

### 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	20.73	20.23	33	PASS
n7	30	10	501000	1@1	DFT_BPSK	20.60	20.1	33	PASS
n7	30	10	501000	1@22	DFT_BPSK	20.76	20.26	33	PASS
n7	30	10	501000	12@6	DFT_QPSK	20.76	20.26	33	PASS
n7	30	10	501000	1@1	DFT_QPSK	20.55	20.05	33	PASS
n7	30	10	501000	1@22	DFT_QPSK	20.80	20.3	33	PASS
n7	30	10	501000	12@6	DFT_QAM16	20.19	19.69	33	PASS
n7	30	10	501000	1@1	DFT_QAM16	20.29	19.79	33	PASS
n7	30	10	501000	1@22	DFT_QAM16	20.36	19.86	33	PASS
n7	30	10	501000	12@6	DFT_QAM64	18.68	18.18	33	PASS
n7	30	10	501000	1@1	DFT_QAM64	18.29	17.79	33	PASS
n7	30	10	501000	1@22	DFT_QAM64	18.22	17.72	33	PASS
n7	30	10	501000	12@6	DFT_QAM256	15.43	14.93	33	PASS
n7	30	10	501000	1@1	DFT_QAM256	15.57	15.07	33	PASS
n7	30	10	501000	1@22	DFT_QAM256	15.66	15.16	33	PASS
n7	30	10	501000	12@6	CP_QPSK	20.75	20.25	33	PASS
n7	30	10	501000	1@1	CP_QPSK	20.80	20.3	33	PASS
n7	30	10	501000	1@22	CP_QPSK	20.53	20.03	33	PASS
n7	30	10	501000	12@6	CP_QAM16	20.06	19.56	33	PASS
n7	30	10	501000	1@1	CP_QAM16	20.46	19.96	33	PASS
n7	30	10	501000	1@22	CP_QAM16	20.33	19.83	33	PASS
n7	30	10	501000	12@6	CP_QAM64	18.72	18.22	33	PASS
n7	30	10	501000	1@1	CP_QAM64	18.98	18.48	33	PASS
n7	30	10	501000	1@22	CP_QAM64	19.01	18.51	33	PASS
n7	30	10	501000	12@6	CP_QAM256	15.43	14.93	33	PASS
n7	30	10	501000	1@1	CP_QAM256	15.62	15.12	33	PASS
n7	30	10	501000	1@22	CP_QAM256	15.66	15.16	33	PASS
n7	30	10	507000	12@6	DFT_BPSK	20.65	20.15	33	PASS
n7	30	10	507000	1@1	DFT_BPSK	20.49	19.99	33	PASS
n7	30	10	507000	1@22	DFT_BPSK	20.75	20.25	33	PASS
n7	30	10	507000	12@6	DFT_QPSK	20.63	20.13	33	PASS
n7	30	10	507000	1@1	DFT_QPSK	20.65	20.15	33	PASS
n7	30	10	507000	1@22	DFT_QPSK	20.50	20	33	PASS
n7	30	10	507000	12@6	DFT_QAM16	20.15	19.65	33	PASS
n7	30	10	507000	1@1	DFT_QAM16	20.28	19.78	33	PASS
n7	30	10	507000	1@22	DFT_QAM16	20.12	19.62	33	PASS
n7	30	10	507000	12@6	DFT_QAM64	18.68	18.18	33	PASS
n7	30	10	507000	1@1	DFT_QAM64	18.18	17.68	33	PASS
n7	30	10	507000	1@22	DFT_QAM64	18.24	17.74	33	PASS

n7	30	10	507000	12@6	DFT_QAM256	15.29	14.79	33	PASS
n7	30	10	507000	1@1	DFT_QAM256	15.47	14.97	33	PASS
n7	30	10	507000	1@22	DFT_QAM256	15.43	14.93	33	PASS
n7	30	10	507000	12@6	CP_QPSK	20.66	20.16	33	PASS
n7	30	10	507000	1@1	CP_QPSK	20.64	20.14	33	PASS
n7	30	10	507000	1@22	CP_QPSK	20.54	20.04	33	PASS
n7	30	10	507000	12@6	CP_QAM16	20.10	19.6	33	PASS
n7	30	10	507000	1@1	CP_QAM16	20.40	19.9	33	PASS
n7	30	10	507000	1@22	CP_QAM16	20.31	19.81	33	PASS
n7	30	10	507000	12@6	CP_QAM64	18.59	18.09	33	PASS
n7	30	10	507000	1@1	CP_QAM64	18.83	18.33	33	PASS
n7	30	10	507000	1@22	CP_QAM64	18.92	18.42	33	PASS
n7	30	10	507000	12@6	CP_QAM256	15.25	14.75	33	PASS
n7	30	10	507000	1@1	CP_QAM256	15.44	14.94	33	PASS
n7	30	10	507000	1@22	CP_QAM256	15.42	14.92	33	PASS
n7	30	10	513000	12@6	DFT_BPSK	20.82	20.32	33	PASS
n7	30	10	513000	1@1	DFT_BPSK	20.51	20.01	33	PASS
n7	30	10	513000	1@22	DFT_BPSK	20.54	20.04	33	PASS
n7	30	10	513000	12@6	DFT_QPSK	20.75	20.25	33	PASS
n7	30	10	513000	1@1	DFT_QPSK	20.69	20.19	33	PASS
n7	30	10	513000	1@22	DFT_QPSK	20.59	20.09	33	PASS
n7	30	10	513000	12@6	DFT_QAM16	20.19	19.69	33	PASS
n7	30	10	513000	1@1	DFT_QAM16	20.22	19.72	33	PASS
n7	30	10	513000	1@22	DFT_QAM16	20.24	19.74	33	PASS
n7	30	10	513000	12@6	DFT_QAM64	18.72	18.22	33	PASS
n7	30	10	513000	1@1	DFT_QAM64	18.14	17.64	33	PASS
n7	30	10	513000	1@22	DFT_QAM64	18.25	17.75	33	PASS
n7	30	10	513000	12@6	DFT_QAM256	15.53	15.03	33	PASS
n7	30	10	513000	1@1	DFT_QAM256	15.68	15.18	33	PASS
n7	30	10	513000	1@22	DFT_QAM256	15.53	15.03	33	PASS
n7	30	10	513000	12@6	CP_QPSK	20.81	20.31	33	PASS
n7	30	10	513000	1@1	CP_QPSK	20.51	20.01	33	PASS
n7	30	10	513000	1@22	CP_QPSK	20.80	20.3	33	PASS
n7	30	10	513000	12@6	CP_QAM16	20.31	19.81	33	PASS
n7	30	10	513000	1@1	CP_QAM16	19.92	19.42	33	PASS
n7	30	10	513000	1@22	CP_QAM16	20.44	19.94	33	PASS
n7	30	10	513000	12@6	CP_QAM64	18.74	18.24	33	PASS
n7	30	10	513000	1@1	CP_QAM64	18.24	17.74	33	PASS
n7	30	10	513000	1@22	CP_QAM64	18.37	17.87	33	PASS
n7	30	10	513000	12@6	CP_QAM256	15.52	15.02	33	PASS
n7	30	10	513000	1@1	CP_QAM256	15.68	15.18	33	PASS
n7	30	10	513000	1@22	CP_QAM256	15.75	15.25	33	PASS
n7	30	15	501500	18@9	DFT_BPSK	20.79	20.29	33	PASS
n7	30	15	501500	1@1	DFT_BPSK	20.66	20.16	33	PASS

n7	30	15	501500	1@36	DFT_BPSK	20.51	20.01	33	PASS
n7	30	15	501500	18@9	DFT_QPSK	20.76	20.26	33	PASS
n7	30	15	501500	1@1	DFT_QPSK	20.62	20.12	33	PASS
n7	30	15	501500	1@36	DFT_QPSK	20.72	20.22	33	PASS
n7	30	15	501500	18@9	DFT_QAM16	20.32	19.82	33	PASS
n7	30	15	501500	1@1	DFT_QAM16	20.26	19.76	33	PASS
n7	30	15	501500	1@36	DFT_QAM16	20.11	19.61	33	PASS
n7	30	15	501500	18@9	DFT_QAM64	18.74	18.24	33	PASS
n7	30	15	501500	1@1	DFT_QAM64	18.18	17.68	33	PASS
n7	30	15	501500	1@36	DFT_QAM64	18.07	17.57	33	PASS
n7	30	15	501500	18@9	DFT_QAM256	15.47	14.97	33	PASS
n7	30	15	501500	1@1	DFT_QAM256	15.53	15.03	33	PASS
n7	30	15	501500	1@36	DFT_QAM256	15.48	14.98	33	PASS
n7	30	15	501500	19@9	CP_QPSK	20.79	20.29	33	PASS
n7	30	15	501500	1@1	CP_QPSK	20.83	20.33	33	PASS
n7	30	15	501500	1@36	CP_QPSK	20.68	20.18	33	PASS
n7	30	15	501500	19@9	CP_QAM16	20.29	19.79	33	PASS
n7	30	15	501500	1@1	CP_QAM16	19.94	19.44	33	PASS
n7	30	15	501500	1@36	CP_QAM16	20.30	19.8	33	PASS
n7	30	15	501500	19@9	CP_QAM64	18.69	18.19	33	PASS
n7	30	15	501500	1@1	CP_QAM64	18.30	17.8	33	PASS
n7	30	15	501500	1@36	CP_QAM64	18.24	17.74	33	PASS
n7	30	15	501500	19@9	CP_QAM256	15.60	15.1	33	PASS
n7	30	15	501500	1@1	CP_QAM256	15.52	15.02	33	PASS
n7	30	15	501500	1@36	CP_QAM256	15.41	14.91	33	PASS
n7	30	15	507000	18@9	DFT_BPSK	20.72	20.22	33	PASS
n7	30	15	507000	1@1	DFT_BPSK	20.73	20.23	33	PASS
n7	30	15	507000	1@36	DFT_BPSK	20.68	20.18	33	PASS
n7	30	15	507000	18@9	DFT_QPSK	20.75	20.25	33	PASS
n7	30	15	507000	1@1	DFT_QPSK	20.71	20.21	33	PASS
n7	30	15	507000	1@36	DFT_QPSK	20.64	20.14	33	PASS
n7	30	15	507000	18@9	DFT_QAM16	20.17	19.67	33	PASS
n7	30	15	507000	1@1	DFT_QAM16	20.37	19.87	33	PASS
n7	30	15	507000	1@36	DFT_QAM16	20.31	19.81	33	PASS
n7	30	15	507000	18@9	DFT_QAM64	18.73	18.23	33	PASS
n7	30	15	507000	1@1	DFT_QAM64	18.25	17.75	33	PASS
n7	30	15	507000	1@36	DFT_QAM64	18.28	17.78	33	PASS
n7	30	15	507000	18@9	DFT_QAM256	15.47	14.97	33	PASS
n7	30	15	507000	1@1	DFT_QAM256	15.46	14.96	33	PASS
n7	30	15	507000	1@36	DFT_QAM256	15.45	14.95	33	PASS
n7	30	15	507000	19@9	CP_QPSK	20.74	20.24	33	PASS
n7	30	15	507000	1@1	CP_QPSK	20.64	20.14	33	PASS
n7	30	15	507000	1@36	CP_QPSK	20.66	20.16	33	PASS
n7	30	15	507000	19@9	CP_QAM16	20.32	19.82	33	PASS

n7	30	15	507000	1@1	CP_QAM16	20.10	19.6	33	PASS
n7	30	15	507000	1@36	CP_QAM16	20.15	19.65	33	PASS
n7	30	15	507000	19@9	CP_QAM64	18.61	18.11	33	PASS
n7	30	15	507000	1@1	CP_QAM64	18.85	18.35	33	PASS
n7	30	15	507000	1@36	CP_QAM64	18.81	18.31	33	PASS
n7	30	15	507000	19@9	CP_QAM256	15.42	14.92	33	PASS
n7	30	15	507000	1@1	CP_QAM256	15.47	14.97	33	PASS
n7	30	15	507000	1@36	CP_QAM256	15.39	14.89	33	PASS
n7	30	15	512500	18@9	DFT_BPSK	20.75	20.25	33	PASS
n7	30	15	512500	1@1	DFT_BPSK	20.67	20.17	33	PASS
n7	30	15	512500	1@36	DFT_BPSK	20.71	20.21	33	PASS
n7	30	15	512500	18@9	DFT_QPSK	20.72	20.22	33	PASS
n7	30	15	512500	1@1	DFT_QPSK	20.57	20.07	33	PASS
n7	30	15	512500	1@36	DFT_QPSK	20.83	20.33	33	PASS
n7	30	15	512500	18@9	DFT_QAM16	20.33	19.83	33	PASS
n7	30	15	512500	1@1	DFT_QAM16	20.34	19.84	33	PASS
n7	30	15	512500	1@36	DFT_QAM16	20.43	19.93	33	PASS
n7	30	15	512500	18@9	DFT_QAM64	18.77	18.27	33	PASS
n7	30	15	512500	1@1	DFT_QAM64	18.23	17.73	33	PASS
n7	30	15	512500	1@36	DFT_QAM64	18.41	17.91	33	PASS
n7	30	15	512500	18@9	DFT_QAM256	15.63	15.13	33	PASS
n7	30	15	512500	1@1	DFT_QAM256	15.62	15.12	33	PASS
n7	30	15	512500	1@36	DFT_QAM256	15.84	15.34	33	PASS
n7	30	15	512500	19@9	CP_QPSK	20.76	20.26	33	PASS
n7	30	15	512500	1@1	CP_QPSK	20.54	20.04	33	PASS
n7	30	15	512500	1@36	CP_QPSK	20.87	20.37	33	PASS
n7	30	15	512500	19@9	CP_QAM16	20.26	19.76	33	PASS
n7	30	15	512500	1@1	CP_QAM16	20.35	19.85	33	PASS
n7	30	15	512500	1@36	CP_QAM16	20.23	19.73	33	PASS
n7	30	15	512500	19@9	CP_QAM64	18.69	18.19	33	PASS
n7	30	15	512500	1@1	CP_QAM64	18.78	18.28	33	PASS
n7	30	15	512500	1@36	CP_QAM64	18.28	17.78	33	PASS
n7	30	15	512500	19@9	CP_QAM256	15.67	15.17	33	PASS
n7	30	15	512500	1@1	CP_QAM256	15.60	15.1	33	PASS
n7	30	15	512500	1@36	CP_QAM256	15.55	15.05	33	PASS
n7	30	20	502000	25@12	DFT_BPSK	20.80	20.3	33	PASS
n7	30	20	502000	1@1	DFT_BPSK	20.69	20.19	33	PASS
n7	30	20	502000	1@49	DFT_BPSK	20.40	19.9	33	PASS
n7	30	20	502000	25@12	DFT_QPSK	21.40	20.9	33	PASS
n7	30	20	502000	1@1	DFT_QPSK	22.27	21.77	33	PASS
n7	30	20	502000	1@49	DFT_QPSK	22.09	21.59	33	PASS
n7	30	20	502000	25@12	DFT_QAM16	21.42	20.92	33	PASS
n7	30	20	502000	1@1	DFT_QAM16	21.12	20.62	33	PASS
n7	30	20	502000	1@49	DFT_QAM16	20.84	20.34	33	PASS

n7	30	20	502000	25@12	DFT_QAM64	19.81	19.31	33	PASS
n7	30	20	502000	1@1	DFT_QAM64	20.18	19.68	33	PASS
n7	30	20	502000	1@49	DFT_QAM64	20.01	19.51	33	PASS
n7	30	20	502000	25@12	DFT_QAM256	19.80	19.3	33	PASS
n7	30	20	502000	1@1	DFT_QAM256	19.11	18.61	33	PASS
n7	30	20	502000	1@49	DFT_QAM256	19.03	18.53	33	PASS
n7	30	20	502000	25@12	CP_QPSK	22.40	21.9	33	PASS
n7	30	20	502000	1@1	CP_QPSK	22.29	21.79	33	PASS
n7	30	20	502000	1@49	CP_QPSK	22.05	21.55	33	PASS
n7	30	20	502000	25@12	CP_QAM16	22.38	21.88	33	PASS
n7	30	20	502000	1@1	CP_QAM16	22.24	21.74	33	PASS
n7	30	20	502000	1@49	CP_QAM16	22.01	21.51	33	PASS
n7	30	20	502000	25@12	CP_QAM64	21.33	20.83	33	PASS
n7	30	20	502000	1@1	CP_QAM64	21.17	20.67	33	PASS
n7	30	20	502000	1@49	CP_QAM64	21.04	20.54	33	PASS
n7	30	20	502000	25@12	CP_QAM256	19.79	19.29	33	PASS
n7	30	20	502000	1@1	CP_QAM256	19.18	18.68	33	PASS
n7	30	20	502000	1@49	CP_QAM256	19.00	18.5	33	PASS
n7	30	20	507000	25@12	DFT_BPSK	20.76	20.26	33	PASS
n7	30	20	507000	1@1	DFT_BPSK	20.51	20.01	33	PASS
n7	30	20	507000	1@49	DFT_BPSK	20.35	19.85	33	PASS
n7	30	20	507000	25@12	DFT_QPSK	20.75	20.25	33	PASS
n7	30	20	507000	1@1	DFT_QPSK	20.54	20.04	33	PASS
n7	30	20	507000	1@49	DFT_QPSK	20.33	19.83	33	PASS
n7	30	20	507000	25@12	DFT_QAM16	20.31	19.81	33	PASS
n7	30	20	507000	1@1	DFT_QAM16	20.19	19.69	33	PASS
n7	30	20	507000	1@49	DFT_QAM16	20.15	19.65	33	PASS
n7	30	20	507000	25@12	DFT_QAM64	18.70	18.2	33	PASS
n7	30	20	507000	1@1	DFT_QAM64	18.07	17.57	33	PASS
n7	30	20	507000	1@49	DFT_QAM64	18.06	17.56	33	PASS
n7	30	20	507000	25@12	DFT_QAM256	15.38	14.88	33	PASS
n7	30	20	507000	1@1	DFT_QAM256	15.36	14.86	33	PASS
n7	30	20	507000	1@49	DFT_QAM256	15.41	14.91	33	PASS
n7	30	20	507000	25@12	CP_QPSK	20.72	20.22	33	PASS
n7	30	20	507000	1@1	CP_QPSK	20.37	19.87	33	PASS
n7	30	20	507000	1@49	CP_QPSK	20.51	20.01	33	PASS
n7	30	20	507000	25@12	CP_QAM16	20.24	19.74	33	PASS
n7	30	20	507000	1@1	CP_QAM16	20.13	19.63	33	PASS
n7	30	20	507000	1@49	CP_QAM16	20.22	19.72	33	PASS
n7	30	20	507000	25@12	CP_QAM64	18.58	18.08	33	PASS
n7	30	20	507000	1@1	CP_QAM64	18.04	17.54	33	PASS
n7	30	20	507000	1@49	CP_QAM64	18.10	17.6	33	PASS
n7	30	20	507000	25@12	CP_QAM256	15.43	14.93	33	PASS
n7	30	20	507000	1@1	CP_QAM256	15.32	14.82	33	PASS

n7	30	20	507000	1@49	CP_QAM256	15.42	14.92	33	PASS
n7	30	20	512000	25@12	DFT_BPSK	20.84	20.34	33	PASS
n7	30	20	512000	1@1	DFT_BPSK	20.39	19.89	33	PASS
n7	30	20	512000	1@49	DFT_BPSK	20.56	20.06	33	PASS
n7	30	20	512000	25@12	DFT_QPSK	20.78	20.28	33	PASS
n7	30	20	512000	1@1	DFT_QPSK	20.43	19.93	33	PASS
n7	30	20	512000	1@49	DFT_QPSK	20.75	20.25	33	PASS
n7	30	20	512000	25@12	DFT_QAM16	20.39	19.89	33	PASS
n7	30	20	512000	1@1	DFT_QAM16	20.15	19.65	33	PASS
n7	30	20	512000	1@49	DFT_QAM16	20.34	19.84	33	PASS
n7	30	20	512000	25@12	DFT_QAM64	18.70	18.2	33	PASS
n7	30	20	512000	1@1	DFT_QAM64	18.15	17.65	33	PASS
n7	30	20	512000	1@49	DFT_QAM64	18.31	17.81	33	PASS
n7	30	20	512000	25@12	DFT_QAM256	15.73	15.23	33	PASS
n7	30	20	512000	1@1	DFT_QAM256	15.44	14.94	33	PASS
n7	30	20	512000	1@49	DFT_QAM256	15.67	15.17	33	PASS
n7	30	20	512000	25@12	CP_QPSK	20.71	20.21	33	PASS
n7	30	20	512000	1@1	CP_QPSK	20.43	19.93	33	PASS
n7	30	20	512000	1@49	CP_QPSK	20.75	20.25	33	PASS
n7	30	20	512000	25@12	CP_QAM16	20.31	19.81	33	PASS
n7	30	20	512000	1@1	CP_QAM16	20.27	19.77	33	PASS
n7	30	20	512000	1@49	CP_QAM16	20.56	20.06	33	PASS
n7	30	20	512000	25@12	CP_QAM64	18.67	18.17	33	PASS
n7	30	20	512000	1@1	CP_QAM64	18.81	18.31	33	PASS
n7	30	20	512000	1@49	CP_QAM64	18.98	18.48	33	PASS
n7	30	20	512000	25@12	CP_QAM256	15.74	15.24	33	PASS
n7	30	20	512000	1@1	CP_QAM256	15.61	15.11	33	PASS
n7	30	20	512000	1@49	CP_QAM256	15.60	15.1	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	3.87	-6.70	-0.01	Within authorized band for 5G NR n7	PASS
n7	30	20	507000	25@12	DFT_BPSK	3.45	-7.46	-0.01		PASS
n7	30	20	507000	25@12	DFT_BPSK	4.45	-6.96	-0.01		PASS
n7	30	20	507000	25@12	DFT_QPSK	3.87	-6.52	-0.01		PASS
n7	30	20	507000	25@12	DFT_QPSK	3.45	-7.18	-0.01		PASS
n7	30	20	507000	25@12	DFT_QPSK	4.45	-6.88	-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	167300	25@12	DFT_BPSK	-30	-1.96	0.00	Within authorized band for 5G NR n7	PASS
n7	30	20	167300	25@12	DFT_BPSK	-20	-1.9	0.00		PASS
n7	30	20	167300	25@12	DFT_BPSK	-10	-5.1	0.00		PASS
n7	30	20	167300	25@12	DFT_BPSK	0	-3.58	0.00		PASS
n7	30	20	167300	25@12	DFT_BPSK	10	-4.22	0.00		PASS
n7	30	20	167300	25@12	DFT_BPSK	20	-3.57	0.00		PASS
n7	30	20	167300	25@12	DFT_BPSK	30	-6.45	-0.01		PASS
n7	30	20	167300	25@12	DFT_BPSK	40	-4.6	0.00		PASS
n7	30	20	167300	25@12	DFT_BPSK	50	-5.06	-0.01		PASS
n7	30	20	167300	25@12	DFT_QPSK	-30	-6.59	-0.01		PASS
n7	30	20	167300	25@12	DFT_QPSK	-20	-4.5	0.00		PASS
n7	30	20	167300	25@12	DFT_QPSK	-10	-4.75	0.00		PASS
n7	30	20	167300	25@12	DFT_QPSK	0	-3.57	0.00		PASS
n7	30	20	167300	25@12	DFT_QPSK	10	-3.28	0.00		PASS
n7	30	20	167300	25@12	DFT_QPSK	20	-4.24	0.00		PASS
n7	30	20	167300	25@12	DFT_QPSK	30	-3.47	0.00		PASS
n7	30	20	167300	25@12	DFT_QPSK	40	-2.71	0.00	PASS	
n7	30	20	167300	25@12	DFT_QPSK	50	-2.5	0.00	PASS	

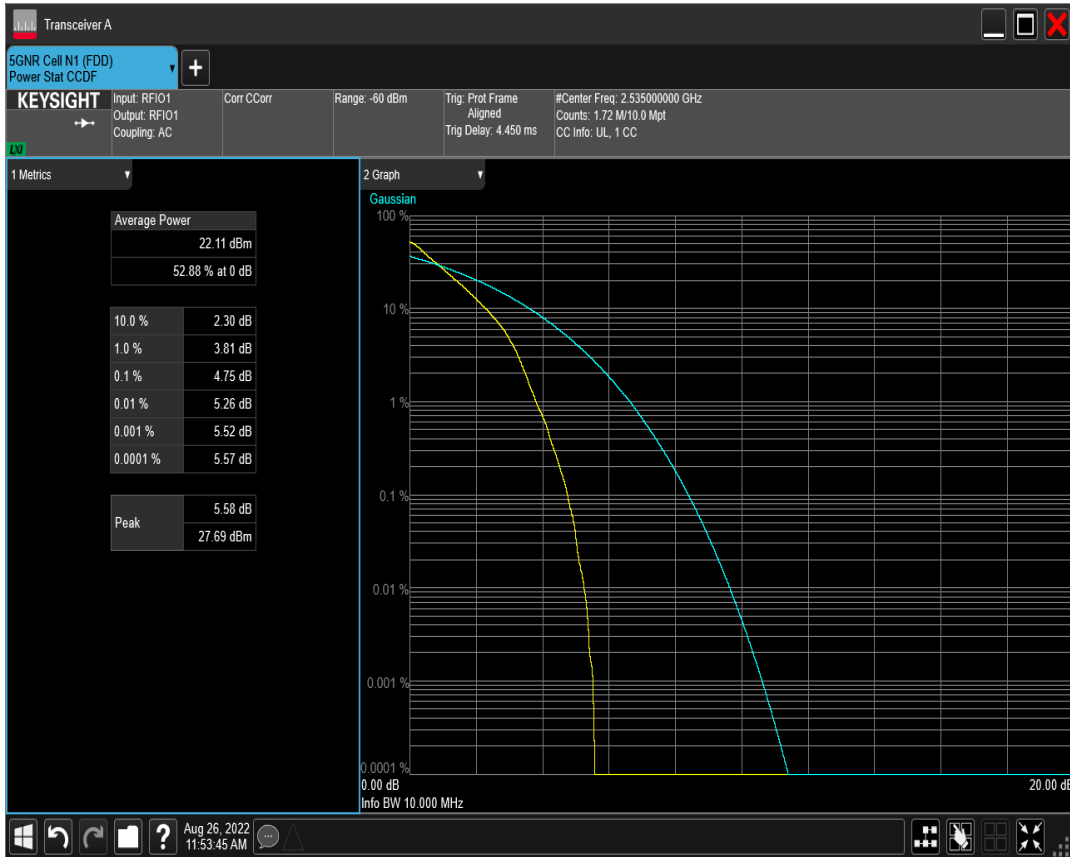
*Note: Only the worst case shown in the report.*

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

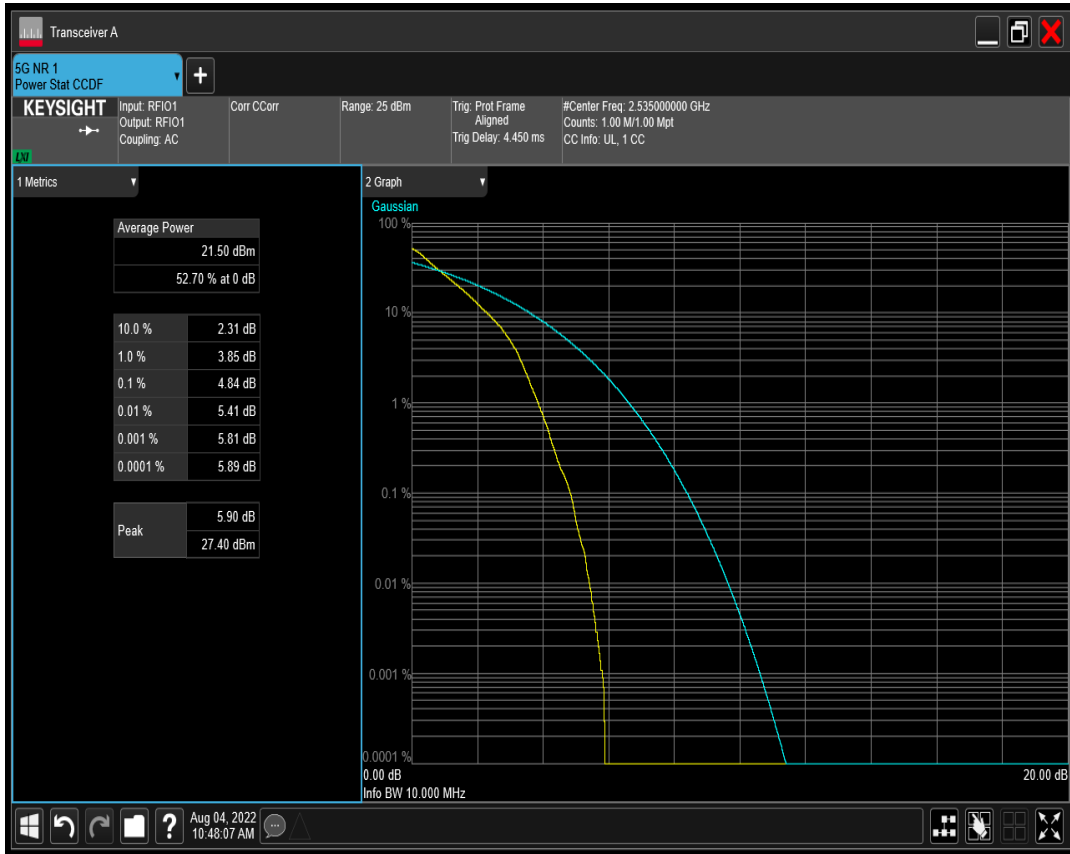
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n7	30	10	507000	24@0	DFT_BPSK	4.75	13	PASS
n7	30	10	507000	24@0	DFT_QPSK	4.84	13	PASS
n7	30	10	507000	24@0	DFT_QAM16	6.81	13	PASS
n7	30	10	507000	24@0	DFT_QAM64	6.98	13	PASS
n7	30	10	507000	24@0	DFT_QAM256	7.00	13	PASS
n7	30	15	507000	36@0	DFT_BPSK	6.02	13	PASS
n7	30	15	507000	36@0	DFT_QPSK	6.01	13	PASS
n7	30	15	507000	36@0	DFT_QAM16	6.88	13	PASS
n7	30	15	507000	36@0	DFT_QAM64	7.09	13	PASS
n7	30	15	507000	36@0	DFT_QAM256	7.10	13	PASS
n7	30	20	507000	50@0	DFT_BPSK	11.47	13	PASS
n7	30	20	507000	50@0	DFT_QPSK	4.74	13	PASS
n7	30	20	507000	50@0	DFT_QAM16	6.75	13	PASS
n7	30	20	507000	50@0	DFT_QAM64	6.92	13	PASS
n7	30	20	507000	50@0	DFT_QAM256	7.08	13	PASS



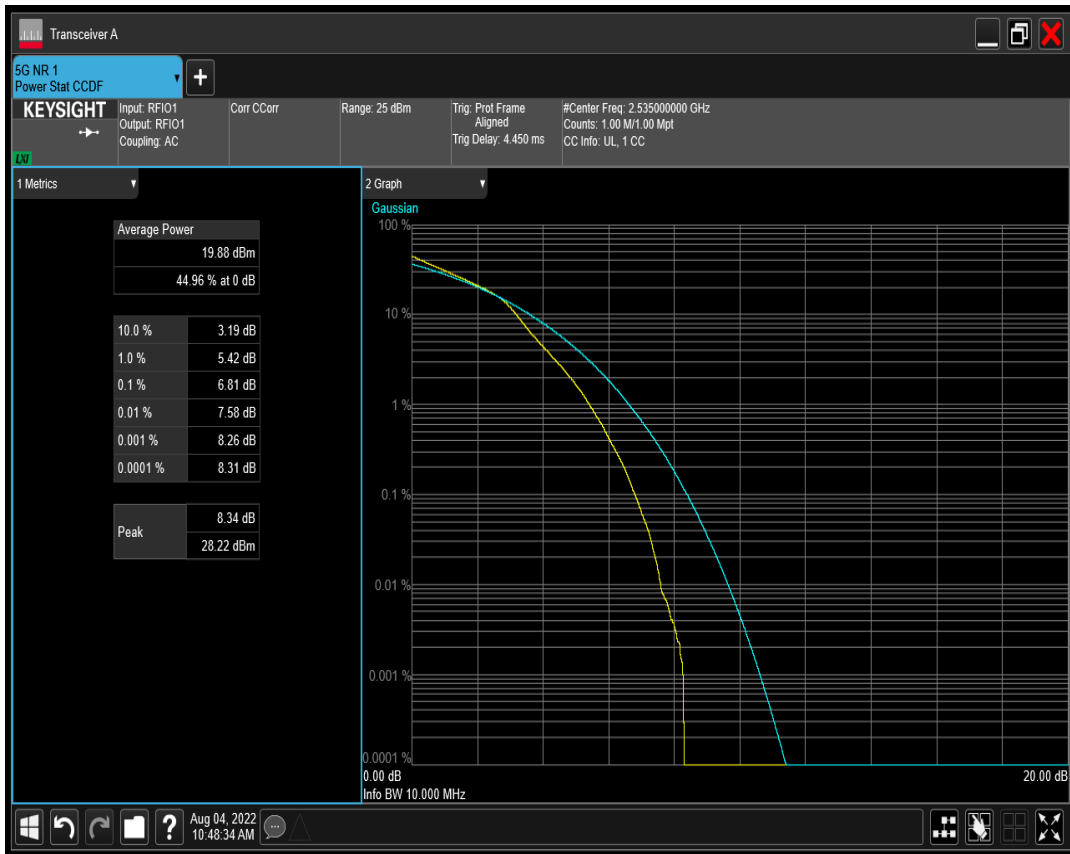
n7 SCS=30kHz DFT\_BPSK BW=10MHz Channel=507000 RB=24@0



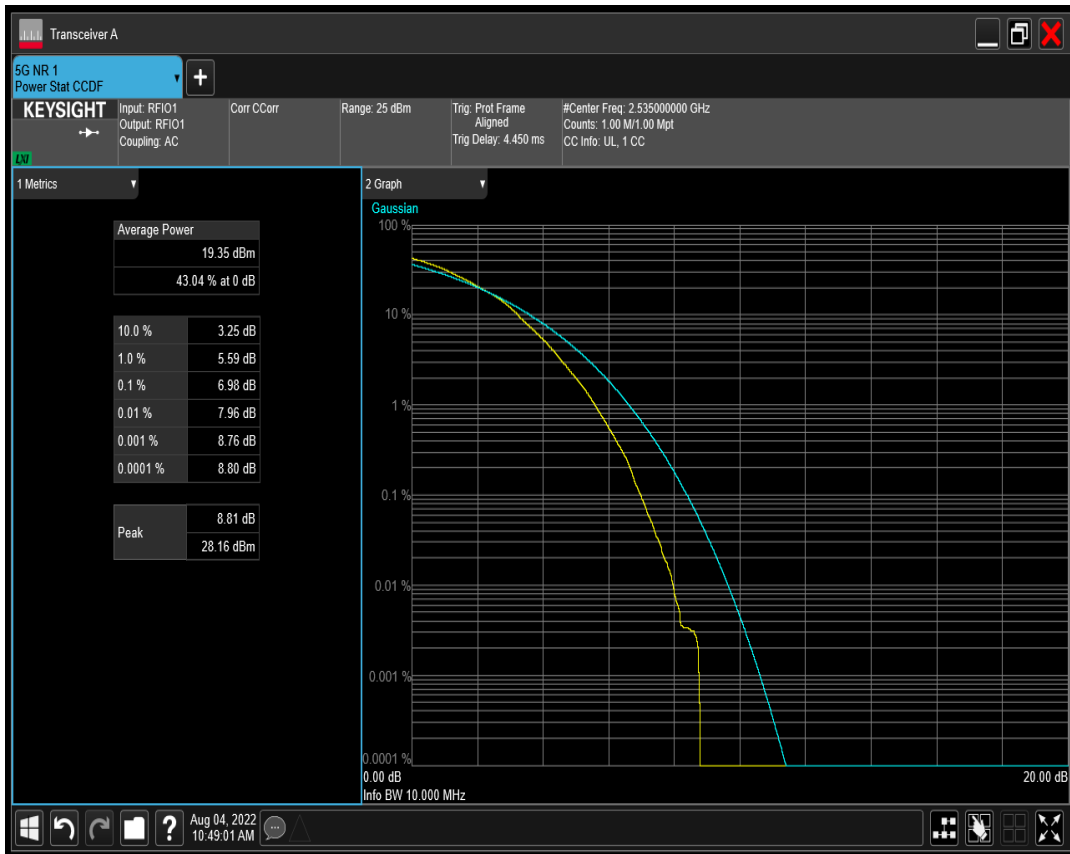
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=507000 RB=24@0



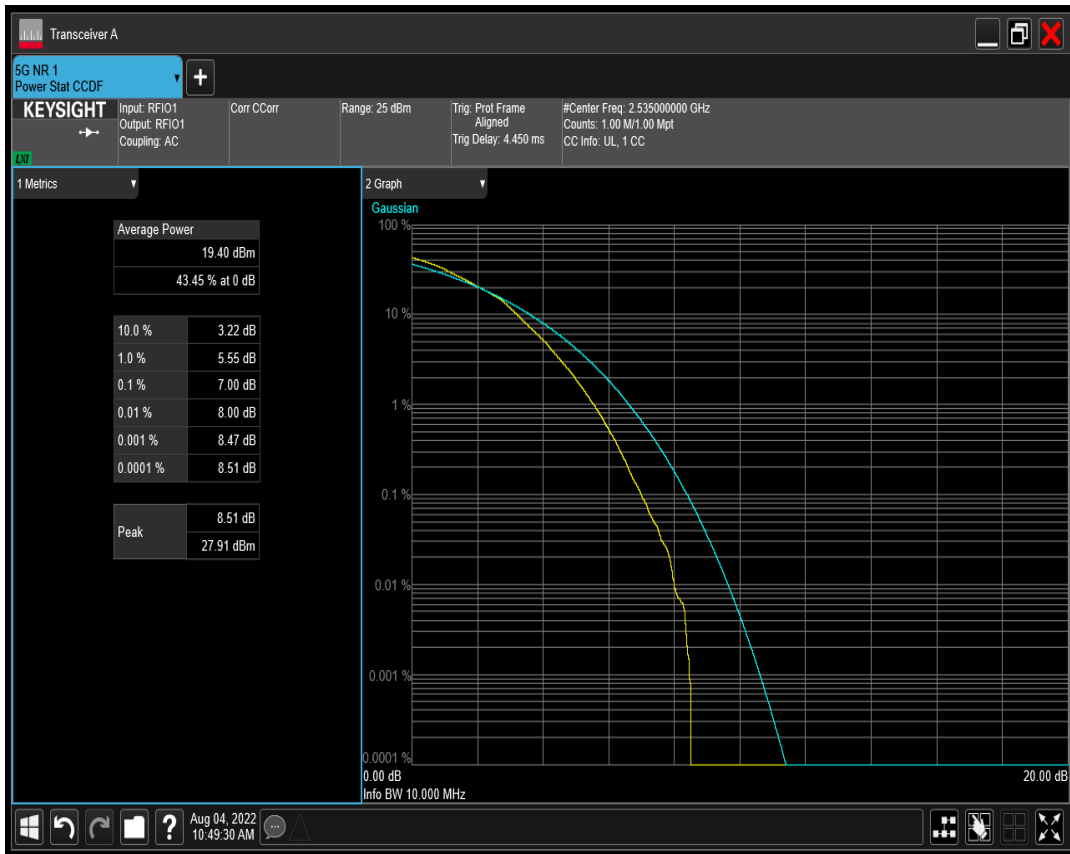
n7 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=507000 RB=24@0



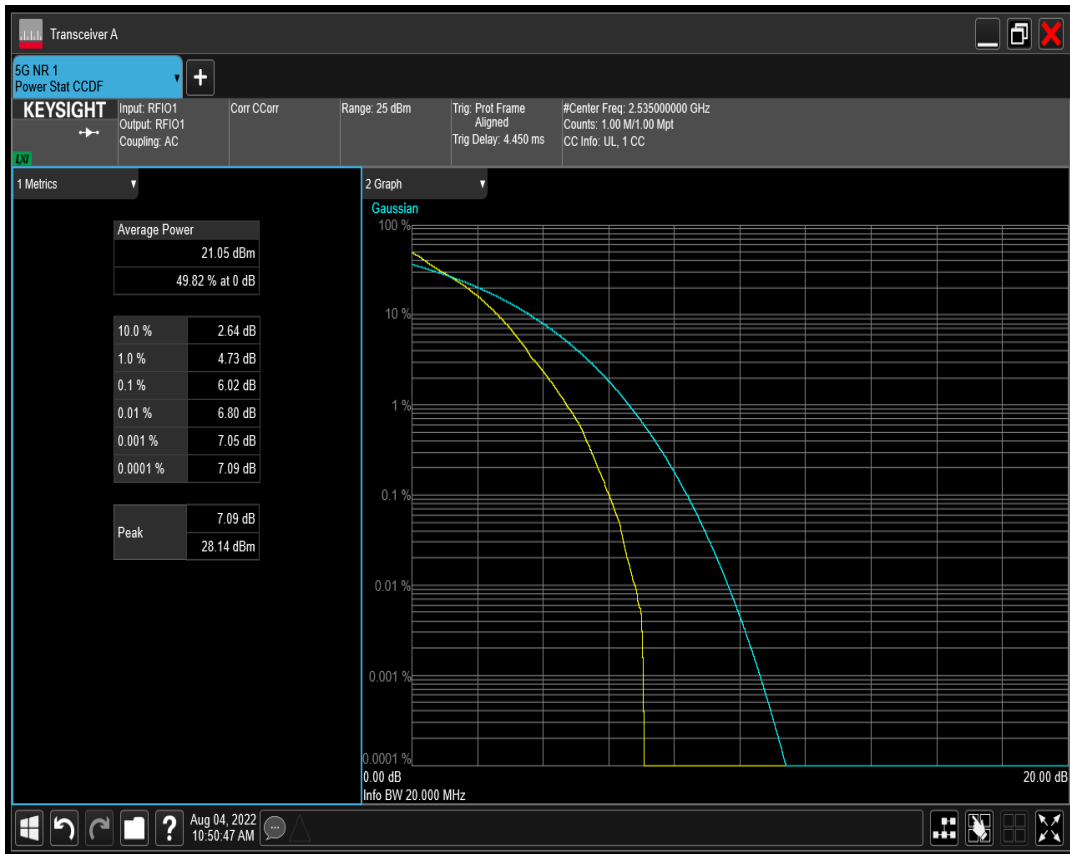
n7 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=507000 RB=24@0



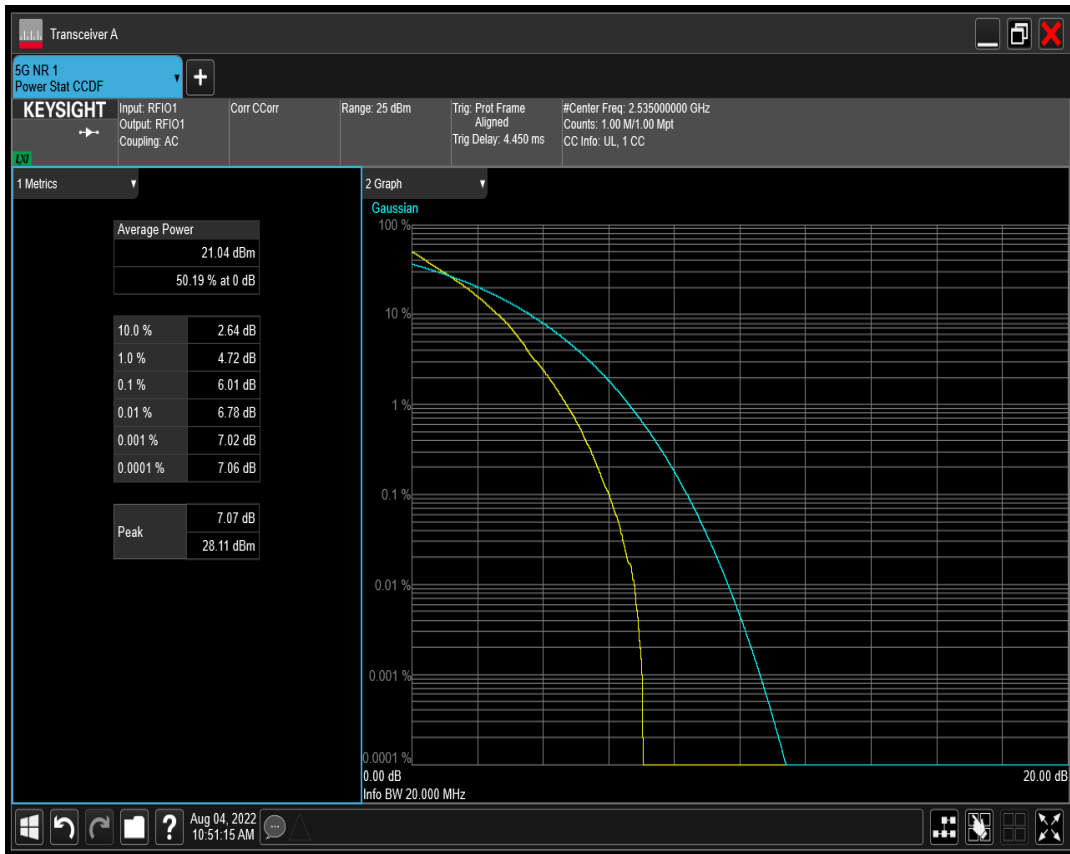
n7 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=507000 RB=24@0



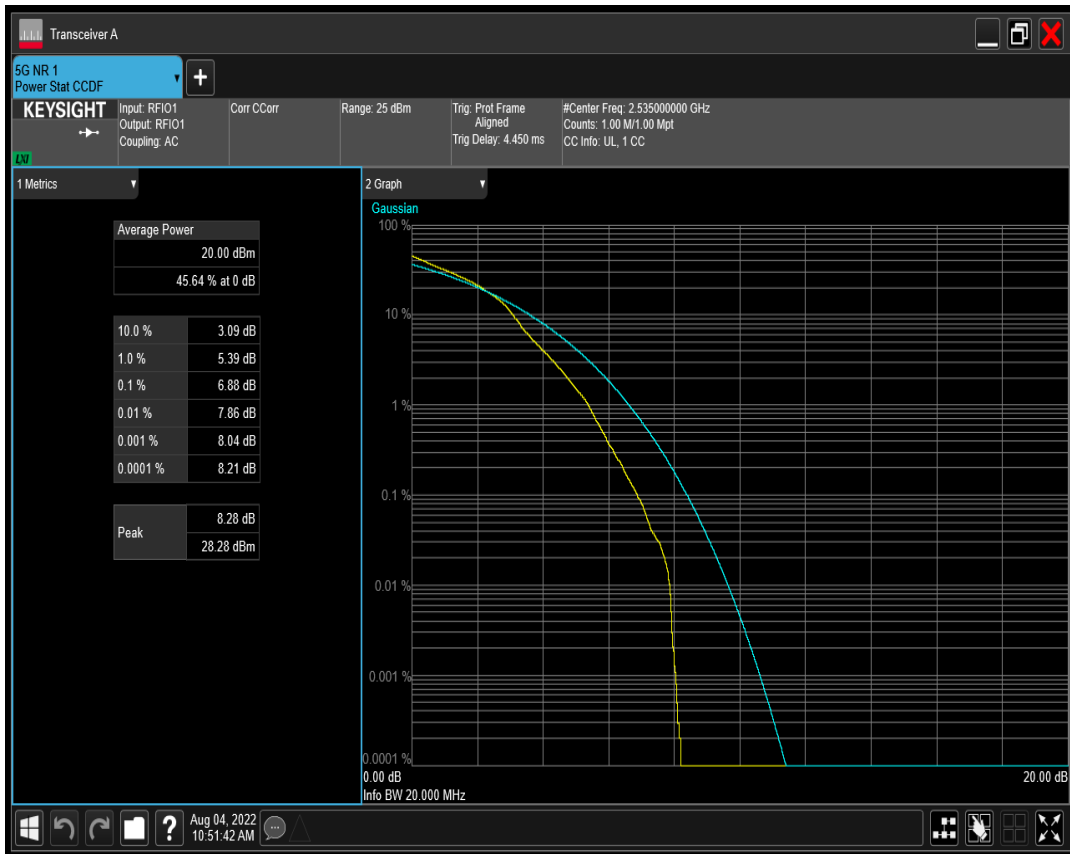
n7 SCS=30kHz DFT\_BPSK BW=15MHz Channel=507000 RB=36@0



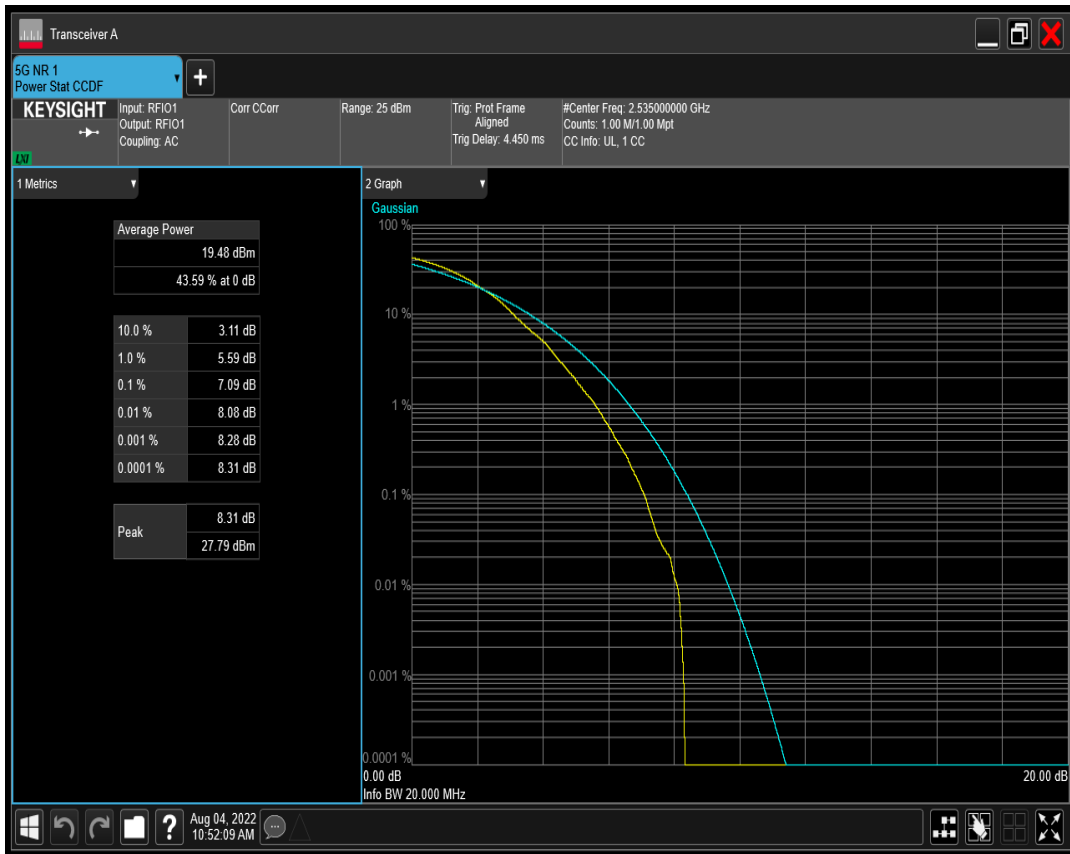
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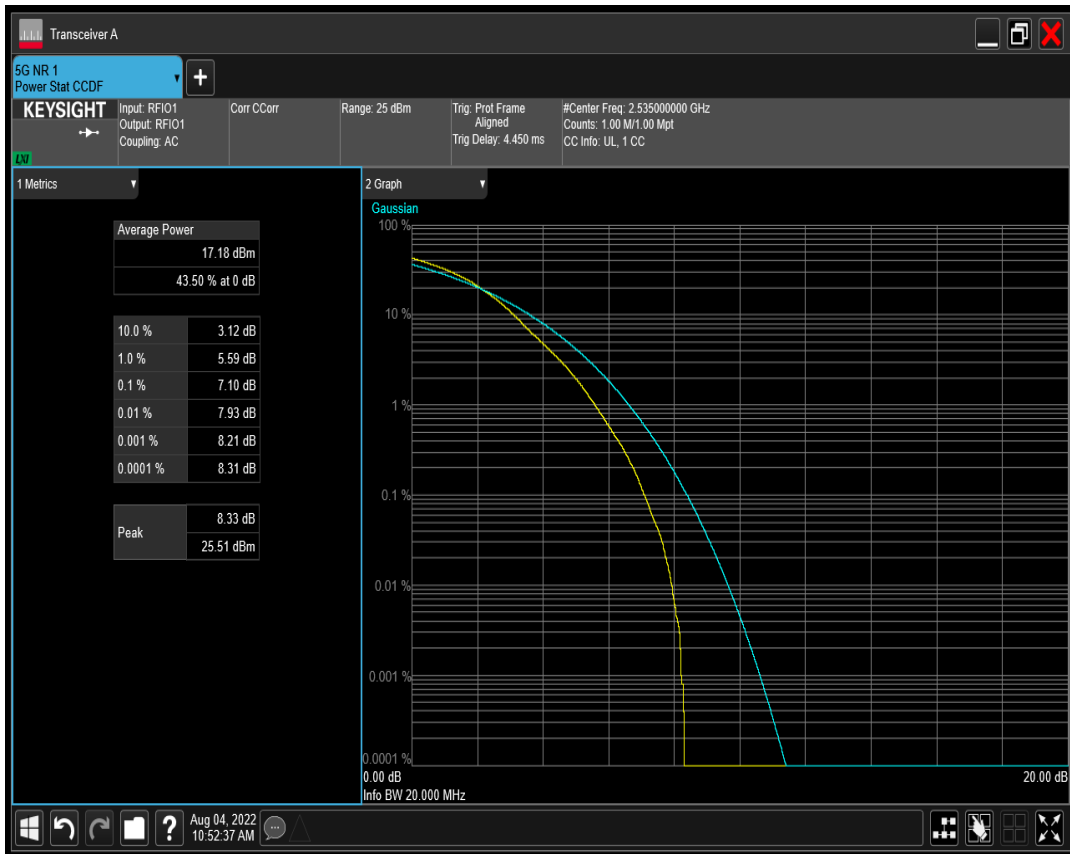
n7 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=507000 RB=36@0



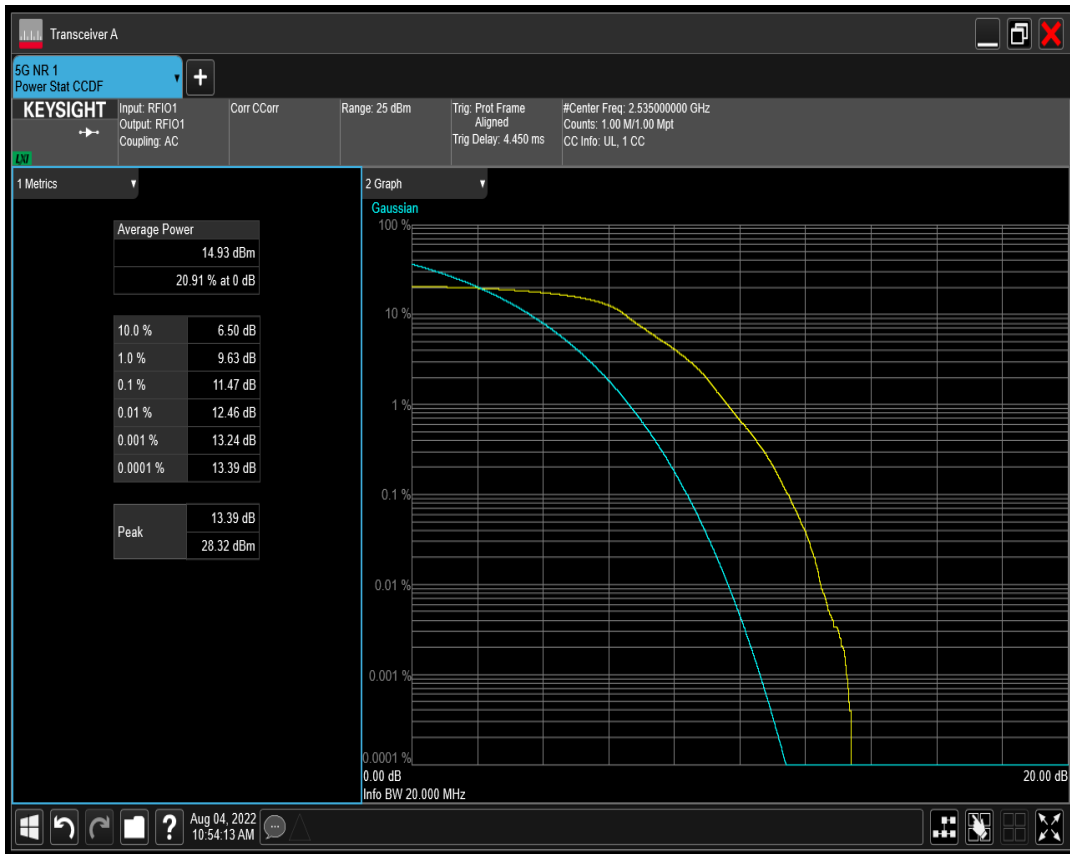
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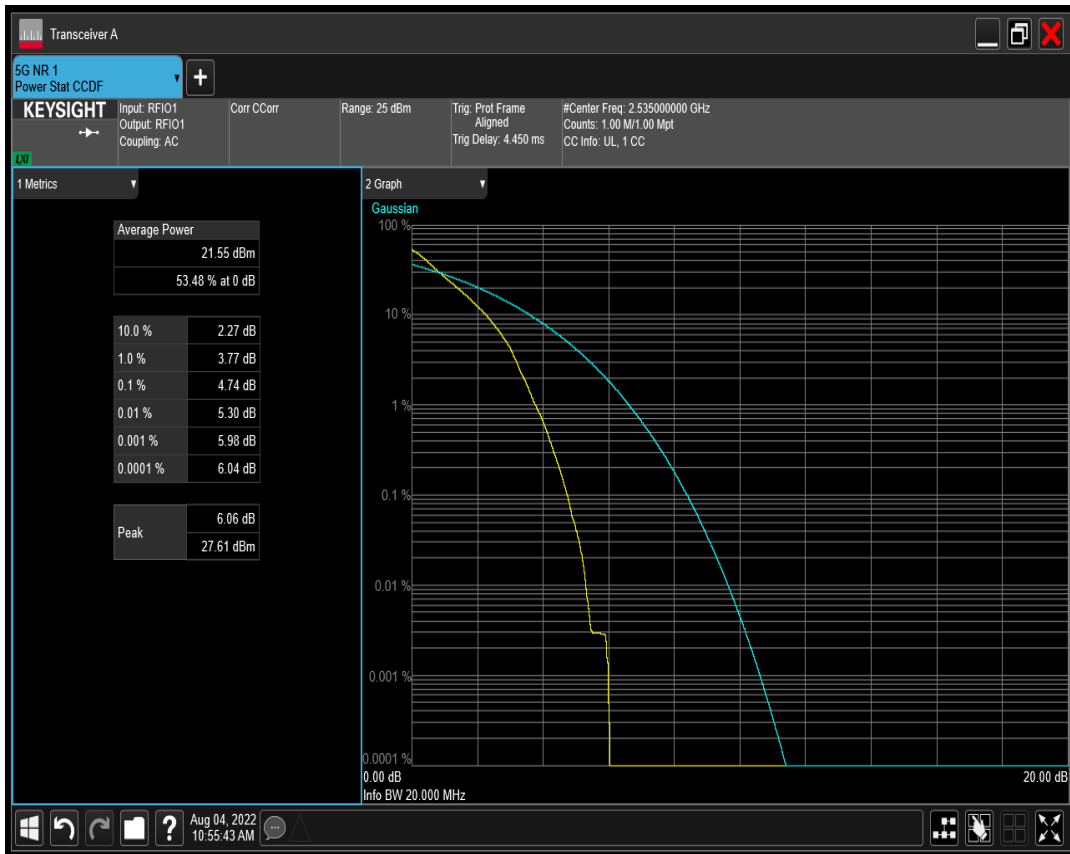
n7 SCS=30kHz DFT\_QAM256 BW=15MHz Channel=507000 RB=36@0



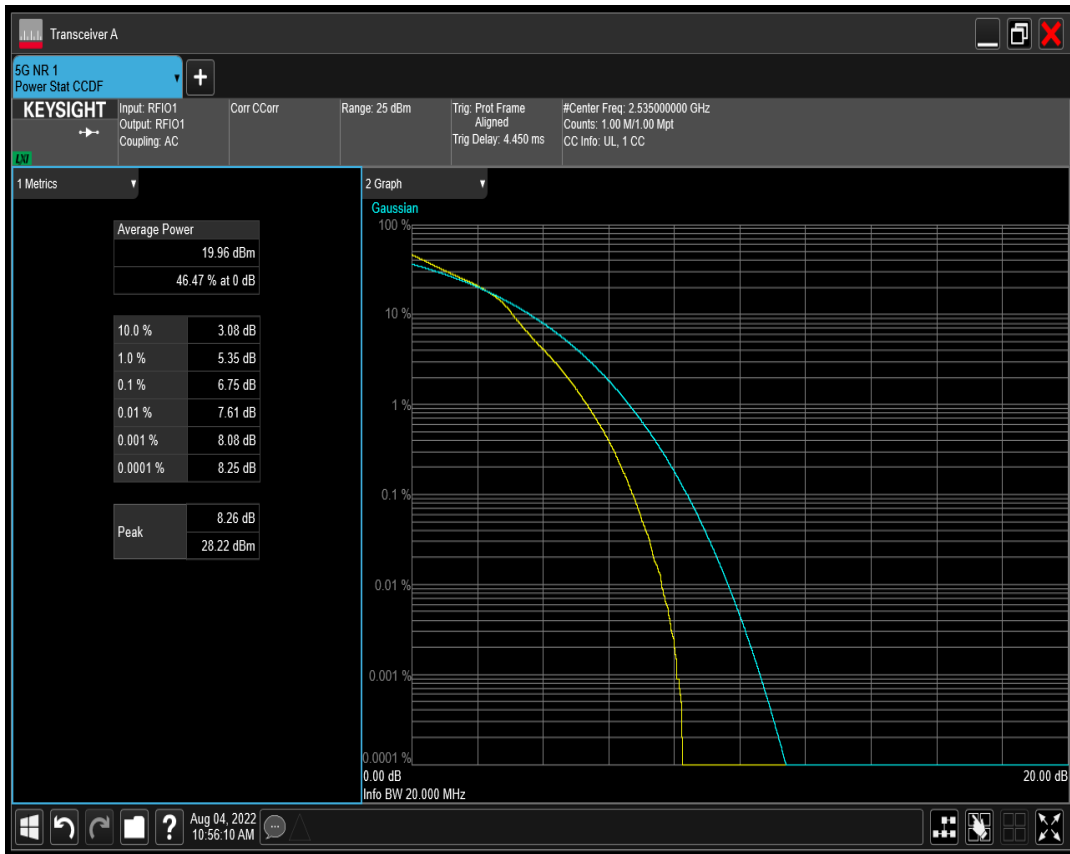
n7 SCS=30kHz DFT\_BPSK BW=20MHz Channel=507000 RB=50@0



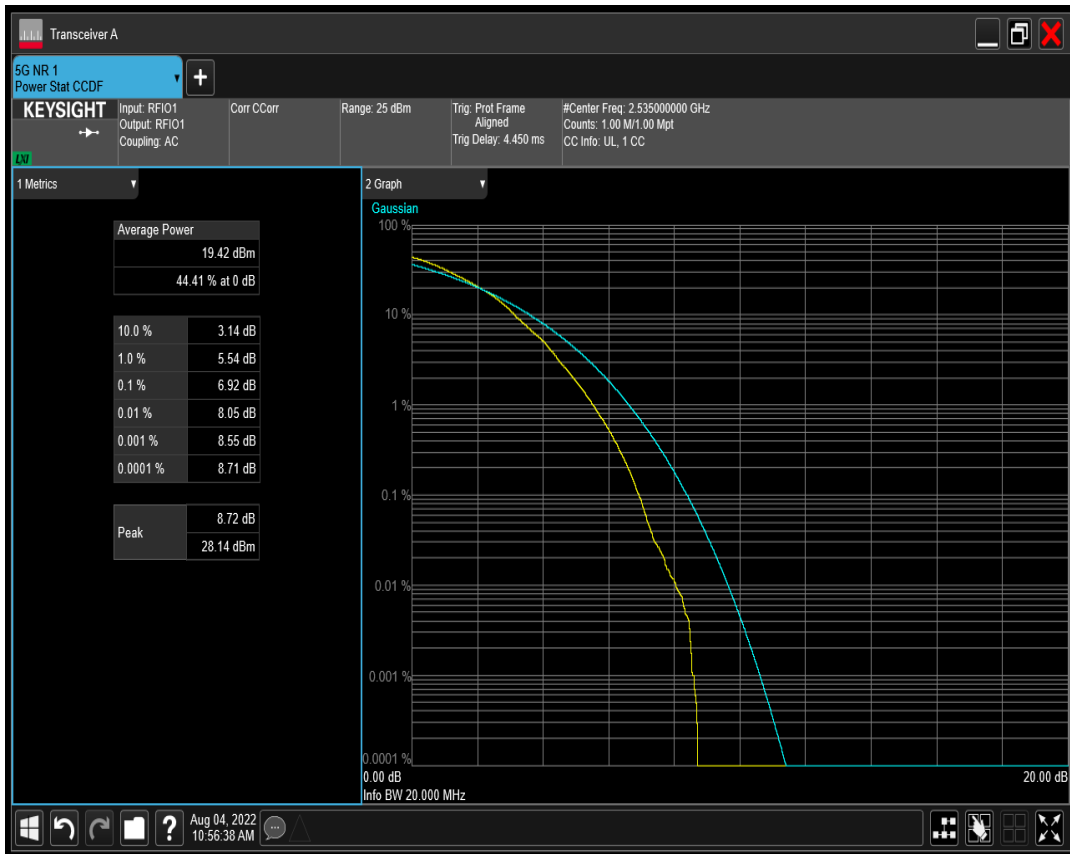
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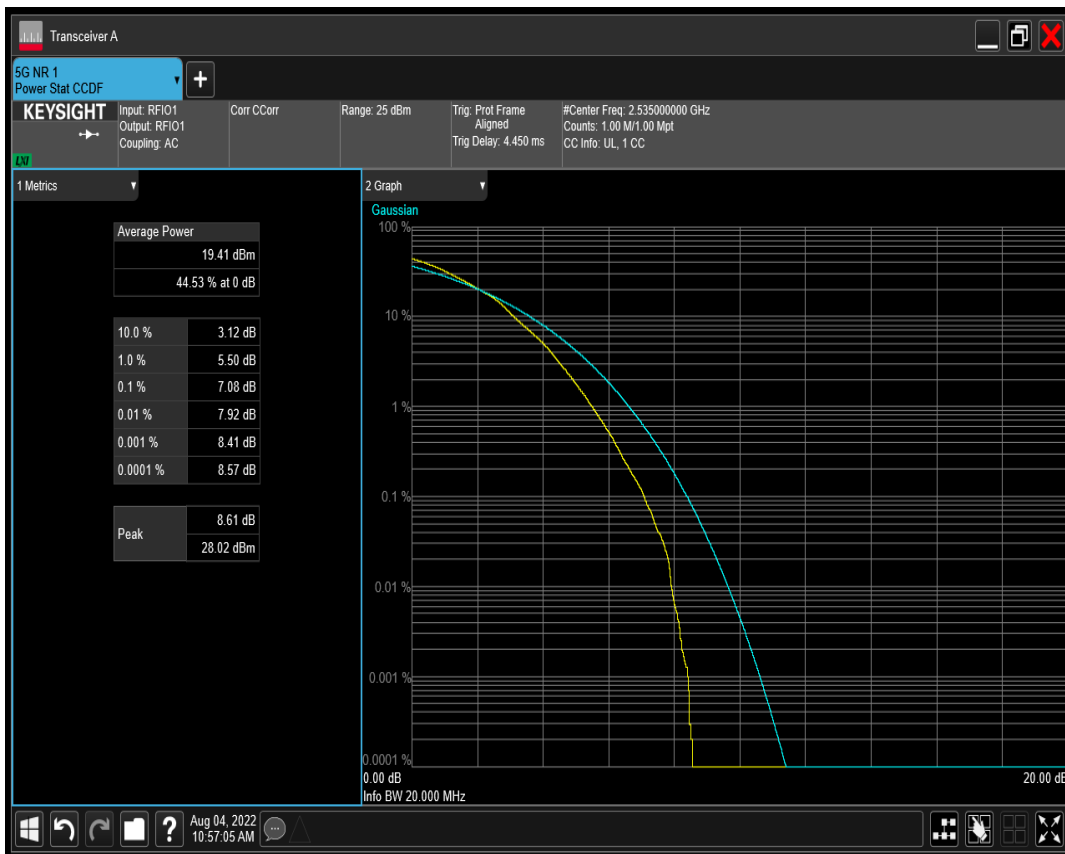
n7 SCS=30kHz DFT\_QAM16 BW=20MHz Channel=507000 RB=50@0



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



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



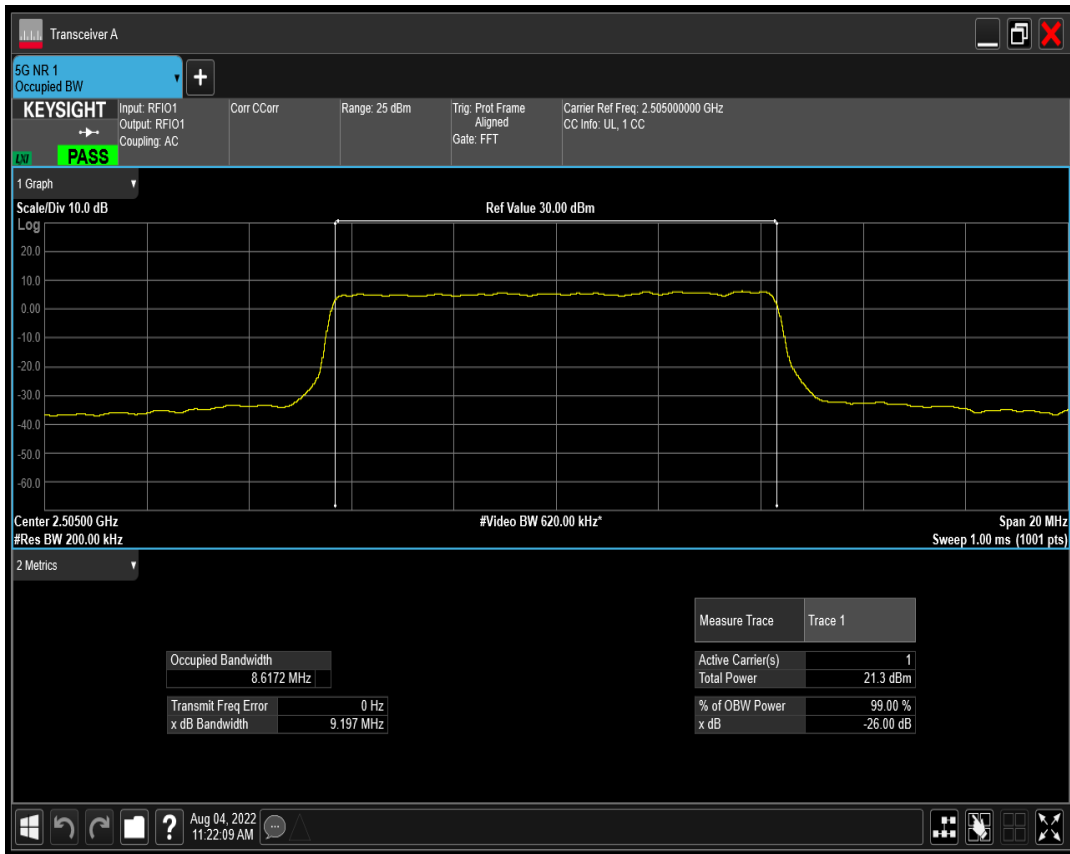


### 4 Occupied bandwidth for NR FR1

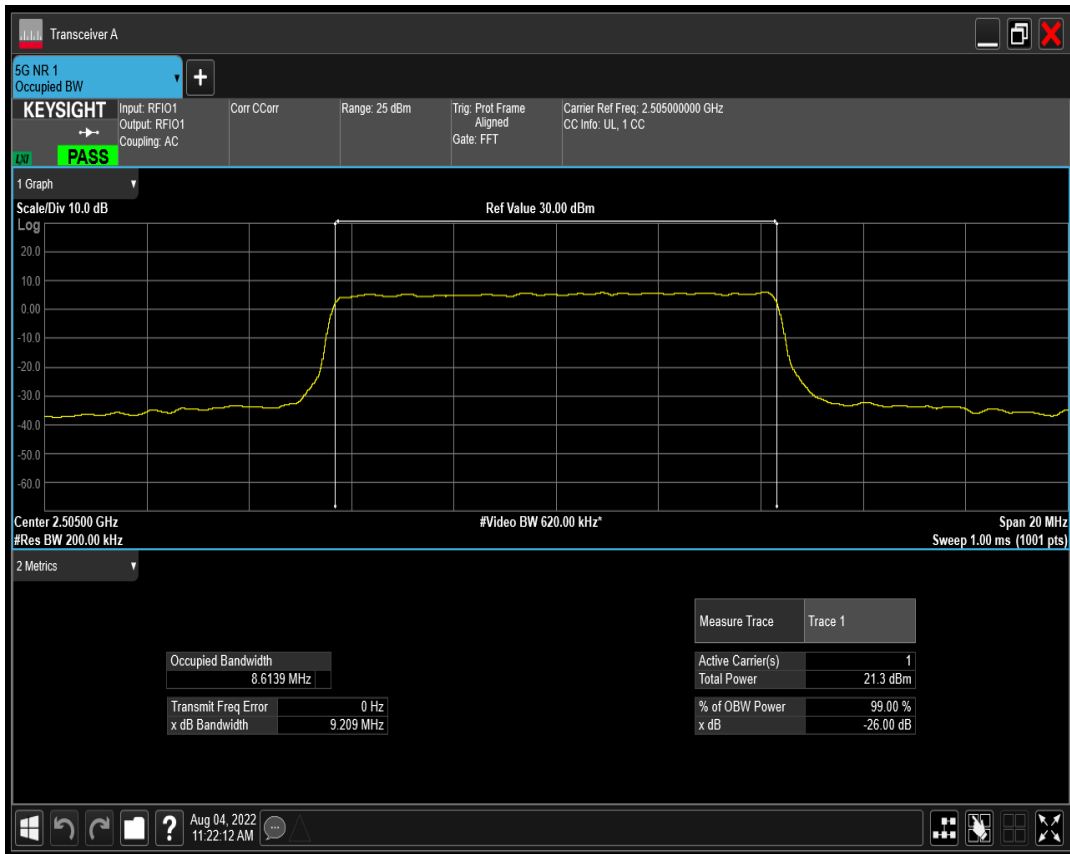
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n7	30	10	501000	24@0	DFT_BPSK	8.620	9.200	PASS
n7	30	10	501000	24@0	DFT_QPSK	8.610	9.210	PASS
n7	30	10	501000	24@0	DFT_QAM16	8.640	9.200	PASS
n7	30	10	501000	24@0	DFT_QAM64	8.610	9.200	PASS
n7	30	10	501000	24@0	DFT_QAM256	8.640	9.240	PASS
n7	30	10	501000	24@0	CP_QPSK	8.620	9.200	PASS
n7	30	10	507000	24@0	DFT_BPSK	8.620	9.210	PASS
n7	30	10	507000	24@0	DFT_QPSK	8.620	9.210	PASS
n7	30	10	507000	24@0	DFT_QAM16	8.620	9.250	PASS
n7	30	10	507000	24@0	DFT_QAM64	8.620	9.240	PASS
n7	30	10	507000	24@0	DFT_QAM256	8.640	9.210	PASS
n7	30	10	507000	24@0	CP_QPSK	8.620	9.180	PASS
n7	30	10	513000	24@0	DFT_BPSK	8.620	9.160	PASS
n7	30	10	513000	24@0	DFT_QPSK	8.620	9.250	PASS
n7	30	10	513000	24@0	DFT_QAM16	8.640	9.210	PASS
n7	30	10	513000	24@0	DFT_QAM64	8.620	9.220	PASS
n7	30	10	513000	24@0	DFT_QAM256	8.640	9.220	PASS
n7	30	10	513000	24@0	CP_QPSK	8.620	9.160	PASS
n7	30	15	501500	36@0	DFT_BPSK	13.460	13.710	PASS
n7	30	15	501500	36@0	DFT_QPSK	13.450	13.690	PASS
n7	30	15	501500	36@0	DFT_QAM16	13.460	13.700	PASS
n7	30	15	501500	36@0	DFT_QAM64	13.450	13.690	PASS
n7	30	15	501500	36@0	DFT_QAM256	13.460	13.790	PASS
n7	30	15	501500	38@0	CP_QPSK	13.630	14.420	PASS
n7	30	15	507000	36@0	DFT_BPSK	13.510	13.720	PASS
n7	30	15	507000	36@0	DFT_QPSK	13.510	13.730	PASS
n7	30	15	507000	36@0	DFT_QAM16	13.520	13.710	PASS
n7	30	15	507000	36@0	DFT_QAM64	13.510	13.720	PASS
n7	30	15	507000	36@0	DFT_QAM256	13.520	13.720	PASS
n7	30	15	507000	38@0	CP_QPSK	13.640	14.420	PASS
n7	30	15	512500	36@0	DFT_BPSK	13.510	13.760	PASS
n7	30	15	512500	36@0	DFT_QPSK	13.510	13.710	PASS
n7	30	15	512500	36@0	DFT_QAM16	13.510	13.700	PASS
n7	30	15	512500	36@0	DFT_QAM64	13.520	13.700	PASS
n7	30	15	512500	36@0	DFT_QAM256	13.510	13.720	PASS
n7	30	15	512500	38@0	CP_QPSK	13.630	14.400	PASS
n7	30	20	502000	50@0	DFT_BPSK	18.030	18.950	PASS
n7	30	20	502000	50@0	DFT_QPSK	18.030	18.970	PASS
n7	30	20	502000	50@0	DFT_QAM16	18.030	18.940	PASS

n7	30	20	502000	50@0	DFT_QAM64	18.030	18.940	PASS
n7	30	20	502000	50@0	DFT_QAM256	18.020	18.950	PASS
n7	30	20	502000	51@0	CP_QPSK	18.270	19.290	PASS
n7	30	20	507000	50@0	DFT_BPSK	18.110	18.960	PASS
n7	30	20	507000	50@0	DFT_QPSK	18.110	18.980	PASS
n7	30	20	507000	50@0	DFT_QAM16	18.110	18.950	PASS
n7	30	20	507000	50@0	DFT_QAM64	18.110	18.980	PASS
n7	30	20	507000	50@0	DFT_QAM256	18.100	18.940	PASS
n7	30	20	507000	51@0	CP_QPSK	18.270	19.340	PASS
n7	30	20	512000	50@0	DFT_BPSK	18.110	18.960	PASS
n7	30	20	512000	50@0	DFT_QPSK	18.110	18.960	PASS
n7	30	20	512000	50@0	DFT_QAM16	18.100	18.950	PASS
n7	30	20	512000	50@0	DFT_QAM64	18.110	18.930	PASS
n7	30	20	512000	50@0	DFT_QAM256	18.100	18.940	PASS
n7	30	20	512000	51@0	CP_QPSK	18.270	19.300	PASS

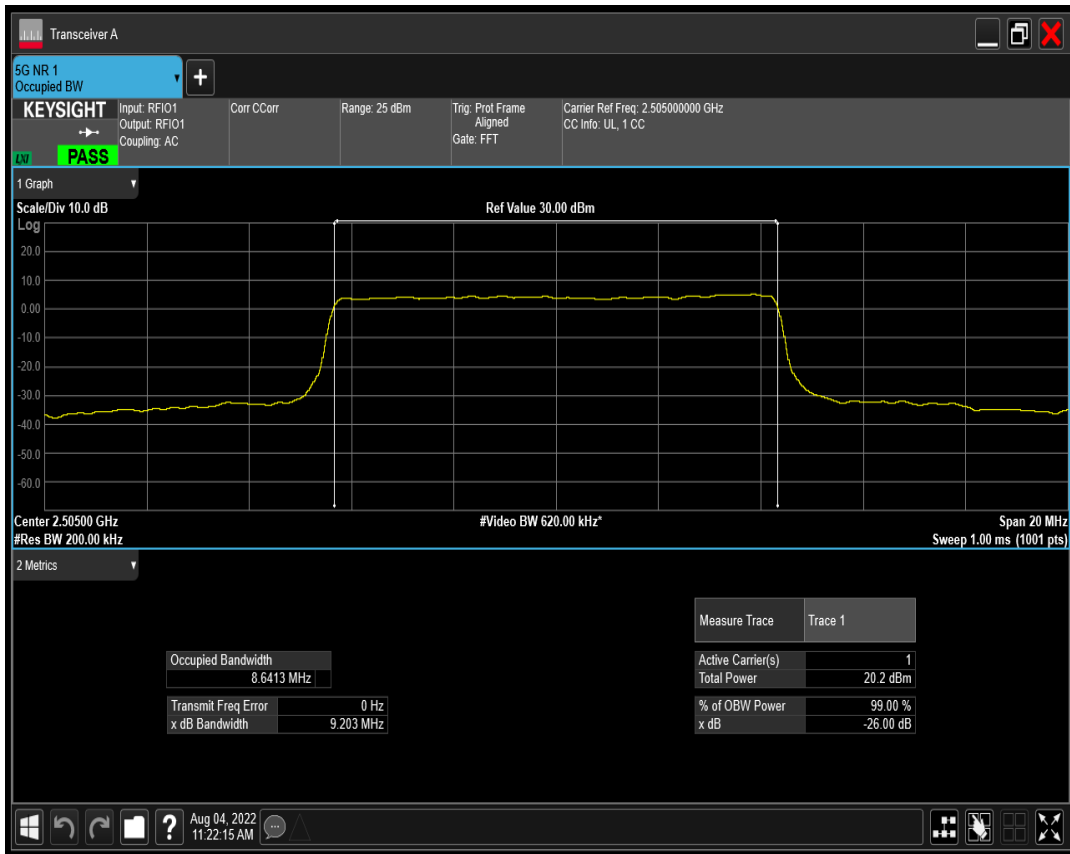
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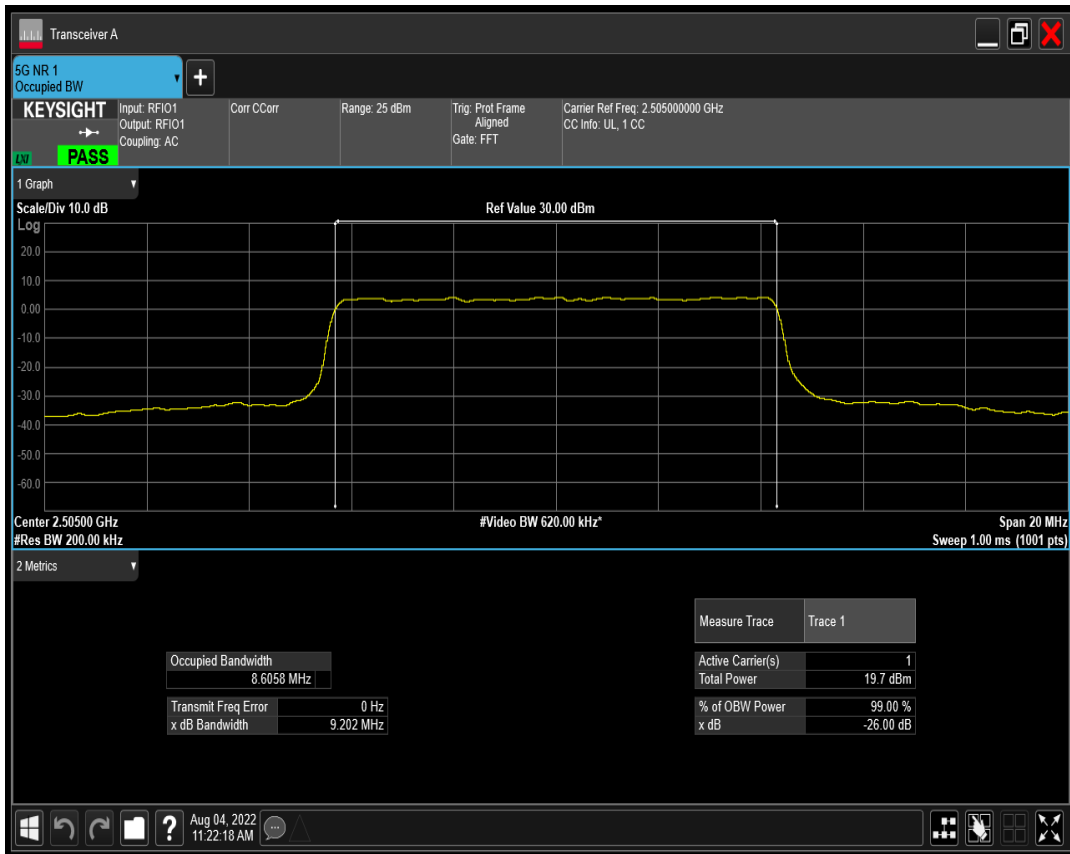
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=501000 RB=24@0



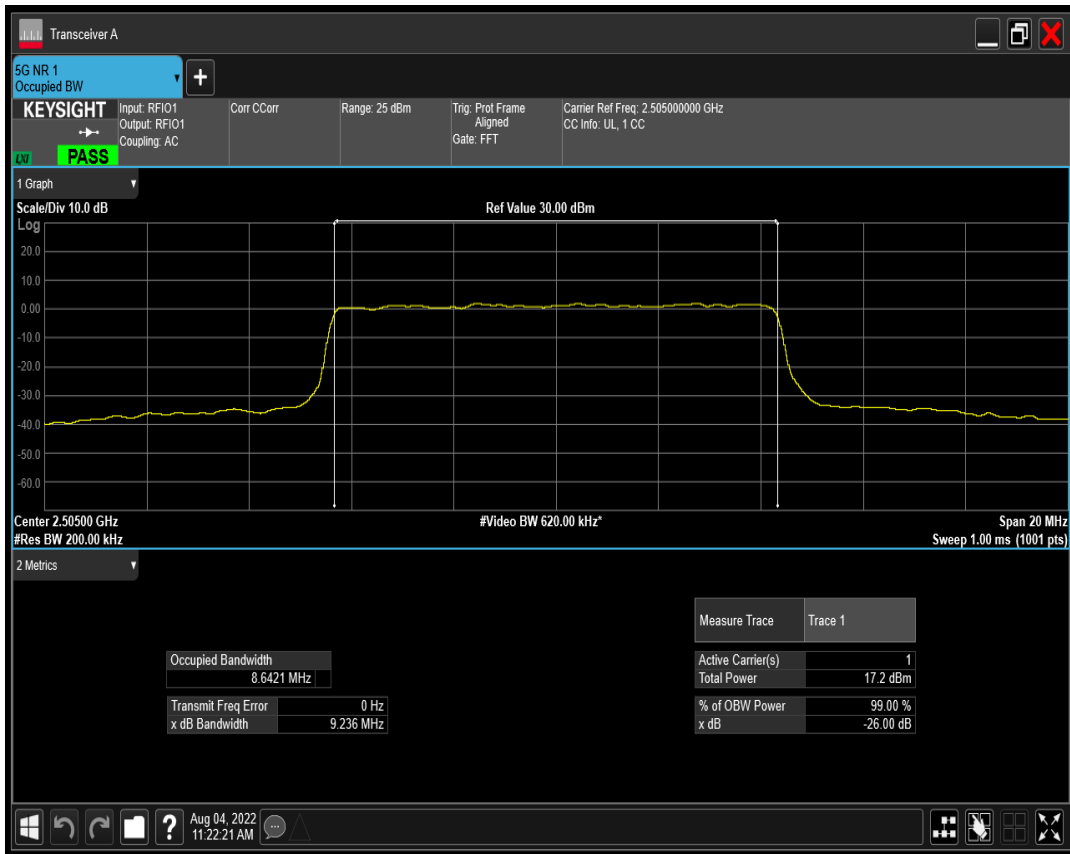
n7 SCS=30kHz DFT\_QAM16 BW=10MHz Channel=501000 RB=24@0



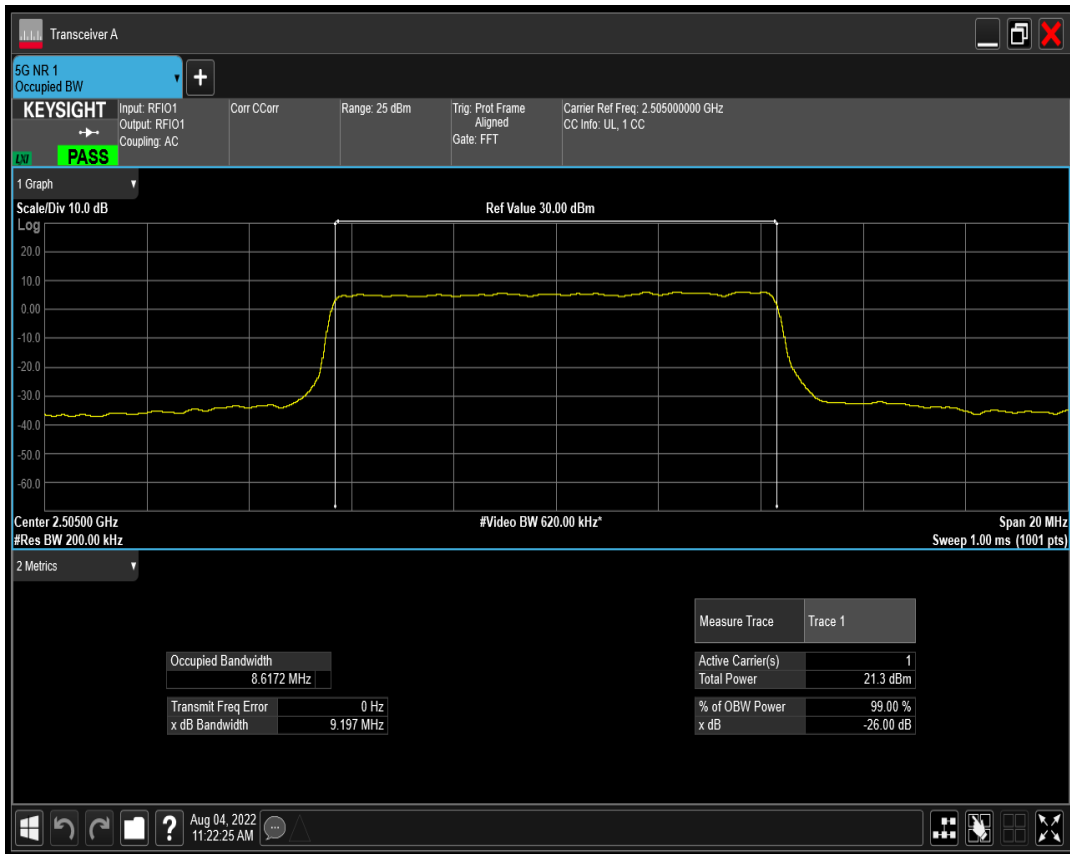
n7 SCS=30kHz DFT\_QAM64 BW=10MHz Channel=501000 RB=24@0



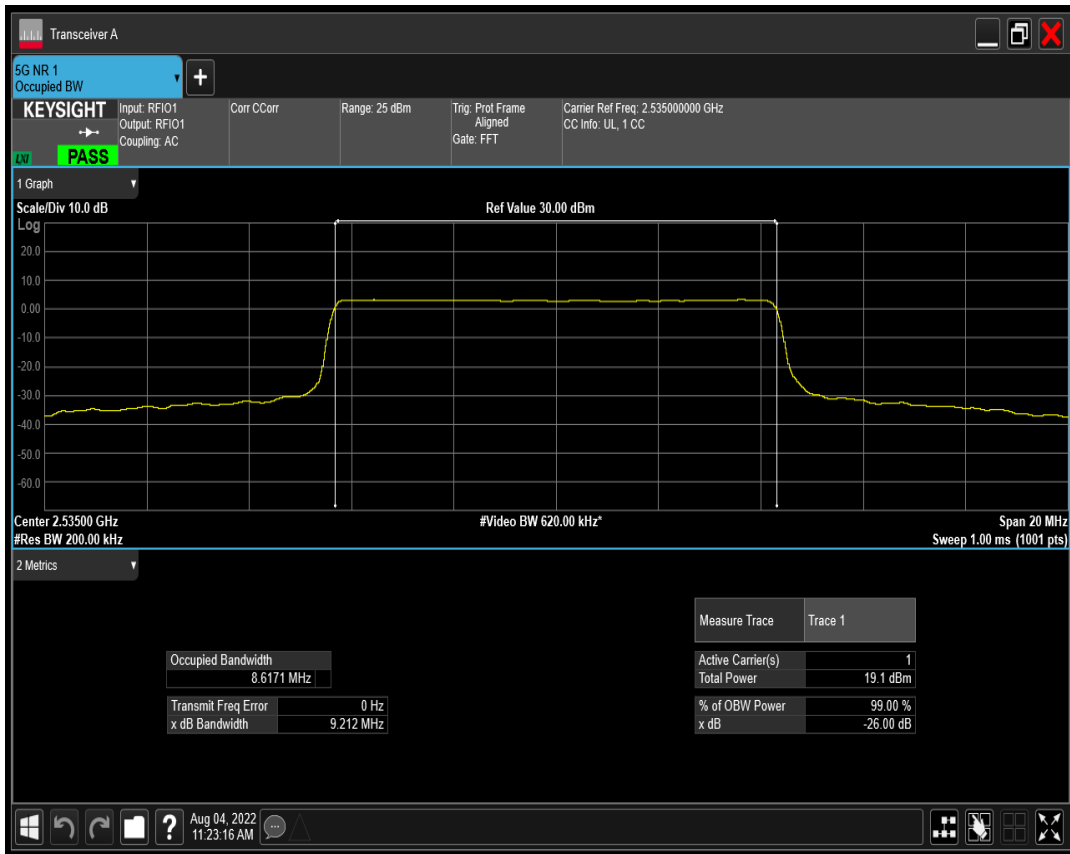
n7 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=501000 RB=24@0



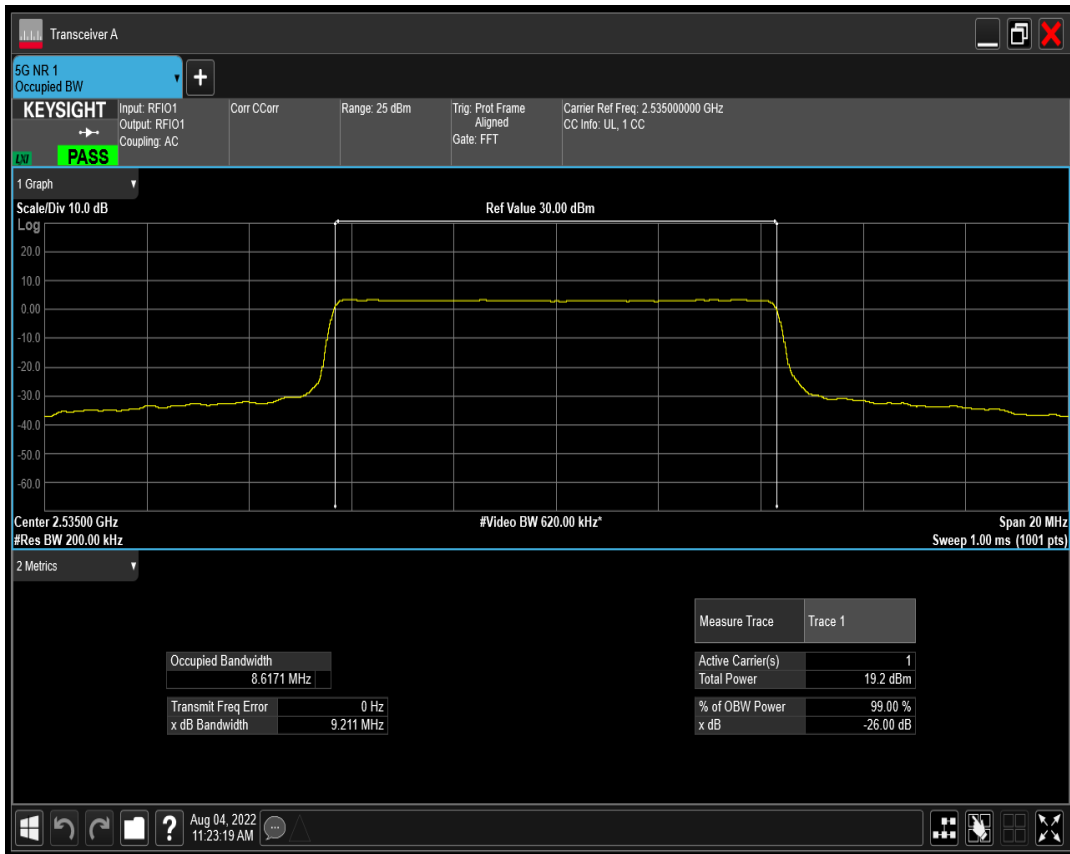
n7 SCS=30kHz CP\_QPSK BW=10MHz Channel=501000 RB=24@0



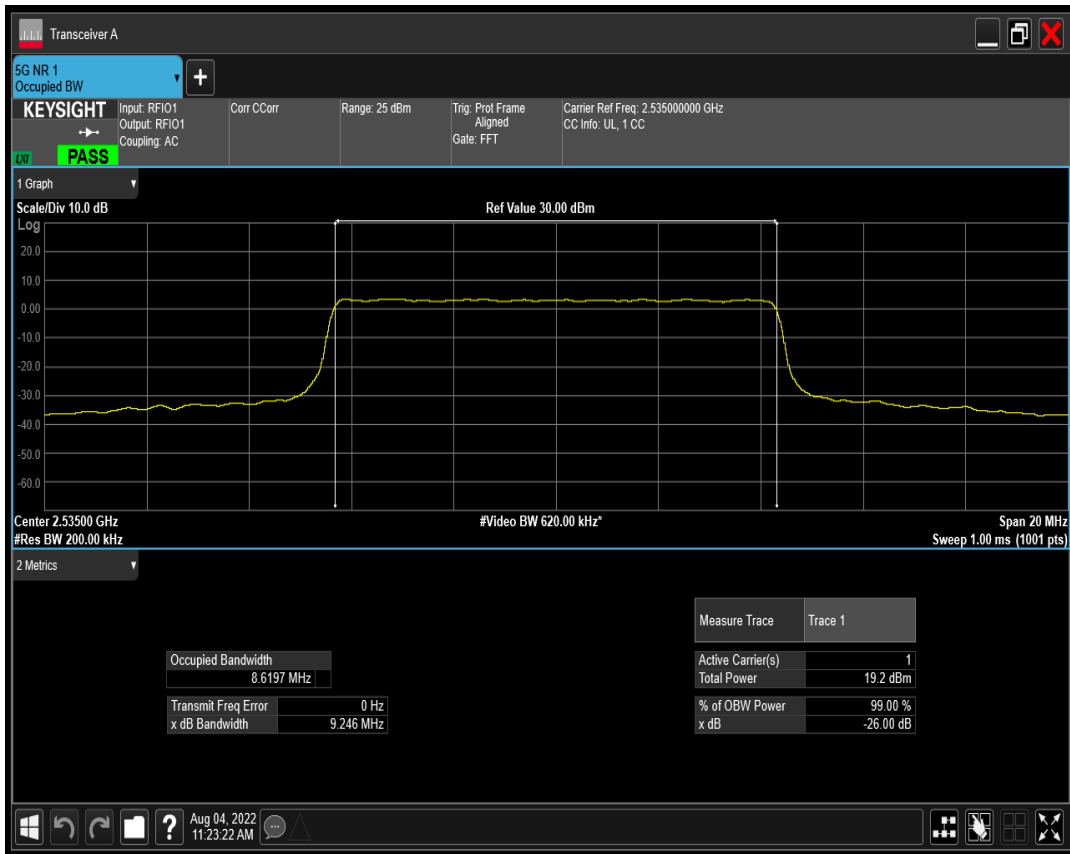
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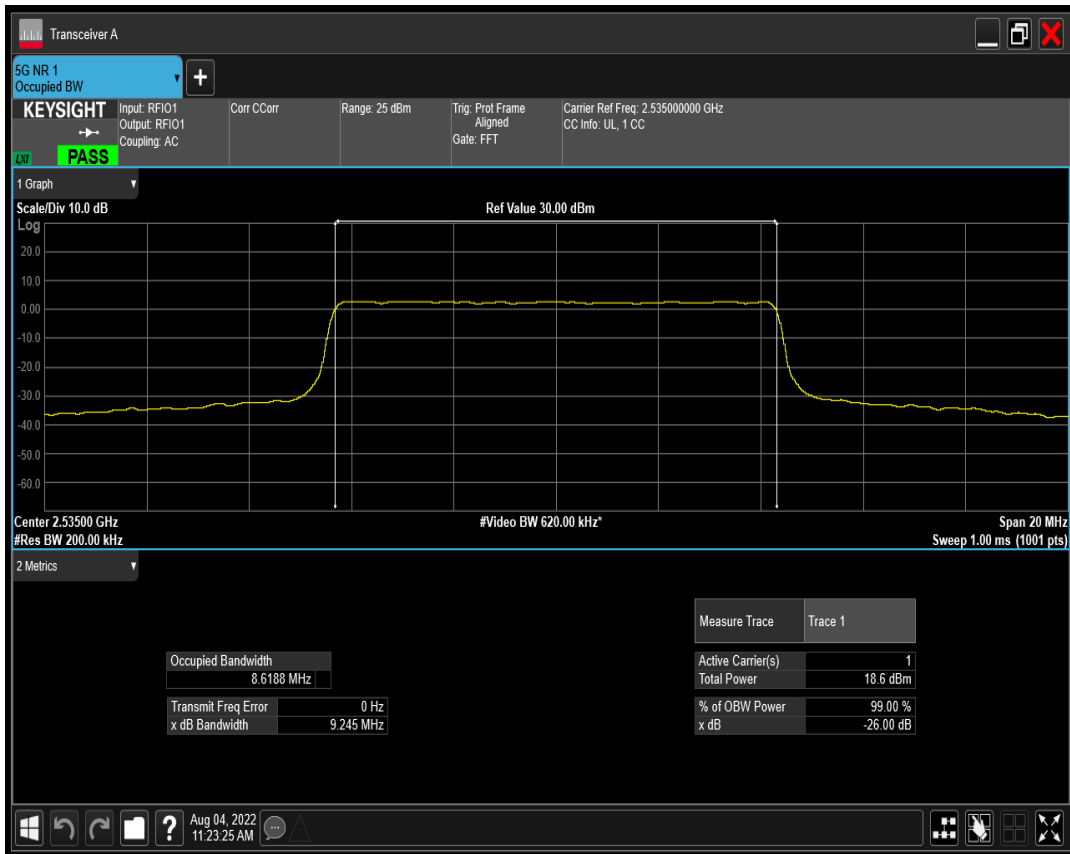
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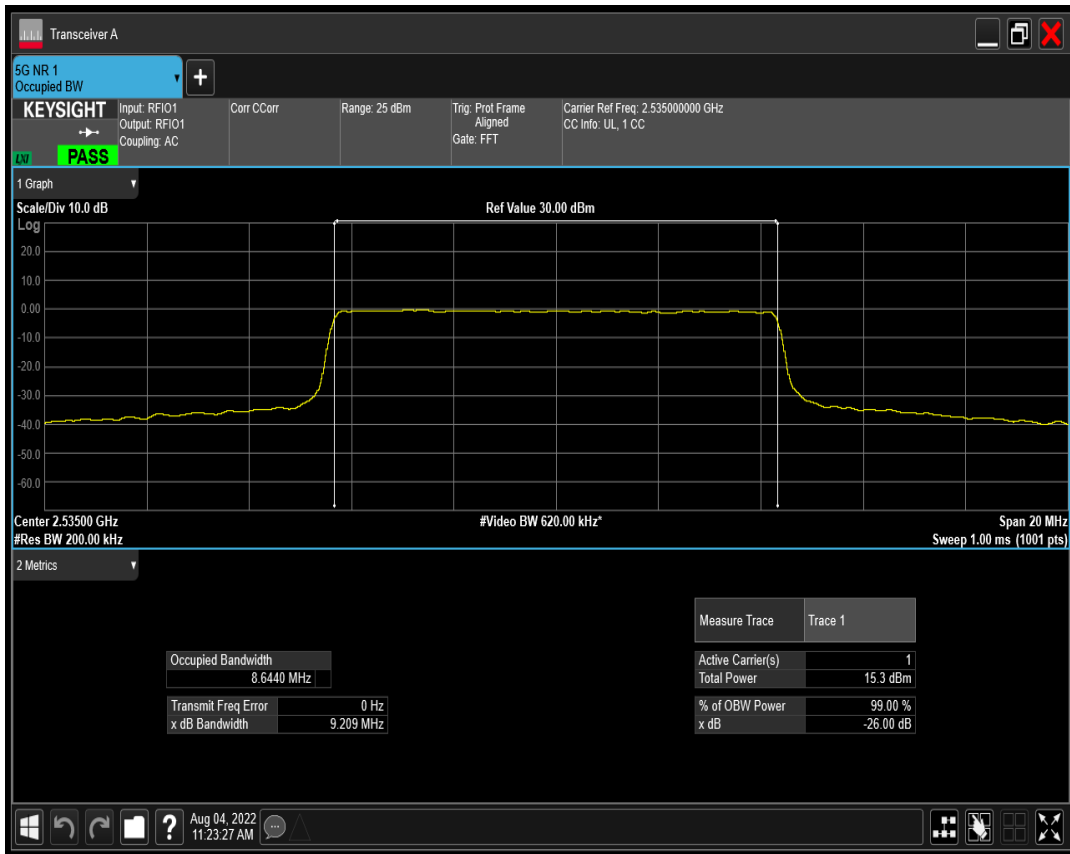
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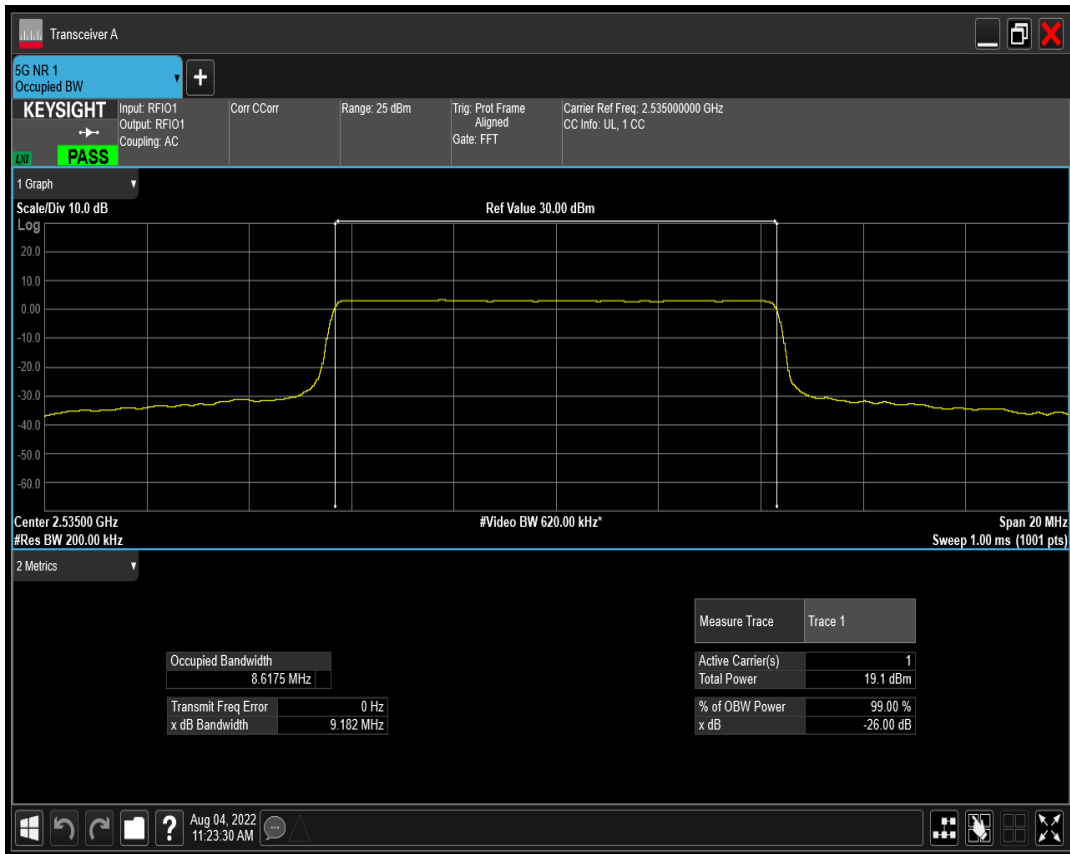
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n7 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=507000 RB=24@0

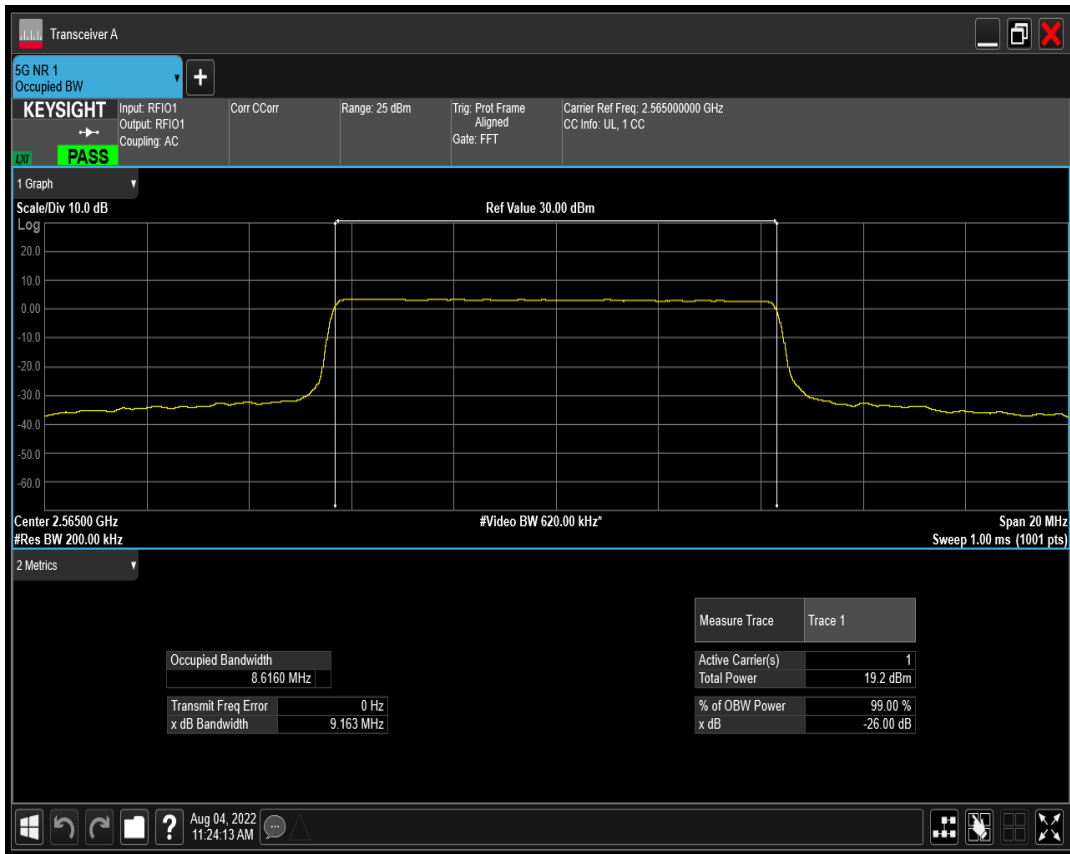


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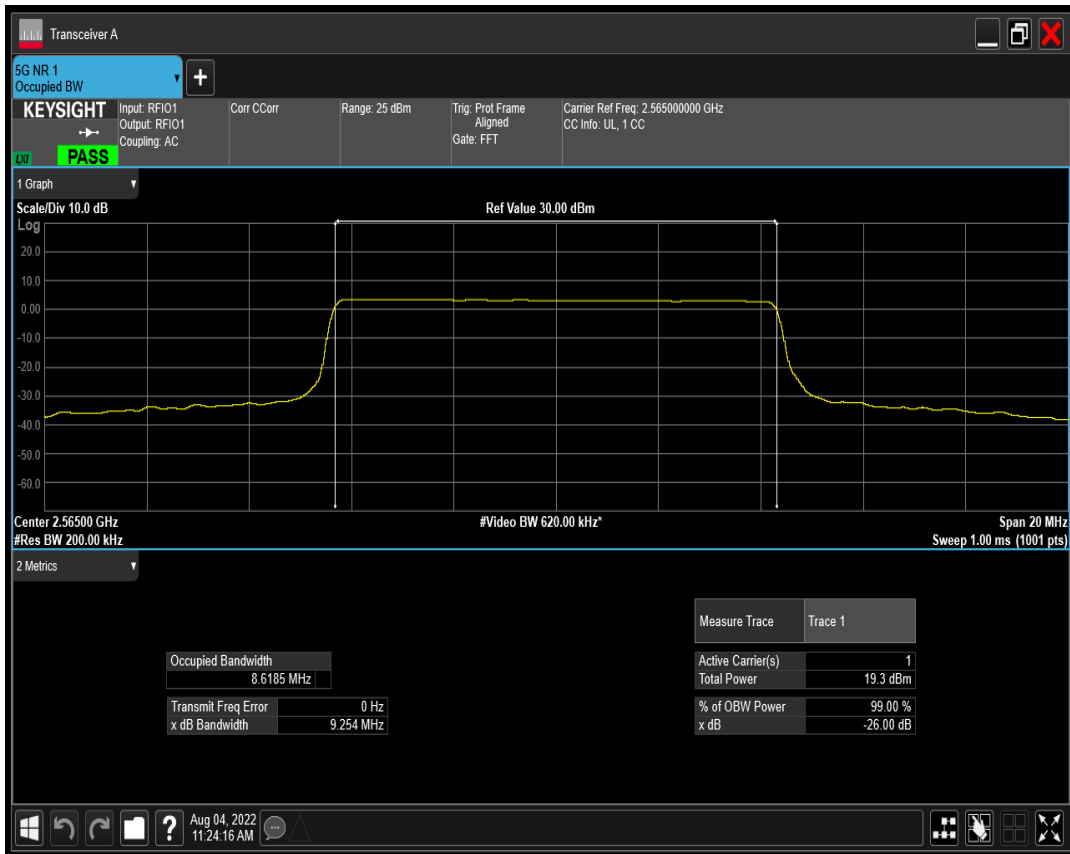




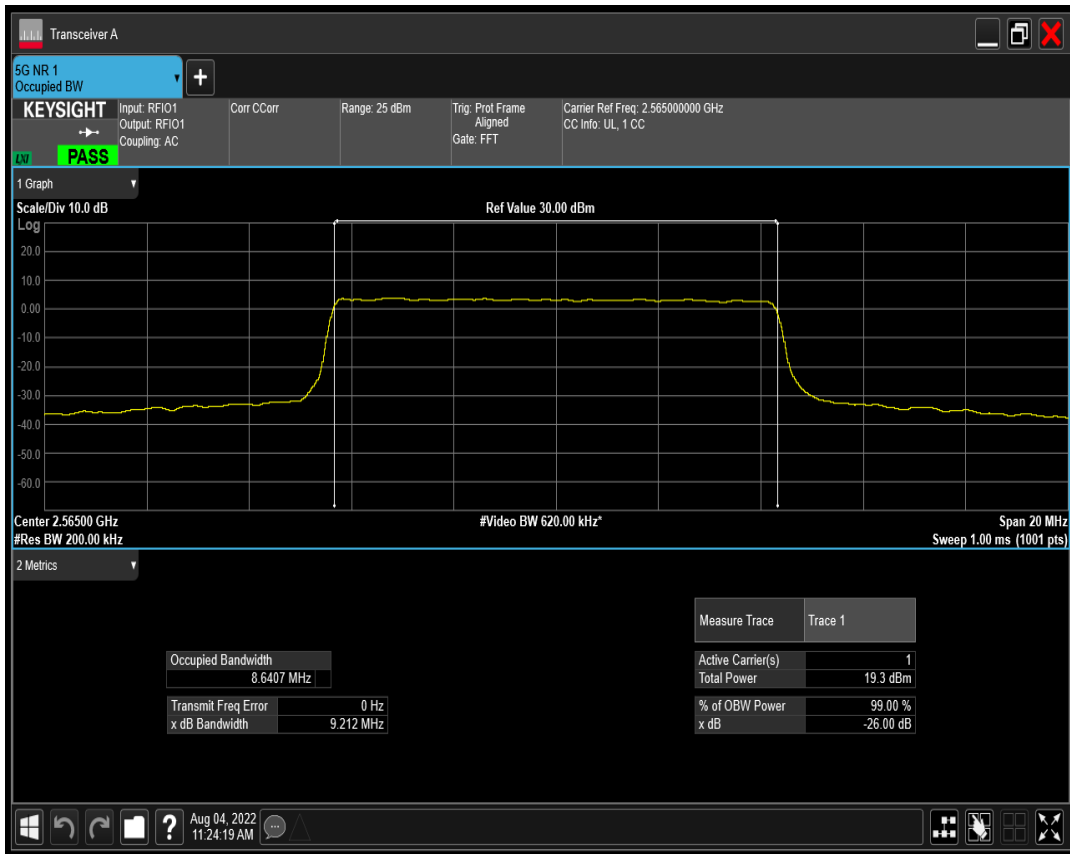
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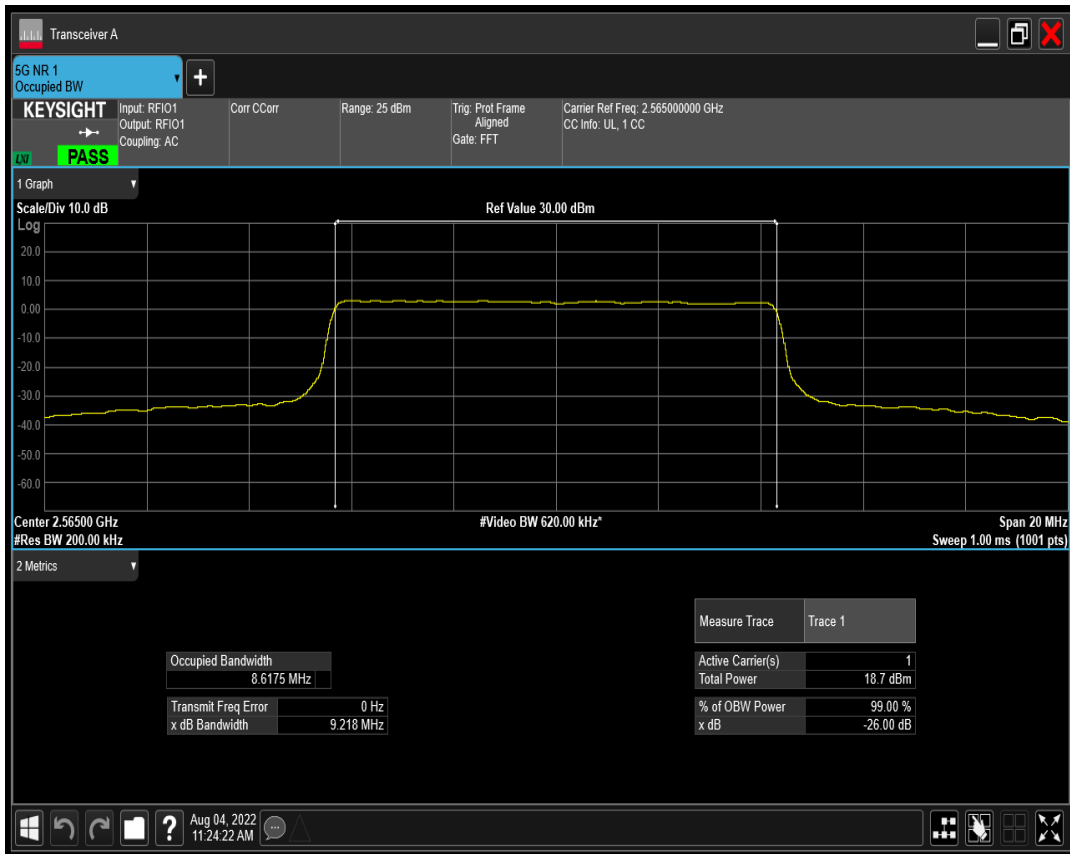
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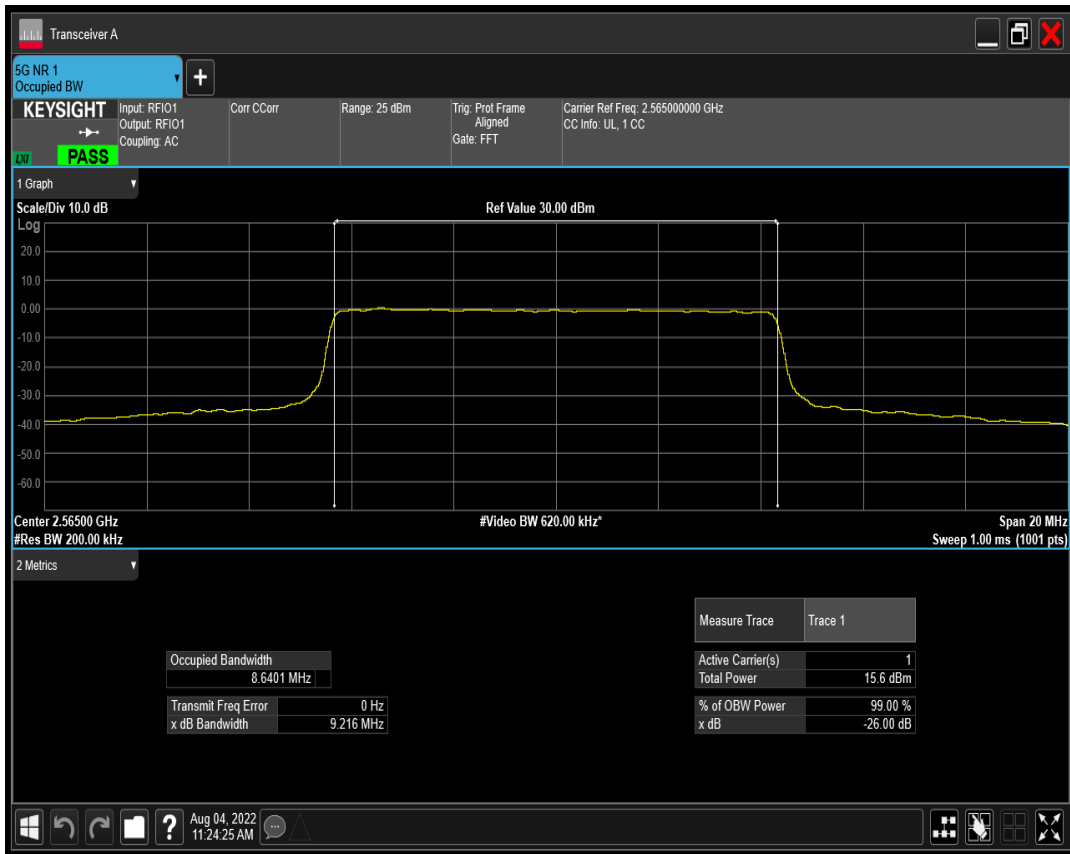
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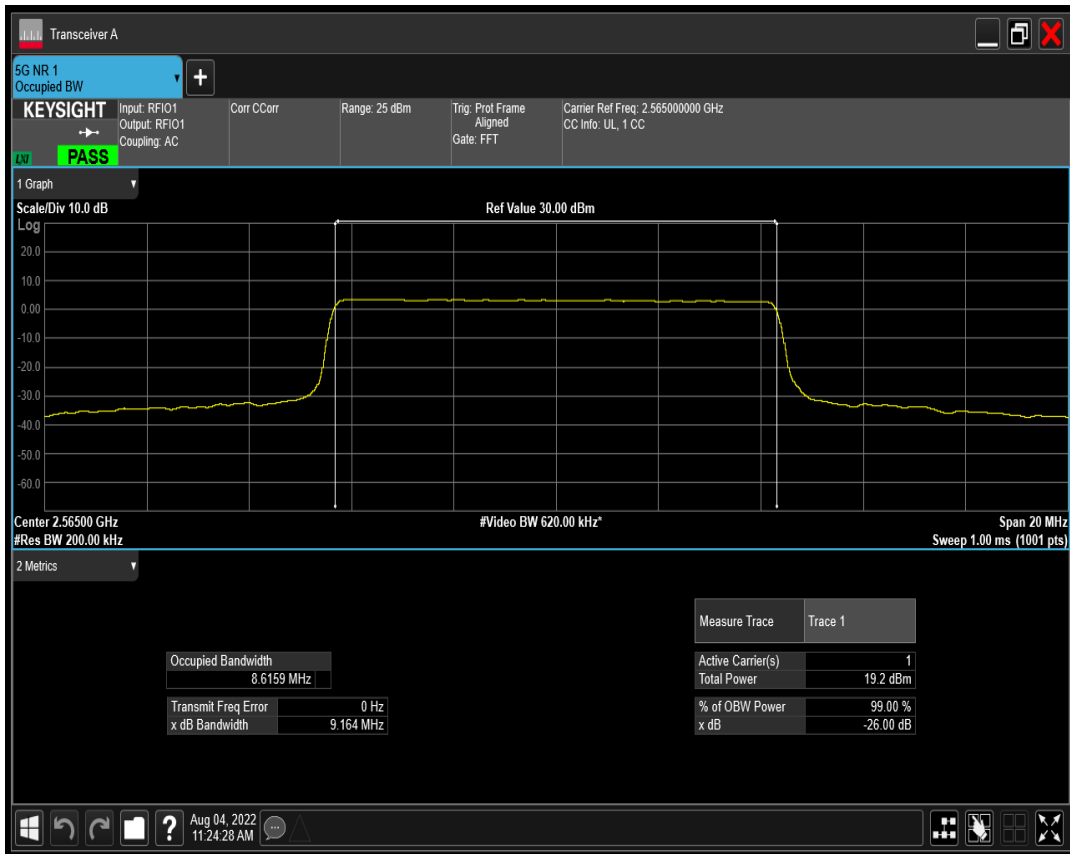
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n7 SCS=30kHz DFT\_QAM256 BW=10MHz Channel=513000 RB=24@0



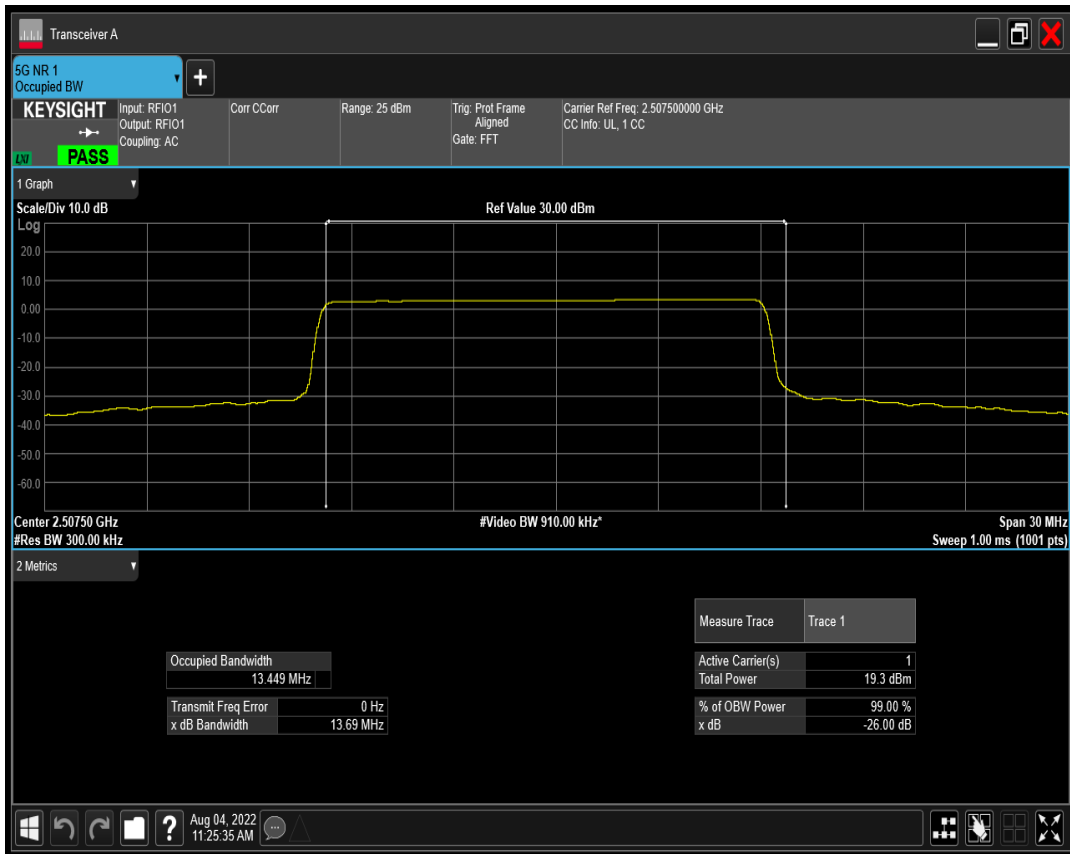
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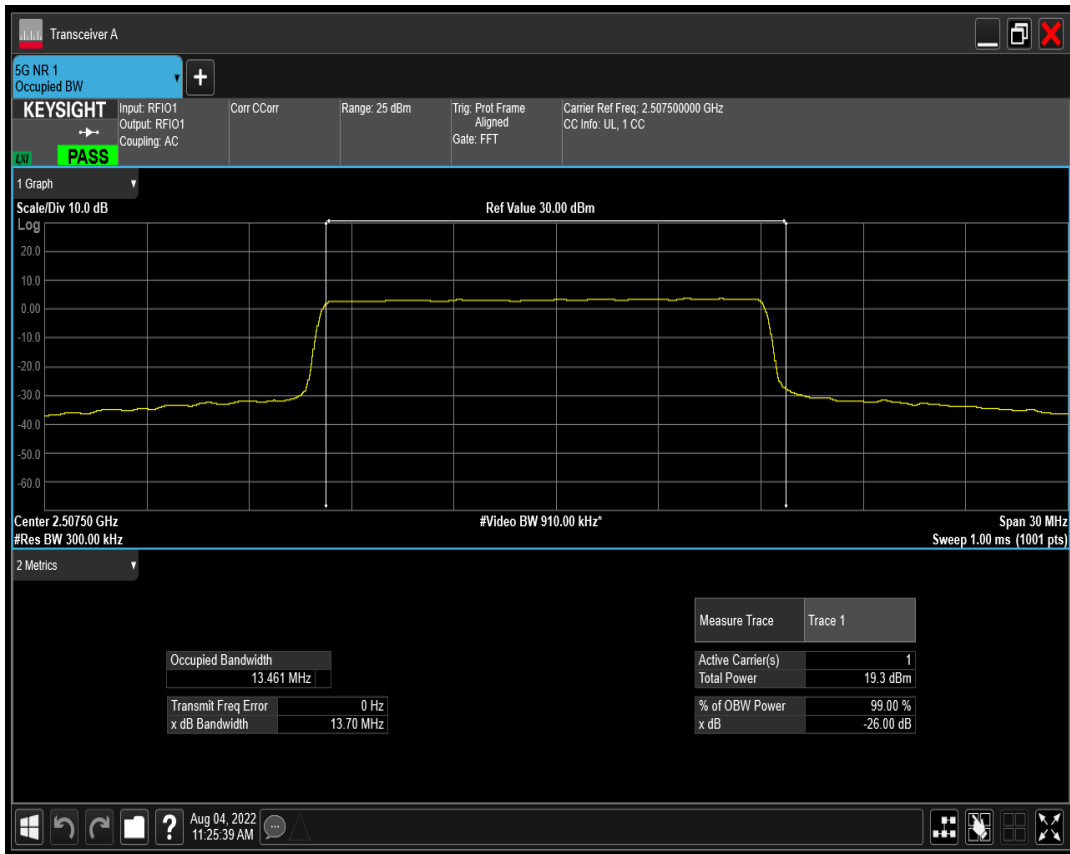
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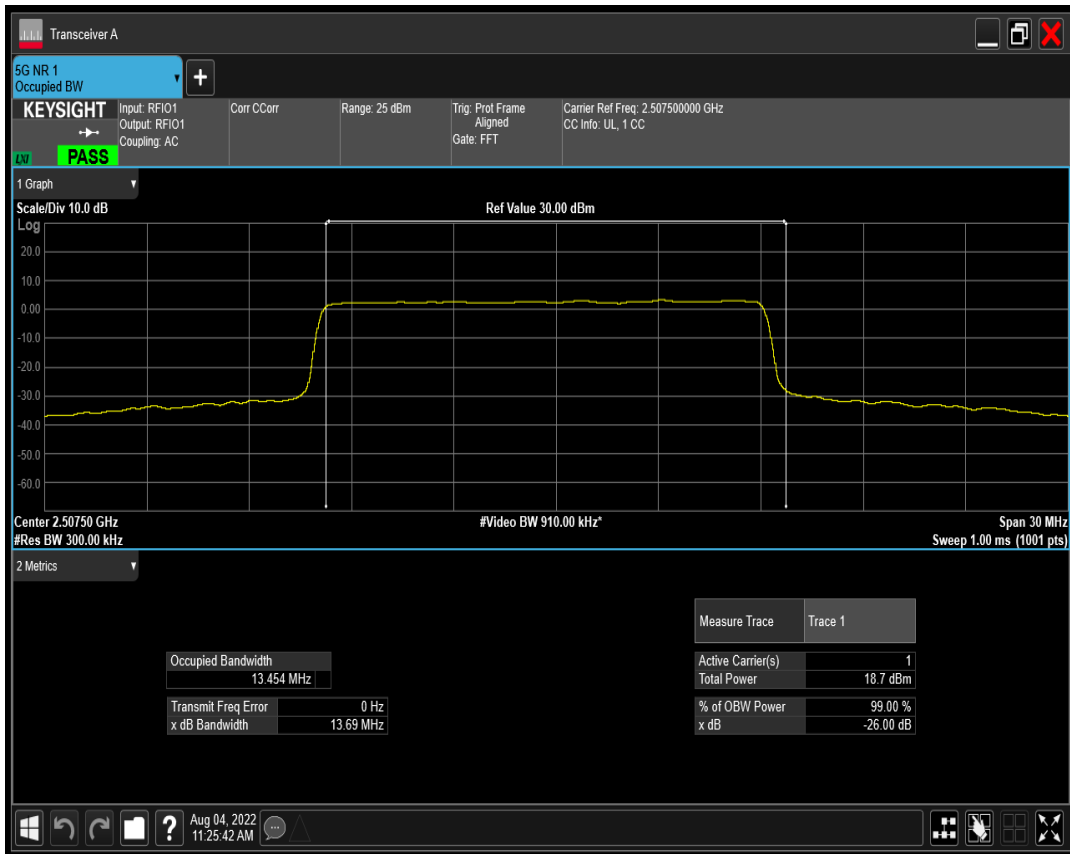
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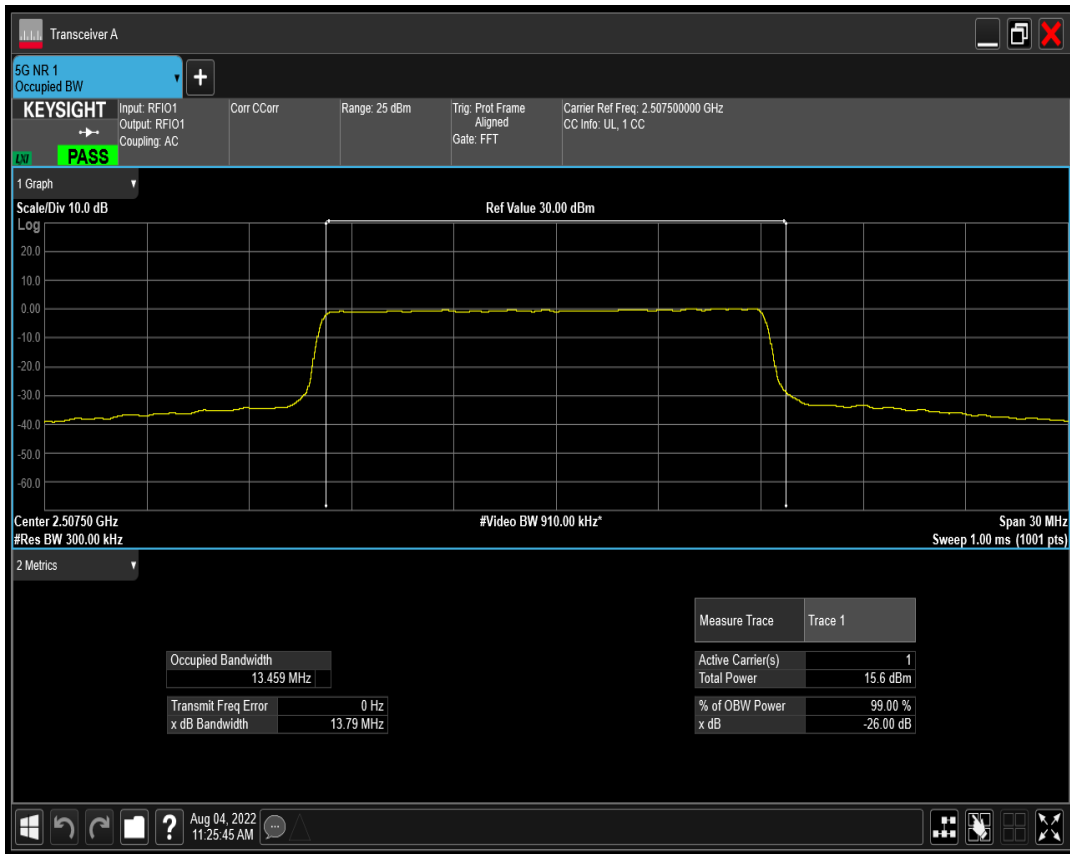
n7 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=501500 RB=36@0



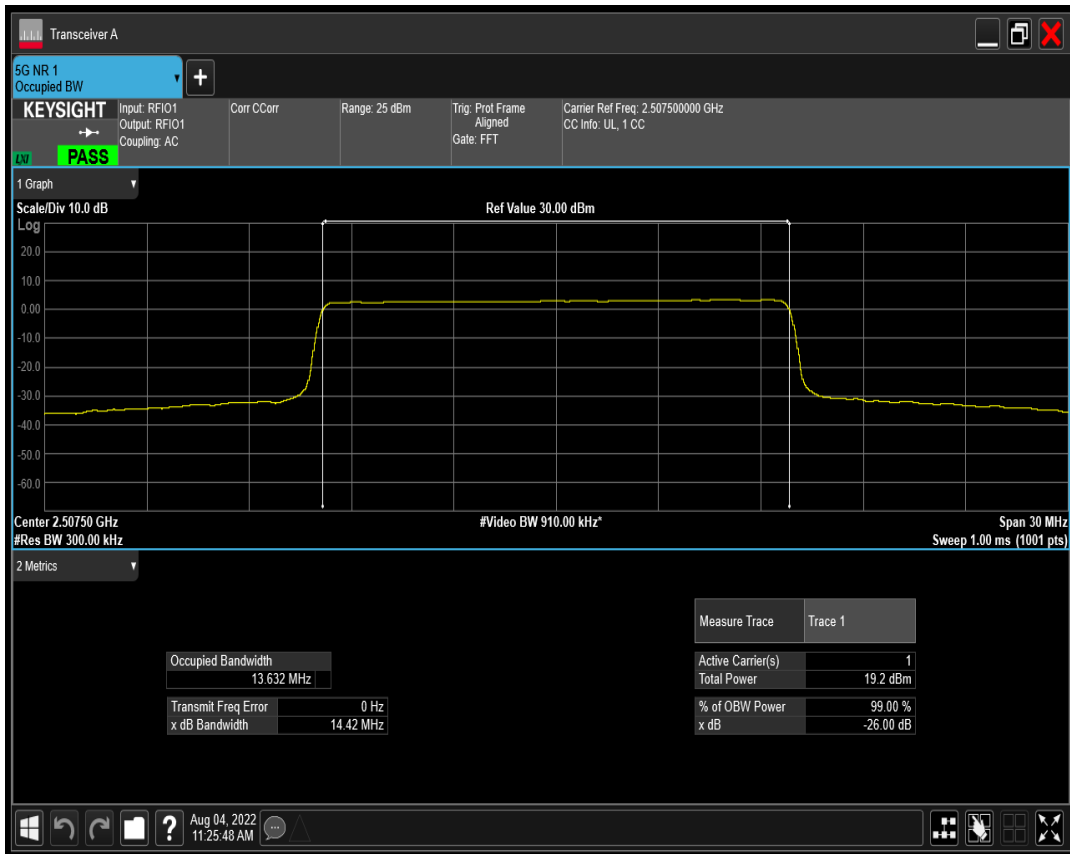
n7 SCS=30kHz DFT\_QAM64 BW=15MHz Channel=501500 RB=36@0



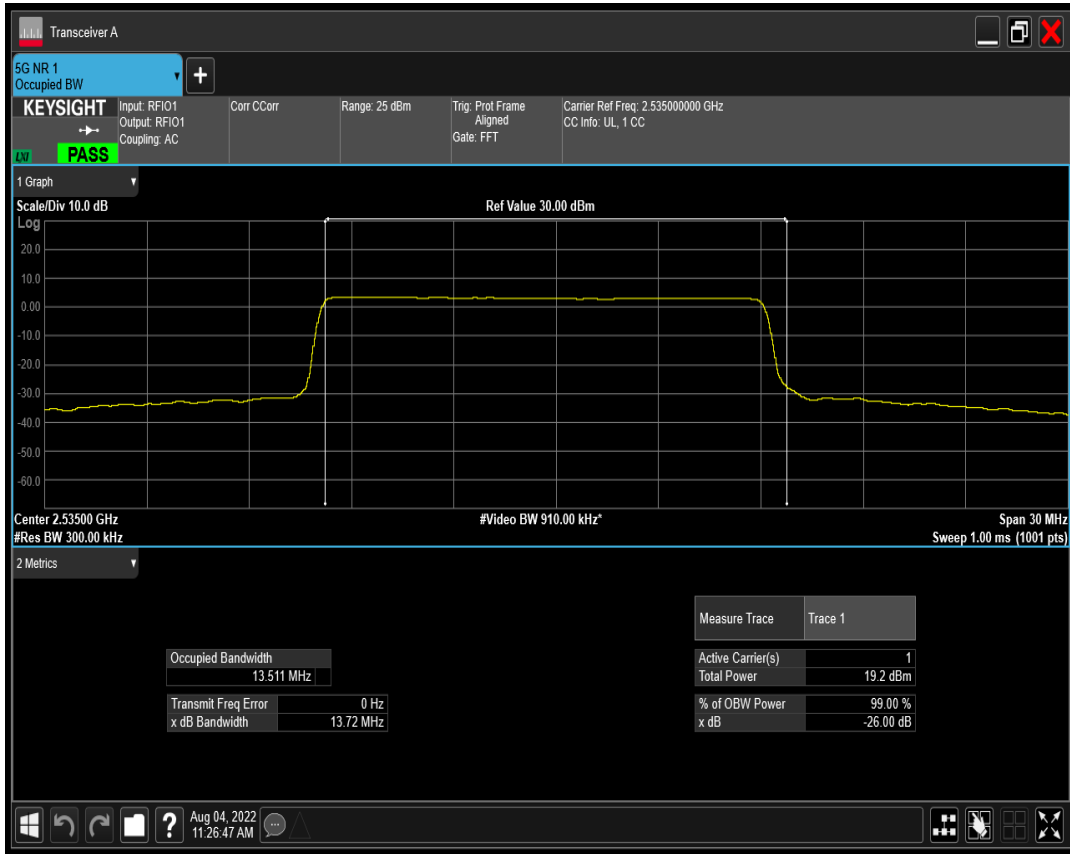
n7 SCS=30kHz DFT\_QAM256 BW=15MHz Channel=501500 RB=36@0



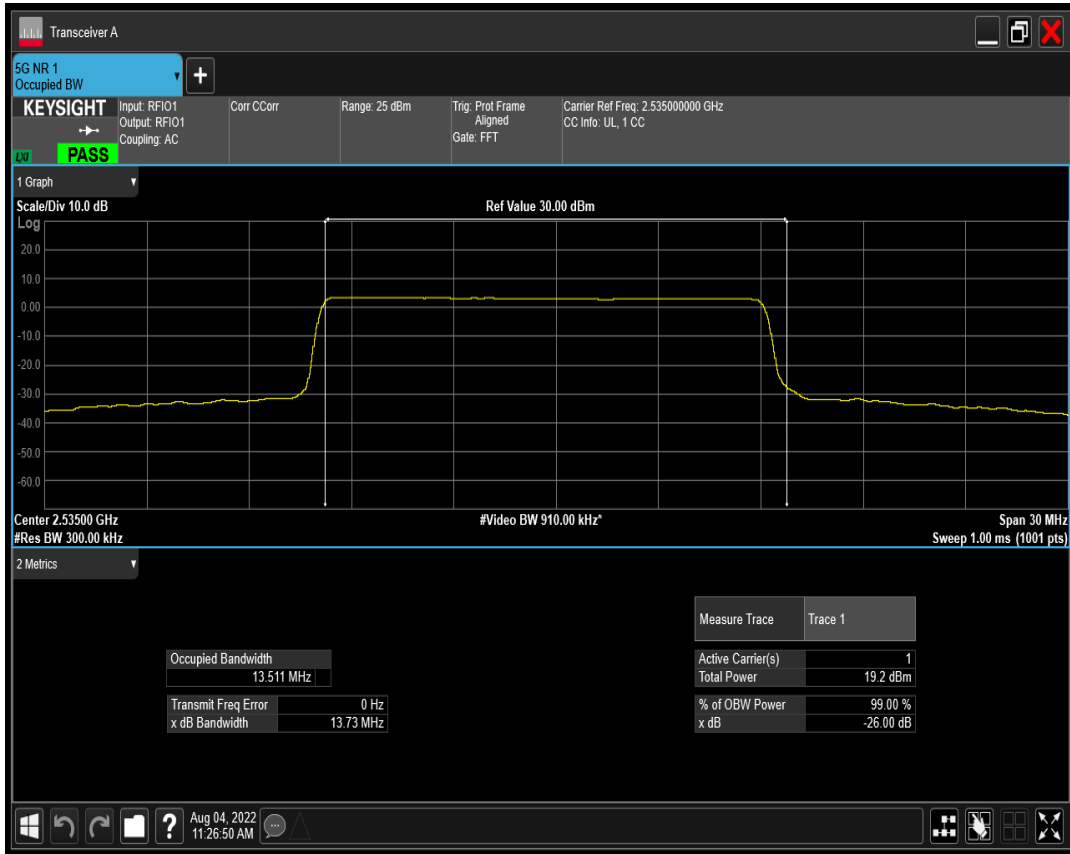
n7 SCS=30kHz CP\_QPSK BW=15MHz Channel=501500 RB=38@0



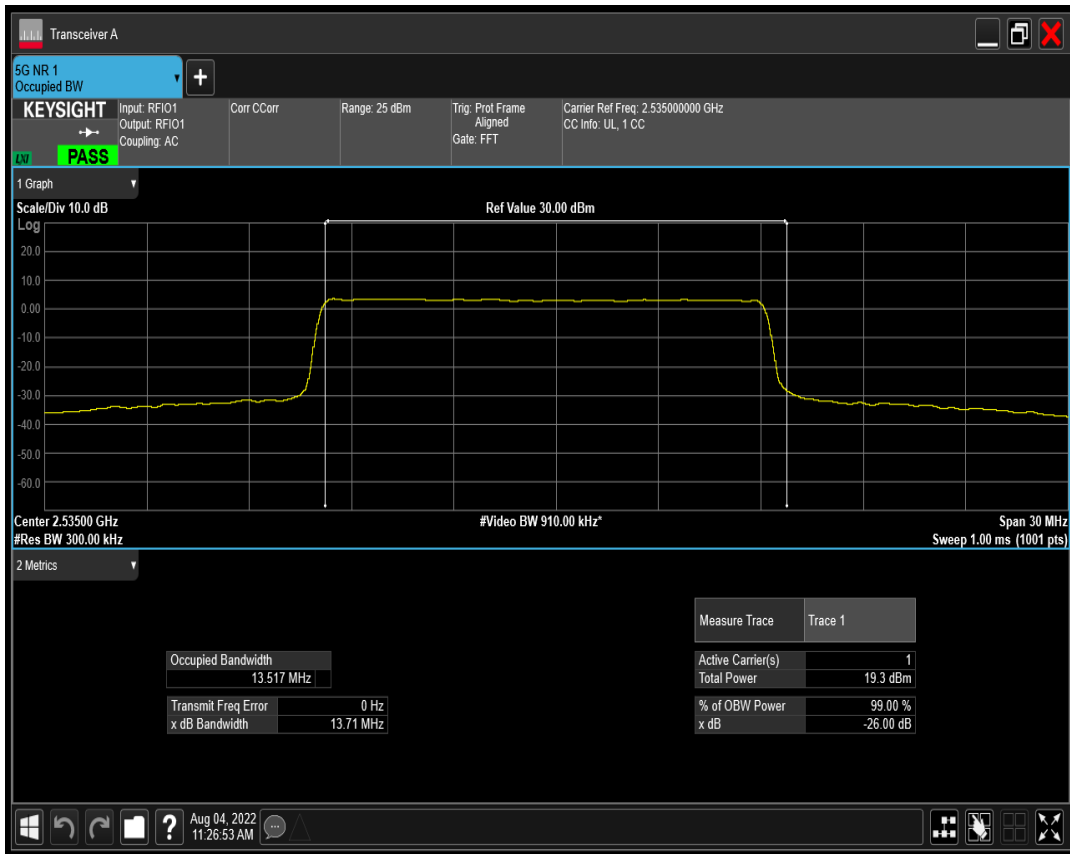
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n7 SCS=30kHz DFT\_QPSK BW=15MHz Channel=507000 RB=36@0



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

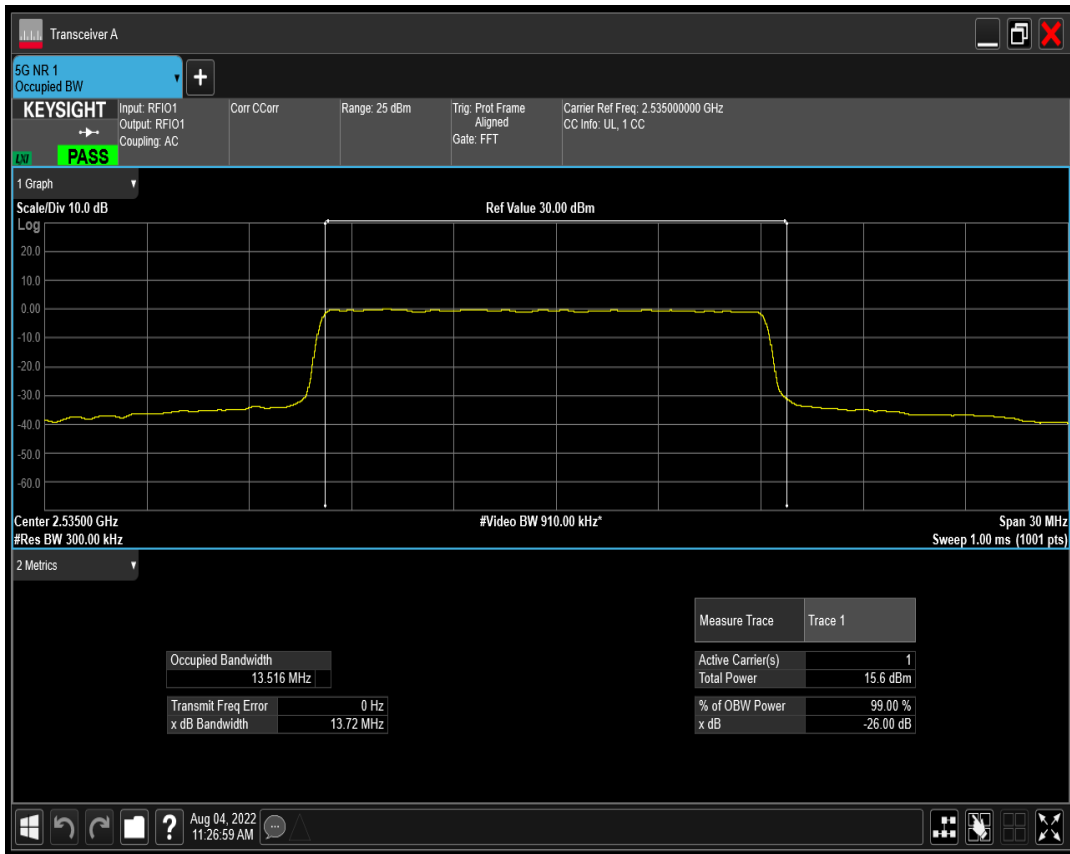


n7 SCS=30kHz DFT\_QAM64 BW=15MHz Channel=507000 RB=36@0





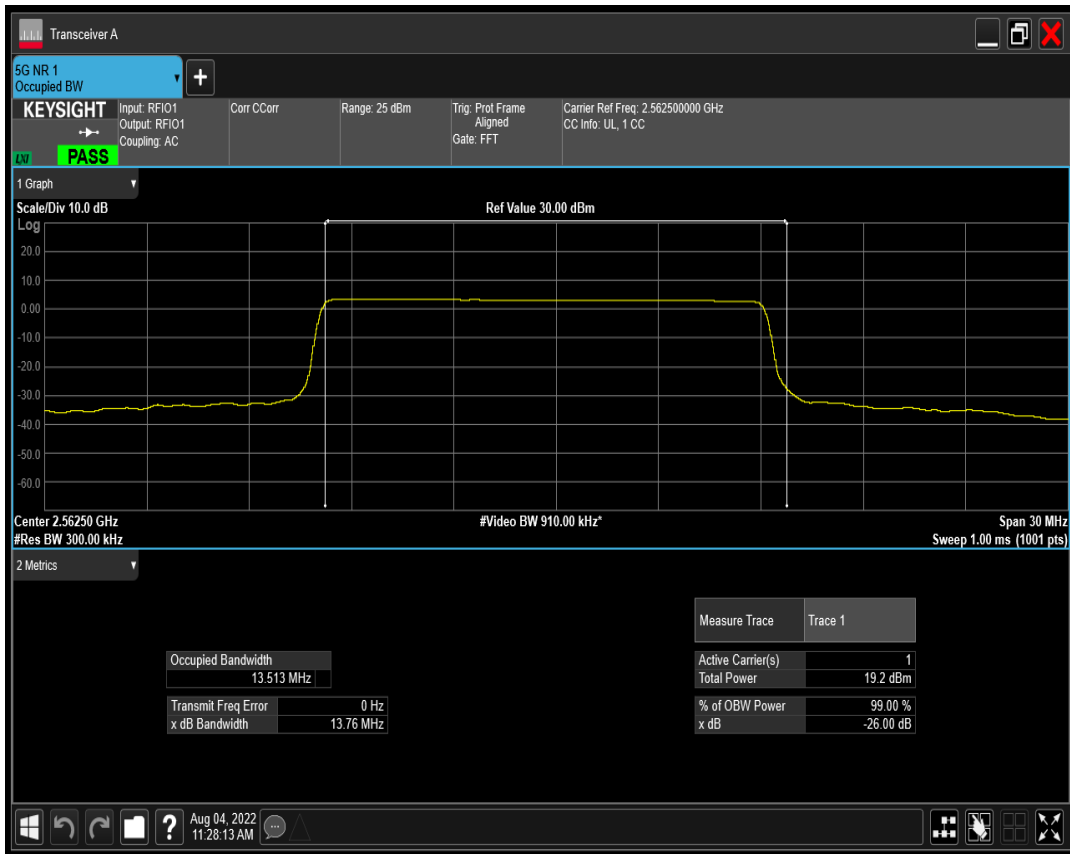
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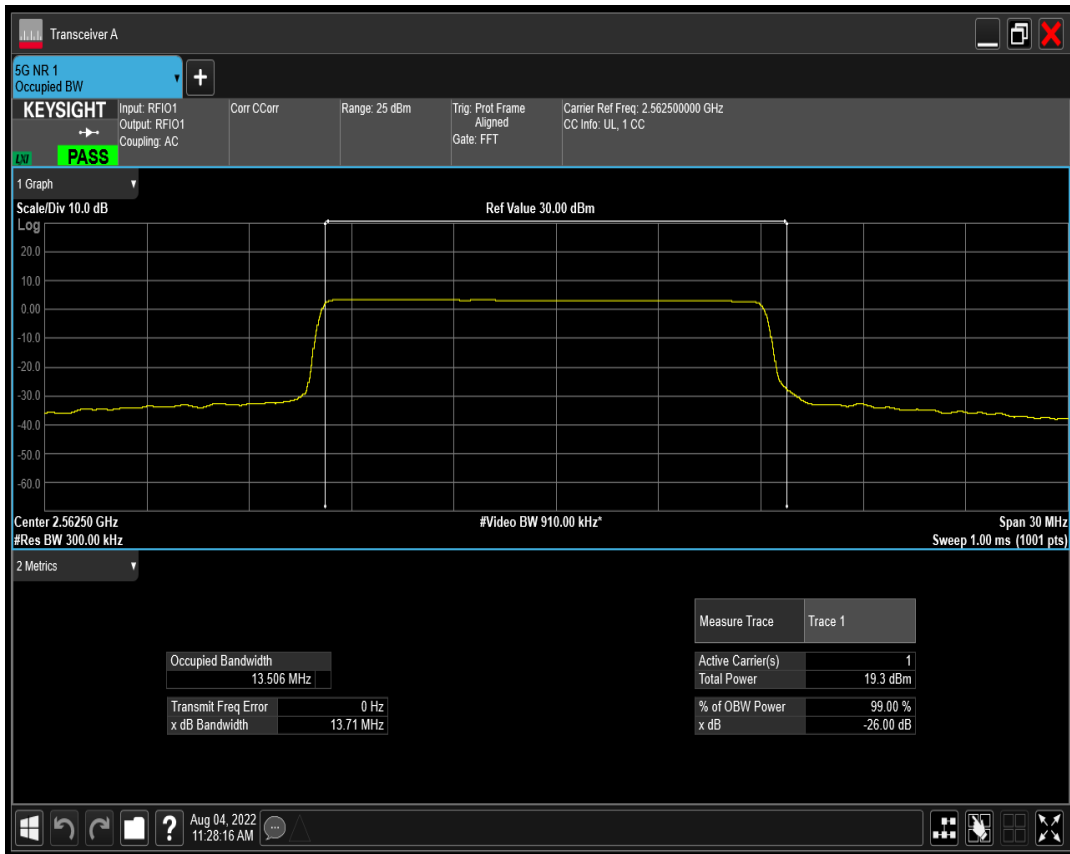
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n7 SCS=30kHz DFT\_BPSK BW=15MHz Channel=512500 RB=36@0



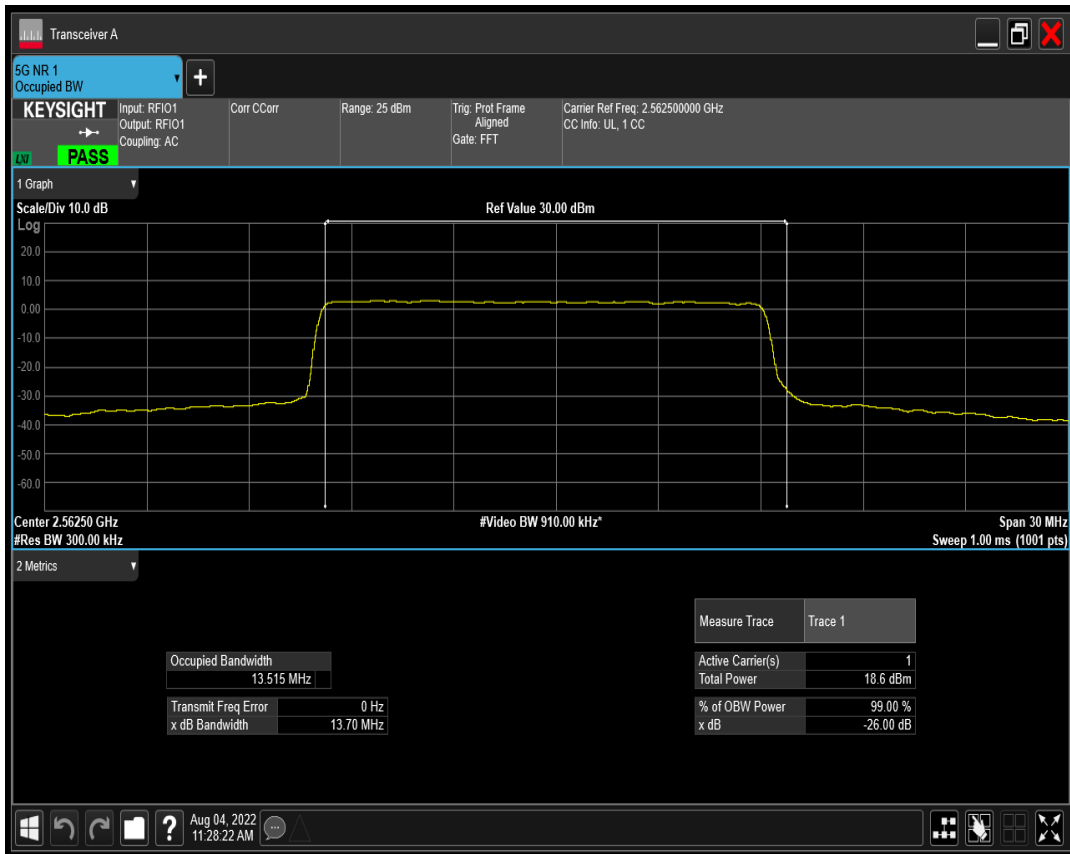
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n7 SCS=30kHz DFT\_QAM16 BW=15MHz Channel=512500 RB=36@0



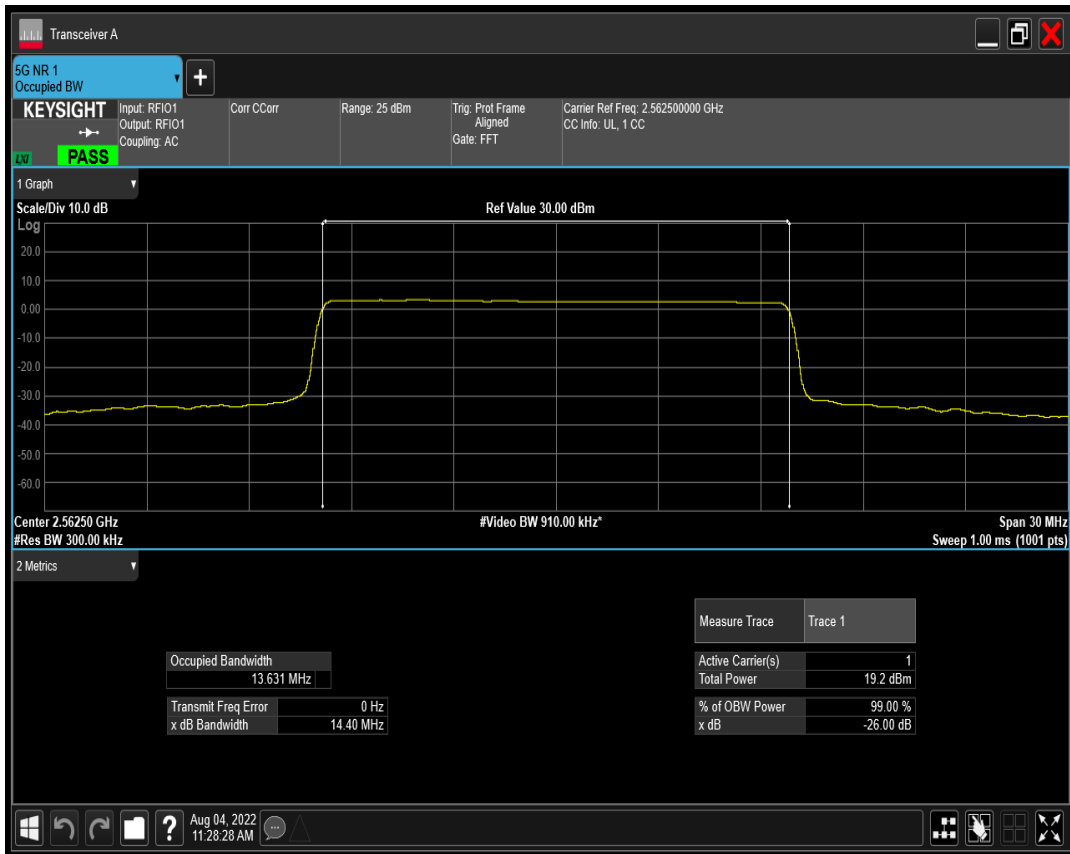
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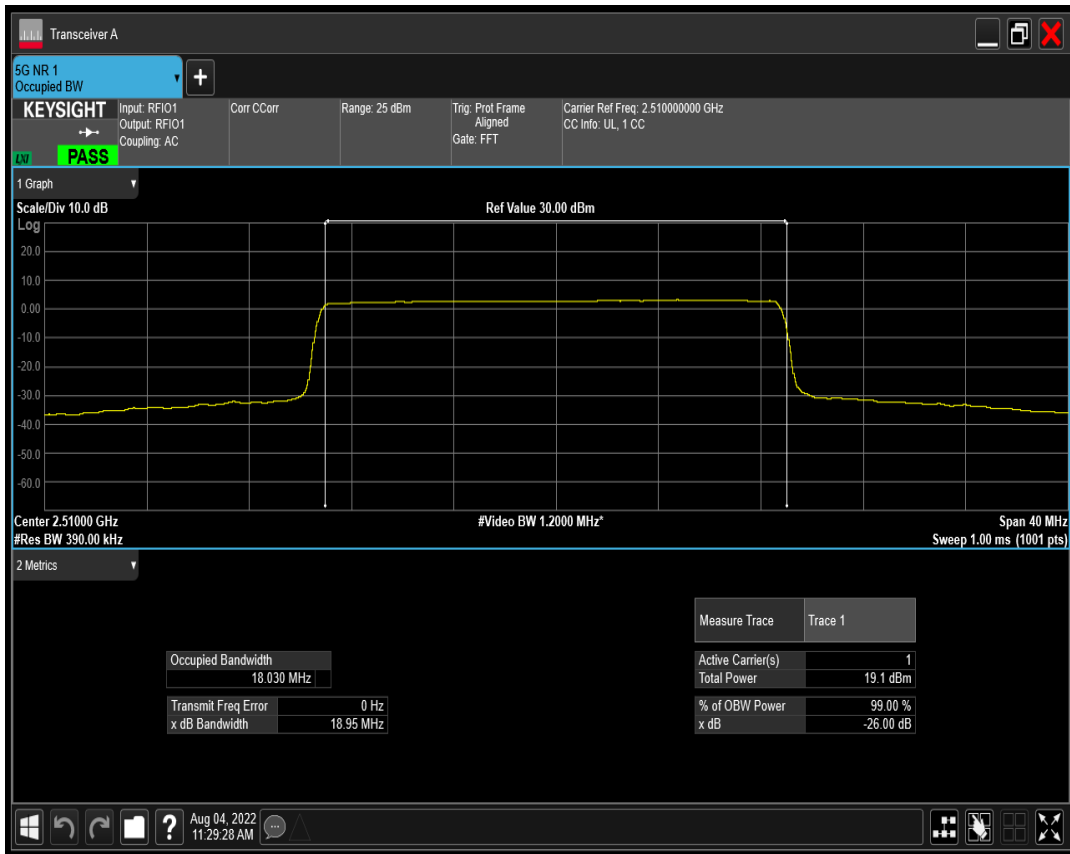
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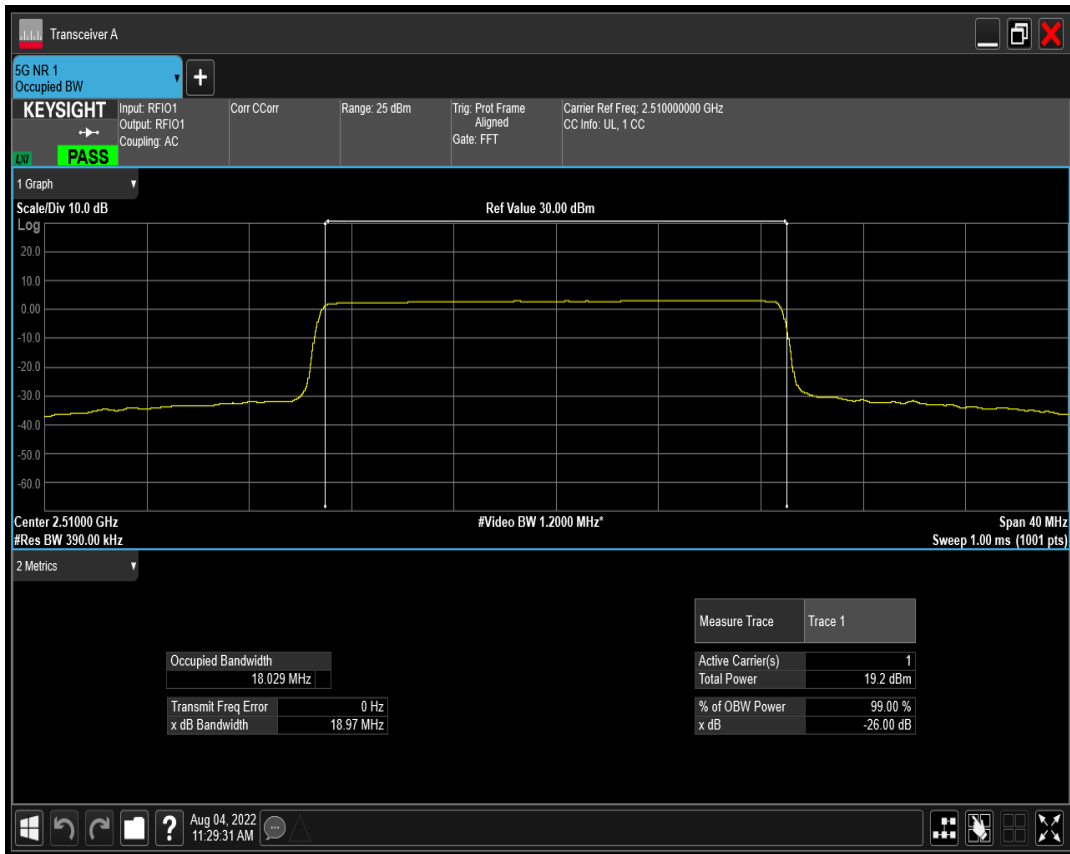
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n7 SCS=30kHz DFT\_BPSK BW=20MHz Channel=502000 RB=50@0



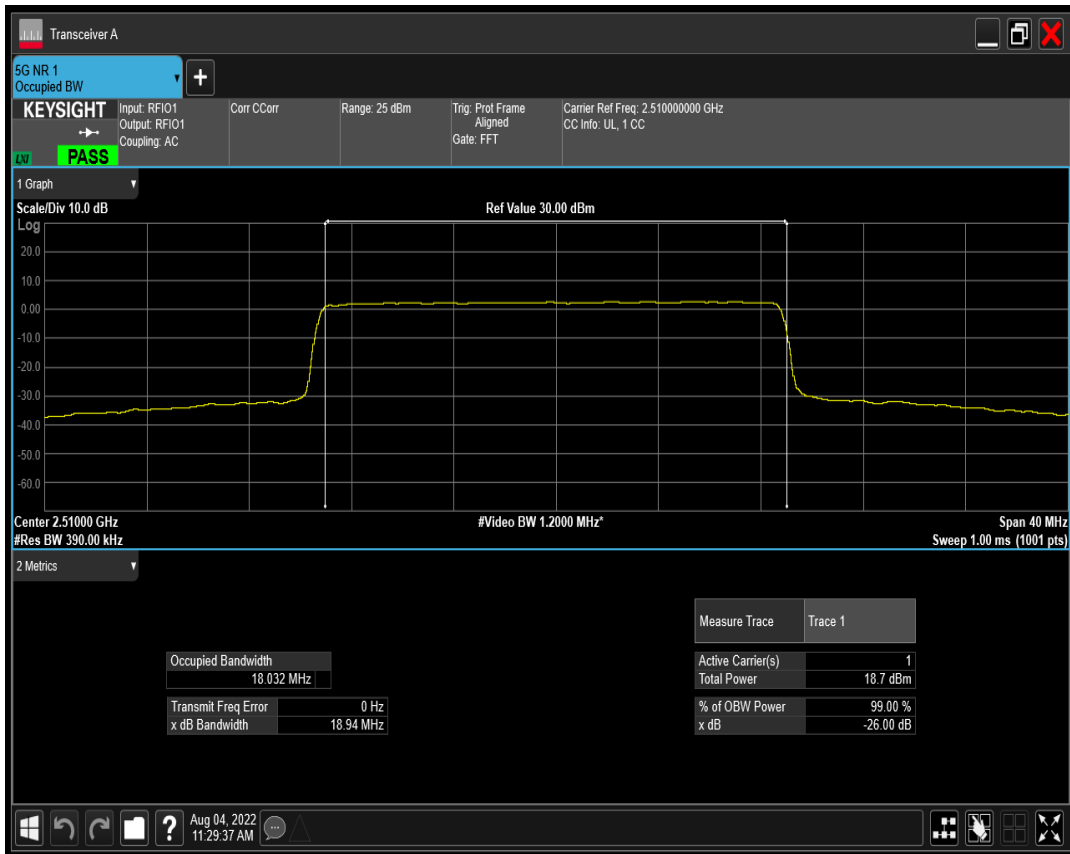
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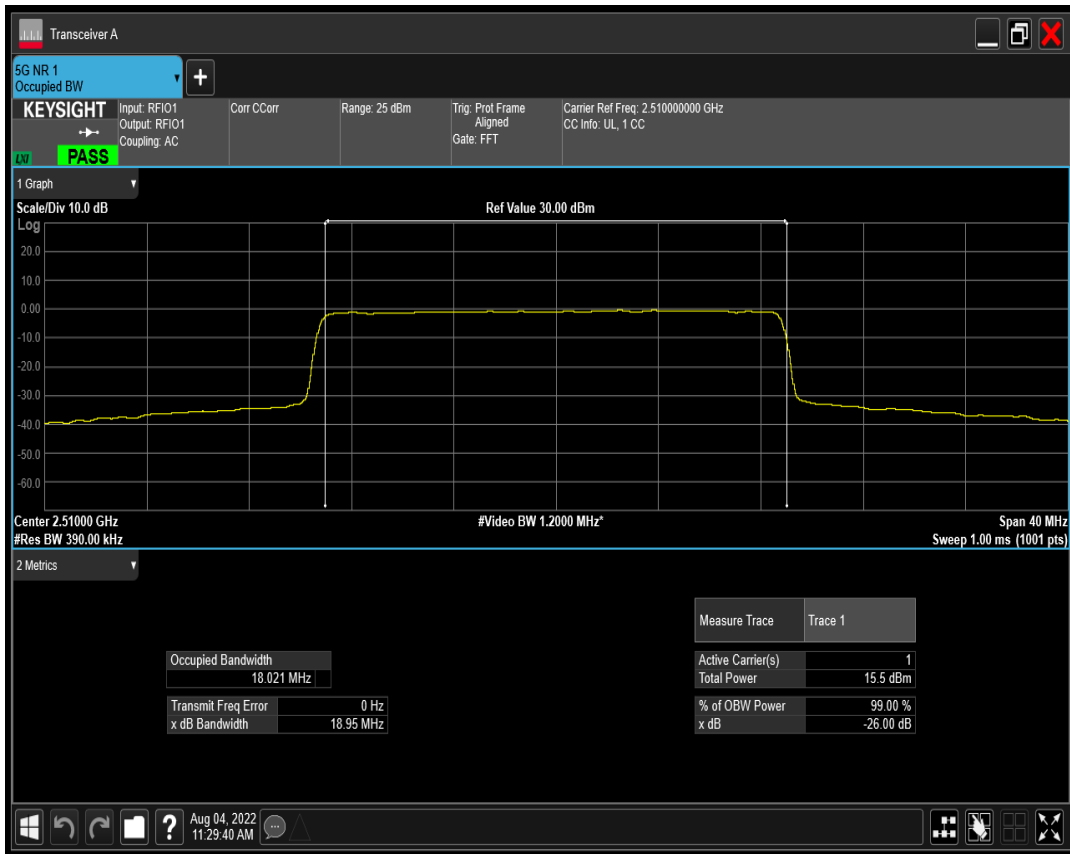
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n7 SCS=30kHz DFT\_QAM64 BW=20MHz Channel=502000 RB=50@0



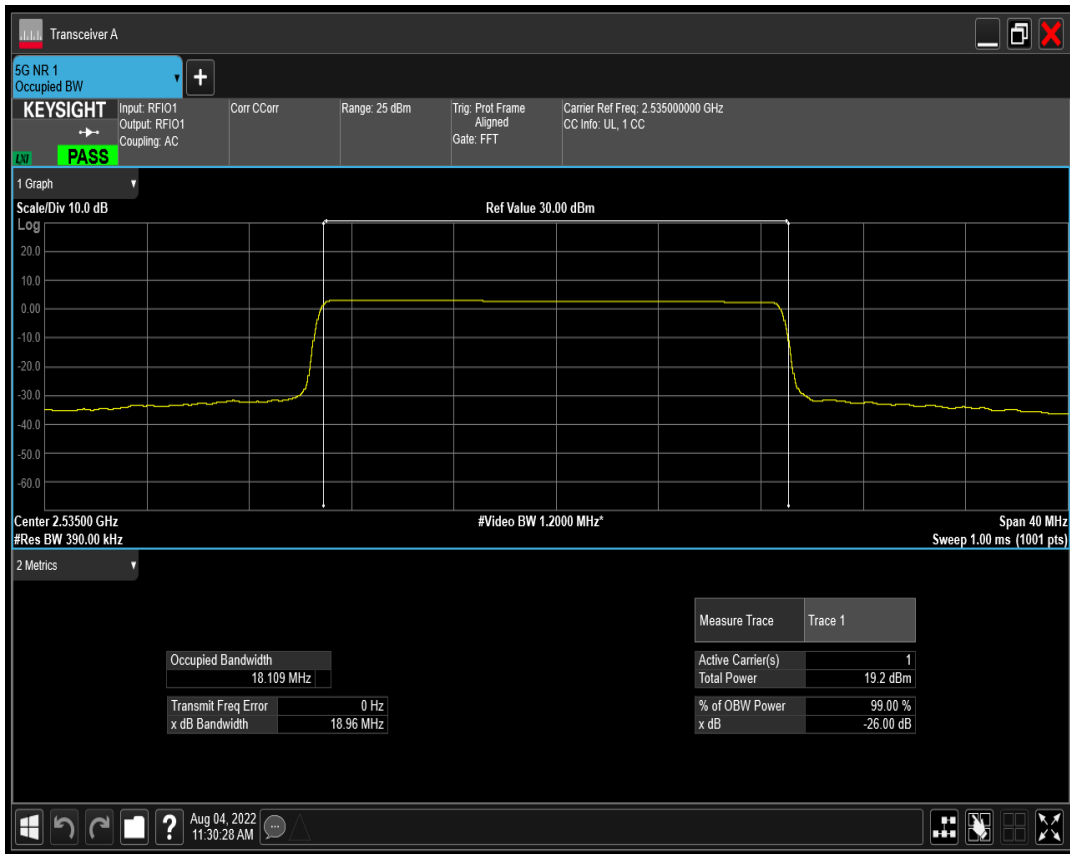
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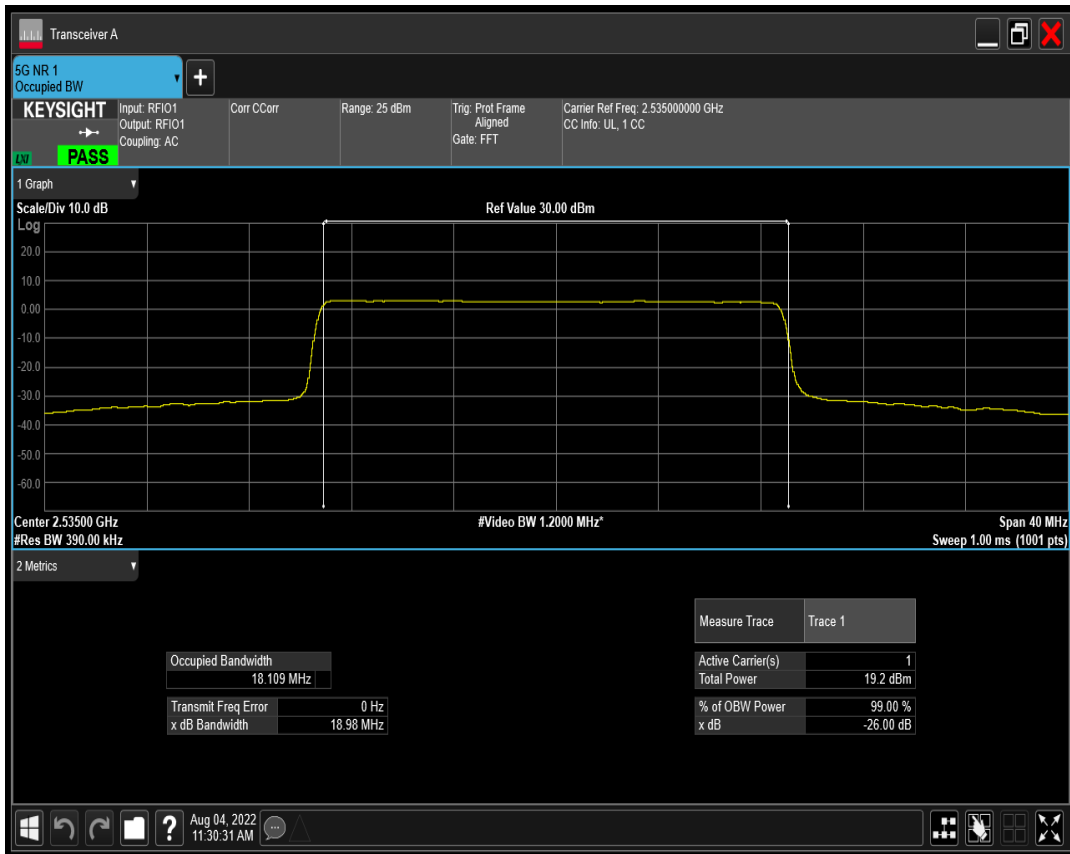
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n7 SCS=30kHz DFT\_BPSK BW=20MHz Channel=507000 RB=50@0



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

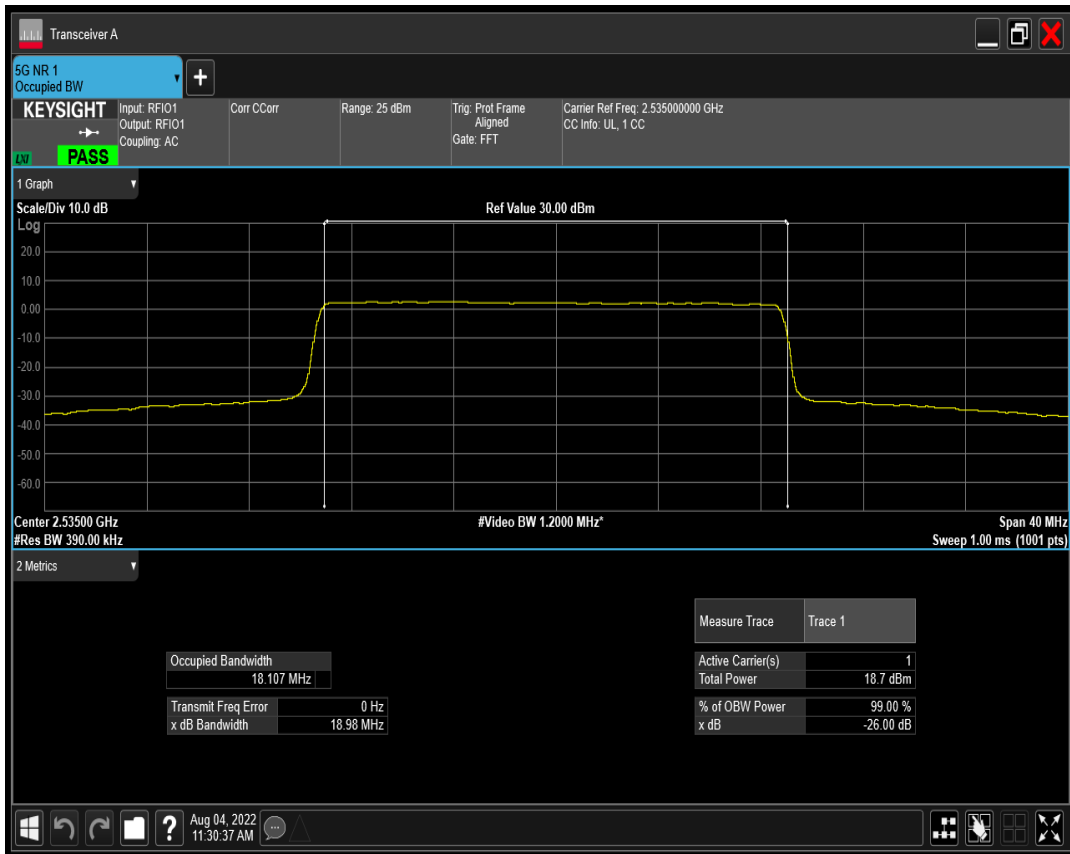




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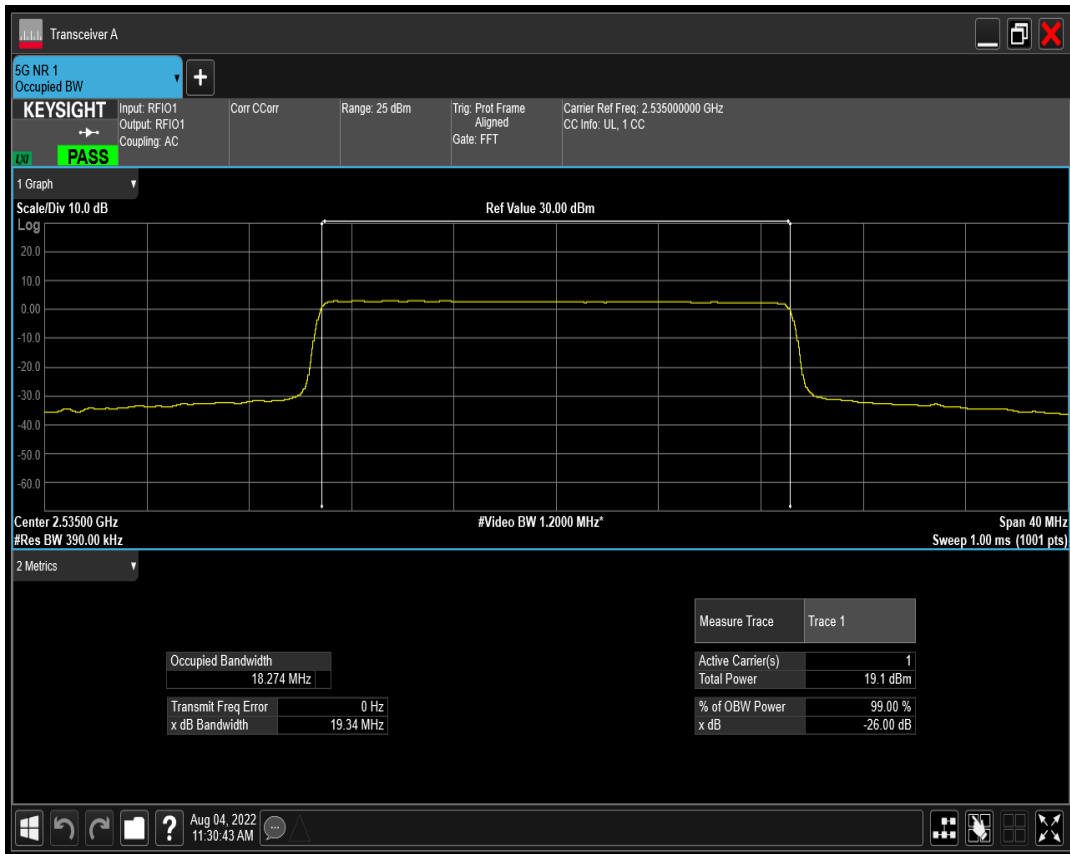
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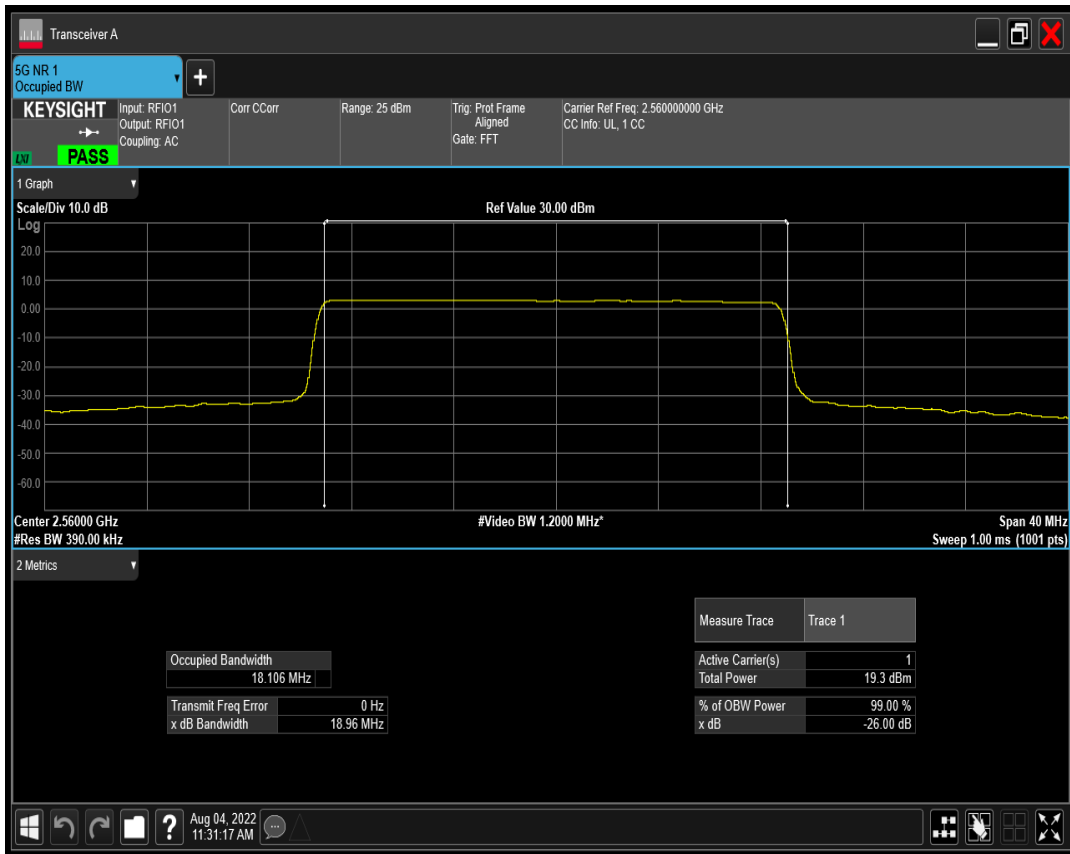
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n7 SCS=30kHz CP\_QPSK BW=20MHz Channel=507000 RB=51@0



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



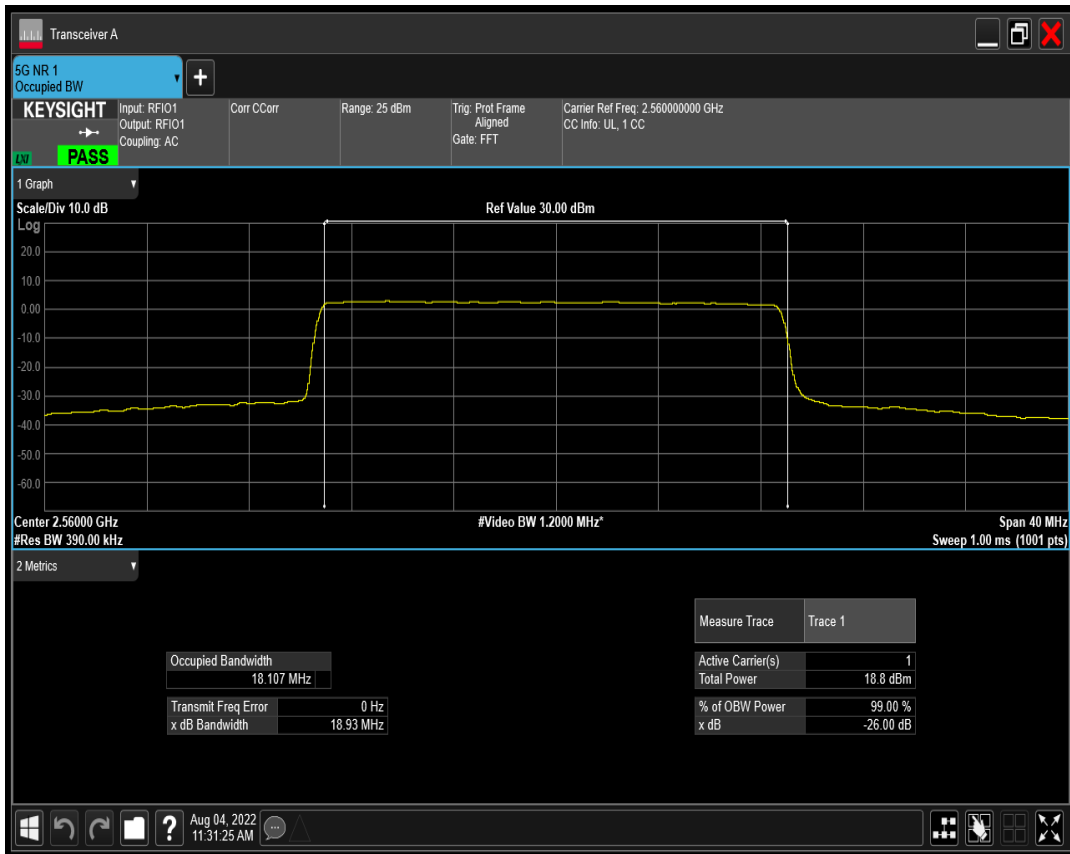
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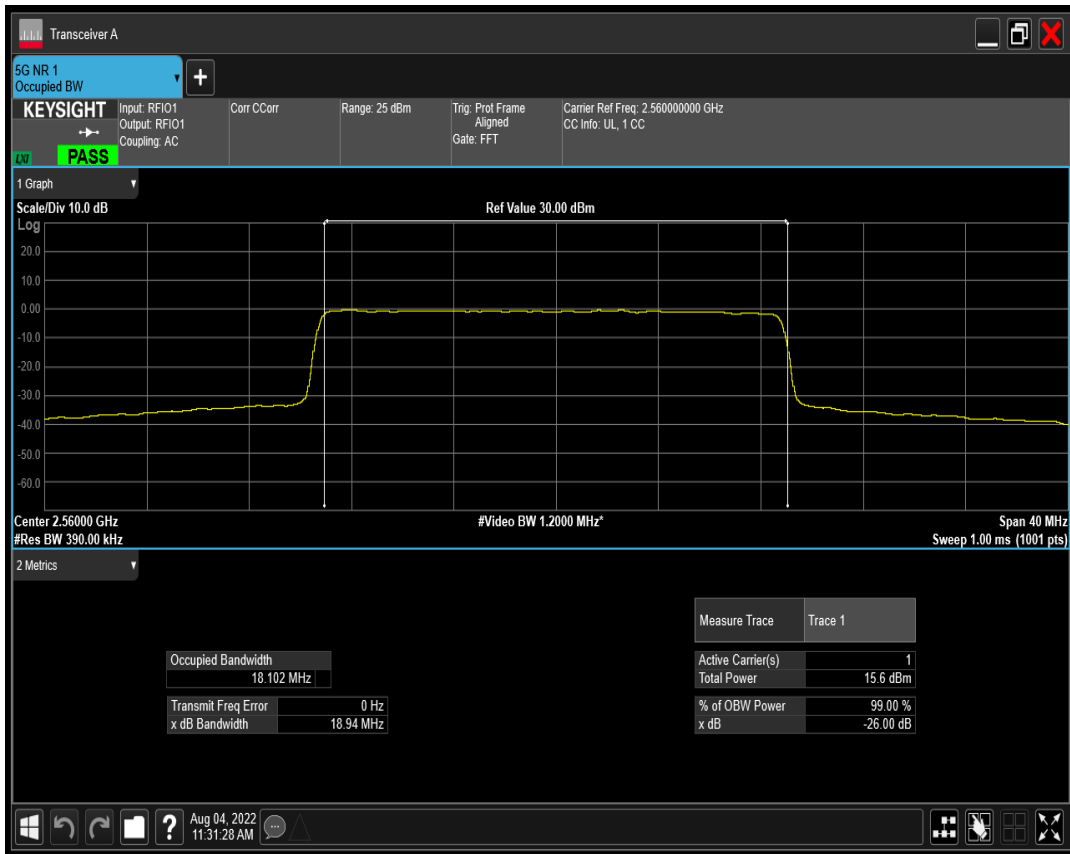
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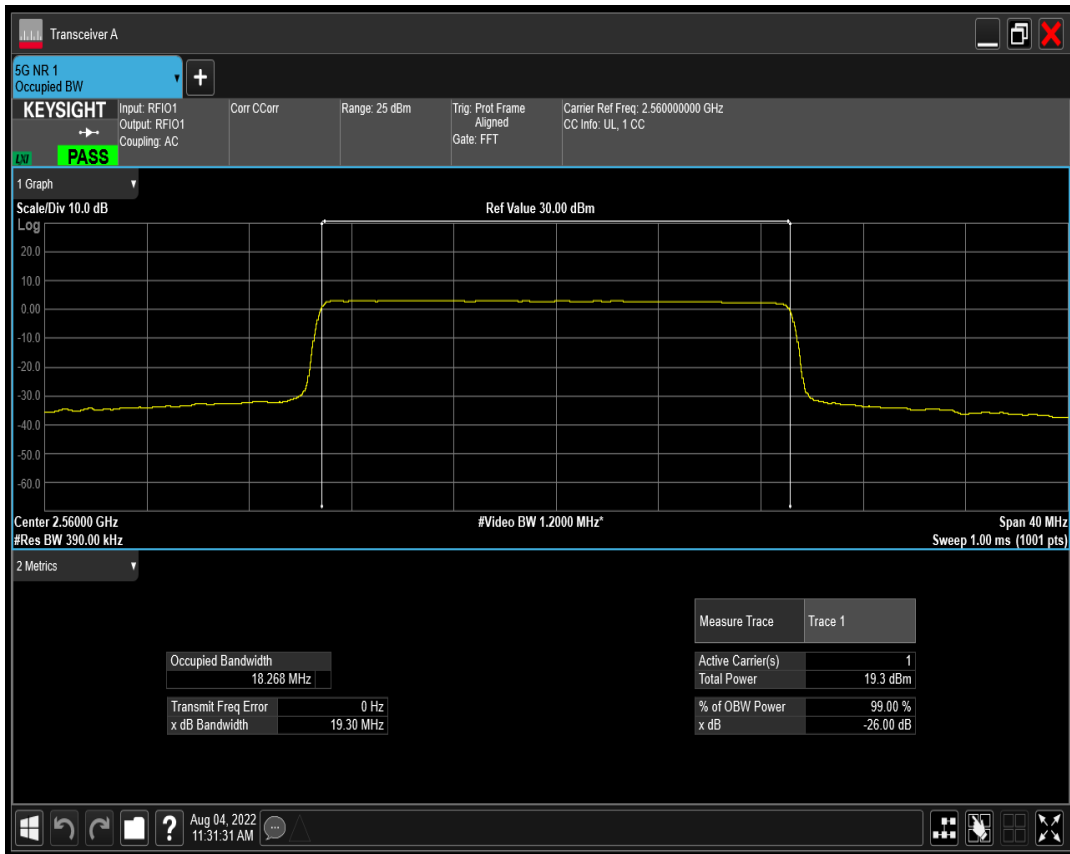
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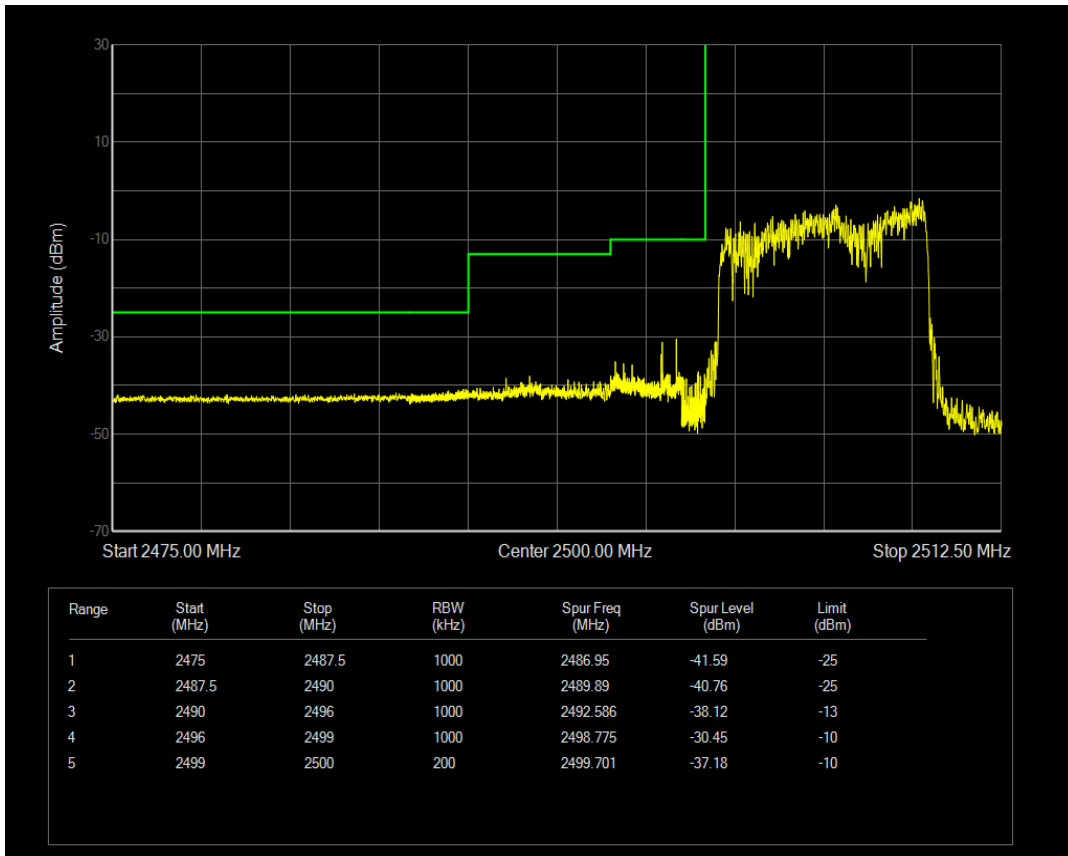
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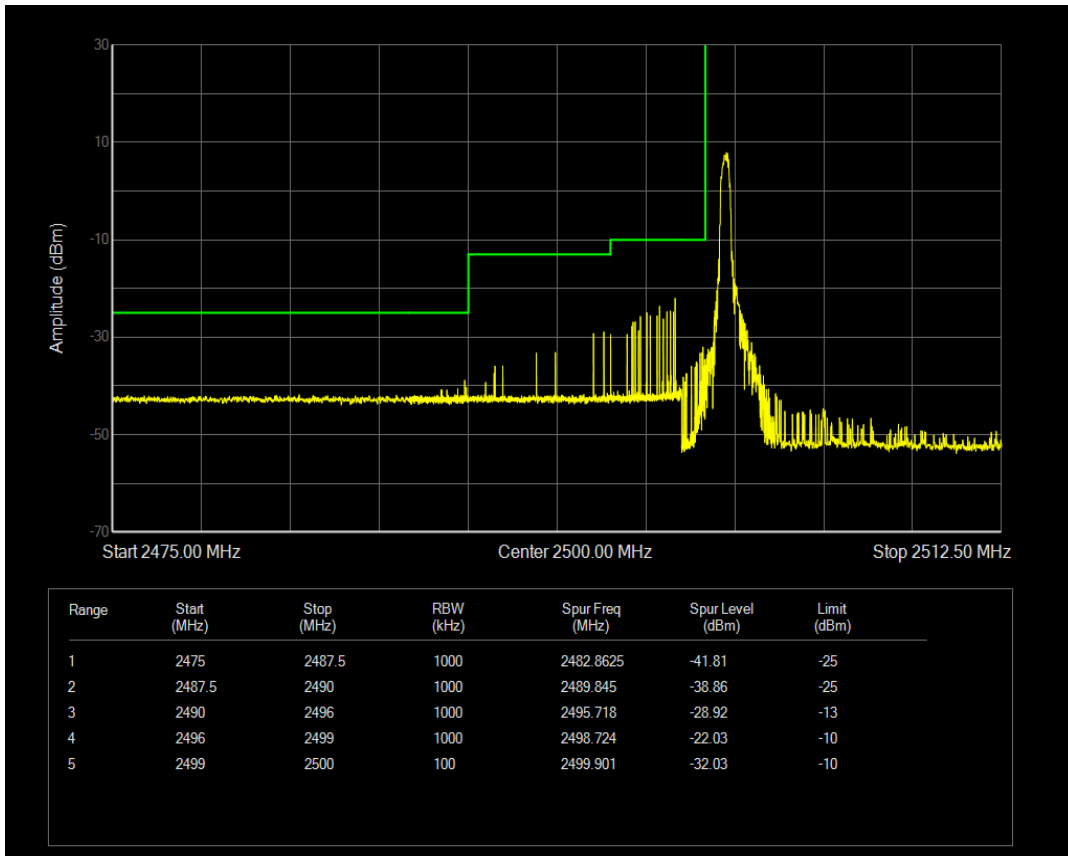
### 5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n7	30	10	501000	24@0	DFT_QPSK	2489.89	-40.76	-25	PASS
n7	30	10	501000	1@0	DFT_QPSK	2498.72	-22.03	-10	PASS
n7	30	10	513000	24@0	DFT_QPSK	2580.88	-40.96	-25	PASS
n7	30	10	513000	1@23	DFT_QPSK	2580.12	-39.83	-25	PASS
n7	30	20	502000	50@0	DFT_QPSK	2475.00	-41.80	-25	PASS
n7	30	20	502000	1@0	DFT_QPSK	2498.76	-23.61	-10	PASS
n7	30	20	512000	50@0	DFT_QPSK	2592.86	-41.50	-25	PASS
n7	30	20	512000	1@50	DFT_QPSK	2595.00	-41.46	-25	PASS

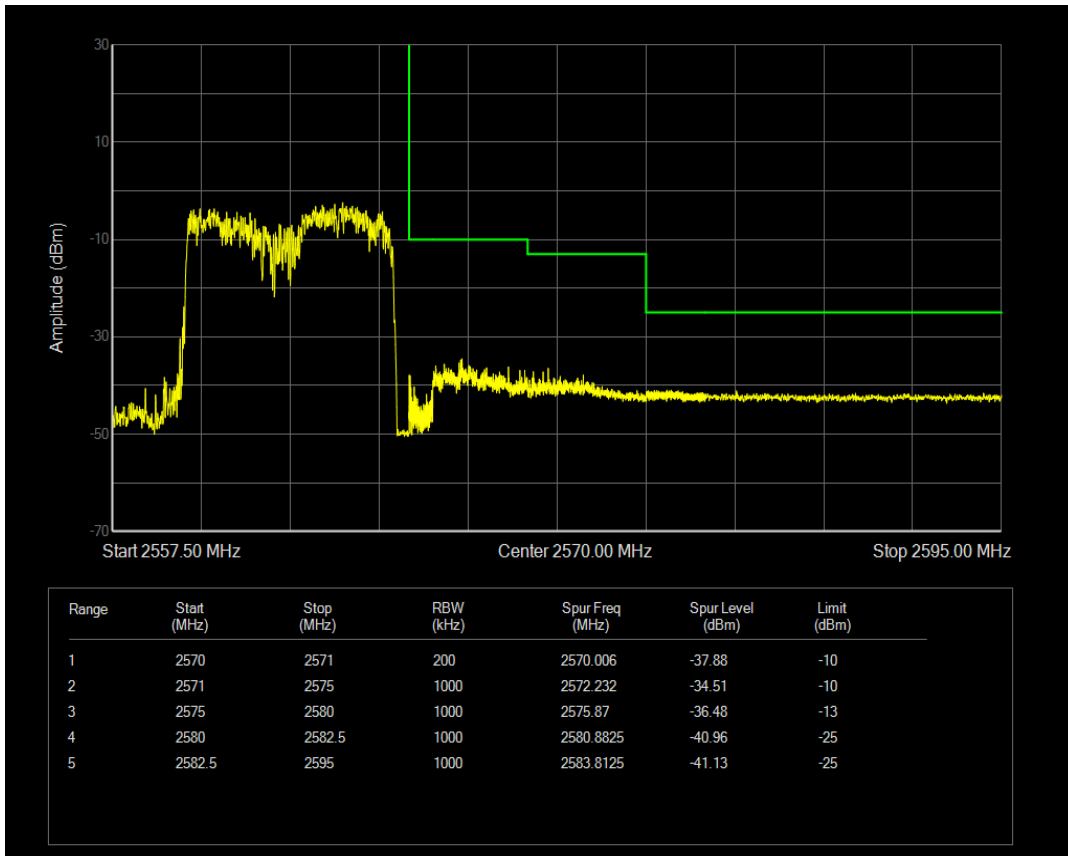
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=501000 RB=24@0



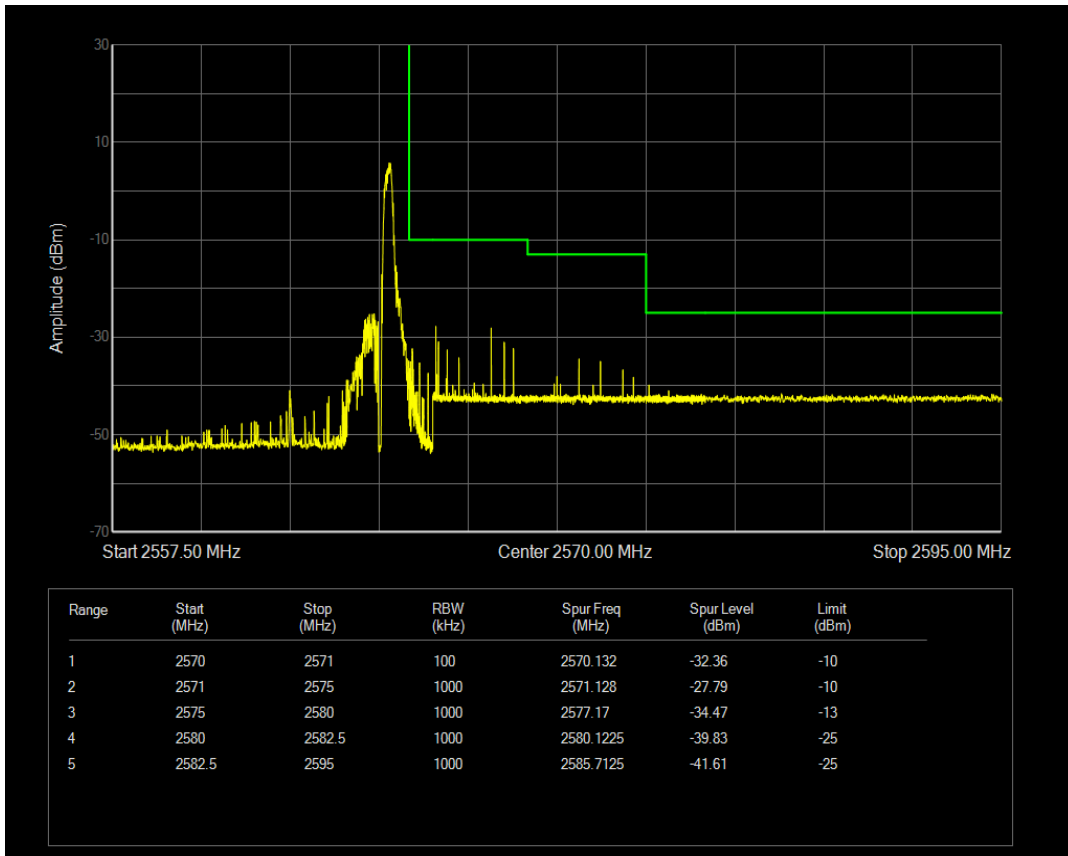
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=501000 RB=1@0



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

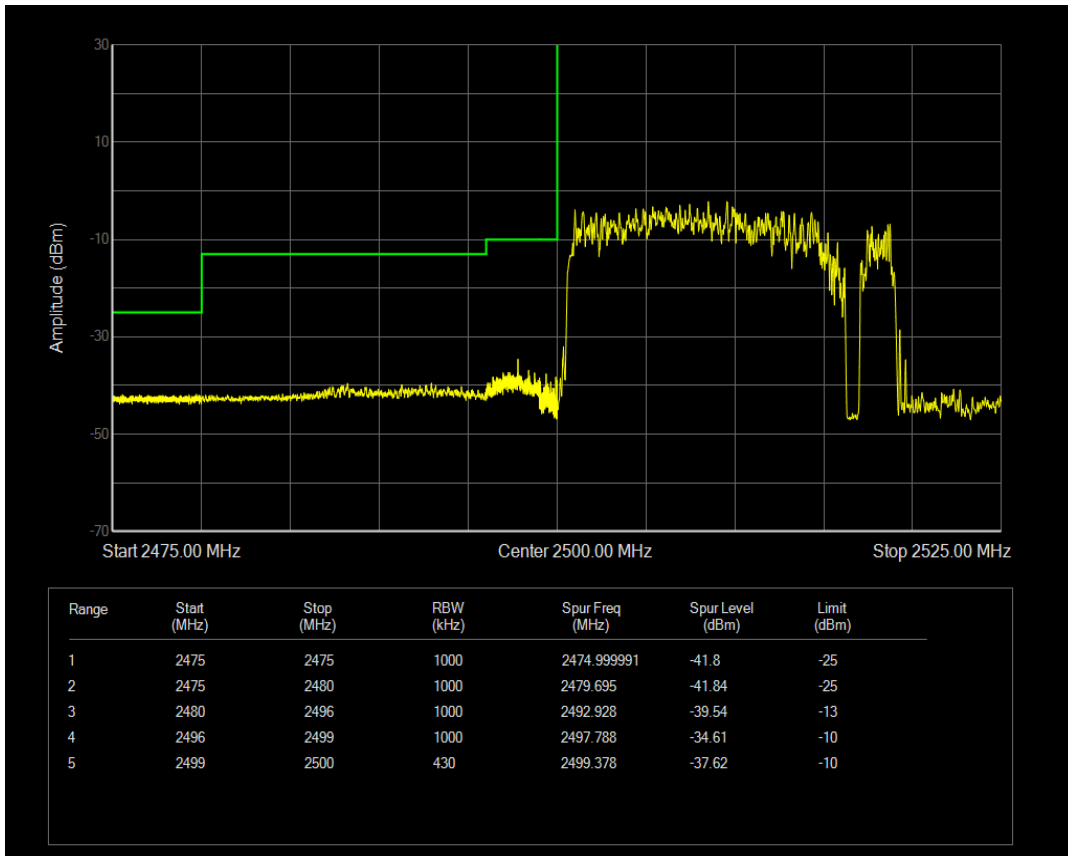


n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=513000 RB=1@23

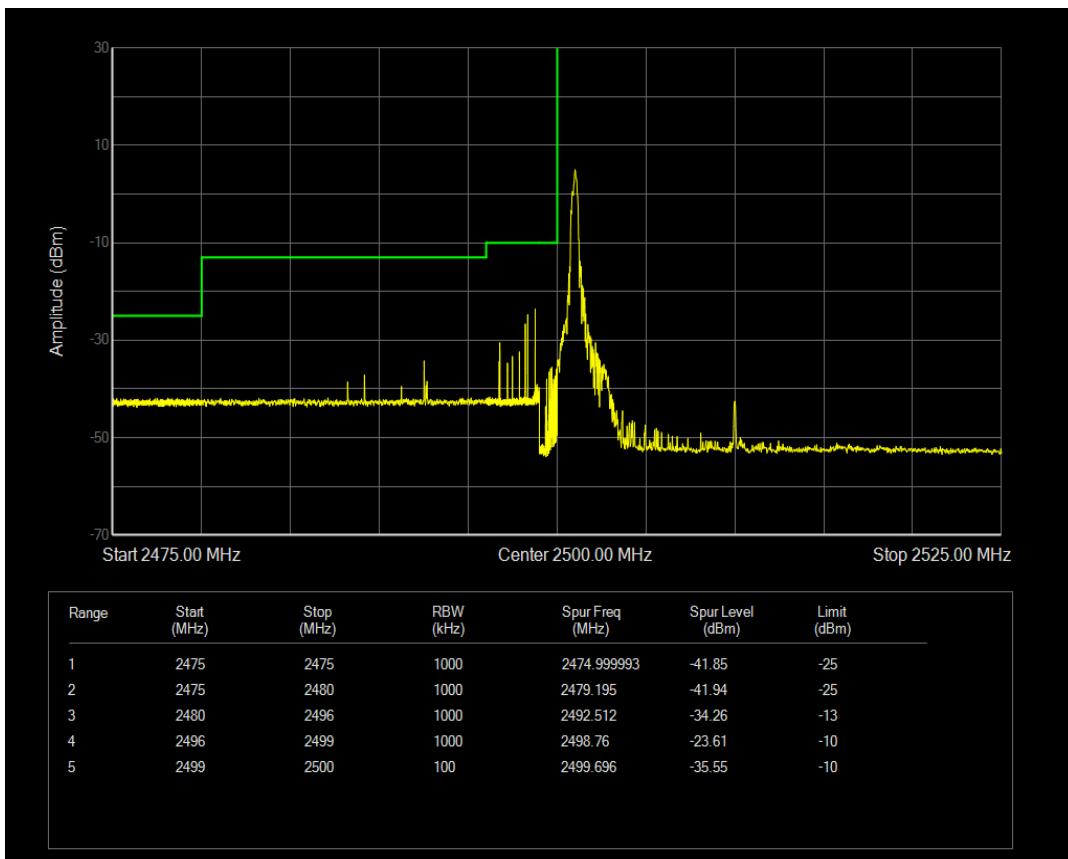




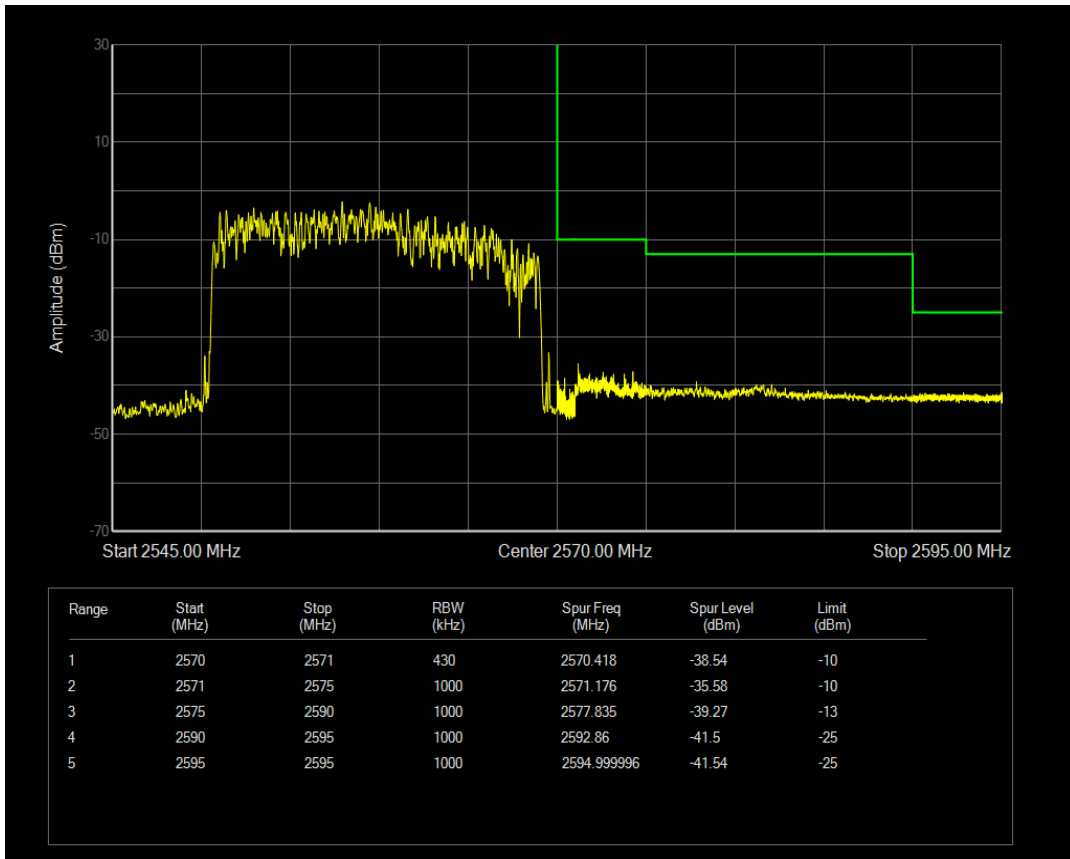
n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=502000 RB=50@0



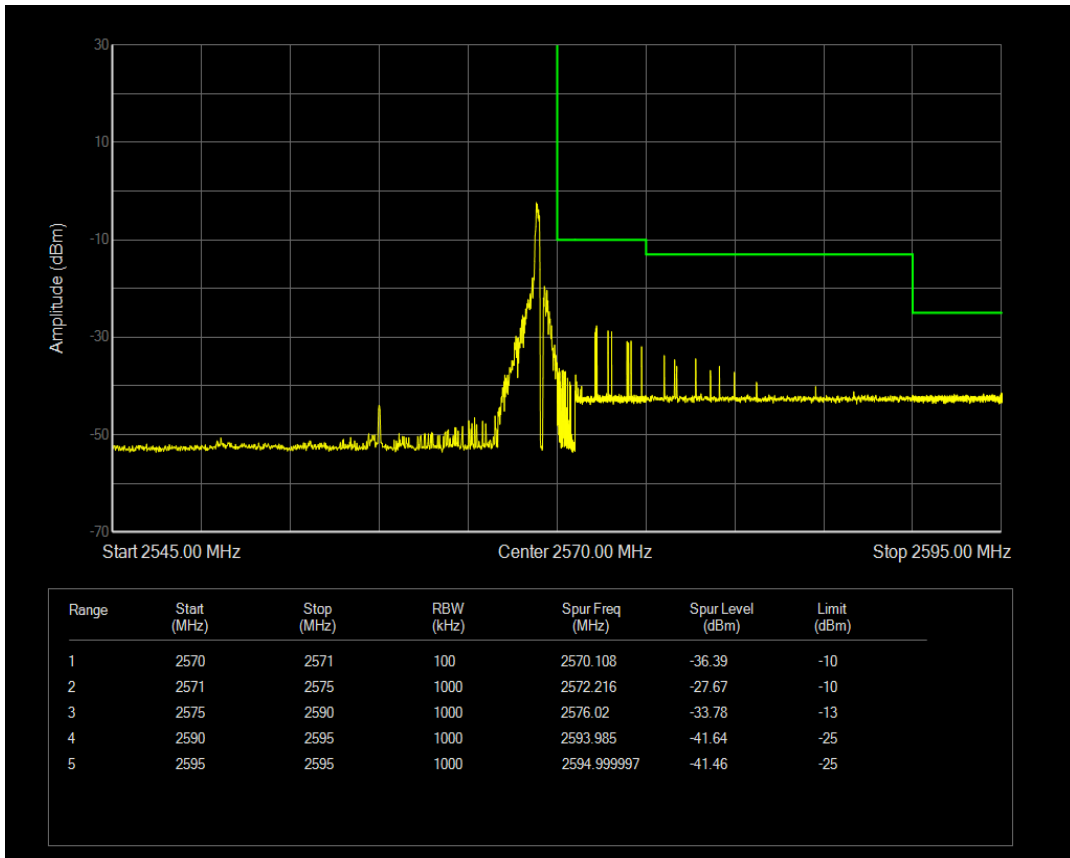
n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=502000 RB=1@0



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



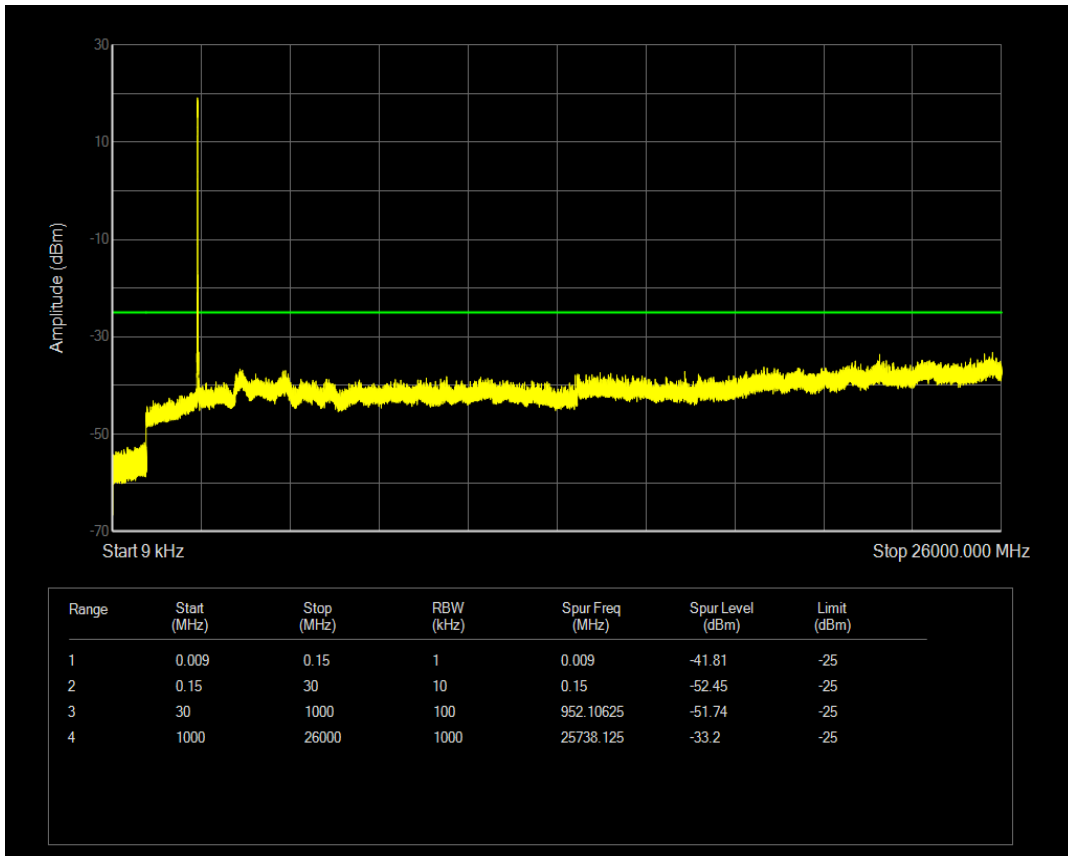
n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=512000 RB=1@50



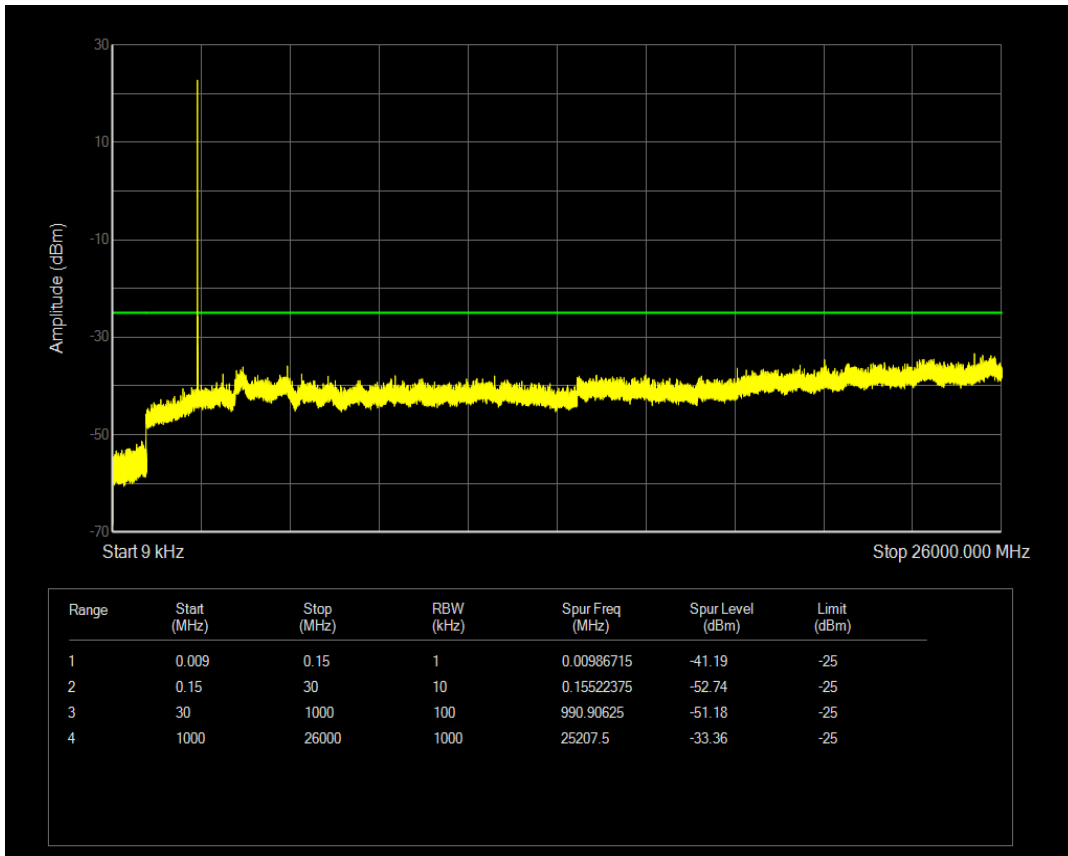
## 6 Out-of-band emissions for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n7	30	10	501000	24@0	DFT_QPSK	25738.13	-33.20	-25	PASS
n7	30	10	501000	1@0	DFT_QPSK	25207.50	-33.36	-25	PASS
n7	30	10	501000	1@23	DFT_QPSK	25581.88	-33.31	-25	PASS
n7	30	10	507000	24@0	DFT_QPSK	25643.13	-33.83	-25	PASS
n7	30	10	507000	1@0	DFT_QPSK	25671.88	-33.53	-25	PASS
n7	30	10	507000	1@23	DFT_QPSK	25528.13	-32.16	-25	PASS
n7	30	10	513000	24@0	DFT_QPSK	25624.38	-33.97	-25	PASS
n7	30	10	513000	1@0	DFT_QPSK	25727.50	-33.47	-25	PASS
n7	30	10	513000	1@23	DFT_QPSK	25623.13	-32.52	-25	PASS
n7	30	20	502000	50@0	DFT_QPSK	25335.00	-32.62	-25	PASS
n7	30	20	502000	1@0	DFT_QPSK	25651.25	-33.60	-25	PASS
n7	30	20	502000	1@50	DFT_QPSK	25686.25	-34.20	-25	PASS
n7	30	20	507000	50@0	DFT_QPSK	25613.13	-33.54	-25	PASS
n7	30	20	507000	1@0	DFT_QPSK	25825.63	-33.52	-25	PASS
n7	30	20	507000	1@50	DFT_QPSK	25687.50	-33.88	-25	PASS
n7	30	20	512000	50@0	DFT_QPSK	25762.50	-33.13	-25	PASS
n7	30	20	512000	1@0	DFT_QPSK	25536.88	-33.73	-25	PASS
n7	30	20	512000	1@50	DFT_QPSK	25808.75	-33.15	-25	PASS

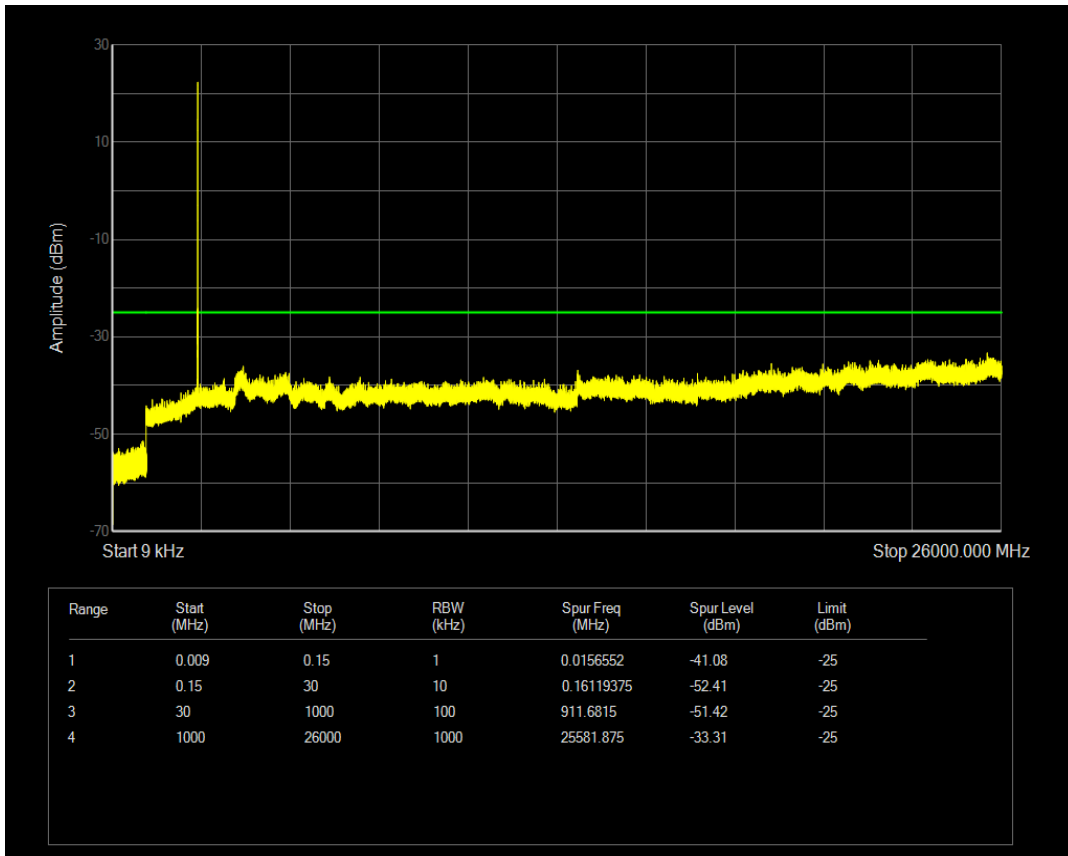
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=501000 RB=24@0



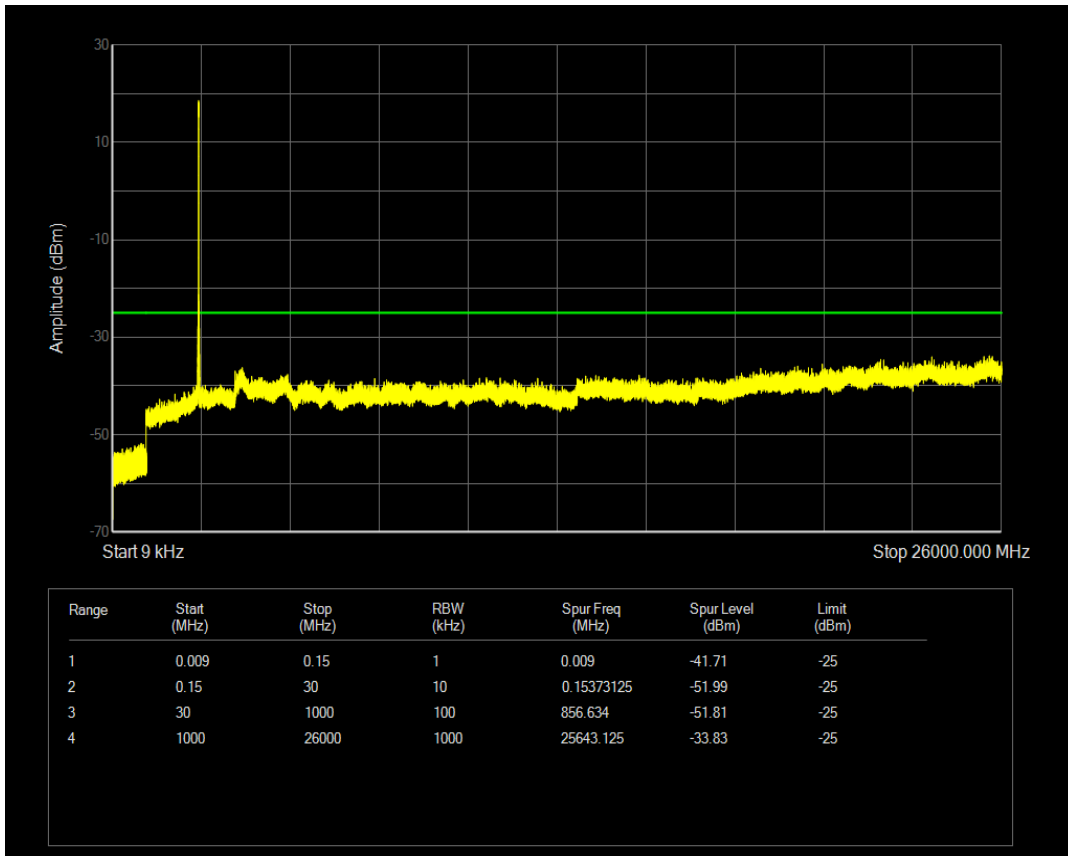
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=501000 RB=1@0



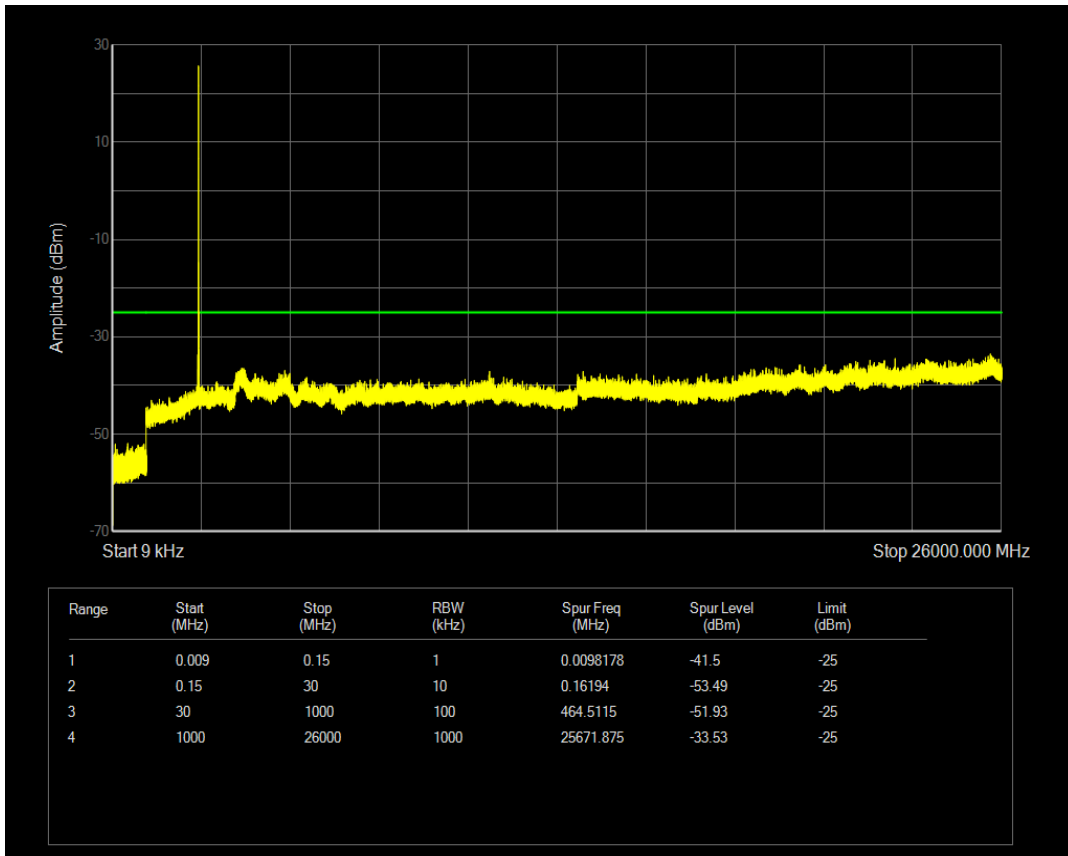
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=501000 RB=1@23



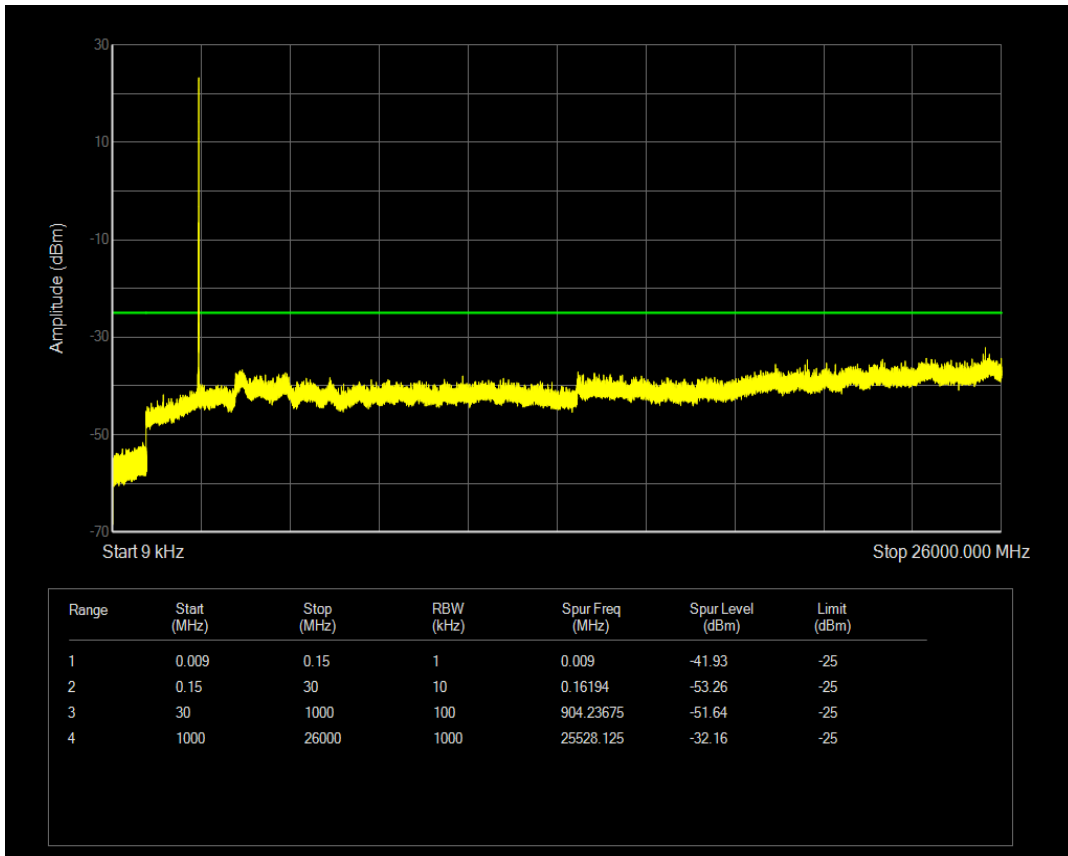
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=507000 RB=24@0



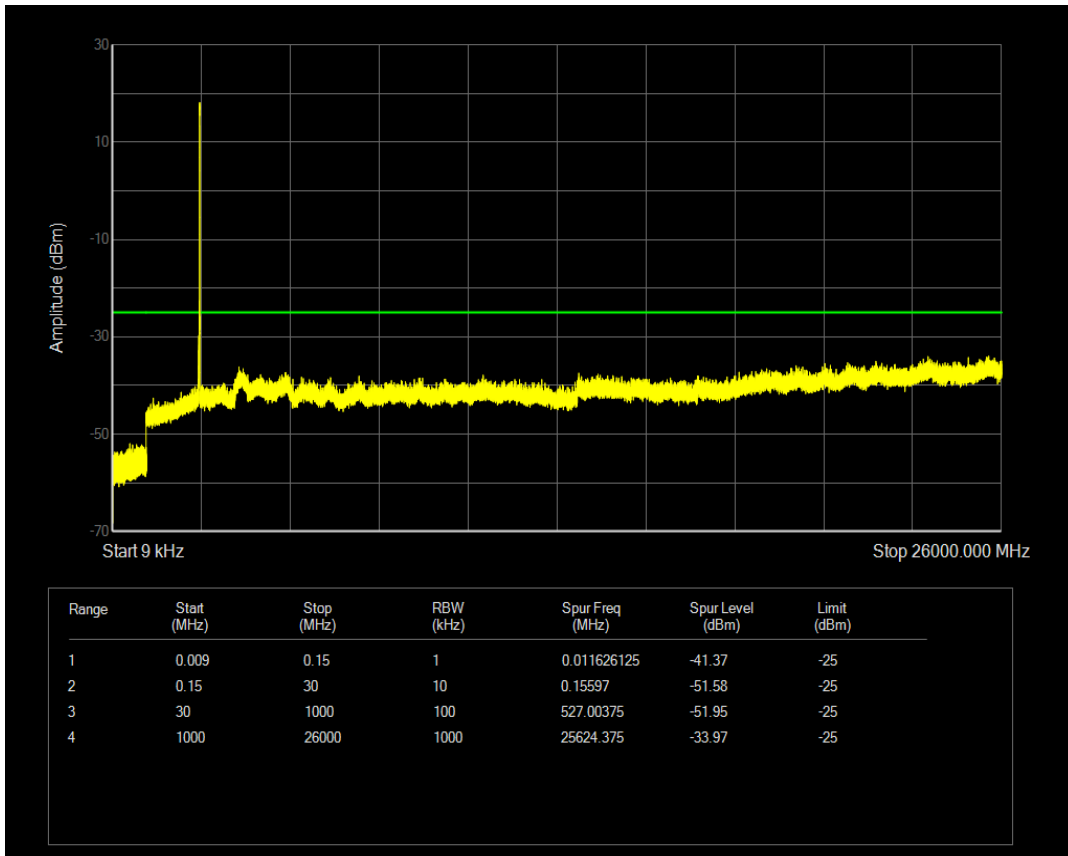
n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=507000 RB=1@0



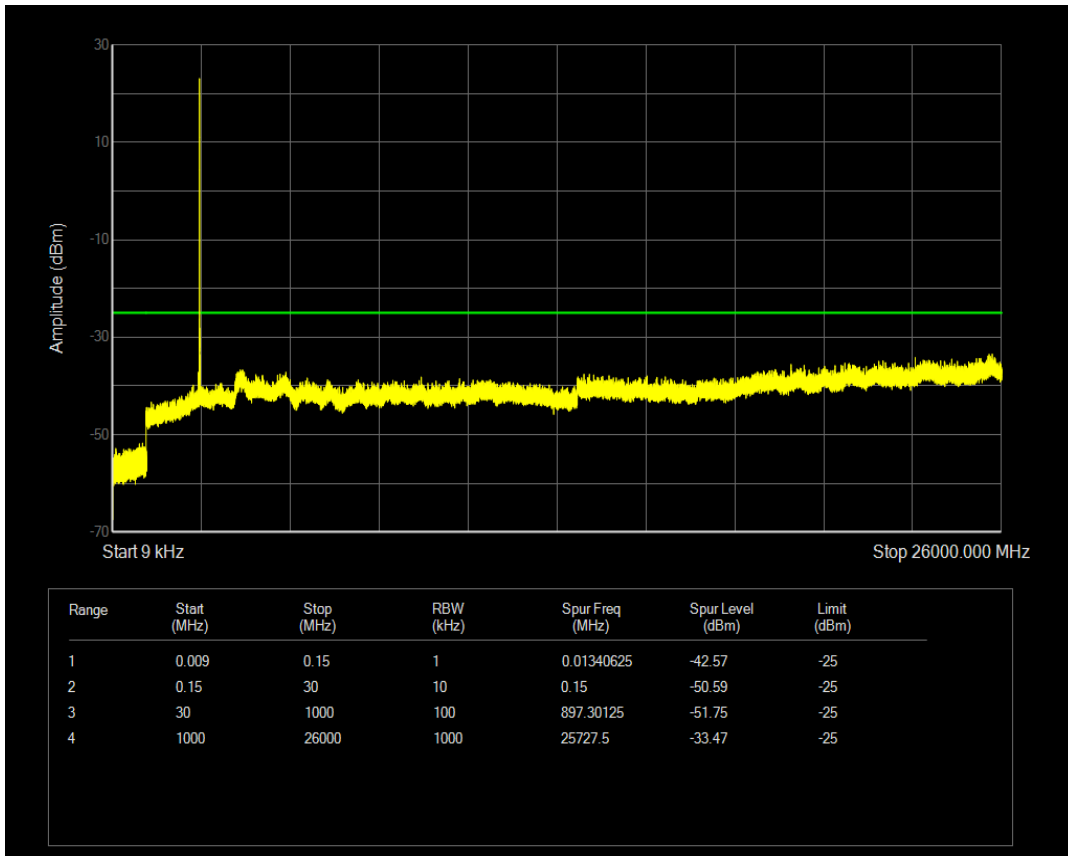
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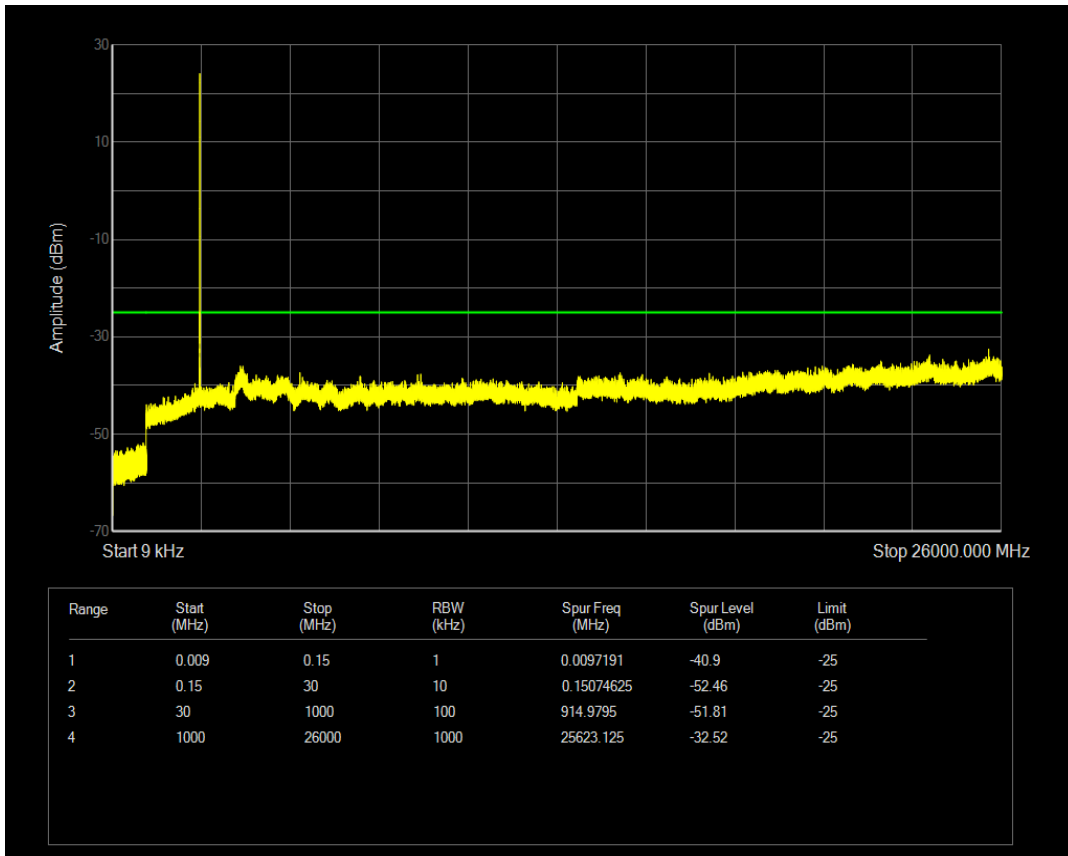
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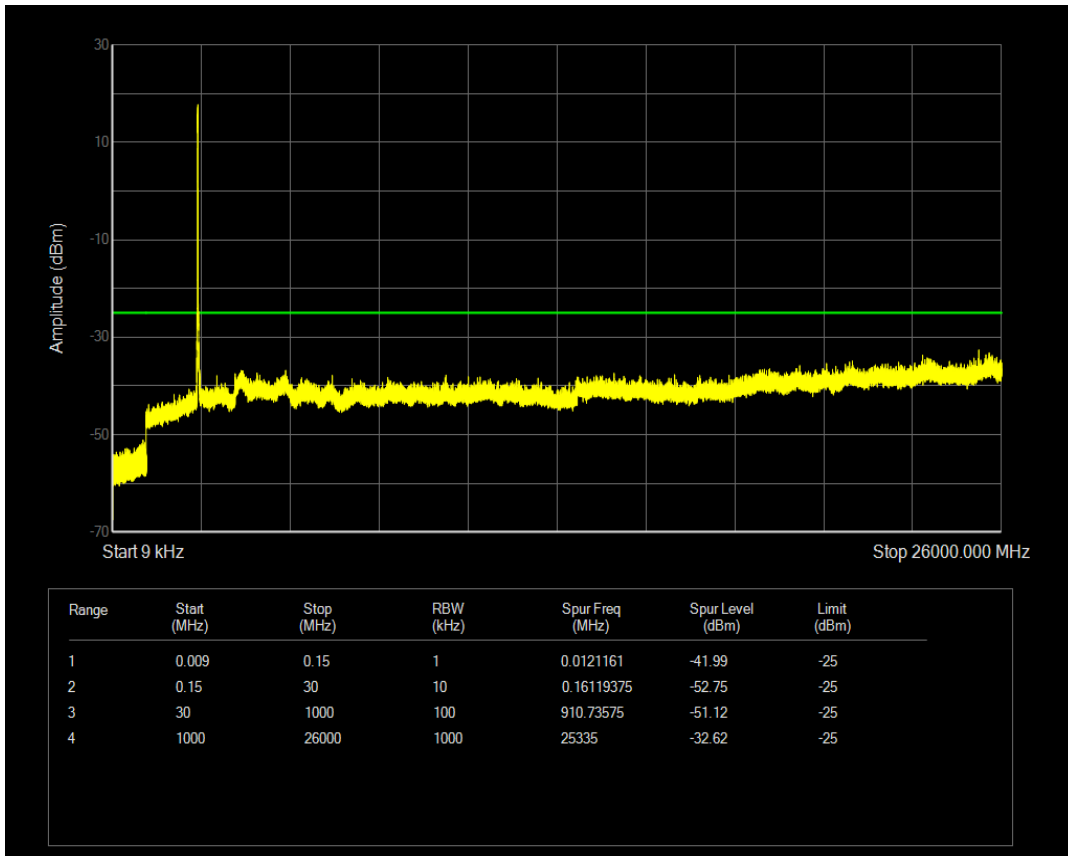
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n7 SCS=30kHz DFT\_QPSK BW=10MHz Channel=513000 RB=1@23

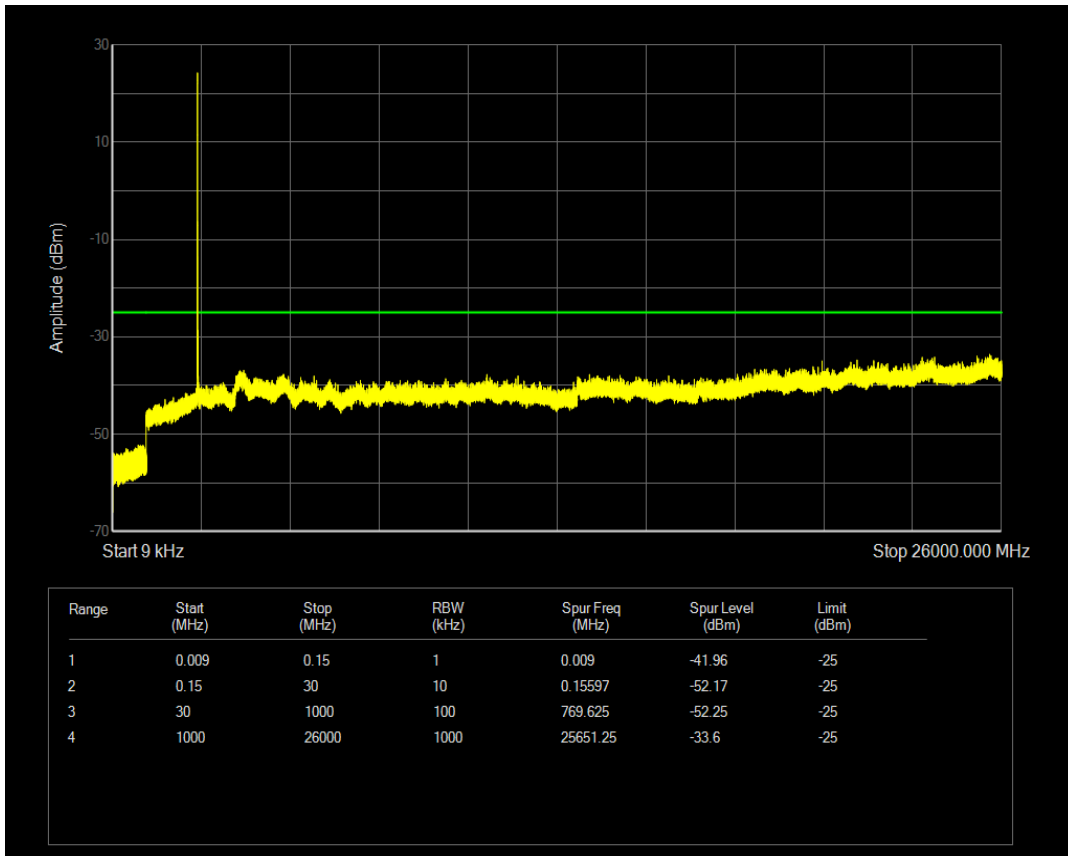


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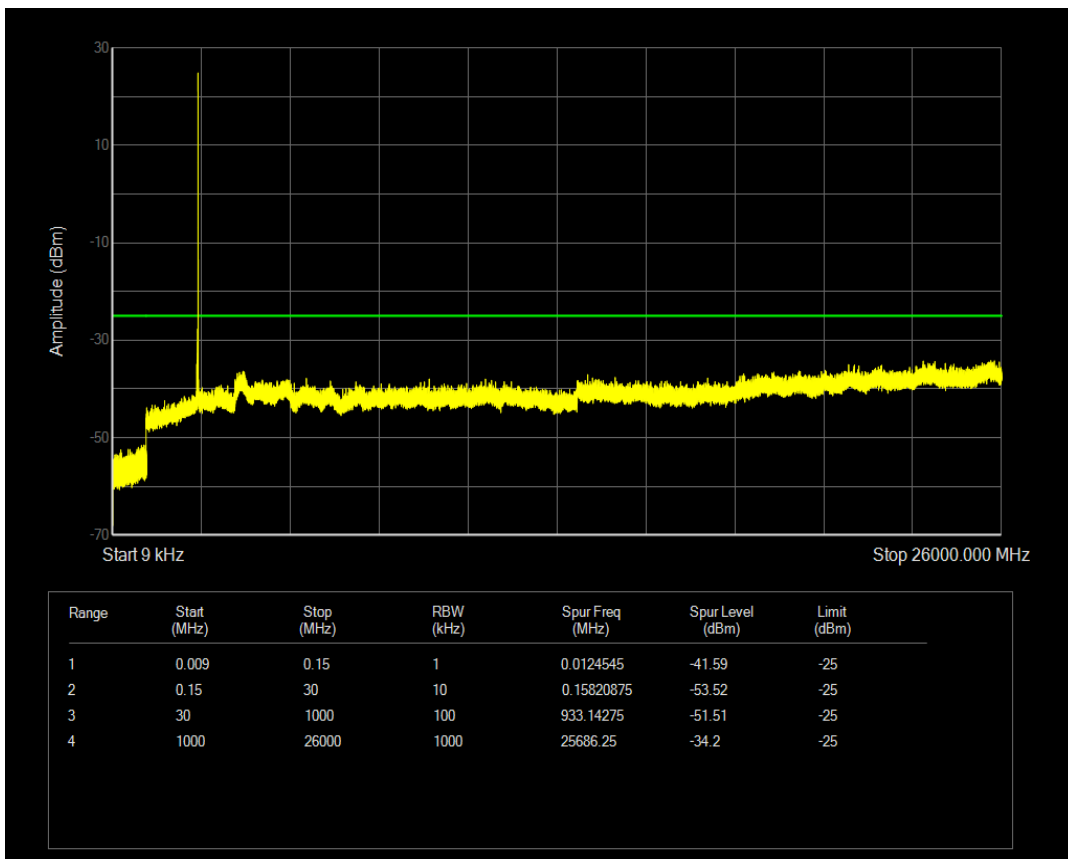




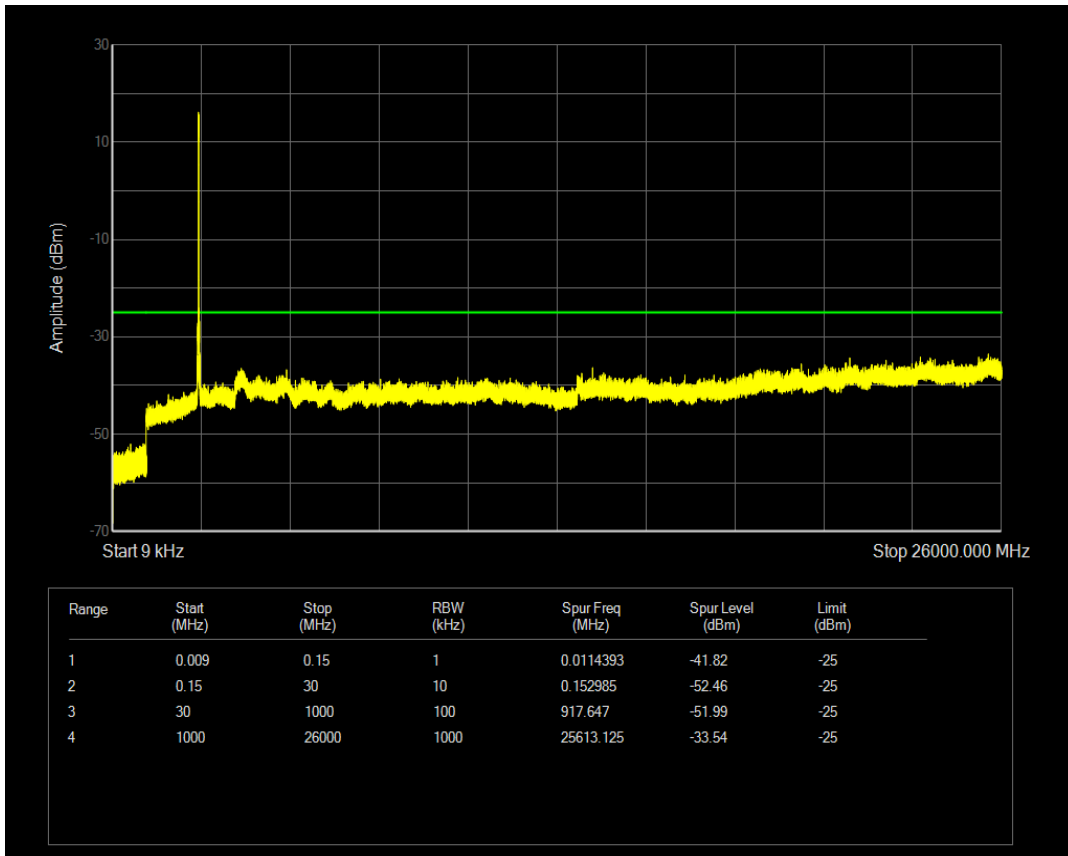
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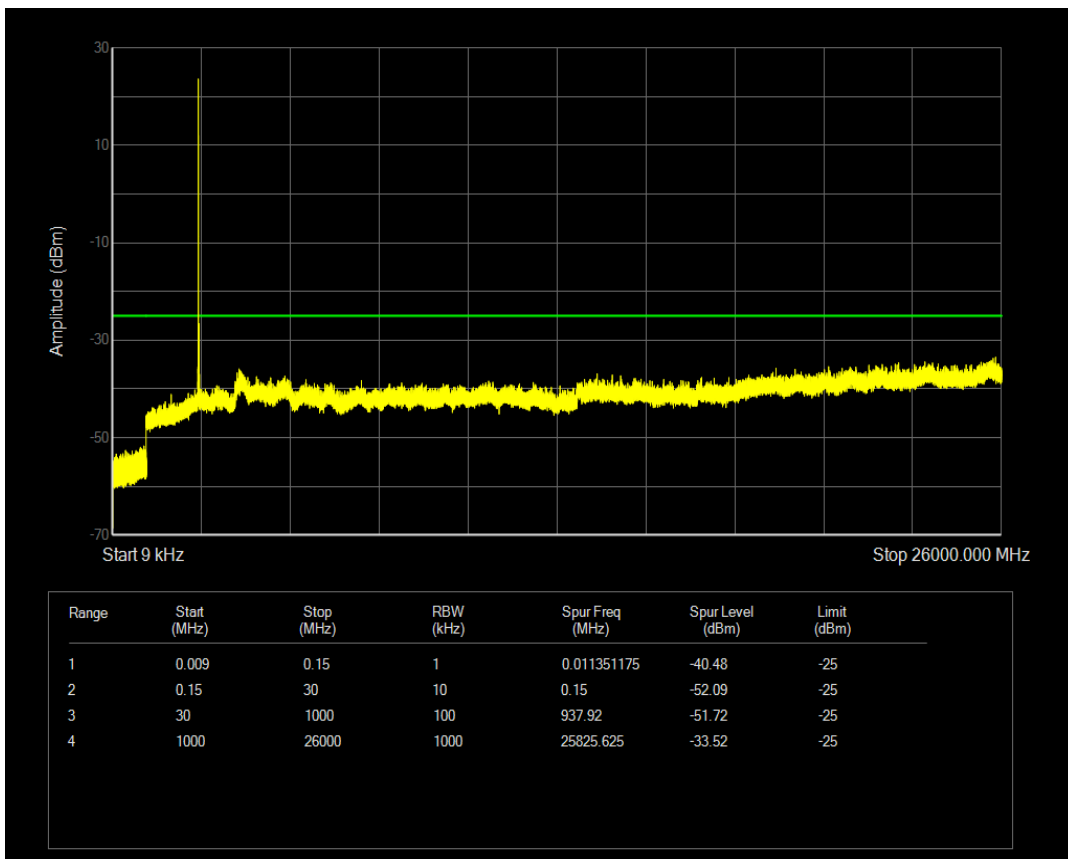
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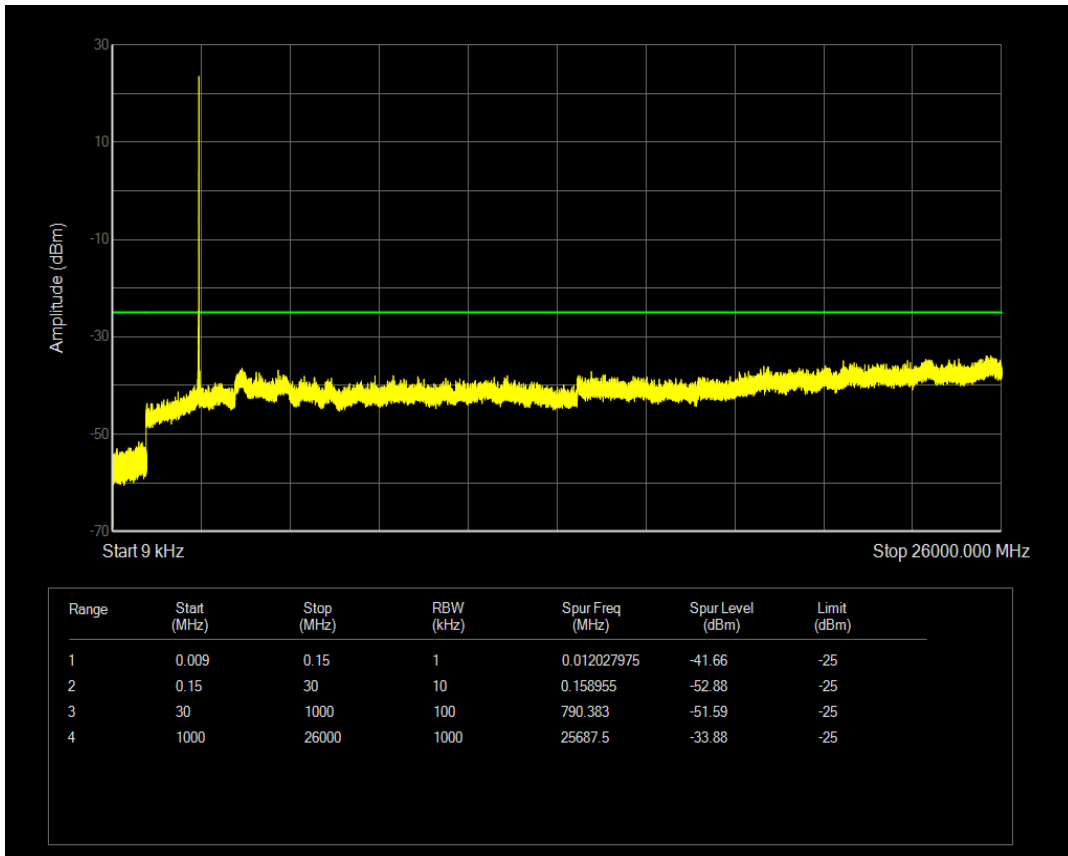
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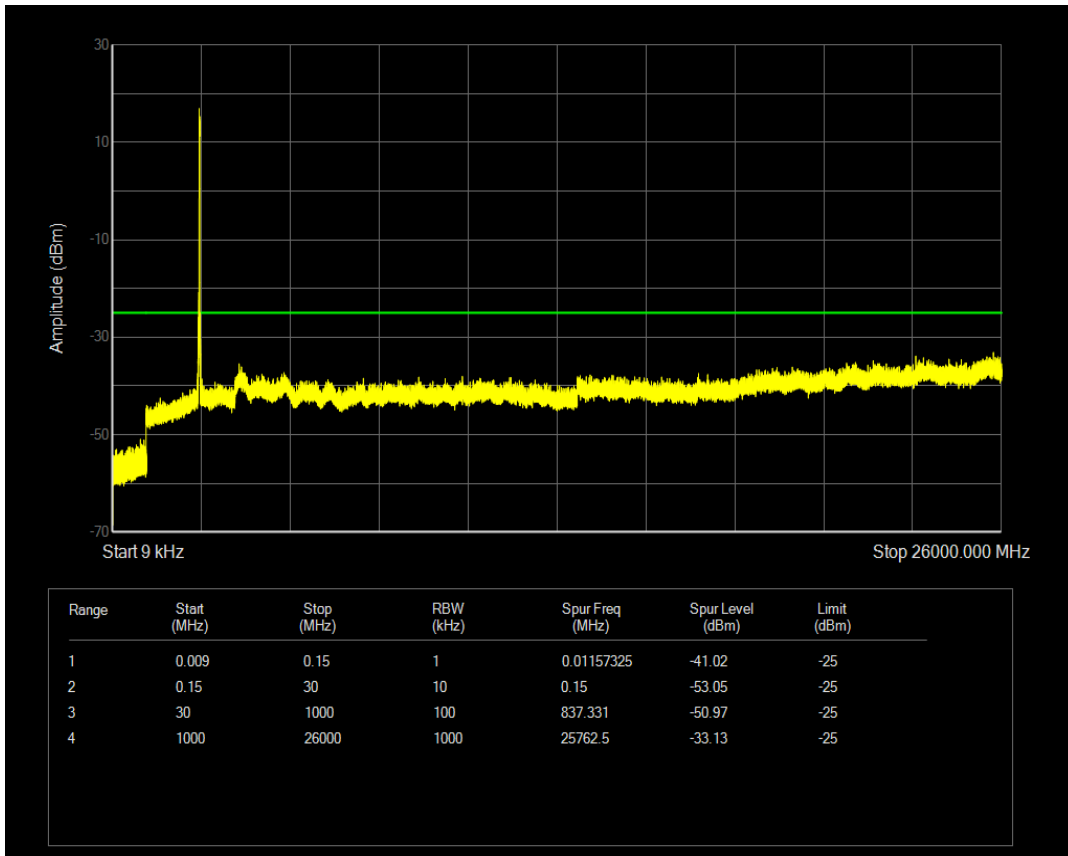
n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=507000 RB=1@0



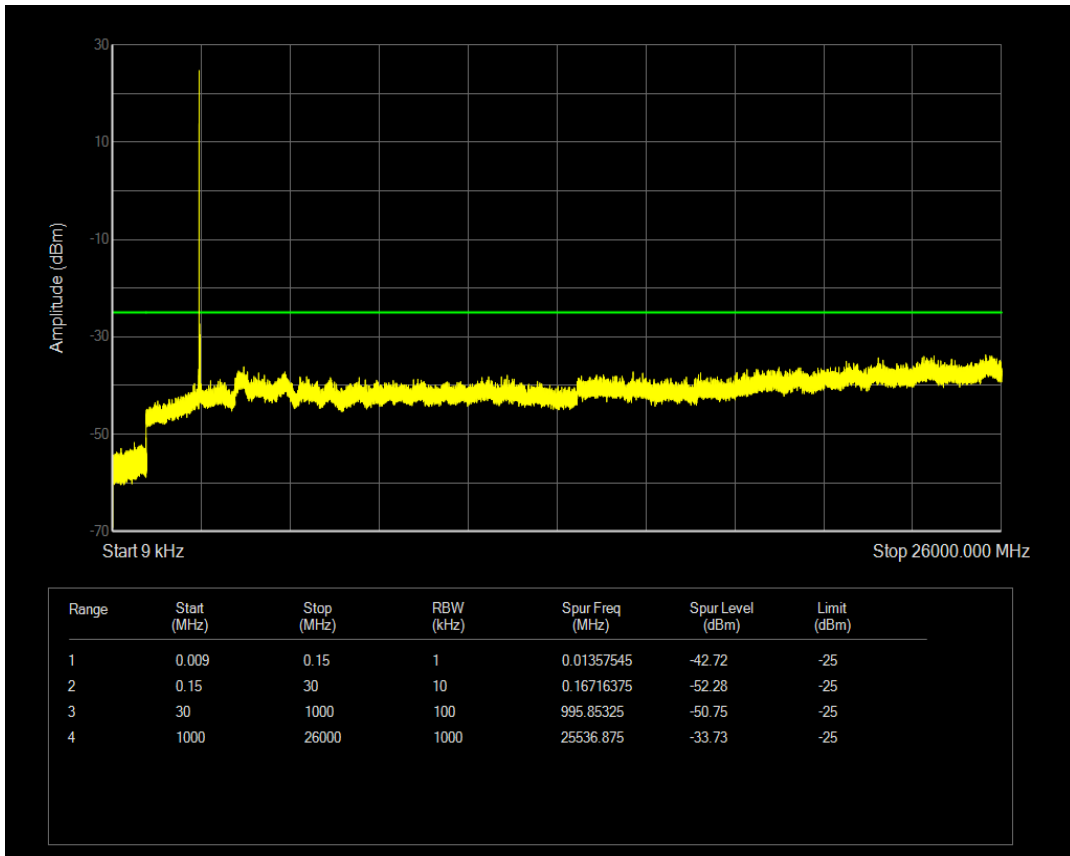
n7 SCS=30kHz DFT\_QPSK BW=20MHz Channel=507000 RB=1@50



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



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



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

