

1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
n7	30	10	501000	12@6	DFT_BPSK	23.64	21.93	33	PASS
n7	30	10	501000	1@1	DFT_BPSK	23.16	21.45	33	PASS
n7	30	10	501000	1@22	DFT_BPSK	23.36	21.65	33	PASS
n7	30	10	501000	12@6	DFT_QPSK	23.36	21.65	33	PASS
n7	30	10	501000	1@1	DFT_QPSK	23.06	21.35	33	PASS
n7	30	10	501000	1@22	DFT_QPSK	23.18	21.47	33	PASS
n7	30	10	501000	12@6	DFT_QAM16	22.31	20.6	33	PASS
n7	30	10	501000	1@1	DFT_QAM16	22.36	20.65	33	PASS
n7	30	10	501000	1@22	DFT_QAM16	22.56	20.85	33	PASS
n7	30	10	501000	12@6	DFT_QAM64	20.79	19.08	33	PASS
n7	30	10	501000	1@1	DFT_QAM64	20.83	19.12	33	PASS
n7	30	10	501000	1@22	DFT_QAM64	20.92	19.21	33	PASS
n7	30	10	501000	12@6	DFT_QAM256	18.87	17.16	33	PASS
n7	30	10	501000	1@1	DFT_QAM256	18.82	17.11	33	PASS
n7	30	10	501000	1@22	DFT_QAM256	18.90	17.19	33	PASS
n7	30	10	501000	12@6	CP_QPSK	21.81	20.1	33	PASS
n7	30	10	501000	1@1	CP_QPSK	21.99	20.28	33	PASS
n7	30	10	501000	1@22	CP_QPSK	22.04	20.33	33	PASS
n7	30	10	501000	12@6	CP_QAM16	21.29	19.58	33	PASS
n7	30	10	501000	1@1	CP_QAM16	21.47	19.76	33	PASS
n7	30	10	501000	1@22	CP_QAM16	21.16	19.45	33	PASS
n7	30	10	501000	12@6	CP_QAM64	19.75	18.04	33	PASS
n7	30	10	501000	1@1	CP_QAM64	19.81	18.1	33	PASS
n7	30	10	501000	1@22	CP_QAM64	19.84	18.13	33	PASS
n7	30	10	501000	12@6	CP_QAM256	16.63	14.92	33	PASS
n7	30	10	501000	1@1	CP_QAM256	16.67	14.96	33	PASS
n7	30	10	501000	1@22	CP_QAM256	16.77	15.06	33	PASS
n7	30	10	507000	12@6	DFT_BPSK	23.50	21.79	33	PASS
n7	30	10	507000	1@1	DFT_BPSK	23.39	21.68	33	PASS
n7	30	10	507000	1@22	DFT_BPSK	23.44	21.73	33	PASS
n7	30	10	507000	12@6	DFT_QPSK	23.72	22.01	33	PASS
n7	30	10	507000	1@1	DFT_QPSK	23.24	21.53	33	PASS
n7	30	10	507000	1@22	DFT_QPSK	23.33	21.62	33	PASS
n7	30	10	507000	12@6	DFT_QAM16	22.39	20.68	33	PASS
n7	30	10	507000	1@1	DFT_QAM16	22.50	20.79	33	PASS
n7	30	10	507000	1@22	DFT_QAM16	22.46	20.75	33	PASS
n7	30	10	507000	12@6	DFT_QAM64	21.02	19.31	33	PASS
n7	30	10	507000	1@1	DFT_QAM64	20.69	18.98	33	PASS
n7	30	10	507000	1@22	DFT_QAM64	20.97	19.26	33	PASS

n7	30	10	507000	12@6	DFT_QAM256	18.99	17.28	33	PASS
n7	30	10	507000	1@1	DFT_QAM256	19.36	17.65	33	PASS
n7	30	10	507000	1@22	DFT_QAM256	19.46	17.75	33	PASS
n7	30	10	507000	12@6	CP_QPSK	22.00	20.29	33	PASS
n7	30	10	507000	1@1	CP_QPSK	21.84	20.13	33	PASS
n7	30	10	507000	1@22	CP_QPSK	21.99	20.28	33	PASS
n7	30	10	507000	12@6	CP_QAM16	21.47	19.76	33	PASS
n7	30	10	507000	1@1	CP_QAM16	21.61	19.9	33	PASS
n7	30	10	507000	1@22	CP_QAM16	21.62	19.91	33	PASS
n7	30	10	507000	12@6	CP_QAM64	19.88	18.17	33	PASS
n7	30	10	507000	1@1	CP_QAM64	20.43	18.72	33	PASS
n7	30	10	507000	1@22	CP_QAM64	20.51	18.8	33	PASS
n7	30	10	507000	12@6	CP_QAM256	16.75	15.04	33	PASS
n7	30	10	507000	1@1	CP_QAM256	16.85	15.14	33	PASS
n7	30	10	507000	1@22	CP_QAM256	16.96	15.25	33	PASS
n7	30	10	513000	12@6	DFT_BPSK	23.42	21.71	33	PASS
n7	30	10	513000	1@1	DFT_BPSK	23.34	21.63	33	PASS
n7	30	10	513000	1@22	DFT_BPSK	23.35	21.64	33	PASS
n7	30	10	513000	12@6	DFT_QPSK	23.37	21.66	33	PASS
n7	30	10	513000	1@1	DFT_QPSK	23.21	21.5	33	PASS
n7	30	10	513000	1@22	DFT_QPSK	23.15	21.44	33	PASS
n7	30	10	513000	12@6	DFT_QAM16	22.39	20.68	33	PASS
n7	30	10	513000	1@1	DFT_QAM16	22.50	20.79	33	PASS
n7	30	10	513000	1@22	DFT_QAM16	22.39	20.68	33	PASS
n7	30	10	513000	12@6	DFT_QAM64	20.99	19.28	33	PASS
n7	30	10	513000	1@1	DFT_QAM64	20.64	18.93	33	PASS
n7	30	10	513000	1@22	DFT_QAM64	20.76	19.05	33	PASS
n7	30	10	513000	12@6	DFT_QAM256	18.90	17.19	33	PASS
n7	30	10	513000	1@1	DFT_QAM256	19.31	17.6	33	PASS
n7	30	10	513000	1@22	DFT_QAM256	19.25	17.54	33	PASS
n7	30	10	513000	12@6	CP_QPSK	21.80	20.09	33	PASS
n7	30	10	513000	1@1	CP_QPSK	21.97	20.26	33	PASS
n7	30	10	513000	1@22	CP_QPSK	21.89	20.18	33	PASS
n7	30	10	513000	12@6	CP_QAM16	21.41	19.7	33	PASS
n7	30	10	513000	1@1	CP_QAM16	21.45	19.74	33	PASS
n7	30	10	513000	1@22	CP_QAM16	21.49	19.78	33	PASS
n7	30	10	513000	12@6	CP_QAM64	19.97	18.26	33	PASS
n7	30	10	513000	1@1	CP_QAM64	20.36	18.65	33	PASS
n7	30	10	513000	1@22	CP_QAM64	20.05	18.34	33	PASS
n7	30	10	513000	12@6	CP_QAM256	16.92	15.21	33	PASS
n7	30	10	513000	1@1	CP_QAM256	16.83	15.12	33	PASS
n7	30	10	513000	1@22	CP_QAM256	16.71	15	33	PASS
n7	30	15	501500	18@9	DFT_BPSK	23.34	21.63	33	PASS
n7	30	15	501500	1@1	DFT_BPSK	23.22	21.51	33	PASS

n7	30	15	501500	1@36	DFT_BPSK	23.27	21.56	33	PASS
n7	30	15	501500	18@9	DFT_QPSK	23.30	21.59	33	PASS
n7	30	15	501500	1@1	DFT_QPSK	23.06	21.35	33	PASS
n7	30	15	501500	1@36	DFT_QPSK	23.14	21.43	33	PASS
n7	30	15	501500	18@9	DFT_QAM16	22.34	20.63	33	PASS
n7	30	15	501500	1@1	DFT_QAM16	22.65	20.94	33	PASS
n7	30	15	501500	1@36	DFT_QAM16	22.43	20.72	33	PASS
n7	30	15	501500	18@9	DFT_QAM64	20.85	19.14	33	PASS
n7	30	15	501500	1@1	DFT_QAM64	20.47	18.76	33	PASS
n7	30	15	501500	1@36	DFT_QAM64	20.54	18.83	33	PASS
n7	30	15	501500	18@9	DFT_QAM256	18.79	17.08	33	PASS
n7	30	15	501500	1@1	DFT_QAM256	19.14	17.43	33	PASS
n7	30	15	501500	1@36	DFT_QAM256	18.85	17.14	33	PASS
n7	30	15	501500	19@9	CP_QPSK	21.79	20.08	33	PASS
n7	30	15	501500	1@1	CP_QPSK	21.62	19.91	33	PASS
n7	30	15	501500	1@36	CP_QPSK	21.76	20.05	33	PASS
n7	30	15	501500	19@9	CP_QAM16	21.41	19.7	33	PASS
n7	30	15	501500	1@1	CP_QAM16	21.33	19.62	33	PASS
n7	30	15	501500	1@36	CP_QAM16	21.22	19.51	33	PASS
n7	30	15	501500	19@9	CP_QAM64	19.90	18.19	33	PASS
n7	30	15	501500	1@1	CP_QAM64	19.83	18.12	33	PASS
n7	30	15	501500	1@36	CP_QAM64	20.36	18.65	33	PASS
n7	30	15	501500	19@9	CP_QAM256	16.69	14.98	33	PASS
n7	30	15	501500	1@1	CP_QAM256	16.58	14.87	33	PASS
n7	30	15	501500	1@36	CP_QAM256	16.71	15	33	PASS
n7	30	15	507000	18@9	DFT_BPSK	23.45	21.74	33	PASS
n7	30	15	507000	1@1	DFT_BPSK	23.28	21.57	33	PASS
n7	30	15	507000	1@36	DFT_BPSK	23.37	21.66	33	PASS
n7	30	15	507000	18@9	DFT_QPSK	23.43	21.72	33	PASS
n7	30	15	507000	1@1	DFT_QPSK	23.13	21.42	33	PASS
n7	30	15	507000	1@36	DFT_QPSK	23.23	21.52	33	PASS
n7	30	15	507000	18@9	DFT_QAM16	22.36	20.65	33	PASS
n7	30	15	507000	1@1	DFT_QAM16	22.51	20.8	33	PASS
n7	30	15	507000	1@36	DFT_QAM16	22.59	20.88	33	PASS
n7	30	15	507000	18@9	DFT_QAM64	20.96	19.25	33	PASS
n7	30	15	507000	1@1	DFT_QAM64	20.98	19.27	33	PASS
n7	30	15	507000	1@36	DFT_QAM64	21.00	19.29	33	PASS
n7	30	15	507000	18@9	DFT_QAM256	18.91	17.2	33	PASS
n7	30	15	507000	1@1	DFT_QAM256	19.05	17.34	33	PASS
n7	30	15	507000	1@36	DFT_QAM256	19.16	17.45	33	PASS
n7	30	15	507000	19@9	CP_QPSK	21.96	20.25	33	PASS
n7	30	15	507000	1@1	CP_QPSK	21.74	20.03	33	PASS
n7	30	15	507000	1@36	CP_QPSK	21.88	20.17	33	PASS
n7	30	15	507000	19@9	CP_QAM16	21.53	19.82	33	PASS

n7	30	15	507000	1@1	CP_QAM16	21.19	19.48	33	PASS
n7	30	15	507000	1@36	CP_QAM16	21.32	19.61	33	PASS
n7	30	15	507000	19@9	CP_QAM64	20.09	18.38	33	PASS
n7	30	15	507000	1@1	CP_QAM64	19.78	18.07	33	PASS
n7	30	15	507000	1@36	CP_QAM64	19.75	18.04	33	PASS
n7	30	15	507000	19@9	CP_QAM256	16.79	15.08	33	PASS
n7	30	15	507000	1@1	CP_QAM256	16.63	14.92	33	PASS
n7	30	15	507000	1@36	CP_QAM256	16.67	14.96	33	PASS
n7	30	15	512500	18@9	DFT_BPSK	23.34	21.63	33	PASS
n7	30	15	512500	1@1	DFT_BPSK	23.38	21.67	33	PASS
n7	30	15	512500	1@36	DFT_BPSK	23.19	21.48	33	PASS
n7	30	15	512500	18@9	DFT_QPSK	23.38	21.67	33	PASS
n7	30	15	512500	1@1	DFT_QPSK	23.16	21.45	33	PASS
n7	30	15	512500	1@36	DFT_QPSK	23.16	21.45	33	PASS
n7	30	15	512500	18@9	DFT_QAM16	22.36	20.65	33	PASS
n7	30	15	512500	1@1	DFT_QAM16	22.81	21.1	33	PASS
n7	30	15	512500	1@36	DFT_QAM16	22.72	21.01	33	PASS
n7	30	15	512500	18@9	DFT_QAM64	20.86	19.15	33	PASS
n7	30	15	512500	1@1	DFT_QAM64	20.96	19.25	33	PASS
n7	30	15	512500	1@36	DFT_QAM64	20.84	19.13	33	PASS
n7	30	15	512500	18@9	DFT_QAM256	18.82	17.11	33	PASS
n7	30	15	512500	1@1	DFT_QAM256	18.92	17.21	33	PASS
n7	30	15	512500	1@36	DFT_QAM256	18.88	17.17	33	PASS
n7	30	15	512500	19@9	CP_QPSK	21.91	20.2	33	PASS
n7	30	15	512500	1@1	CP_QPSK	22.13	20.42	33	PASS
n7	30	15	512500	1@36	CP_QPSK	21.87	20.16	33	PASS
n7	30	15	512500	19@9	CP_QAM16	21.36	19.65	33	PASS
n7	30	15	512500	1@1	CP_QAM16	21.50	19.79	33	PASS
n7	30	15	512500	1@36	CP_QAM16	21.22	19.51	33	PASS
n7	30	15	512500	19@9	CP_QAM64	19.97	18.26	33	PASS
n7	30	15	512500	1@1	CP_QAM64	19.99	18.28	33	PASS
n7	30	15	512500	1@36	CP_QAM64	19.92	18.21	33	PASS
n7	30	15	512500	19@9	CP_QAM256	16.74	15.03	33	PASS
n7	30	15	512500	1@1	CP_QAM256	16.82	15.11	33	PASS
n7	30	15	512500	1@36	CP_QAM256	16.70	14.99	33	PASS
n7	30	20	502000	25@12	DFT_BPSK	23.38	21.67	33	PASS
n7	30	20	502000	1@1	DFT_BPSK	23.52	21.81	33	PASS
n7	30	20	502000	1@49	DFT_BPSK	23.35	21.64	33	PASS
n7	30	20	502000	25@12	DFT_QPSK	23.41	21.7	33	PASS
n7	30	20	502000	1@1	DFT_QPSK	22.96	21.25	33	PASS
n7	30	20	502000	1@49	DFT_QPSK	23.20	21.49	33	PASS
n7	30	20	502000	25@12	DFT_QAM16	22.41	20.7	33	PASS
n7	30	20	502000	1@1	DFT_QAM16	22.36	20.65	33	PASS
n7	30	20	502000	1@49	DFT_QAM16	22.55	20.84	33	PASS

n7	30	20	502000	25@12	DFT_QAM64	21.01	19.3	33	PASS
n7	30	20	502000	1@1	DFT_QAM64	20.72	19.01	33	PASS
n7	30	20	502000	1@49	DFT_QAM64	20.98	19.27	33	PASS
n7	30	20	502000	25@12	DFT_QAM256	18.81	17.1	33	PASS
n7	30	20	502000	1@1	DFT_QAM256	18.75	17.04	33	PASS
n7	30	20	502000	1@49	DFT_QAM256	19.00	17.29	33	PASS
n7	30	20	502000	25@12	CP_QPSK	21.77	20.06	33	PASS
n7	30	20	502000	1@1	CP_QPSK	21.85	20.14	33	PASS
n7	30	20	502000	1@49	CP_QPSK	21.86	20.15	33	PASS
n7	30	20	502000	25@12	CP_QAM16	21.33	19.62	33	PASS
n7	30	20	502000	1@1	CP_QAM16	21.08	19.37	33	PASS
n7	30	20	502000	1@49	CP_QAM16	21.09	19.38	33	PASS
n7	30	20	502000	25@12	CP_QAM64	19.80	18.09	33	PASS
n7	30	20	502000	1@1	CP_QAM64	19.62	17.91	33	PASS
n7	30	20	502000	1@49	CP_QAM64	19.58	17.87	33	PASS
n7	30	20	502000	25@12	CP_QAM256	16.82	15.11	33	PASS
n7	30	20	502000	1@1	CP_QAM256	16.41	14.7	33	PASS
n7	30	20	502000	1@49	CP_QAM256	16.83	15.12	33	PASS
n7	30	20	507000	25@12	DFT_BPSK	23.51	21.8	33	PASS
n7	30	20	507000	1@1	DFT_BPSK	23.15	21.44	33	PASS
n7	30	20	507000	1@49	DFT_BPSK	23.43	21.72	33	PASS
n7	30	20	507000	25@12	DFT_QPSK	23.46	21.75	33	PASS
n7	30	20	507000	1@1	DFT_QPSK	23.02	21.31	33	PASS
n7	30	20	507000	1@49	DFT_QPSK	23.20	21.49	33	PASS
n7	30	20	507000	25@12	DFT_QAM16	22.41	20.7	33	PASS
n7	30	20	507000	1@1	DFT_QAM16	22.78	21.07	33	PASS
n7	30	20	507000	1@49	DFT_QAM16	22.92	21.21	33	PASS
n7	30	20	507000	25@12	DFT_QAM64	21.09	19.38	33	PASS
n7	30	20	507000	1@1	DFT_QAM64	20.19	18.48	33	PASS
n7	30	20	507000	1@49	DFT_QAM64	20.35	18.64	33	PASS
n7	30	20	507000	25@12	DFT_QAM256	19.01	17.3	33	PASS
n7	30	20	507000	1@1	DFT_QAM256	18.85	17.14	33	PASS
n7	30	20	507000	1@49	DFT_QAM256	19.15	17.44	33	PASS
n7	30	20	507000	25@12	CP_QPSK	21.93	20.22	33	PASS
n7	30	20	507000	1@1	CP_QPSK	21.74	20.03	33	PASS
n7	30	20	507000	1@49	CP_QPSK	21.90	20.19	33	PASS
n7	30	20	507000	25@12	CP_QAM16	21.38	19.67	33	PASS
n7	30	20	507000	1@1	CP_QAM16	21.34	19.63	33	PASS
n7	30	20	507000	1@49	CP_QAM16	21.56	19.85	33	PASS
n7	30	20	507000	25@12	CP_QAM64	19.84	18.13	33	PASS
n7	30	20	507000	1@1	CP_QAM64	19.73	18.02	33	PASS
n7	30	20	507000	1@49	CP_QAM64	19.88	18.17	33	PASS
n7	30	20	507000	25@12	CP_QAM256	16.94	15.23	33	PASS
n7	30	20	507000	1@1	CP_QAM256	16.68	14.97	33	PASS

n7	30	20	507000	1@49	CP_QAM256	16.85	15.14	33	PASS
n7	30	20	512000	25@12	DFT_BPSK	23.45	21.74	33	PASS
n7	30	20	512000	1@1	DFT_BPSK	23.36	21.65	33	PASS
n7	30	20	512000	1@49	DFT_BPSK	23.14	21.43	33	PASS
n7	30	20	512000	25@12	DFT_QPSK	23.40	21.69	33	PASS
n7	30	20	512000	1@1	DFT_QPSK	23.14	21.43	33	PASS
n7	30	20	512000	1@49	DFT_QPSK	23.05	21.34	33	PASS
n7	30	20	512000	25@12	DFT_QAM16	22.42	20.71	33	PASS
n7	30	20	512000	1@1	DFT_QAM16	22.51	20.8	33	PASS
n7	30	20	512000	1@49	DFT_QAM16	22.44	20.73	33	PASS
n7	30	20	512000	25@12	DFT_QAM64	20.98	19.27	33	PASS
n7	30	20	512000	1@1	DFT_QAM64	21.02	19.31	33	PASS
n7	30	20	512000	1@49	DFT_QAM64	20.79	19.08	33	PASS
n7	30	20	512000	25@12	DFT_QAM256	18.91	17.2	33	PASS
n7	30	20	512000	1@1	DFT_QAM256	19.09	17.38	33	PASS
n7	30	20	512000	1@49	DFT_QAM256	18.91	17.2	33	PASS
n7	30	20	512000	25@12	CP_QPSK	21.89	20.18	33	PASS
n7	30	20	512000	1@1	CP_QPSK	21.84	20.13	33	PASS
n7	30	20	512000	1@49	CP_QPSK	21.90	20.19	33	PASS
n7	30	20	512000	25@12	CP_QAM16	21.41	19.7	33	PASS
n7	30	20	512000	1@1	CP_QAM16	21.58	19.87	33	PASS
n7	30	20	512000	1@49	CP_QAM16	21.09	19.38	33	PASS
n7	30	20	512000	25@12	CP_QAM64	19.88	18.17	33	PASS
n7	30	20	512000	1@1	CP_QAM64	19.86	18.15	33	PASS
n7	30	20	512000	1@49	CP_QAM64	19.81	18.1	33	PASS
n7	30	20	512000	25@12	CP_QAM256	16.93	15.22	33	PASS
n7	30	20	512000	1@1	CP_QAM256	16.81	15.1	33	PASS
n7	30	20	512000	1@49	CP_QAM256	16.51	14.8	33	PASS

2 Frequency stability for NR FR1

NT:

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Voltage (Vdc)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n7	30	20	507000	25@12	DFT_BPSK	3.85	-3.89	0.00	Within authorized band for 5G NR n7	PASS
n7	30	20	507000	1@1	DFT_BPSK	3.50	-0.88	0.00		PASS
n7	30	20	507000	1@49	DFT_BPSK	4.40	-4.92	0.00		PASS
n7	30	20	507000	25@12	DFT_QPSK	3.85	-7.65	0.00		PASS
n7	30	20	507000	1@1	DFT_QPSK	3.50	-13.91	-0.01		PASS
n7	30	20	507000	1@49	DFT_QPSK	4.40	-12.82	-0.01		PASS

Note: Only the worst case shown in the report.

NV:

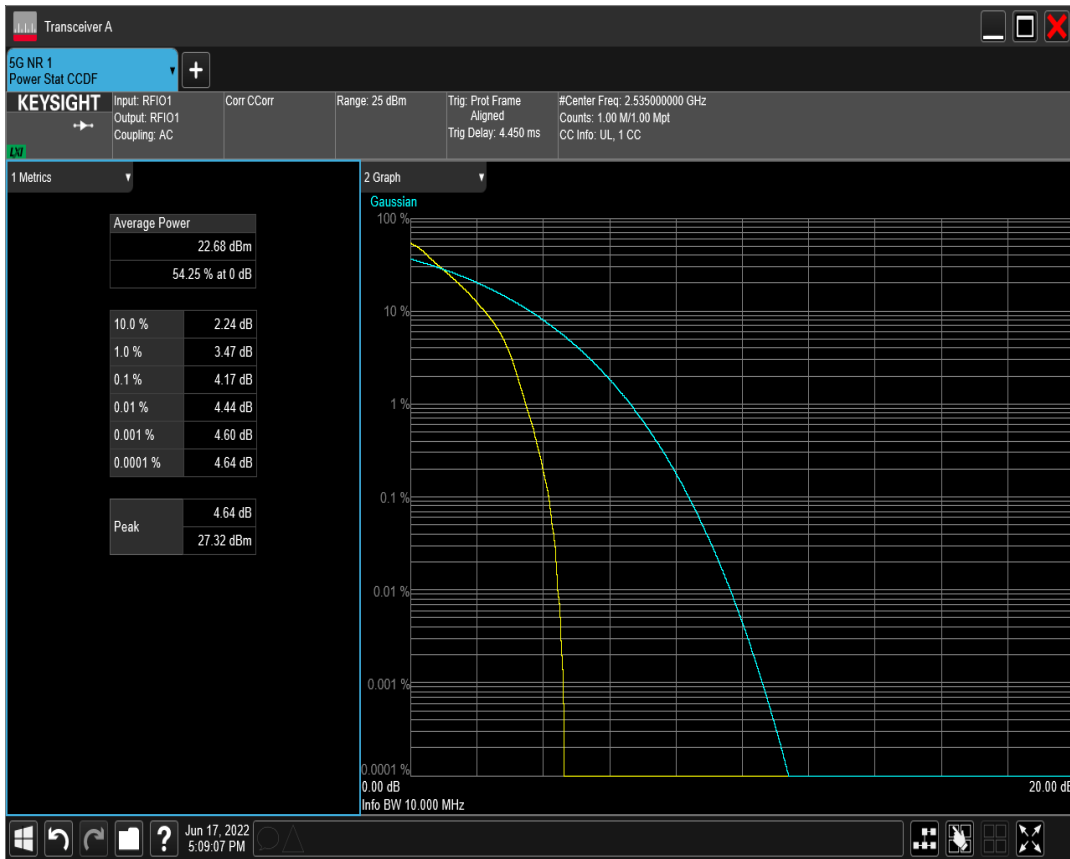
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Temperature(°C)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n7	30	20	507000	25@12	DFT_BPSK	-30	-2.39	0.00	Within authorized band for 5G NR n7	PASS
n7	30	20	507000	25@12	DFT_BPSK	-20	-1.67	0.00		PASS
n7	30	20	507000	25@12	DFT_BPSK	-10	-5.12	0.00		PASS
n7	30	20	507000	25@12	DFT_BPSK	0	-3.69	0.00		PASS
n7	30	20	507000	25@12	DFT_BPSK	10	-4.57	0.00		PASS
n7	30	20	507000	25@12	DFT_BPSK	20	-3.55	0.00		PASS
n7	30	20	507000	25@12	DFT_BPSK	30	-6.12	0.00		PASS
n7	30	20	507000	25@12	DFT_BPSK	40	-4.15	0.00		PASS
n7	30	20	507000	25@12	DFT_BPSK	50	-4.76	0.00		PASS
n7	30	20	507000	25@12	DFT_QPSK	-30	-3.85	0.00		PASS
n7	30	20	507000	25@12	DFT_QPSK	-20	-2.86	0.00		PASS
n7	30	20	507000	25@12	DFT_QPSK	-10	-3.79	0.00		PASS
n7	30	20	507000	25@12	DFT_QPSK	0	-3.16	0.00		PASS
n7	30	20	507000	25@12	DFT_QPSK	10	-2.42	0.00		PASS
n7	30	20	507000	25@12	DFT_QPSK	20	-2.37	0.00		PASS
n7	30	20	507000	25@12	DFT_QPSK	30	-1.78	0.00		PASS
n7	30	20	507000	25@12	DFT_QPSK	40	-5.20	0.00	PASS	
n7	30	20	507000	25@12	DFT_QPSK	50	-3.10	0.00	PASS	

Note: Only the worst case shown in the report.

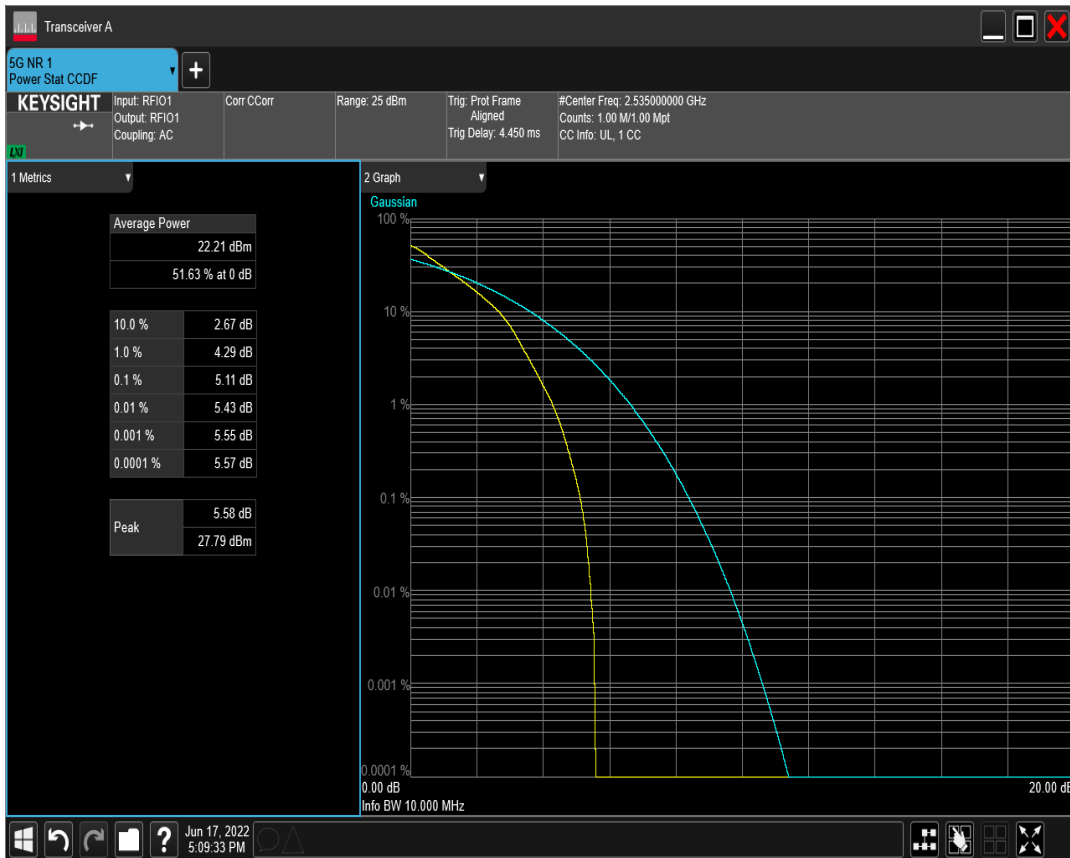
3 Peak-to-Average Ratio for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n7	30	10	507000	24@0	DFT_BPSK	4.17	13	PASS
n7	30	10	507000	24@0	DFT_QPSK	5.11	13	PASS
n7	30	10	507000	24@0	DFT_QAM16	5.95	13	PASS
n7	30	10	507000	24@0	DFT_QAM64	6.22	13	PASS
n7	30	10	507000	24@0	DFT_QAM256	7.02	13	PASS
n7	30	15	507000	36@0	DFT_BPSK	4.34	13	PASS
n7	30	15	507000	36@0	DFT_QPSK	5.28	13	PASS
n7	30	15	507000	36@0	DFT_QAM16	6.09	13	PASS
n7	30	15	507000	36@0	DFT_QAM64	6.33	13	PASS
n7	30	15	507000	36@0	DFT_QAM256	7.06	13	PASS
n7	30	20	507000	50@0	DFT_BPSK	4.35	13	PASS
n7	30	20	507000	50@0	DFT_QPSK	5.48	13	PASS
n7	30	20	507000	50@0	DFT_QAM16	6.27	13	PASS
n7	30	20	507000	50@0	DFT_QAM64	6.53	13	PASS
n7	30	20	507000	50@0	DFT_QAM256	6.86	13	PASS

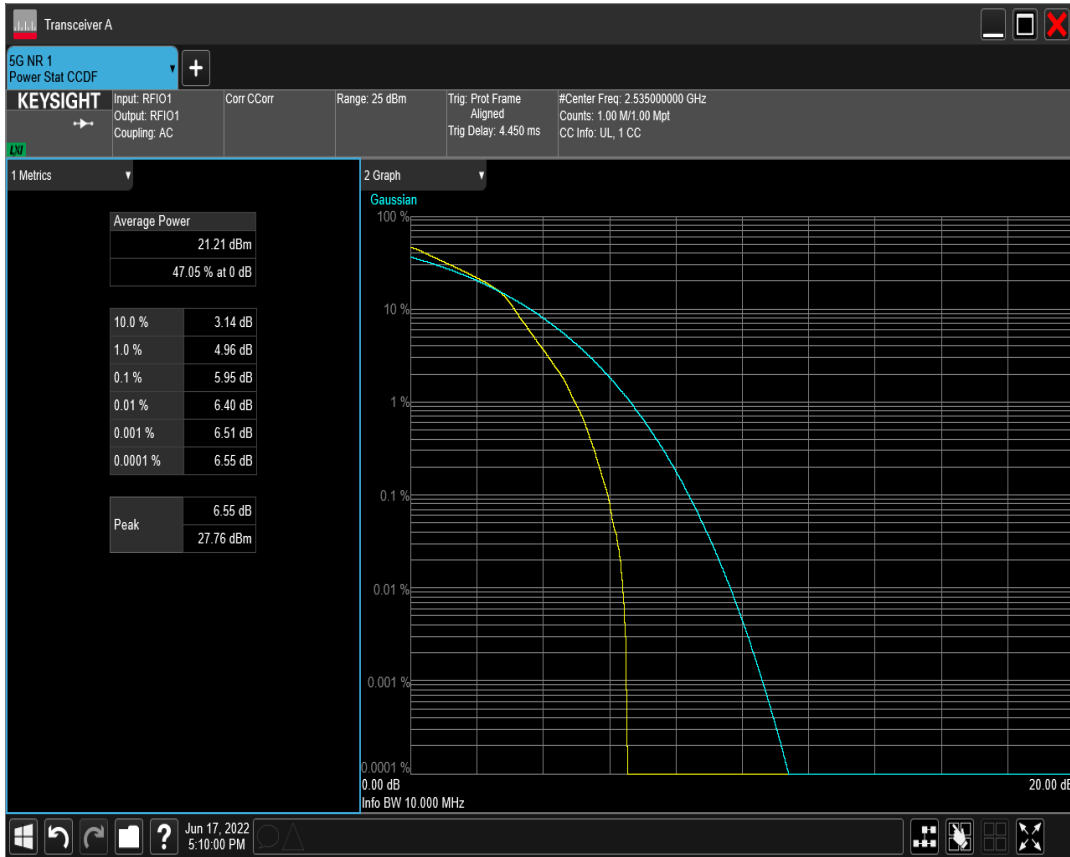
n7 SCS=30kHz DFT_BPSK BW=10MHz Channel=507000 RB=24@0



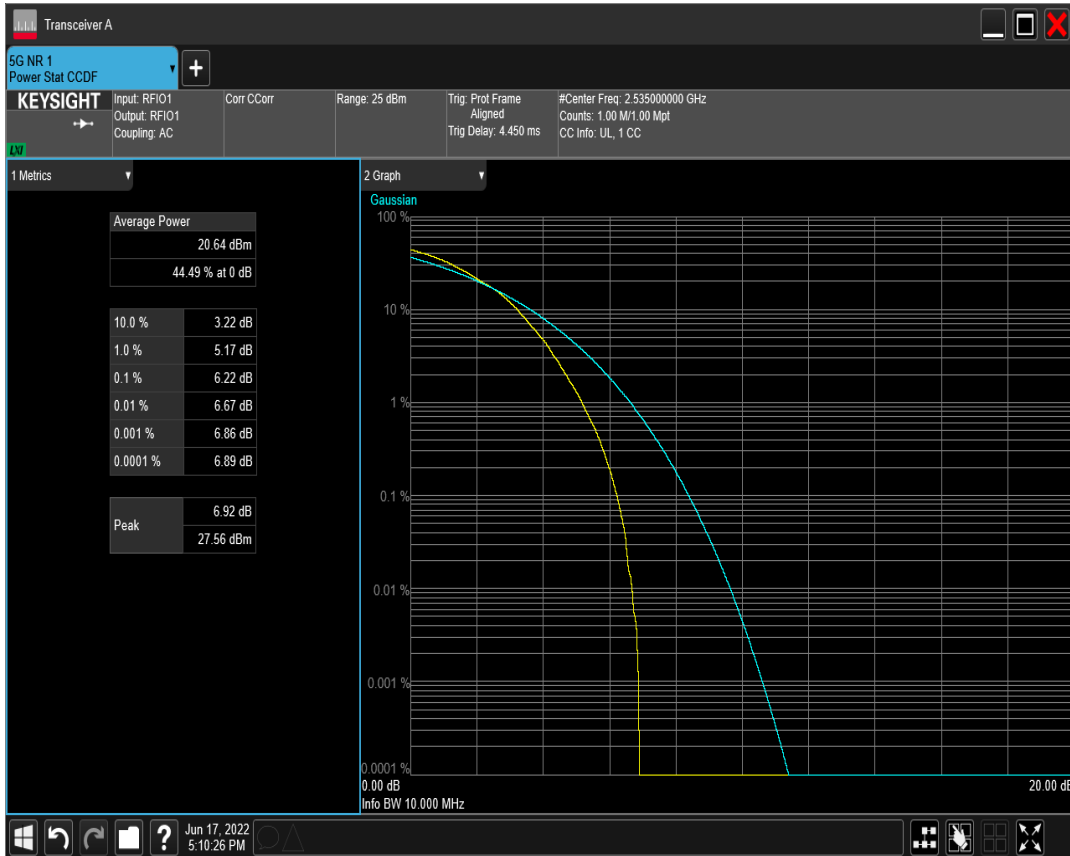
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=507000 RB=24@0



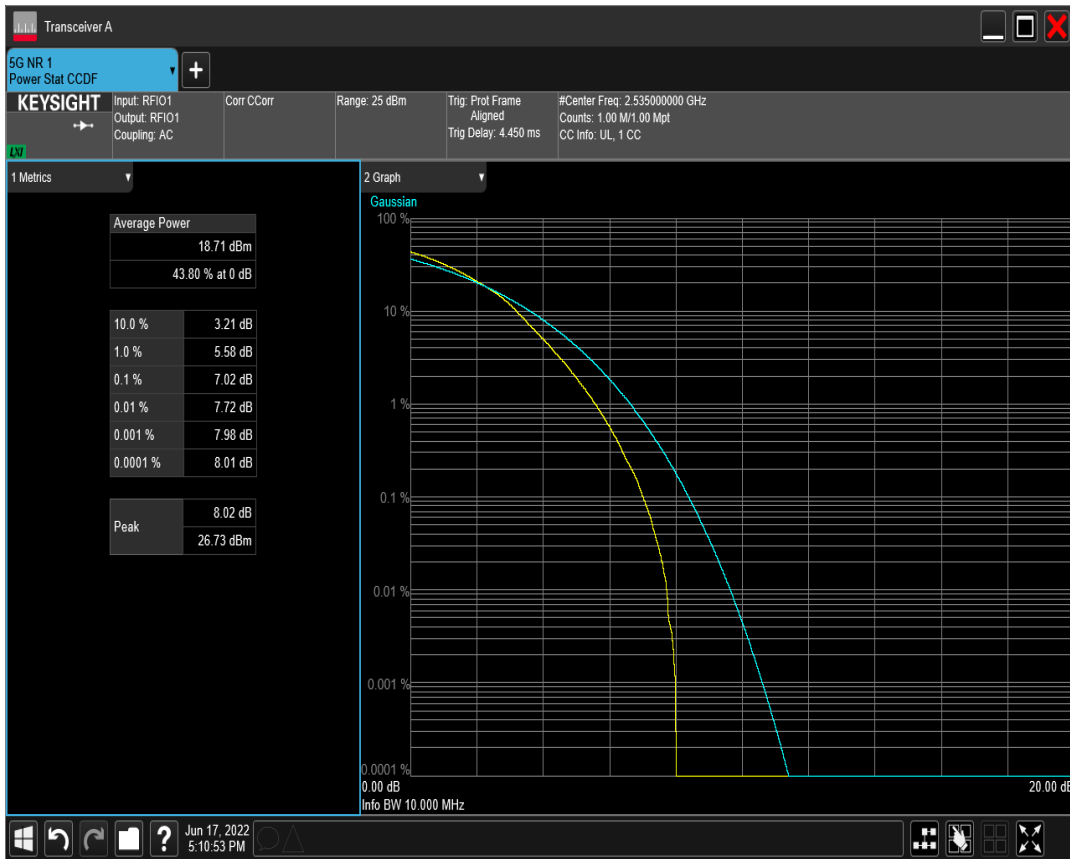
n7 SCS=30kHz DFT_QAM16 BW=10MHz Channel=507000 RB=24@0



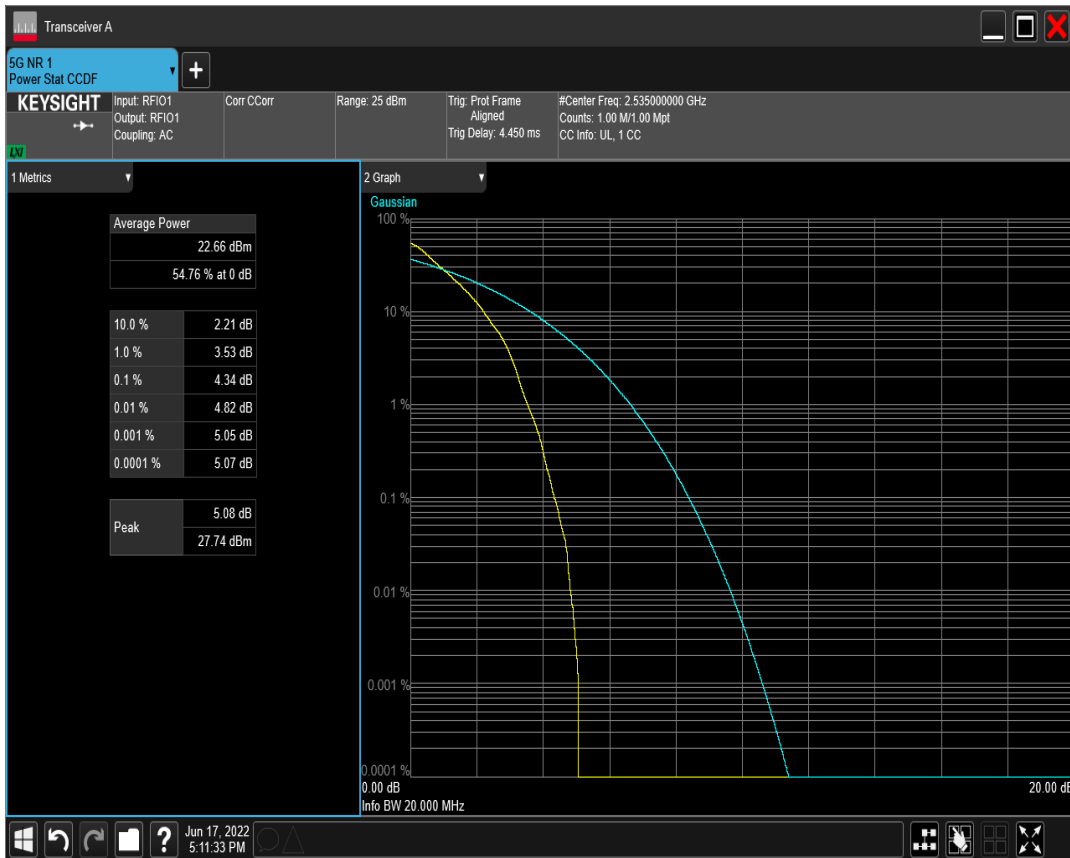
n7 SCS=30kHz DFT_QAM64 BW=10MHz Channel=507000 RB=24@0



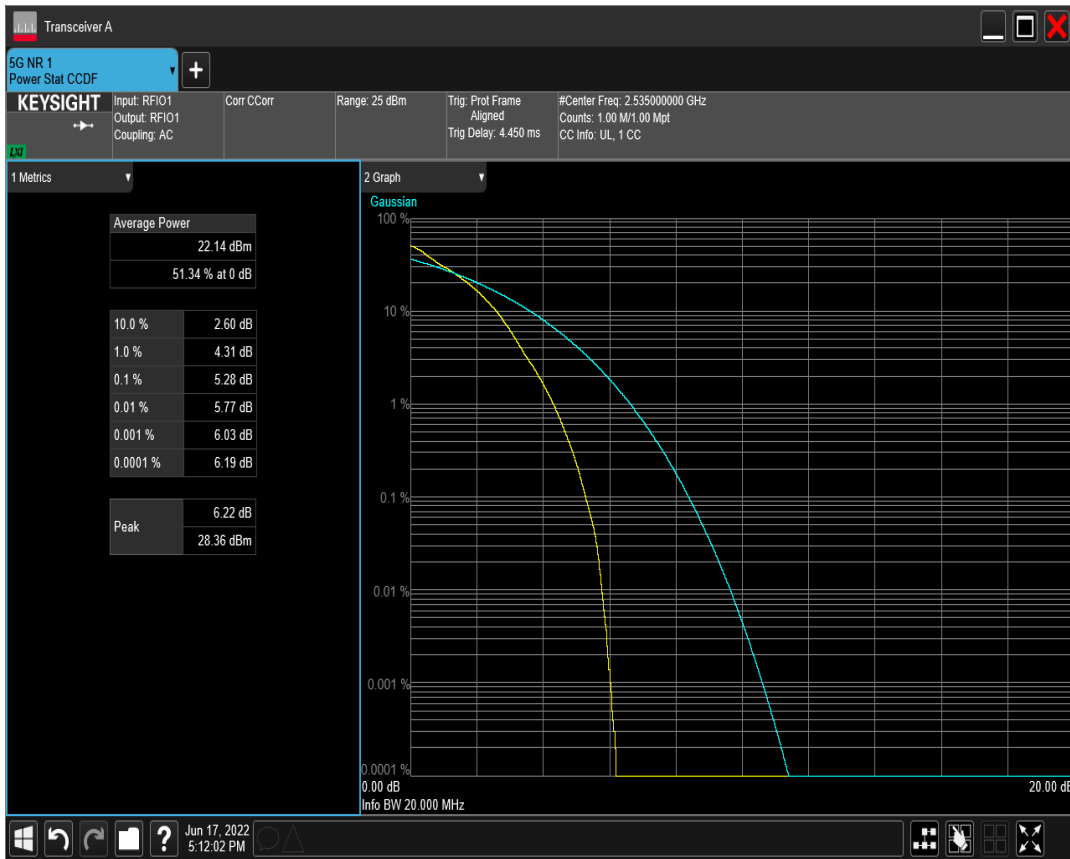
n7 SCS=30kHz DFT_QAM256 BW=10MHz Channel=507000 RB=24@0



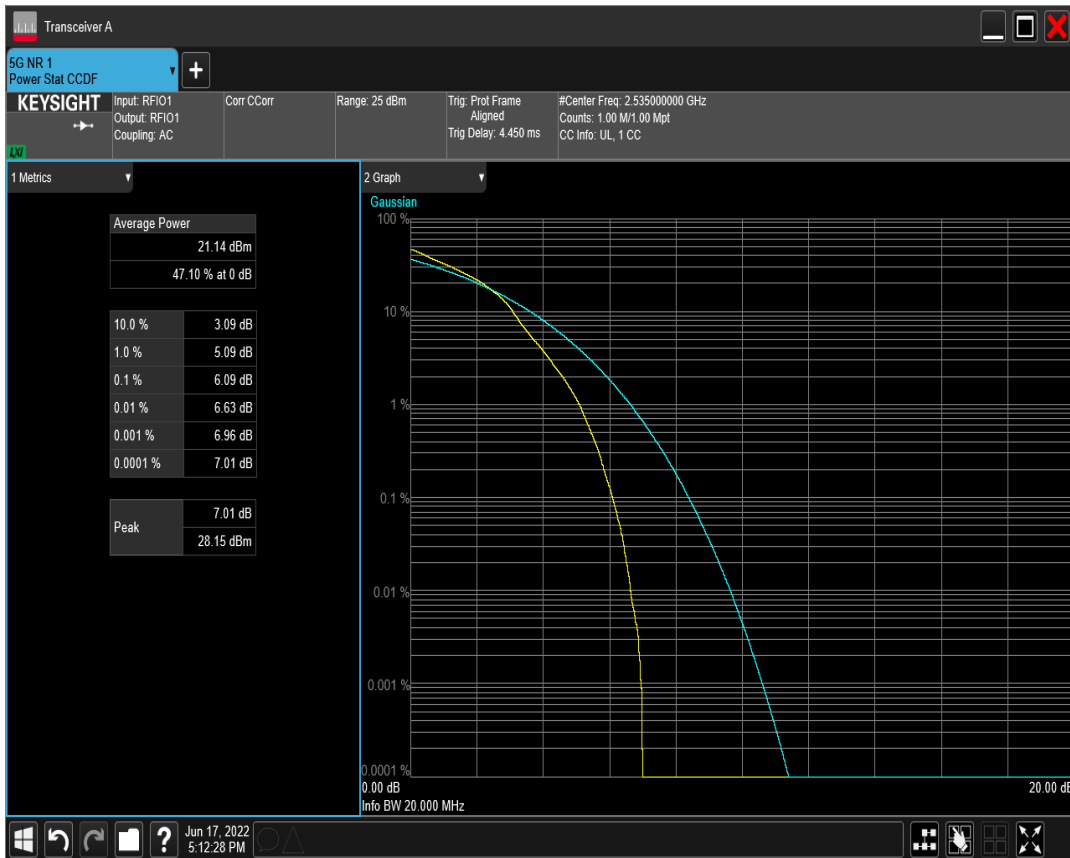
n7 SCS=30kHz DFT_BPSK BW=15MHz Channel=507000 RB=36@0



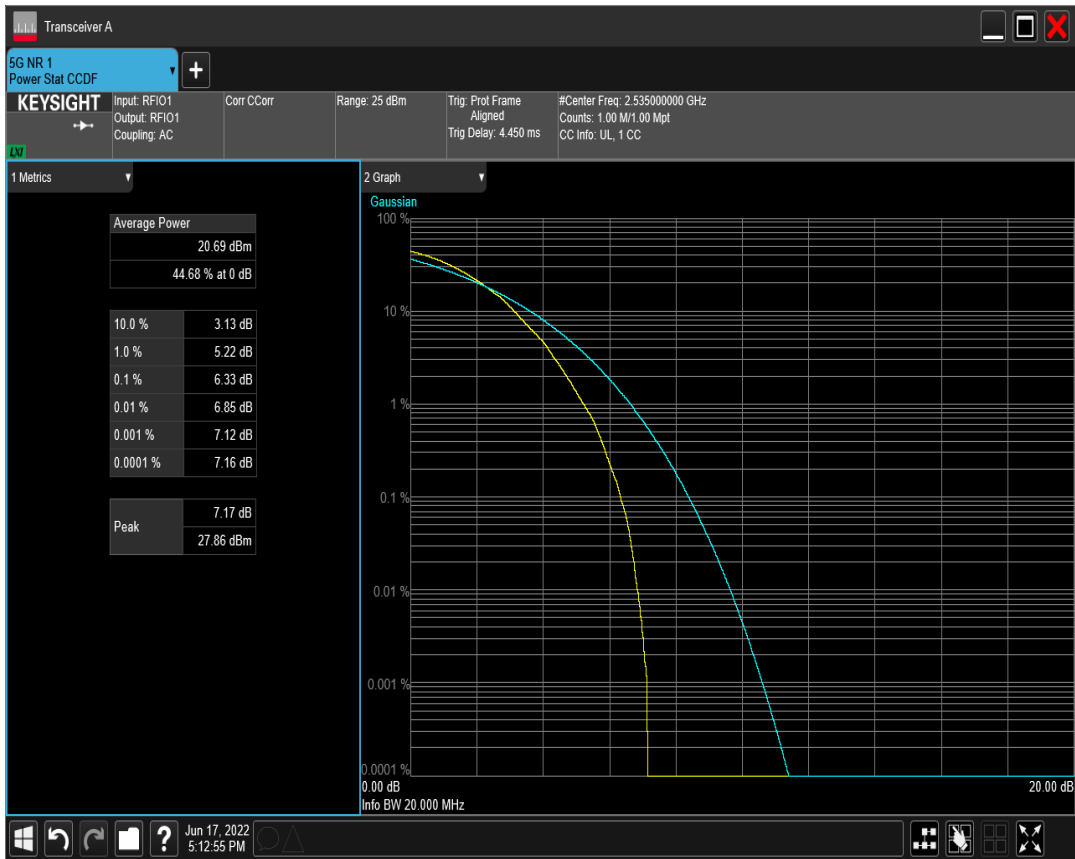
n7 SCS=30kHz DFT_QPSK BW=15MHz Channel=507000 RB=36@0



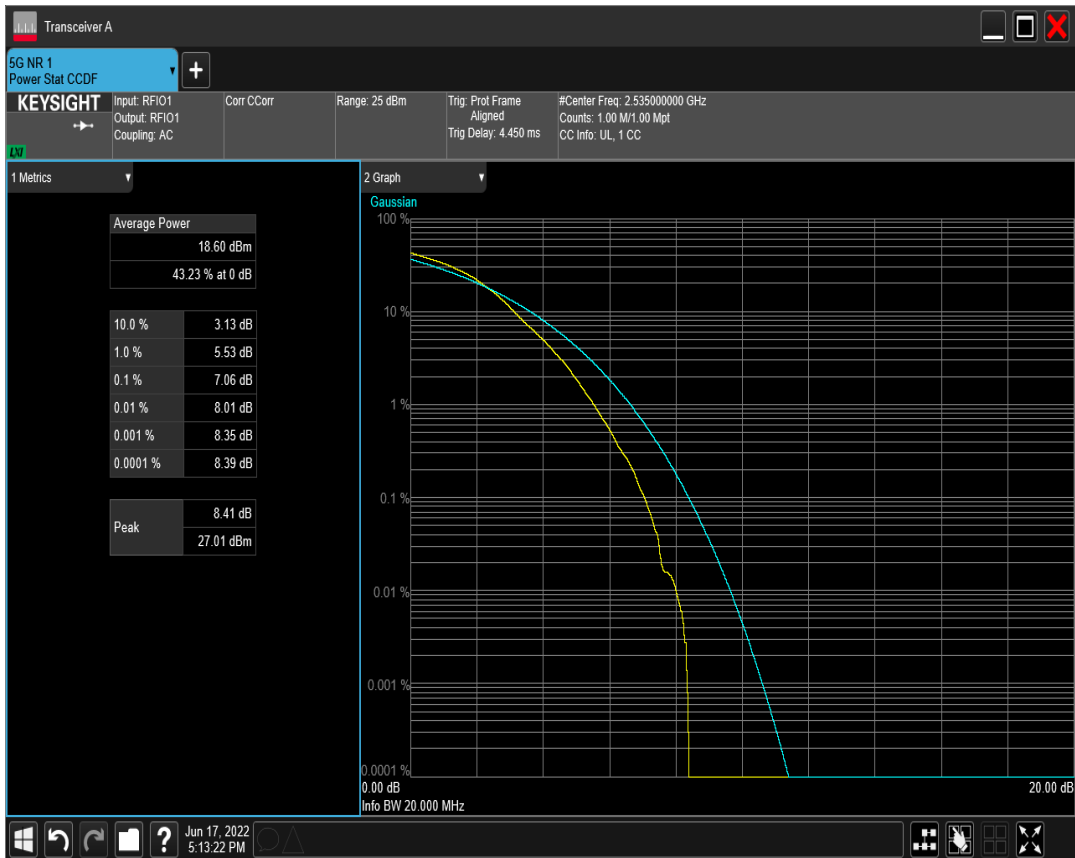
n7 SCS=30kHz DFT_QAM16 BW=15MHz Channel=507000 RB=36@0



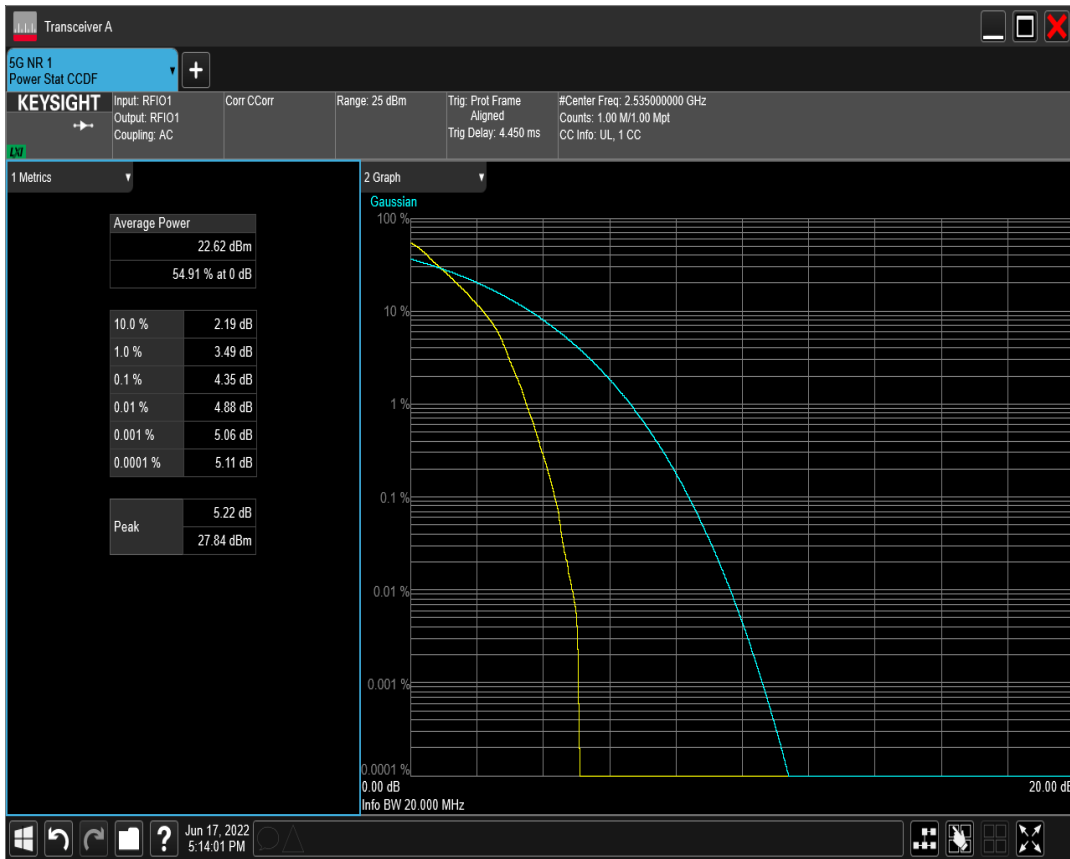
n7 SCS=30kHz DFT_QAM64 BW=15MHz Channel=507000 RB=36@0



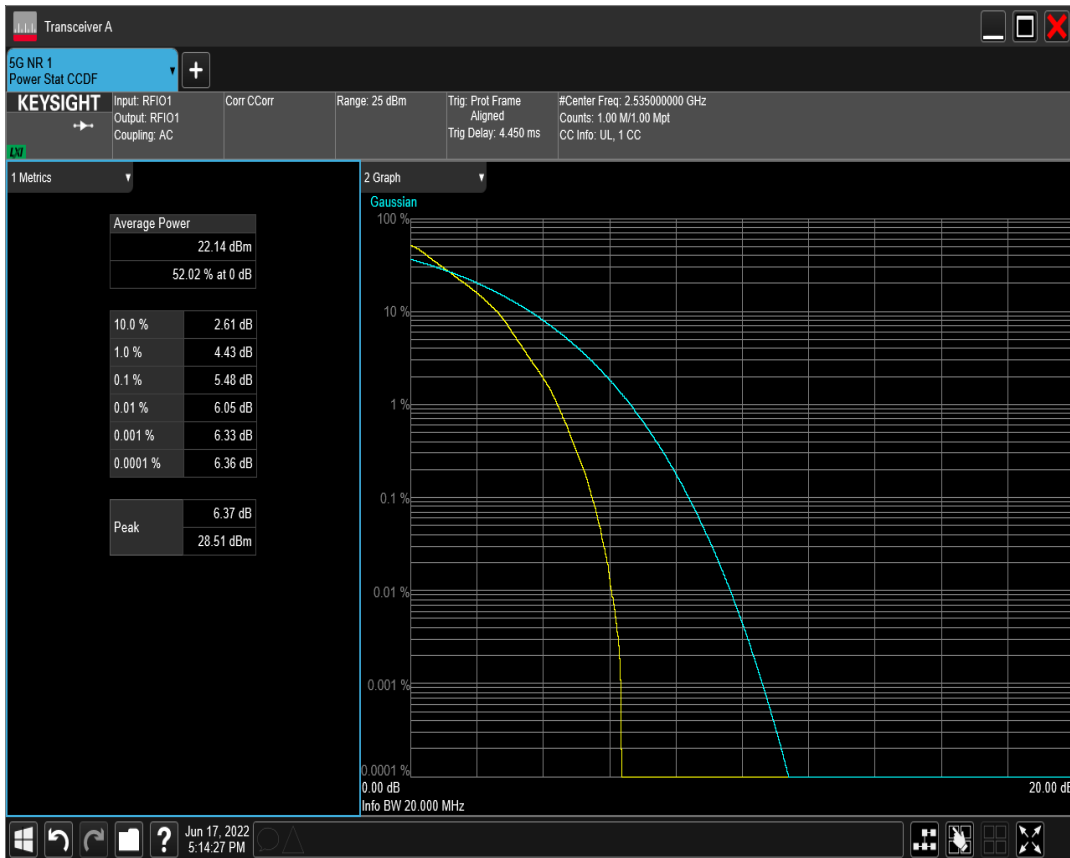
n7 SCS=30kHz DFT_QAM256 BW=15MHz Channel=507000 RB=36@0



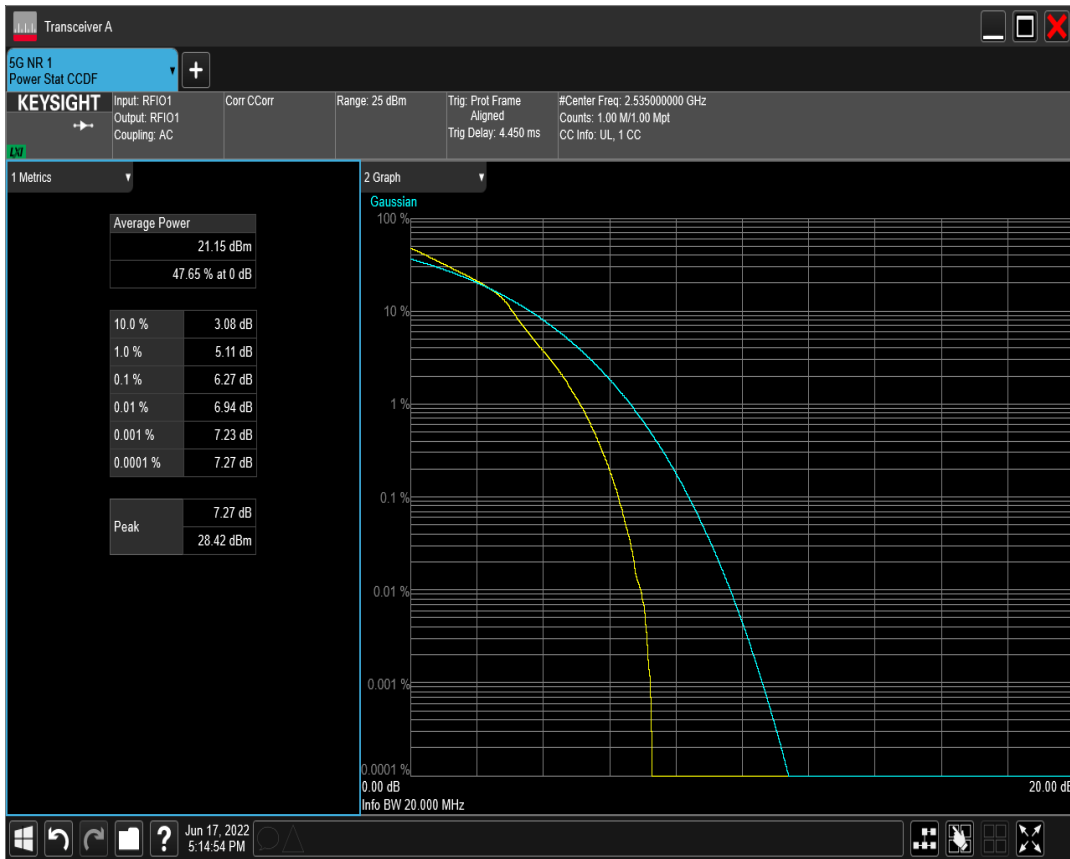
n7 SCS=30kHz DFT_BPSK BW=20MHz Channel=507000 RB=50@0



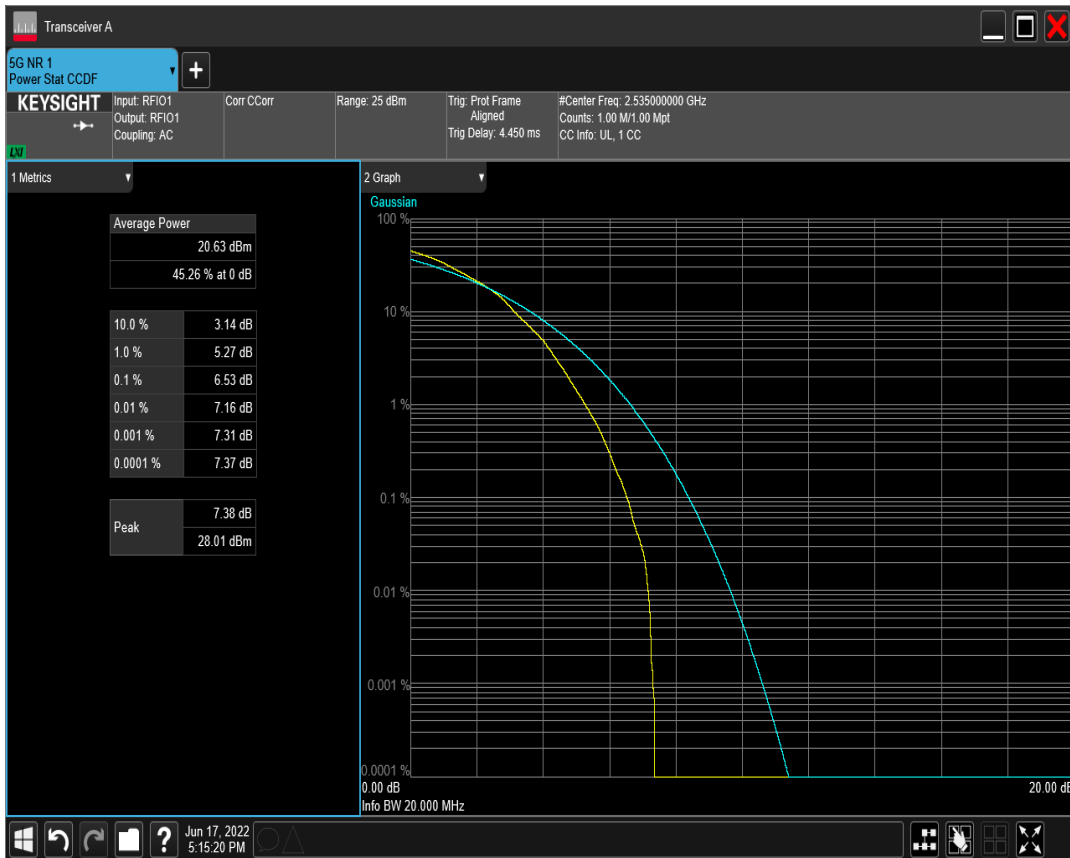
n7 SCS=30kHz DFT_QPSK BW=20MHz Channel=507000 RB=50@0



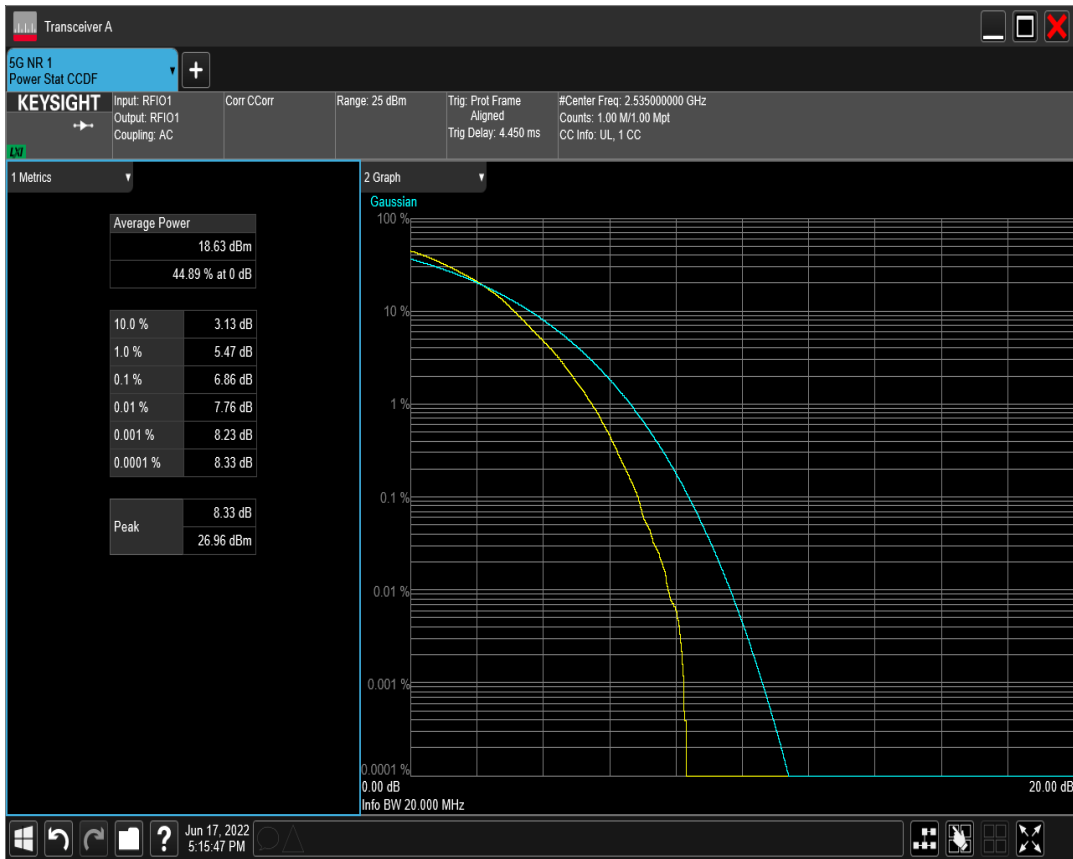
n7 SCS=30kHz DFT_QAM16 BW=20MHz Channel=507000 RB=50@0



n7 SCS=30kHz DFT_QAM64 BW=20MHz Channel=507000 RB=50@0



n7 SCS=30kHz DFT_QAM256 BW=20MHz Channel=507000 RB=50@0

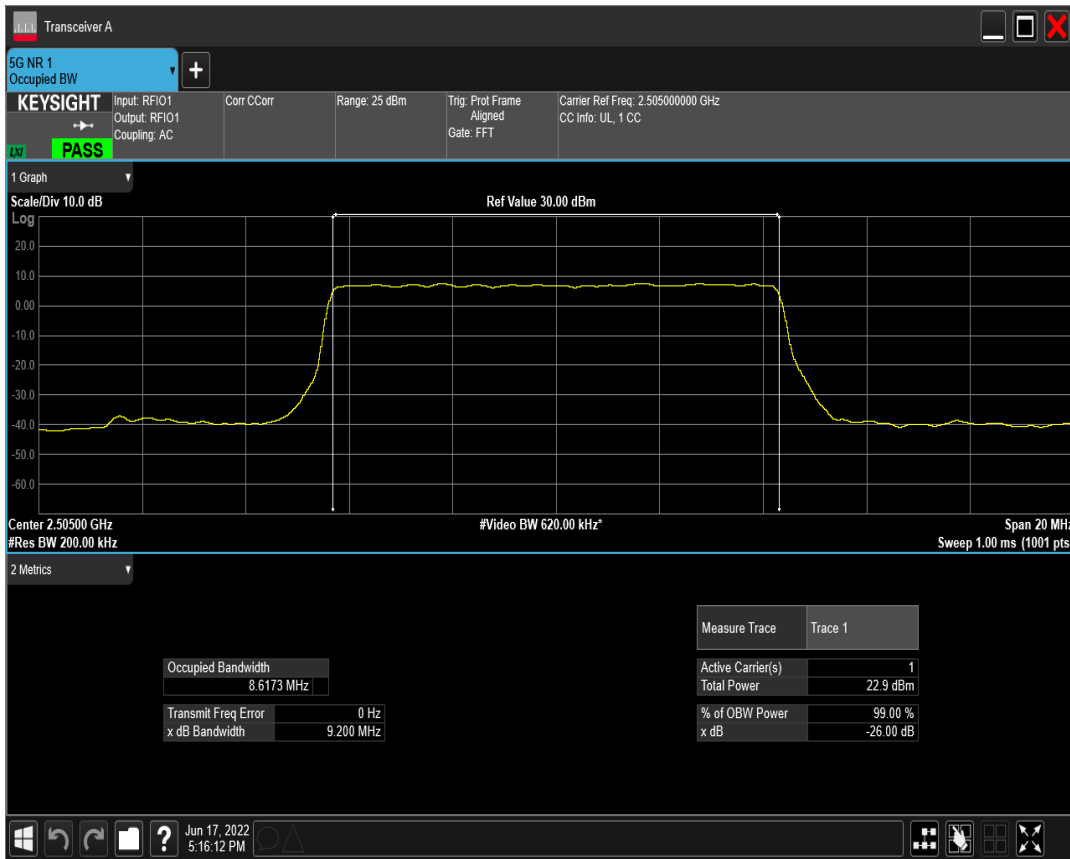


4 Occupied bandwidth for NR FR1

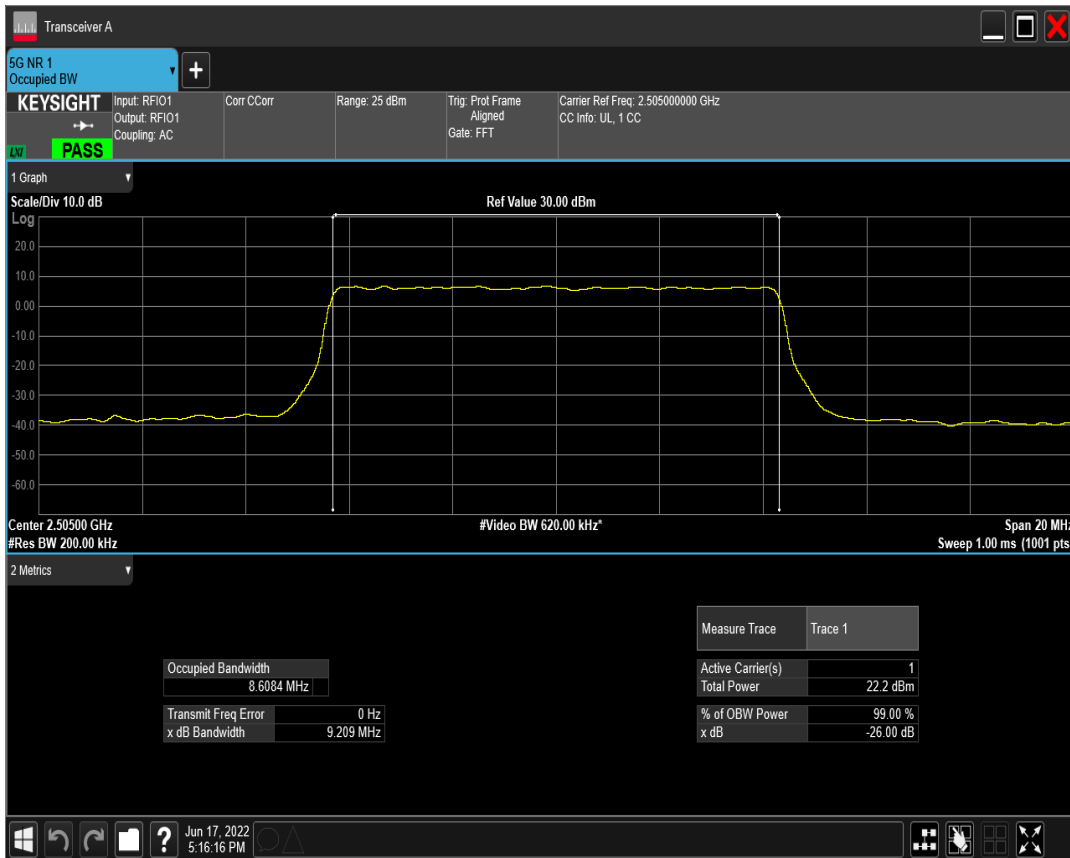
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n7	30	10	501000	24@0	DFT_BPSK	8.620	9.200	PASS
n7	30	10	501000	24@0	DFT_QPSK	8.610	9.210	PASS
n7	30	10	501000	24@0	DFT_QAM16	8.620	9.190	PASS
n7	30	10	501000	24@0	DFT_QAM64	8.620	9.210	PASS
n7	30	10	501000	24@0	DFT_QAM256	8.640	9.180	PASS
n7	30	10	501000	24@0	CP_QPSK	8.640	9.240	PASS
n7	30	10	507000	24@0	DFT_BPSK	8.620	9.200	PASS
n7	30	10	507000	24@0	DFT_QPSK	8.620	9.230	PASS
n7	30	10	507000	24@0	DFT_QAM16	8.610	9.170	PASS
n7	30	10	507000	24@0	DFT_QAM64	8.620	9.220	PASS
n7	30	10	507000	24@0	DFT_QAM256	8.640	9.200	PASS
n7	30	10	507000	24@0	CP_QPSK	8.640	9.280	PASS
n7	30	10	513000	24@0	DFT_BPSK	8.600	9.200	PASS
n7	30	10	513000	24@0	DFT_QPSK	8.610	9.260	PASS
n7	30	10	513000	24@0	DFT_QAM16	8.610	9.150	PASS
n7	30	10	513000	24@0	DFT_QAM64	8.640	9.240	PASS
n7	30	10	513000	24@0	DFT_QAM256	8.650	9.220	PASS
n7	30	10	513000	24@0	CP_QPSK	8.640	9.260	PASS
n7	30	15	501500	36@0	DFT_BPSK	13.460	13.720	PASS
n7	30	15	501500	36@0	DFT_QPSK	13.460	13.680	PASS
n7	30	15	501500	36@0	DFT_QAM16	13.510	13.750	PASS
n7	30	15	501500	36@0	DFT_QAM64	13.460	13.750	PASS
n7	30	15	501500	36@0	DFT_QAM256	13.560	13.750	PASS
n7	30	15	501500	38@0	CP_QPSK	13.640	14.460	PASS
n7	30	15	507000	36@0	DFT_BPSK	13.510	13.730	PASS
n7	30	15	507000	36@0	DFT_QPSK	13.510	13.730	PASS
n7	30	15	507000	36@0	DFT_QAM16	13.510	13.730	PASS
n7	30	15	507000	36@0	DFT_QAM64	13.460	13.730	PASS
n7	30	15	507000	36@0	DFT_QAM256	13.570	13.740	PASS
n7	30	15	507000	38@0	CP_QPSK	13.640	14.430	PASS
n7	30	15	512500	36@0	DFT_BPSK	13.500	13.770	PASS
n7	30	15	512500	36@0	DFT_QPSK	13.460	13.690	PASS
n7	30	15	512500	36@0	DFT_QAM16	13.520	13.710	PASS
n7	30	15	512500	36@0	DFT_QAM64	13.510	13.700	PASS
n7	30	15	512500	36@0	DFT_QAM256	13.520	13.730	PASS
n7	30	15	512500	38@0	CP_QPSK	13.640	14.420	PASS
n7	30	20	502000	50@0	DFT_BPSK	18.080	18.950	PASS
n7	30	20	502000	50@0	DFT_QPSK	18.040	18.910	PASS
n7	30	20	502000	50@0	DFT_QAM16	18.090	18.930	PASS

n7	30	20	502000	50@0	DFT_QAM64	18.030	18.920	PASS
n7	30	20	502000	50@0	DFT_QAM256	18.030	18.910	PASS
n7	30	20	502000	51@0	CP_QPSK	18.280	19.300	PASS
n7	30	20	507000	50@0	DFT_BPSK	18.090	18.940	PASS
n7	30	20	507000	50@0	DFT_QPSK	18.040	18.920	PASS
n7	30	20	507000	50@0	DFT_QAM16	18.100	18.940	PASS
n7	30	20	507000	50@0	DFT_QAM64	18.090	18.940	PASS
n7	30	20	507000	50@0	DFT_QAM256	18.090	18.930	PASS
n7	30	20	507000	51@0	CP_QPSK	18.280	19.320	PASS
n7	30	20	512000	50@0	DFT_BPSK	18.110	18.920	PASS
n7	30	20	512000	50@0	DFT_QPSK	18.100	18.930	PASS
n7	30	20	512000	50@0	DFT_QAM16	18.120	18.950	PASS
n7	30	20	512000	50@0	DFT_QAM64	18.090	18.930	PASS
n7	30	20	512000	50@0	DFT_QAM256	18.090	18.930	PASS
n7	30	20	512000	51@0	CP_QPSK	18.280	19.310	PASS

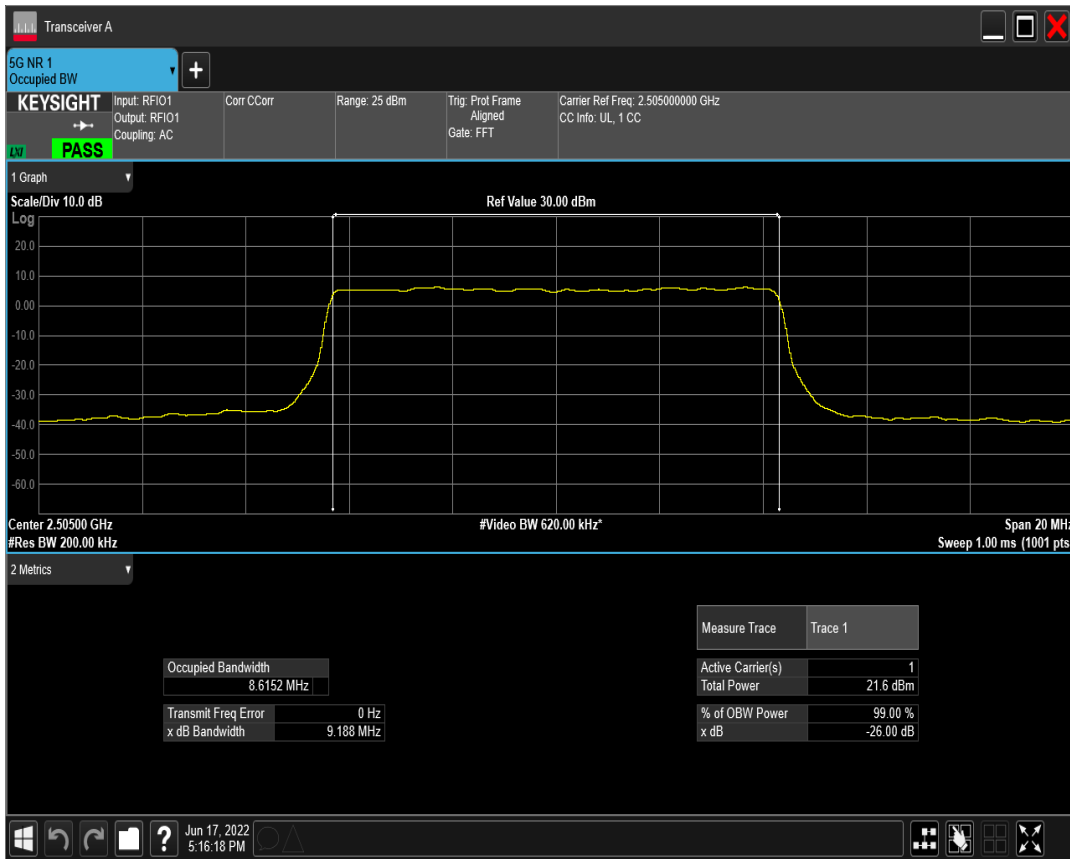
n7 SCS=30kHz DFT_BPSK BW=10MHz Channel=501000 RB=24@0



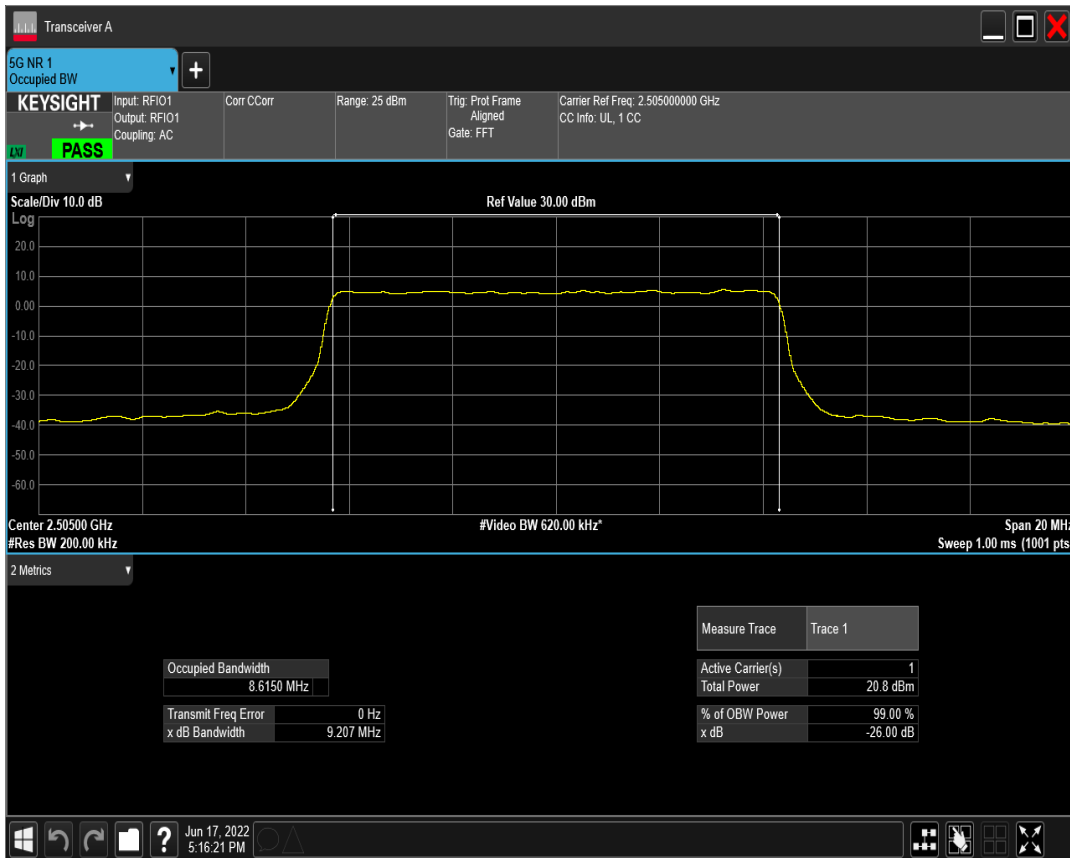
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=501000 RB=24@0



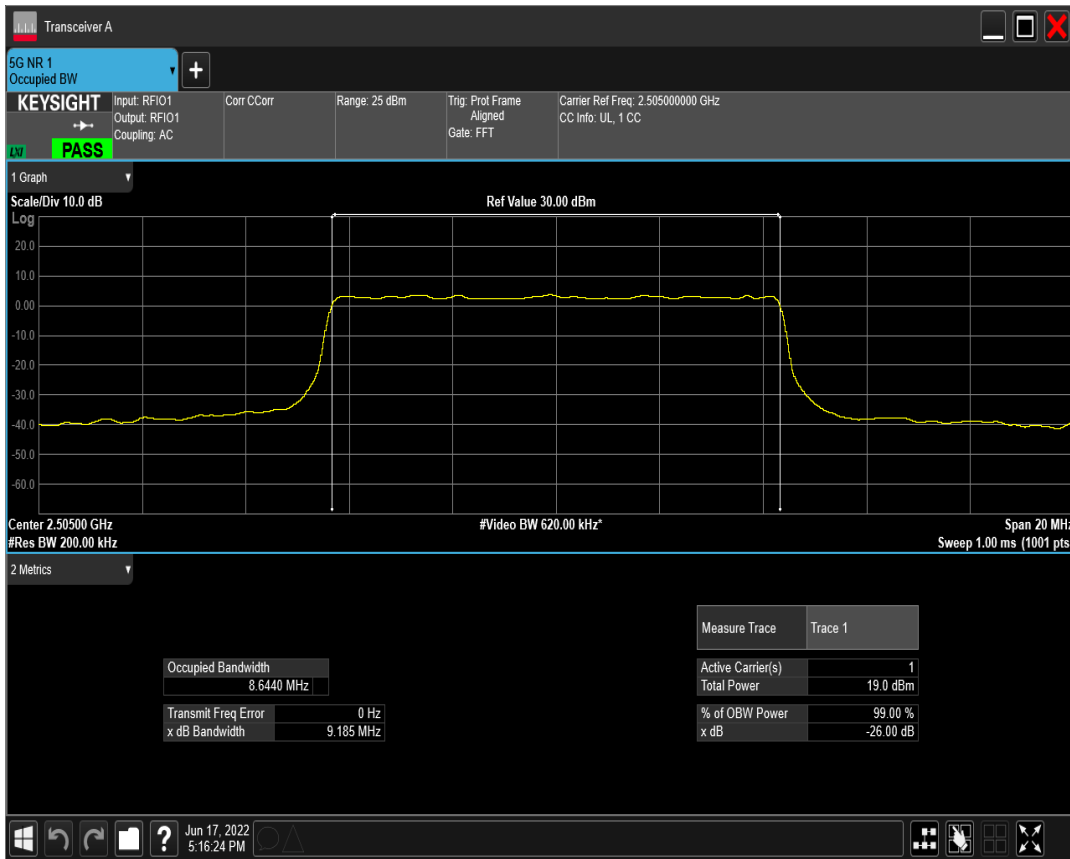
n7 SCS=30kHz DFT_QAM16 BW=10MHz Channel=501000 RB=24@0



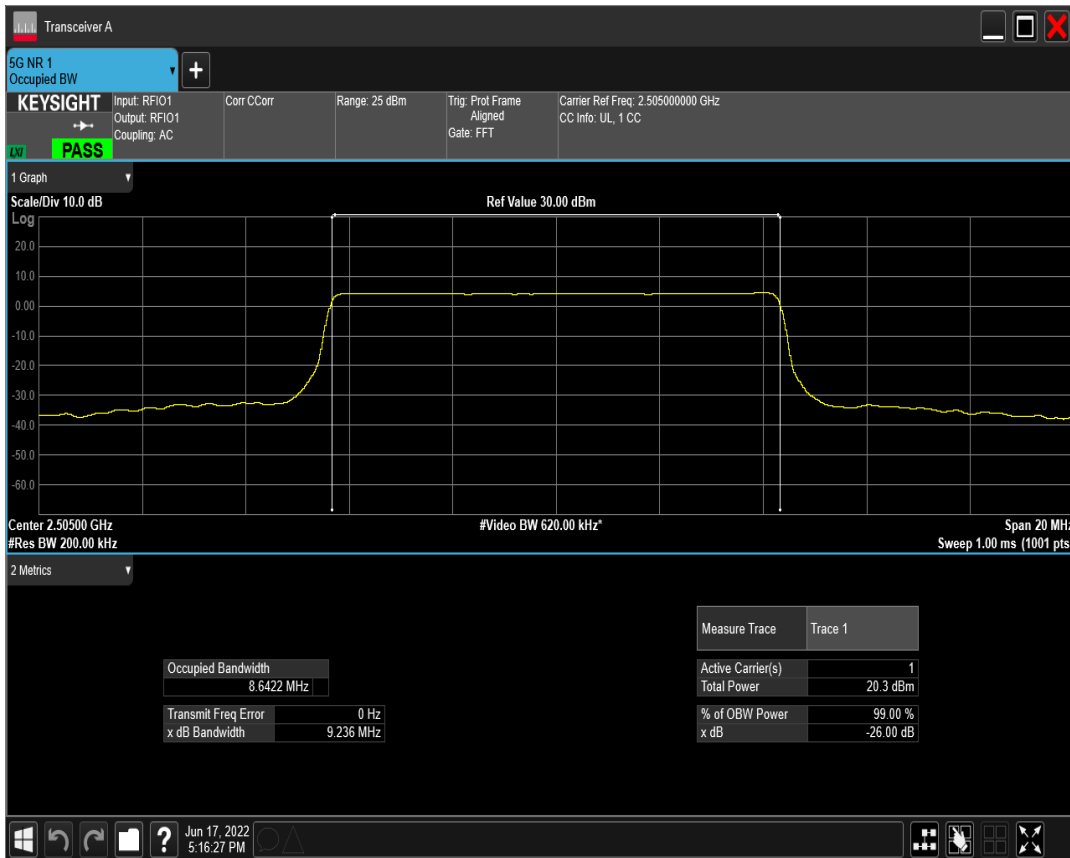
n7 SCS=30kHz DFT_QAM64 BW=10MHz Channel=501000 RB=24@0



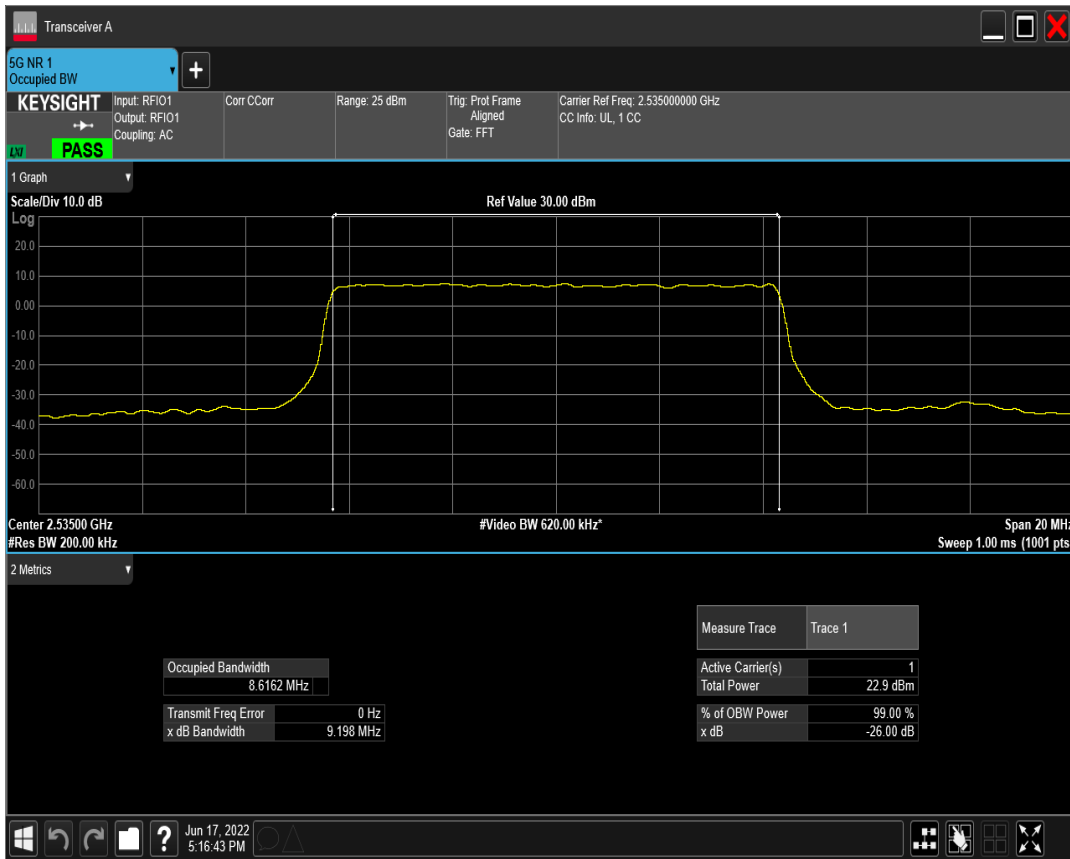
n7 SCS=30kHz DFT_QAM256 BW=10MHz Channel=501000 RB=24@0



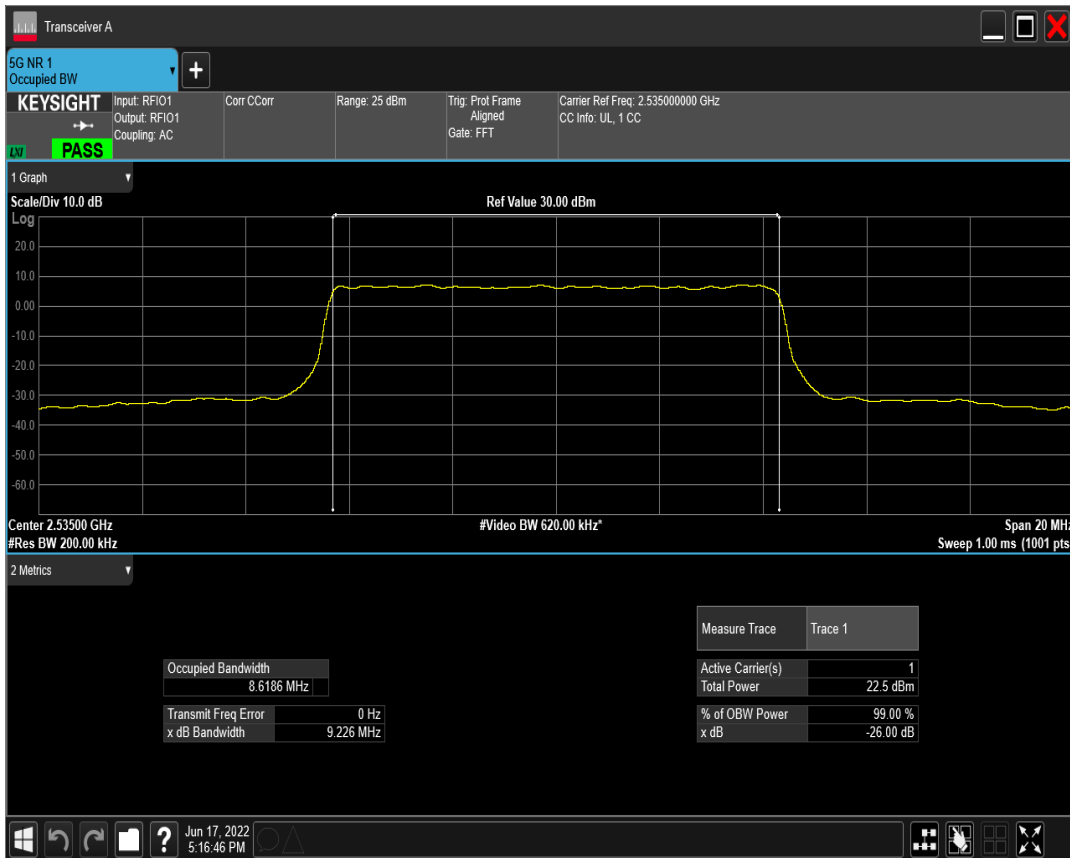
n7 SCS=30kHz CP_QPSK BW=10MHz Channel=501000 RB=24@0



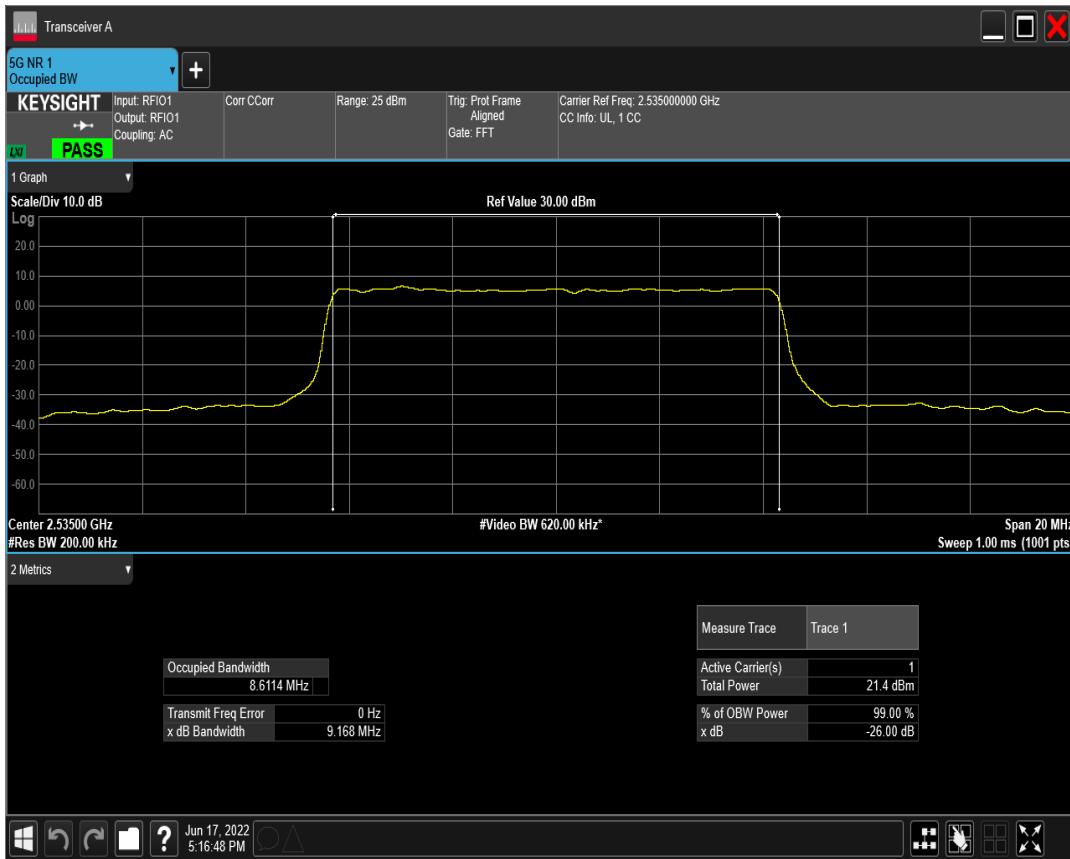
n7 SCS=30kHz DFT_BPSK BW=10MHz Channel=507000 RB=24@0



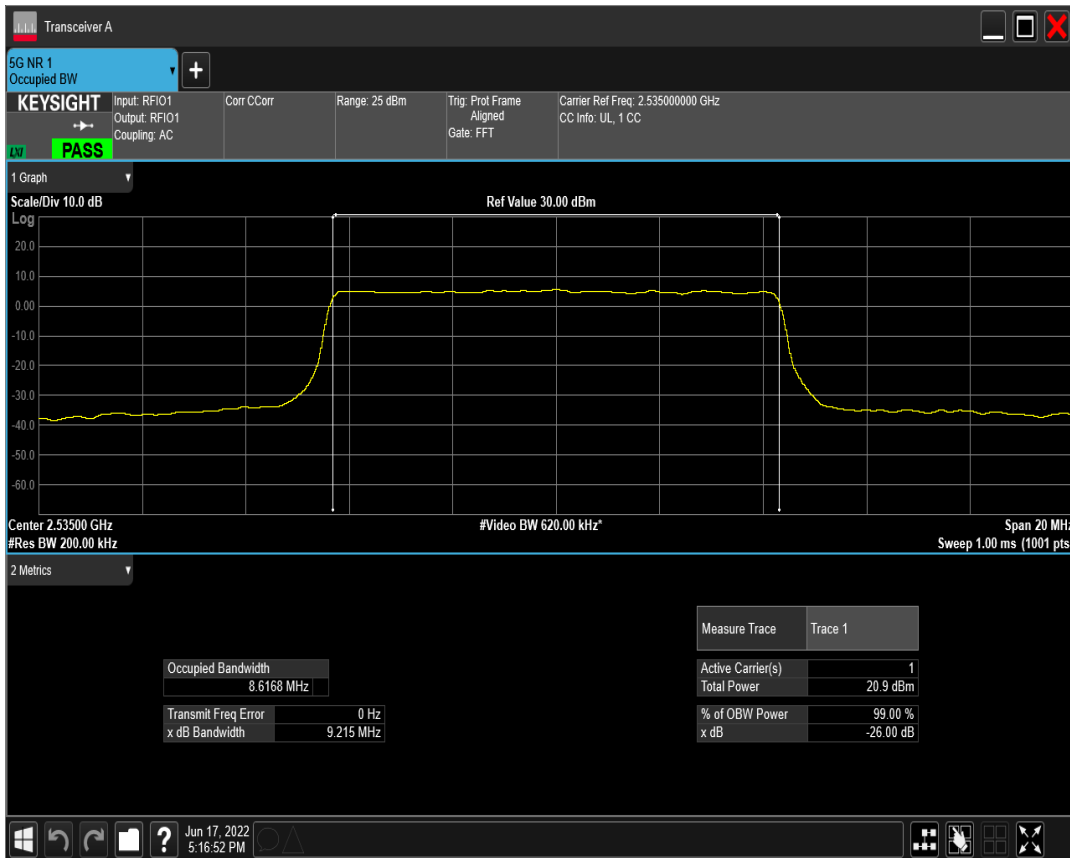
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=507000 RB=24@0



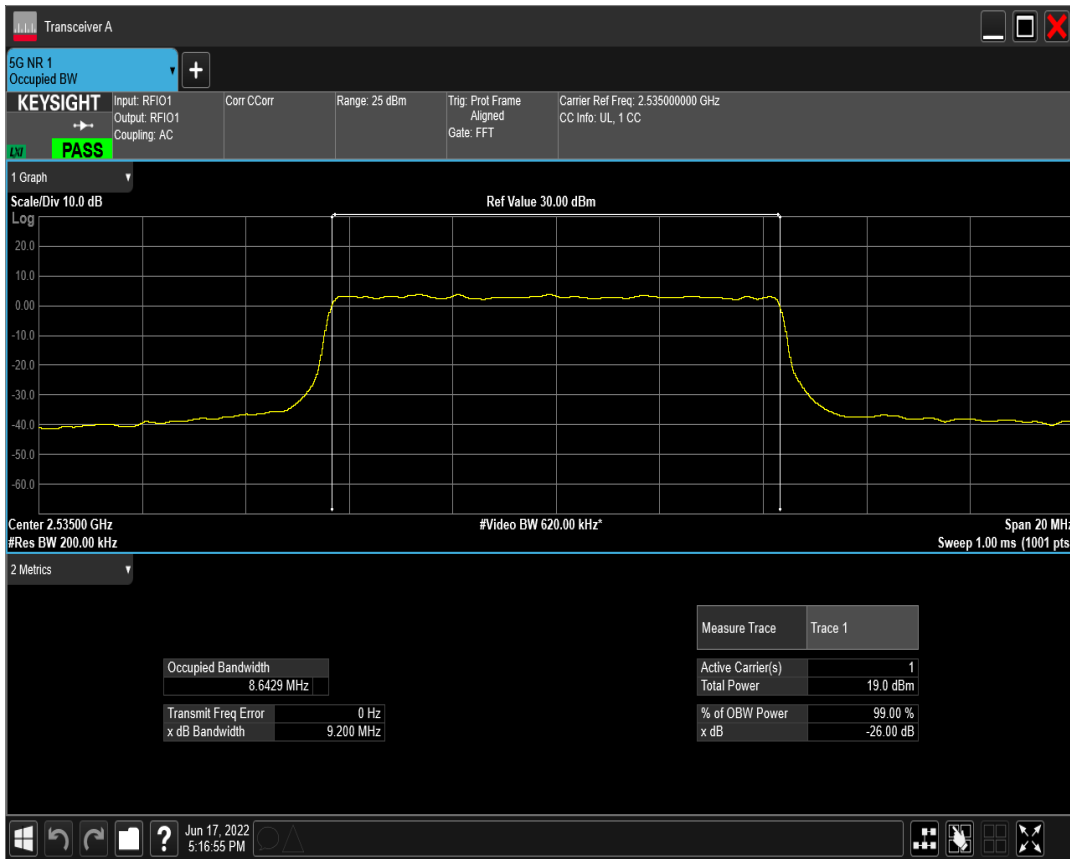
n7 SCS=30kHz DFT_QAM16 BW=10MHz Channel=507000 RB=24@0



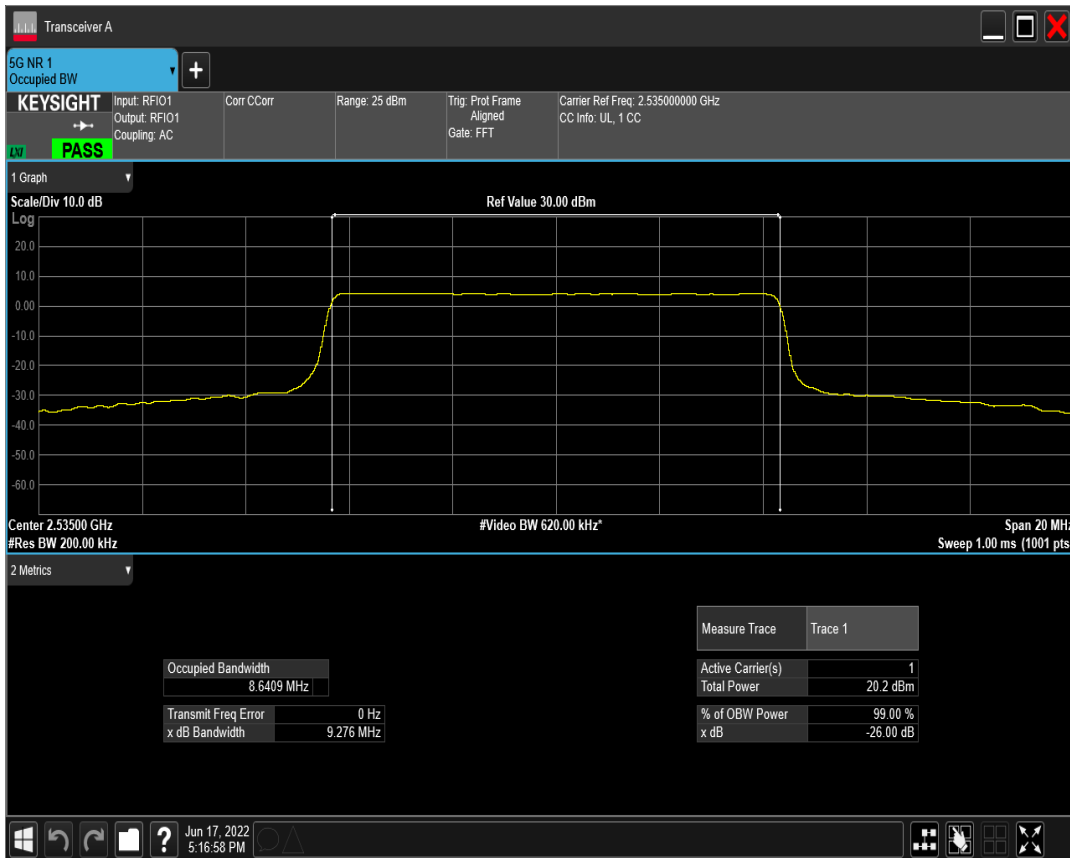
n7 SCS=30kHz DFT_QAM64 BW=10MHz Channel=507000 RB=24@0



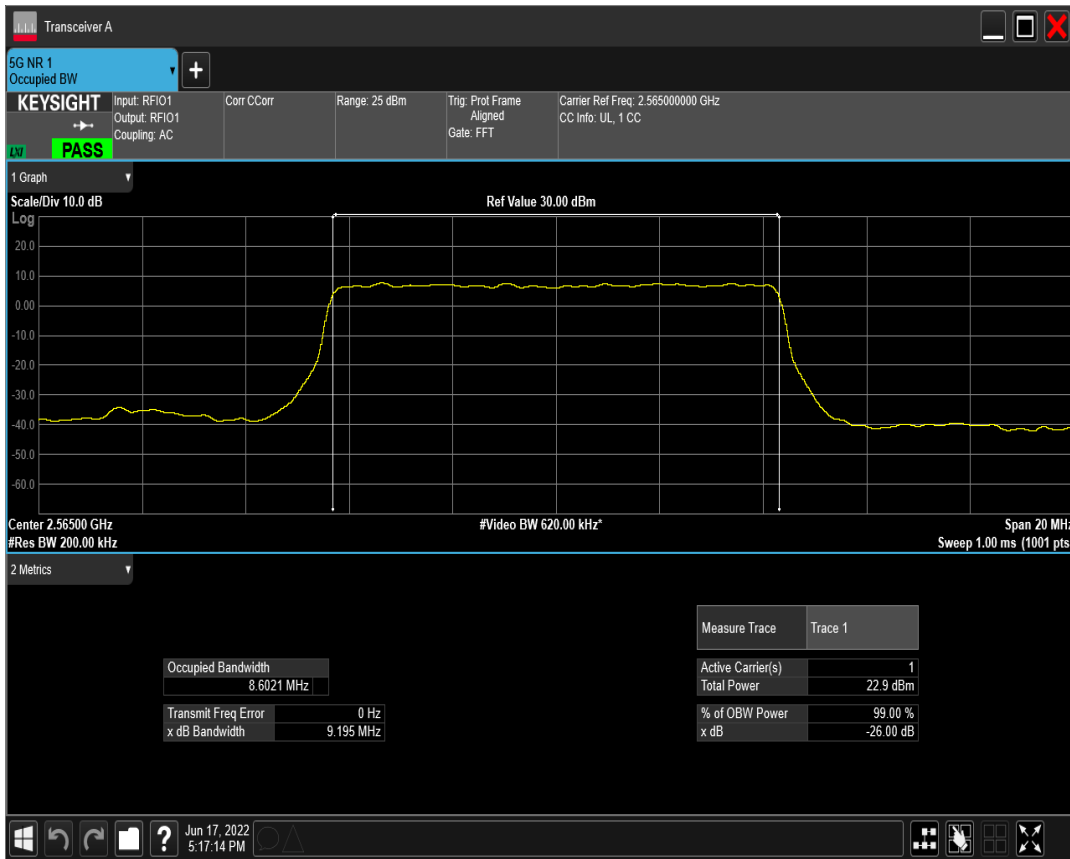
n7 SCS=30kHz DFT_QAM256 BW=10MHz Channel=507000 RB=24@0



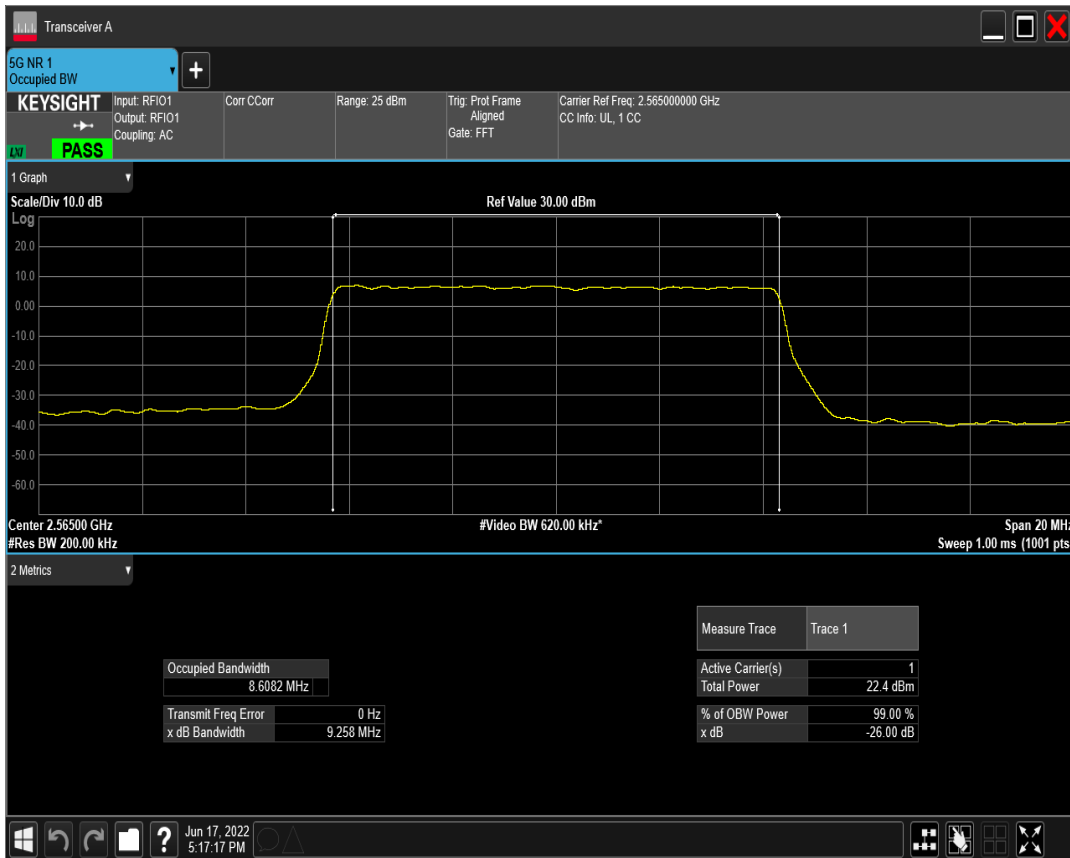
n7 SCS=30kHz CP_QPSK BW=10MHz Channel=507000 RB=24@0



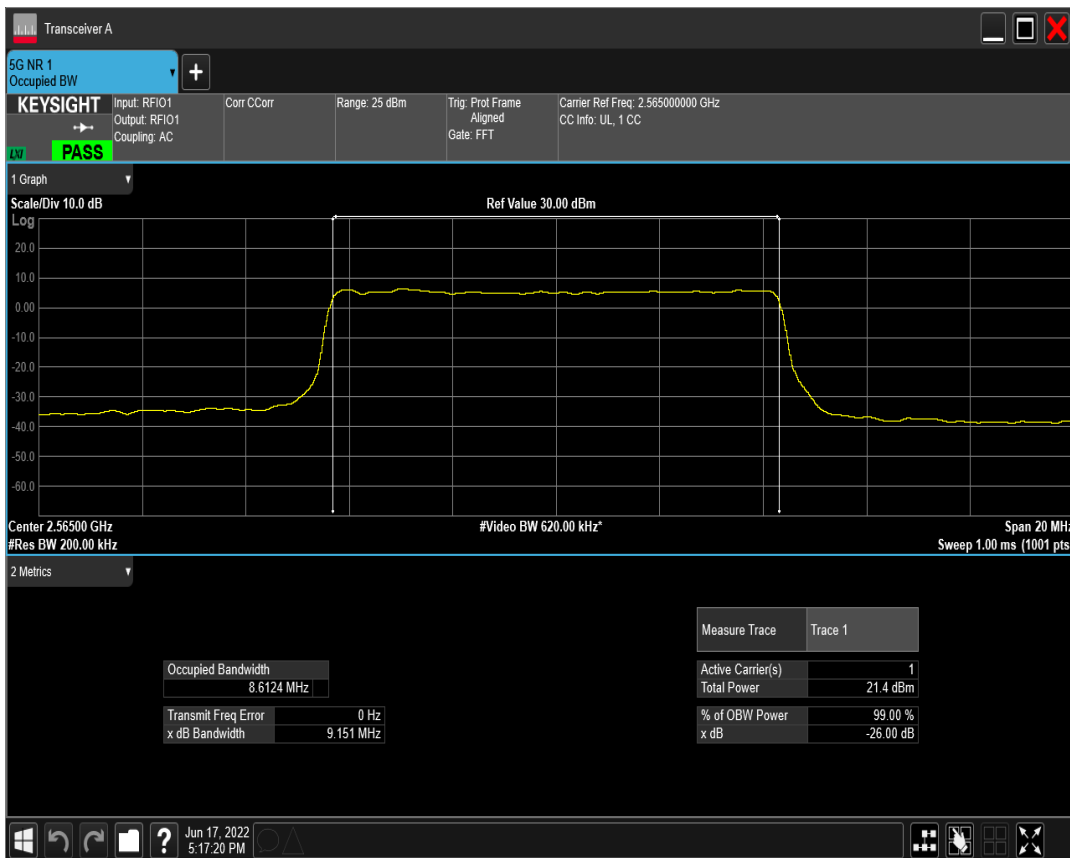
n7 SCS=30kHz DFT_BPSK BW=10MHz Channel=513000 RB=24@0



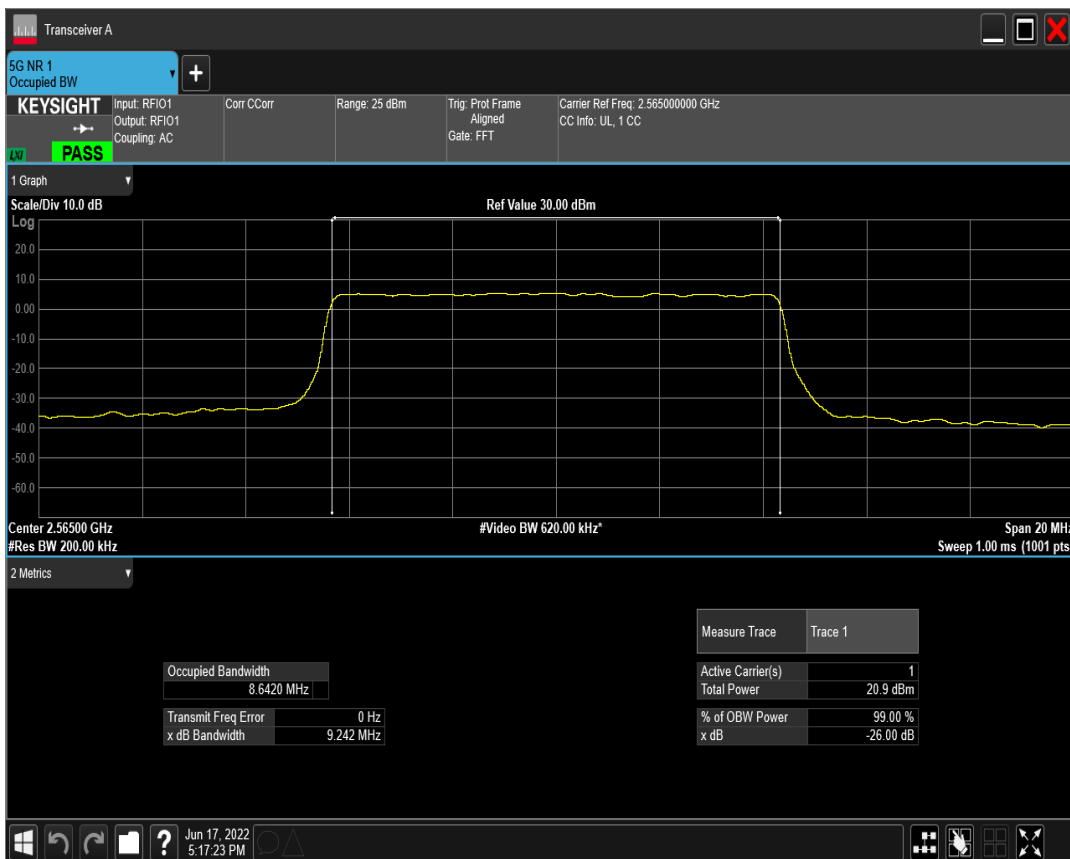
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=513000 RB=24@0



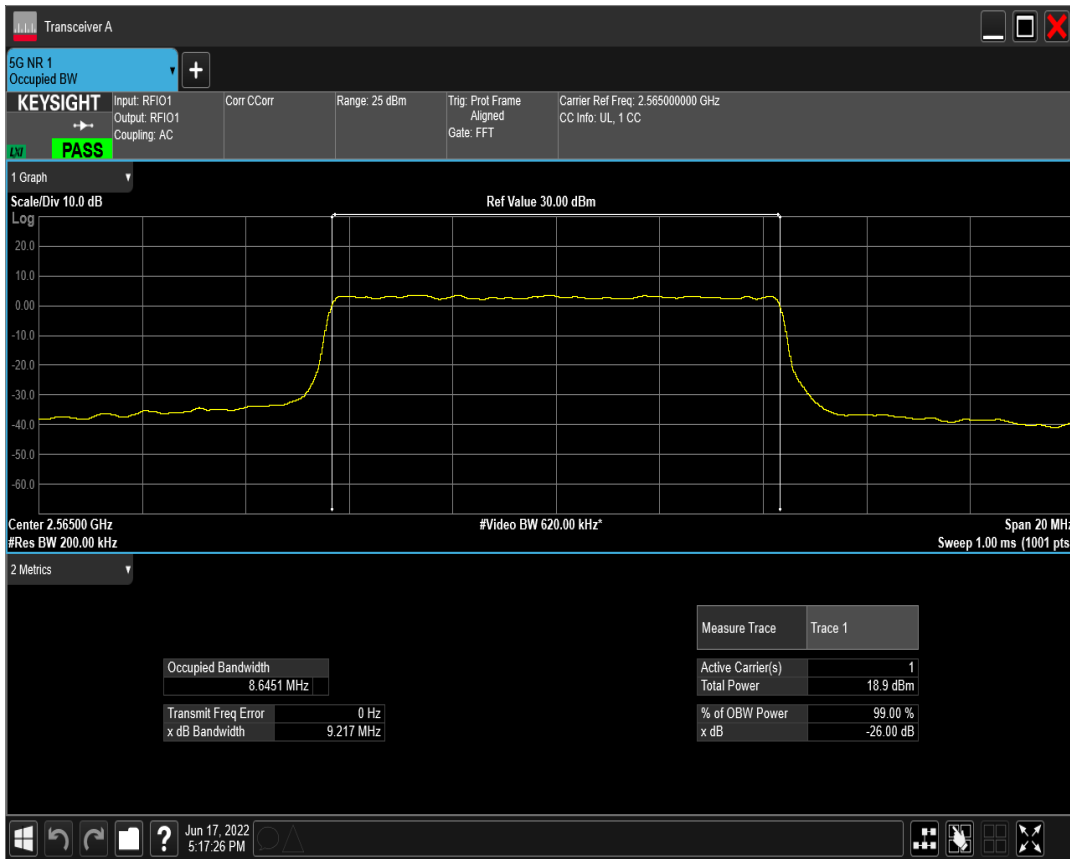
n7 SCS=30kHz DFT_QAM16 BW=10MHz Channel=513000 RB=24@0



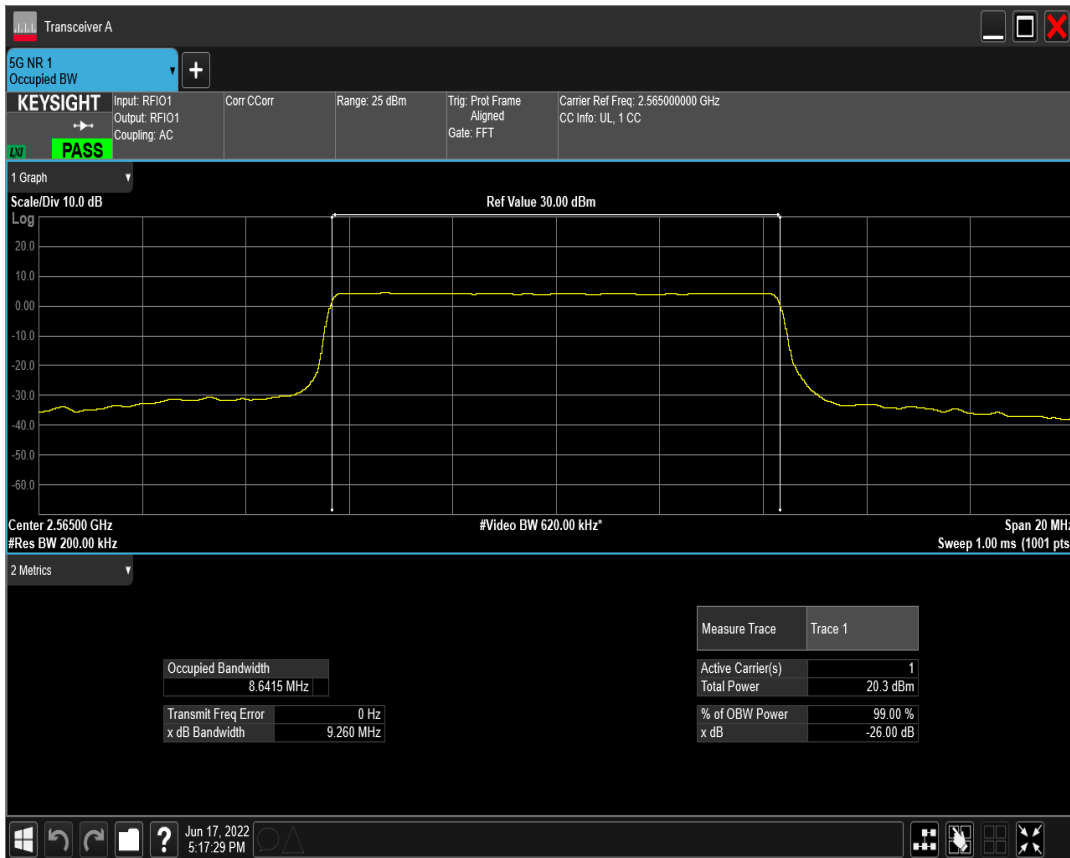
n7 SCS=30kHz DFT_QAM64 BW=10MHz Channel=513000 RB=24@0



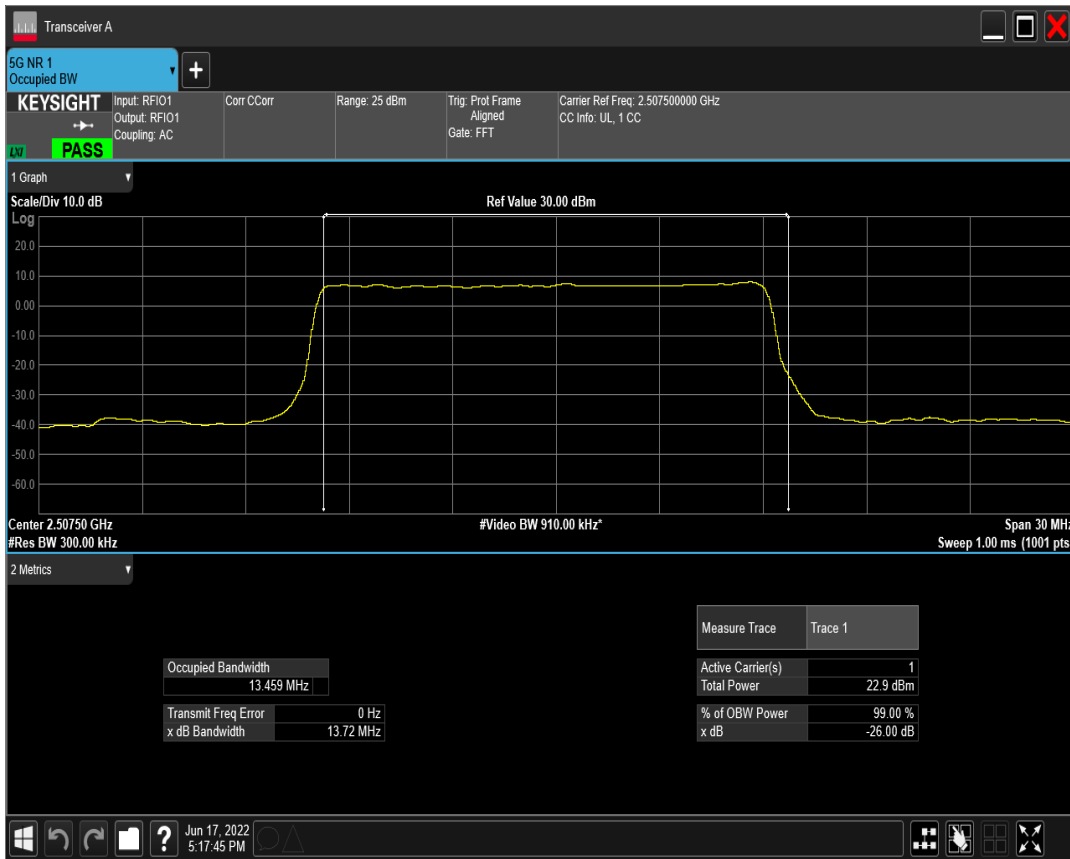
n7 SCS=30kHz DFT_QAM256 BW=10MHz Channel=513000 RB=24@0



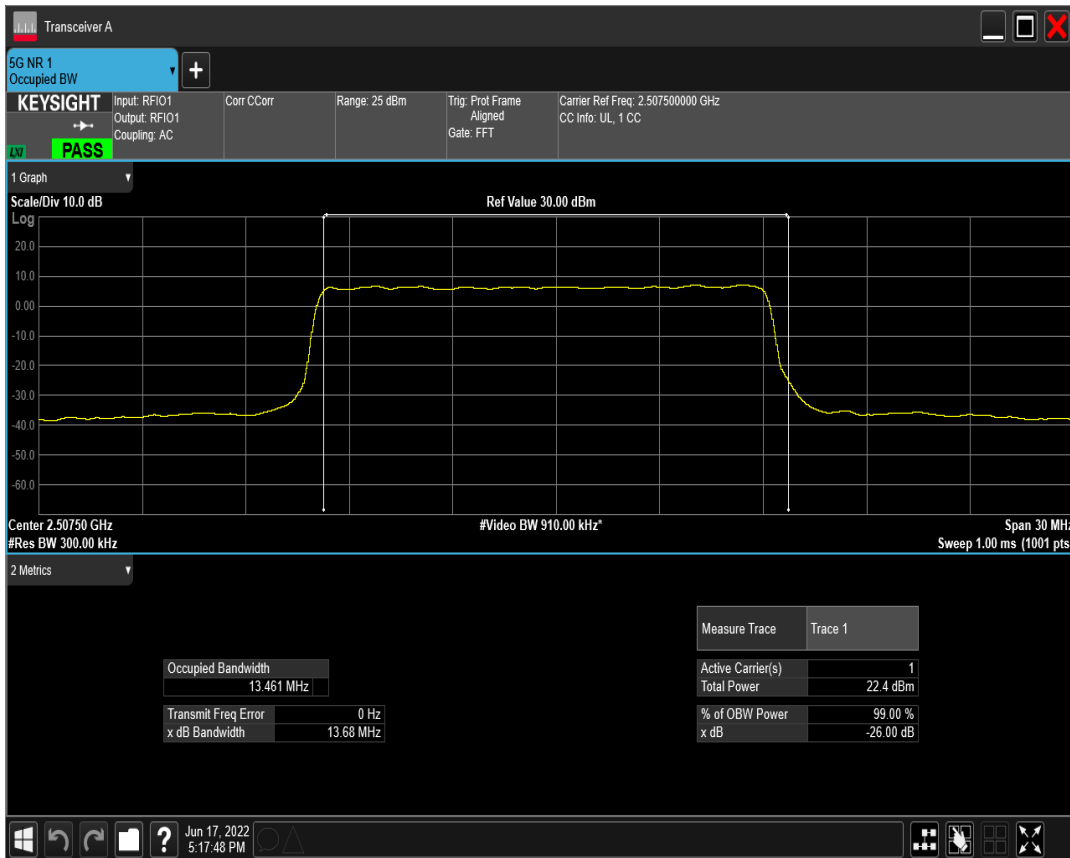
n7 SCS=30kHz CP_QPSK BW=10MHz Channel=513000 RB=24@0



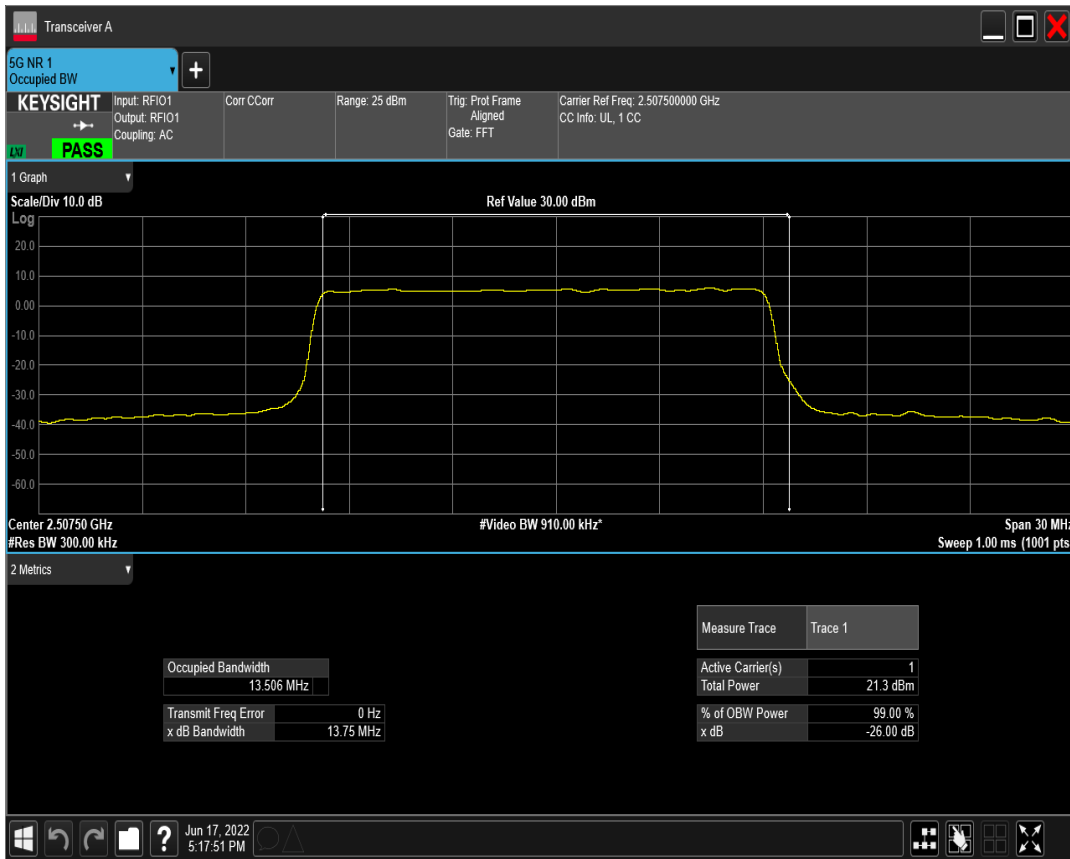
n7 SCS=30kHz DFT_BPSK BW=15MHz Channel=501500 RB=36@0



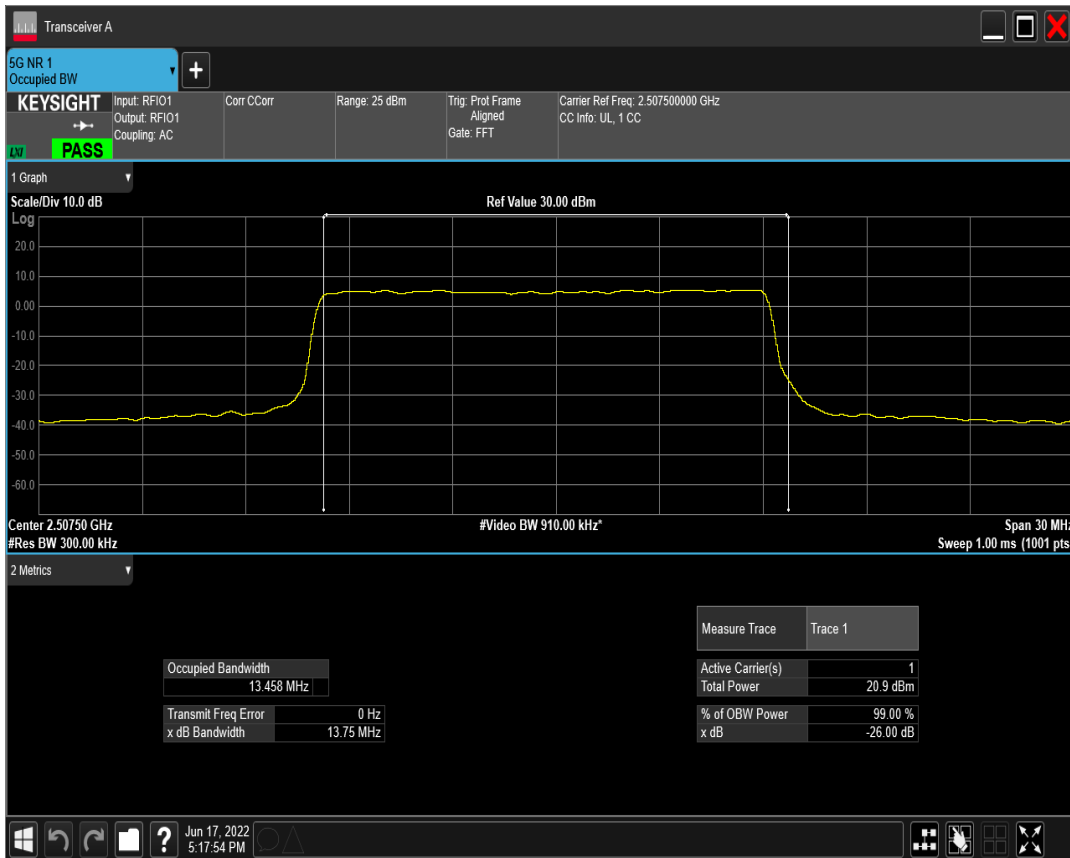
n7 SCS=30kHz DFT_QPSK BW=15MHz Channel=501500 RB=36@0



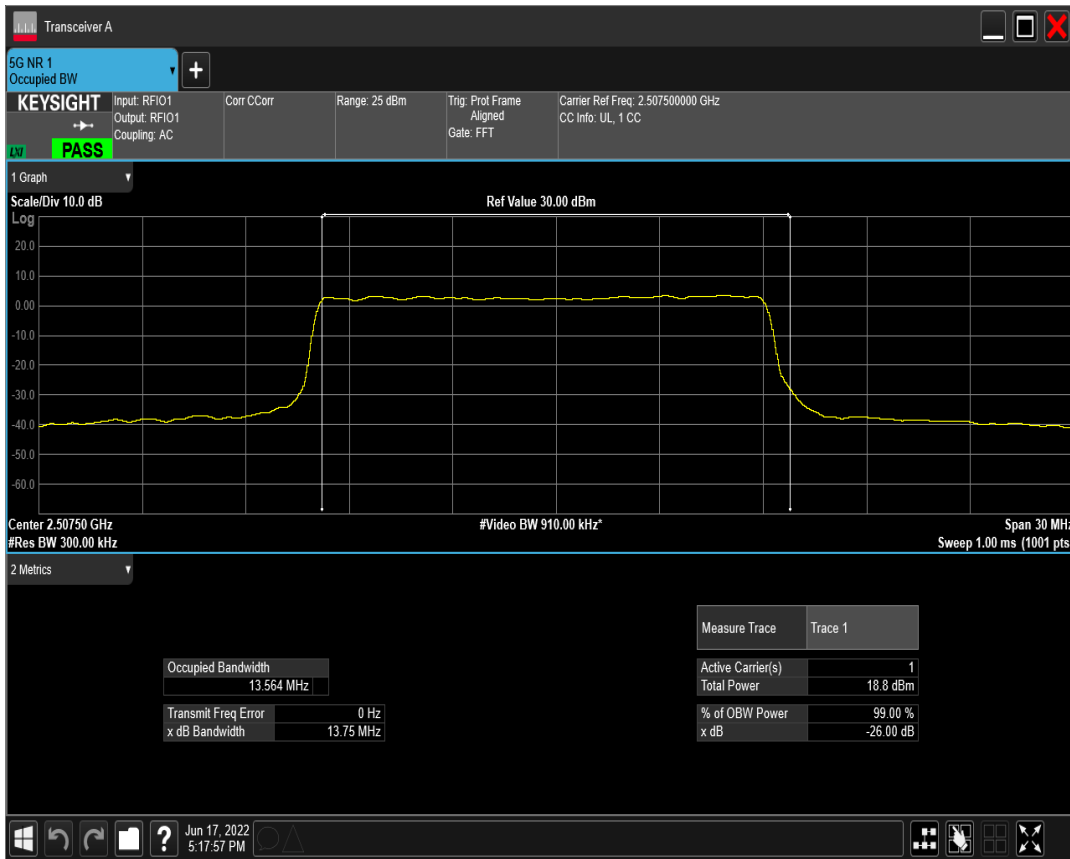
n7 SCS=30kHz DFT_QAM16 BW=15MHz Channel=501500 RB=36@0



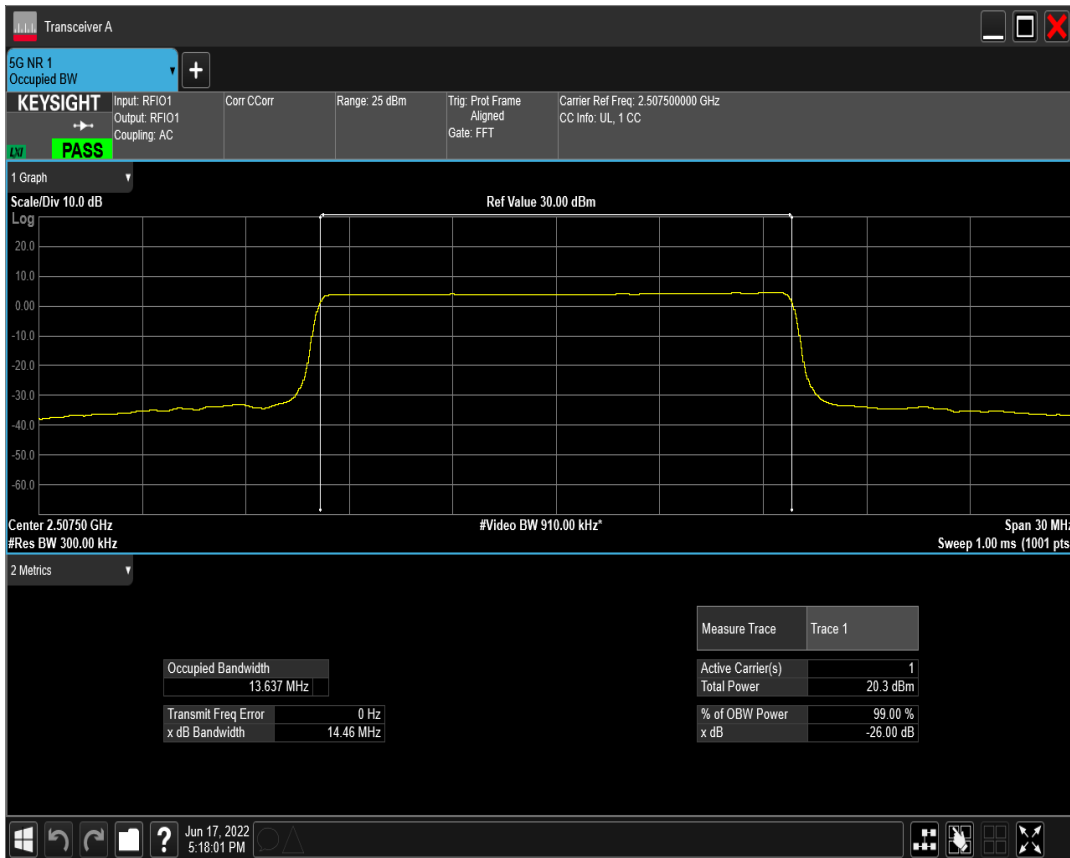
n7 SCS=30kHz DFT_QAM64 BW=15MHz Channel=501500 RB=36@0



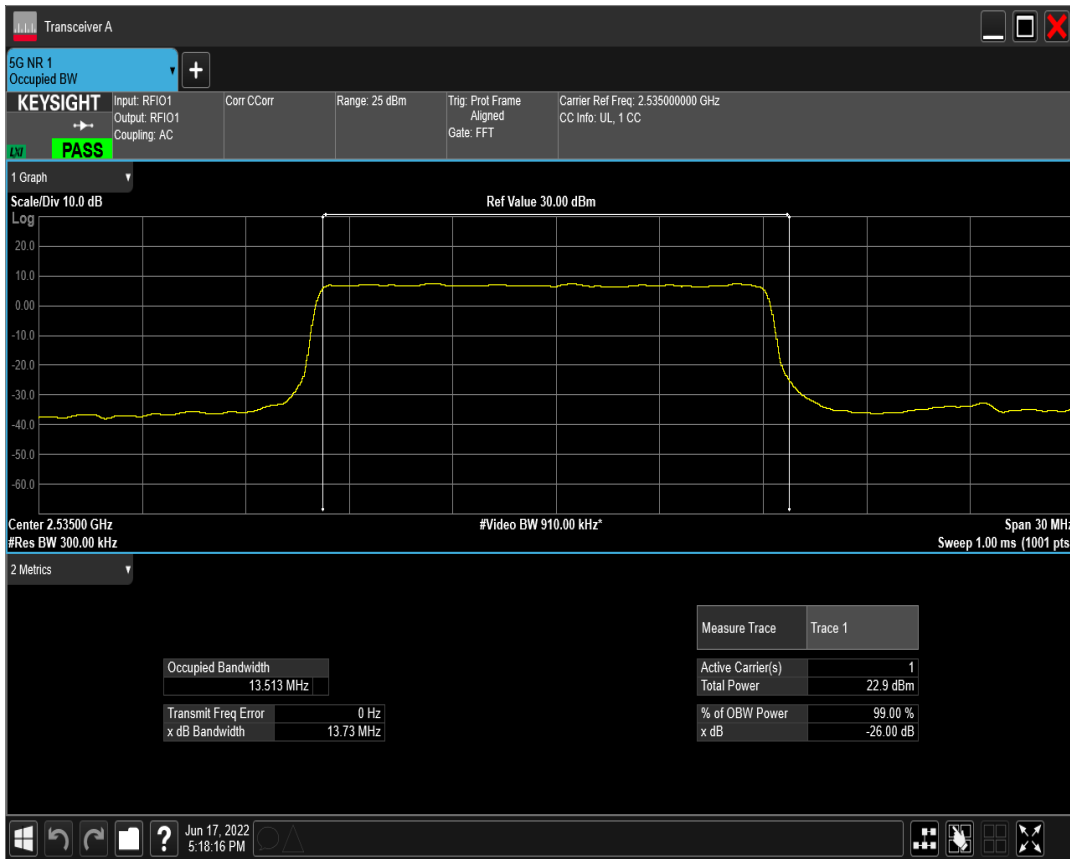
n7 SCS=30kHz DFT_QAM256 BW=15MHz Channel=501500 RB=36@0



n7 SCS=30kHz CP_QPSK BW=15MHz Channel=501500 RB=38@0



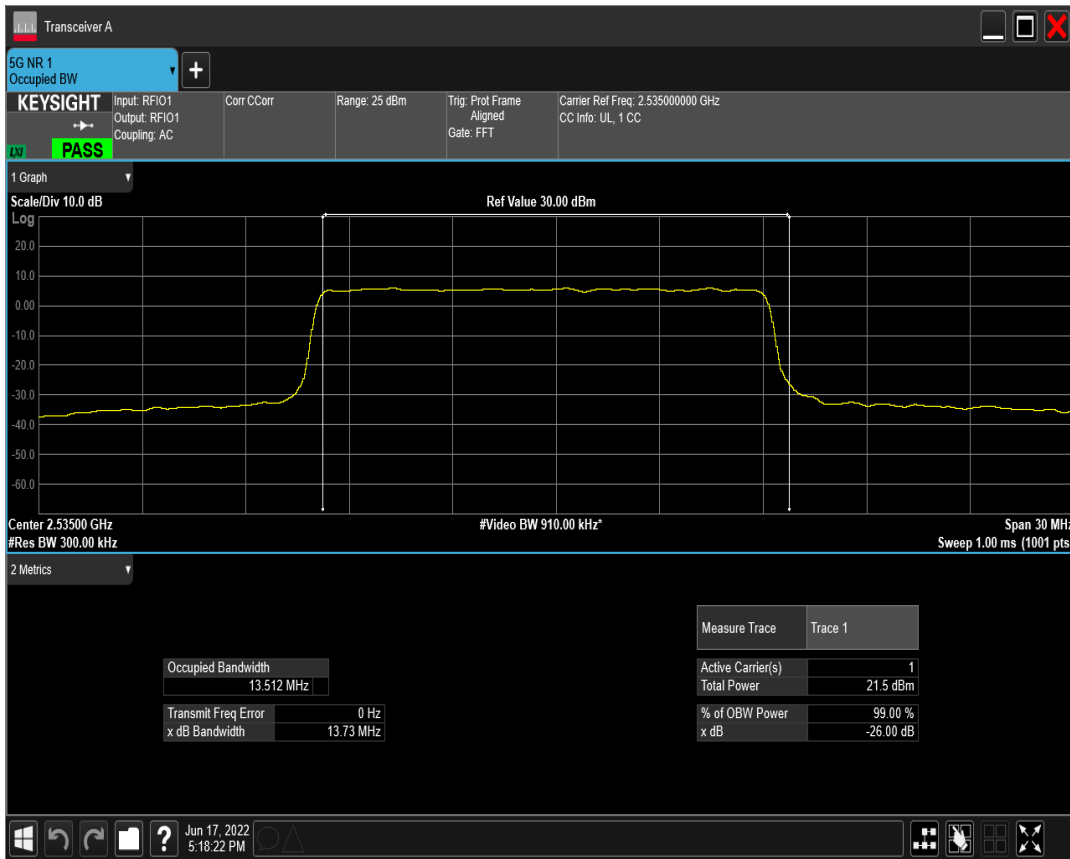
n7 SCS=30kHz DFT_BPSK BW=15MHz Channel=507000 RB=36@0



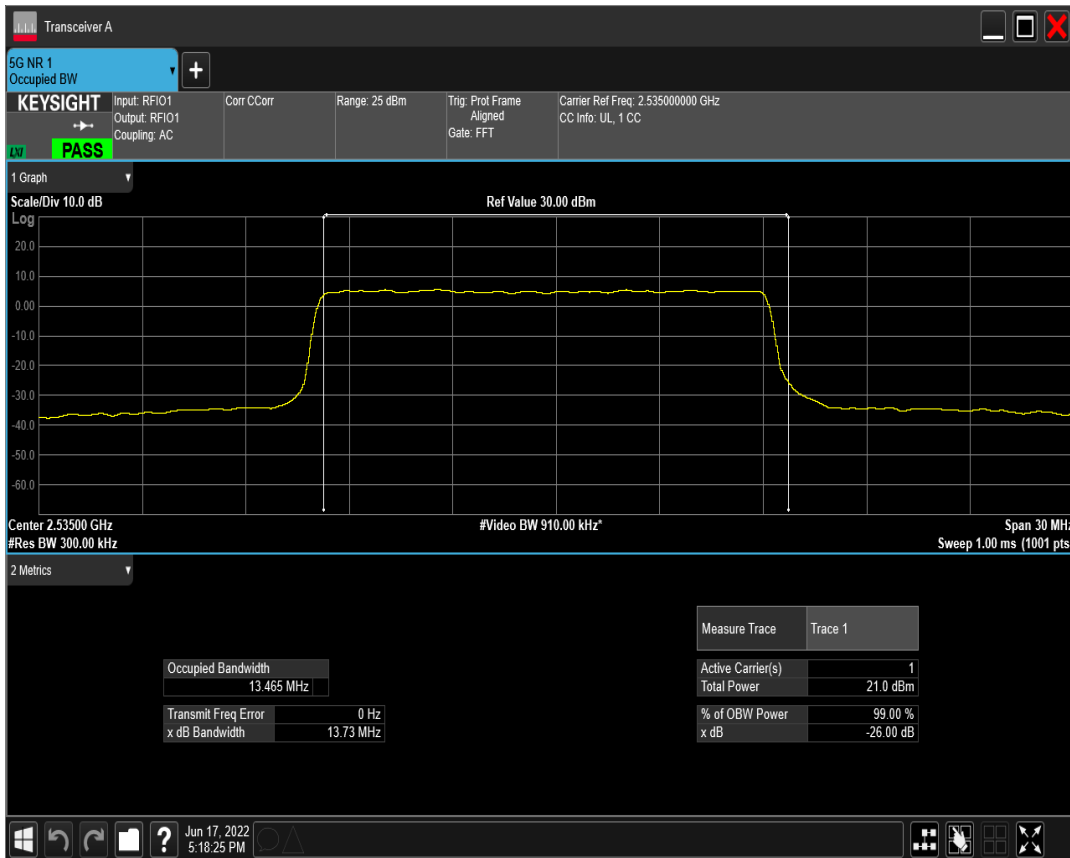
n7 SCS=30kHz DFT_QPSK BW=15MHz Channel=507000 RB=36@0



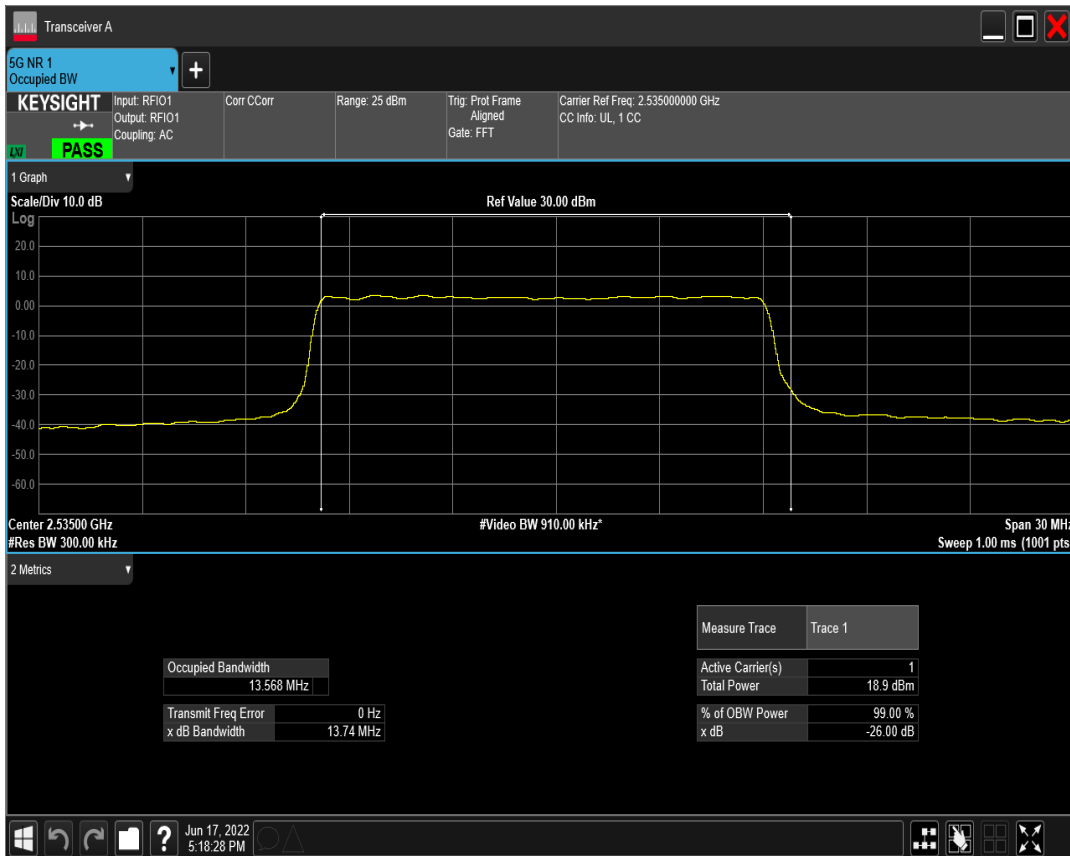
n7 SCS=30kHz DFT_QAM16 BW=15MHz Channel=507000 RB=36@0



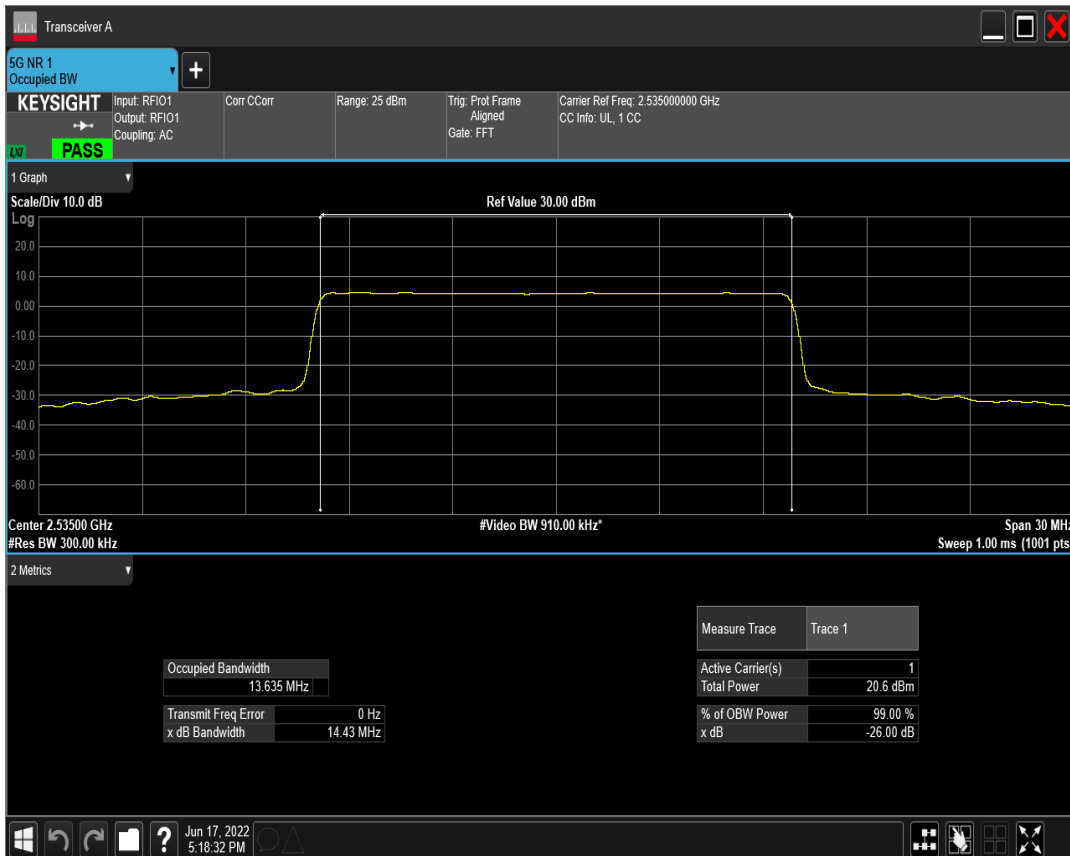
n7 SCS=30kHz DFT_QAM64 BW=15MHz Channel=507000 RB=36@0



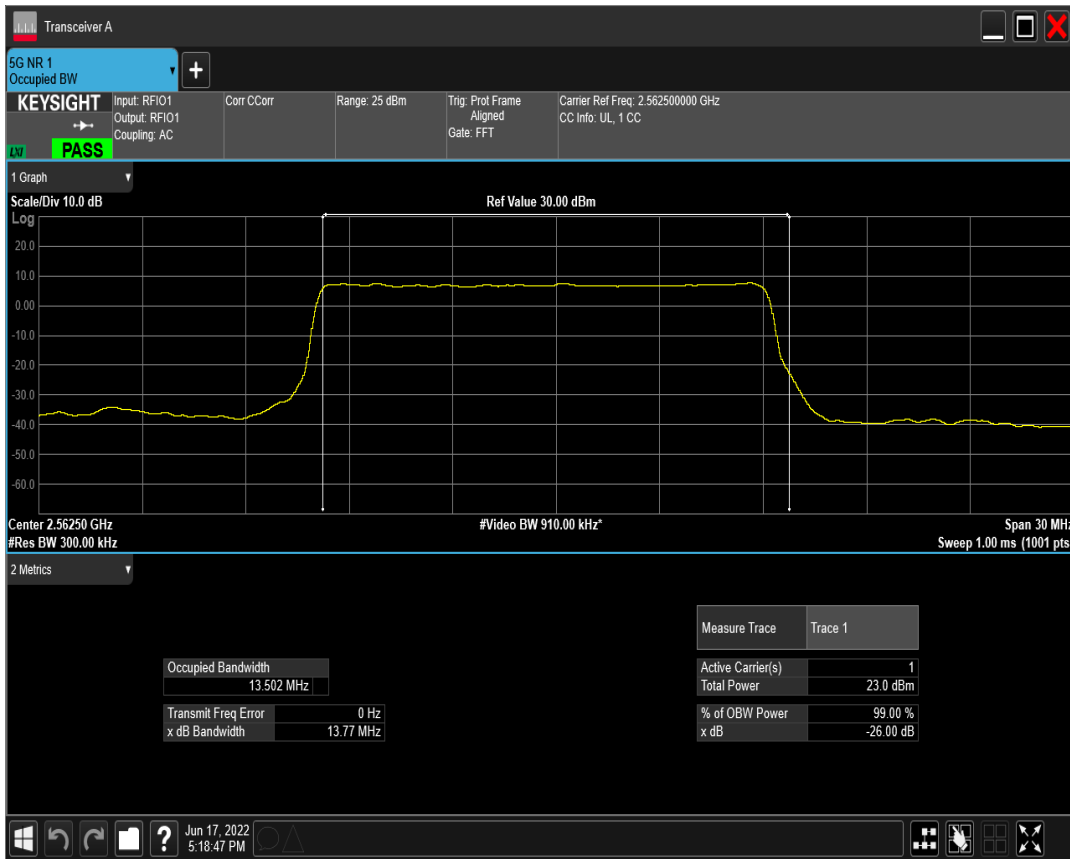
n7 SCS=30kHz DFT_QAM256 BW=15MHz Channel=507000 RB=36@0



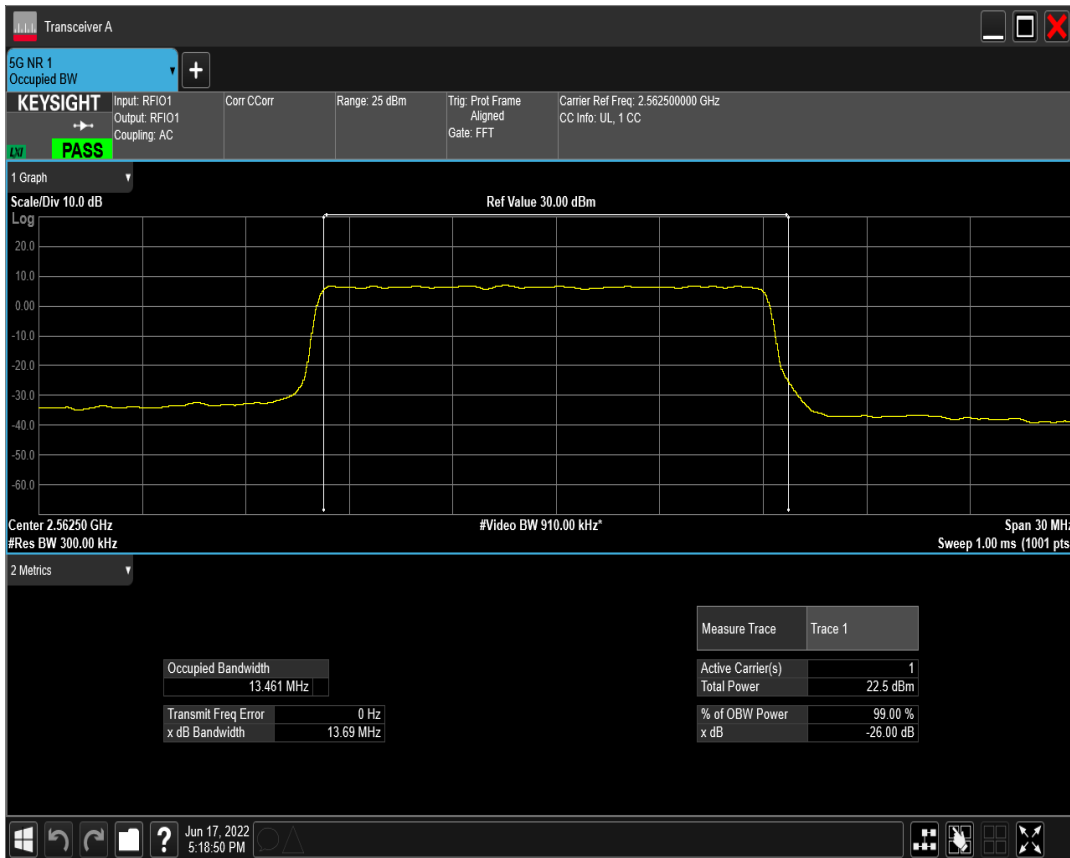
n7 SCS=30kHz CP_QPSK BW=15MHz Channel=507000 RB=38@0



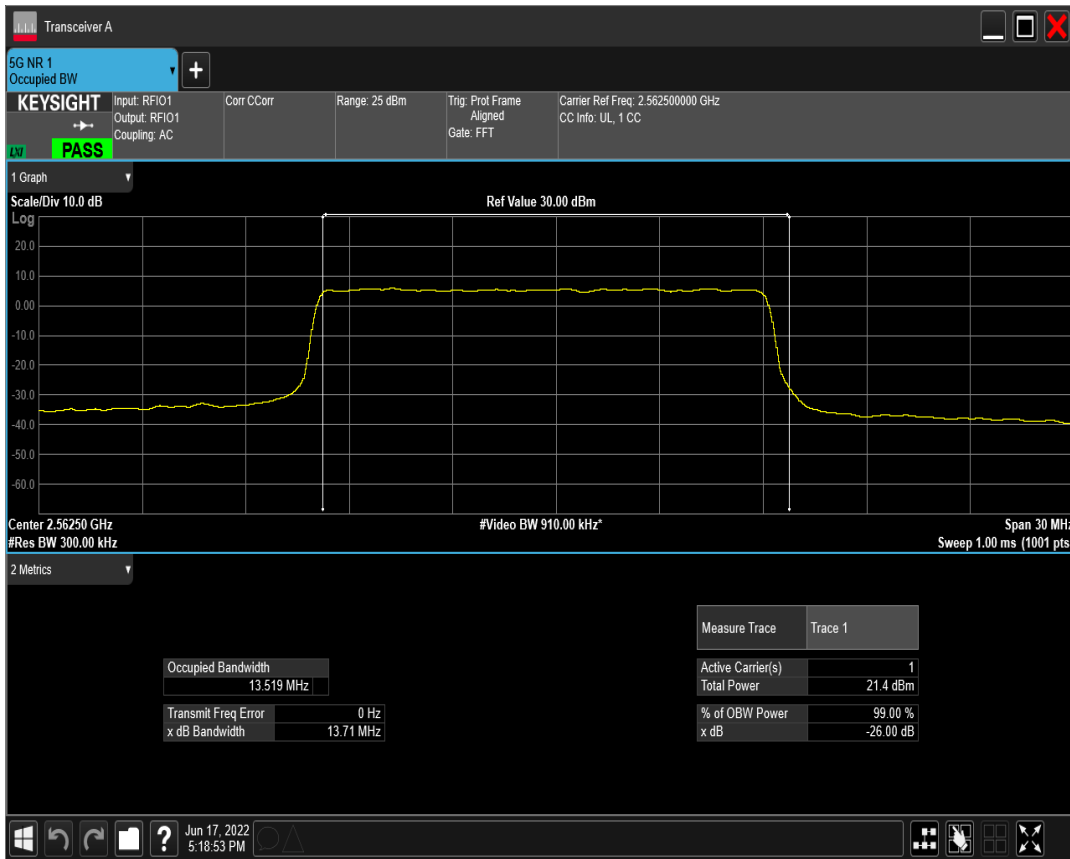
n7 SCS=30kHz DFT_BPSK BW=15MHz Channel=512500 RB=36@0



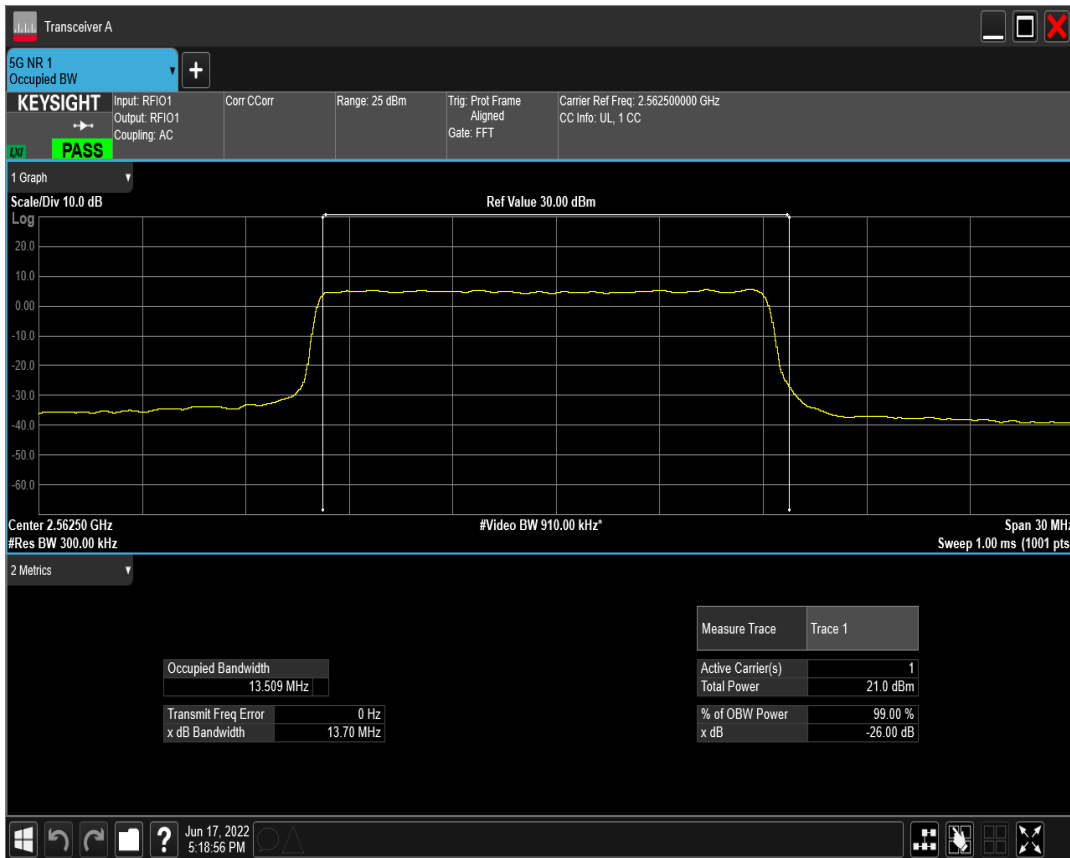
n7 SCS=30kHz DFT_QPSK BW=15MHz Channel=512500 RB=36@0



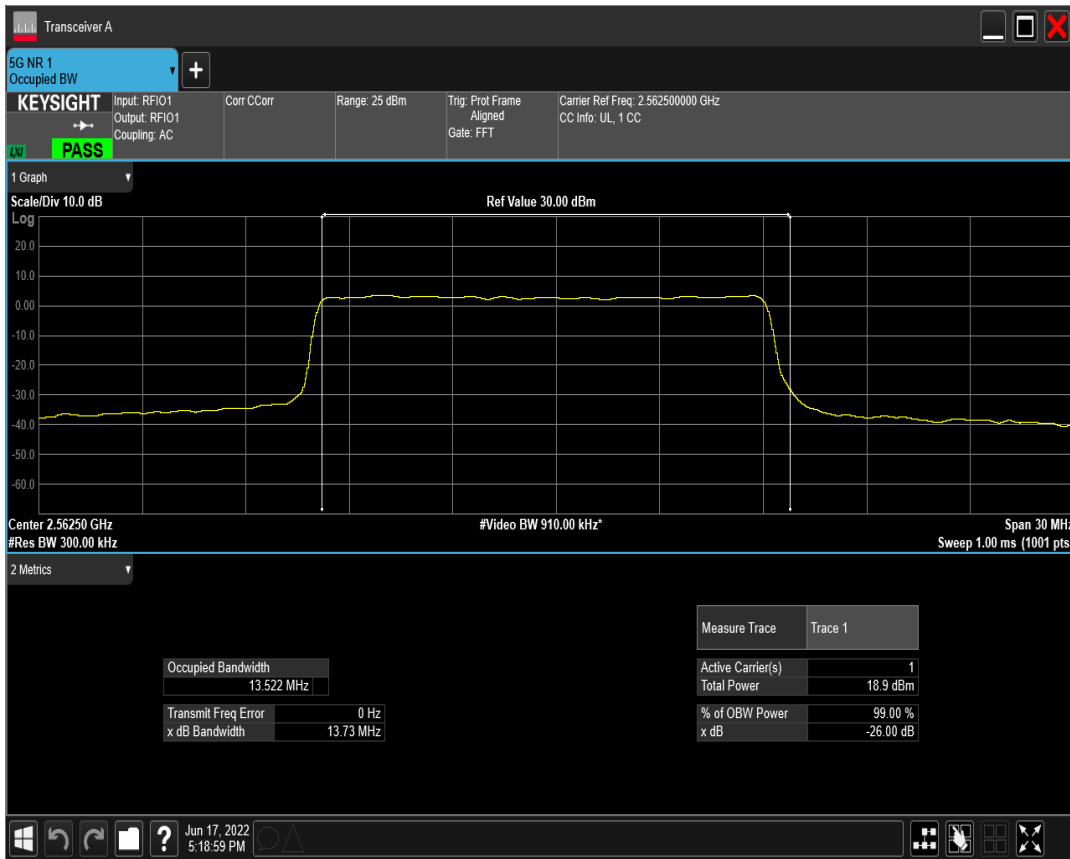
n7 SCS=30kHz DFT_QAM16 BW=15MHz Channel=512500 RB=36@0



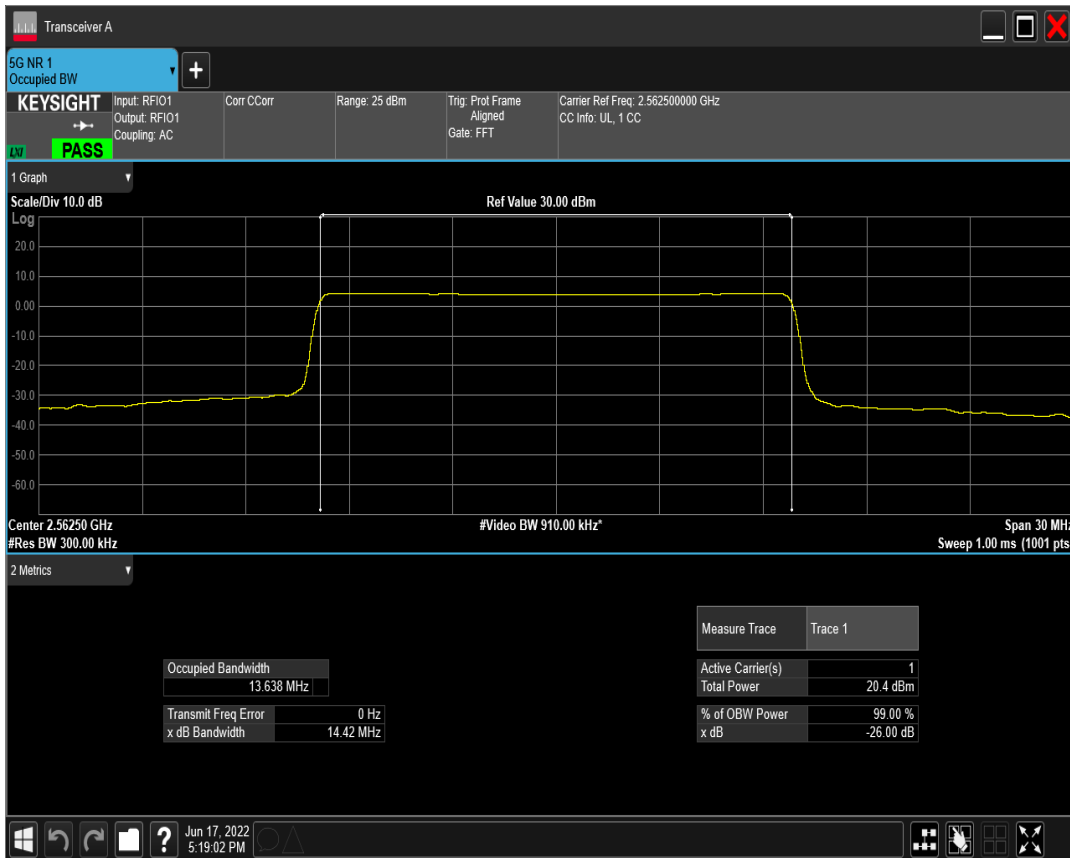
n7 SCS=30kHz DFT_QAM64 BW=15MHz Channel=512500 RB=36@0



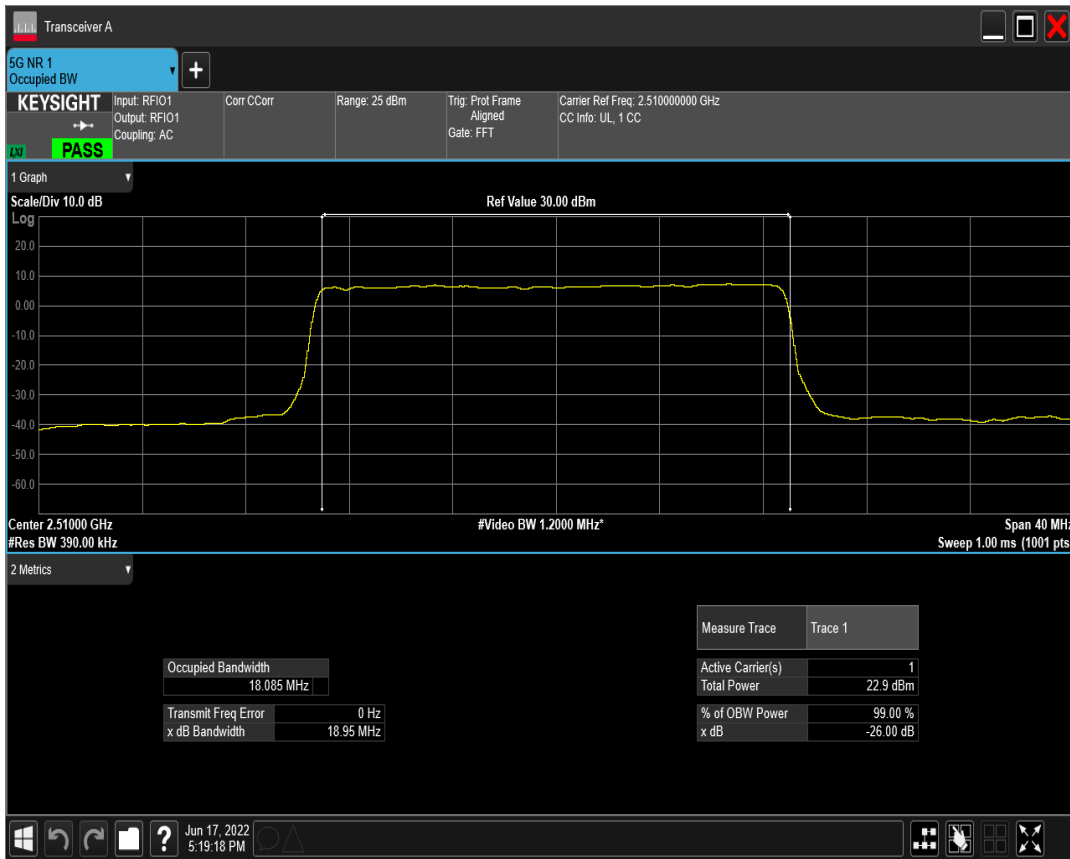
n7 SCS=30kHz DFT_QAM256 BW=15MHz Channel=512500 RB=36@0



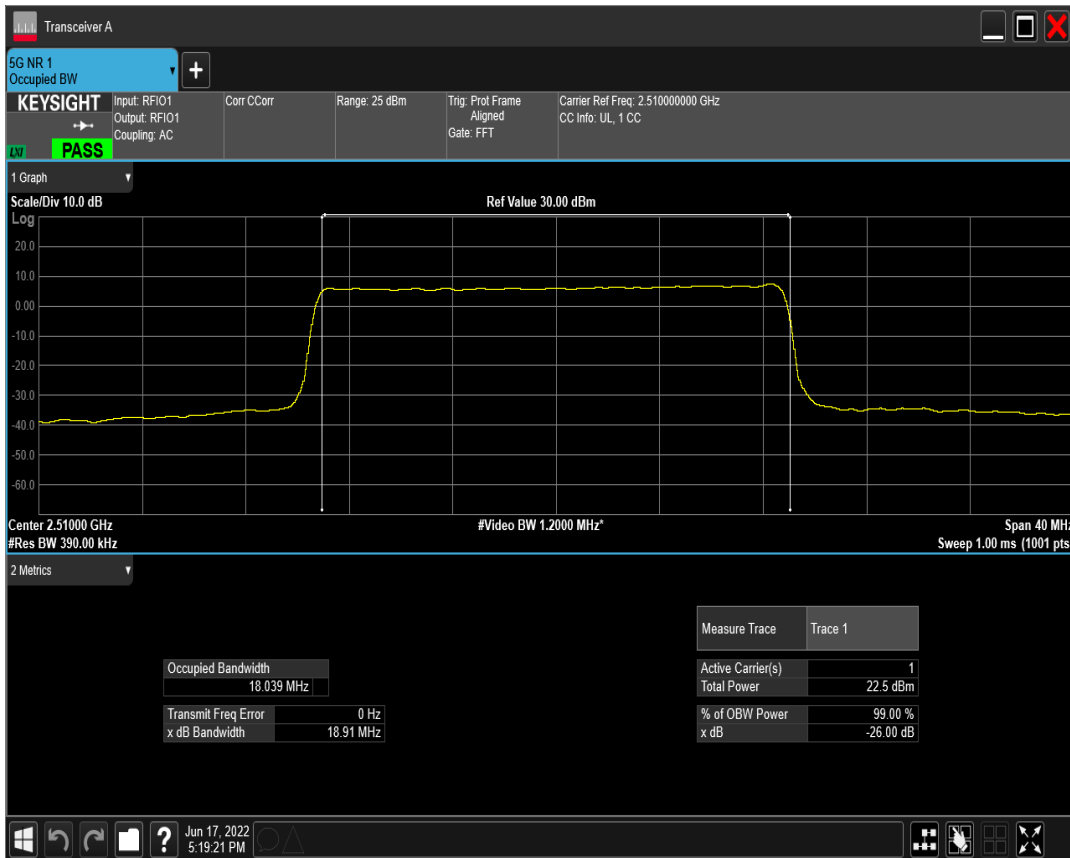
n7 SCS=30kHz CP_QPSK BW=15MHz Channel=512500 RB=38@0



n7 SCS=30kHz DFT_BPSK BW=20MHz Channel=502000 RB=50@0



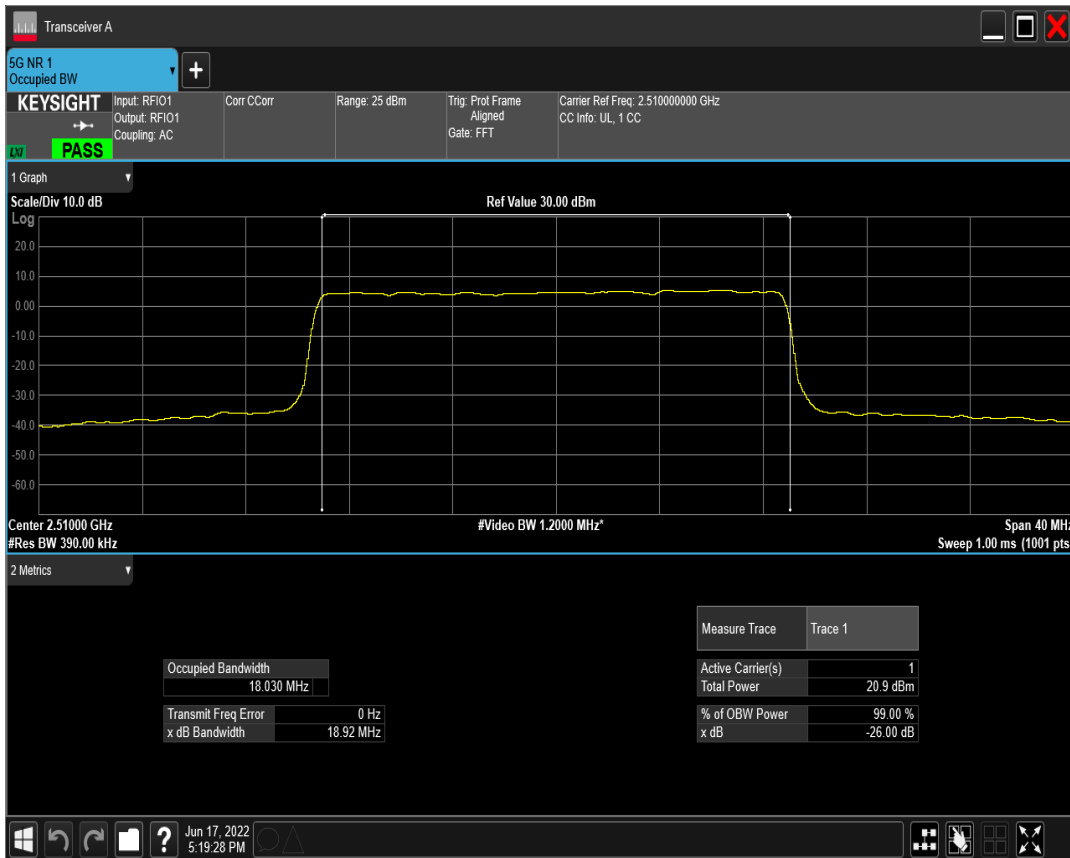
n7 SCS=30kHz DFT_QPSK BW=20MHz Channel=502000 RB=50@0



n7 SCS=30kHz DFT_QAM16 BW=20MHz Channel=502000 RB=50 @0



n7 SCS=30kHz DFT_QAM64 BW=20MHz Channel=502000 RB=50 @0



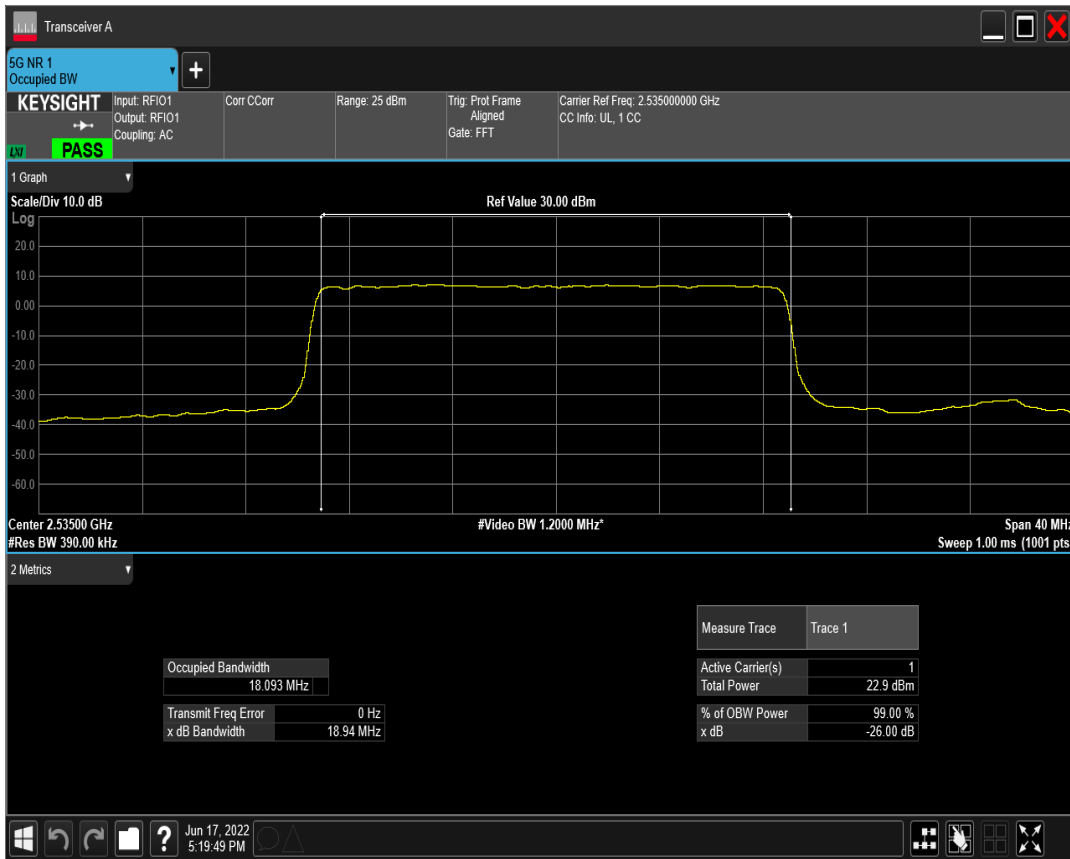
n7 SCS=30kHz DFT_QAM256 BW=20MHz Channel=502000 RB=50@0



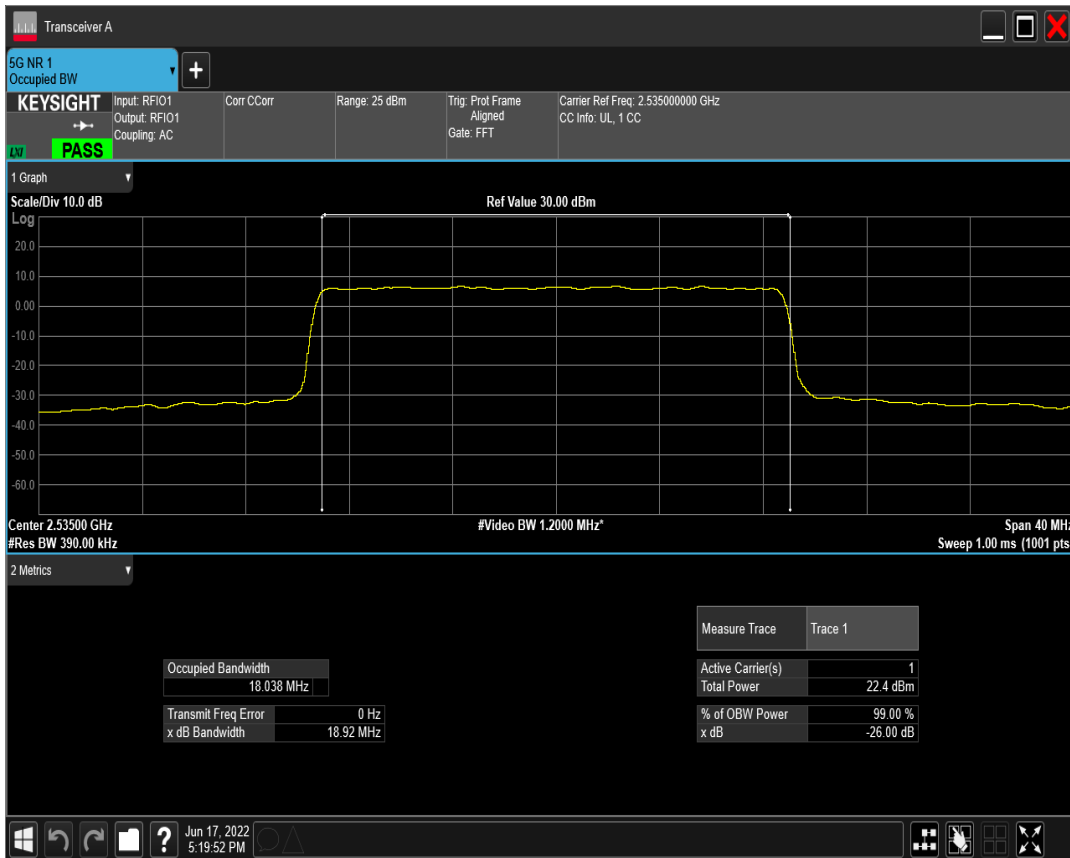
n7 SCS=30kHz CP_QPSK BW=20MHz Channel=502000 RB=51@0



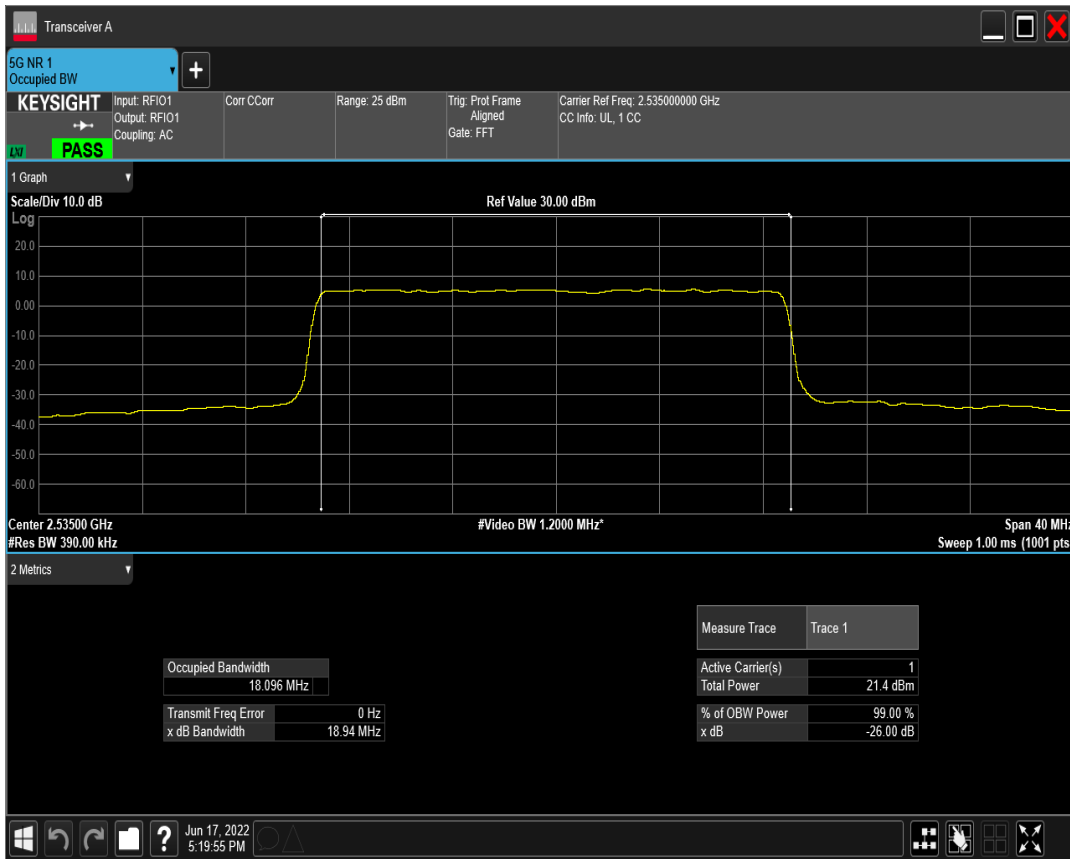
n7 SCS=30kHz DFT_BPSK BW=20MHz Channel=507000 RB=50@0



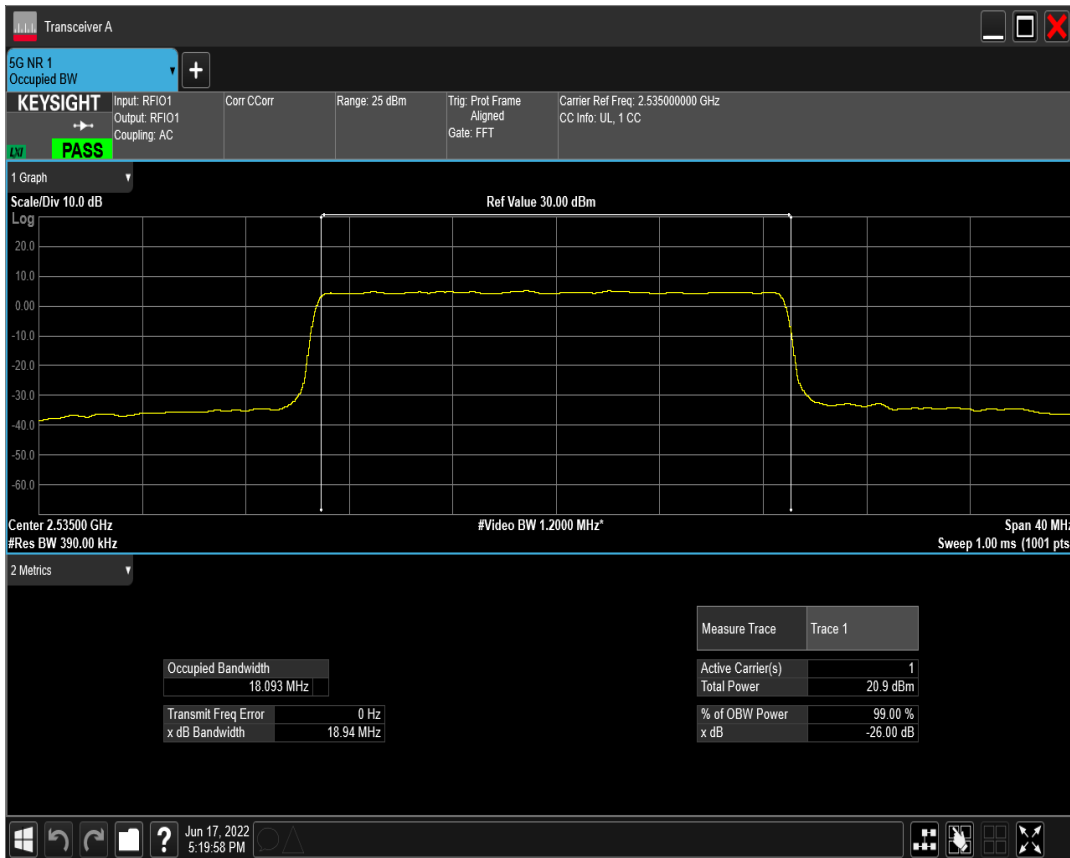
n7 SCS=30kHz DFT_QPSK BW=20MHz Channel=507000 RB=50@0



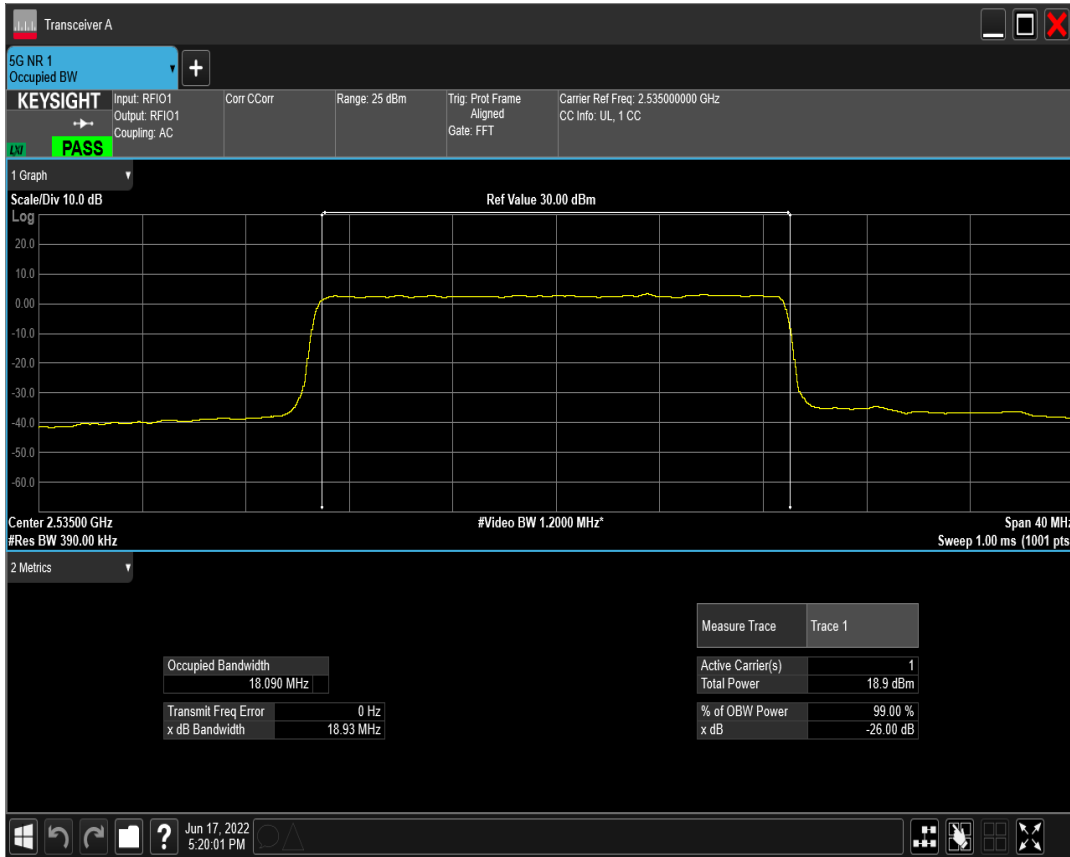
n7 SCS=30kHz DFT_QAM16 BW=20MHz Channel=507000 RB=50@0



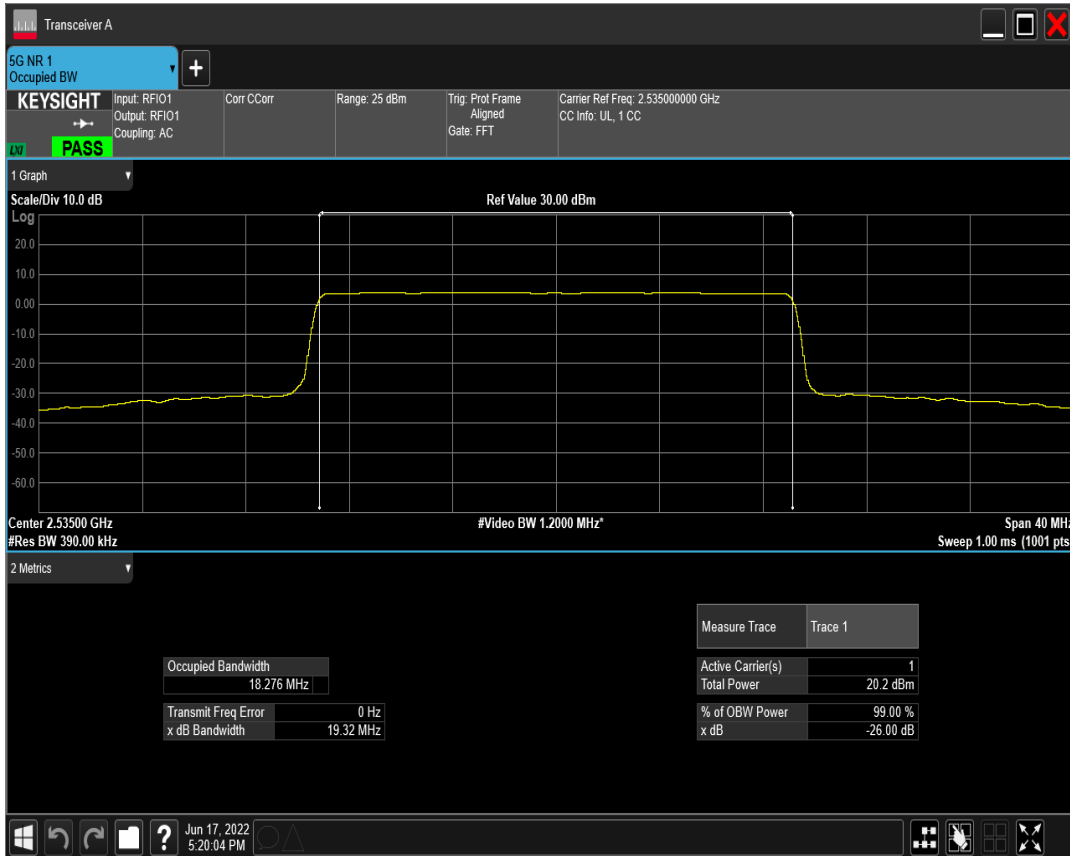
n7 SCS=30kHz DFT_QAM64 BW=20MHz Channel=507000 RB=50@0



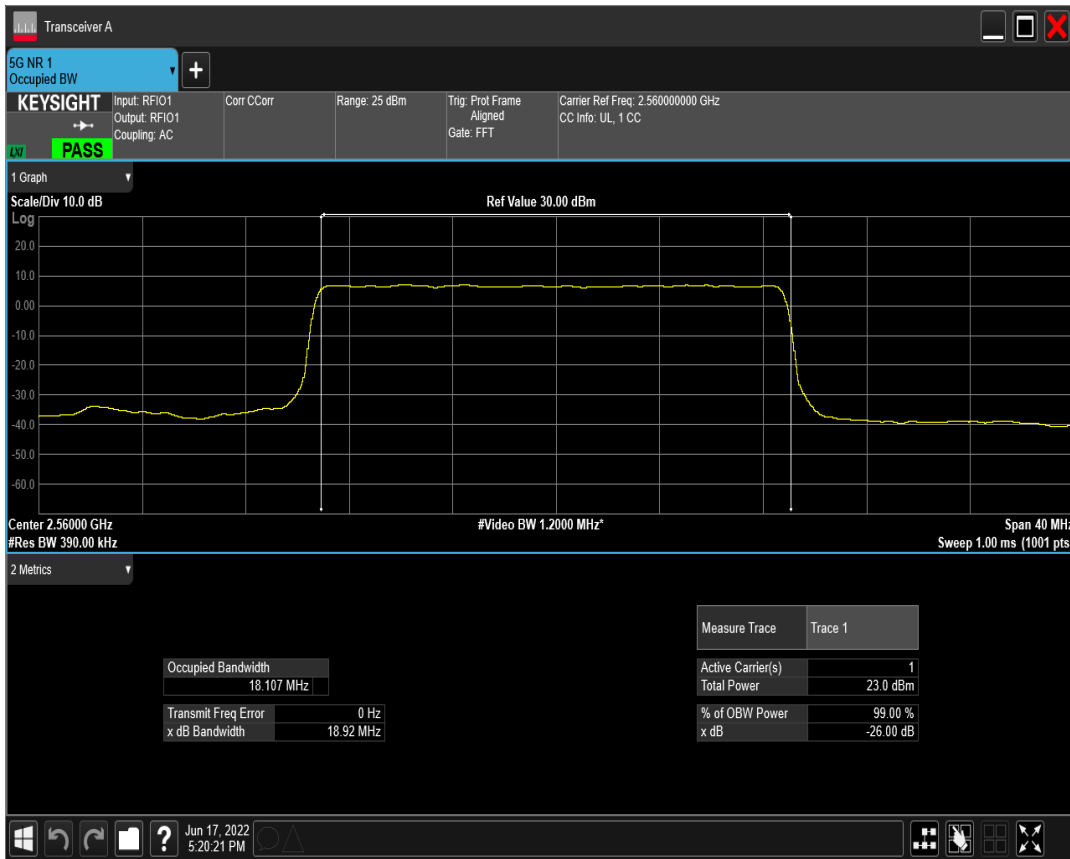
n7 SCS=30kHz DFT_QAM256 BW=20MHz Channel=507000 RB=50@0



n7 SCS=30kHz CP_QPSK BW=20MHz Channel=507000 RB=51@0



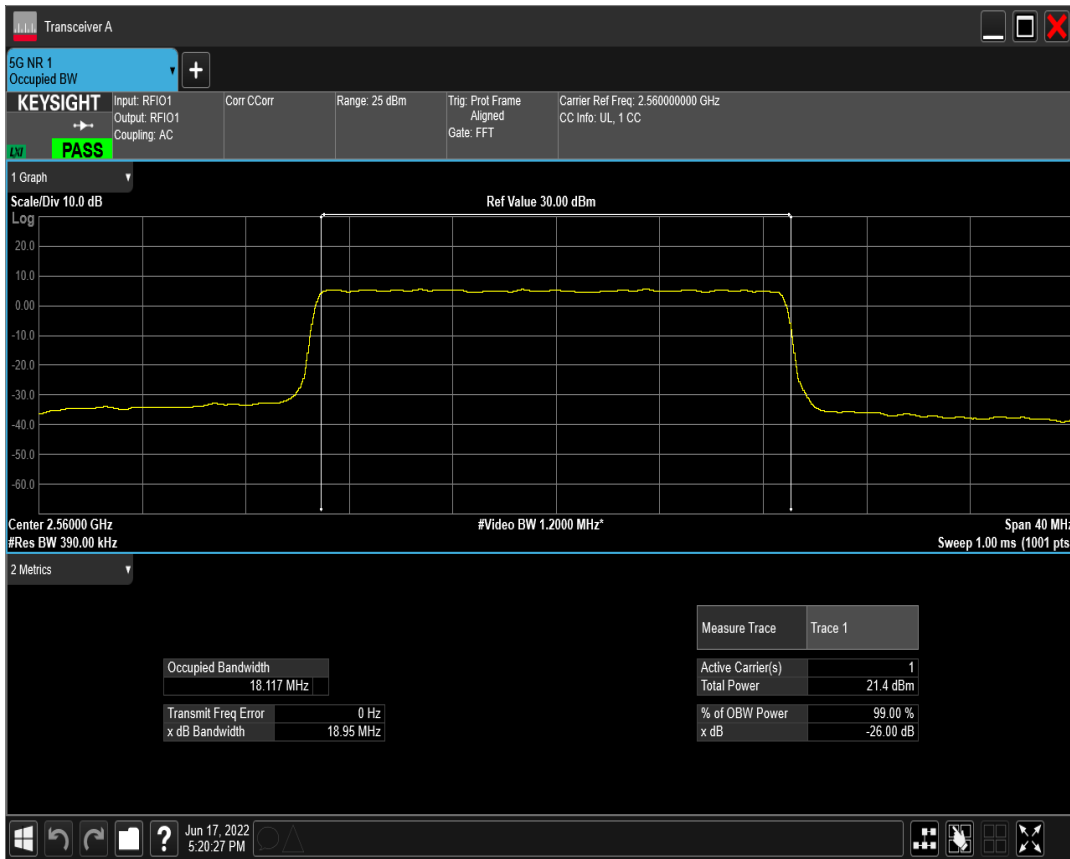
n7 SCS=30kHz DFT_BPSK BW=20MHz Channel=512000 RB=50@0



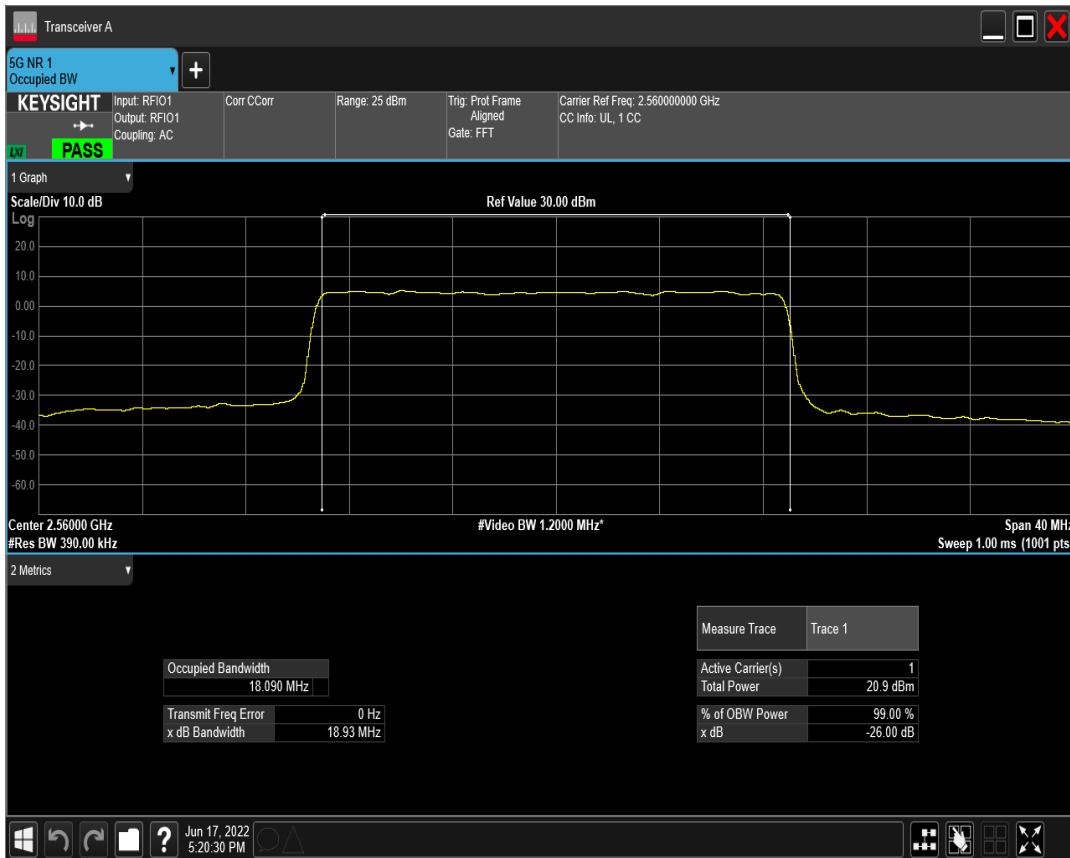
n7 SCS=30kHz DFT_QPSK BW=20MHz Channel=512000 RB=50@0



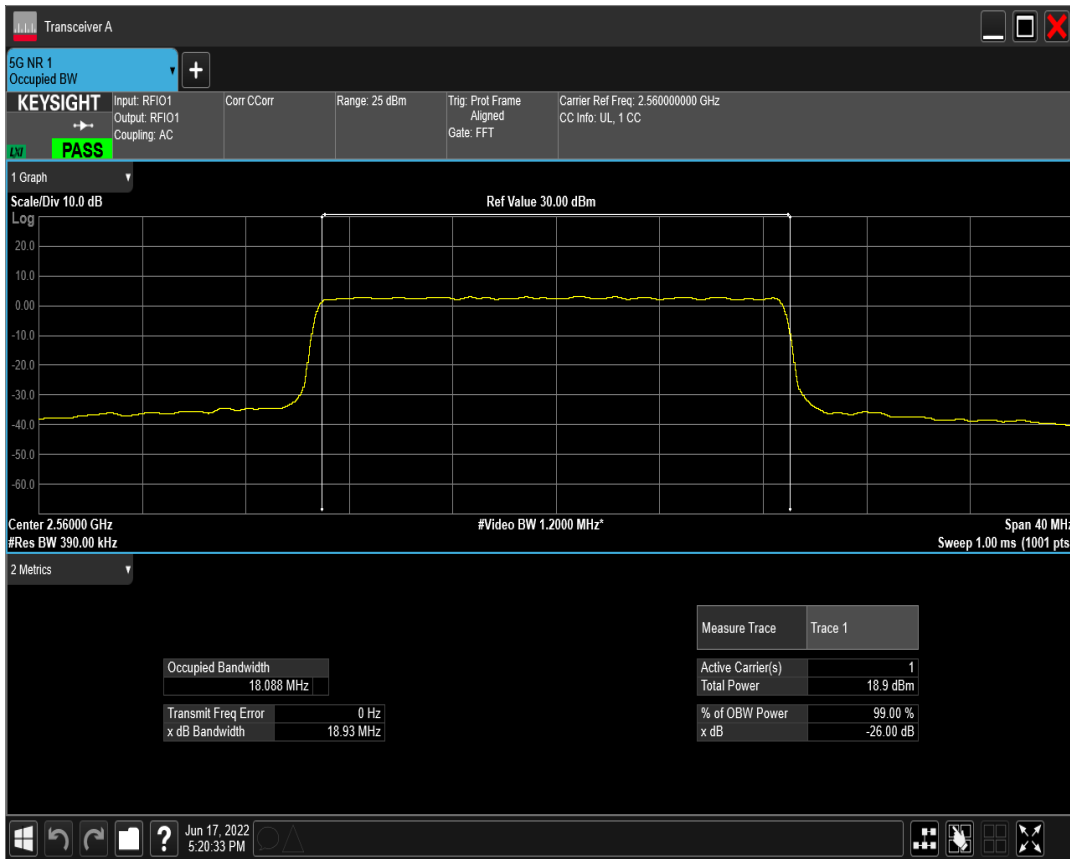
n7 SCS=30kHz DFT_QAM16 BW=20MHz Channel=512000 RB=50 @0



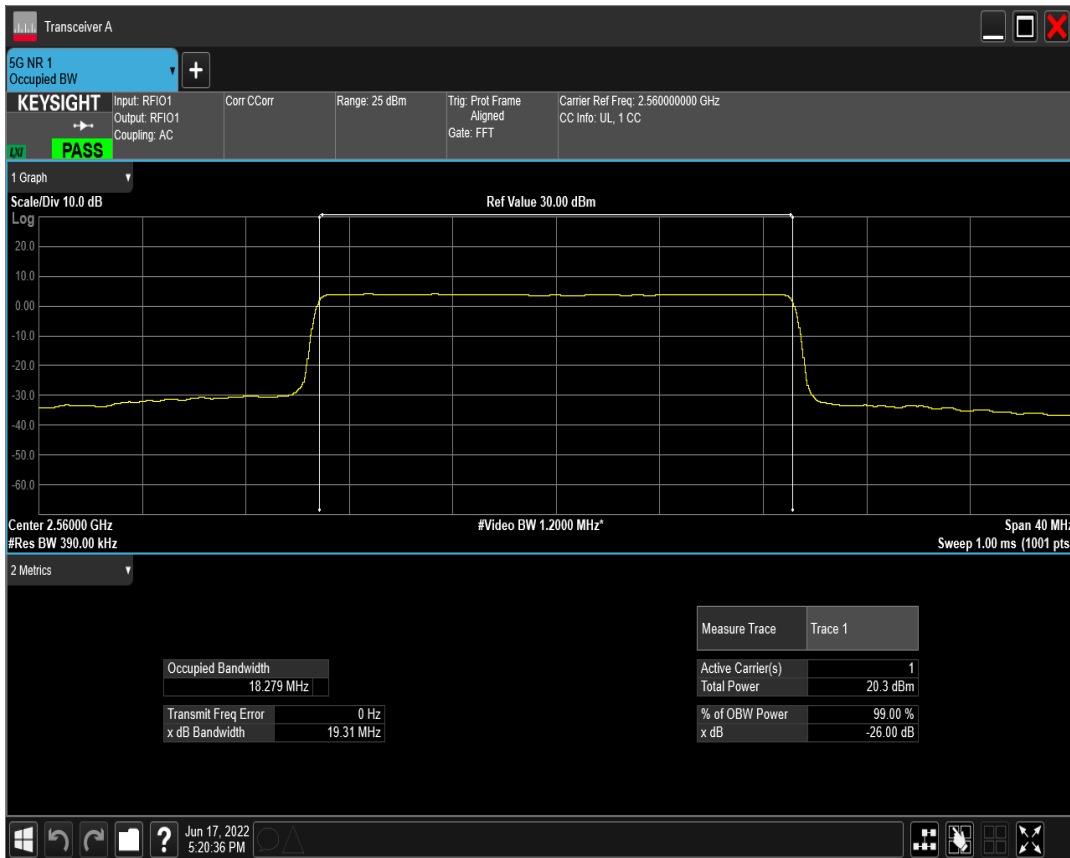
n7 SCS=30kHz DFT_QAM64 BW=20MHz Channel=512000 RB=50 @0



n7 SCS=30kHz DFT_QAM256 BW=20MHz Channel=512000 RB=50@0



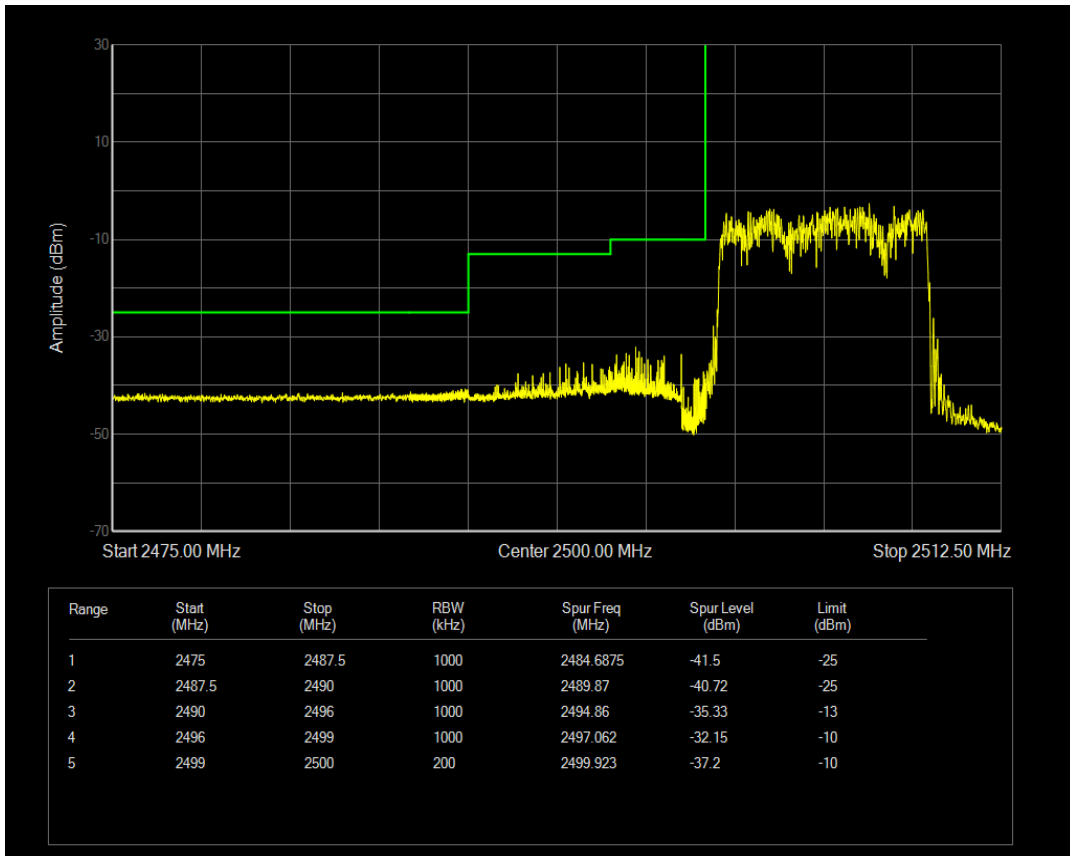
n7 SCS=30kHz CP_QPSK BW=20MHz Channel=512000 RB=51@0



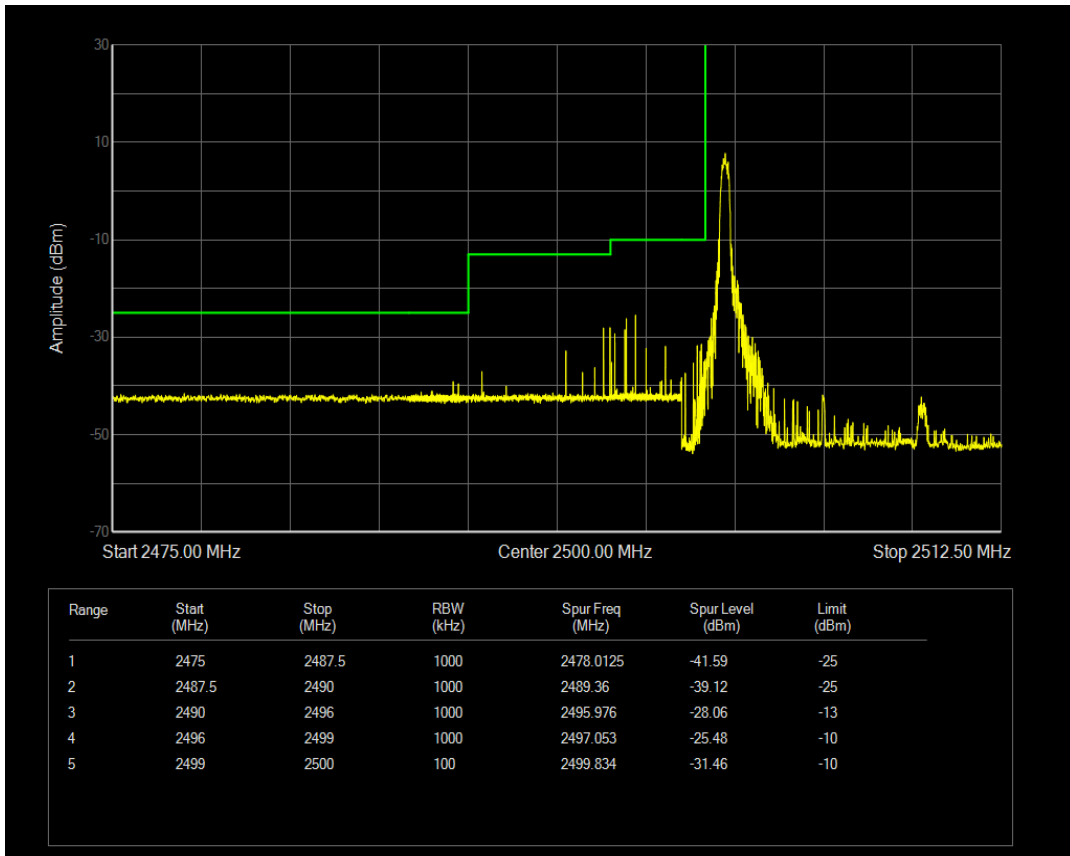
5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n7	30	10	501000	24@0	DFT_QPSK	2489.87	-40.72	-25	PASS
n7	30	10	501000	1@0	DFT_QPSK	2489.36	-39.12	-25	PASS
n7	30	10	513000	24@0	DFT_QPSK	2580.00	-40.13	-25	PASS
n7	30	10	513000	1@23	DFT_QPSK	2571.24	-19.88	-10	PASS
n7	30	20	502000	50@0	DFT_QPSK	2475.00	-41.28	-25	PASS
n7	30	20	502000	1@0	DFT_QPSK	2498.12	-23.85	-10	PASS
n7	30	20	512000	50@0	DFT_QPSK	2592.92	-41.26	-25	PASS
n7	30	20	512000	1@50	DFT_QPSK	2571.09	-21.46	-10	PASS

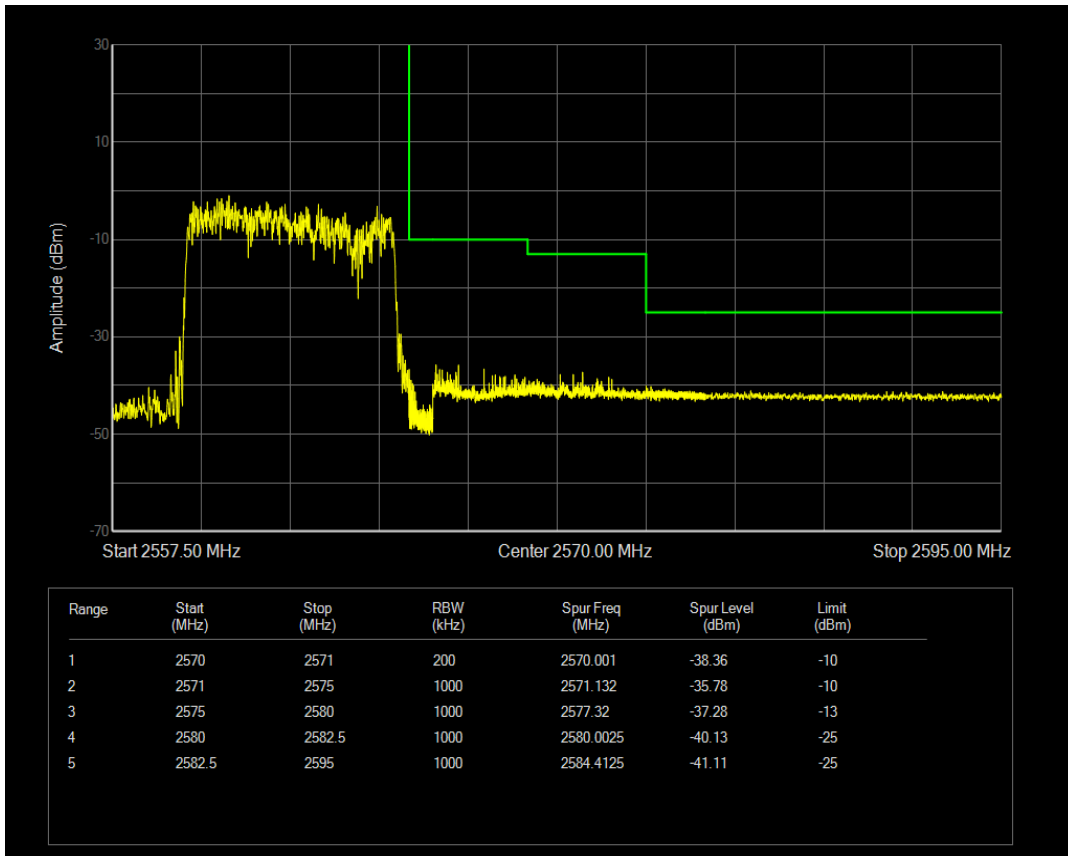
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=501000 RB=24@0



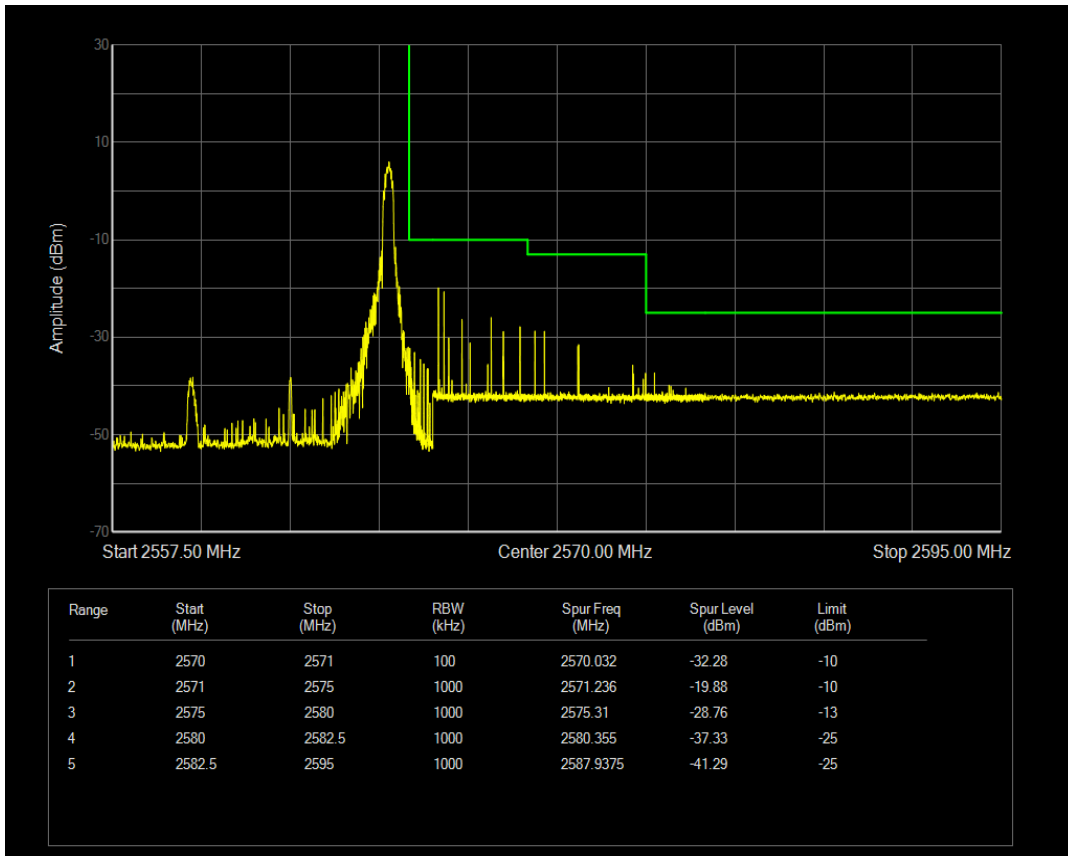
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=501000 RB=1@0



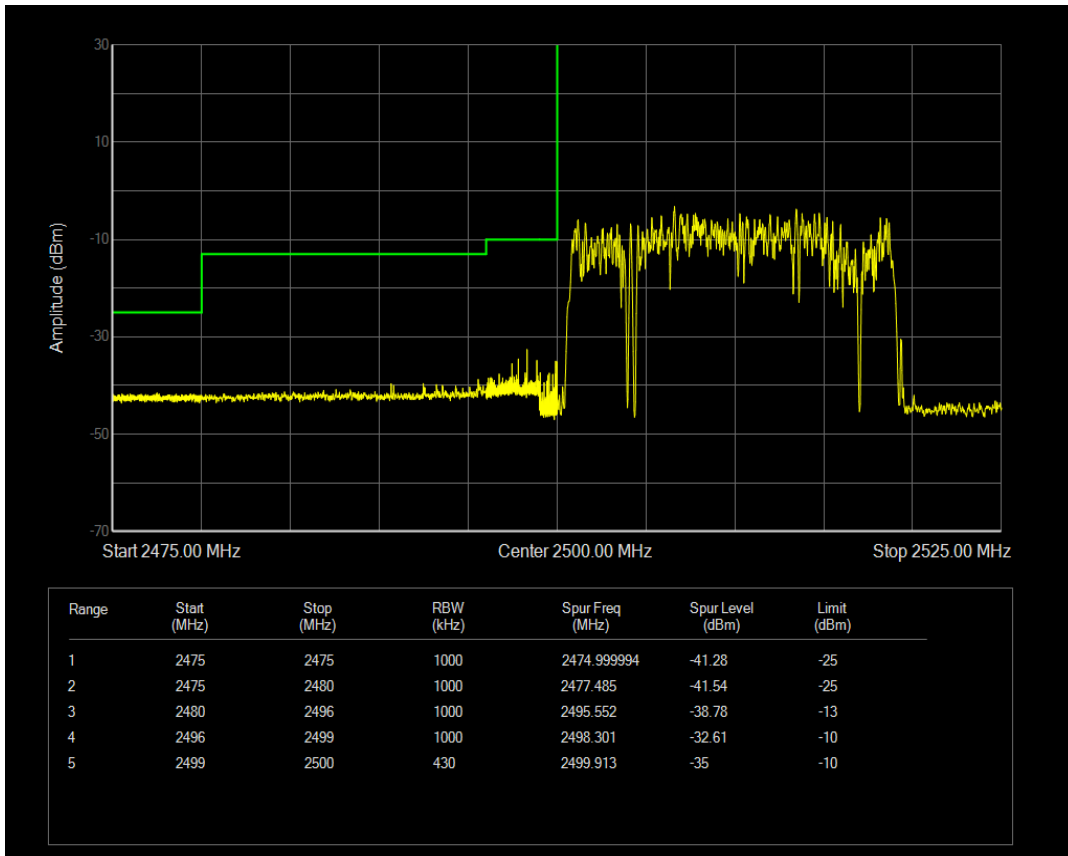
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=513000 RB=24@0



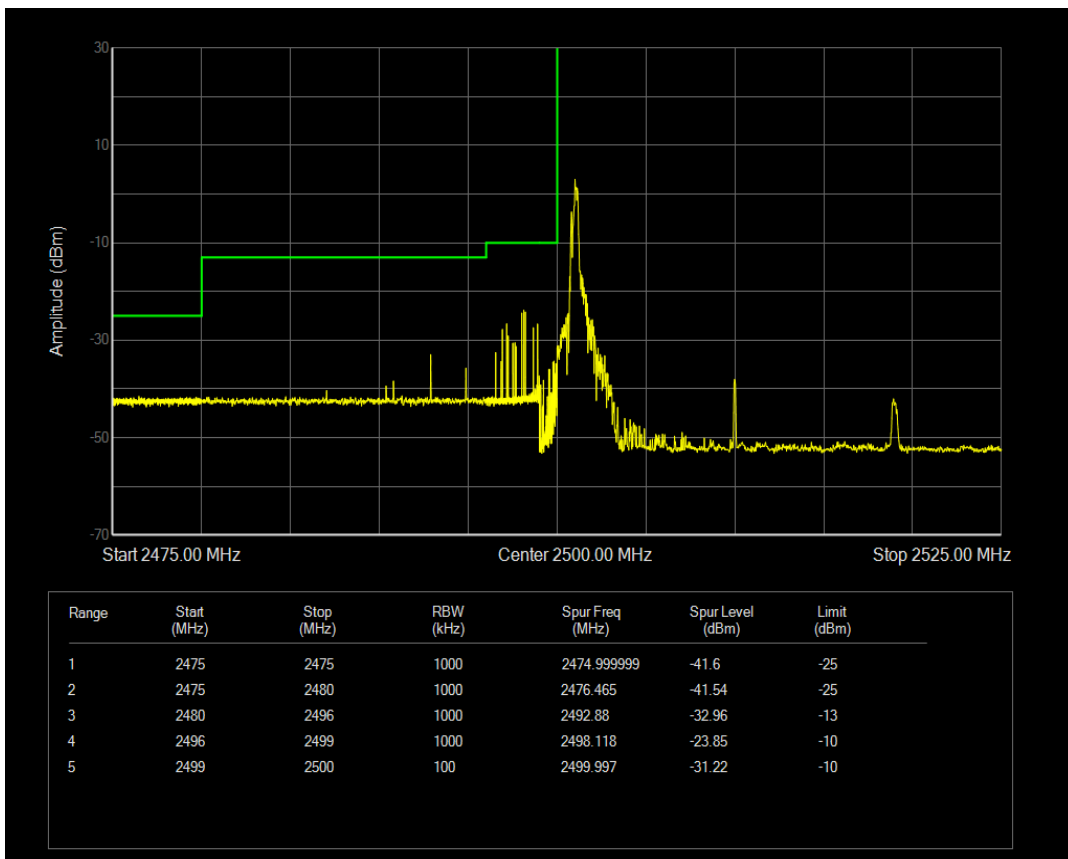
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=513000 RB=1@23



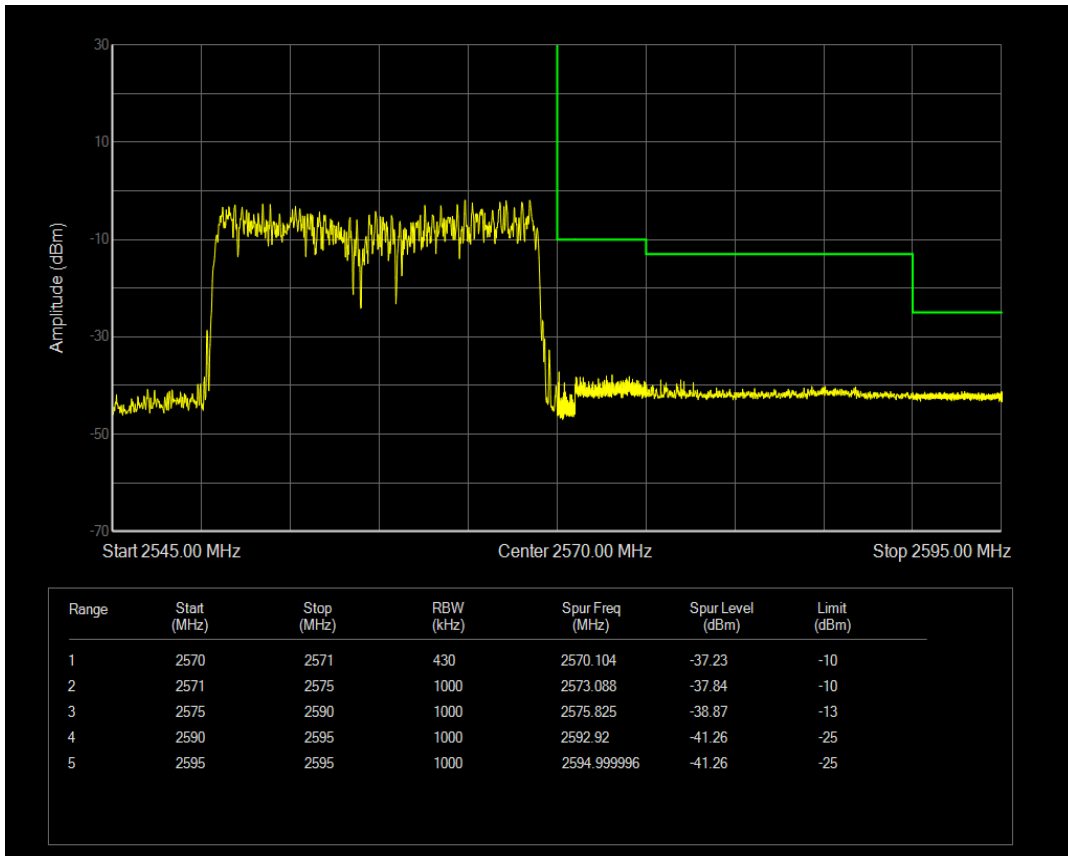
n7 SCS=30kHz DFT_QPSK BW=20MHz Channel=502000 RB=50@0



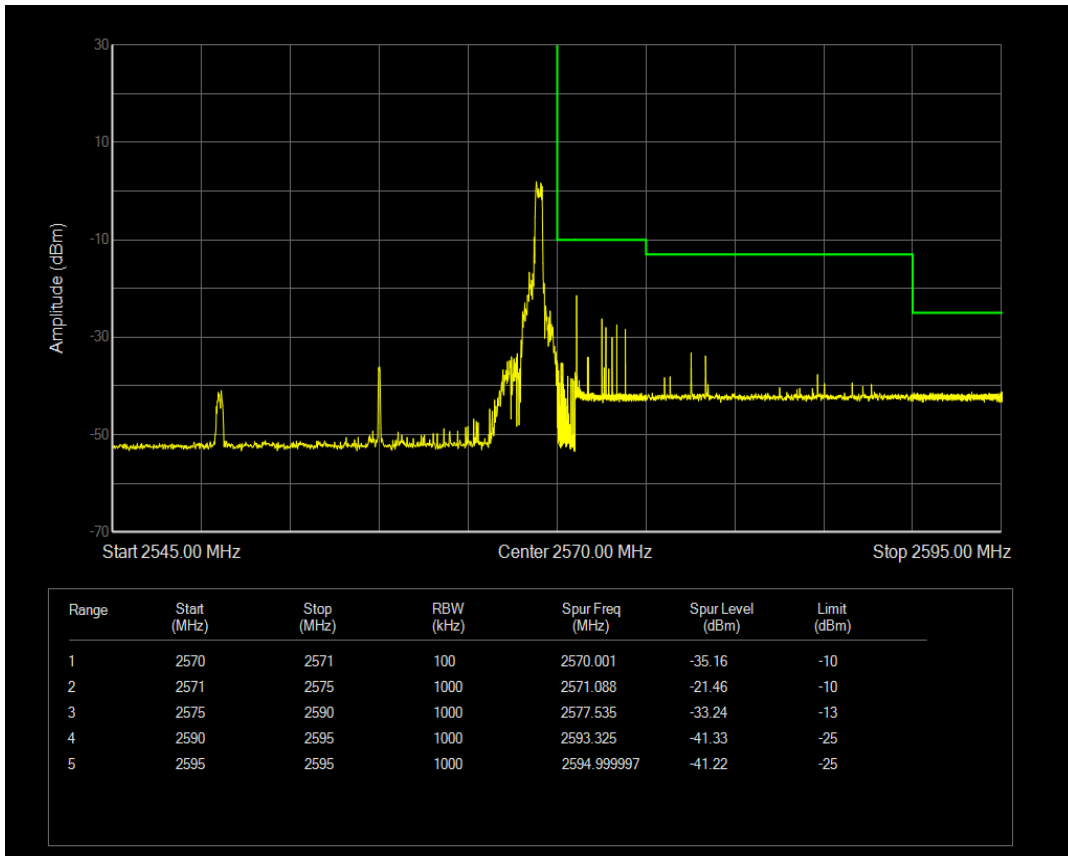
n7 SCS=30kHz DFT_QPSK BW=20MHz Channel=502000 RB=1@0



n7 SCS=30kHz DFT_QPSK BW=20MHz Channel=512000 RB=50@0



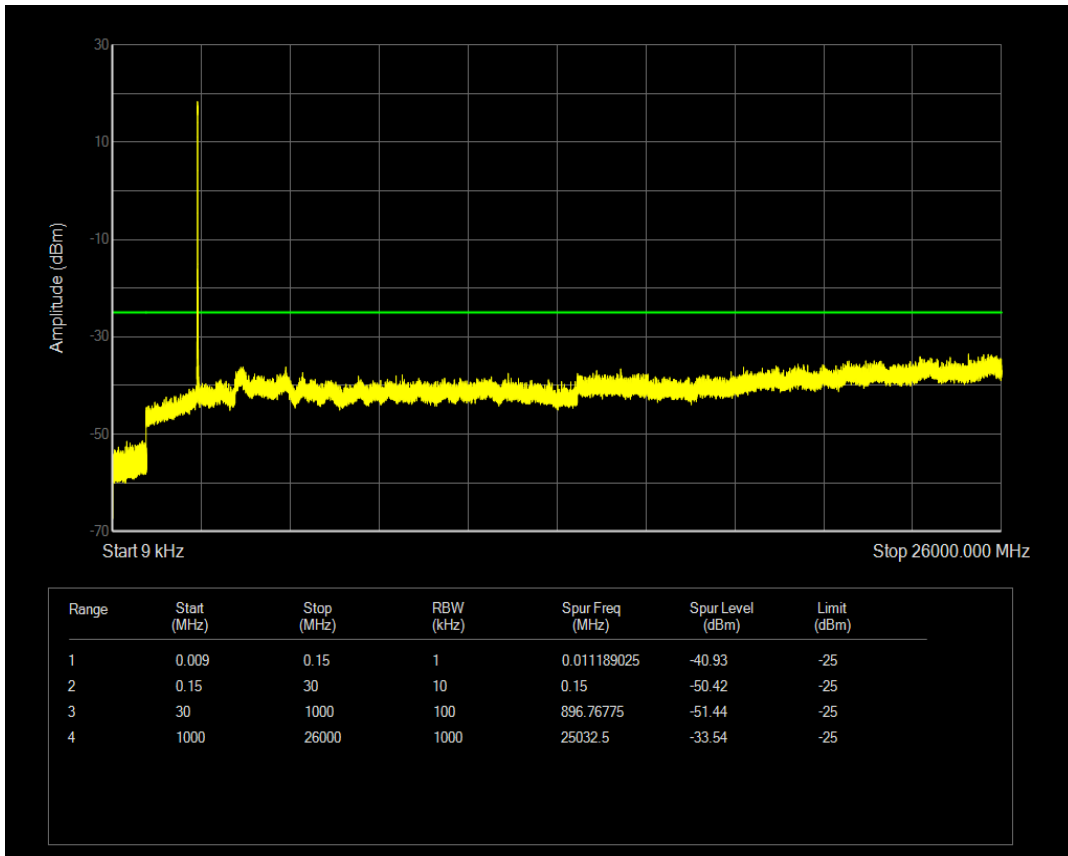
n7 SCS=30kHz DFT_QPSK BW=20MHz Channel=512000 RB=1@50



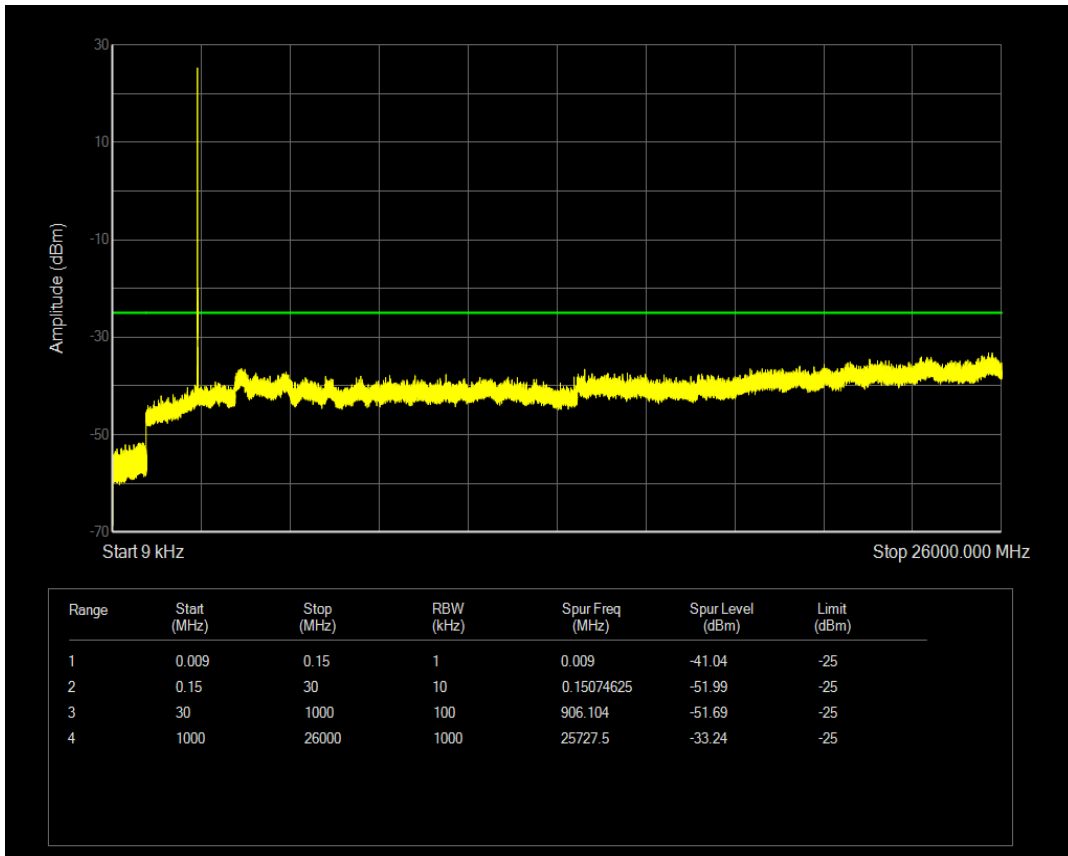
6 Out-of-band emissions for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n7	30	10	501000	24@0	DFT_QPSK	25032.50	-33.54	-25	PASS
n7	30	10	501000	1@0	DFT_QPSK	25727.50	-33.24	-25	PASS
n7	30	10	501000	1@23	DFT_QPSK	25569.38	-32.66	-25	PASS
n7	30	10	507000	24@0	DFT_QPSK	25456.25	-32.07	-25	PASS
n7	30	10	507000	1@0	DFT_QPSK	25780.63	-33.10	-25	PASS
n7	30	10	507000	1@23	DFT_QPSK	23852.50	-33.65	-25	PASS
n7	30	10	513000	24@0	DFT_QPSK	25843.13	-32.93	-25	PASS
n7	30	10	513000	1@0	DFT_QPSK	25758.13	-33.56	-25	PASS
n7	30	10	513000	1@23	DFT_QPSK	23681.88	-32.40	-25	PASS
n7	30	20	502000	50@0	DFT_QPSK	25215.00	-33.04	-25	PASS
n7	30	20	502000	1@0	DFT_QPSK	23885.63	-33.45	-25	PASS
n7	30	20	502000	1@50	DFT_QPSK	25699.38	-33.10	-25	PASS
n7	30	20	507000	50@0	DFT_QPSK	25730.00	-32.87	-25	PASS
n7	30	20	507000	1@0	DFT_QPSK	23682.50	-33.16	-25	PASS
n7	30	20	507000	1@50	DFT_QPSK	23850.63	-32.48	-25	PASS
n7	30	20	512000	50@0	DFT_QPSK	25690.63	-32.57	-25	PASS
n7	30	20	512000	1@0	DFT_QPSK	23963.13	-32.09	-25	PASS
n7	30	20	512000	1@50	DFT_QPSK	25508.13	-33.20	-25	PASS

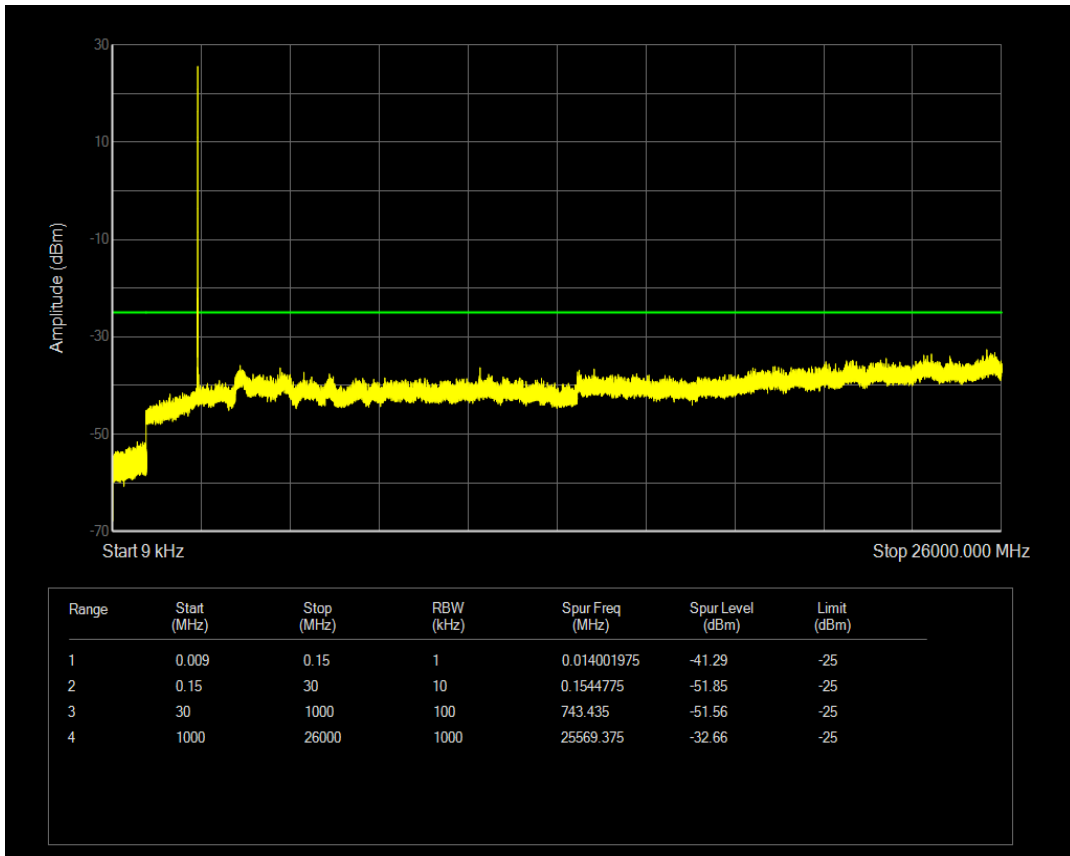
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=501000 RB=24@0



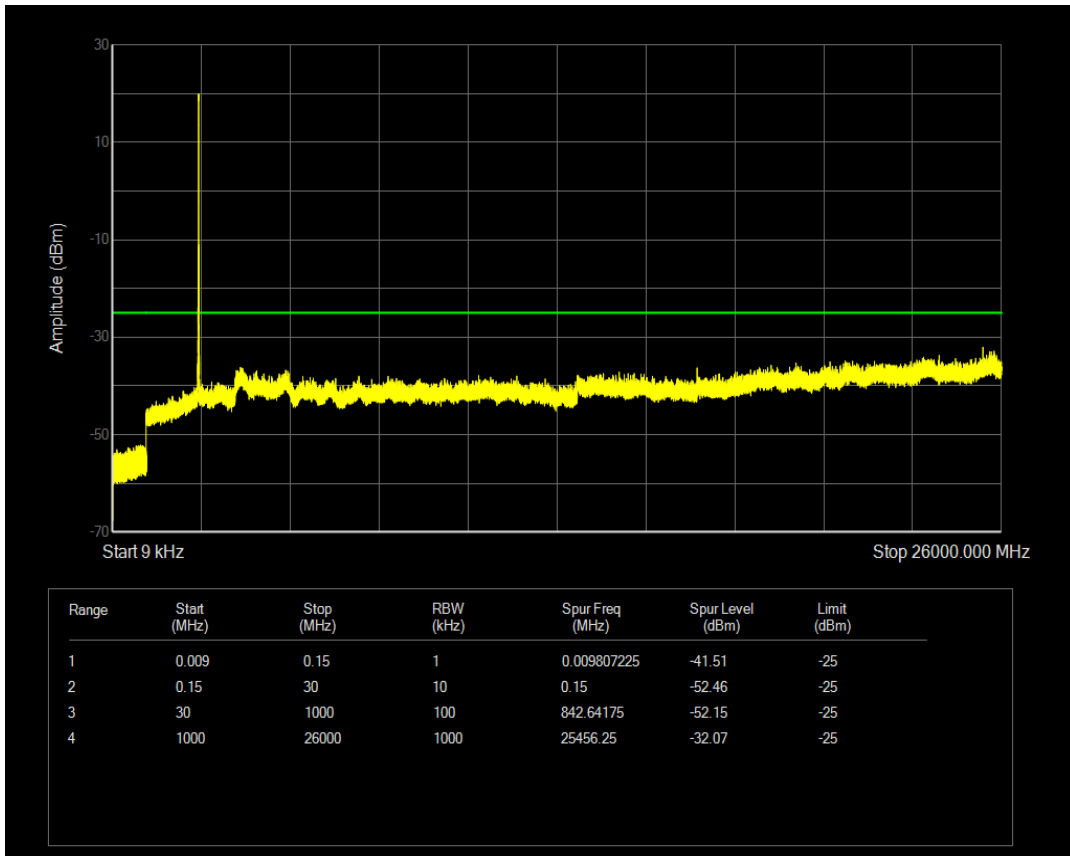
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=501000 RB=1@0



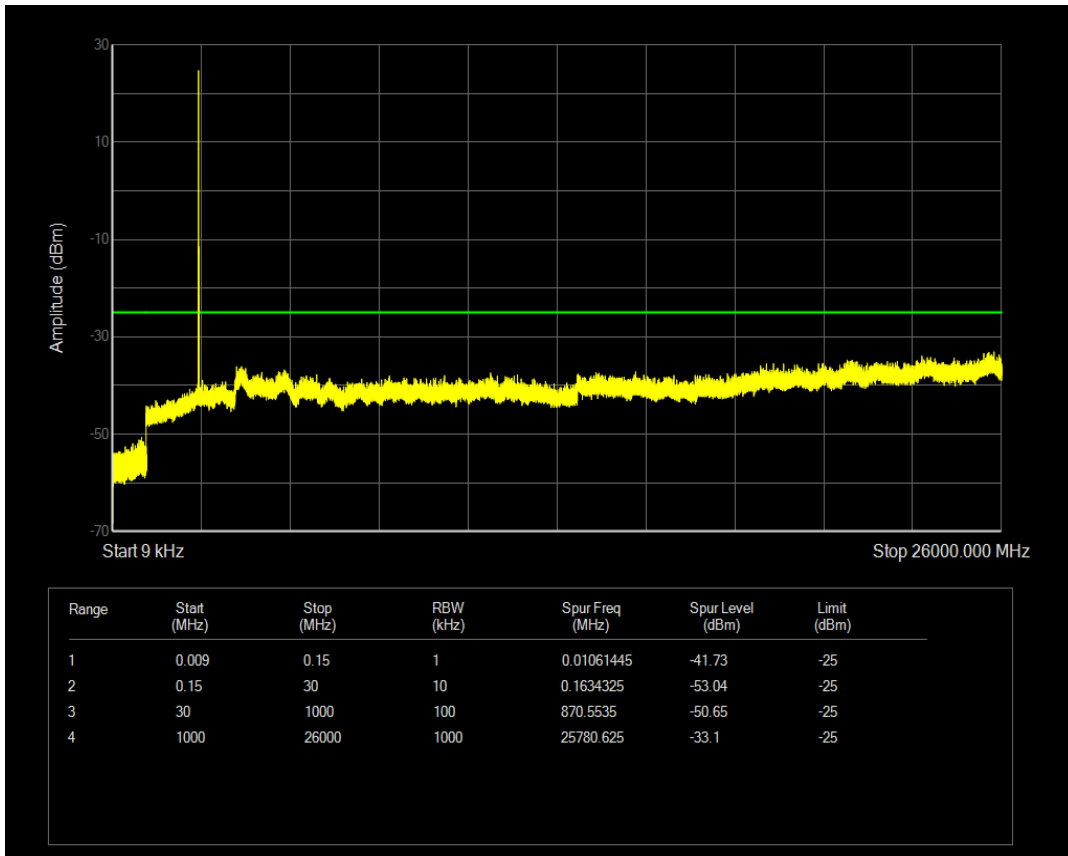
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=501000 RB=1@23



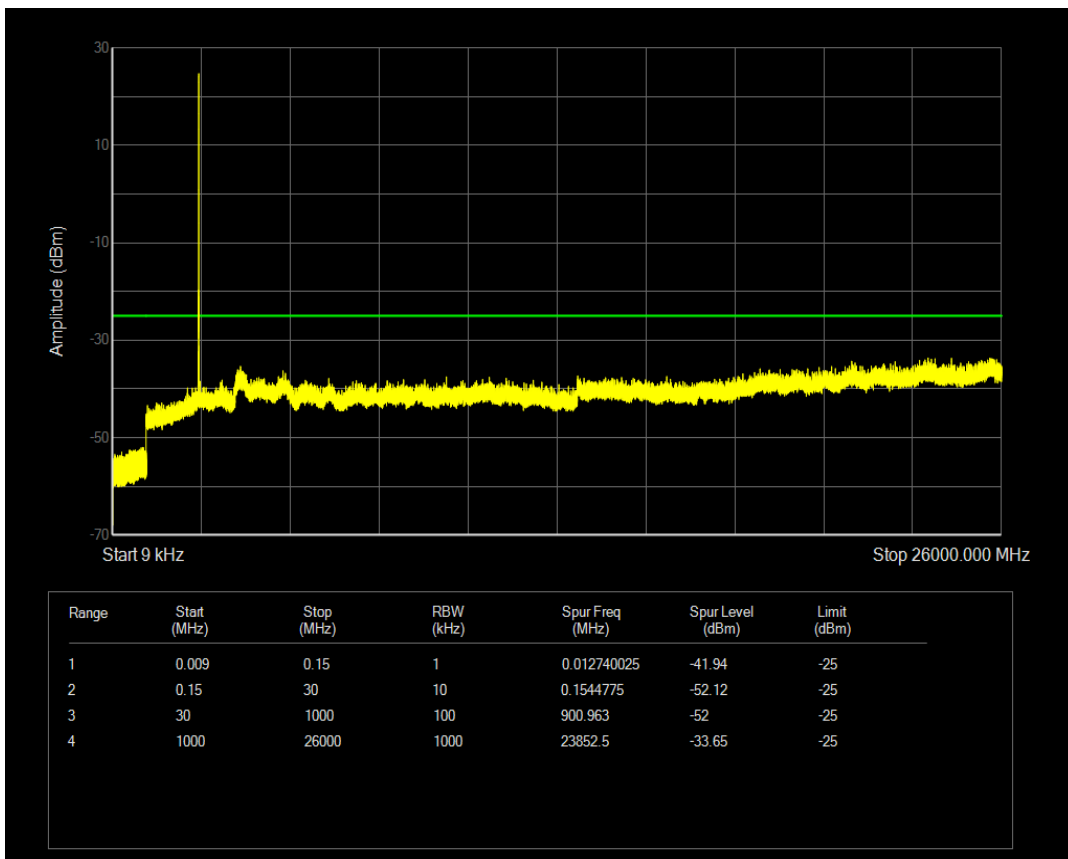
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=507000 RB=24@0



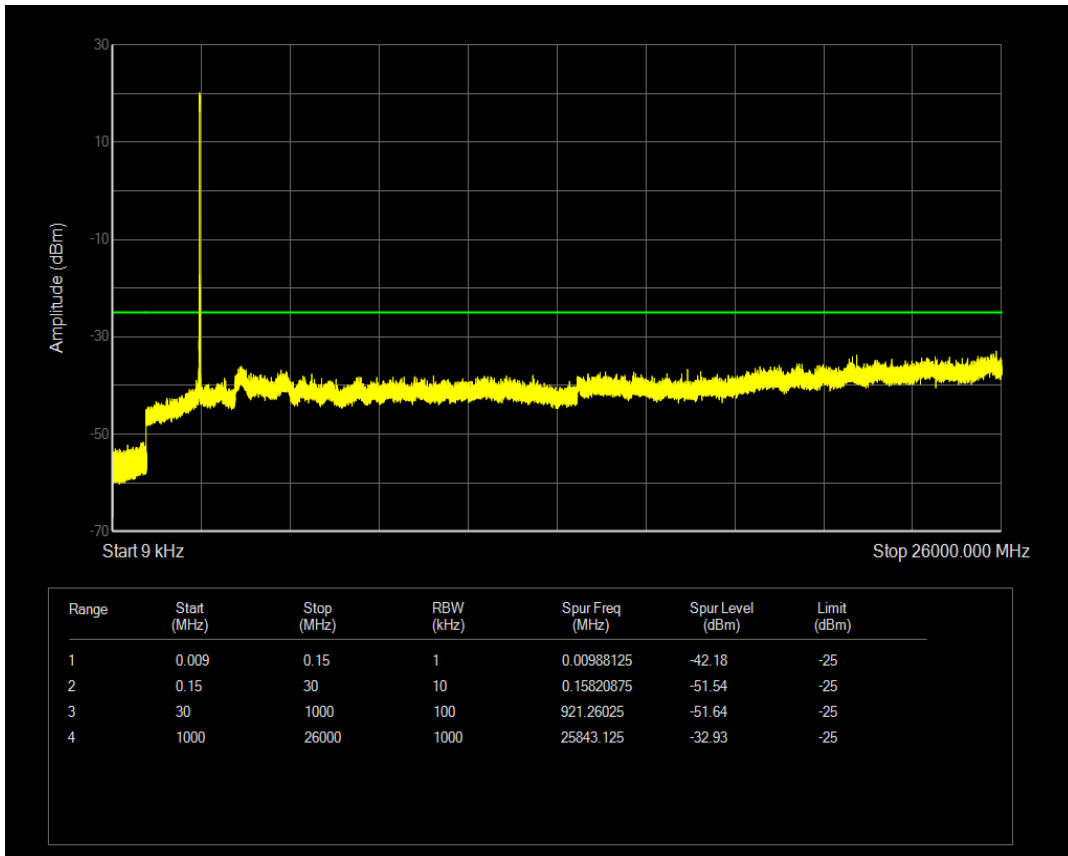
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=507000 RB=1@0



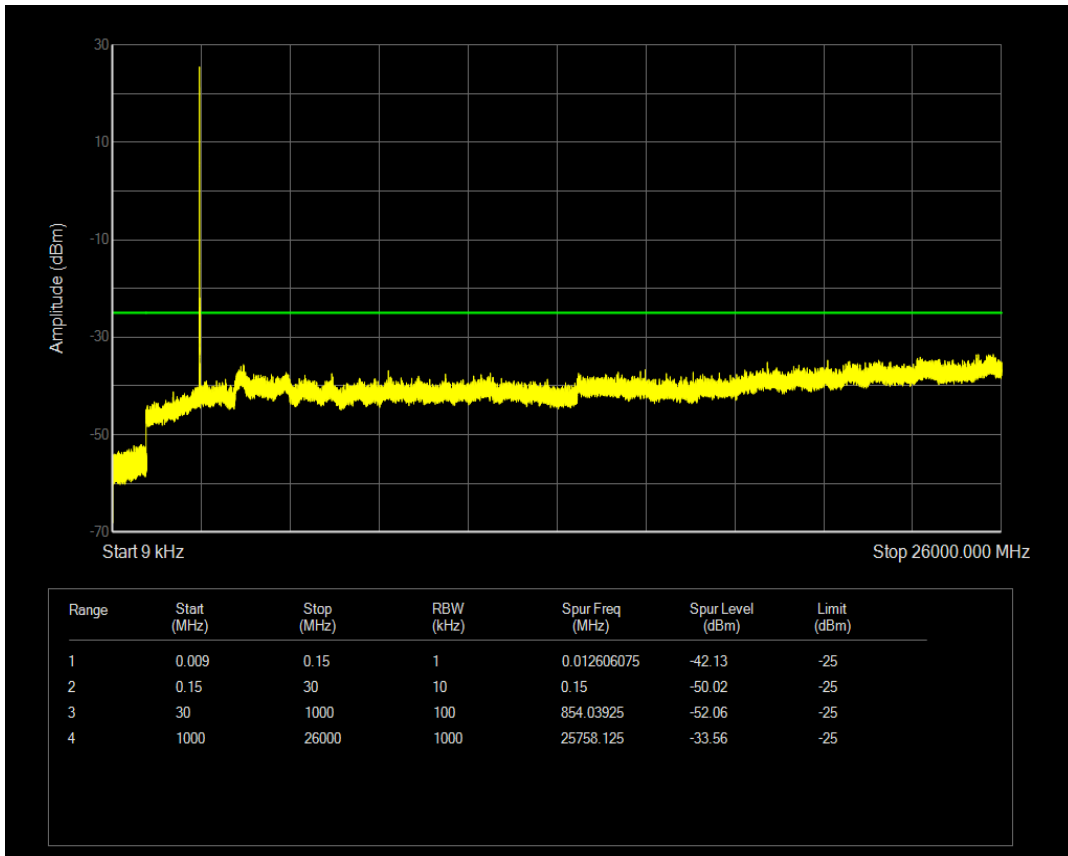
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=507000 RB=1@23



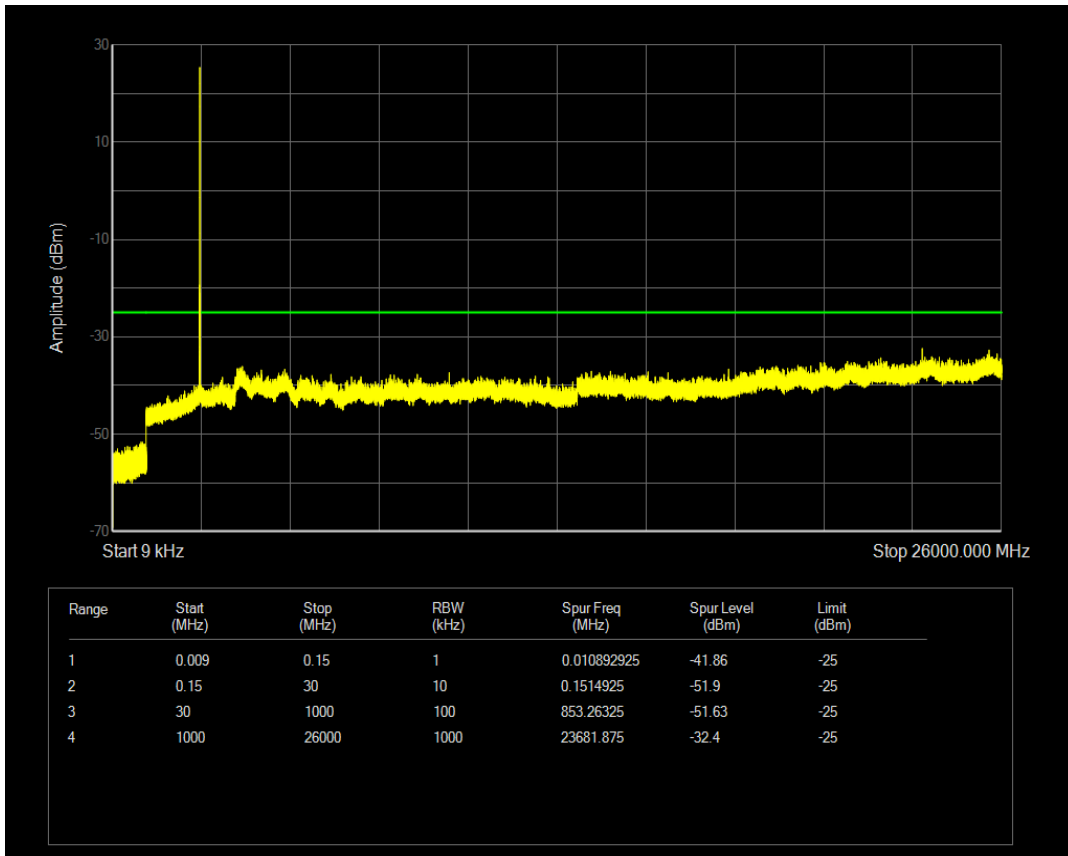
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=513000 RB=24@0



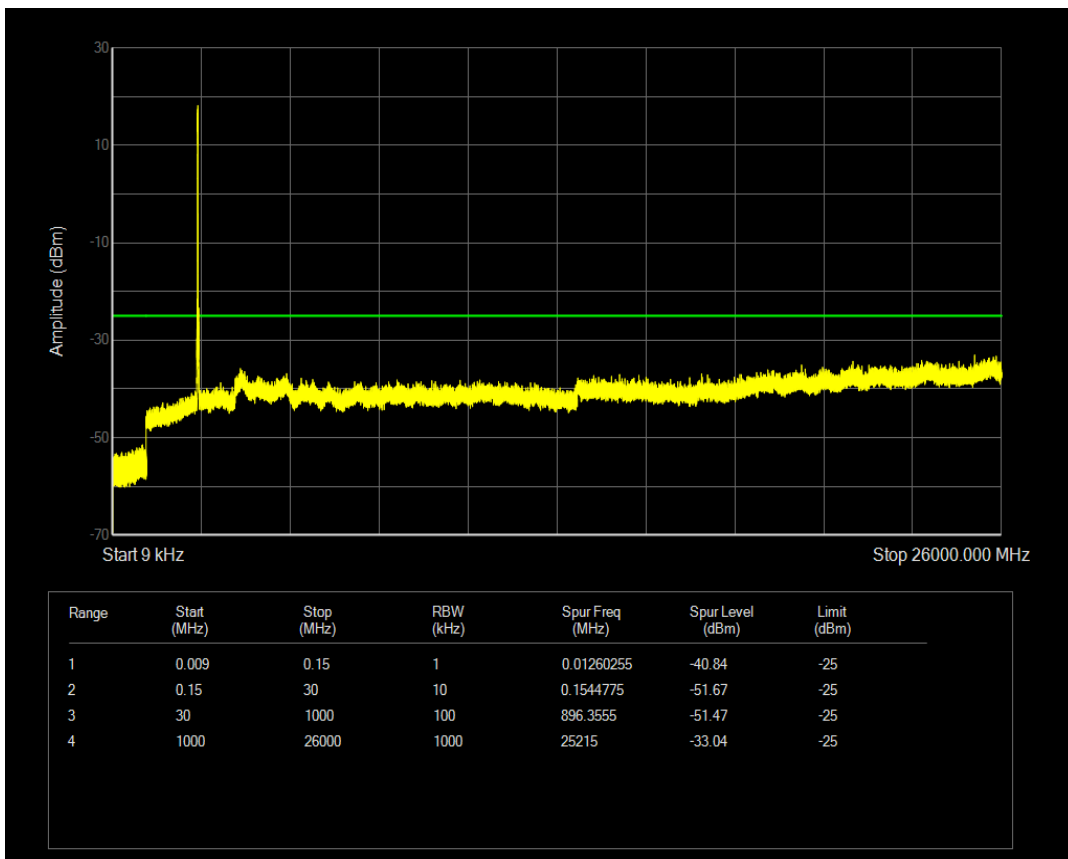
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=513000 RB=1@0



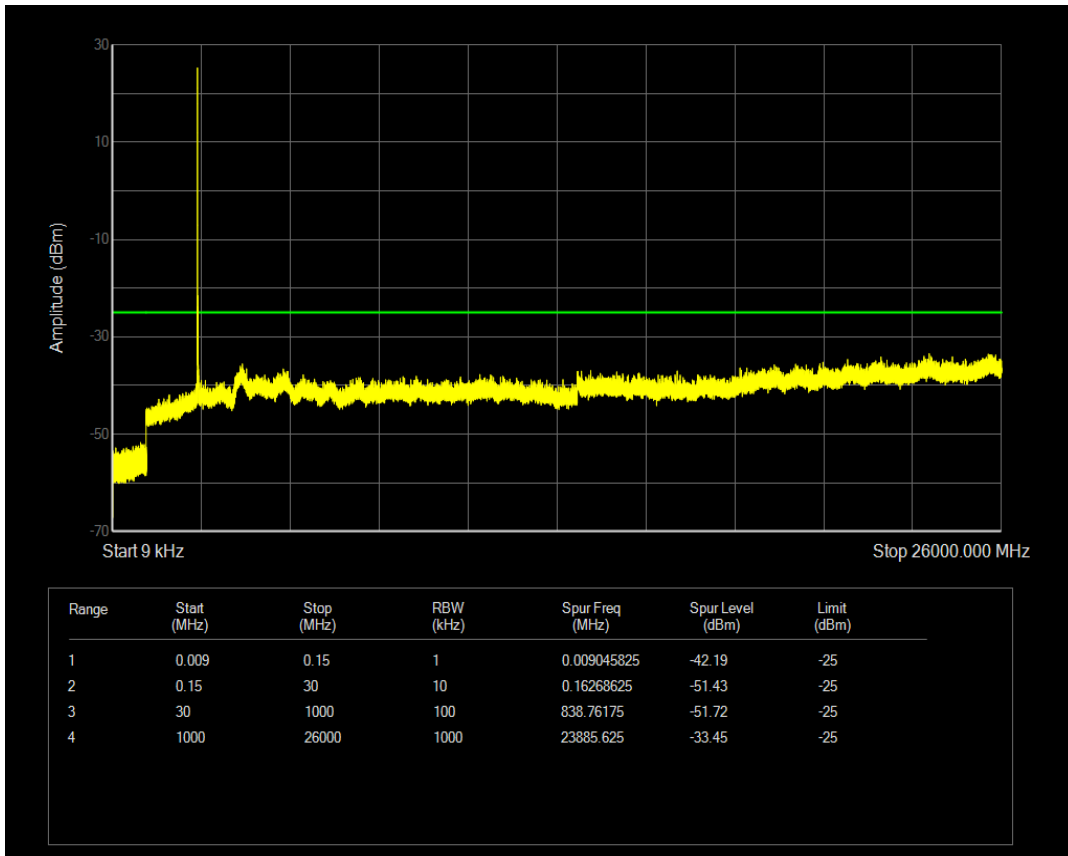
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=513000 RB=1@23



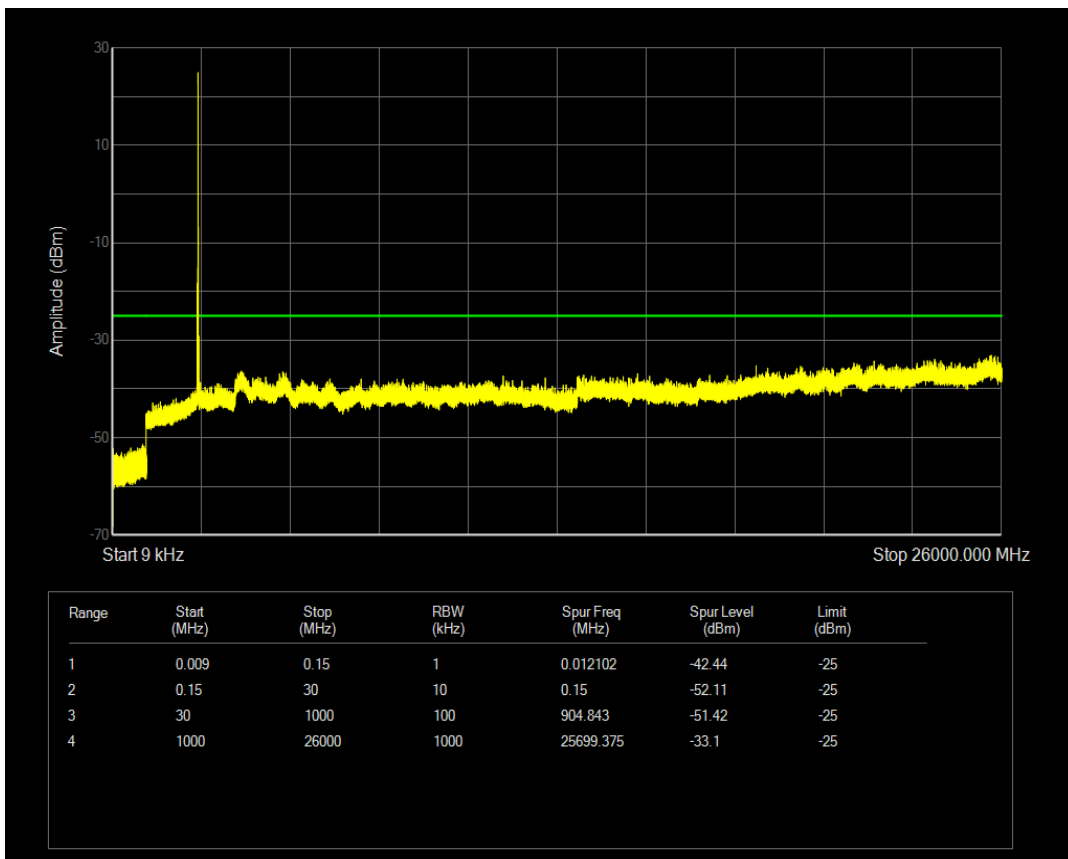
n7 SCS=30kHz DFT_QPSK BW=20MHz Channel=502000 RB=50@0



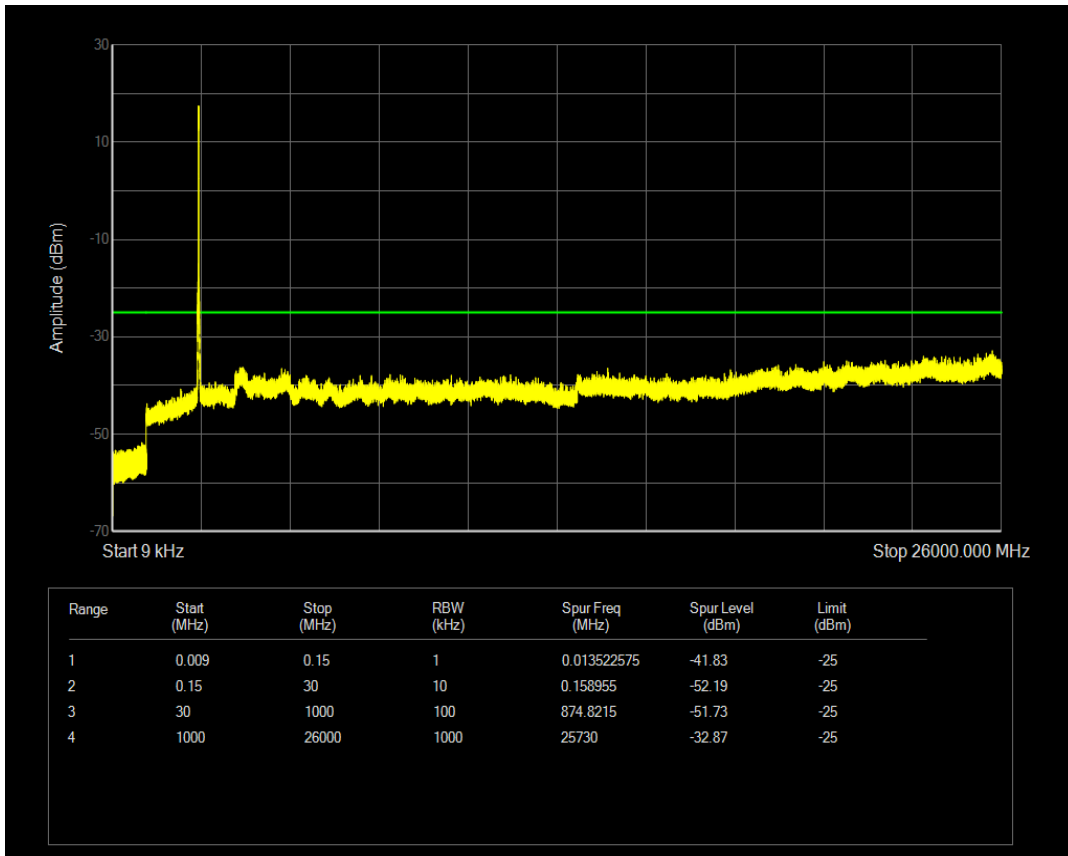
n7 SCS=30kHz DFT_QPSK BW=20MHz Channel=502000 RB=1@0



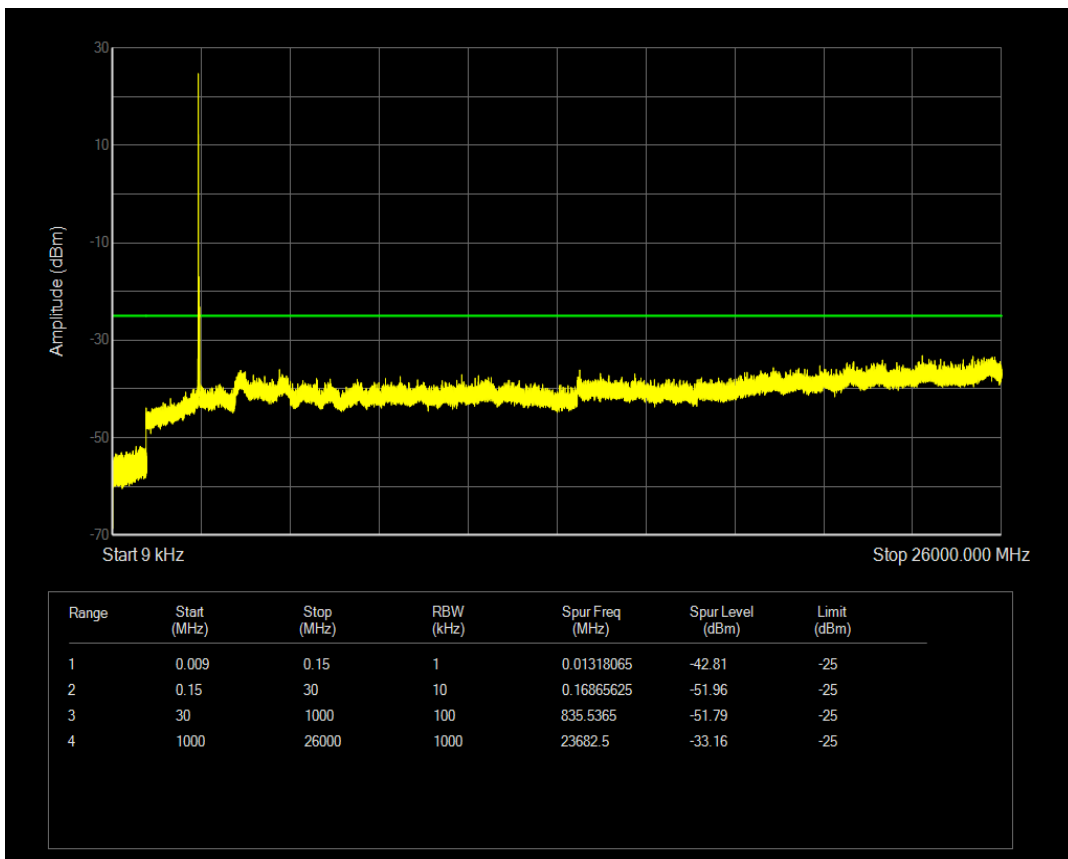
n7 SCS=30kHz DFT_QPSK BW=20MHz Channel=502000 RB=1@50



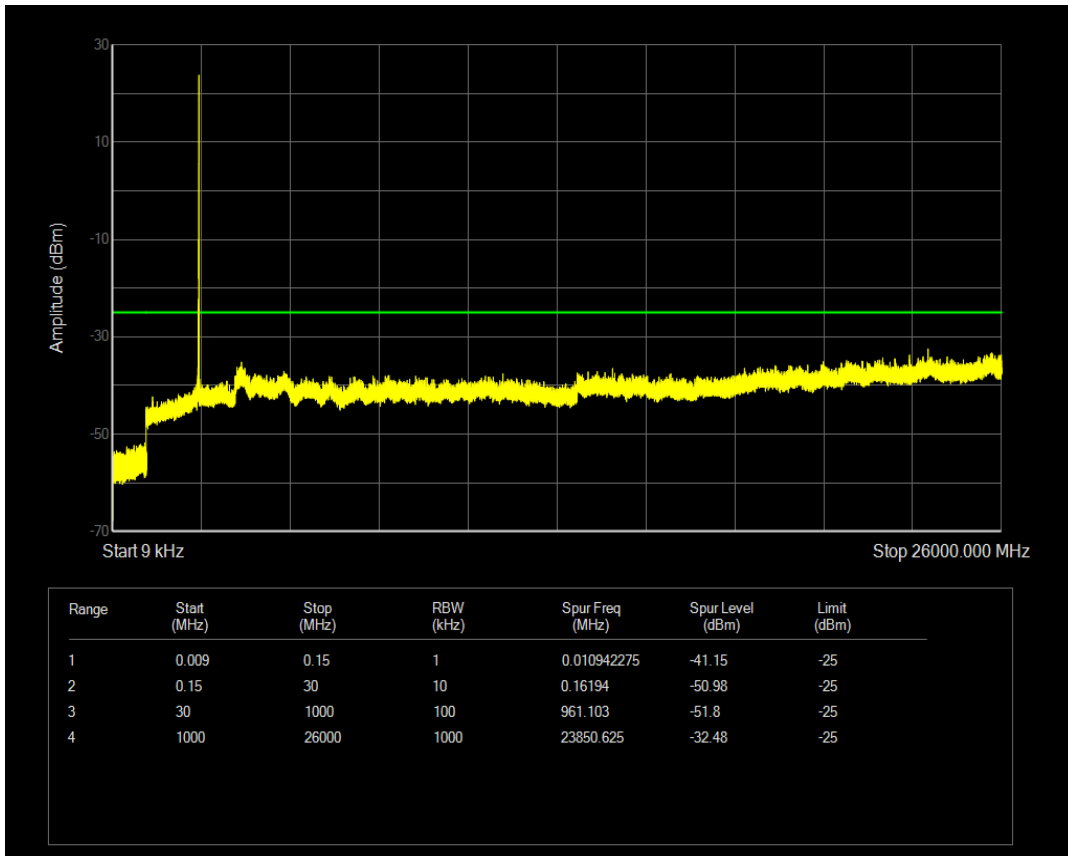
n7 SCS=30kHz DFT_QPSK BW=20MHz Channel=507000 RB=50@0



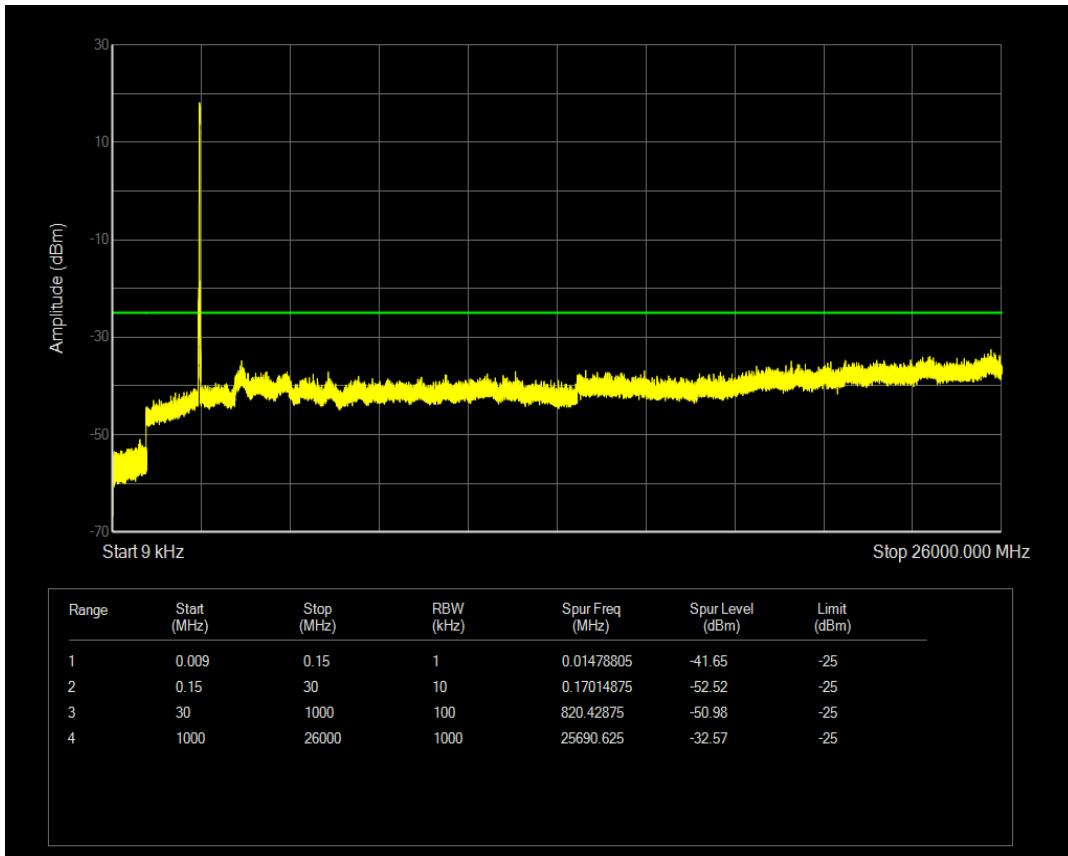
n7 SCS=30kHz DFT_QPSK BW=20MHz Channel=507000 RB=1@0



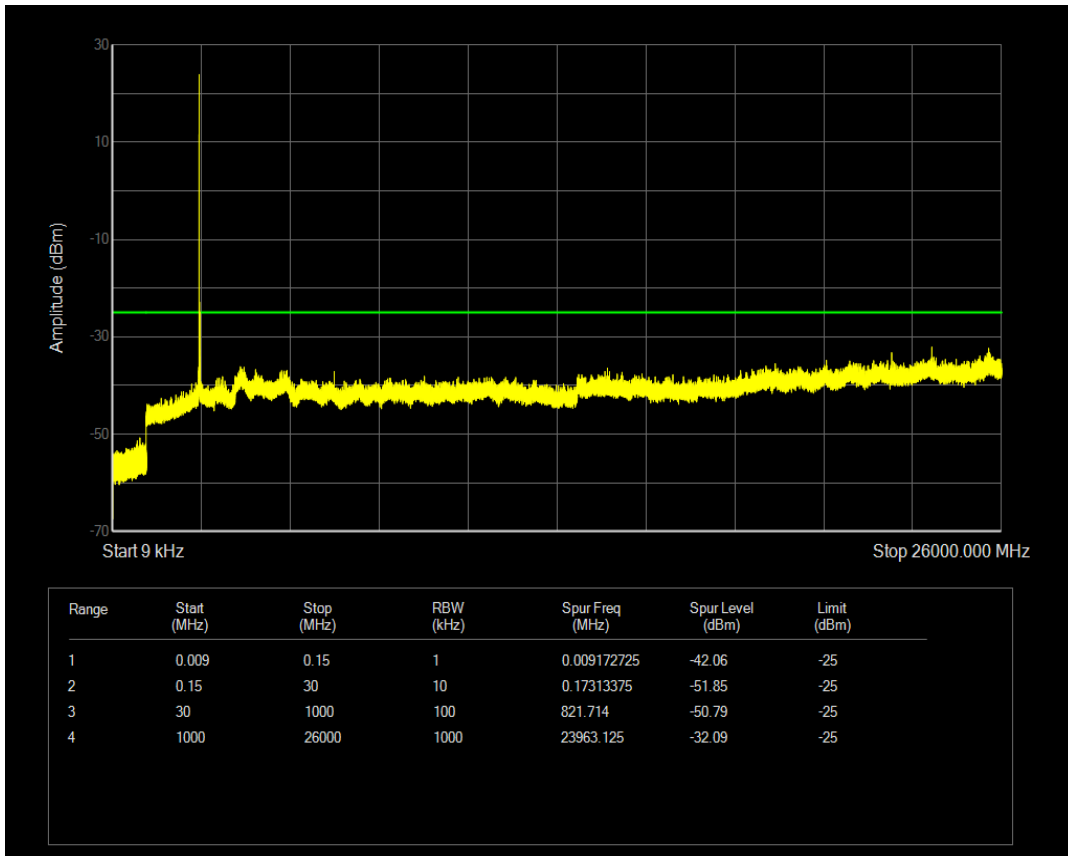
n7 SCS=30kHz DFT_QPSK BW=20MHz Channel=507000 RB=1@50



n7 SCS=30kHz DFT_QPSK BW=20MHz Channel=512000 RB=50@0



n7 SCS=30kHz DFT_QPSK BW=20MHz Channel=512000 RB=1@0



n7 SCS=30kHz DFT_QPSK BW=20MHz Channel=512000 RB=1@50

