256	18.37	17.97	33	PASS
n38	30	20	519000	25@12	DFT_BPSK	24.00	23.6	33	PASS
n38	30	20	519000	1@1	DFT_BPSK	23.99	23.59	33	PASS
n38	30	20	519000	1@49	DFT_BPSK	24.06	23.66	33	PASS
n38	30	20	519000	25@12	DFT_QPSK	24.04	23.64	33	PASS
n38	30	20	519000	1@1	DFT_QPSK	23.80	23.4	33	PASS
n38	30	20	519000	1@49	DFT_QPSK	23.88	23.48	33	PASS
n38	30	20	519000	25@12	DFT_QAM16	23.04	22.64	33	PASS
n38	30	20	519000	1@1	DFT_QAM16	23.49	23.09	33	PASS
n38	30	20	519000	1@49	DFT_QAM16	23.39	22.99	33	PASS
n38	30	20	519000	25@12	DFT_QAM64	21.48	21.08	33	PASS
n38	30	20	519000	1@1	DFT_QAM64	21.55	21.15	33	PASS
n38	30	20	519000	1@49	DFT_QAM64	22.09	21.69	33	PASS
n38	30	20	519000	25@12	DFT_QAM256	19.78	19.38	33	PASS
n38	30	20	519000	1@1	DFT_QAM256	19.98	19.58	33	PASS
n38	30	20	519000	1@49	DFT_QAM256	19.60	19.2	33	PASS
n38	30	20	519000	25@12	CP_QPSK	22.48	22.08	33	PASS
n38	30	20	519000	1@1	CP_QPSK	22.49	22.09	33	PASS
n38	30	20	519000	1@49	CP_QPSK	22.42	22.02	33	PASS
n38	30	20	519000	25@12	CP_QAM16	21.96	21.56	33	PASS
n38	30	20	519000	1@1	CP_QAM16	22.38	21.98	33	PASS
n38	30	20	519000	1@49	CP_QAM16	22.48	22.08	33	PASS
n38	30	20	519000	25@12	CP_QAM64	20.80	20.4	33	PASS
n38	30	20	519000	1@1	CP_QAM64	21.54	21.14	33	PASS
n38	30	20	519000	1@49	CP_QAM64	21.86	21.46	33	PASS
n38	30	20	519000	25@12	CP_QAM256	17.71	17.31	33	PASS
n38	30	20	519000	1@1	CP_QAM256	18.48	18.08	33	PASS

n38	30	20	519000	1@49	CP_QAM256	18.98	18.58	33	PASS
n38	30	20	522000	25@12	DFT_BPSK	24.04	23.64	33	PASS
n38	30	20	522000	1@1	DFT_BPSK	24.01	23.61	33	PASS
n38	30	20	522000	1@49	DFT_BPSK	23.99	23.59	33	PASS
n38	30	20	522000	25@12	DFT_QPSK	24.09	23.69	33	PASS
n38	30	20	522000	1@1	DFT_QPSK	23.92	23.52	33	PASS
n38	30	20	522000	1@49	DFT_QPSK	23.87	23.47	33	PASS
n38	30	20	522000	25@12	DFT_QAM16	23.04	22.64	33	PASS
n38	30	20	522000	1@1	DFT_QAM16	23.01	22.61	33	PASS
n38	30	20	522000	1@49	DFT_QAM16	23.27	22.87	33	PASS
n38	30	20	522000	25@12	DFT_QAM64	21.46	21.06	33	PASS
n38	30	20	522000	1@1	DFT_QAM64	22.03	21.63	33	PASS
n38	30	20	522000	1@49	DFT_QAM64	22.05	21.65	33	PASS
n38	30	20	522000	25@12	DFT_QAM256	19.95	19.55	33	PASS
n38	30	20	522000	1@1	DFT_QAM256	19.56	19.16	33	PASS
n38	30	20	522000	1@49	DFT_QAM256	19.96	19.56	33	PASS
n38	30	20	522000	25@12	CP_QPSK	22.54	22.14	33	PASS
n38	30	20	522000	1@1	CP_QPSK	22.47	22.07	33	PASS
n38	30	20	522000	1@49	CP_QPSK	22.39	21.99	33	PASS
n38	30	20	522000	25@12	CP_QAM16	21.97	21.57	33	PASS
n38	30	20	522000	1@1	CP_QAM16	22.23	21.83	33	PASS
n38	30	20	522000	1@49	CP_QAM16	22.46	22.06	33	PASS
n38	30	20	522000	25@12	CP_QAM64	20.86	20.46	33	PASS
n38	30	20	522000	1@1	CP_QAM64	21.74	21.34	33	PASS
n38	30	20	522000	1@49	CP_QAM64	21.97	21.57	33	PASS
n38	30	20	522000	25@12	CP_QAM256	17.92	17.52	33	PASS
n38	30	20	522000	1@1	CP_QAM256	19.07	18.67	33	PASS
n38	30	20	522000	1@49	CP_QAM256	18.93	18.53	33	PASS
n38	30	40	518000	50@25	DFT_BPSK	23.95	23.55	33	PASS
n38	30	40	518000	1@1	DFT_BPSK	24.11	23.71	33	PASS
n38	30	40	518000	1@104	DFT_BPSK	24.03	23.63	33	PASS
n38	30	40	518000	50@25	DFT_QPSK	23.94	23.54	33	PASS
n38	30	40	518000	1@1	DFT_QPSK	23.93	23.53	33	PASS
n38	30	40	518000	1@104	DFT_QPSK	23.90	23.5	33	PASS
n38	30	40	518000	50@25	DFT_QAM16	23.00	22.6	33	PASS
n38	30	40	518000	1@1	DFT_QAM16	23.52	23.12	33	PASS
n38	30	40	518000	1@104	DFT_QAM16	23.51	23.11	33	PASS
n38	30	40	518000	50@25	DFT_QAM64	21.66	21.26	33	PASS
n38	30	40	518000	1@1	DFT_QAM64	21.55	21.15	33	PASS
n38	30	40	518000	1@104	DFT_QAM64	22.07	21.67	33	PASS
n38	30	40	518000	50@25	DFT_QAM256	19.57	19.17	33	PASS
n38	30	40	518000	1@1	DFT_QAM256	19.37	18.97	33	PASS
n38	30	40	518000	1@104	DFT_QAM256	19.53	19.13	33	PASS
n38	30	40	518000	53@26	CP_QPSK	22.38	21.98	33	PASS

n38	30	40	518000	1@1	CP_QPSK	22.54	22.14	33	PASS
n38	30	40	518000	1@104	CP_QPSK	22.54	22.14	33	PASS
n38	30	40	518000	53@26	CP_QAM16	22.01	21.61	33	PASS
n38	30	40	518000	1@1	CP_QAM16	22.49	22.09	33	PASS
n38	30	40	518000	1@104	CP_QAM16	22.40	22	33	PASS
n38	30	40	518000	53@26	CP_QAM64	20.64	20.24	33	PASS
n38	30	40	518000	1@1	CP_QAM64	21.61	21.21	33	PASS
n38	30	40	518000	1@104	CP_QAM64	21.98	21.58	33	PASS
n38	30	40	518000	53@26	CP_QAM256	17.72	17.32	33	PASS
n38	30	40	518000	1@1	CP_QAM256	18.80	18.4	33	PASS
n38	30	40	518000	1@104	CP_QAM256	19.02	18.62	33	PASS
n38	30	40	519000	50@25	DFT_BPSK	23.92	23.52	33	PASS
n38	30	40	519000	1@1	DFT_BPSK	24.03	23.63	33	PASS
n38	30	40	519000	1@104	DFT_BPSK	24.14	23.74	33	PASS
n38	30	40	519000	50@25	DFT_QPSK	23.93	23.53	33	PASS
n38	30	40	519000	1@1	DFT_QPSK	23.86	23.46	33	PASS
n38	30	40	519000	1@104	DFT_QPSK	23.83	23.43	33	PASS
n38	30	40	519000	50@25	DFT_QAM16	22.95	22.55	33	PASS
n38	30	40	519000	1@1	DFT_QAM16	23.57	23.17	33	PASS
n38	30	40	519000	1@104	DFT_QAM16	22.91	22.51	33	PASS
n38	30	40	519000	50@25	DFT_QAM64	21.61	21.21	33	PASS
n38	30	40	519000	1@1	DFT_QAM64	21.64	21.24	33	PASS
n38	30	40	519000	1@104	DFT_QAM64	21.69	21.29	33	PASS
n38	30	40	519000	50@25	DFT_QAM256	19.54	19.14	33	PASS
n38	30	40	519000	1@1	DFT_QAM256	19.84	19.44	33	PASS
n38	30	40	519000	1@104	DFT_QAM256	19.77	19.37	33	PASS
n38	30	40	519000	53@26	CP_QPSK	22.45	22.05	33	PASS
n38	30	40	519000	1@1	CP_QPSK	22.56	22.16	33	PASS
n38	30	40	519000	1@104	CP_QPSK	22.50	22.1	33	PASS
n38	30	40	519000	53@26	CP_QAM16	21.95	21.55	33	PASS
n38	30	40	519000	1@1	CP_QAM16	22.50	22.1	33	PASS
n38	30	40	519000	1@104	CP_QAM16	22.51	22.11	33	PASS
n38	30	40	519000	53@26	CP_QAM64	20.64	20.24	33	PASS
n38	30	40	519000	1@1	CP_QAM64	21.57	21.17	33	PASS
n38	30	40	519000	1@104	CP_QAM64	21.72	21.32	33	PASS
n38	30	40	519000	53@26	CP_QAM256	17.62	17.22	33	PASS
n38	30	40	519000	1@1	CP_QAM256	18.39	17.99	33	PASS
n38	30	40	519000	1@104	CP_QAM256	18.80	18.4	33	PASS
n38	30	40	520000	50@25	DFT_BPSK	23.89	23.49	33	PASS
n38	30	40	520000	1@1	DFT_BPSK	24.06	23.66	33	PASS
n38	30	40	520000	1@104	DFT_BPSK	24.03	23.63	33	PASS
n38	30	40	520000	50@25	DFT_QPSK	23.91	23.51	33	PASS
n38	30	40	520000	1@1	DFT_QPSK	23.83	23.43	33	PASS
n38	30	40	520000	1@104	DFT_QPSK	23.89	23.49	33	PASS



n38	30	40	520000	50@25	DFT_QAM16	23.00	22.6	33	PASS
n38	30	40	520000	1@1	DFT_QAM16	23.59	23.19	33	PASS
n38	30	40	520000	1@104	DFT_QAM16	22.77	22.37	33	PASS
n38	30	40	520000	50@25	DFT_QAM64	21.68	21.28	33	PASS
n38	30	40	520000	1@1	DFT_QAM64	22.21	21.81	33	PASS
n38	30	40	520000	1@104	DFT_QAM64	21.61	21.21	33	PASS
n38	30	40	520000	50@25	DFT_QAM256	19.63	19.23	33	PASS
n38	30	40	520000	1@1	DFT_QAM256	19.93	19.53	33	PASS
n38	30	40	520000	1@104	DFT_QAM256	19.84	19.44	33	PASS
n38	30	40	520000	53@26	CP_QPSK	22.39	21.99	33	PASS
n38	30	40	520000	1@1	CP_QPSK	22.48	22.08	33	PASS
n38	30	40	520000	1@104	CP_QPSK	22.51	22.11	33	PASS
n38	30	40	520000	53@26	CP_QAM16	21.94	21.54	33	PASS
n38	30	40	520000	1@1	CP_QAM16	22.38	21.98	33	PASS
n38	30	40	520000	1@104	CP_QAM16	22.24	21.84	33	PASS
n38	30	40	520000	53@26	CP_QAM64	20.63	20.23	33	PASS
n38	30	40	520000	1@1	CP_QAM64	21.49	21.09	33	PASS
n38	30	40	520000	1@104	CP_QAM64	21.74	21.34	33	PASS
n38	30	40	520000	53@26	CP_QAM256	17.70	17.3	33	PASS
n38	30	40	520000	1@1	CP_QAM256	18.46	18.06	33	PASS
n38	30	40	520000	1@104	CP_QAM256	18.87	18.47	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
n38	30	40	519000	50@25	DFT_BPSK	3.87	-5.52	0.00	Within authorized band for 5G NR n38	PASS
n38	30	40	519000	50@25	DFT_BPSK	3.50	-2.16	0.00		PASS
n38	30	40	519000	50@25	DFT_BPSK	4.45	-1.46	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	3.87	0.16	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	3.50	-0.81	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	4.45	-8.76	0.00		PASS

Note: Only the worst case shown in the report.

**NV:**

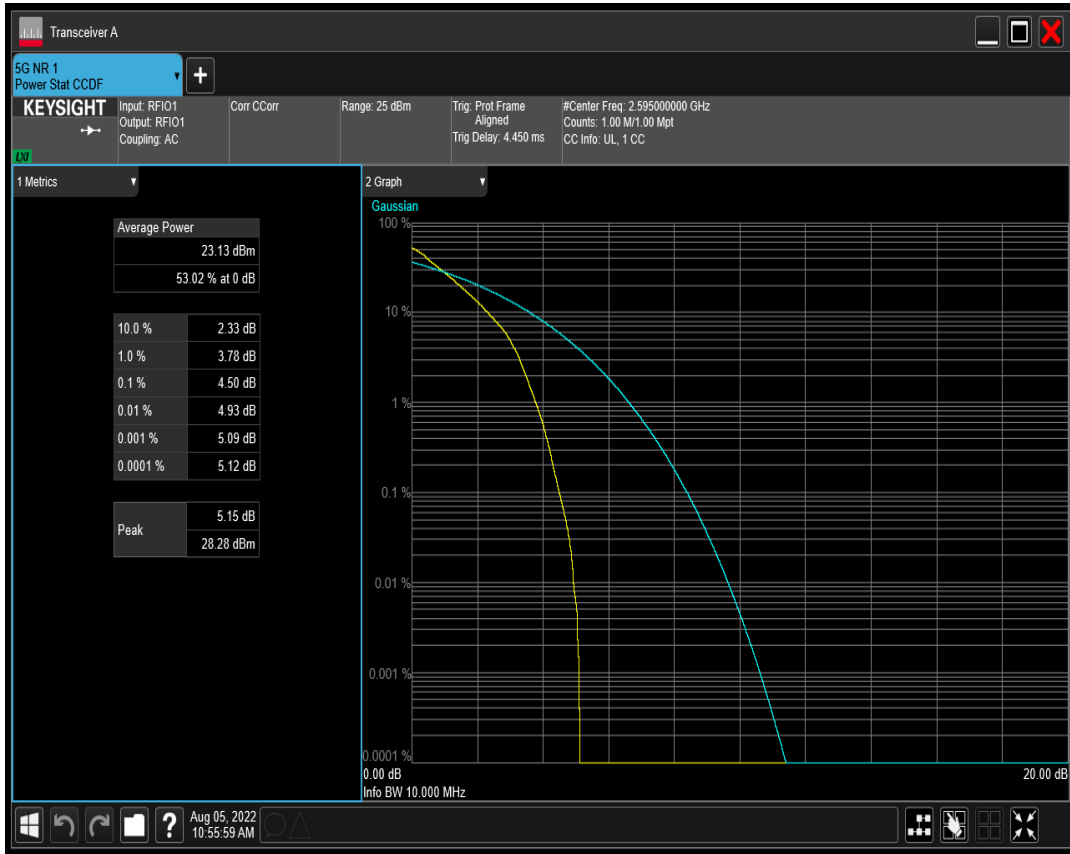
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Temperature(°C)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n38	30	40	519000	50@25	DFT_BPSK	-30	-3.54	0.00	Within authorized band for 5G NR n38	PASS
n38	30	40	519000	50@25	DFT_BPSK	-20	-4.77	0.00		PASS
n38	30	40	519000	50@25	DFT_BPSK	-10	-2.99	0.00		PASS
n38	30	40	519000	50@25	DFT_BPSK	0	-2.18	0.00		PASS
n38	30	40	519000	50@25	DFT_BPSK	10	-1.95	0.00		PASS
n38	30	40	519000	50@25	DFT_BPSK	20	-3.16	0.00		PASS
n38	30	40	519000	50@25	DFT_BPSK	30	-6.09	0.00		PASS
n38	30	40	519000	50@25	DFT_BPSK	40	-6.46	0.00		PASS
n38	30	40	519000	50@25	DFT_BPSK	50	-5.6	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	-30	-4.34	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	-20	-2.91	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	-10	-6	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	0	-5.27	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	10	-4.68	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	20	-2.78	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	30	-1.47	0.00		PASS
n38	30	40	519000	50@25	DFT_QPSK	40	-4.43	0.00	PASS	
n38	30	40	519000	50@25	DFT_QPSK	50	-3.27	0.00	PASS	

Note: Only the worst case shown in the report.

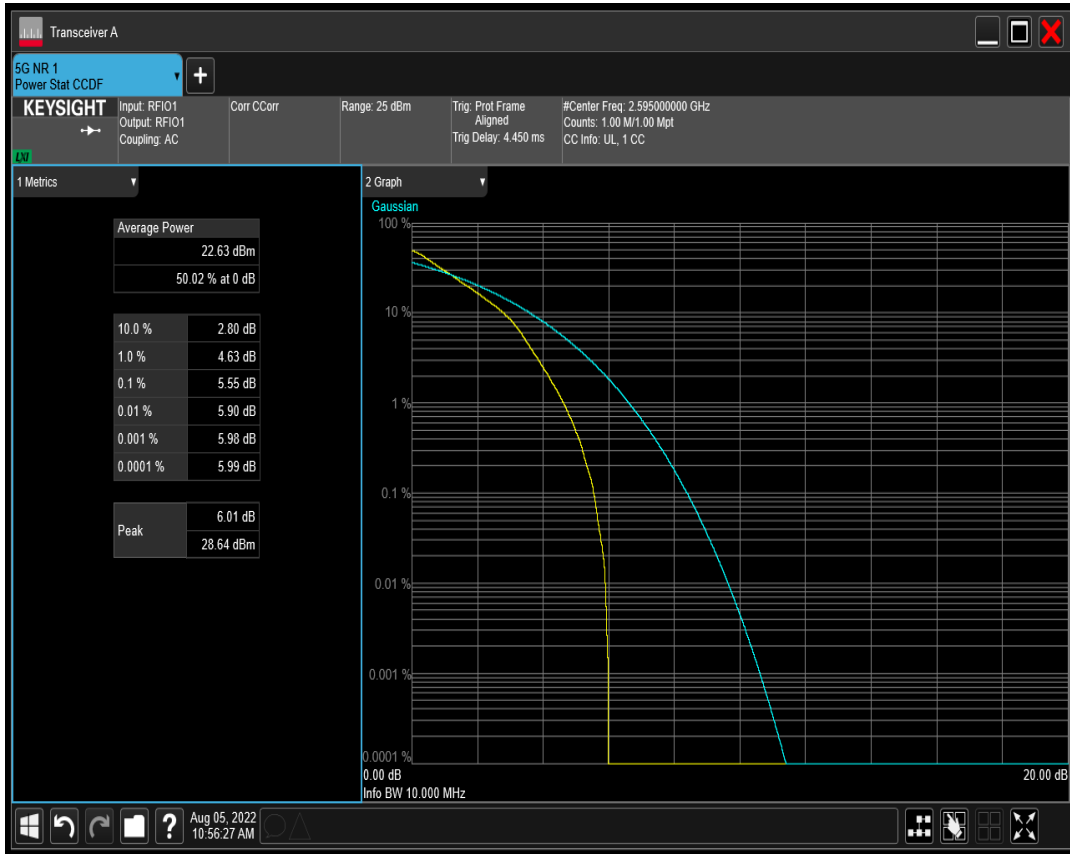
### 3 Peak-to-Average Ratio for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n38	30	10	519000	24@0	DFT_BPSK	4.50	13	PASS
n38	30	10	519000	24@0	DFT_QPSK	5.55	13	PASS
n38	30	10	519000	24@0	DFT_QAM16	6.37	13	PASS
n38	30	10	519000	24@0	DFT_QAM64	6.70	13	PASS
n38	30	10	519000	24@0	DFT_QAM256	7.28	13	PASS
n38	30	15	519000	36@0	DFT_BPSK	4.66	13	PASS
n38	30	15	519000	36@0	DFT_QPSK	5.61	13	PASS
n38	30	15	519000	36@0	DFT_QAM16	6.38	13	PASS
n38	30	15	519000	36@0	DFT_QAM64	6.76	13	PASS
n38	30	15	519000	36@0	DFT_QAM256	7.35	13	PASS
n38	30	20	519000	50@0	DFT_BPSK	4.66	13	PASS
n38	30	20	519000	50@0	DFT_QPSK	5.71	13	PASS
n38	30	20	519000	50@0	DFT_QAM16	6.44	13	PASS
n38	30	20	519000	50@0	DFT_QAM64	6.75	13	PASS
n38	30	20	519000	50@0	DFT_QAM256	7.18	13	PASS
n38	30	40	519000	100@0	DFT_BPSK	4.61	13	PASS
n38	30	40	519000	100@0	DFT_QPSK	5.71	13	PASS
n38	30	40	519000	100@0	DFT_QAM16	6.57	13	PASS
n38	30	40	519000	100@0	DFT_QAM64	6.75	13	PASS
n38	30	40	519000	100@0	DFT_QAM256	7.28	13	PASS

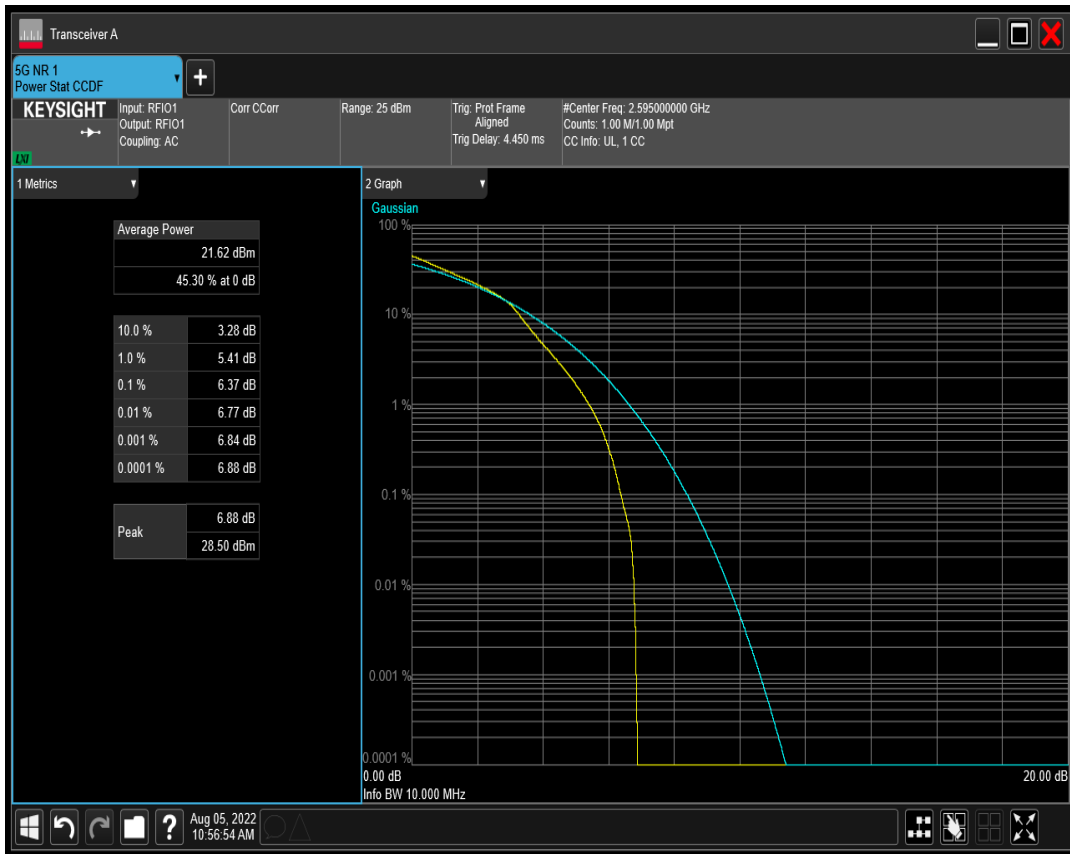
n38 SCS=30kHz DFT\_BPSK BW=10MHz Channel=519000 RB=24@0



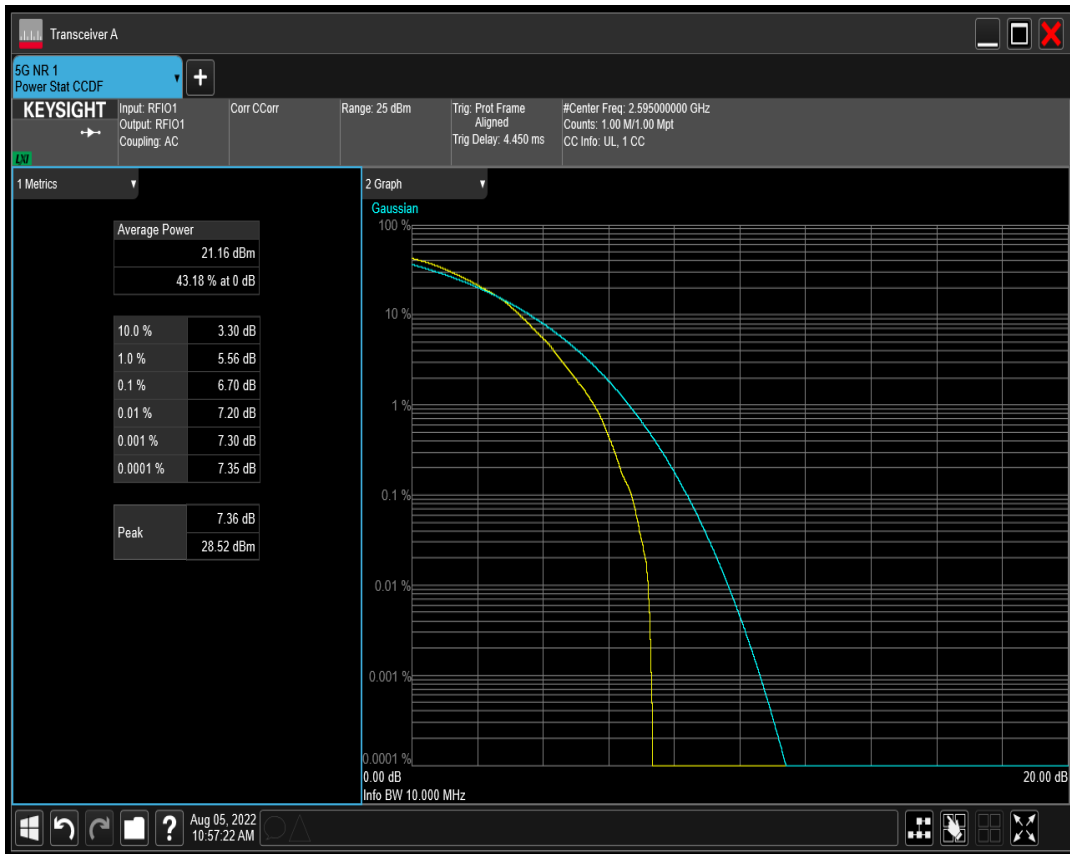
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=519000 RB=24@0



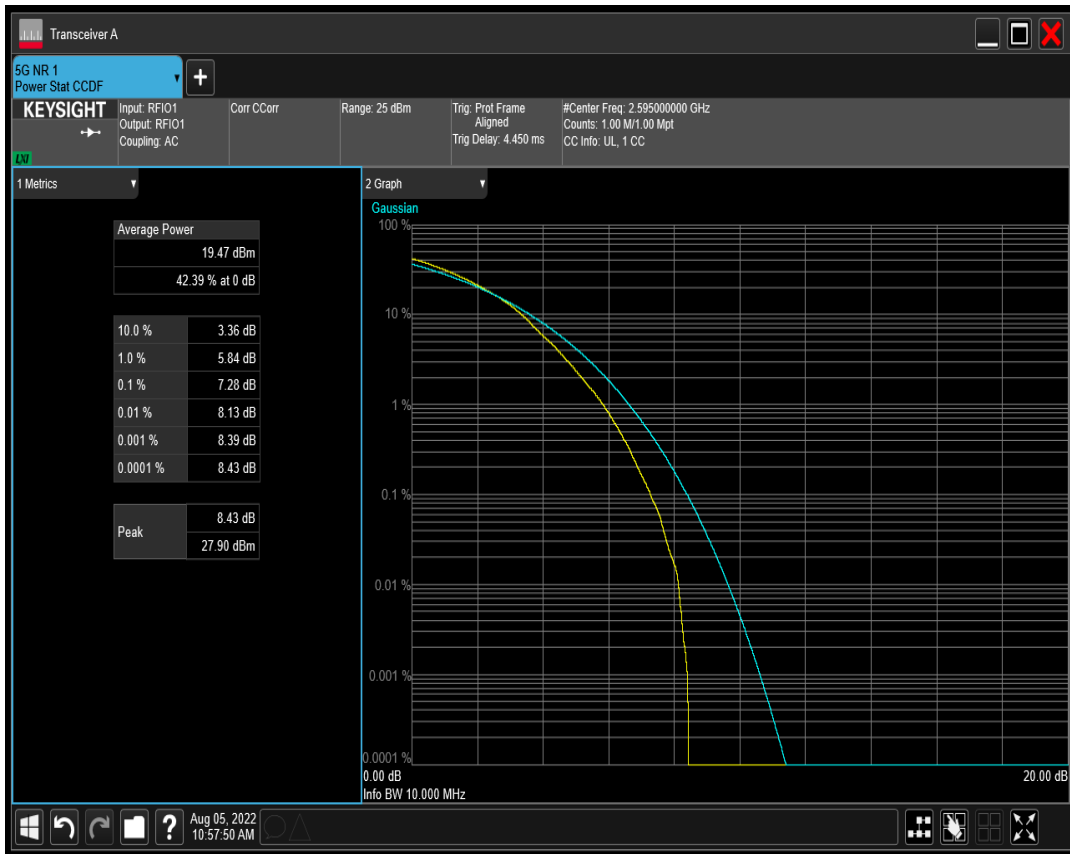
n38 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=519000 RB=24@0



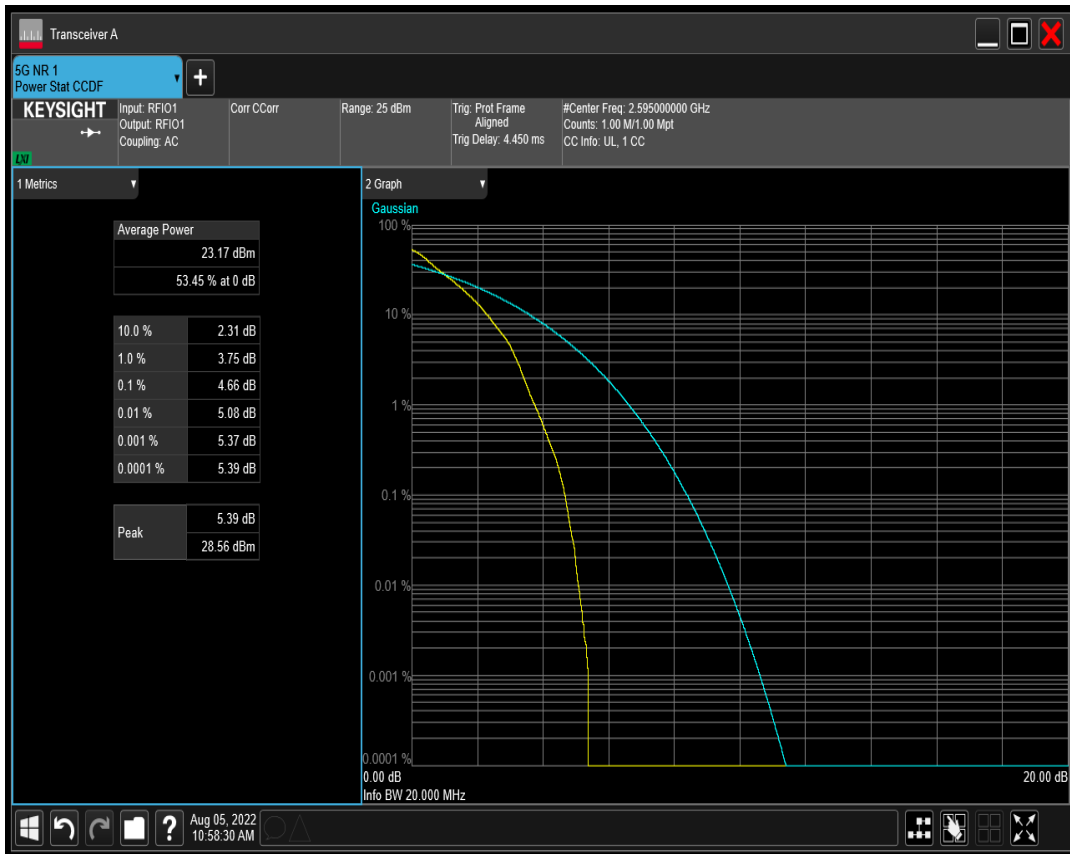
n38 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=519000 RB=24@0



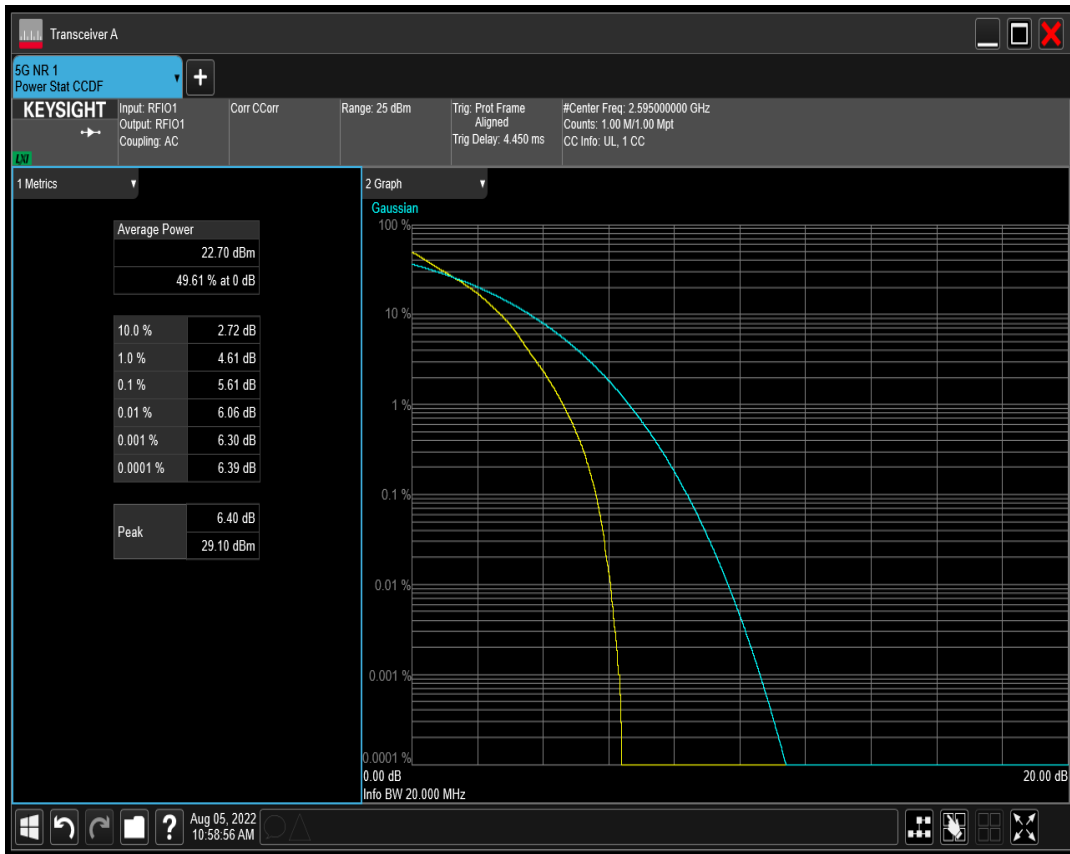
n38 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=519000 RB=24@0



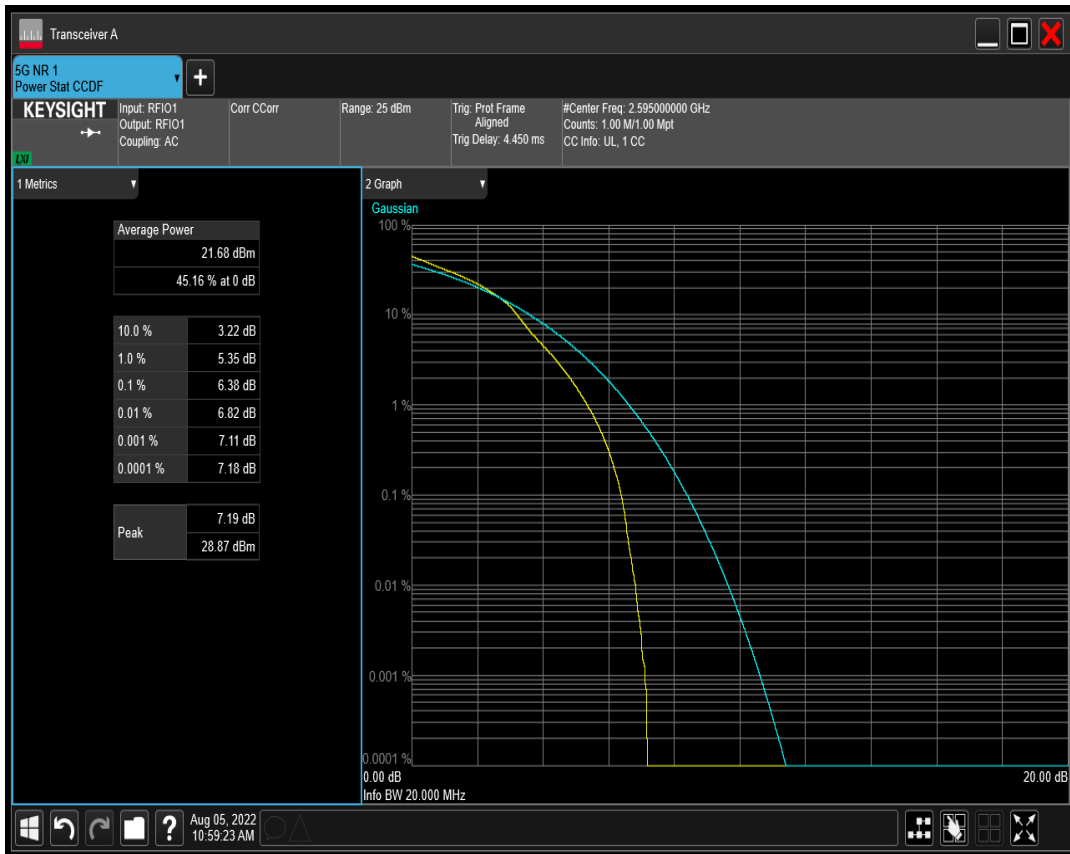
n38 SCS=30kHz DFT\_BPSK BW=15MHz Channel=519000 RB=36@0



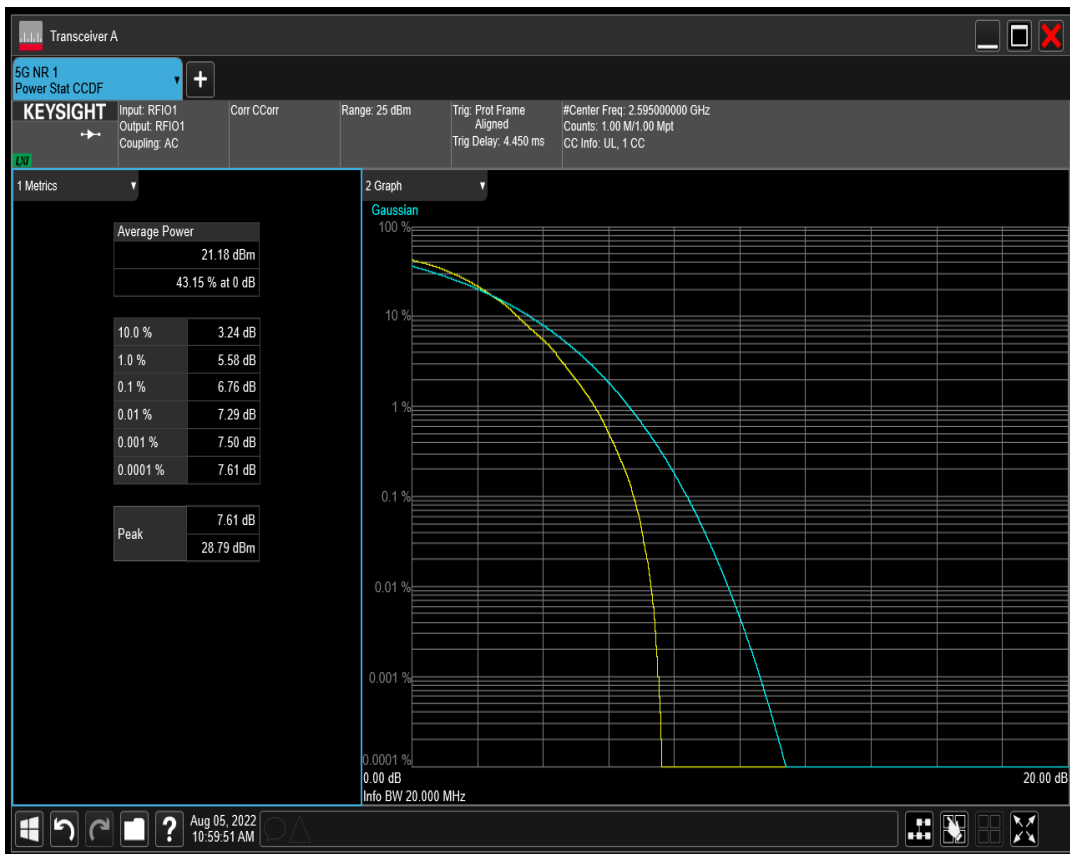
n38 SCS=30kHz DFT\_QPSK BW=15MHz Channel=519000 RB=36@0



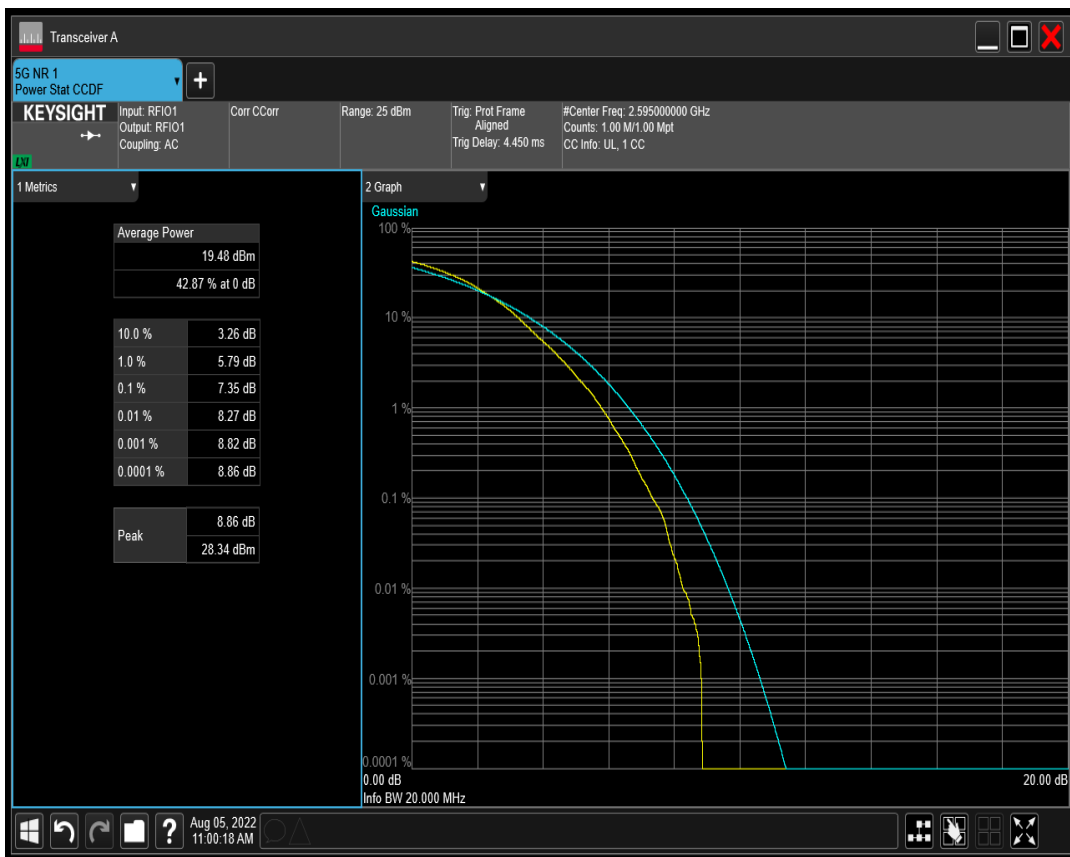
n38 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=519000 RB=36@0



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

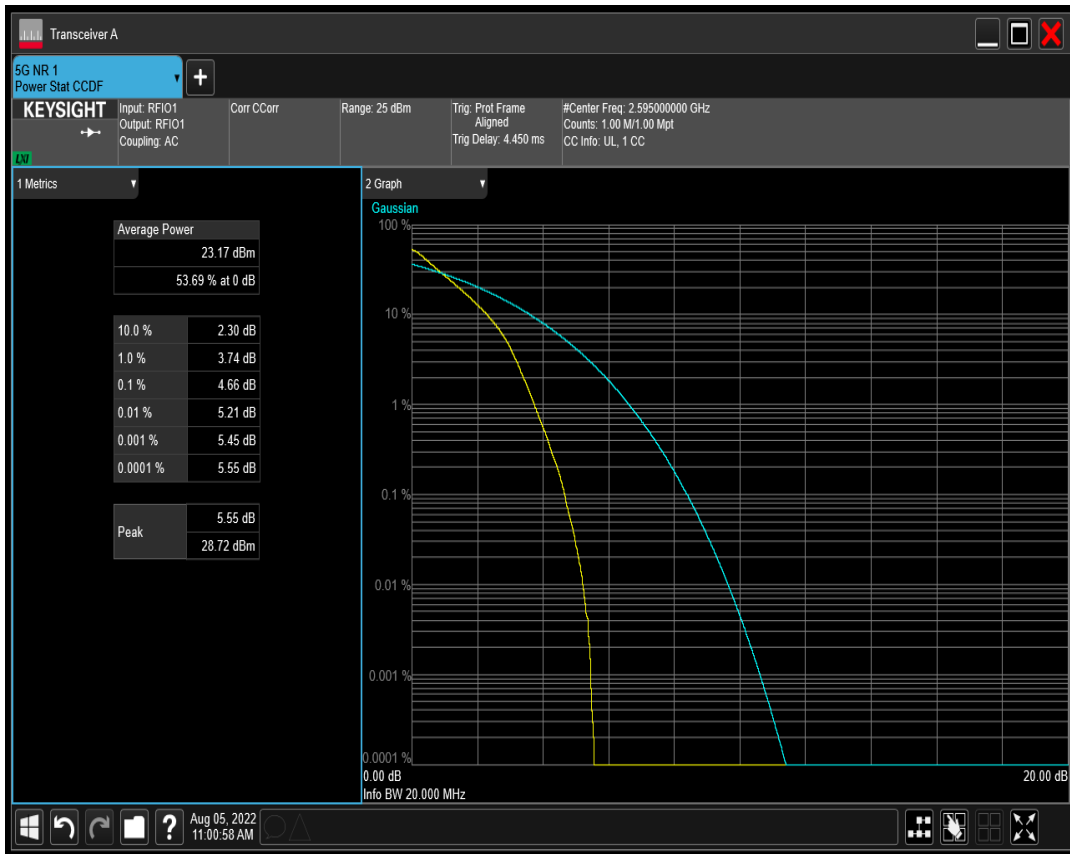


n38 SCS=30kHz DFT\_QAM256 BW=15MHz Channel=519000 RB=36@0

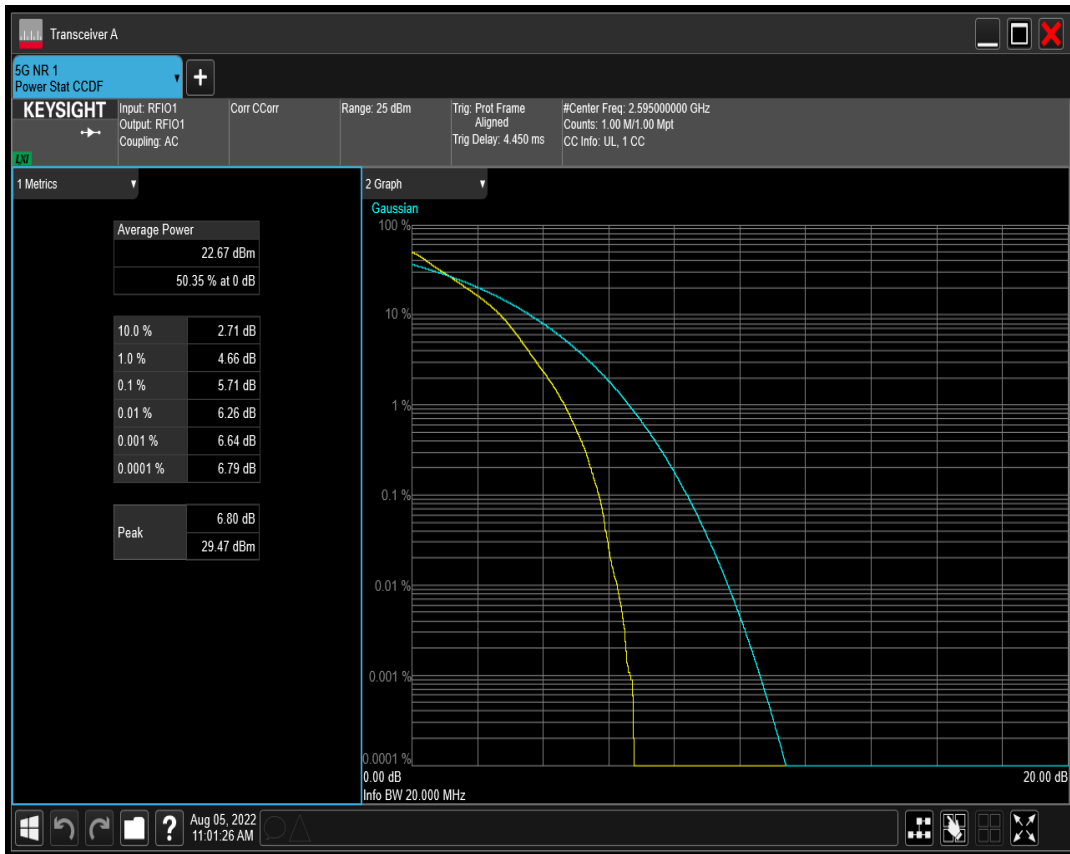




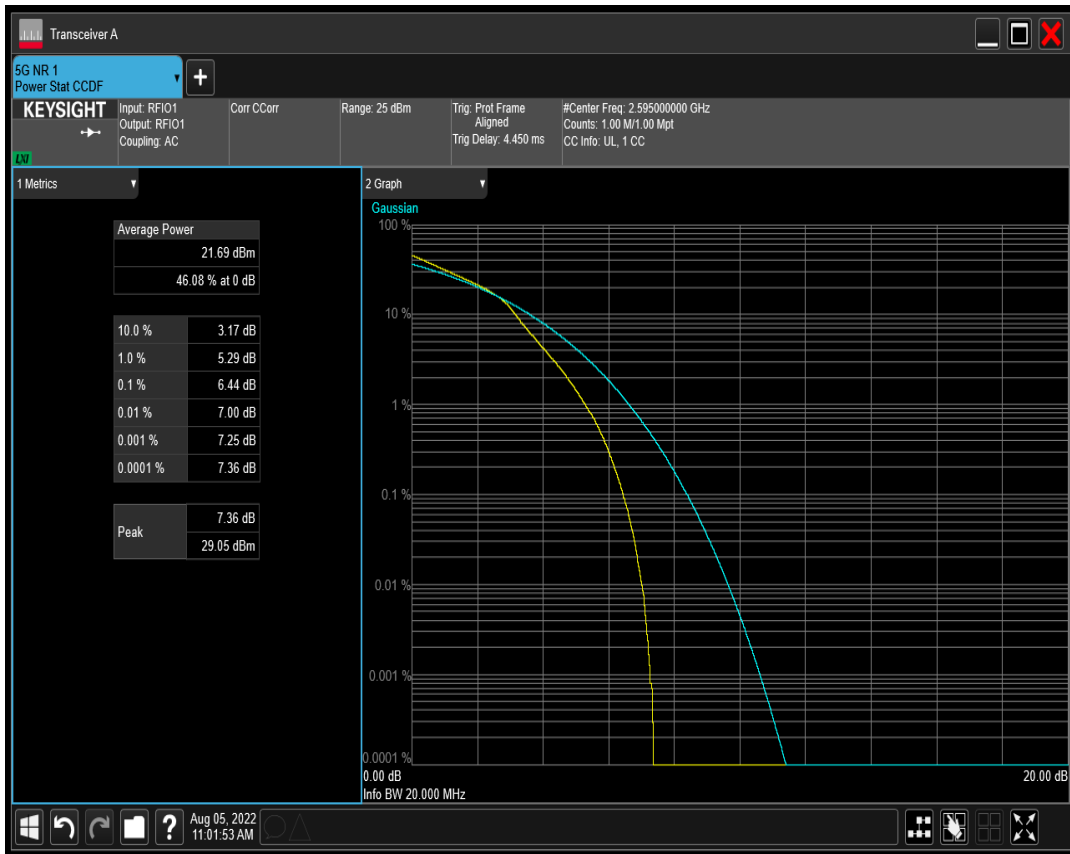
n38 SCS=30kHz DFT\_BPSK BW=20MHz Channel=519000 RB=50@0



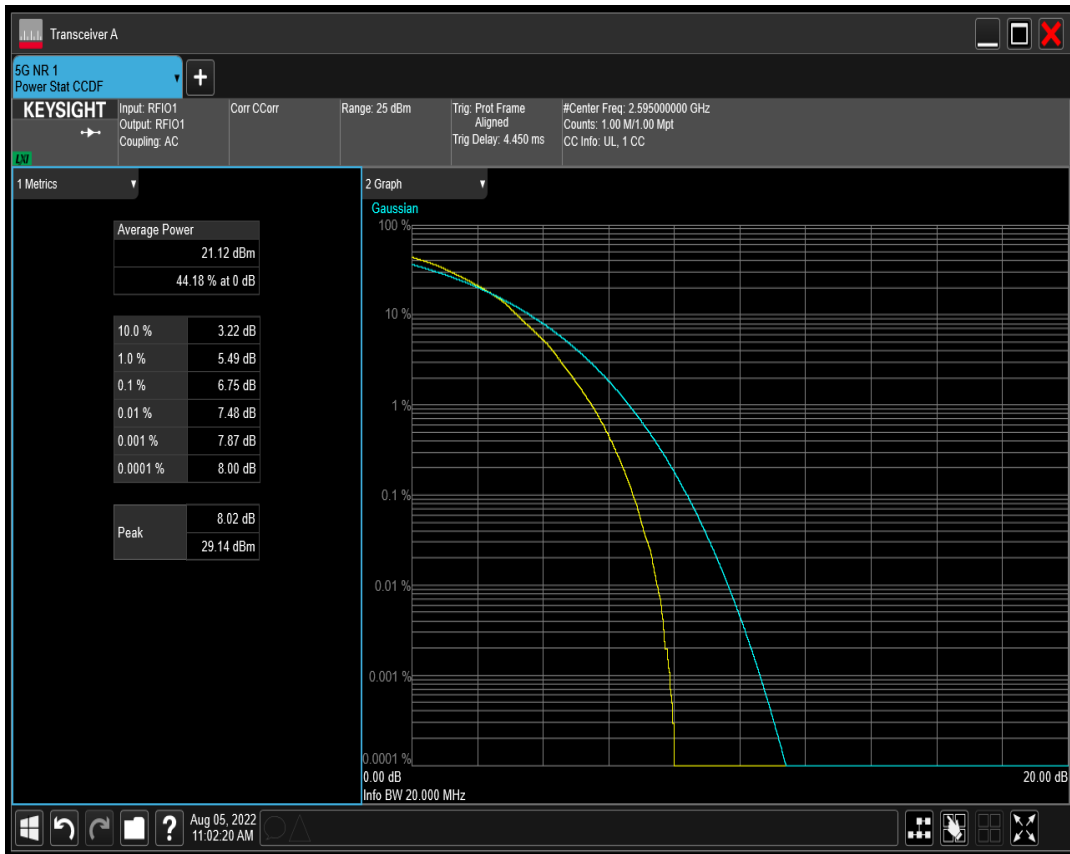
n38 SCS=30kHz DFT\_QPSK BW=20MHz Channel=519000 RB=50@0



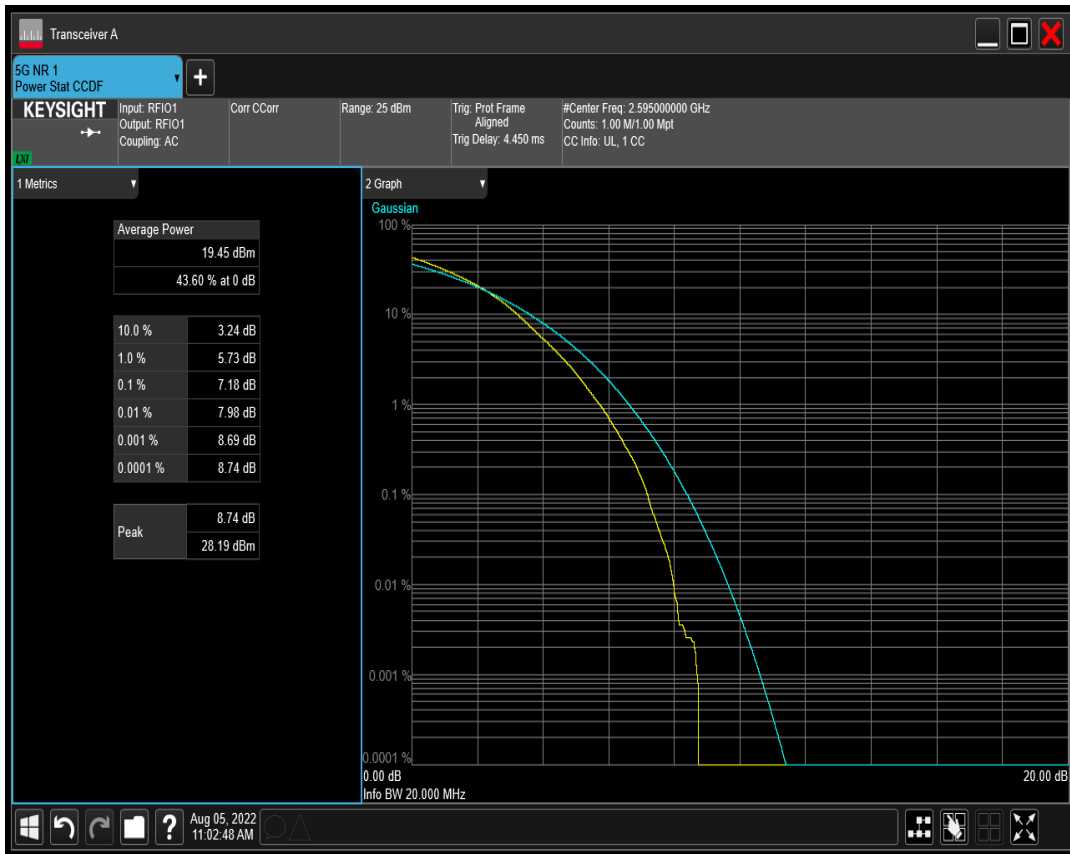
n38 SCS=30kHz DFT\_QAM16 BW=20MHz Channel=519000 RB=50@0



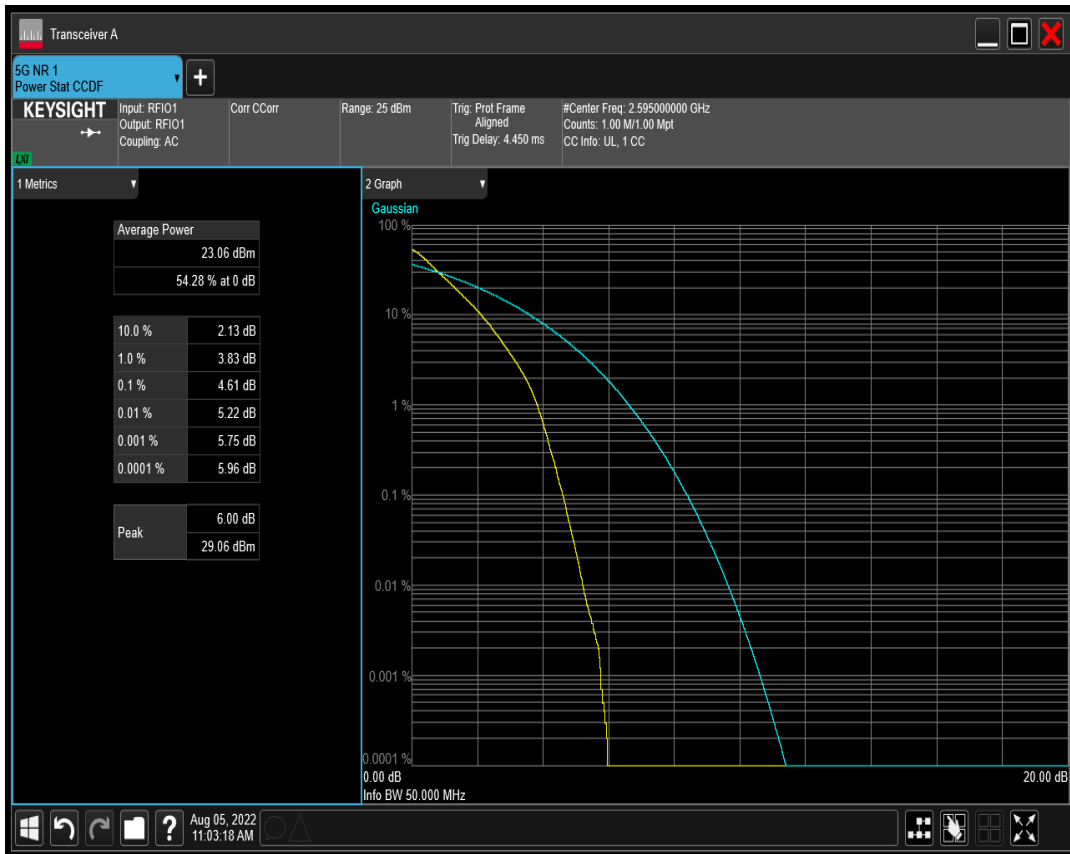
n38 SCS=30kHz DFT\_QAM64 BW=20MHz Channel=519000 RB=50@0



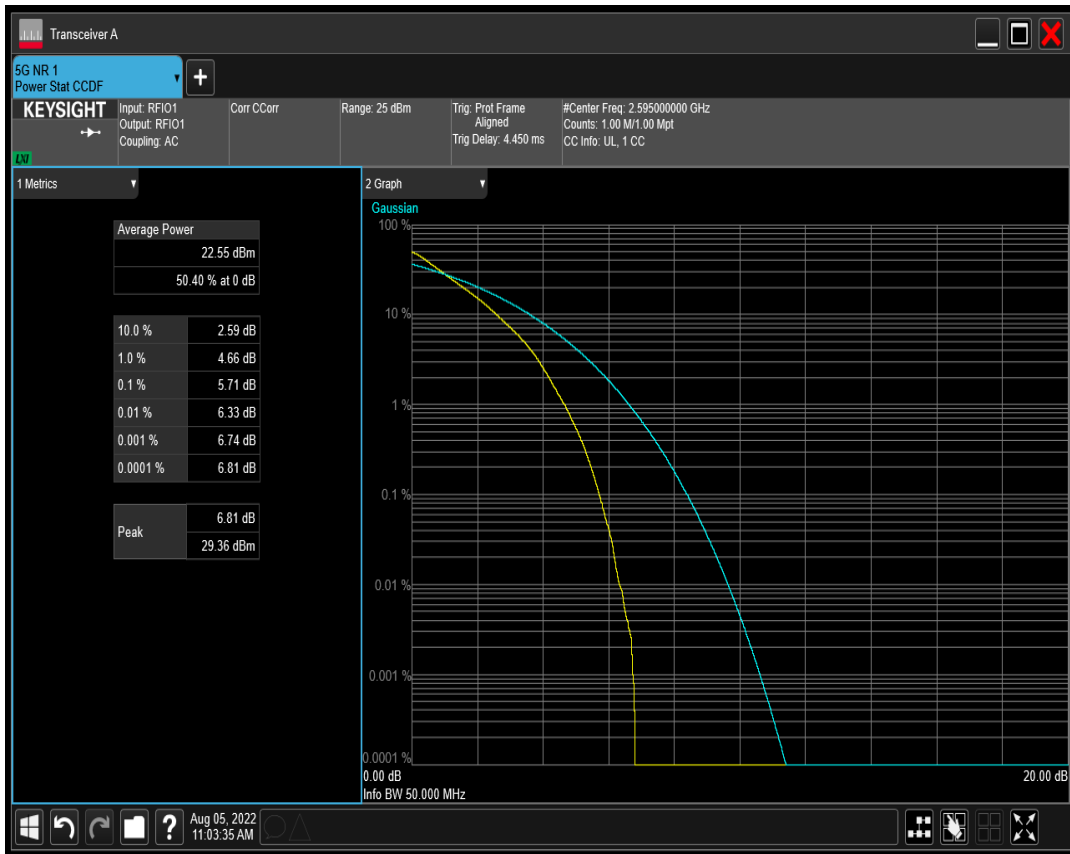
n38 SCS=30kHz DFT\_QAM256 BW=20MHz Channel=519000 RB=50@0



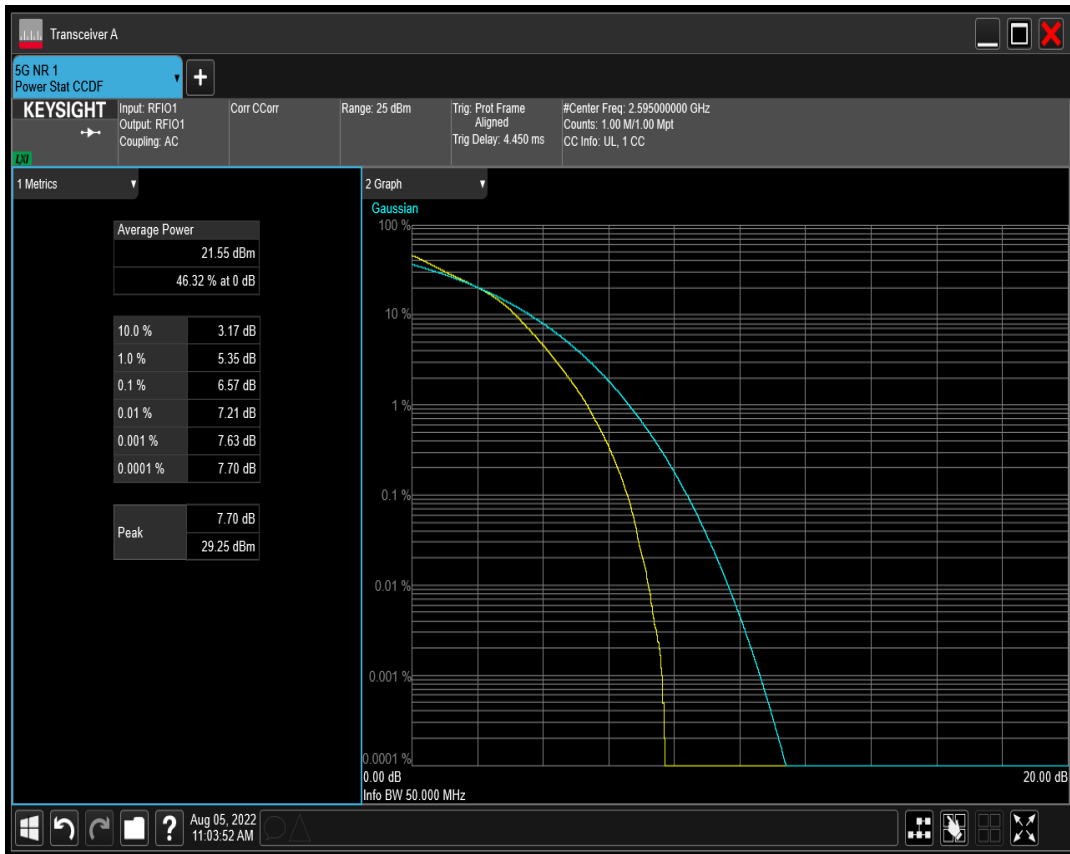
n38 SCS=30kHz DFT\_BPSK BW=40MHz Channel=519000 RB=100@0



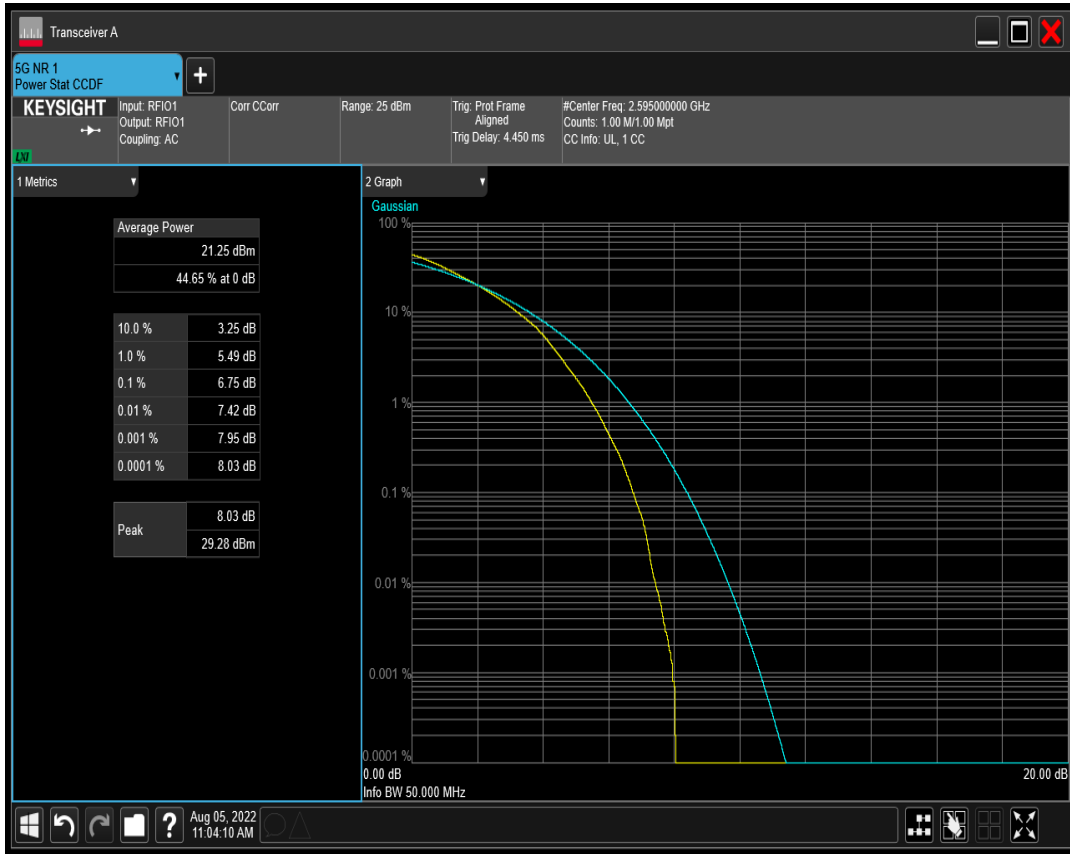
n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=519000 RB=100@0



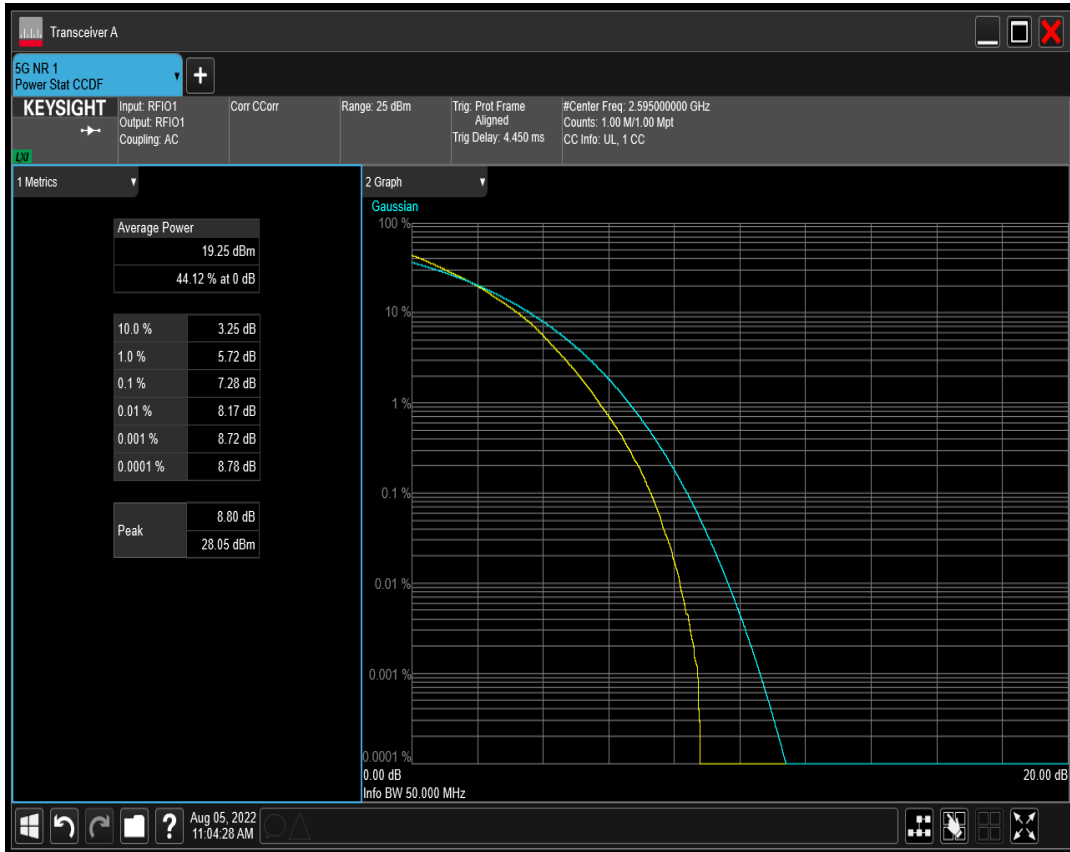
n38 SCS=30kHz DFT\_QAM16 BW=40MHz Channel=519000 RB=100@0



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



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



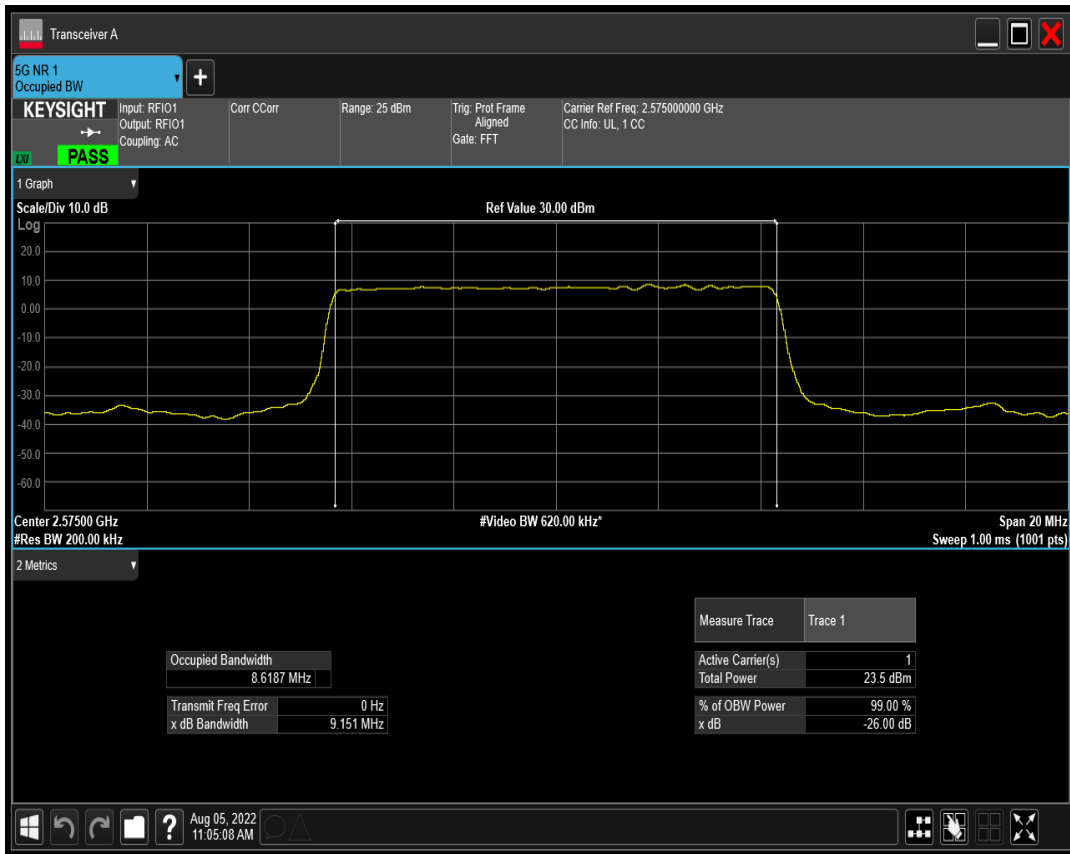
**4 Occupied bandwidth for NR FR1**

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	8.620	9.150	PASS
n38	30	10	515000	24@0	DFT_QPSK	8.640	9.170	PASS
n38	30	10	515000	24@0	DFT_QAM16	8.610	9.160	PASS
n38	30	10	515000	24@0	DFT_QAM64	8.610	9.170	PASS
n38	30	10	515000	24@0	DFT_QAM256	8.640	9.150	PASS
n38	30	10	515000	24@0	CP_QPSK	8.610	9.180	PASS
n38	30	10	519000	24@0	DFT_BPSK	8.620	9.150	PASS
n38	30	10	519000	24@0	DFT_QPSK	8.640	9.160	PASS
n38	30	10	519000	24@0	DFT_QAM16	8.610	9.160	PASS
n38	30	10	519000	24@0	DFT_QAM64	8.640	9.160	PASS
n38	30	10	519000	24@0	DFT_QAM256	8.620	9.160	PASS
n38	30	10	519000	24@0	CP_QPSK	8.620	9.200	PASS
n38	30	10	523000	24@0	DFT_BPSK	8.610	9.160	PASS
n38	30	10	523000	24@0	DFT_QPSK	8.640	9.160	PASS
n38	30	10	523000	24@0	DFT_QAM16	8.620	9.180	PASS
n38	30	10	523000	24@0	DFT_QAM64	8.620	9.170	PASS
n38	30	10	523000	24@0	DFT_QAM256	8.650	9.160	PASS
n38	30	10	523000	24@0	CP_QPSK	8.640	9.190	PASS
n38	30	15	515500	36@0	DFT_BPSK	13.510	13.670	PASS
n38	30	15	515500	36@0	DFT_QPSK	13.510	13.660	PASS
n38	30	15	515500	36@0	DFT_QAM16	13.460	13.680	PASS
n38	30	15	515500	36@0	DFT_QAM64	13.460	13.680	PASS
n38	30	15	515500	36@0	DFT_QAM256	13.460	13.690	PASS
n38	30	15	515500	38@0	CP_QPSK	13.640	14.420	PASS
n38	30	15	519000	36@0	DFT_BPSK	13.460	13.670	PASS
n38	30	15	519000	36@0	DFT_QPSK	13.520	13.680	PASS
n38	30	15	519000	36@0	DFT_QAM16	13.520	13.700	PASS
n38	30	15	519000	36@0	DFT_QAM64	13.510	13.700	PASS
n38	30	15	519000	36@0	DFT_QAM256	13.450	13.680	PASS
n38	30	15	519000	38@0	CP_QPSK	13.640	14.420	PASS
n38	30	15	522500	36@0	DFT_BPSK	13.520	13.700	PASS
n38	30	15	522500	36@0	DFT_QPSK	13.520	13.680	PASS
n38	30	15	522500	36@0	DFT_QAM16	13.560	13.710	PASS
n38	30	15	522500	36@0	DFT_QAM64	13.530	13.700	PASS
n38	30	15	522500	36@0	DFT_QAM256	13.510	13.680	PASS
n38	30	15	522500	38@0	CP_QPSK	13.640	14.430	PASS
n38	30	20	516000	50@0	DFT_BPSK	18.020	18.900	PASS
n38	30	20	516000	50@0	DFT_QPSK	18.080	18.910	PASS
n38	30	20	516000	50@0	DFT_QAM16	18.000	18.890	PASS

n38	30	20	516000	50@0	DFT_QAM64	18.040	18.900	PASS
n38	30	20	516000	50@0	DFT_QAM256	18.030	18.880	PASS
n38	30	20	516000	51@0	CP_QPSK	18.280	19.280	PASS
n38	30	20	519000	50@0	DFT_BPSK	18.090	18.890	PASS
n38	30	20	519000	50@0	DFT_QPSK	18.030	18.900	PASS
n38	30	20	519000	50@0	DFT_QAM16	18.110	18.920	PASS
n38	30	20	519000	50@0	DFT_QAM64	18.100	18.920	PASS
n38	30	20	519000	50@0	DFT_QAM256	18.160	18.930	PASS
n38	30	20	519000	51@0	CP_QPSK	18.280	19.300	PASS
n38	30	20	522000	50@0	DFT_BPSK	18.120	18.920	PASS
n38	30	20	522000	50@0	DFT_QPSK	18.090	18.900	PASS
n38	30	20	522000	50@0	DFT_QAM16	18.170	18.940	PASS
n38	30	20	522000	50@0	DFT_QAM64	18.170	18.930	PASS
n38	30	20	522000	50@0	DFT_QAM256	18.110	18.910	PASS
n38	30	20	522000	51@0	CP_QPSK	18.330	19.320	PASS
n38	30	40	518000	100@0	DFT_BPSK	37.330	37.850	PASS
n38	30	40	518000	100@0	DFT_QPSK	37.440	37.830	PASS
n38	30	40	518000	100@0	DFT_QAM16	37.360	37.830	PASS
n38	30	40	518000	100@0	DFT_QAM64	37.450	37.860	PASS
n38	30	40	518000	100@0	DFT_QAM256	37.470	37.870	PASS
n38	30	40	518000	106@0	CP_QPSK	37.950	40.040	PASS
n38	30	40	519000	100@0	DFT_BPSK	37.470	37.880	PASS
n38	30	40	519000	100@0	DFT_QPSK	37.480	37.840	PASS
n38	30	40	519000	100@0	DFT_QAM16	37.470	37.830	PASS
n38	30	40	519000	100@0	DFT_QAM64	37.480	37.870	PASS
n38	30	40	519000	100@0	DFT_QAM256	37.500	37.870	PASS
n38	30	40	519000	106@0	CP_QPSK	37.960	40.050	PASS
n38	30	40	520000	100@0	DFT_BPSK	37.500	37.850	PASS
n38	30	40	520000	100@0	DFT_QPSK	37.520	37.860	PASS
n38	30	40	520000	100@0	DFT_QAM16	37.510	37.850	PASS
n38	30	40	520000	100@0	DFT_QAM64	37.520	37.880	PASS
n38	30	40	520000	100@0	DFT_QAM256	37.510	37.910	PASS
n38	30	40	520000	106@0	CP_QPSK	37.960	40.050	PASS



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



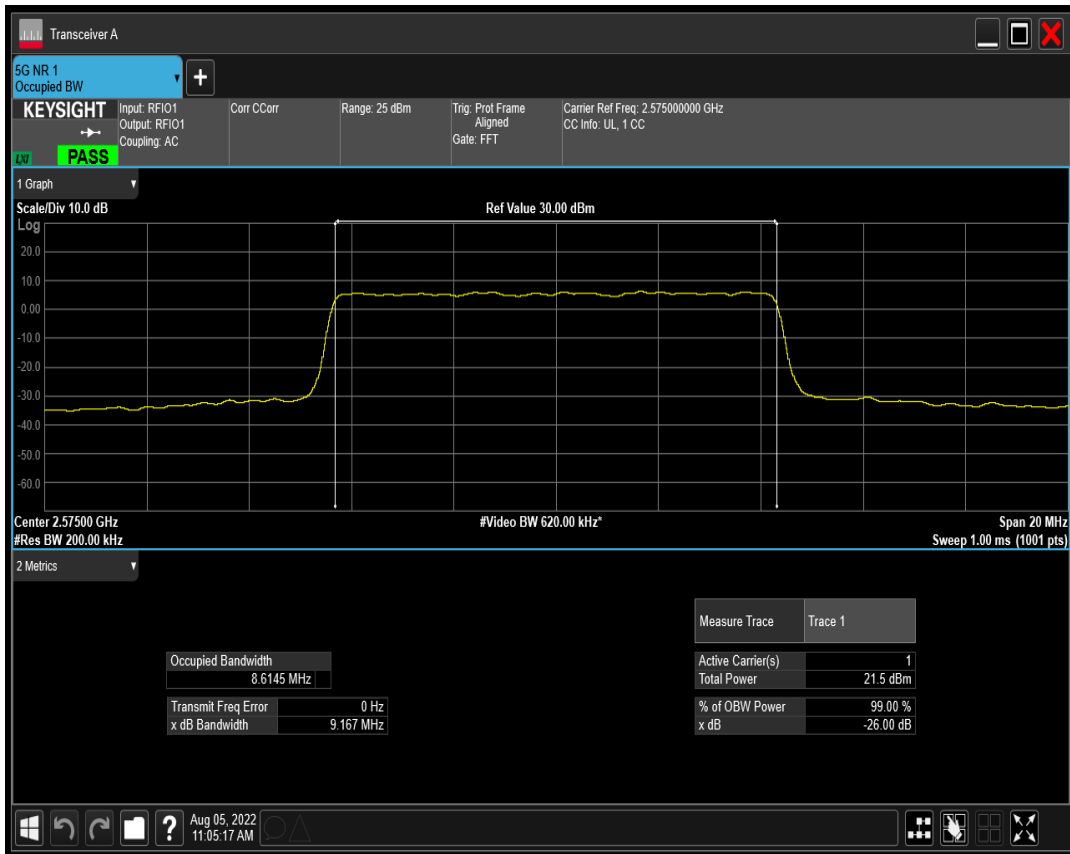
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=515000 RB=24@0



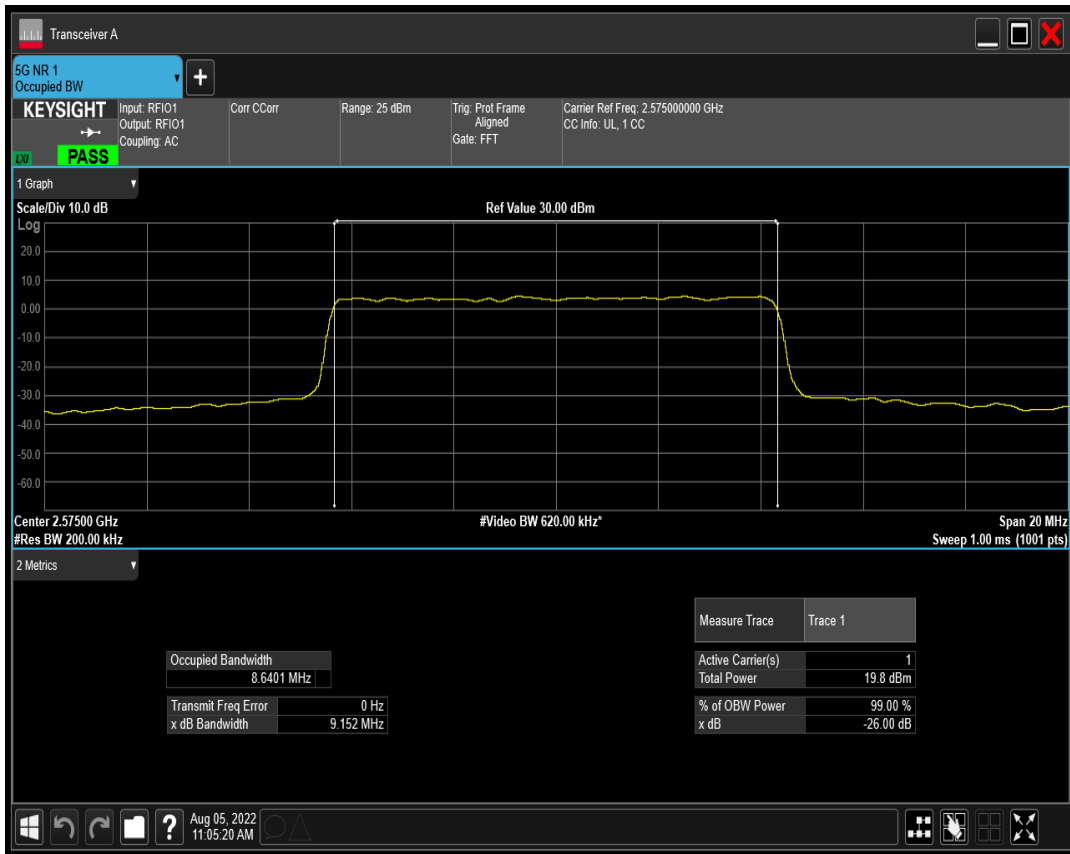
n38 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=515000 RB=24@0



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

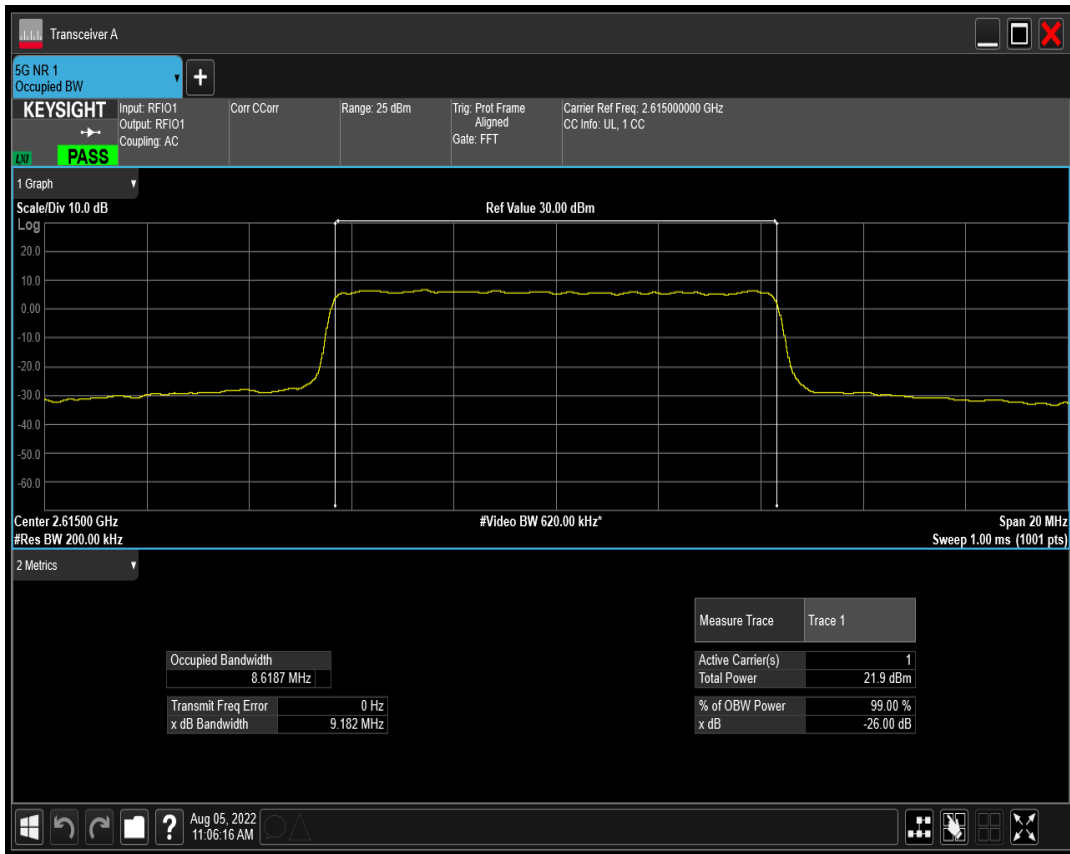


n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=523000 RB=24@0

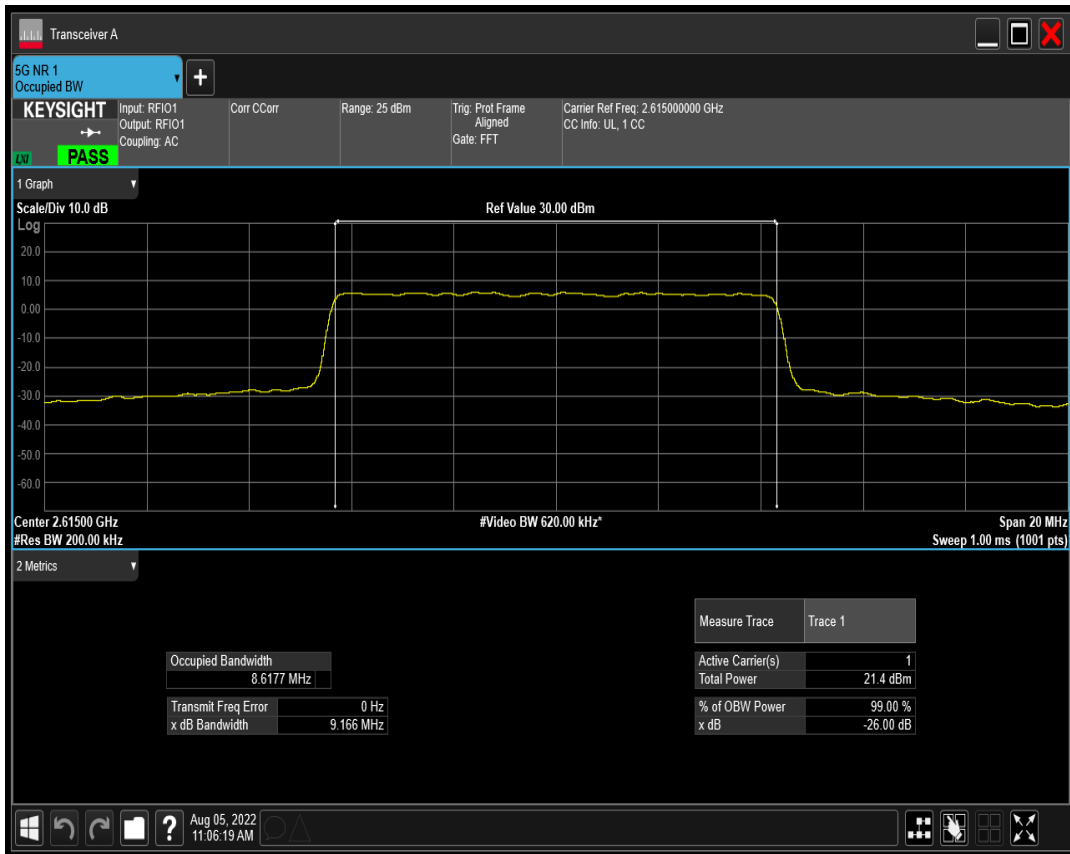




n38 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=523000 RB=24@0



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



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



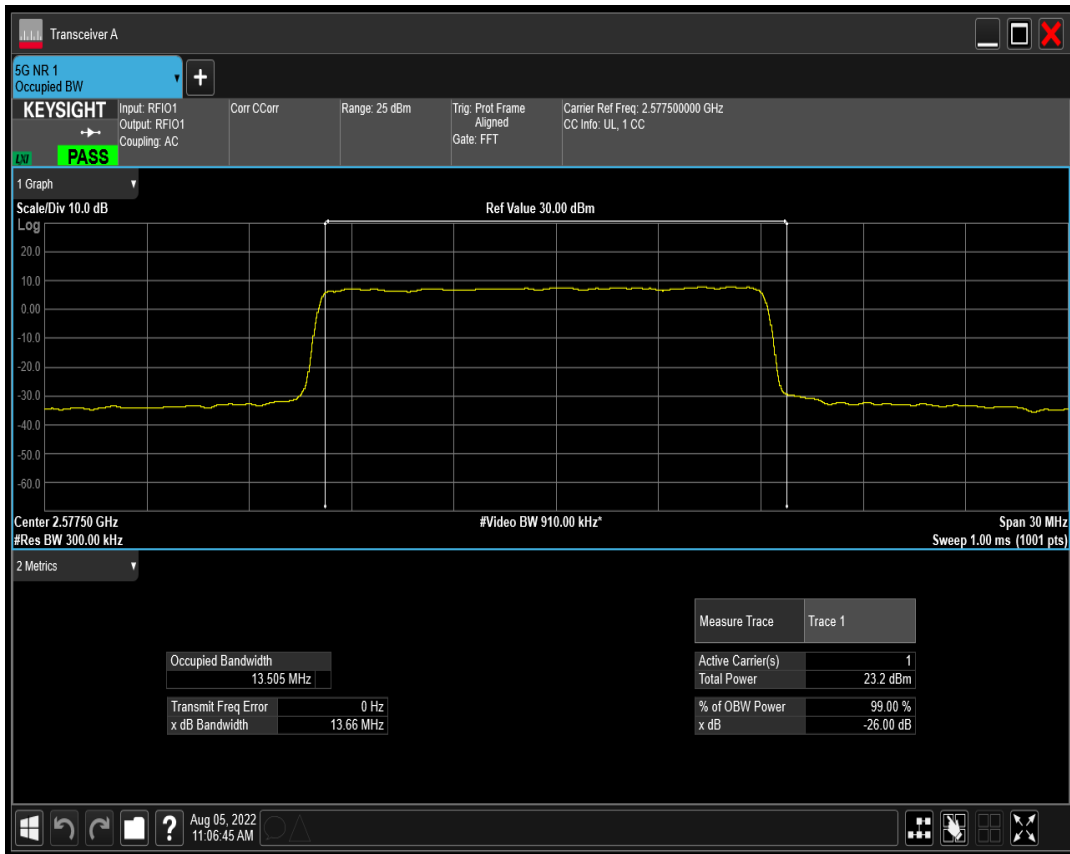
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n38 SCS=30kHz DFT\_BPSK BW=15MHz Channel=515500 RB=36@0



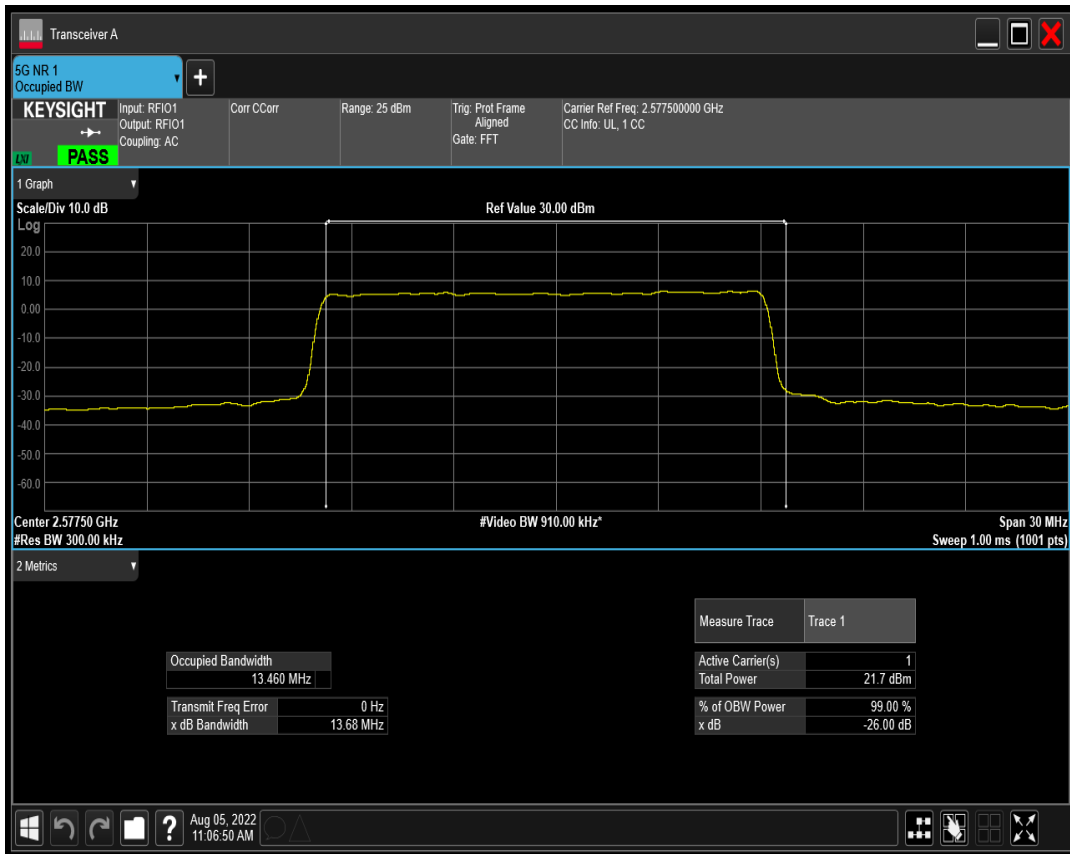
n38 SCS=30kHz DFT\_QPSK BW=15MHz Channel=515500 RB=36@0



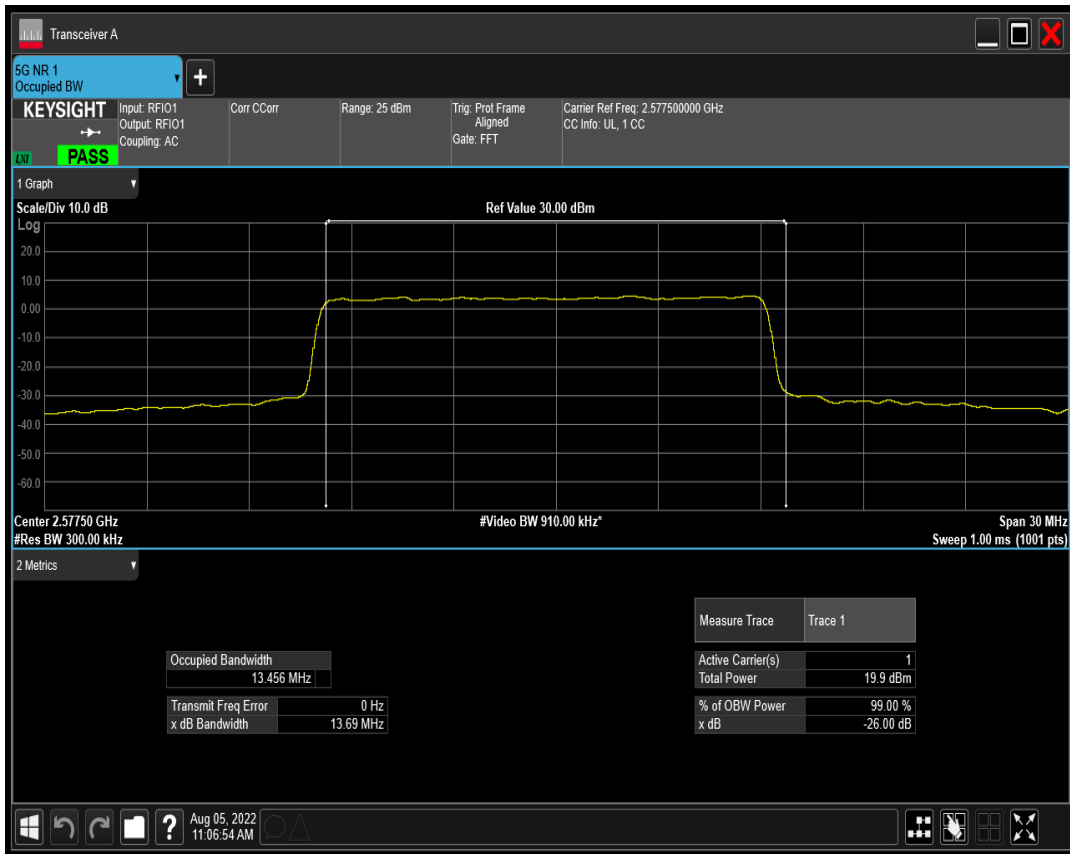
n38 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=515500 RB=36@0



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



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



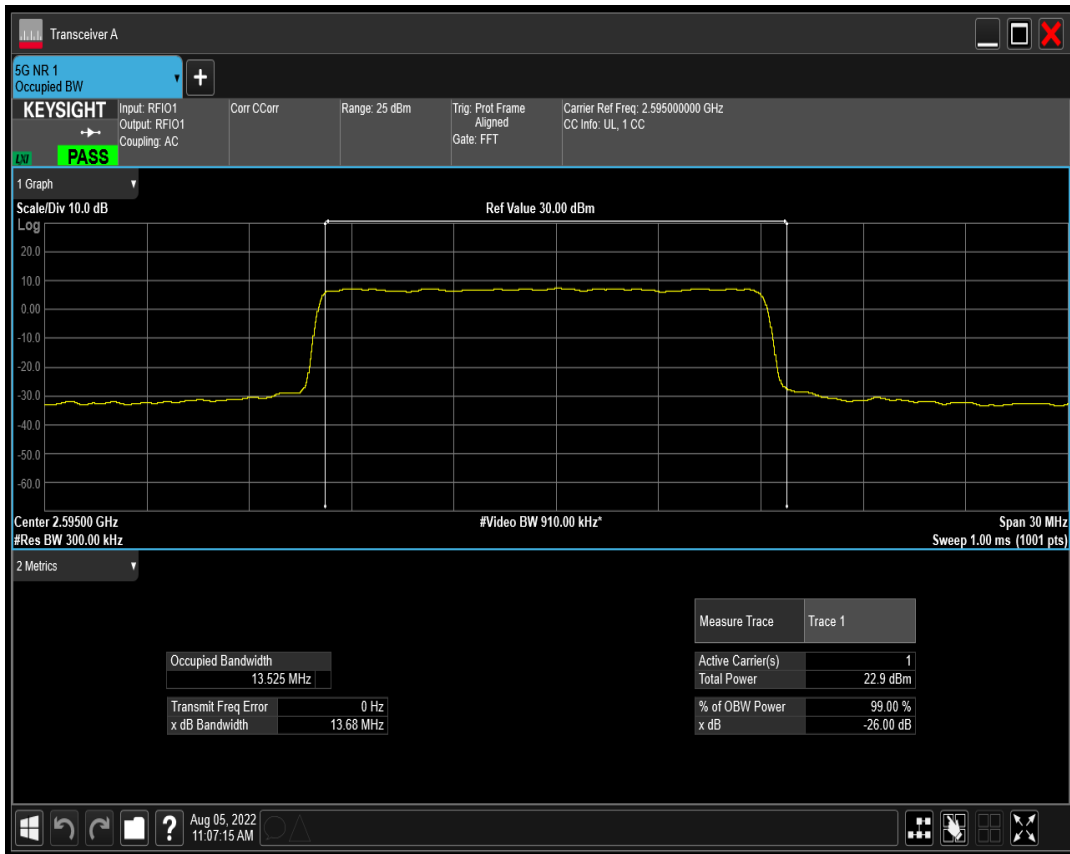
n38 SCS=30kHz CP\_QPSK BW=15MHz Channel=515500 RB=38@0



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



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



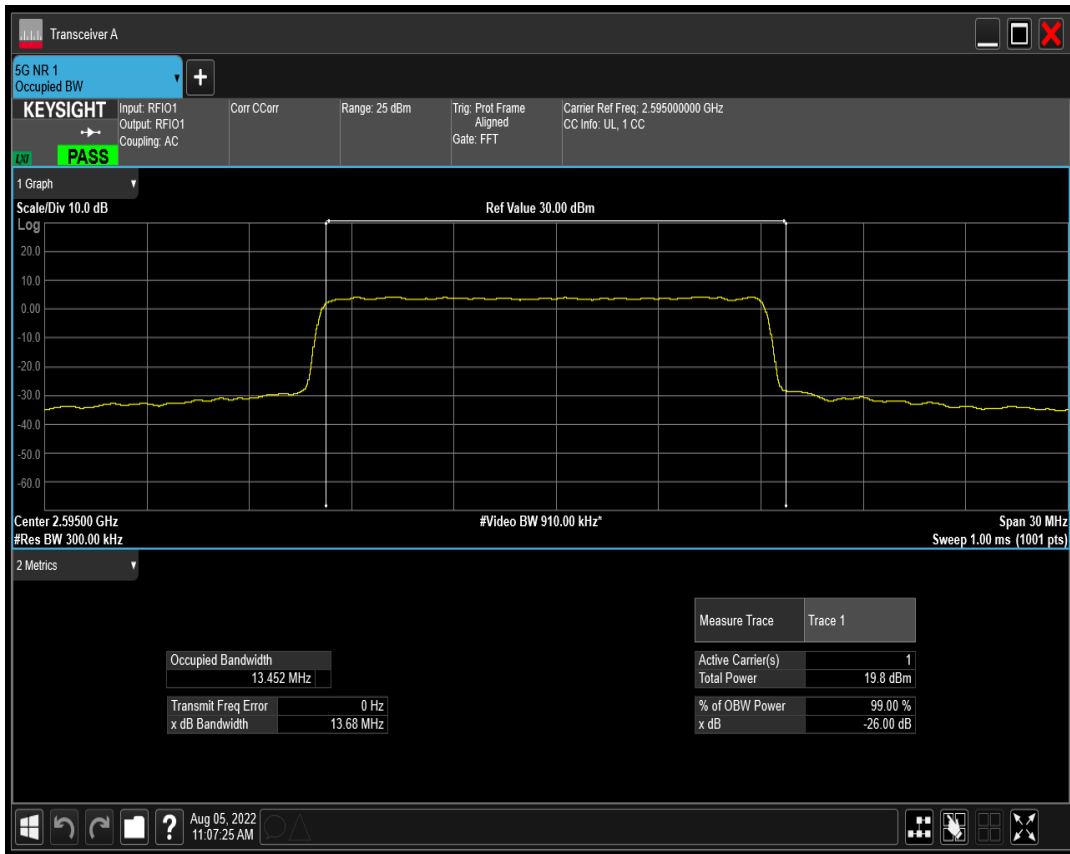
n38 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=519000 RB=36@0



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



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

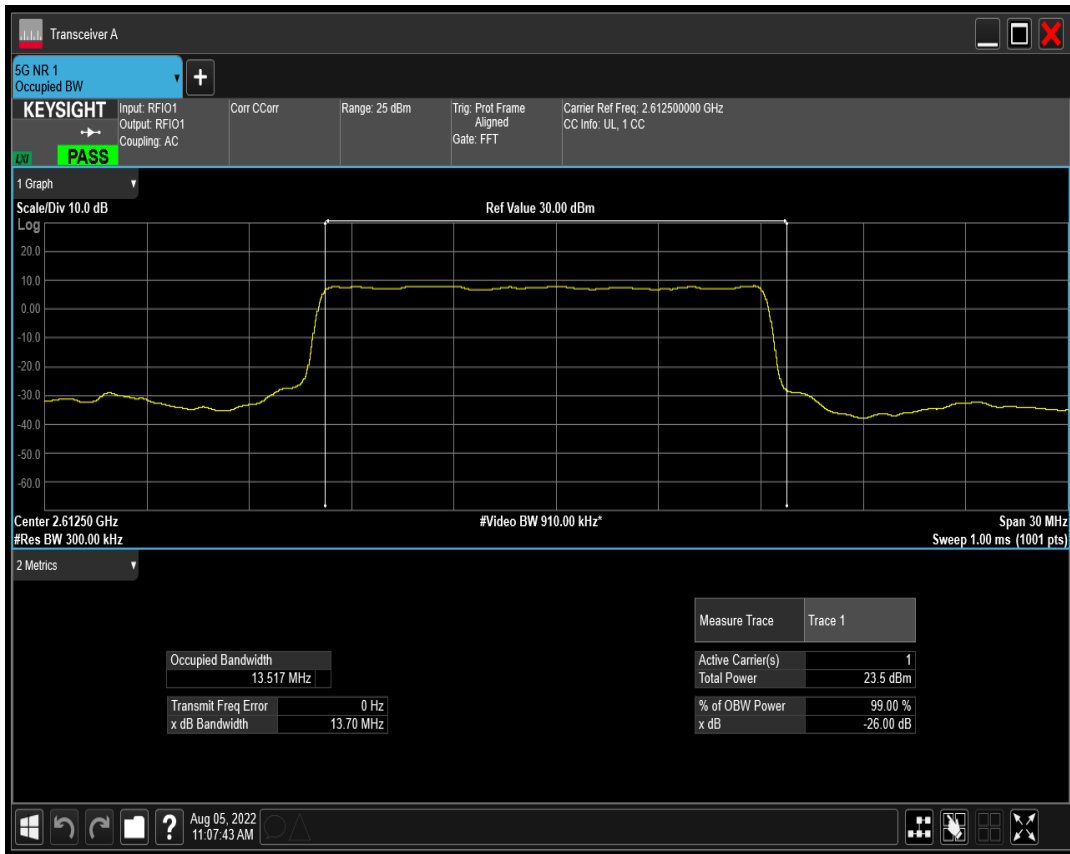


n38 SCS=30kHz CP\_QPSK BW=15MHz Channel=519000 RB=38@0

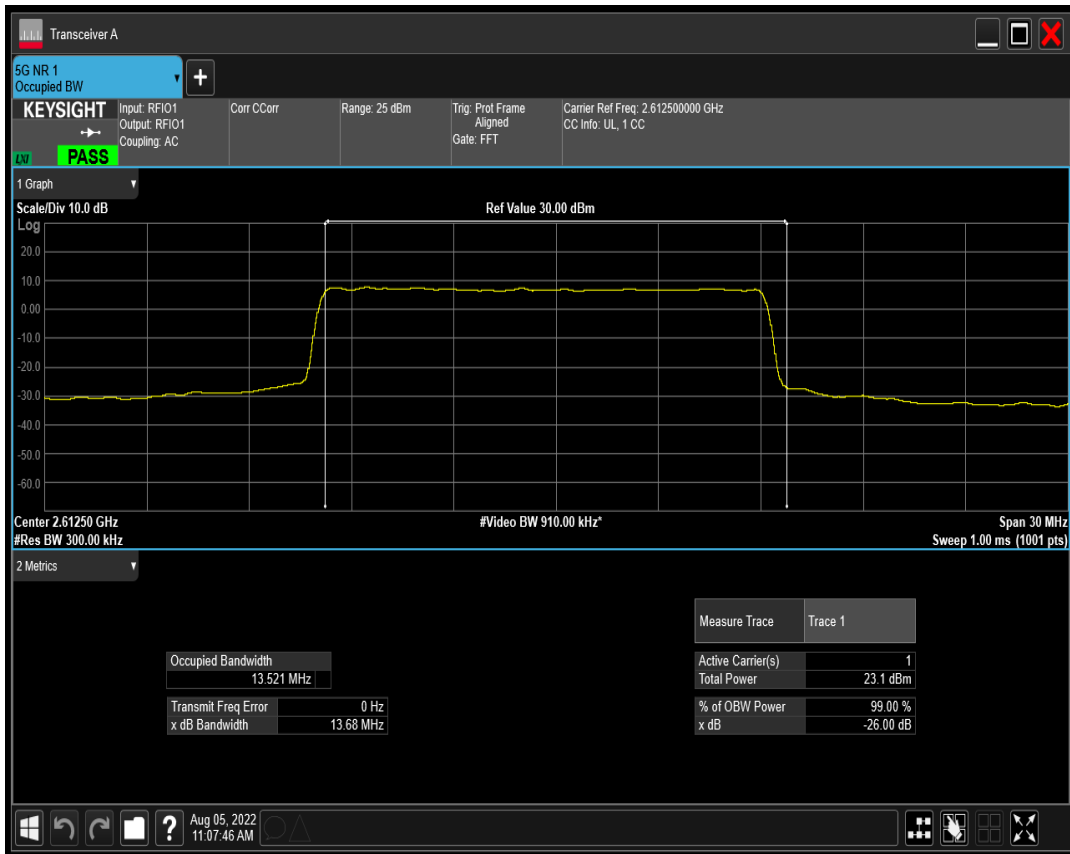




n38 SCS=30kHz DFT\_BPSK BW=15MHz Channel=522500 RB=36@0



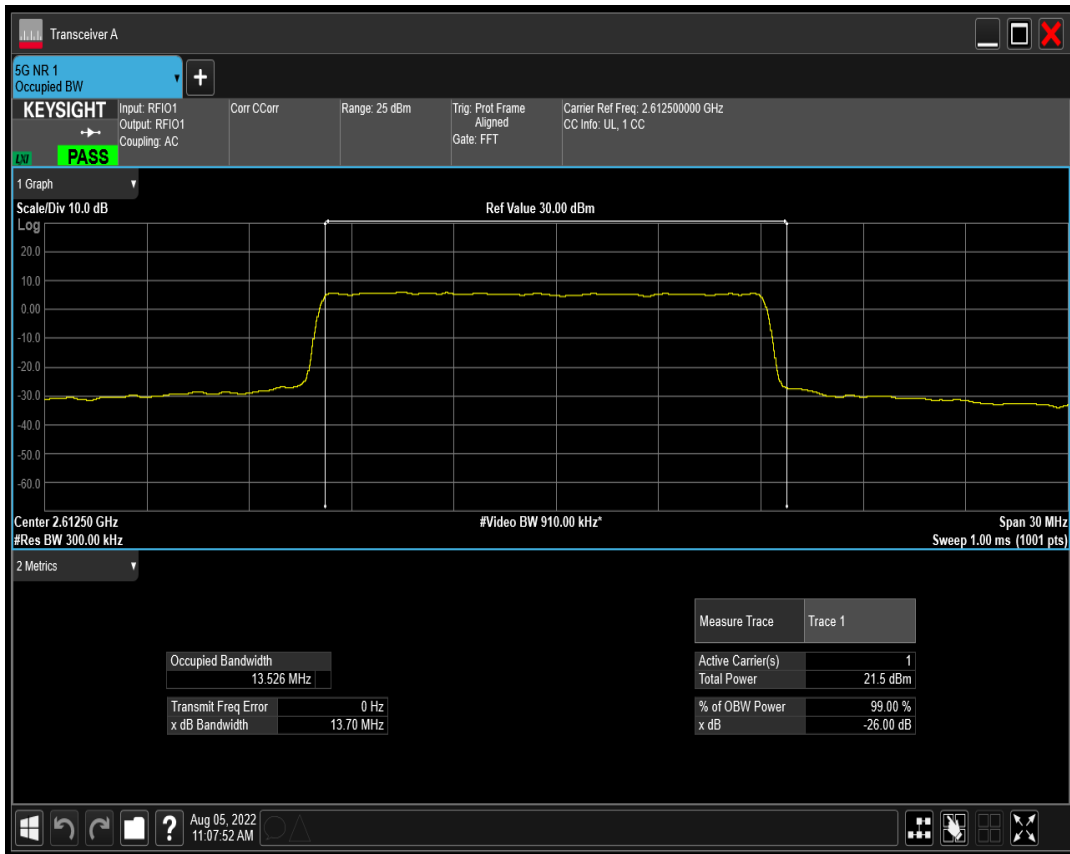
n38 SCS=30kHz DFT\_QPSK BW=15MHz Channel=522500 RB=36@0



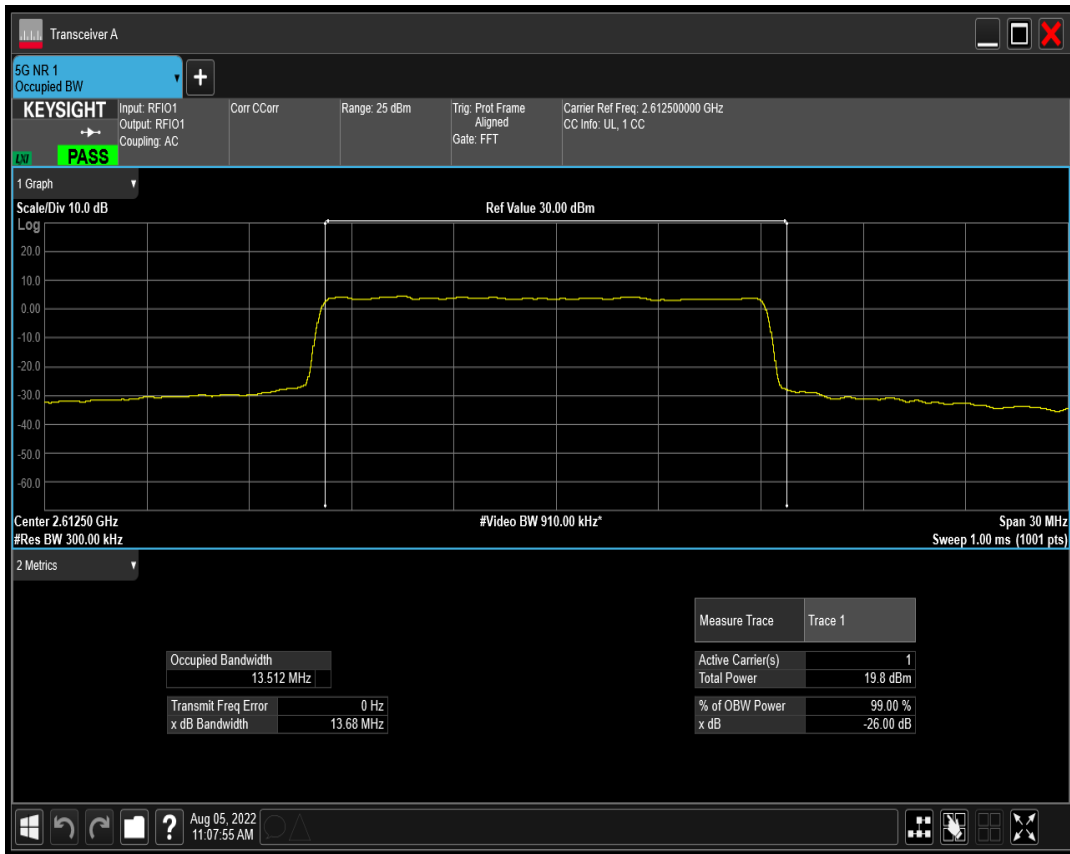
n38 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=522500 RB=36@0



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



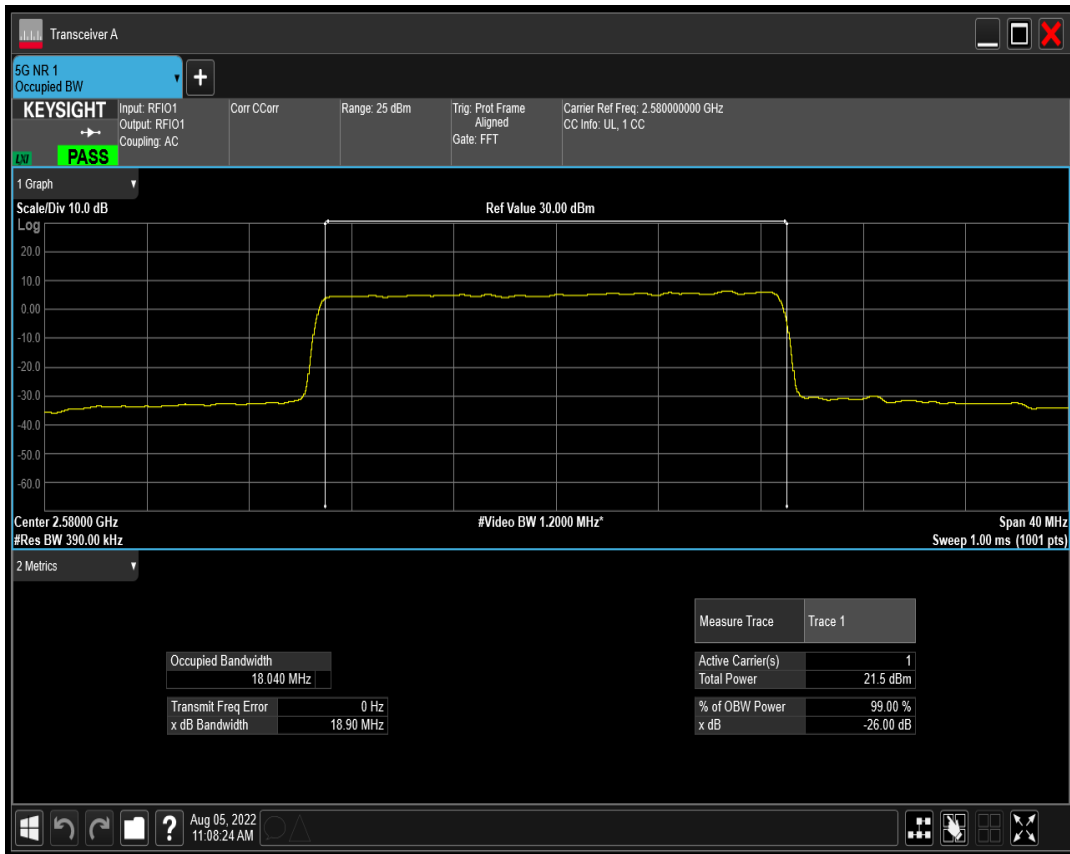
n38 SCS=30kHz DFT\_QPSK BW=20MHz Channel=516000 RB=50@0



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

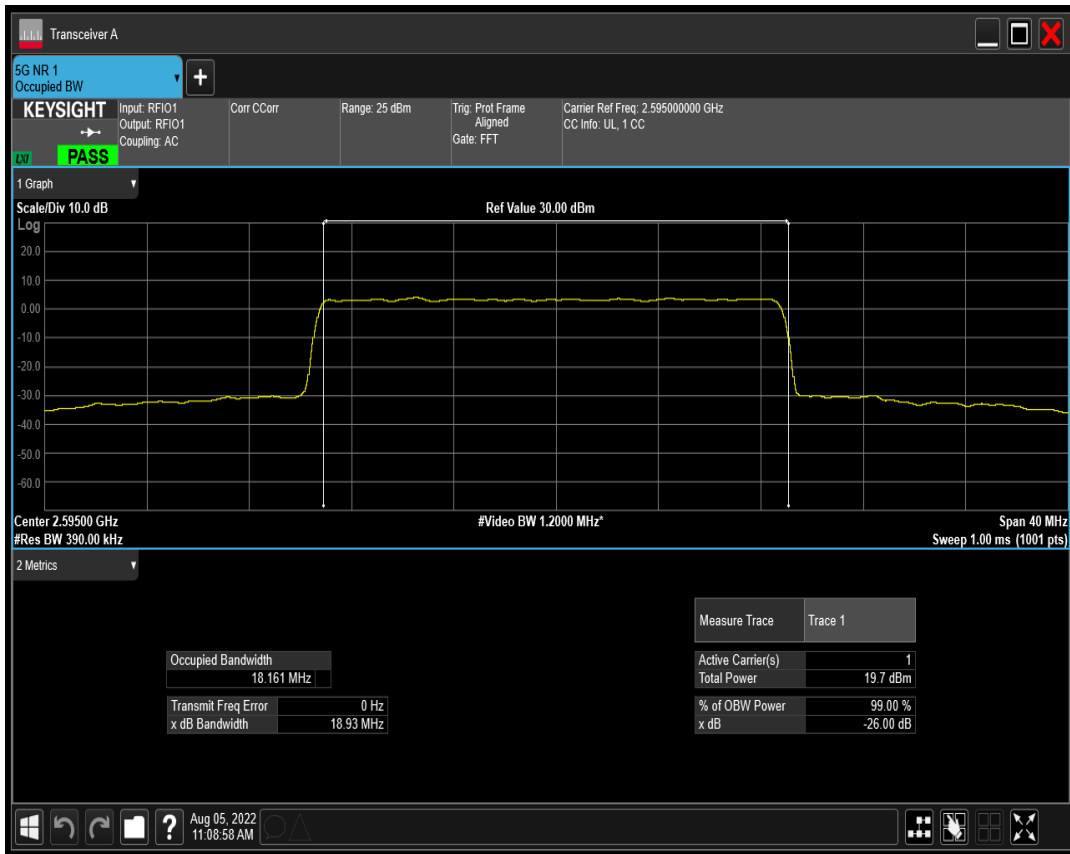


n38 SCS=30kHz DFT\_QAM64 BW=20MHz Channel=519000 RB=50@0





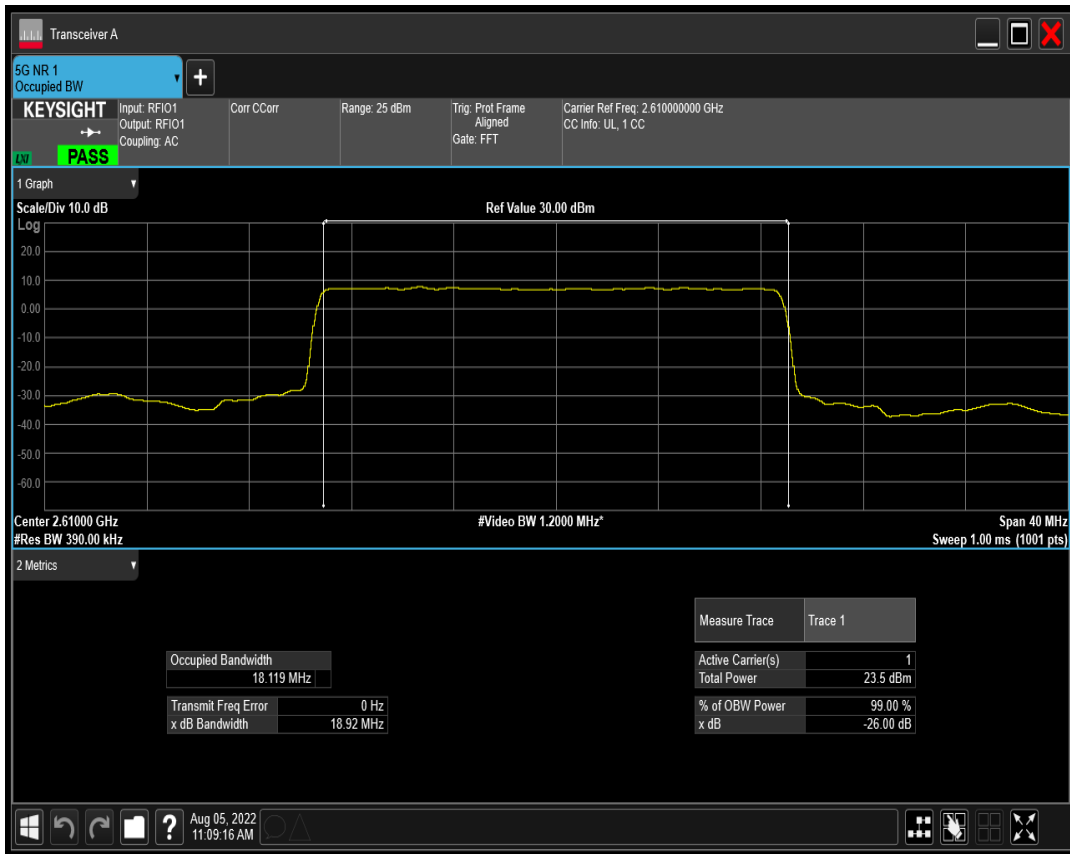
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n38 SCS=30kHz CP\_QPSK BW=20MHz Channel=519000 RB=51@0



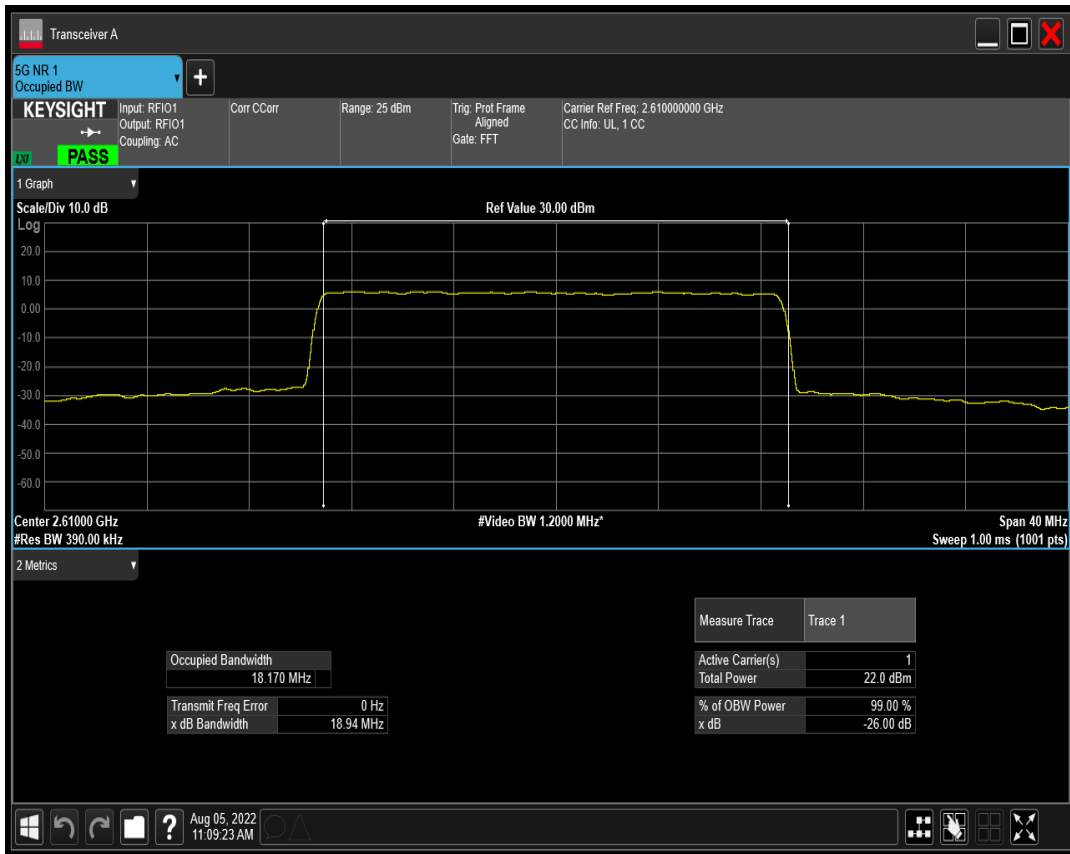
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n38 SCS=30kHz DFT\_QPSK BW=20MHz Channel=522000 RB=50@0



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



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



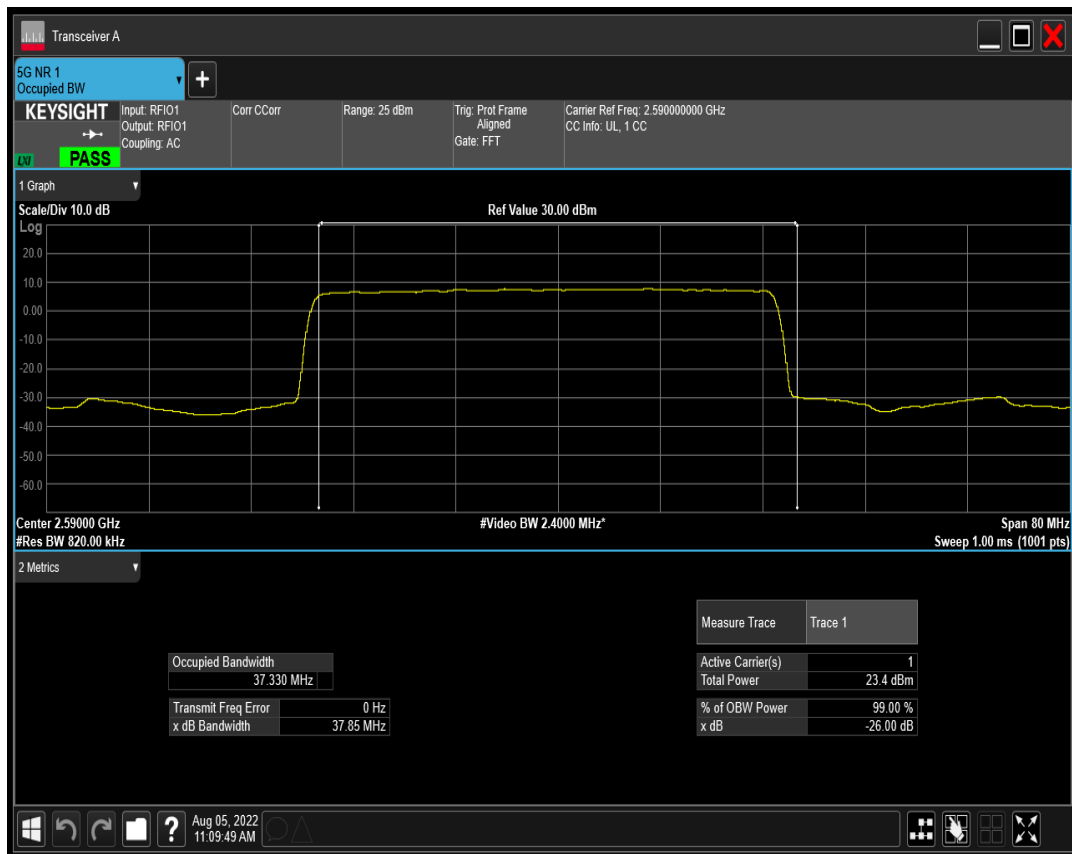
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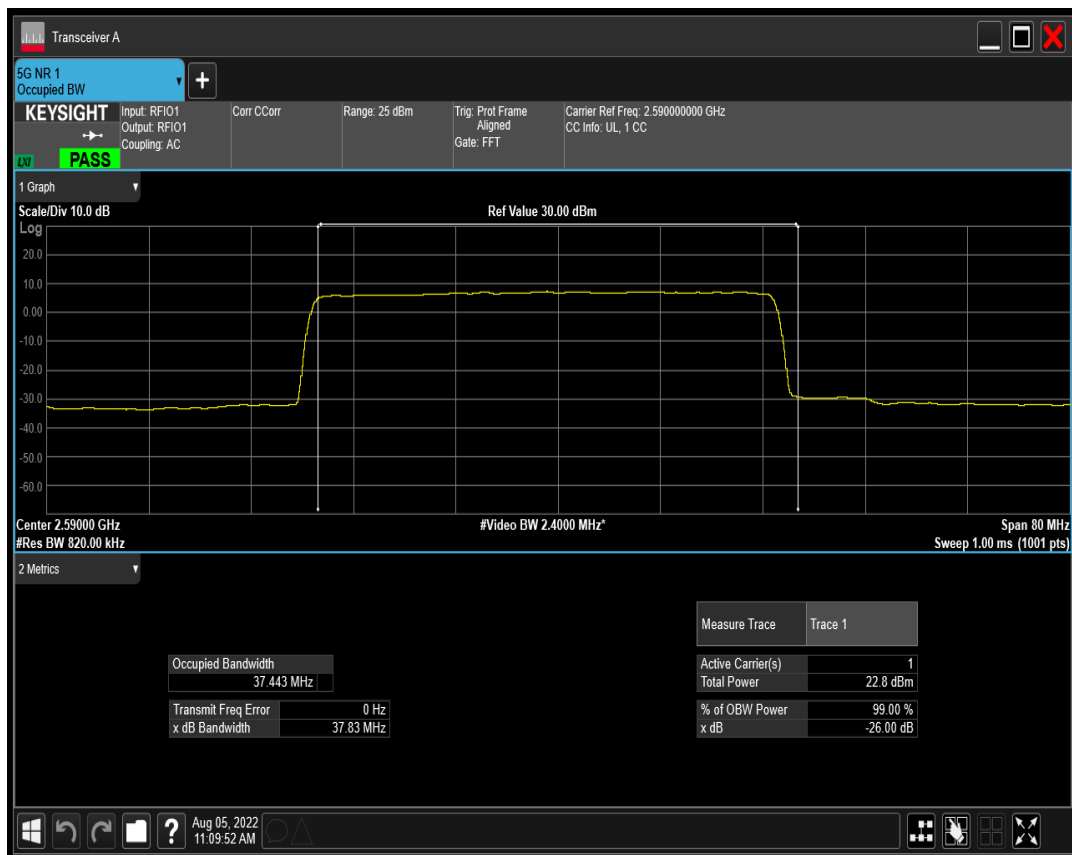
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n38 SCS=30kHz DFT\_BPSK BW=40MHz Channel=518000 RB=100@0



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



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



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



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



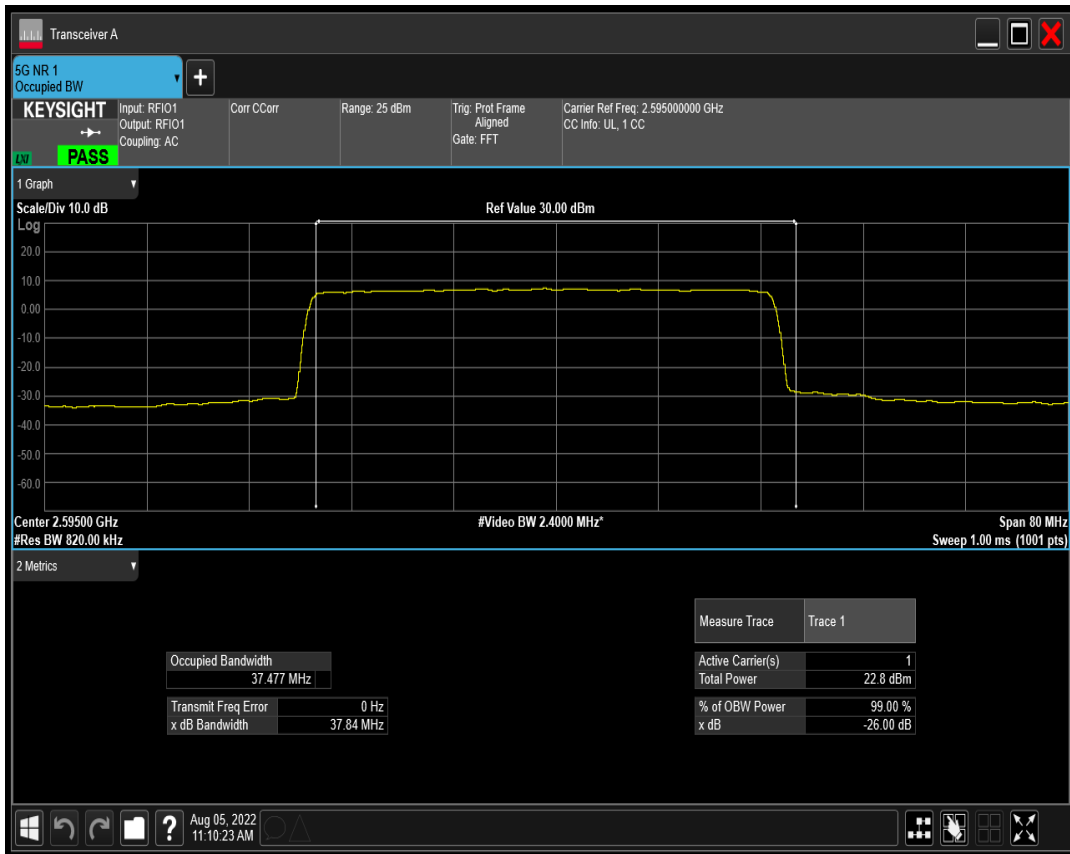
n38 SCS=30kHz CP\_QPSK BW=40MHz Channel=518000 RB=106@0



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

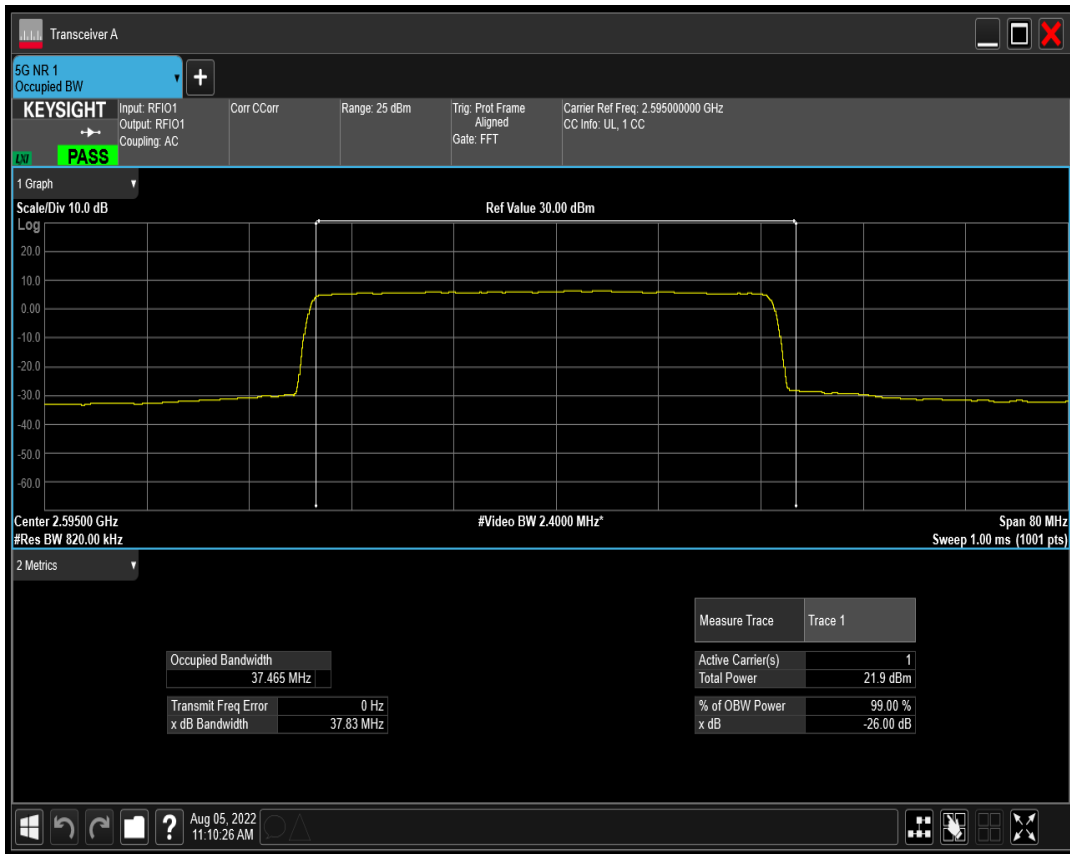


n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=519000 RB=100@0

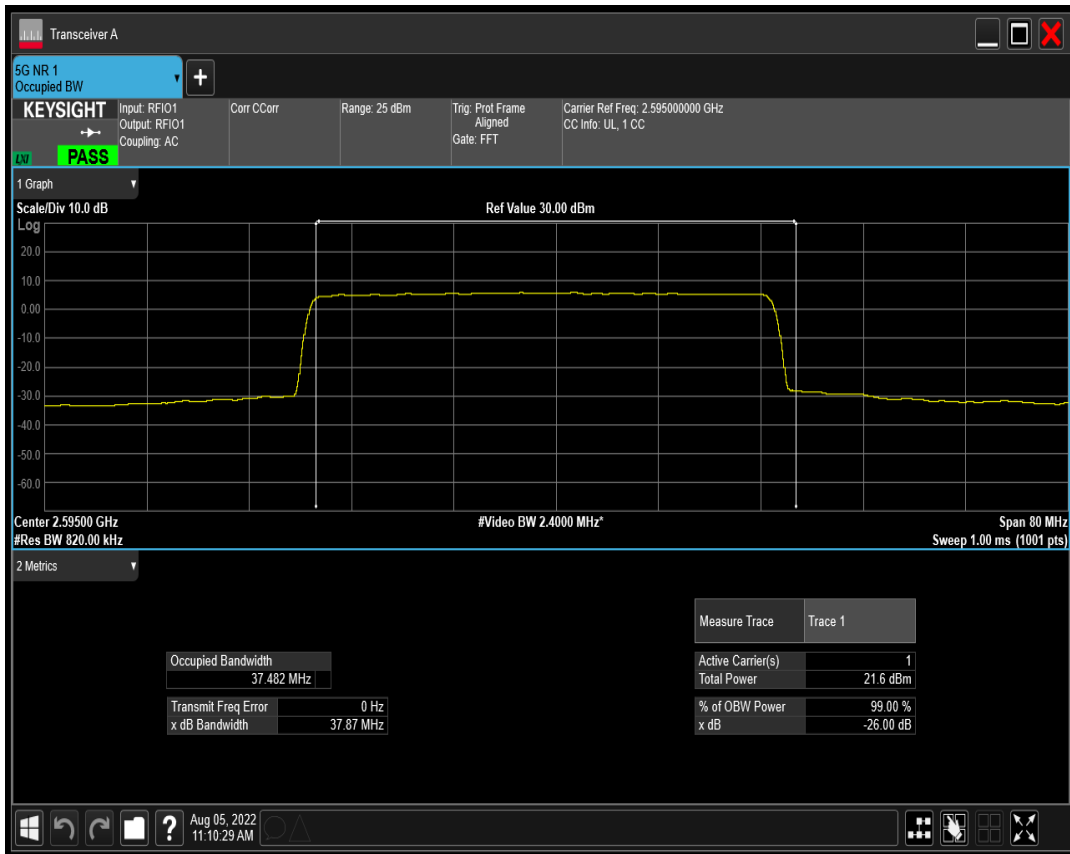




n38 SCS=30kHz DFT\_QAM16 BW=40MHz Channel=519000 RB=100@0



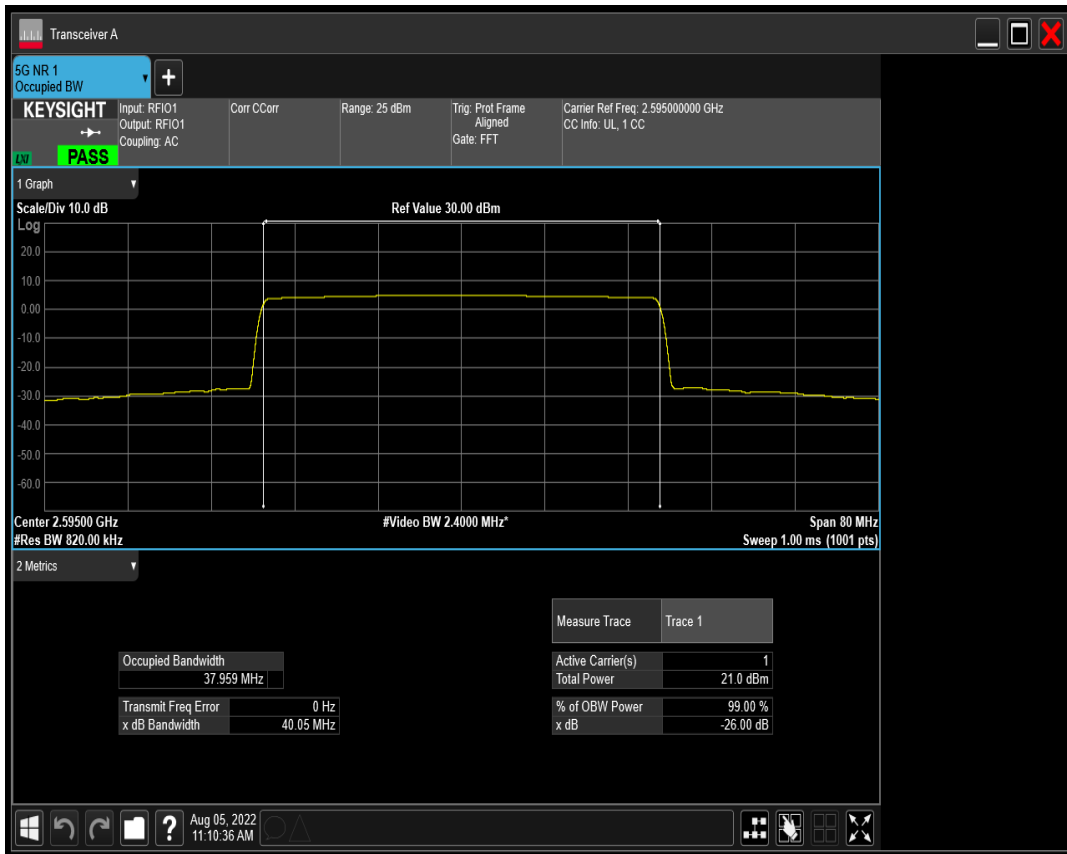
n38 SCS=30kHz DFT\_QAM64 BW=40MHz Channel=519000 RB=100@0



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



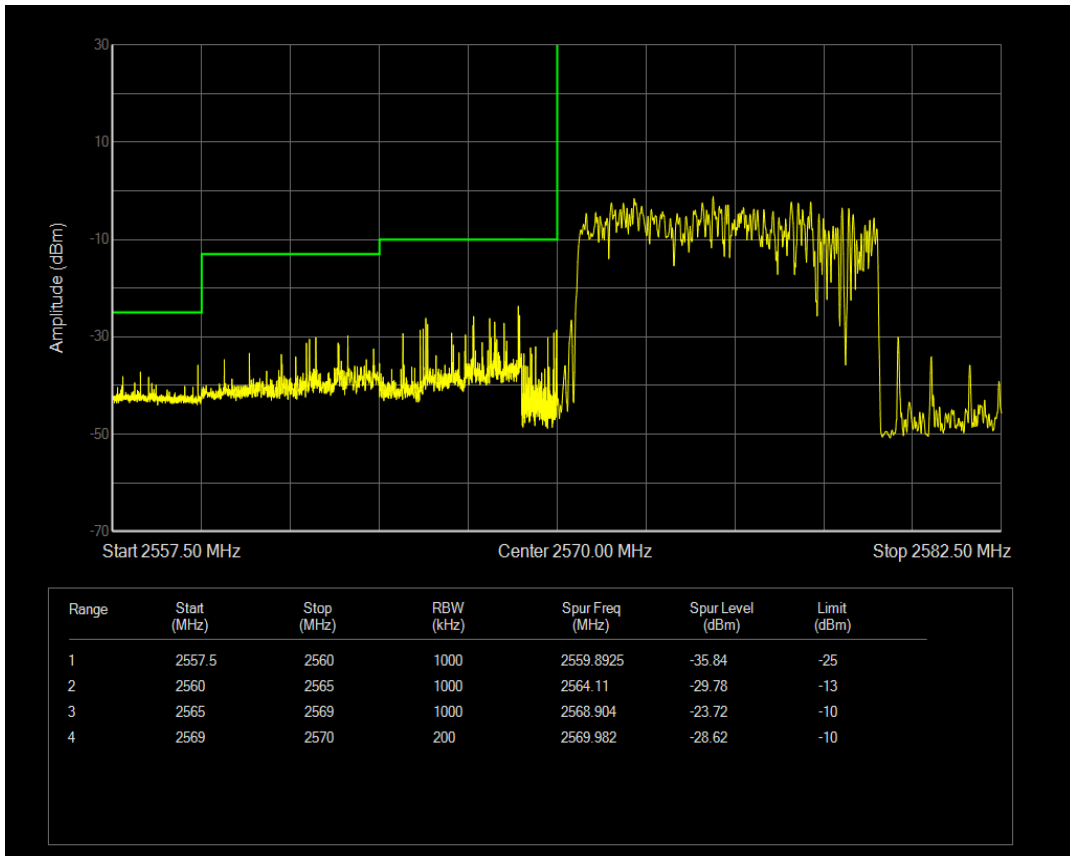
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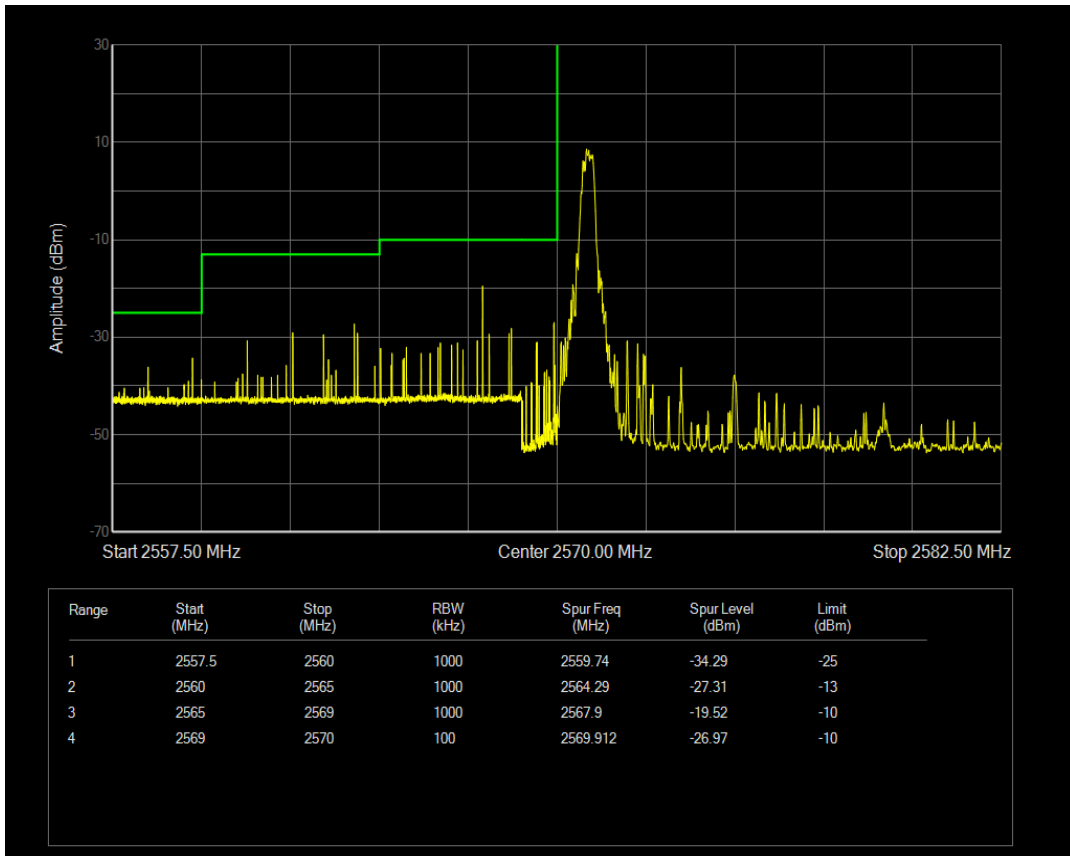
**5 Band edge for NR FR1**

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n38	30	10	515000	24@0	DFT_QPSK	2559.89	-35.84	-25	PASS
n38	30	10	515000	1@0	DFT_QPSK	2559.74	-34.29	-25	PASS
n38	30	10	523000	24@0	DFT_QPSK	2630.00	-36.50	-25	PASS
n38	30	10	523000	1@23	DFT_QPSK	2621.05	-17.14	-10	PASS
n38	30	40	518000	100@0	DFT_QPSK	2521.15	-41.46	-25	PASS
n38	30	40	518000	1@0	DFT_QPSK	2568.71	-22.04	-10	PASS
n38	30	40	520000	100@0	DFT_QPSK	2660.70	-41.68	-25	PASS
n38	30	40	520000	1@105	DFT_QPSK	2621.42	-21.65	-10	PASS

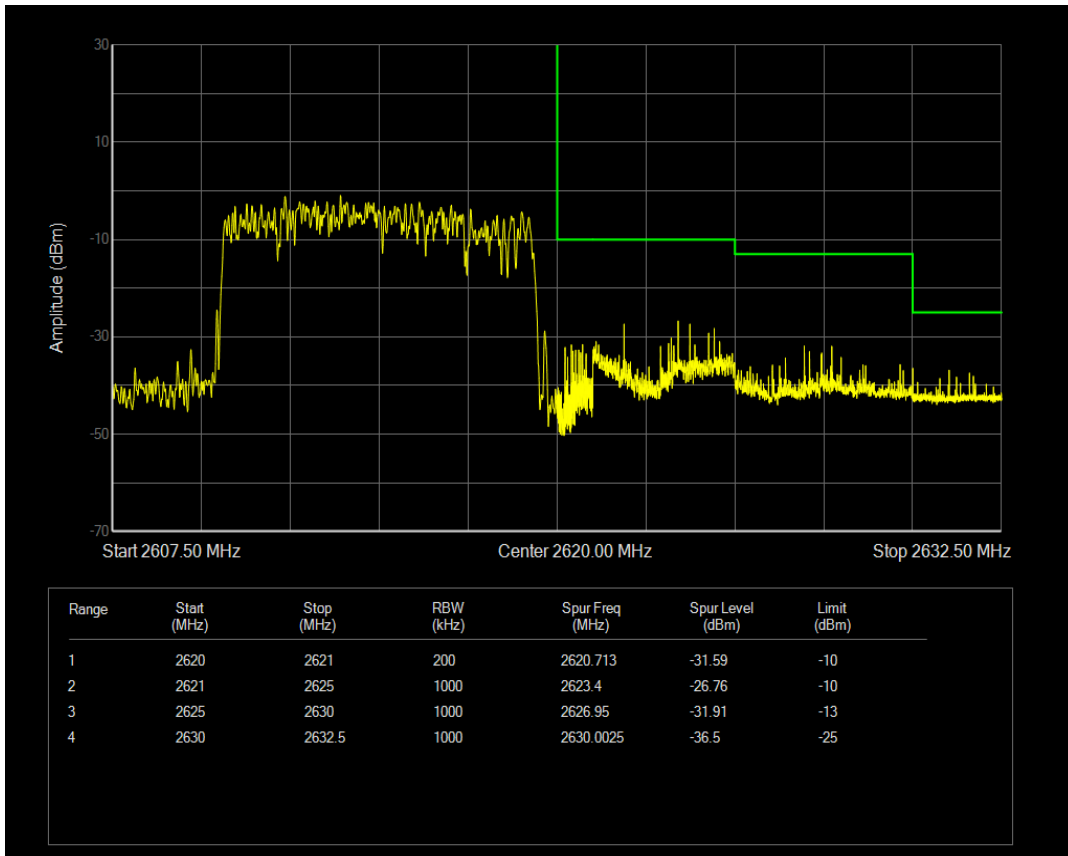
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=515000 RB=24@0



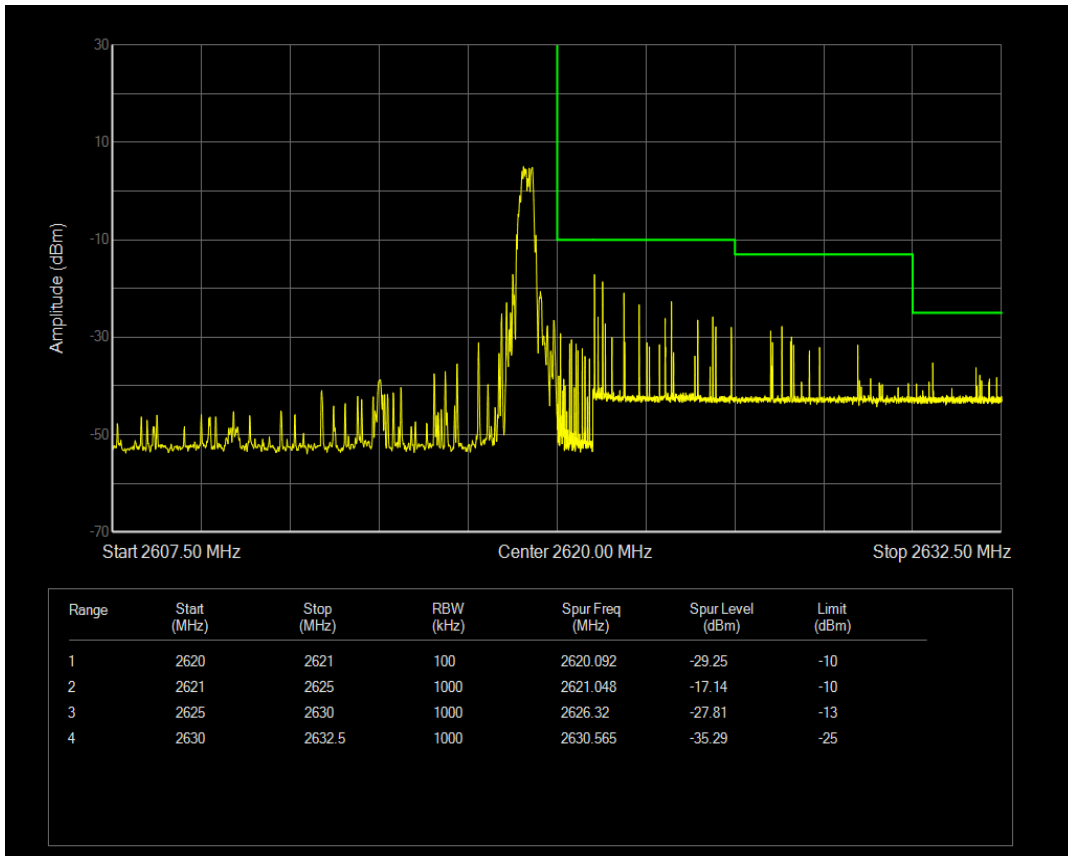
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=515000 RB=1@0



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

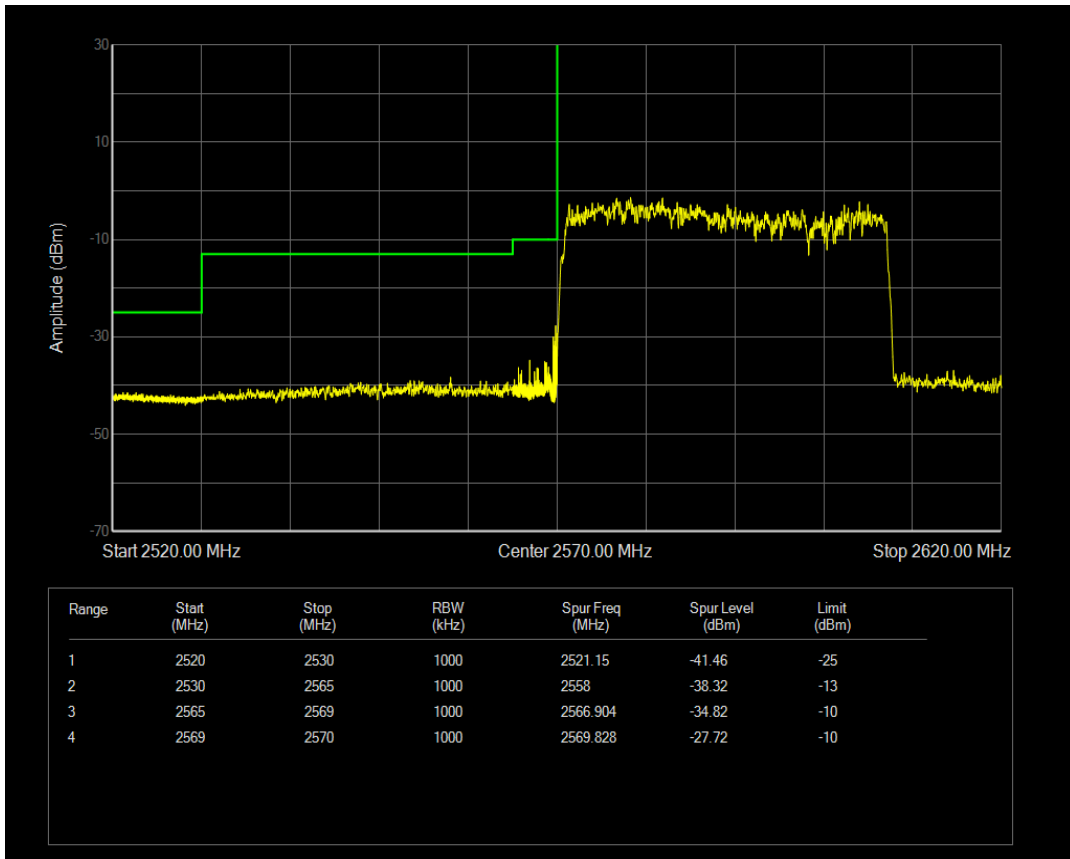


n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=523000 RB=1@23

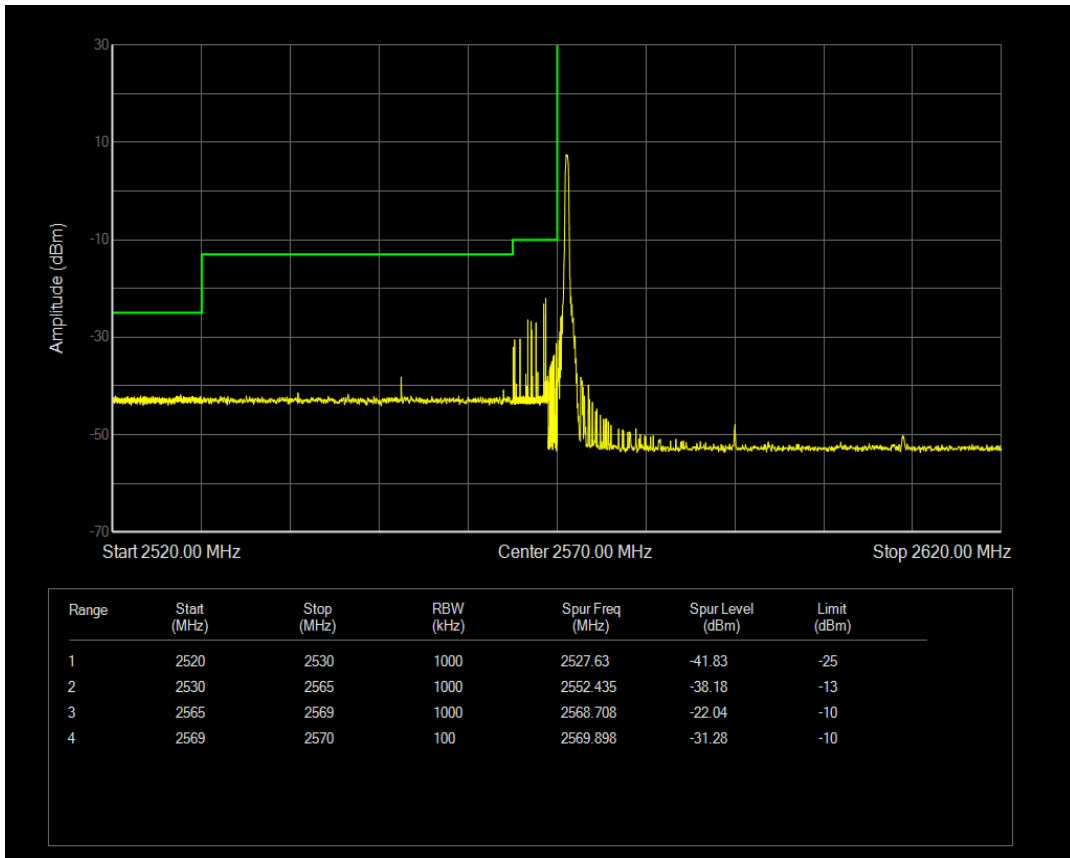




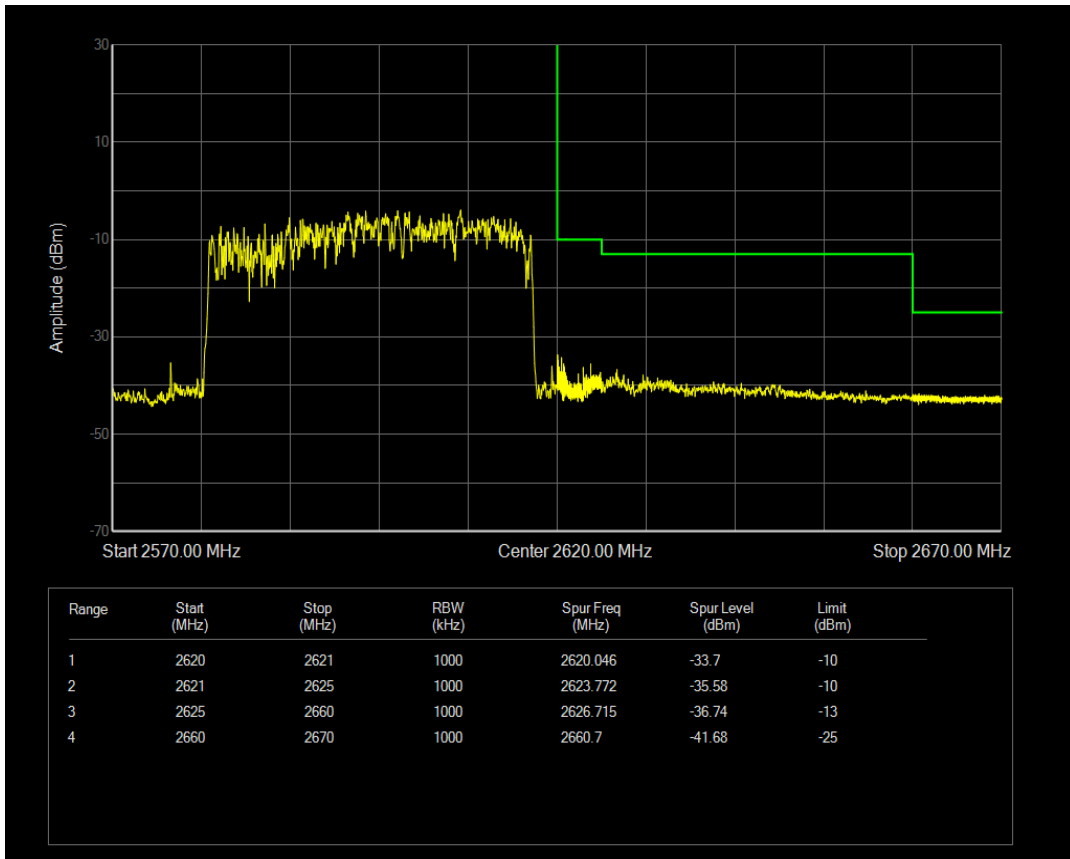
n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=518000 RB=100@0



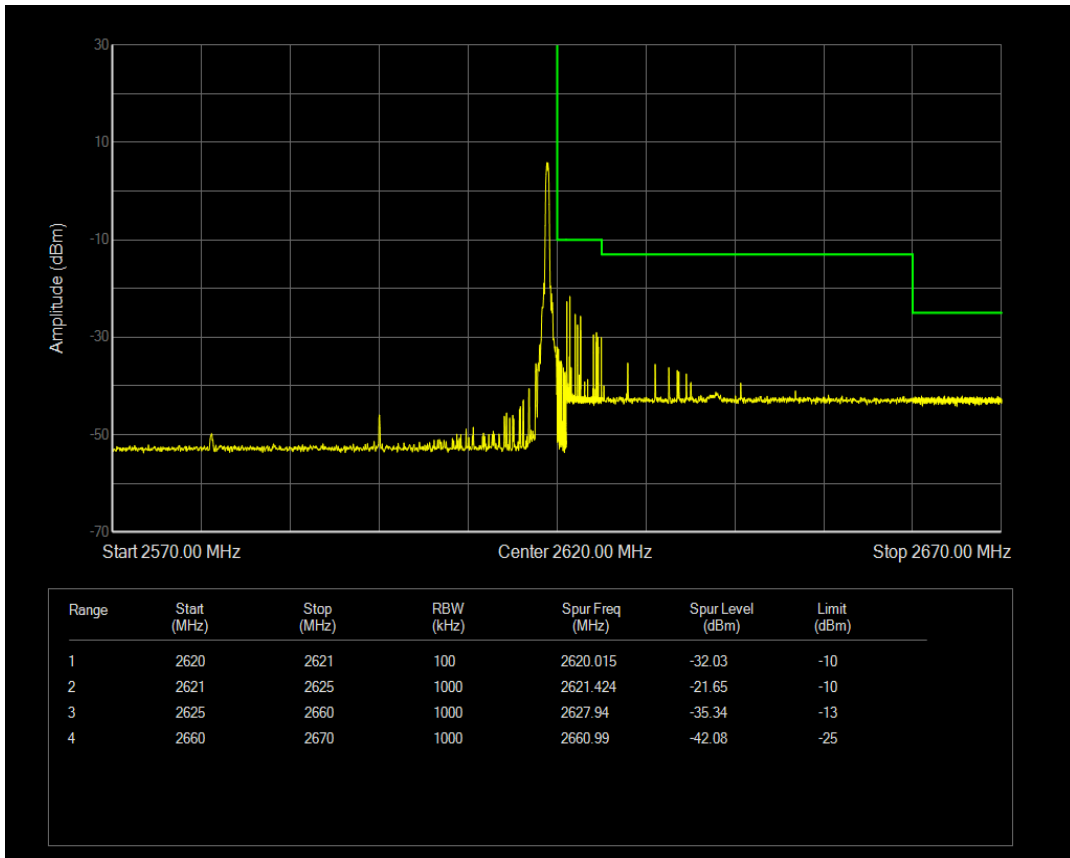
n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=518000 RB=1@0



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



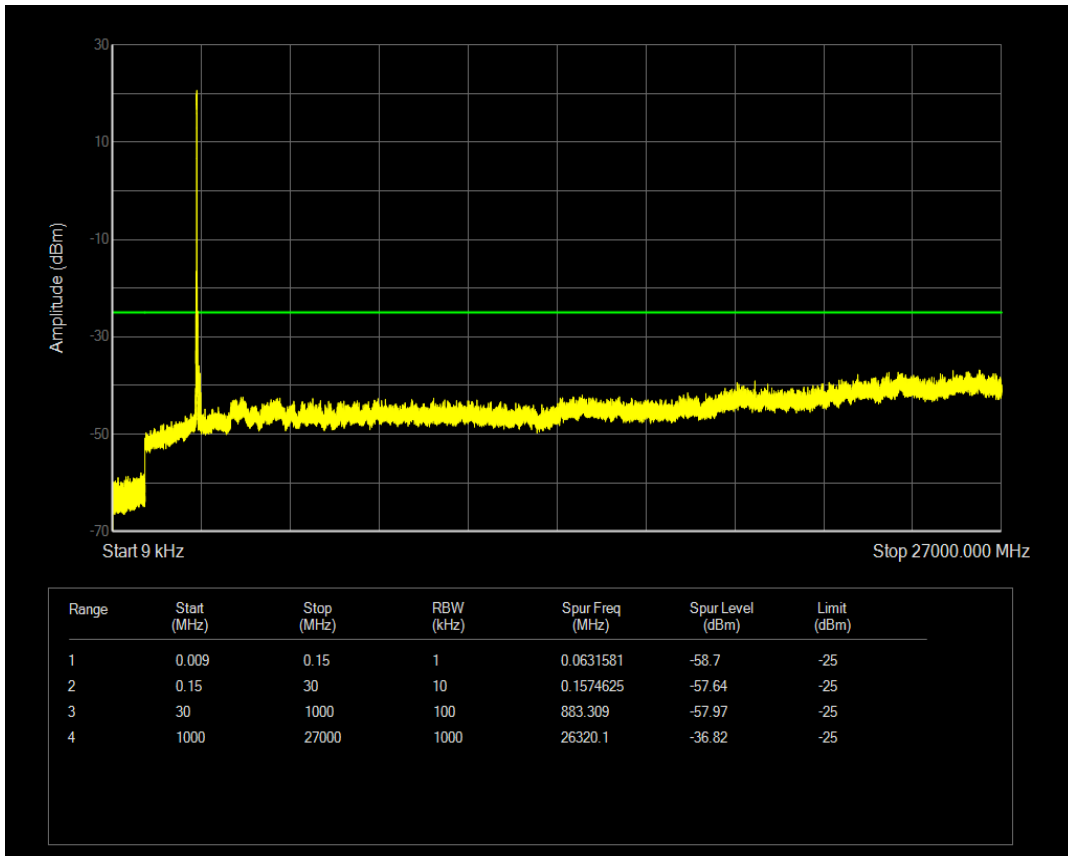
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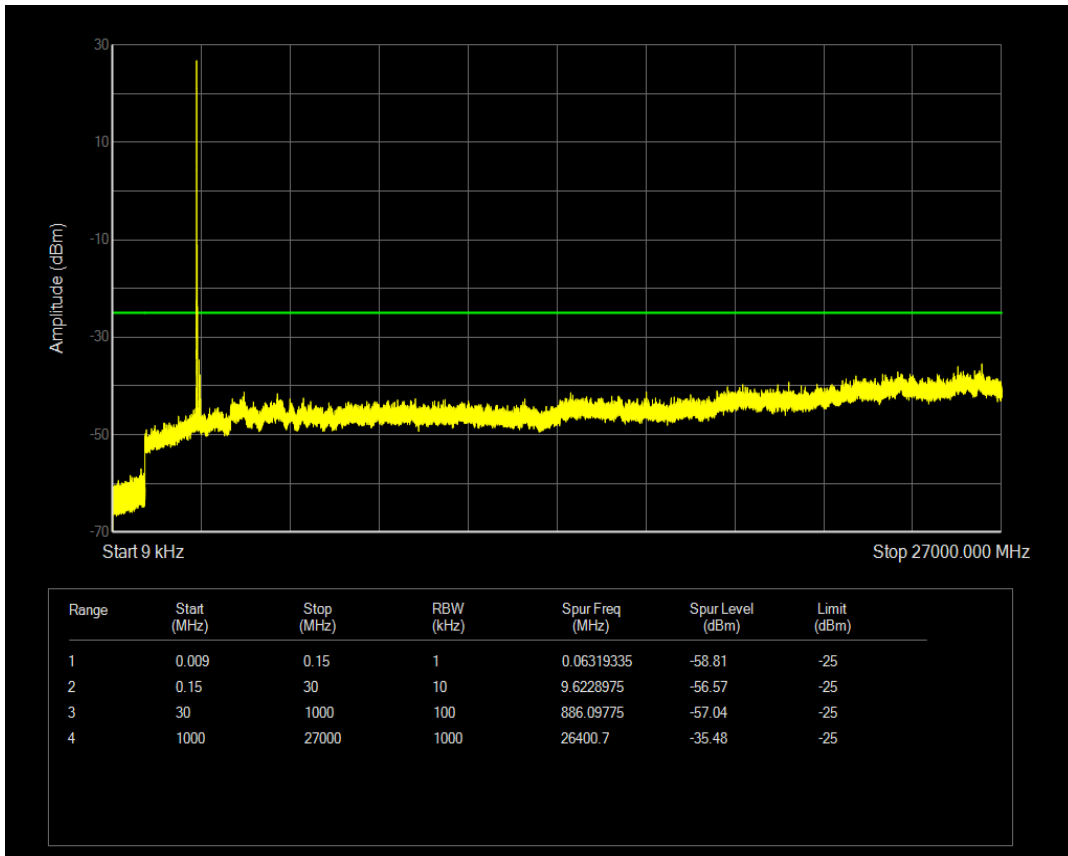
**6 Out-of-band emissions for NR FR1**

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	26320.10	-36.82	-25	PASS
n38	30	10	515000	1@0	DFT_QPSK	26400.70	-35.48	-25	PASS
n38	30	10	515000	1@23	DFT_QPSK	23893.65	-36.22	-25	PASS
n38	30	10	519000	24@0	DFT_QPSK	2668.55	-31.42	-25	PASS
n38	30	10	519000	1@0	DFT_QPSK	2523.60	-35.45	-25	PASS
n38	30	10	519000	1@23	DFT_QPSK	2680.25	-36.38	-25	PASS
n38	30	10	523000	24@0	DFT_QPSK	25945.05	-35.24	-25	PASS
n38	30	10	523000	1@0	DFT_QPSK	26057.50	-36.04	-25	PASS
n38	30	10	523000	1@23	DFT_QPSK	2665.95	-29.18	-25	PASS
n38	30	40	518000	100@0	DFT_QPSK	26343.50	-36.69	-25	PASS
n38	30	40	518000	1@0	DFT_QPSK	23985.95	-36.24	-25	PASS
n38	30	40	518000	1@105	DFT_QPSK	23952.80	-36.32	-25	PASS
n38	30	40	519000	100@0	DFT_QPSK	25975.60	-35.80	-25	PASS
n38	30	40	519000	1@0	DFT_QPSK	25949.60	-35.94	-25	PASS
n38	30	40	519000	1@105	DFT_QPSK	25949.60	-35.70	-25	PASS
n38	30	40	520000	100@0	DFT_QPSK	26327.25	-36.64	-25	PASS
n38	30	40	520000	1@0	DFT_QPSK	26272.65	-36.61	-25	PASS
n38	30	40	520000	1@105	DFT_QPSK	25995.10	-36.45	-25	PASS

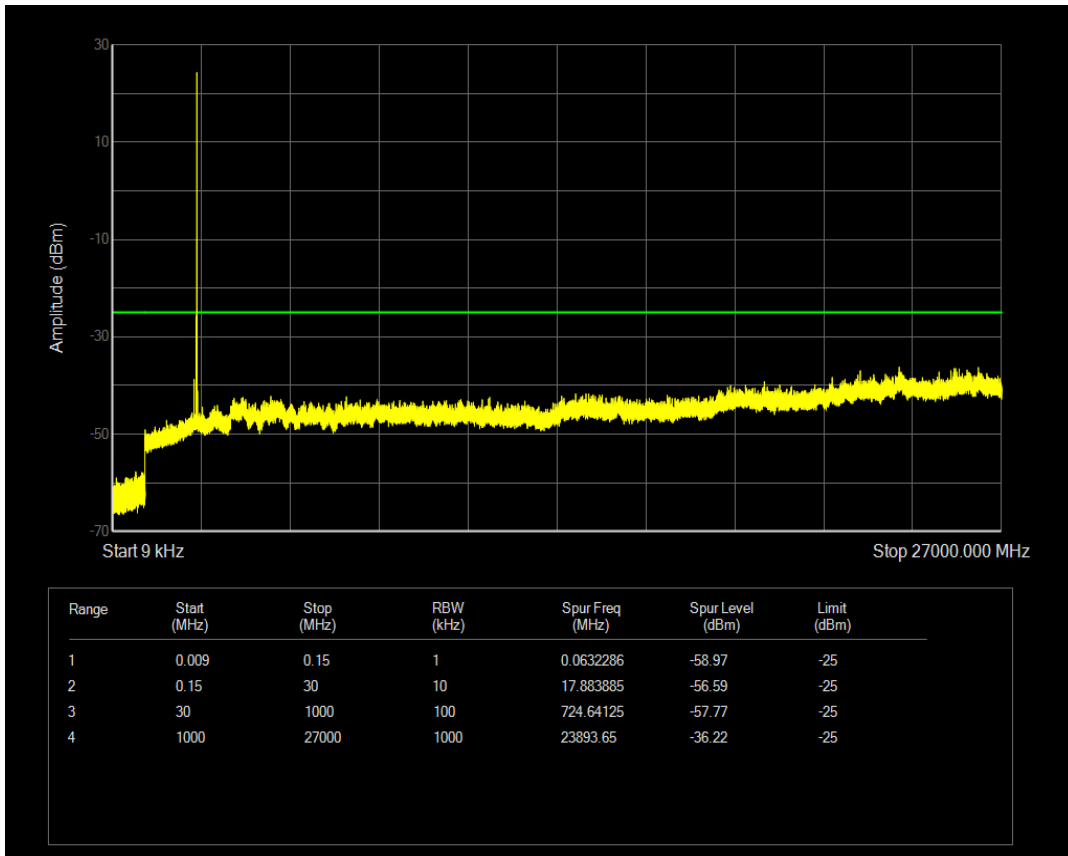
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=515000 RB=24@0



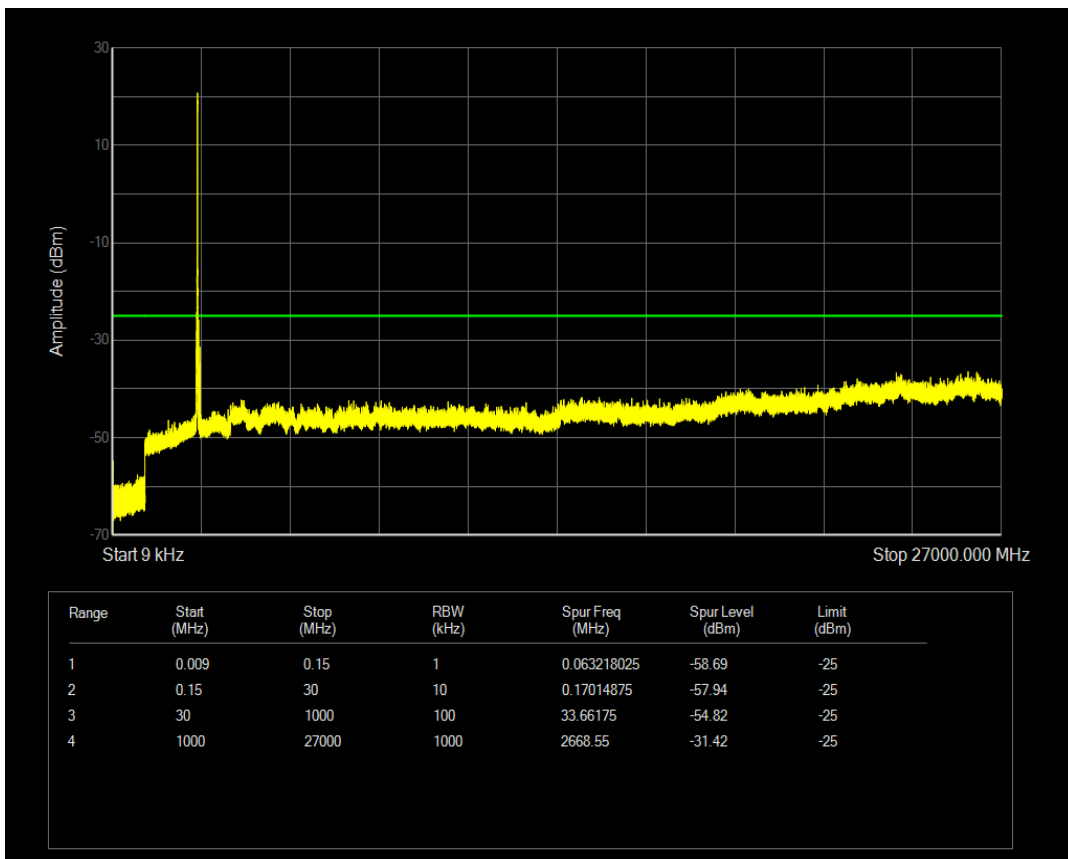
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=515000 RB=1@0



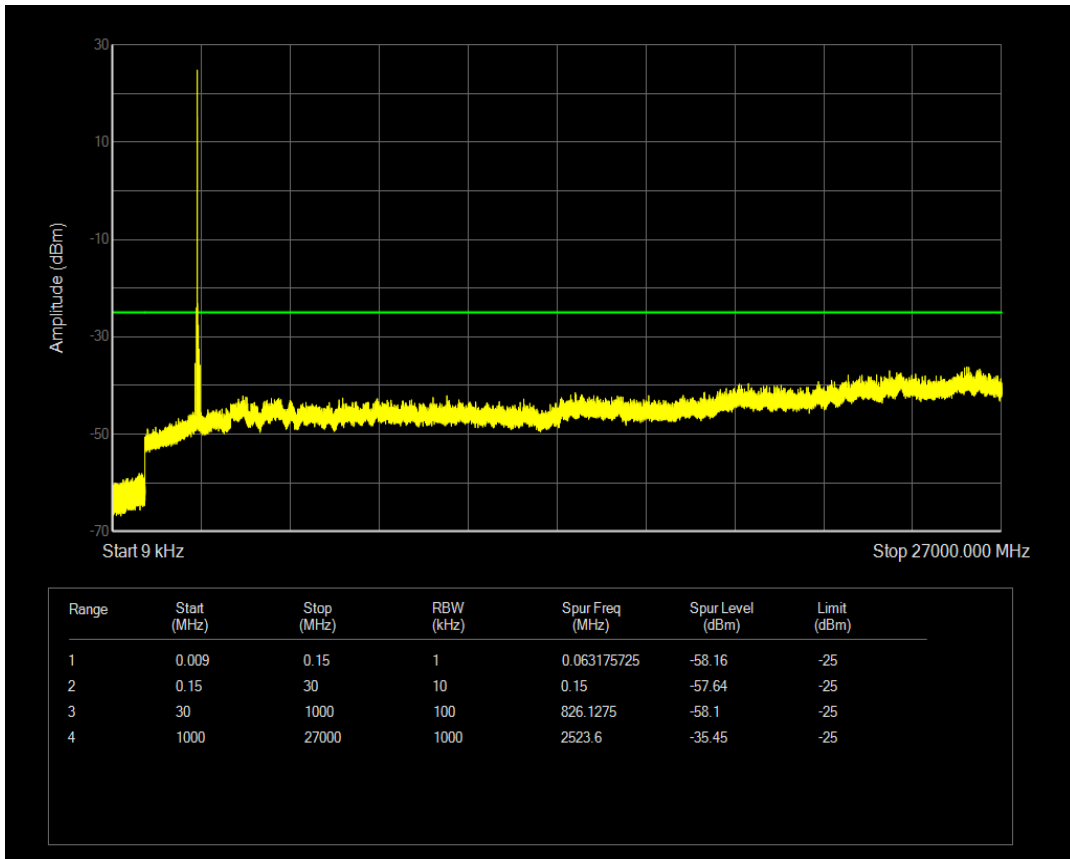
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=515000 RB=1 @23



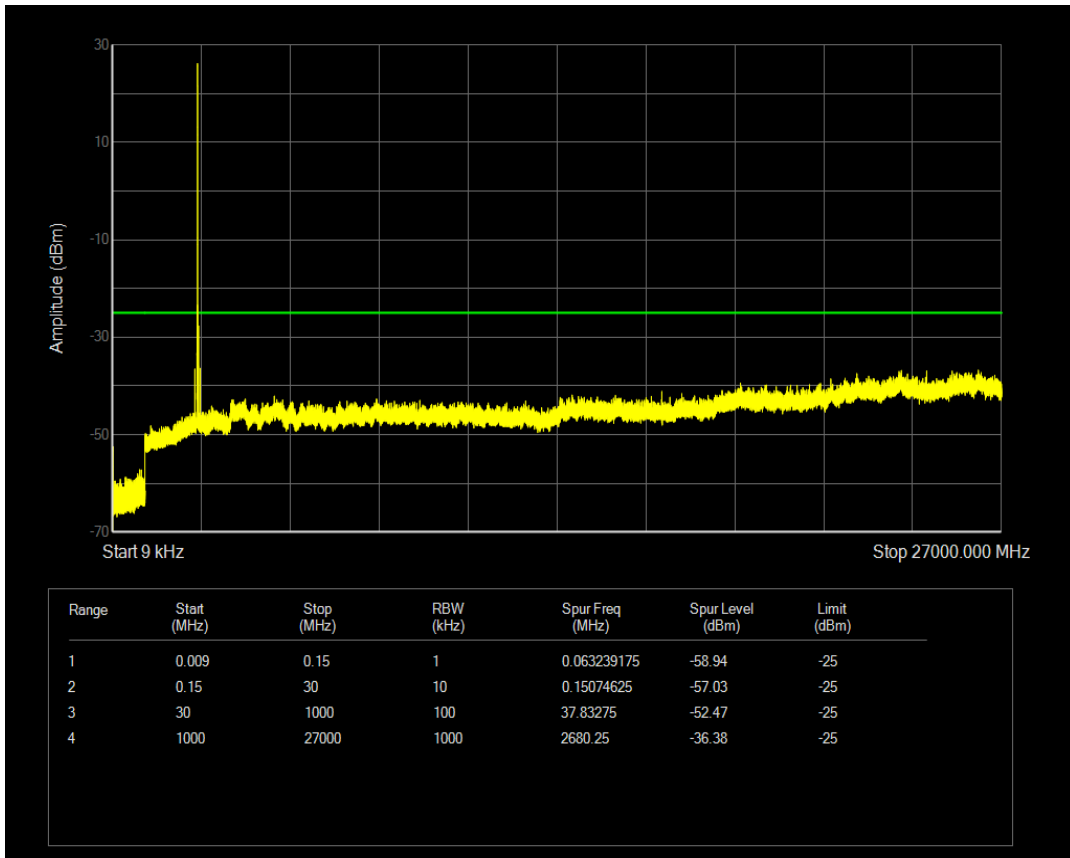
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=519000 RB=24 @0



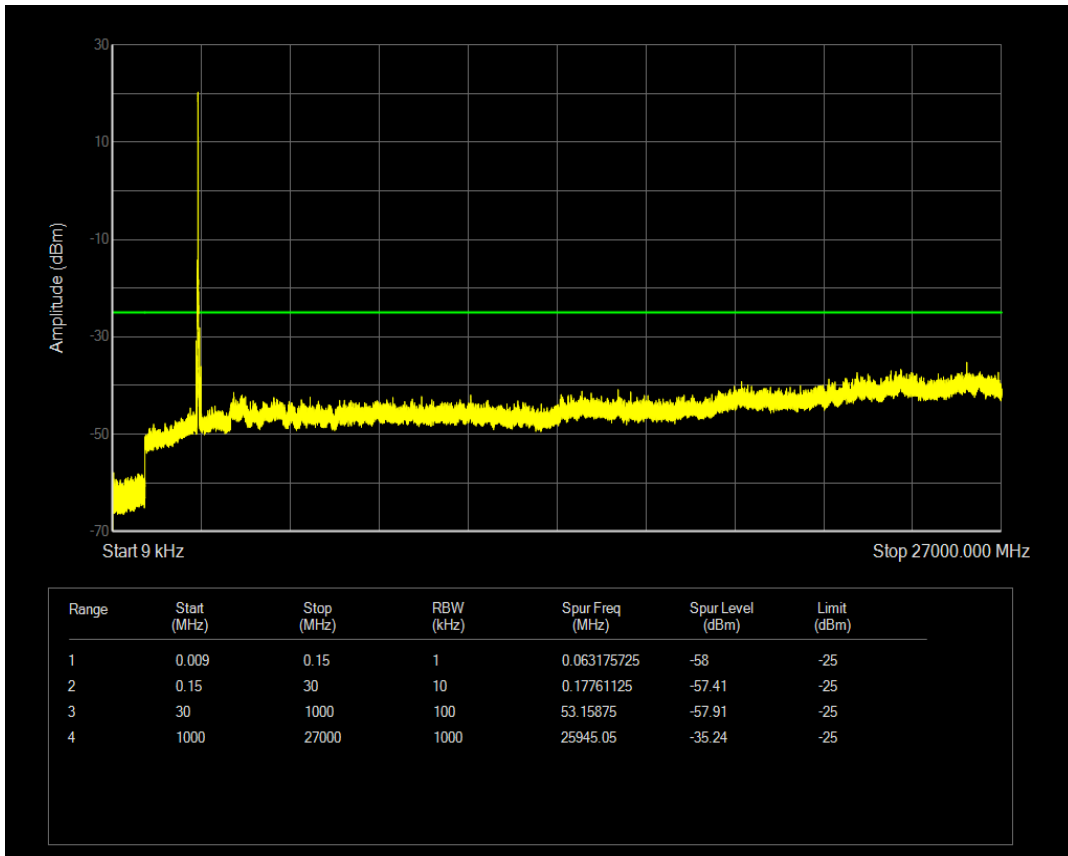
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=519000 RB=1 @0



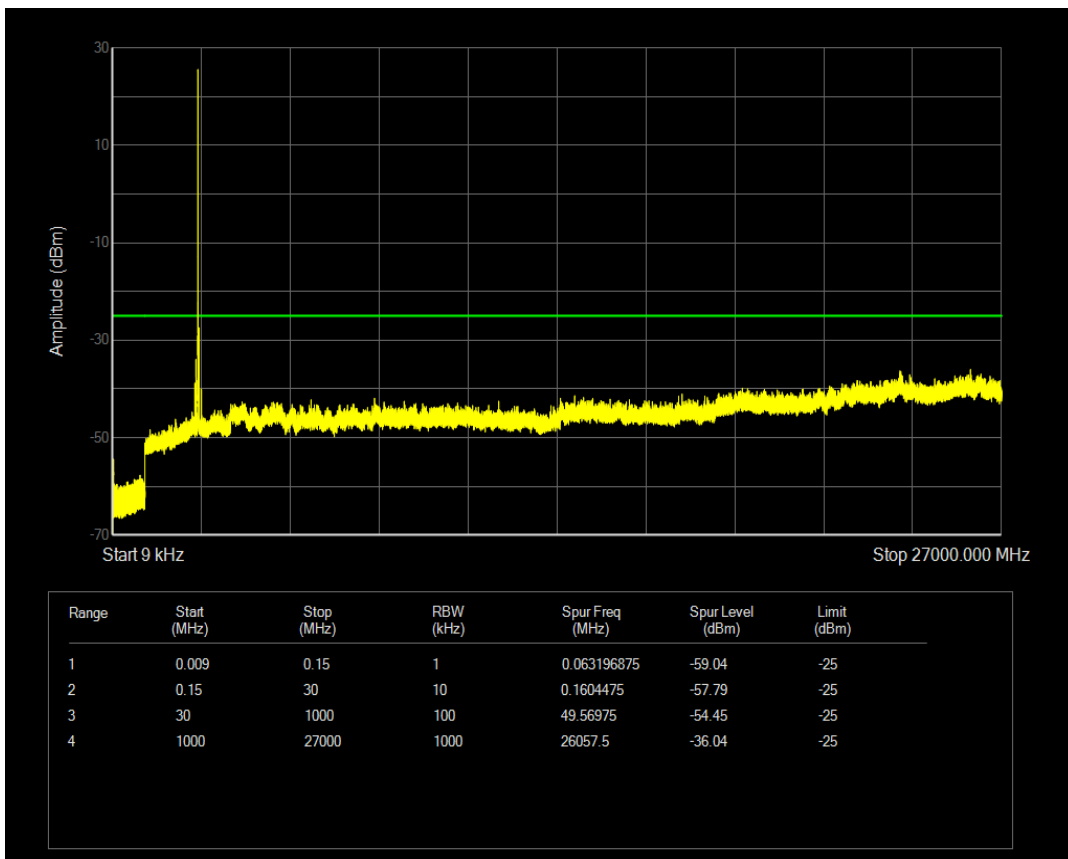
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=519000 RB=1 @23



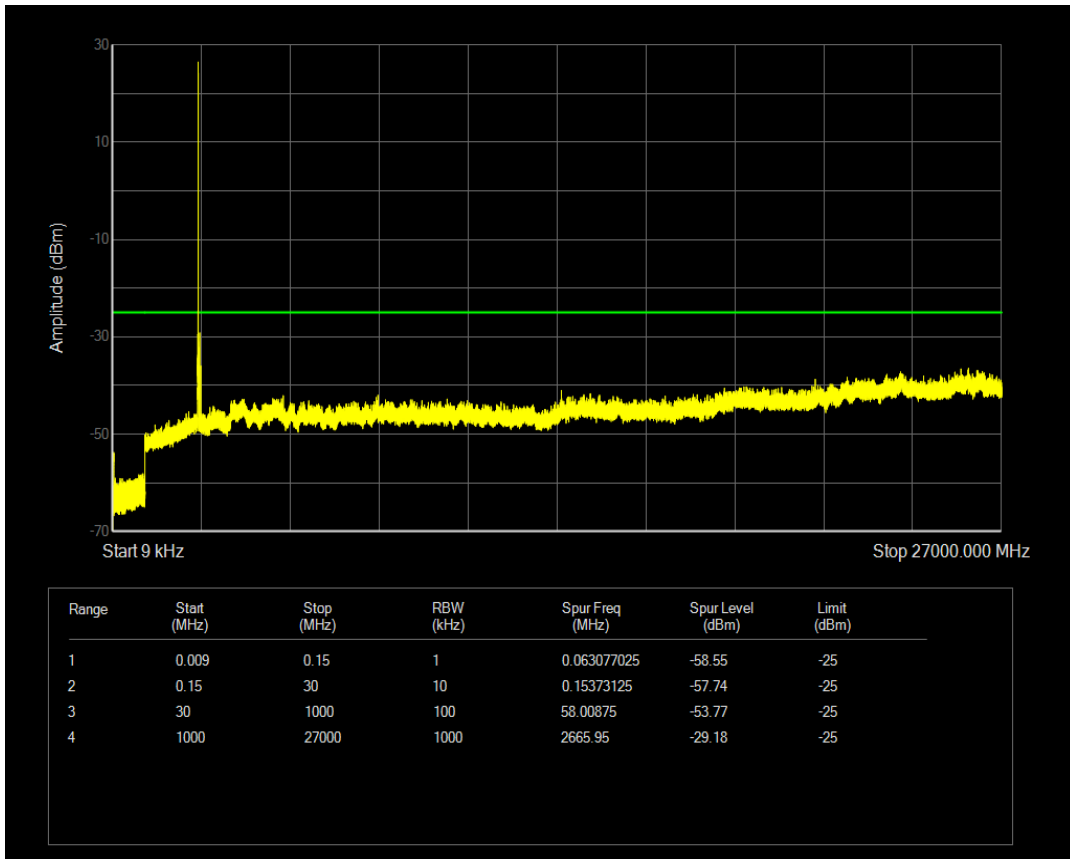
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=523000 RB=24@0



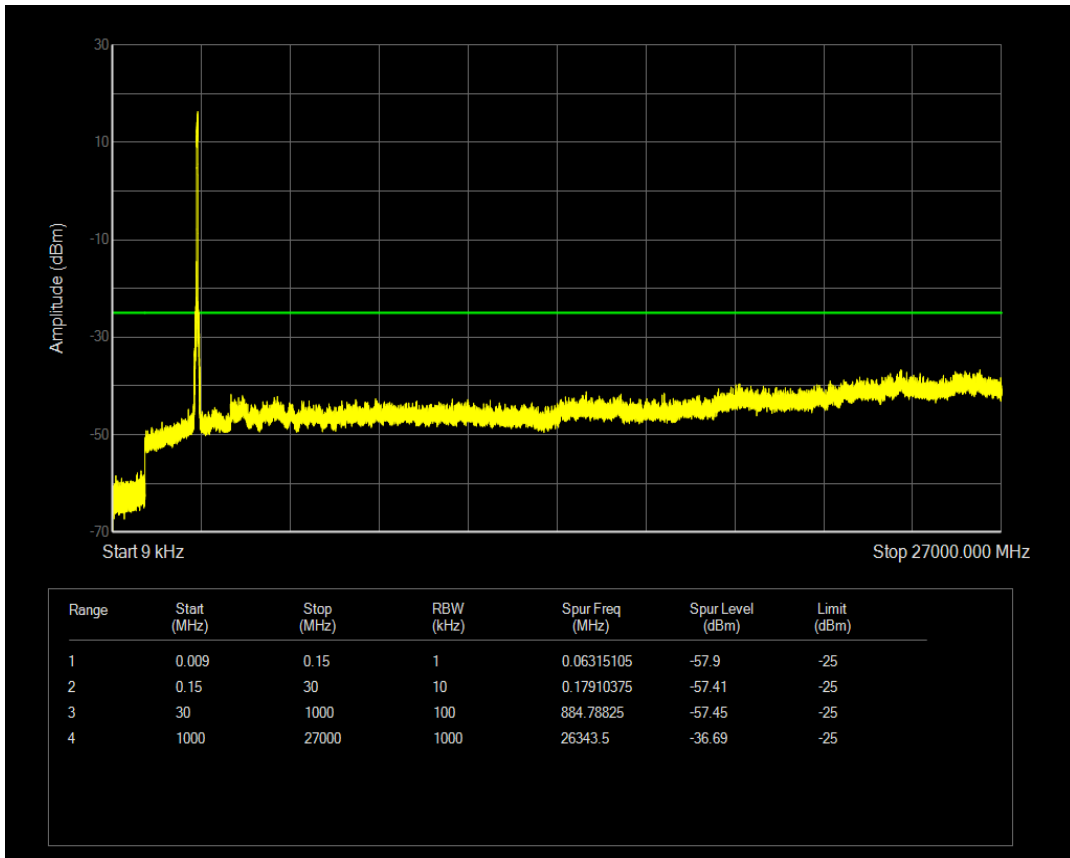
n38 SCS=30kHz DFT\_QPSK BW=10MHz Channel=523000 RB=1@0



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

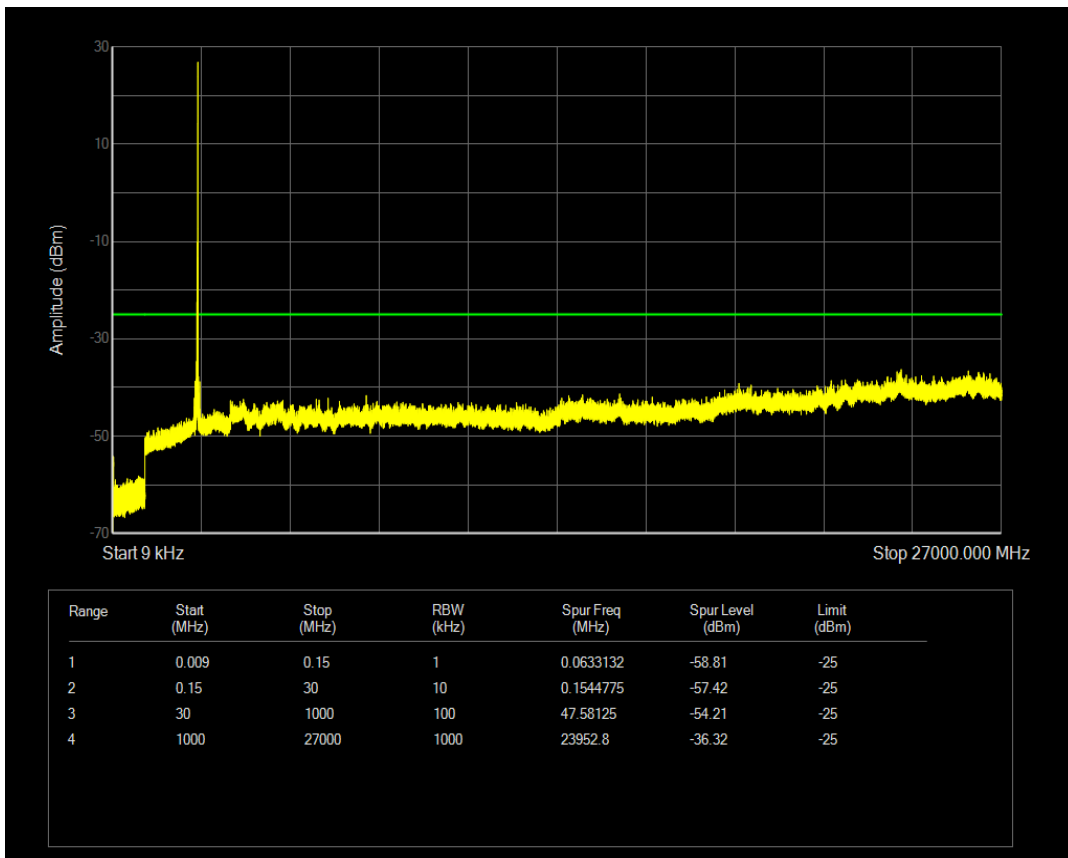


n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=518000 RB=100@0

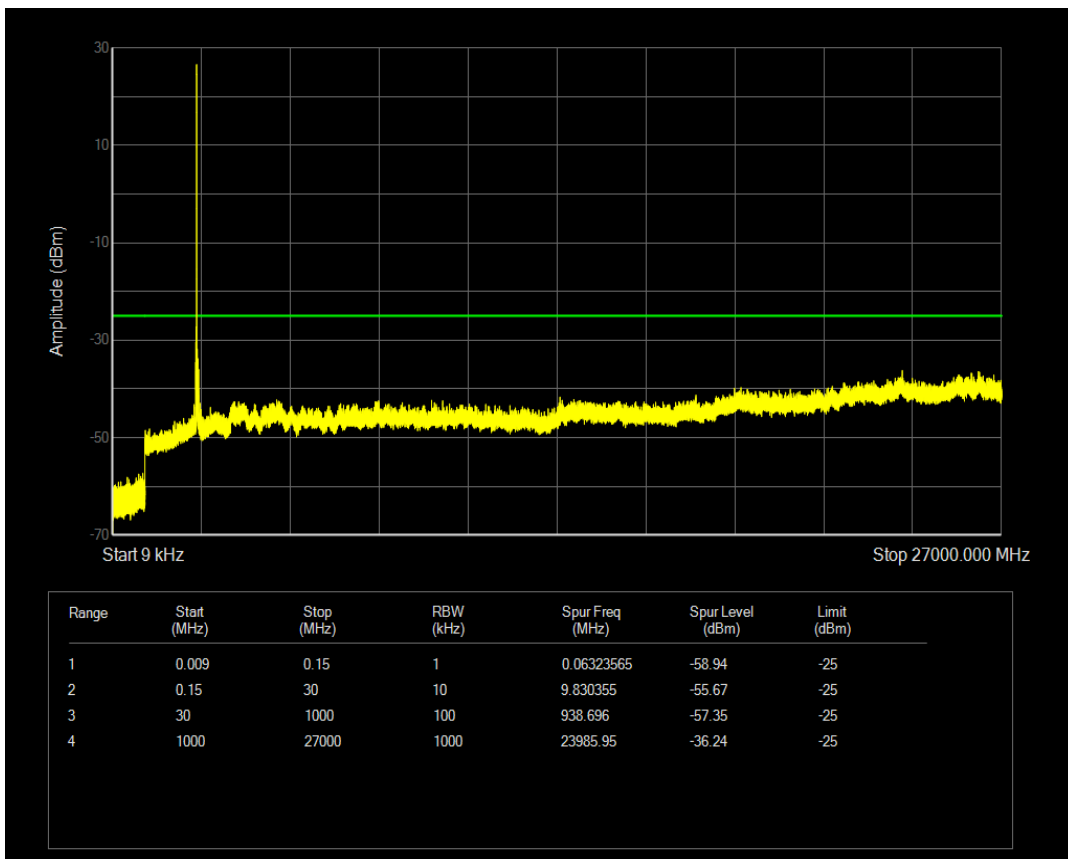




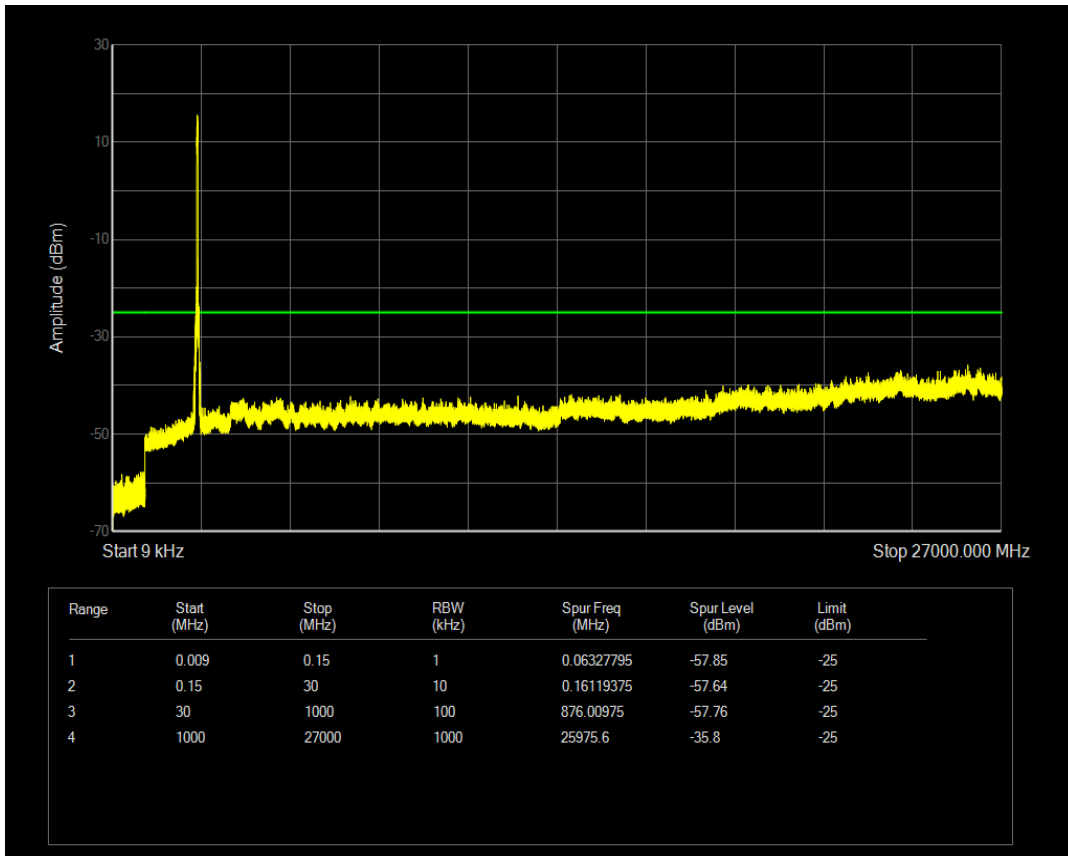
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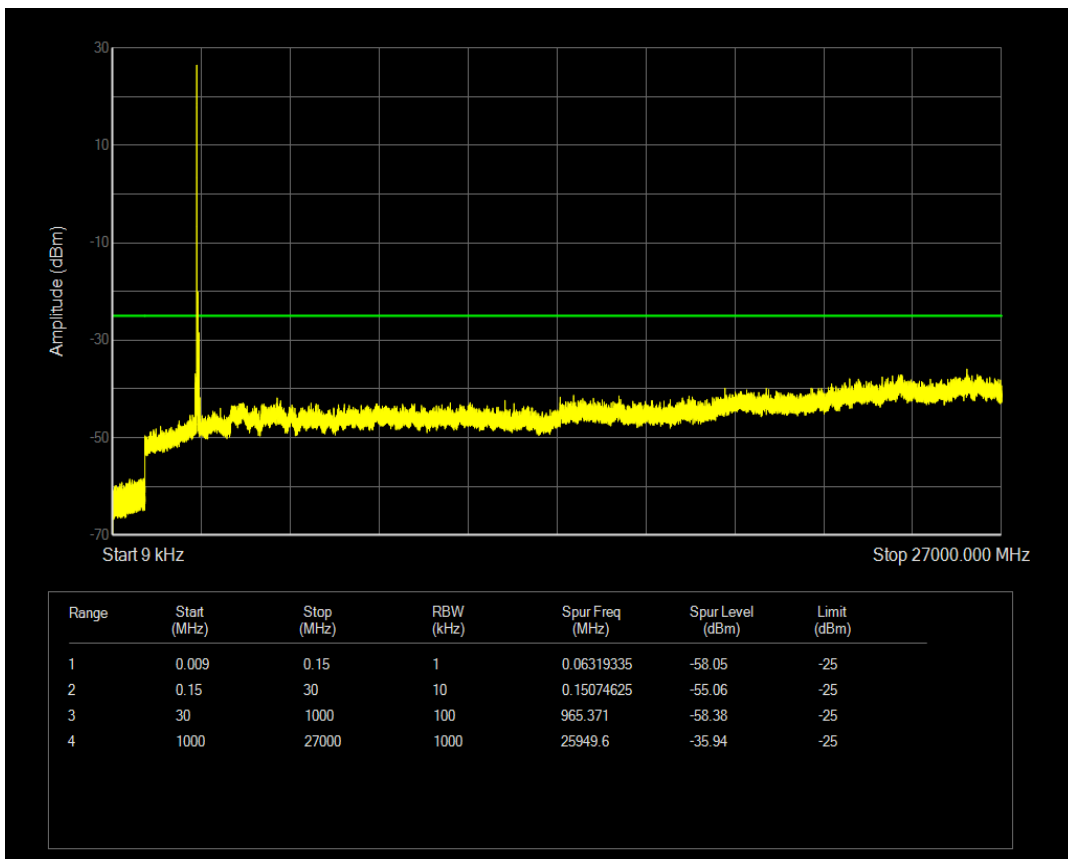
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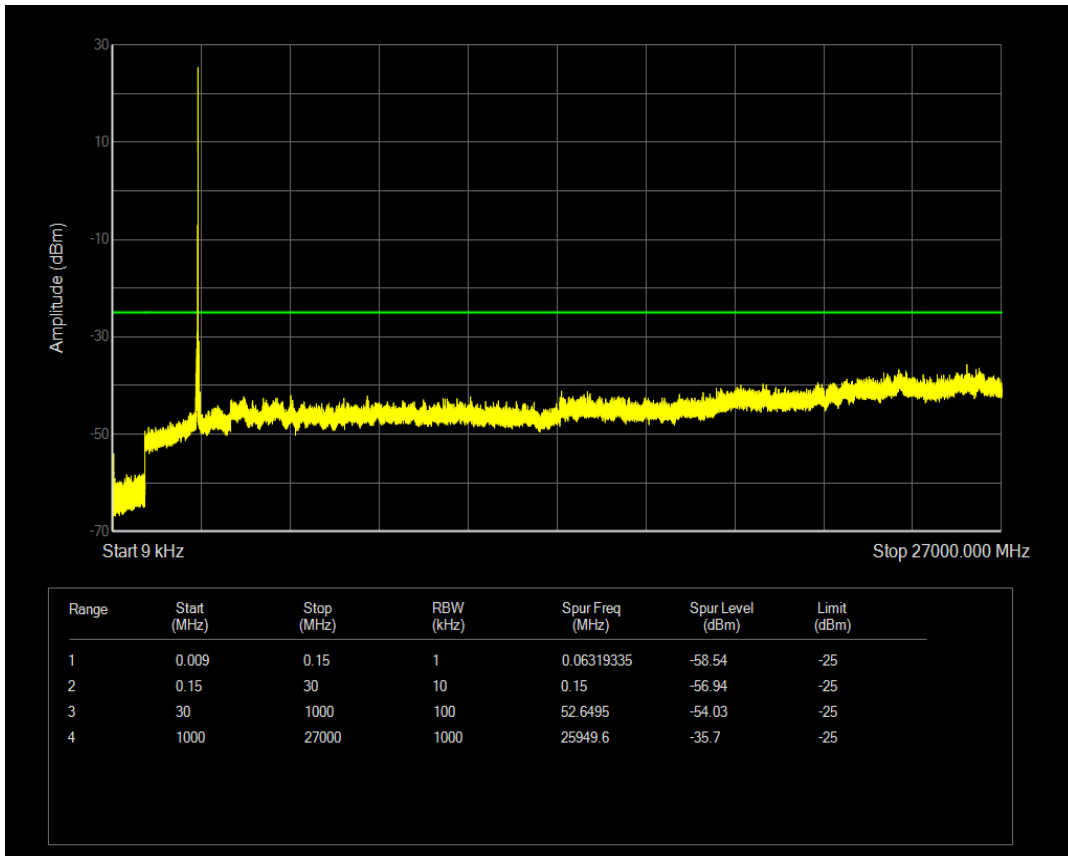
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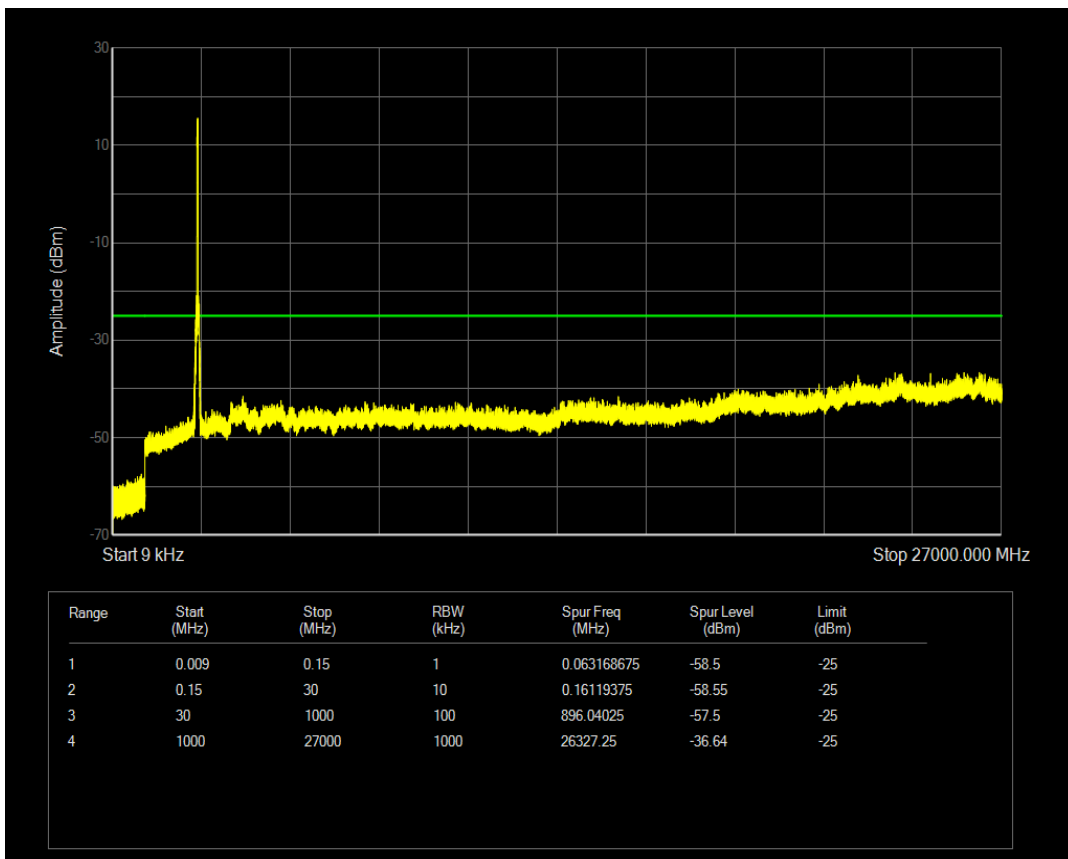
n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=519000 RB=1@0



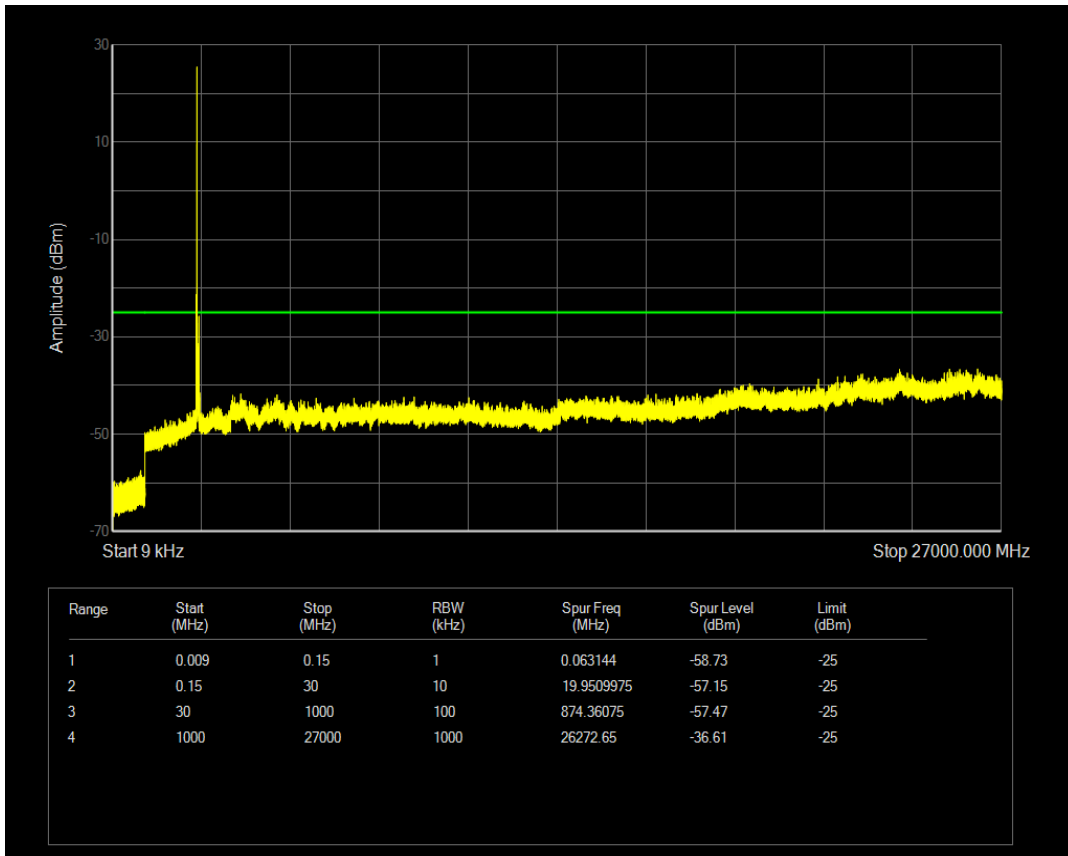
n38 SCS=30kHz DFT\_QPSK BW=40MHz Channel=519000 RB=1@105



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

