

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	22.86	22.46	33	PASS
n7	30	10	501000	1@1	DFT_BPSK	22.88	22.48	33	PASS
n7	30	10	501000	1@22	DFT_BPSK	22.88	22.48	33	PASS
n7	30	10	501000	12@6	DFT_QPSK	22.86	22.46	33	PASS
n7	30	10	501000	1@1	DFT_QPSK	22.66	22.26	33	PASS
n7	30	10	501000	1@22	DFT_QPSK	22.71	22.31	33	PASS
n7	30	10	501000	12@6	DFT_QAM16	22.01	21.61	33	PASS
n7	30	10	501000	1@1	DFT_QAM16	22.14	21.74	33	PASS
n7	30	10	501000	1@22	DFT_QAM16	22.14	21.74	33	PASS
n7	30	10	501000	12@6	DFT_QAM64	20.40	20	33	PASS
n7	30	10	501000	1@1	DFT_QAM64	20.73	20.33	33	PASS
n7	30	10	501000	1@22	DFT_QAM64	20.71	20.31	33	PASS
n7	30	10	501000	12@6	DFT_QAM256	18.30	17.9	33	PASS
n7	30	10	501000	1@1	DFT_QAM256	18.94	18.54	33	PASS
n7	30	10	501000	1@22	DFT_QAM256	18.78	18.38	33	PASS
n7	30	10	501000	12@6	CP_QPSK	21.34	20.94	33	PASS
n7	30	10	501000	1@1	CP_QPSK	21.15	20.75	33	PASS
n7	30	10	501000	1@22	CP_QPSK	21.29	20.89	33	PASS
n7	30	10	501000	12@6	CP_QAM16	20.86	20.46	33	PASS
n7	30	10	501000	1@1	CP_QAM16	21.49	21.09	33	PASS
n7	30	10	501000	1@22	CP_QAM16	21.38	20.98	33	PASS
n7	30	10	501000	12@6	CP_QAM64	19.46	19.06	33	PASS
n7	30	10	501000	1@1	CP_QAM64	19.87	19.47	33	PASS
n7	30	10	501000	1@22	CP_QAM64	19.95	19.55	33	PASS
n7	30	10	501000	12@6	CP_QAM256	16.48	16.08	33	PASS
n7	30	10	501000	1@1	CP_QAM256	16.51	16.11	33	PASS
n7	30	10	501000	1@22	CP_QAM256	16.54	16.14	33	PASS
n7	30	10	507000	12@6	DFT_BPSK	22.96	22.56	33	PASS
n7	30	10	507000	1@1	DFT_BPSK	22.91	22.51	33	PASS
n7	30	10	507000	1@22	DFT_BPSK	22.80	22.4	33	PASS
n7	30	10	507000	12@6	DFT_QPSK	22.92	22.52	33	PASS
n7	30	10	507000	1@1	DFT_QPSK	22.69	22.29	33	PASS
n7	30	10	507000	1@22	DFT_QPSK	22.73	22.33	33	PASS
n7	30	10	507000	12@6	DFT_QAM16	21.95	21.55	33	PASS
n7	30	10	507000	1@1	DFT_QAM16	22.21	21.81	33	PASS
n7	30	10	507000	1@22	DFT_QAM16	22.07	21.67	33	PASS

n7	30	10	507000	12@6	DFT_QAM64	20.48	20.08	33	PASS
n7	30	10	507000	1@1	DFT_QAM64	20.62	20.22	33	PASS
n7	30	10	507000	1@22	DFT_QAM64	20.69	20.29	33	PASS
n7	30	10	507000	12@6	DFT_QAM256	18.32	17.92	33	PASS
n7	30	10	507000	1@1	DFT_QAM256	18.85	18.45	33	PASS
n7	30	10	507000	1@22	DFT_QAM256	18.92	18.52	33	PASS
n7	30	10	507000	12@6	CP_QPSK	21.28	20.88	33	PASS
n7	30	10	507000	1@1	CP_QPSK	21.60	21.2	33	PASS
n7	30	10	507000	1@22	CP_QPSK	21.56	21.16	33	PASS
n7	30	10	507000	12@6	CP_QAM16	20.86	20.46	33	PASS
n7	30	10	507000	1@1	CP_QAM16	20.87	20.47	33	PASS
n7	30	10	507000	1@22	CP_QAM16	20.74	20.34	33	PASS
n7	30	10	507000	12@6	CP_QAM64	19.32	18.92	33	PASS
n7	30	10	507000	1@1	CP_QAM64	19.56	19.16	33	PASS
n7	30	10	507000	1@22	CP_QAM64	19.62	19.22	33	PASS
n7	30	10	507000	12@6	CP_QAM256	16.46	16.06	33	PASS
n7	30	10	507000	1@1	CP_QAM256	16.37	15.97	33	PASS
n7	30	10	507000	1@22	CP_QAM256	16.35	15.95	33	PASS
n7	30	10	513000	12@6	DFT_BPSK	22.95	22.55	33	PASS
n7	30	10	513000	1@1	DFT_BPSK	22.88	22.48	33	PASS
n7	30	10	513000	1@22	DFT_BPSK	22.92	22.52	33	PASS
n7	30	10	513000	12@6	DFT_QPSK	22.94	22.54	33	PASS
n7	30	10	513000	1@1	DFT_QPSK	22.75	22.35	33	PASS
n7	30	10	513000	1@22	DFT_QPSK	22.81	22.41	33	PASS
n7	30	10	513000	12@6	DFT_QAM16	22.06	21.66	33	PASS
n7	30	10	513000	1@1	DFT_QAM16	22.16	21.76	33	PASS
n7	30	10	513000	1@22	DFT_QAM16	22.24	21.84	33	PASS
n7	30	10	513000	12@6	DFT_QAM64	20.42	20.02	33	PASS
n7	30	10	513000	1@1	DFT_QAM64	20.67	20.27	33	PASS
n7	30	10	513000	1@22	DFT_QAM64	20.81	20.41	33	PASS
n7	30	10	513000	12@6	DFT_QAM256	18.40	18	33	PASS
n7	30	10	513000	1@1	DFT_QAM256	18.81	18.41	33	PASS
n7	30	10	513000	1@22	DFT_QAM256	19.19	18.79	33	PASS
n7	30	10	513000	12@6	CP_QPSK	21.41	21.01	33	PASS
n7	30	10	513000	1@1	CP_QPSK	21.22	20.82	33	PASS
n7	30	10	513000	1@22	CP_QPSK	21.33	20.93	33	PASS
n7	30	10	513000	12@6	CP_QAM16	21.02	20.62	33	PASS
n7	30	10	513000	1@1	CP_QAM16	21.38	20.98	33	PASS
n7	30	10	513000	1@22	CP_QAM16	21.49	21.09	33	PASS
n7	30	10	513000	12@6	CP_QAM64	19.45	19.05	33	PASS
n7	30	10	513000	1@1	CP_QAM64	19.90	19.5	33	PASS
n7	30	10	513000	1@22	CP_QAM64	19.99	19.59	33	PASS
n7	30	10	513000	12@6	CP_QAM256	16.59	16.19	33	PASS
n7	30	10	513000	1@1	CP_QAM256	16.53	16.13	33	PASS

n7	30	10	513000	1@22	CP_QAM256	16.68	16.28	33	PASS
n7	30	15	501500	18@9	DFT_BPSK	22.75	22.35	33	PASS
n7	30	15	501500	1@1	DFT_BPSK	22.78	22.38	33	PASS
n7	30	15	501500	1@36	DFT_BPSK	22.74	22.34	33	PASS
n7	30	15	501500	18@9	DFT_QPSK	22.81	22.41	33	PASS
n7	30	15	501500	1@1	DFT_QPSK	22.60	22.2	33	PASS
n7	30	15	501500	1@36	DFT_QPSK	22.64	22.24	33	PASS
n7	30	15	501500	18@9	DFT_QAM16	21.74	21.34	33	PASS
n7	30	15	501500	1@1	DFT_QAM16	21.99	21.59	33	PASS
n7	30	15	501500	1@36	DFT_QAM16	22.01	21.61	33	PASS
n7	30	15	501500	18@9	DFT_QAM64	20.32	19.92	33	PASS
n7	30	15	501500	1@1	DFT_QAM64	20.69	20.29	33	PASS
n7	30	15	501500	1@36	DFT_QAM64	20.57	20.17	33	PASS
n7	30	15	501500	18@9	DFT_QAM256	18.35	17.95	33	PASS
n7	30	15	501500	1@1	DFT_QAM256	18.88	18.48	33	PASS
n7	30	15	501500	1@36	DFT_QAM256	18.62	18.22	33	PASS
n7	30	15	501500	19@9	CP_QPSK	21.28	20.88	33	PASS
n7	30	15	501500	1@1	CP_QPSK	21.44	21.04	33	PASS
n7	30	15	501500	1@36	CP_QPSK	21.34	20.94	33	PASS
n7	30	15	501500	19@9	CP_QAM16	20.83	20.43	33	PASS
n7	30	15	501500	1@1	CP_QAM16	20.72	20.32	33	PASS
n7	30	15	501500	1@36	CP_QAM16	20.66	20.26	33	PASS
n7	30	15	501500	19@9	CP_QAM64	19.33	18.93	33	PASS
n7	30	15	501500	1@1	CP_QAM64	19.68	19.28	33	PASS
n7	30	15	501500	1@36	CP_QAM64	19.61	19.21	33	PASS
n7	30	15	501500	19@9	CP_QAM256	16.44	16.04	33	PASS
n7	30	15	501500	1@1	CP_QAM256	16.64	16.24	33	PASS
n7	30	15	501500	1@36	CP_QAM256	16.58	16.18	33	PASS
n7	30	15	507000	18@9	DFT_BPSK	22.75	22.35	33	PASS
n7	30	15	507000	1@1	DFT_BPSK	22.82	22.42	33	PASS
n7	30	15	507000	1@36	DFT_BPSK	22.85	22.45	33	PASS
n7	30	15	507000	18@9	DFT_QPSK	22.84	22.44	33	PASS
n7	30	15	507000	1@1	DFT_QPSK	22.56	22.16	33	PASS
n7	30	15	507000	1@36	DFT_QPSK	22.61	22.21	33	PASS
n7	30	15	507000	18@9	DFT_QAM16	21.85	21.45	33	PASS
n7	30	15	507000	1@1	DFT_QAM16	21.65	21.25	33	PASS
n7	30	15	507000	1@36	DFT_QAM16	21.70	21.3	33	PASS
n7	30	15	507000	18@9	DFT_QAM64	20.34	19.94	33	PASS
n7	30	15	507000	1@1	DFT_QAM64	20.53	20.13	33	PASS
n7	30	15	507000	1@36	DFT_QAM64	21.02	20.62	33	PASS
n7	30	15	507000	18@9	DFT_QAM256	18.36	17.96	33	PASS
n7	30	15	507000	1@1	DFT_QAM256	18.50	18.1	33	PASS
n7	30	15	507000	1@36	DFT_QAM256	18.78	18.38	33	PASS
n7	30	15	507000	19@9	CP_QPSK	21.27	20.87	33	PASS

n7	30	15	507000	1@1	CP_QPSK	21.32	20.92	33	PASS
n7	30	15	507000	1@36	CP_QPSK	21.27	20.87	33	PASS
n7	30	15	507000	19@9	CP_QAM16	20.81	20.41	33	PASS
n7	30	15	507000	1@1	CP_QAM16	21.22	20.82	33	PASS
n7	30	15	507000	1@36	CP_QAM16	21.15	20.75	33	PASS
n7	30	15	507000	19@9	CP_QAM64	19.30	18.9	33	PASS
n7	30	15	507000	1@1	CP_QAM64	20.00	19.6	33	PASS
n7	30	15	507000	1@36	CP_QAM64	19.43	19.03	33	PASS
n7	30	15	507000	19@9	CP_QAM256	16.62	16.22	33	PASS
n7	30	15	507000	1@1	CP_QAM256	16.55	16.15	33	PASS
n7	30	15	507000	1@36	CP_QAM256	16.24	15.84	33	PASS
n7	30	15	512500	18@9	DFT_BPSK	22.88	22.48	33	PASS
n7	30	15	512500	1@1	DFT_BPSK	22.81	22.41	33	PASS
n7	30	15	512500	1@36	DFT_BPSK	22.86	22.46	33	PASS
n7	30	15	512500	18@9	DFT_QPSK	22.90	22.5	33	PASS
n7	30	15	512500	1@1	DFT_QPSK	22.71	22.31	33	PASS
n7	30	15	512500	1@36	DFT_QPSK	22.72	22.32	33	PASS
n7	30	15	512500	18@9	DFT_QAM16	21.86	21.46	33	PASS
n7	30	15	512500	1@1	DFT_QAM16	21.59	21.19	33	PASS
n7	30	15	512500	1@36	DFT_QAM16	21.74	21.34	33	PASS
n7	30	15	512500	18@9	DFT_QAM64	20.44	20.04	33	PASS
n7	30	15	512500	1@1	DFT_QAM64	20.53	20.13	33	PASS
n7	30	15	512500	1@36	DFT_QAM64	20.66	20.26	33	PASS
n7	30	15	512500	18@9	DFT_QAM256	18.53	18.13	33	PASS
n7	30	15	512500	1@1	DFT_QAM256	18.89	18.49	33	PASS
n7	30	15	512500	1@36	DFT_QAM256	19.12	18.72	33	PASS
n7	30	15	512500	19@9	CP_QPSK	21.38	20.98	33	PASS
n7	30	15	512500	1@1	CP_QPSK	21.45	21.05	33	PASS
n7	30	15	512500	1@36	CP_QPSK	21.58	21.18	33	PASS
n7	30	15	512500	19@9	CP_QAM16	20.95	20.55	33	PASS
n7	30	15	512500	1@1	CP_QAM16	21.19	20.79	33	PASS
n7	30	15	512500	1@36	CP_QAM16	21.35	20.95	33	PASS
n7	30	15	512500	19@9	CP_QAM64	19.29	18.89	33	PASS
n7	30	15	512500	1@1	CP_QAM64	19.41	19.01	33	PASS
n7	30	15	512500	1@36	CP_QAM64	19.58	19.18	33	PASS
n7	30	15	512500	19@9	CP_QAM256	16.58	16.18	33	PASS
n7	30	15	512500	1@1	CP_QAM256	16.32	15.92	33	PASS
n7	30	15	512500	1@36	CP_QAM256	16.56	16.16	33	PASS
n7	30	20	502000	25@12	DFT_BPSK	22.81	22.41	33	PASS
n7	30	20	502000	1@1	DFT_BPSK	22.63	22.23	33	PASS
n7	30	20	502000	1@49	DFT_BPSK	22.73	22.33	33	PASS
n7	30	20	502000	25@12	DFT_QPSK	22.83	22.43	33	PASS
n7	30	20	502000	1@1	DFT_QPSK	22.50	22.1	33	PASS
n7	30	20	502000	1@49	DFT_QPSK	22.58	22.18	33	PASS

n7	30	20	502000	25@12	DFT_QAM16	21.86	21.46	33	PASS
n7	30	20	502000	1@1	DFT_QAM16	21.54	21.14	33	PASS
n7	30	20	502000	1@49	DFT_QAM16	21.54	21.14	33	PASS
n7	30	20	502000	25@12	DFT_QAM64	20.32	19.92	33	PASS
n7	30	20	502000	1@1	DFT_QAM64	21.03	20.63	33	PASS
n7	30	20	502000	1@49	DFT_QAM64	20.99	20.59	33	PASS
n7	30	20	502000	25@12	DFT_QAM256	18.25	17.85	33	PASS
n7	30	20	502000	1@1	DFT_QAM256	18.64	18.24	33	PASS
n7	30	20	502000	1@49	DFT_QAM256	18.53	18.13	33	PASS
n7	30	20	502000	25@12	CP_QPSK	21.25	20.85	33	PASS
n7	30	20	502000	1@1	CP_QPSK	21.22	20.82	33	PASS
n7	30	20	502000	1@49	CP_QPSK	21.14	20.74	33	PASS
n7	30	20	502000	25@12	CP_QAM16	20.80	20.4	33	PASS
n7	30	20	502000	1@1	CP_QAM16	21.04	20.64	33	PASS
n7	30	20	502000	1@49	CP_QAM16	20.61	20.21	33	PASS
n7	30	20	502000	25@12	CP_QAM64	19.28	18.88	33	PASS
n7	30	20	502000	1@1	CP_QAM64	19.81	19.41	33	PASS
n7	30	20	502000	1@49	CP_QAM64	19.92	19.52	33	PASS
n7	30	20	502000	25@12	CP_QAM256	16.38	15.98	33	PASS
n7	30	20	502000	1@1	CP_QAM256	16.68	16.28	33	PASS
n7	30	20	502000	1@49	CP_QAM256	16.51	16.11	33	PASS
n7	30	20	507000	25@12	DFT_BPSK	22.88	22.48	33	PASS
n7	30	20	507000	1@1	DFT_BPSK	22.75	22.35	33	PASS
n7	30	20	507000	1@49	DFT_BPSK	22.77	22.37	33	PASS
n7	30	20	507000	25@12	DFT_QPSK	22.87	22.47	33	PASS
n7	30	20	507000	1@1	DFT_QPSK	22.53	22.13	33	PASS
n7	30	20	507000	1@49	DFT_QPSK	22.59	22.19	33	PASS
n7	30	20	507000	25@12	DFT_QAM16	21.93	21.53	33	PASS
n7	30	20	507000	1@1	DFT_QAM16	21.90	21.5	33	PASS
n7	30	20	507000	1@49	DFT_QAM16	21.92	21.52	33	PASS
n7	30	20	507000	25@12	DFT_QAM64	20.31	19.91	33	PASS
n7	30	20	507000	1@1	DFT_QAM64	20.55	20.15	33	PASS
n7	30	20	507000	1@49	DFT_QAM64	20.63	20.23	33	PASS
n7	30	20	507000	25@12	DFT_QAM256	18.27	17.87	33	PASS
n7	30	20	507000	1@1	DFT_QAM256	18.84	18.44	33	PASS
n7	30	20	507000	1@49	DFT_QAM256	18.81	18.41	33	PASS
n7	30	20	507000	25@12	CP_QPSK	21.36	20.96	33	PASS
n7	30	20	507000	1@1	CP_QPSK	21.36	20.96	33	PASS
n7	30	20	507000	1@49	CP_QPSK	21.35	20.95	33	PASS
n7	30	20	507000	25@12	CP_QAM16	20.77	20.37	33	PASS
n7	30	20	507000	1@1	CP_QAM16	21.11	20.71	33	PASS
n7	30	20	507000	1@49	CP_QAM16	20.60	20.2	33	PASS
n7	30	20	507000	25@12	CP_QAM64	19.32	18.92	33	PASS
n7	30	20	507000	1@1	CP_QAM64	19.83	19.43	33	PASS

n7	30	20	507000	1@49	CP_QAM64	19.74	19.34	33	PASS
n7	30	20	507000	25@12	CP_QAM256	16.45	16.05	33	PASS
n7	30	20	507000	1@1	CP_QAM256	16.31	15.91	33	PASS
n7	30	20	507000	1@49	CP_QAM256	16.17	15.77	33	PASS
n7	30	20	512000	25@12	DFT_BPSK	22.84	22.44	33	PASS
n7	30	20	512000	1@1	DFT_BPSK	22.70	22.3	33	PASS
n7	30	20	512000	1@49	DFT_BPSK	22.80	22.4	33	PASS
n7	30	20	512000	25@12	DFT_QPSK	22.88	22.48	33	PASS
n7	30	20	512000	1@1	DFT_QPSK	22.52	22.12	33	PASS
n7	30	20	512000	1@49	DFT_QPSK	22.68	22.28	33	PASS
n7	30	20	512000	25@12	DFT_QAM16	21.93	21.53	33	PASS
n7	30	20	512000	1@1	DFT_QAM16	21.86	21.46	33	PASS
n7	30	20	512000	1@49	DFT_QAM16	21.59	21.19	33	PASS
n7	30	20	512000	25@12	DFT_QAM64	20.31	19.91	33	PASS
n7	30	20	512000	1@1	DFT_QAM64	20.65	20.25	33	PASS
n7	30	20	512000	1@49	DFT_QAM64	20.81	20.41	33	PASS
n7	30	20	512000	25@12	DFT_QAM256	18.32	17.92	33	PASS
n7	30	20	512000	1@1	DFT_QAM256	18.69	18.29	33	PASS
n7	30	20	512000	1@49	DFT_QAM256	18.86	18.46	33	PASS
n7	30	20	512000	25@12	CP_QPSK	21.34	20.94	33	PASS
n7	30	20	512000	1@1	CP_QPSK	21.33	20.93	33	PASS
n7	30	20	512000	1@49	CP_QPSK	21.43	21.03	33	PASS
n7	30	20	512000	25@12	CP_QAM16	20.80	20.4	33	PASS
n7	30	20	512000	1@1	CP_QAM16	20.52	20.12	33	PASS
n7	30	20	512000	1@49	CP_QAM16	20.74	20.34	33	PASS
n7	30	20	512000	25@12	CP_QAM64	19.43	19.03	33	PASS
n7	30	20	512000	1@1	CP_QAM64	19.64	19.24	33	PASS
n7	30	20	512000	1@49	CP_QAM64	19.75	19.35	33	PASS
n7	30	20	512000	25@12	CP_QAM256	16.45	16.05	33	PASS
n7	30	20	512000	1@1	CP_QAM256	16.50	16.1	33	PASS
n7	30	20	512000	1@49	CP_QAM256	16.48	16.08	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	-3.83	0.00	Within authorized band for 5G NR n7	PASS
n7	30	20	507000	25@12	DFT_BPSK	3.45	-2.71	0.00		PASS
n7	30	20	507000	25@12	DFT_BPSK	4.40	-5.38	0.00		PASS
n7	30	20	507000	25@12	DFT_QPSK	3.85	-8.12	0.00		PASS
n7	30	20	507000	25@12	DFT_QPSK	3.45	-10.25	0.00		PASS
n7	30	20	507000	25@12	DFT_QPSK	4.40	-4.47	0.00		PASS

Note: Only the worst case shown in the report.

NV:

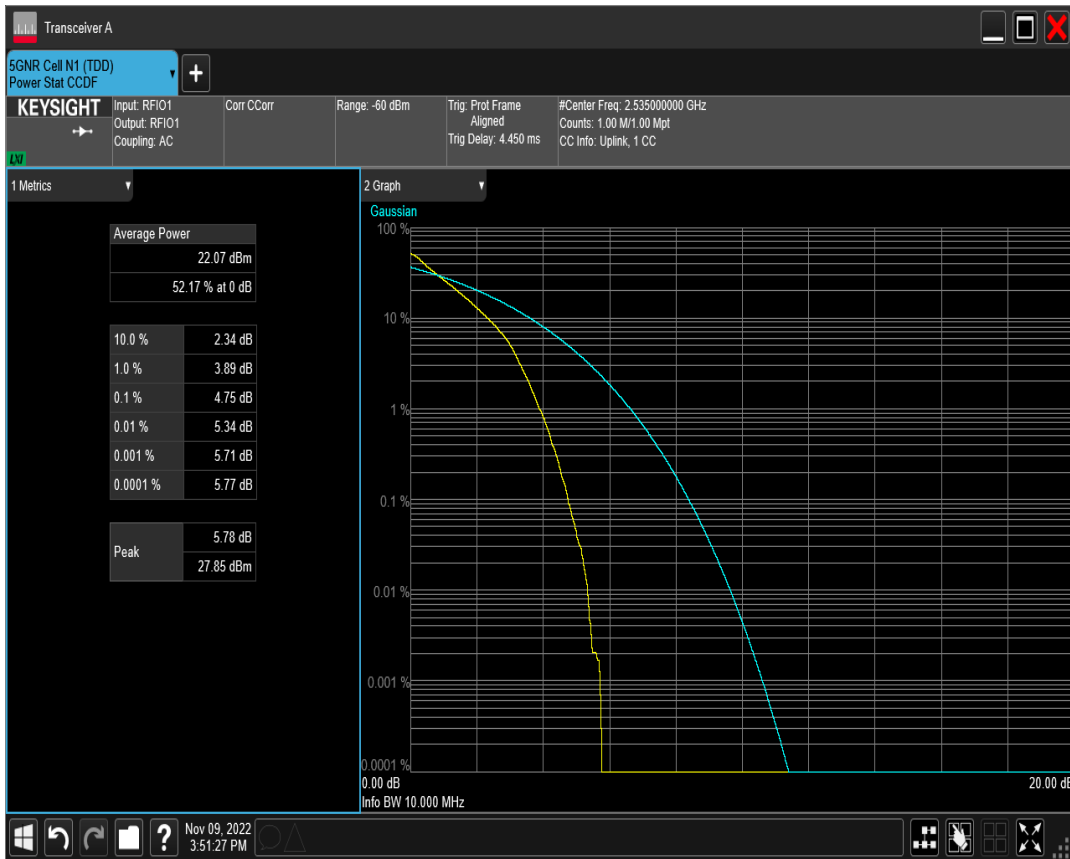
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Temperature(°C)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n7	30	20	507000	25@12	DFT_BPSK	-30	-3.35	0.00	Within authorized band for 5G NR n7	PASS
n7	30	20	507000	25@12	DFT_BPSK	-20	-7.13	0.00		PASS
n7	30	20	507000	25@12	DFT_BPSK	-10	-4.60	0.00		PASS
n7	30	20	507000	25@12	DFT_BPSK	0	-2.87	0.00		PASS
n7	30	20	507000	25@12	DFT_BPSK	10	-4.64	0.00		PASS
n7	30	20	507000	25@12	DFT_BPSK	20	-1.30	0.00		PASS
n7	30	20	507000	25@12	DFT_BPSK	30	-3.07	0.00		PASS
n7	30	20	507000	25@12	DFT_BPSK	40	-3.71	0.00		PASS
n7	30	20	507000	25@12	DFT_BPSK	50	-4.93	0.00		PASS
n7	30	20	507000	25@12	DFT_QPSK	-30	-0.95	0.00		PASS
n7	30	20	507000	25@12	DFT_QPSK	-20	-4.18	0.00		PASS
n7	30	20	507000	25@12	DFT_QPSK	-10	-6.01	0.00		PASS
n7	30	20	507000	25@12	DFT_QPSK	0	-4.69	0.00		PASS
n7	30	20	507000	25@12	DFT_QPSK	10	-2.90	0.00		PASS
n7	30	20	507000	25@12	DFT_QPSK	20	-4.46	0.00		PASS
n7	30	20	507000	25@12	DFT_QPSK	30	-3.35	0.00		PASS
n7	30	20	507000	25@12	DFT_QPSK	40	-7.13	0.00	PASS	
n7	30	20	507000	25@12	DFT_QPSK	50	-4.60	0.00	PASS	

Note: Only the worst case shown in the report.

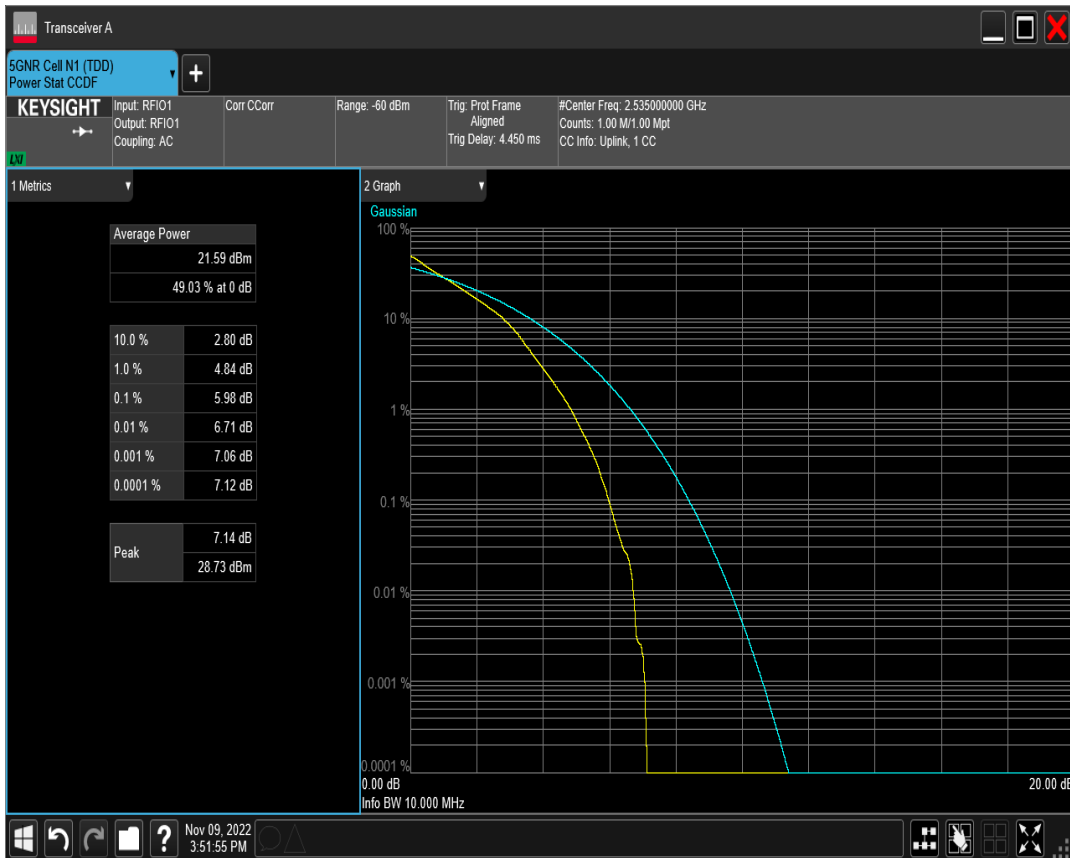
3 Peak-to-Average Ratio for NR FR1

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	5.98	13	PASS
n7	30	10	507000	24@0	DFT_QAM16	6.81	13	PASS
n7	30	10	507000	24@0	DFT_QAM64	6.93	13	PASS
n7	30	10	507000	24@0	DFT_QAM256	7.53	13	PASS
n7	30	15	507000	36@0	DFT_BPSK	4.83	13	PASS
n7	30	15	507000	36@0	DFT_QPSK	6.03	13	PASS
n7	30	15	507000	36@0	DFT_QAM16	6.95	13	PASS
n7	30	15	507000	36@0	DFT_QAM64	6.93	13	PASS
n7	30	15	507000	36@0	DFT_QAM256	7.18	13	PASS
n7	30	20	507000	50@0	DFT_BPSK	4.78	13	PASS
n7	30	20	507000	50@0	DFT_QPSK	5.92	13	PASS
n7	30	20	507000	50@0	DFT_QAM16	6.75	13	PASS
n7	30	20	507000	50@0	DFT_QAM64	6.96	13	PASS
n7	30	20	507000	50@0	DFT_QAM256	7.17	13	PASS

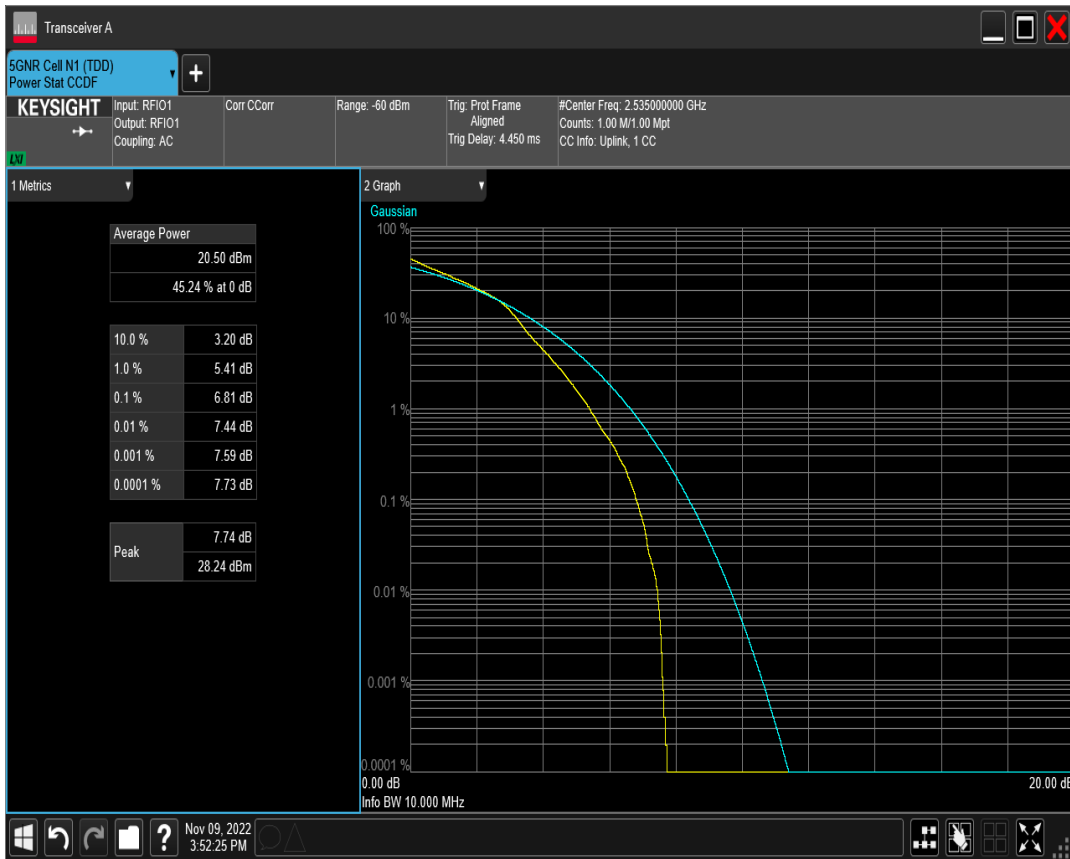
n7 SCS=30kHz DFT_BPSK BW=10MHz Channel=507000 RB=24@0



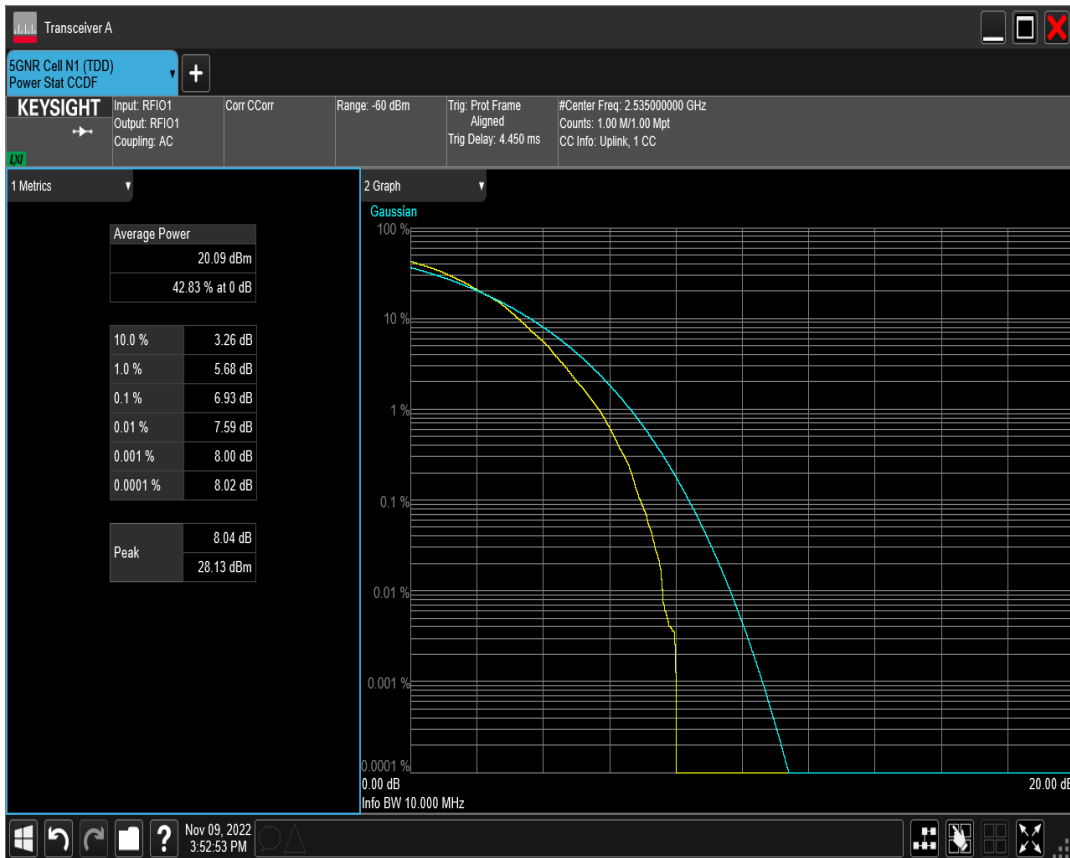
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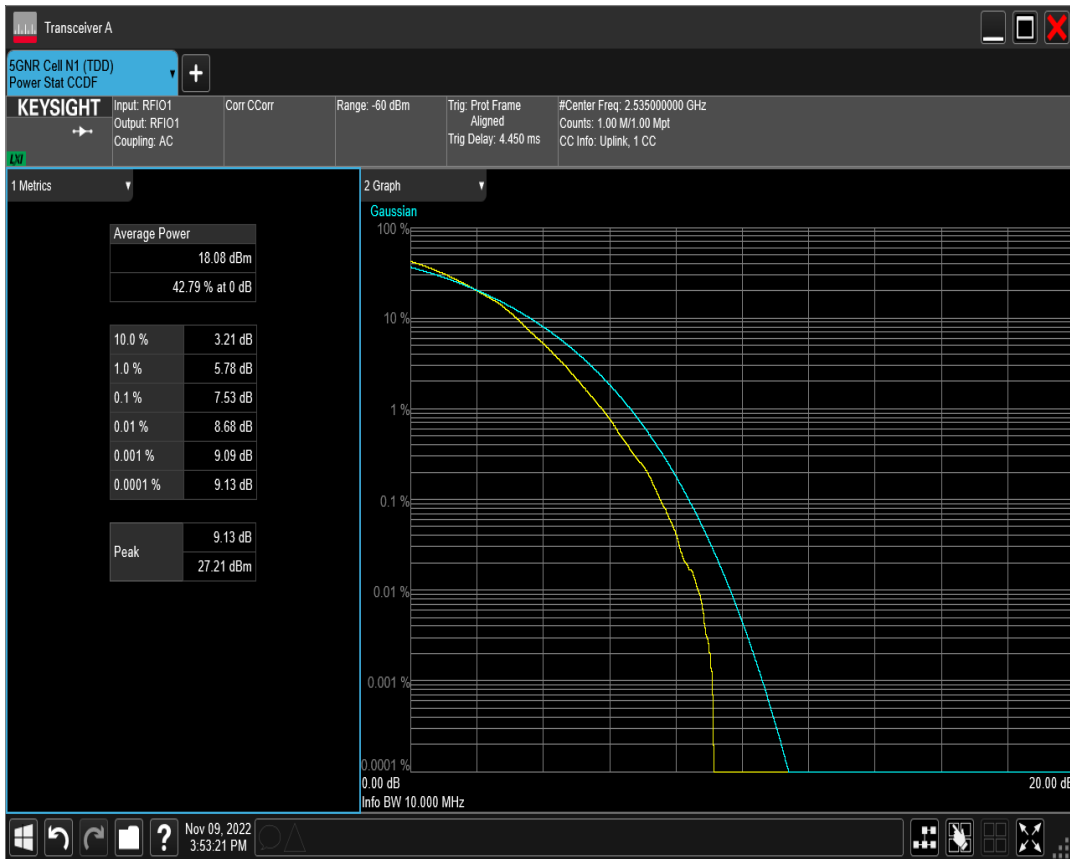
n7 SCS=30kHz DFT_QAM16 BW=10MHz Channel=507000 RB=24@0



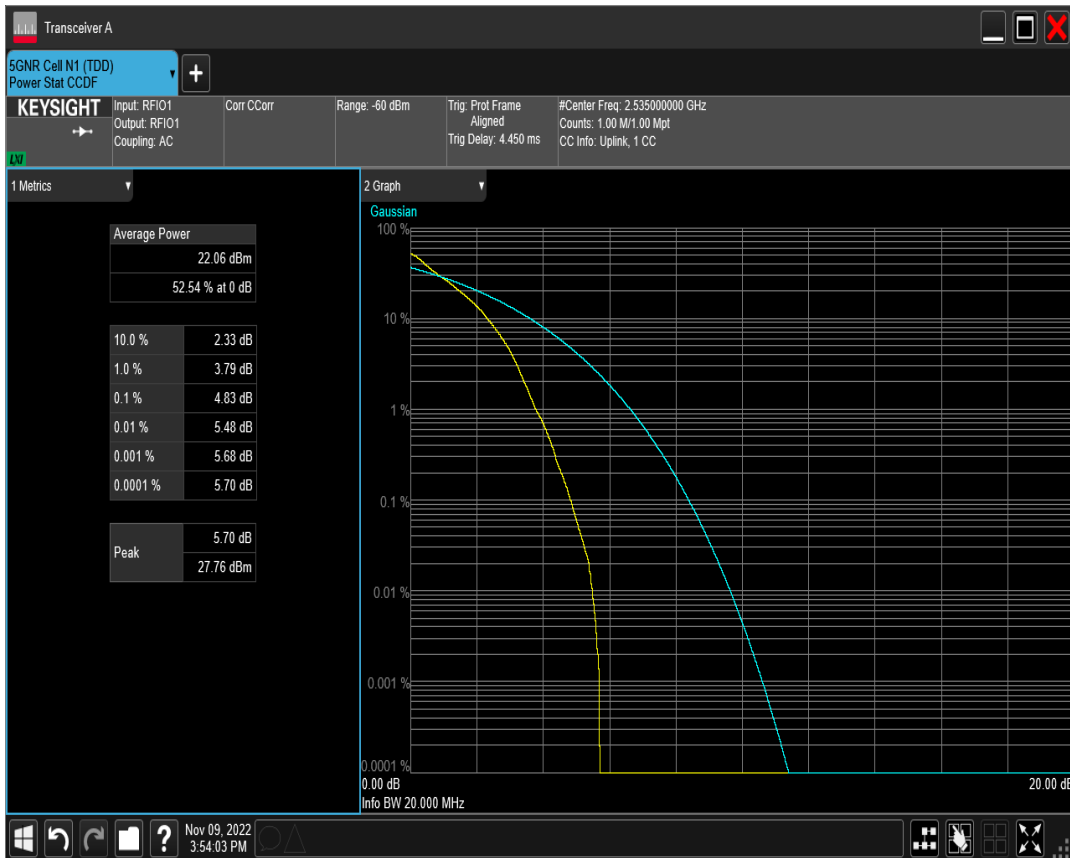
n7 SCS=30kHz DFT_QAM64 BW=10MHz Channel=507000 RB=24@0



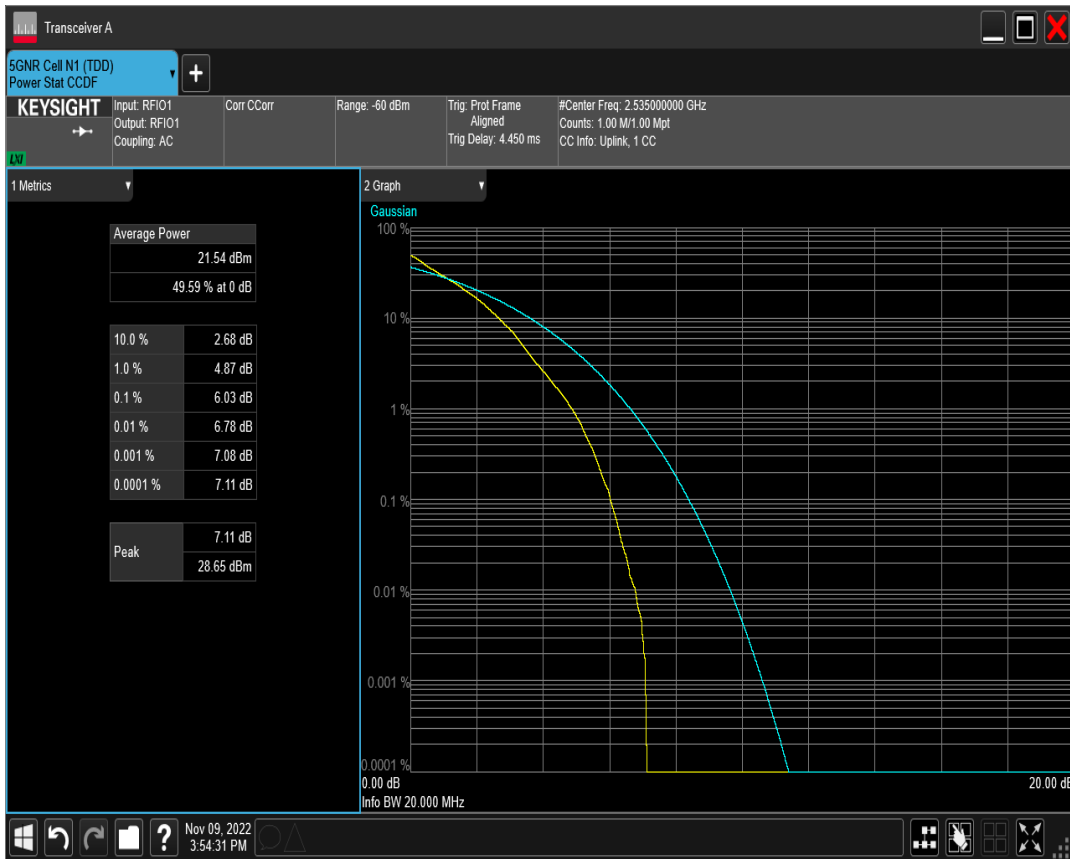
n7 SCS=30kHz DFT_QAM256 BW=10MHz Channel=507000 RB=24@0



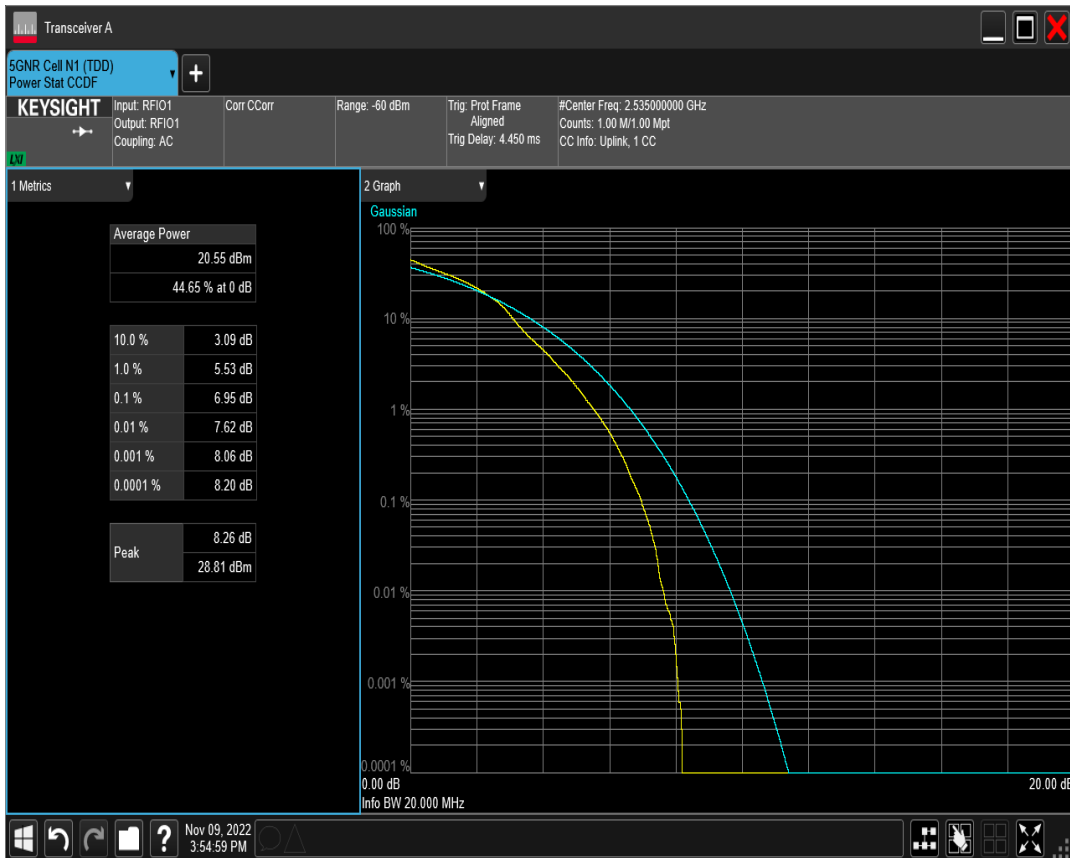
n7 SCS=30kHz DFT_BPSK BW=15MHz Channel=507000 RB=36@0



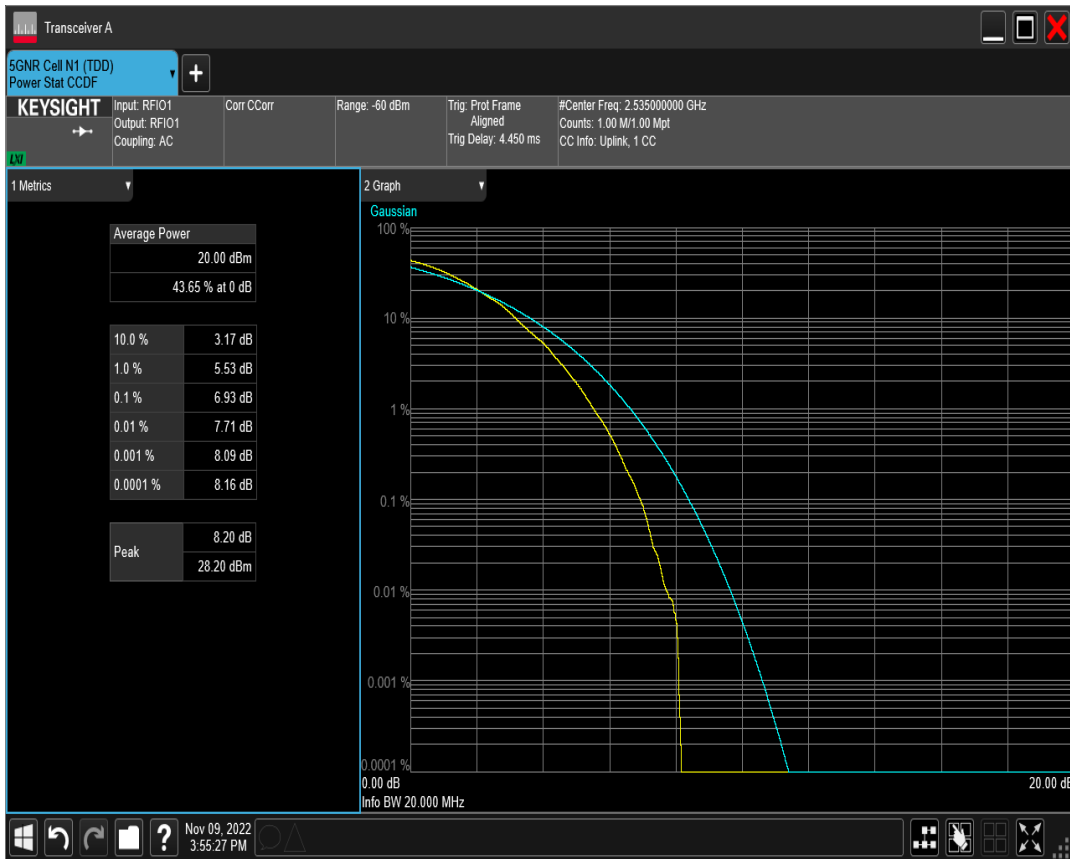
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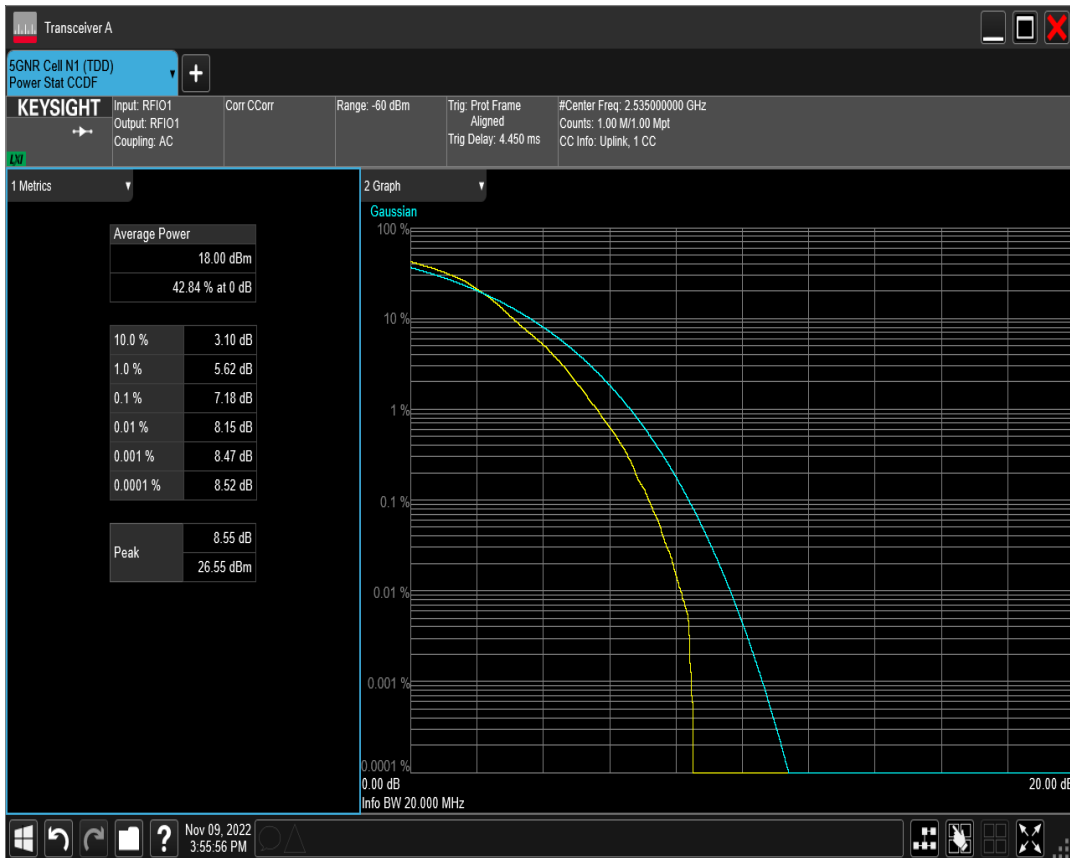
n7 SCS=30kHz DFT_QAM16 BW=15MHz Channel=507000 RB=36@0



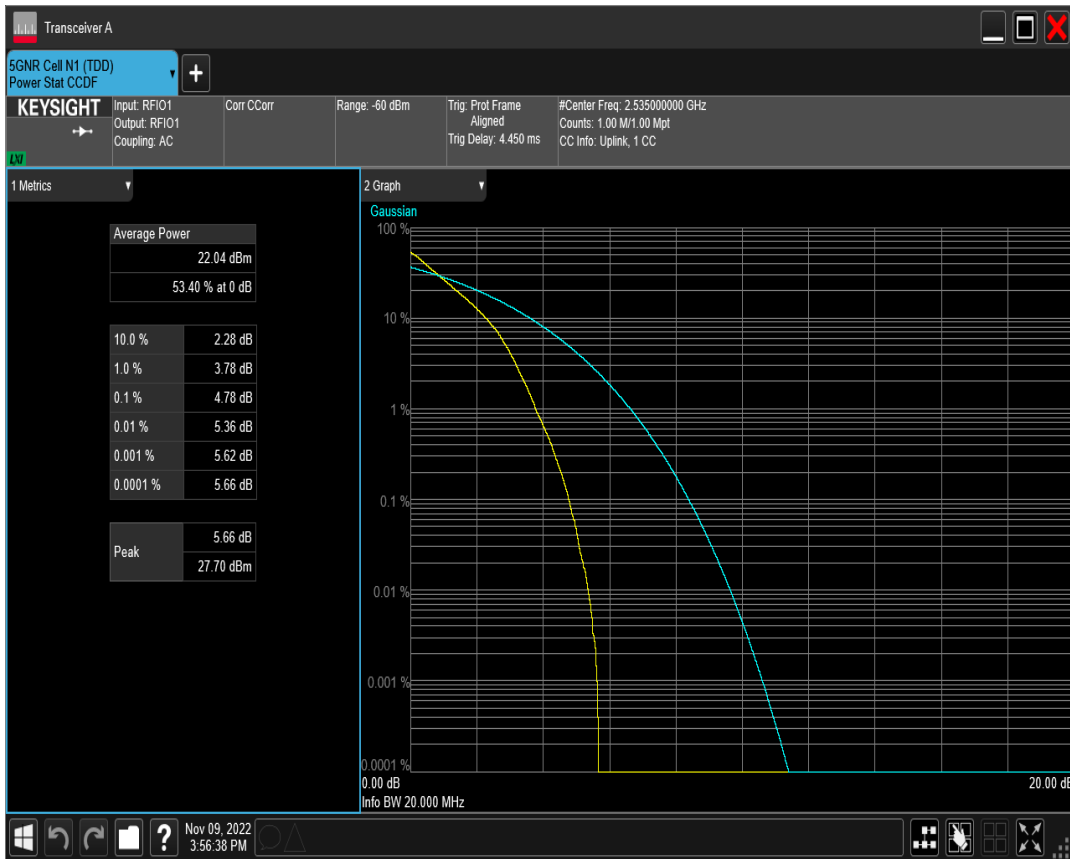
n7 SCS=30kHz DFT_QAM64 BW=15MHz Channel=507000 RB=36@0



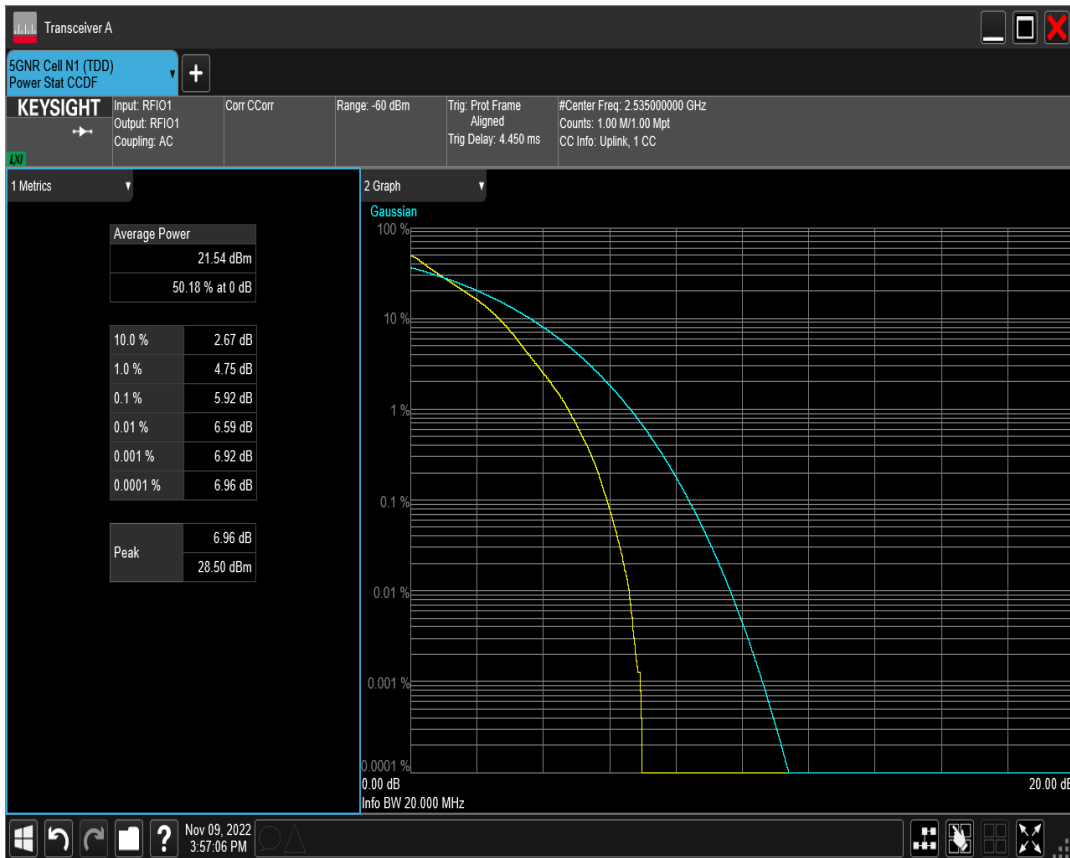
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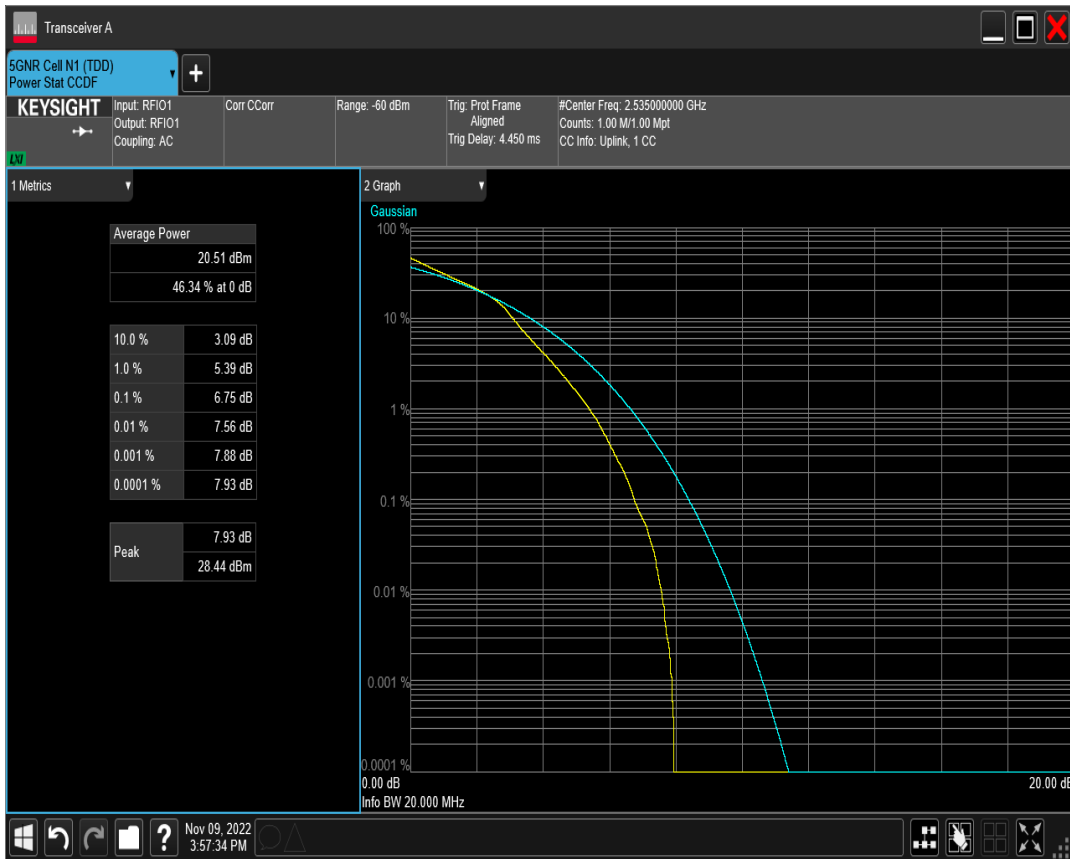
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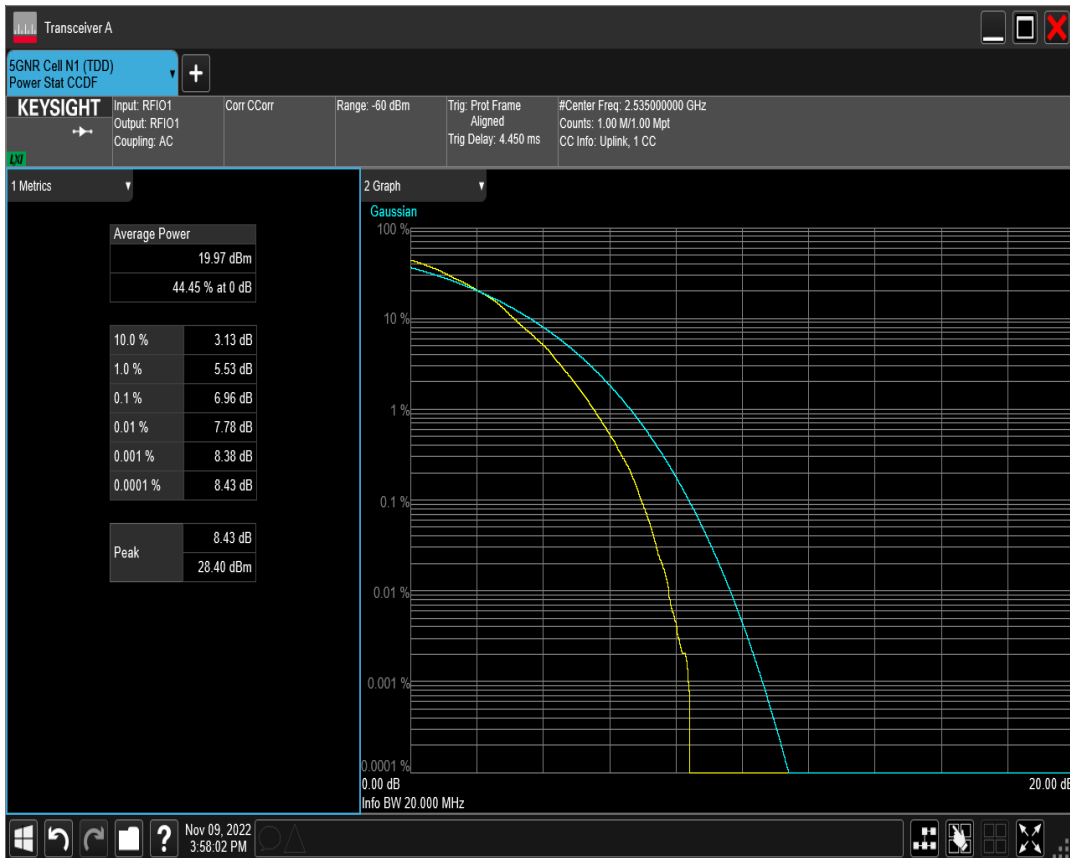
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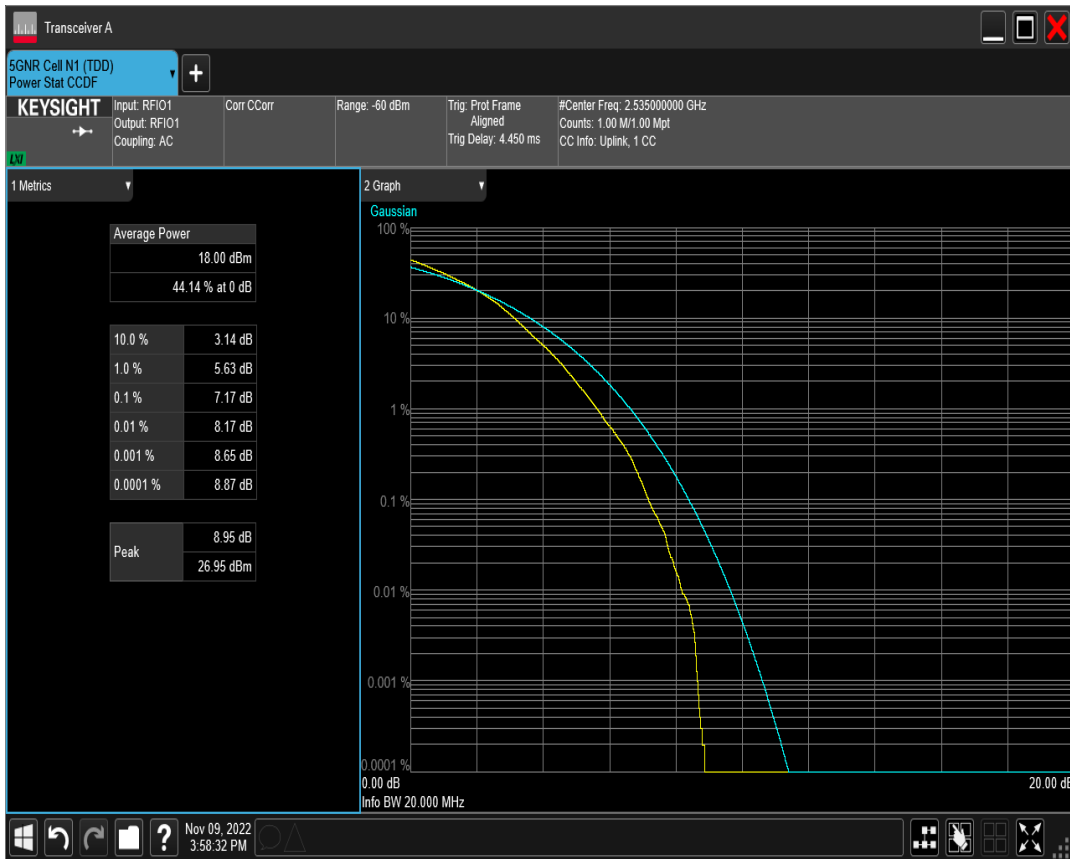
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n7 SCS=30kHz DFT_QAM64 BW=20MHz Channel=507000 RB=50@0



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

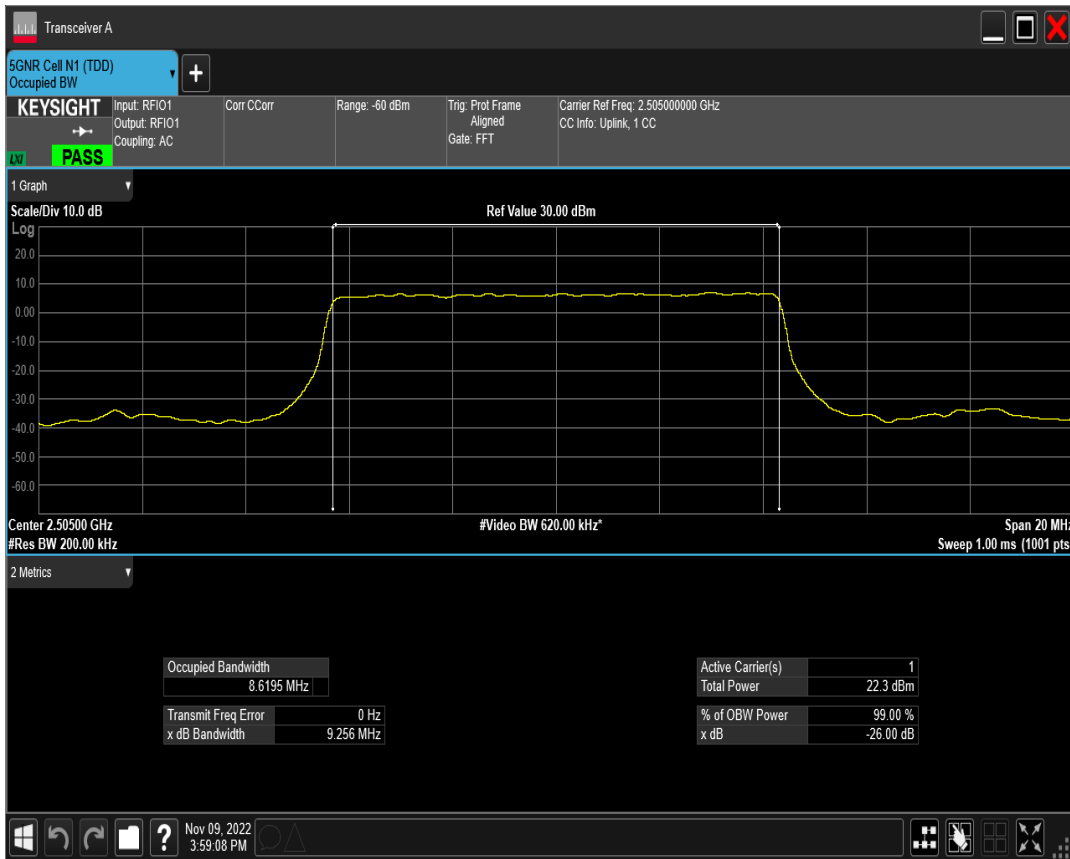


4 Occupied bandwidth for NR FR1

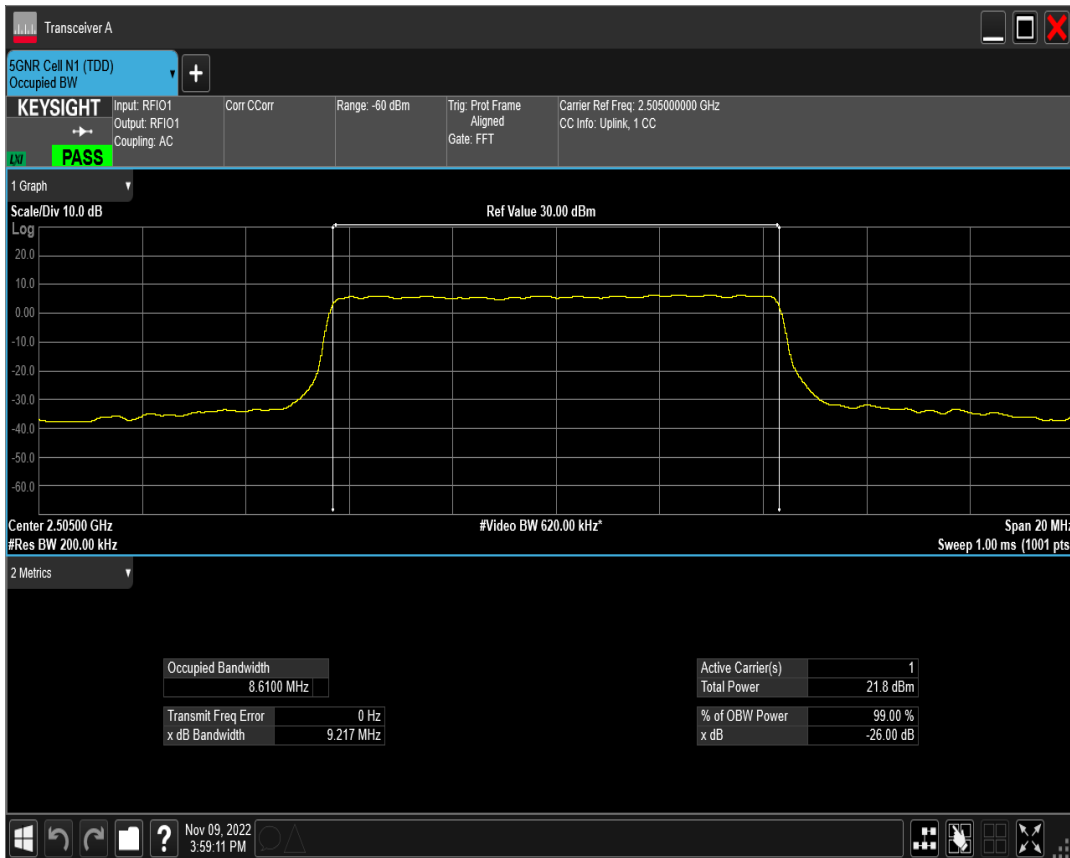
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n7	30	10	501000	24@0	DFT_BPSK	8.620	9.260	PASS
n7	30	10	501000	24@0	DFT_QPSK	8.610	9.220	PASS
n7	30	10	501000	24@0	DFT_QAM16	8.640	9.220	PASS
n7	30	10	501000	24@0	DFT_QAM64	8.610	9.250	PASS
n7	30	10	501000	24@0	DFT_QAM256	8.640	9.280	PASS
n7	30	10	501000	24@0	CP_QPSK	8.610	9.180	PASS
n7	30	10	507000	24@0	DFT_BPSK	8.617	9.172	PASS
n7	30	10	507000	24@0	DFT_QPSK	8.620	9.190	PASS
n7	30	10	507000	24@0	DFT_QAM16	8.610	9.170	PASS
n7	30	10	507000	24@0	DFT_QAM64	8.610	9.230	PASS
n7	30	10	507000	24@0	DFT_QAM256	8.640	9.220	PASS
n7	30	10	507000	24@0	CP_QPSK	8.620	9.200	PASS
n7	30	10	513000	24@0	DFT_BPSK	8.610	9.180	PASS
n7	30	10	513000	24@0	DFT_QPSK	8.620	9.160	PASS
n7	30	10	513000	24@0	DFT_QAM16	8.610	9.170	PASS
n7	30	10	513000	24@0	DFT_QAM64	8.610	9.160	PASS
n7	30	10	513000	24@0	DFT_QAM256	8.640	9.190	PASS
n7	30	10	513000	24@0	CP_QPSK	8.620	9.190	PASS
n7	30	15	501500	36@0	DFT_BPSK	13.440	13.730	PASS
n7	30	15	501500	36@0	DFT_QPSK	13.410	13.680	PASS
n7	30	15	501500	36@0	DFT_QAM16	13.460	13.770	PASS
n7	30	15	501500	36@0	DFT_QAM64	13.470	13.710	PASS
n7	30	15	501500	36@0	DFT_QAM256	13.460	13.710	PASS
n7	30	15	501500	38@0	CP_QPSK	13.630	14.440	PASS
n7	30	15	507000	36@0	DFT_BPSK	13.570	13.740	PASS
n7	30	15	507000	36@0	DFT_QPSK	13.500	13.730	PASS
n7	30	15	507000	36@0	DFT_QAM16	13.520	13.760	PASS
n7	30	15	507000	36@0	DFT_QAM64	13.510	13.740	PASS
n7	30	15	507000	36@0	DFT_QAM256	13.510	13.700	PASS
n7	30	15	507000	38@0	CP_QPSK	13.640	14.450	PASS
n7	30	15	512500	36@0	DFT_BPSK	13.570	13.720	PASS
n7	30	15	512500	36@0	DFT_QPSK	13.520	13.690	PASS
n7	30	15	512500	36@0	DFT_QAM16	13.530	13.720	PASS
n7	30	15	512500	36@0	DFT_QAM64	13.560	13.740	PASS
n7	30	15	512500	36@0	DFT_QAM256	13.520	13.720	PASS
n7	30	15	512500	38@0	CP_QPSK	13.640	14.410	PASS
n7	30	20	502000	50@0	DFT_BPSK	18.040	18.920	PASS
n7	30	20	502000	50@0	DFT_QPSK	18.000	18.910	PASS

n7	30	20	502000	50@0	DFT_QAM16	18.010	18.920	PASS
n7	30	20	502000	50@0	DFT_QAM64	18.010	18.940	PASS
n7	30	20	502000	50@0	DFT_QAM256	18.030	18.920	PASS
n7	30	20	502000	51@0	CP_QPSK	18.260	19.310	PASS
n7	30	20	507000	50@0	DFT_BPSK	18.120	18.950	PASS
n7	30	20	507000	50@0	DFT_QPSK	18.040	18.920	PASS
n7	30	20	507000	50@0	DFT_QAM16	18.090	18.930	PASS
n7	30	20	507000	50@0	DFT_QAM64	18.090	18.940	PASS
n7	30	20	507000	50@0	DFT_QAM256	18.110	18.930	PASS
n7	30	20	507000	51@0	CP_QPSK	18.270	19.310	PASS
n7	30	20	512000	50@0	DFT_BPSK	18.110	18.910	PASS
n7	30	20	512000	50@0	DFT_QPSK	18.090	18.910	PASS
n7	30	20	512000	50@0	DFT_QAM16	18.100	18.910	PASS
n7	30	20	512000	50@0	DFT_QAM64	18.110	18.900	PASS
n7	30	20	512000	50@0	DFT_QAM256	18.090	18.900	PASS
n7	30	20	512000	51@0	CP_QPSK	18.270	19.290	PASS

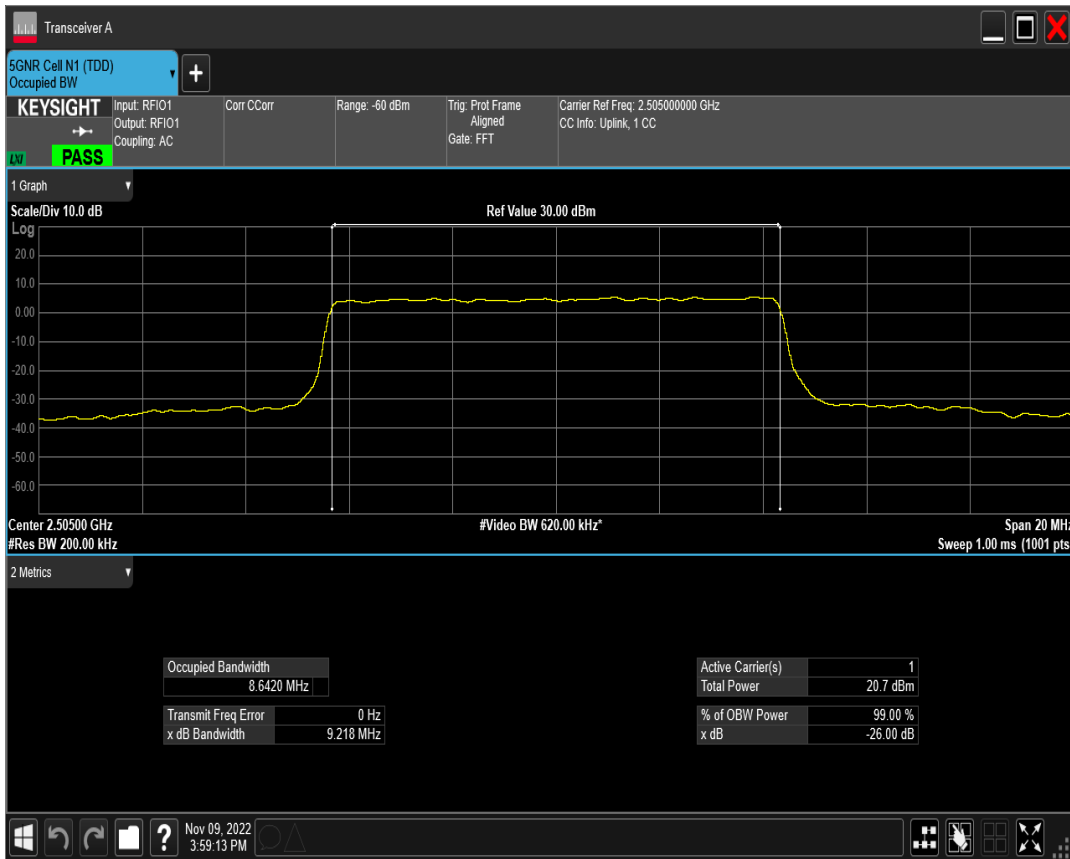
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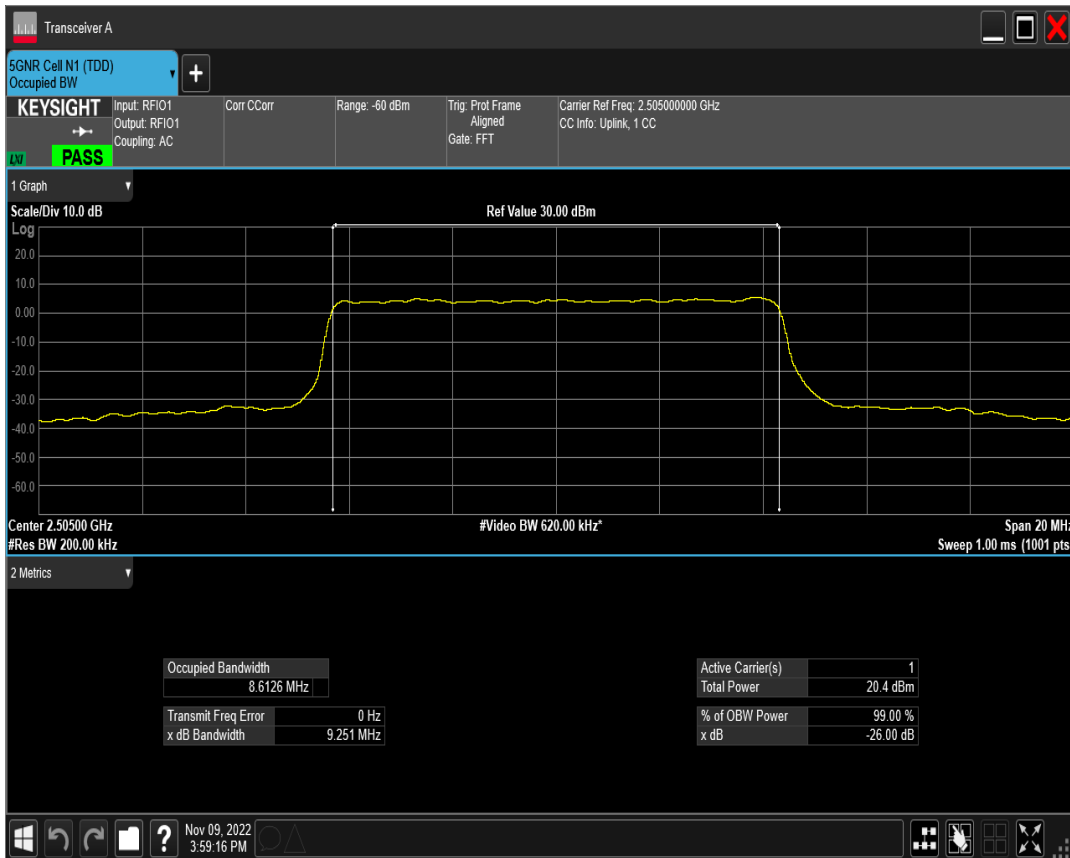
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=501000 RB=24@0



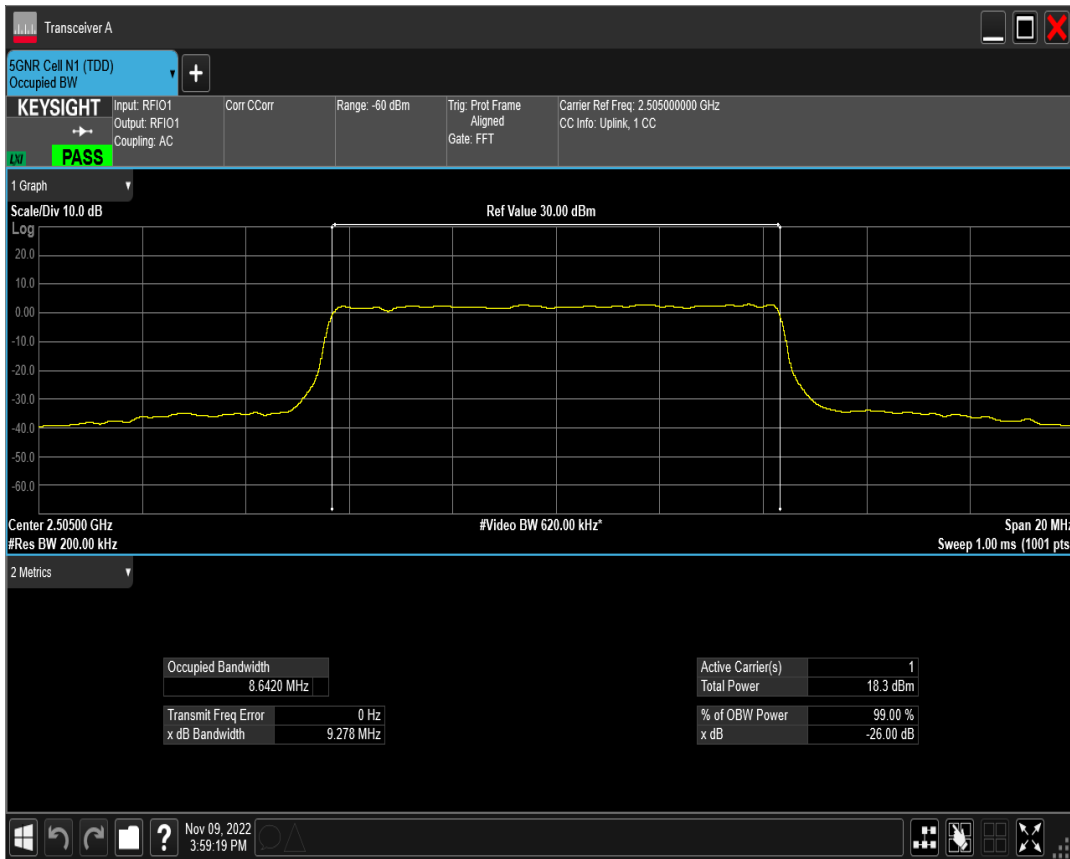
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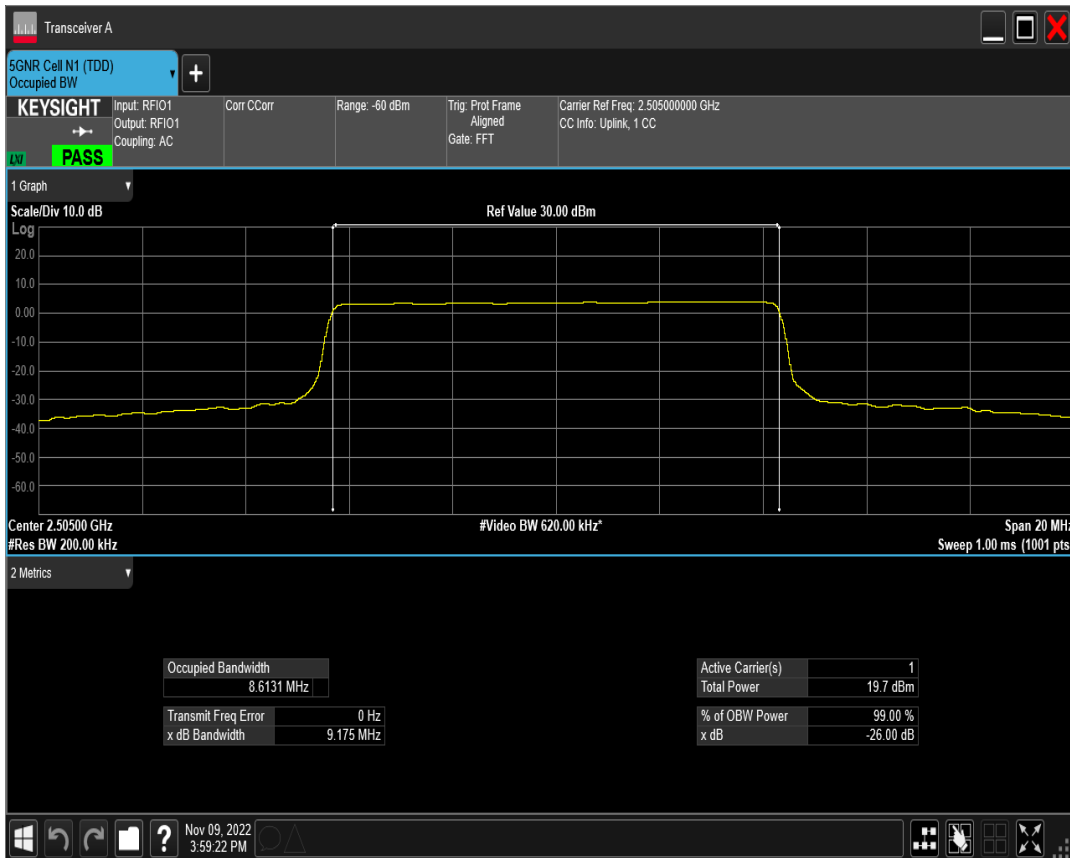
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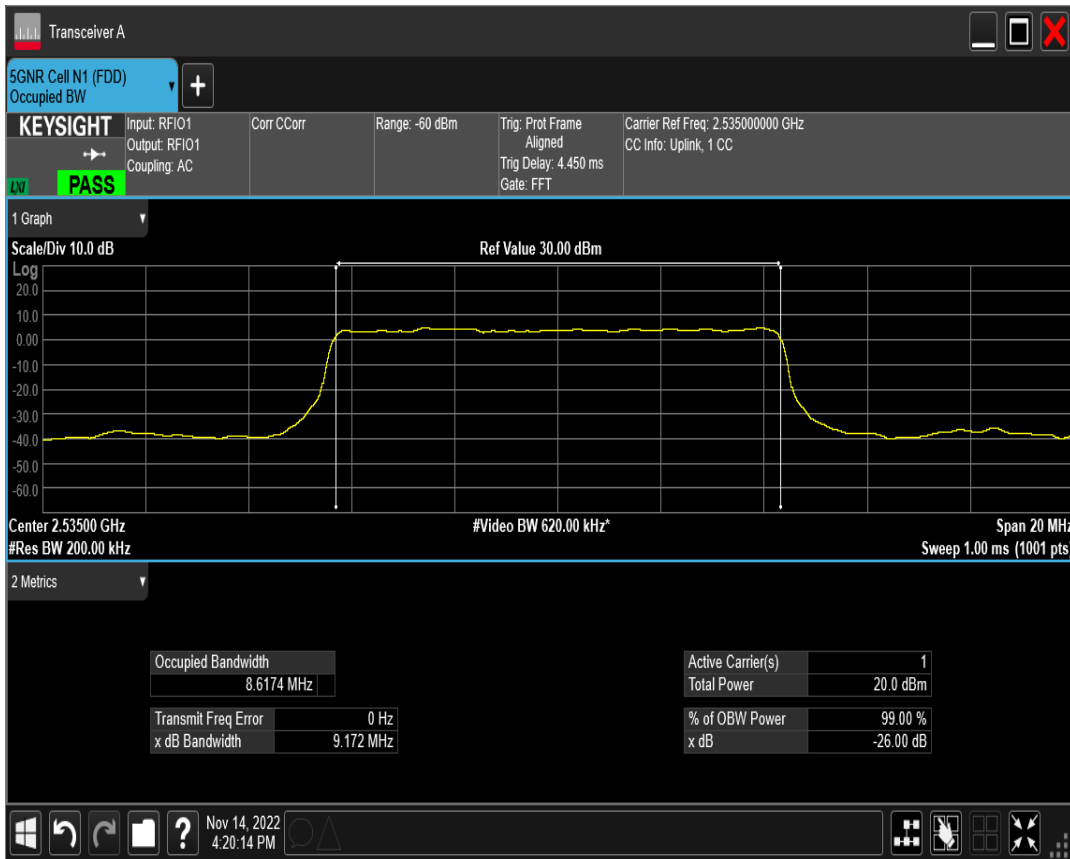
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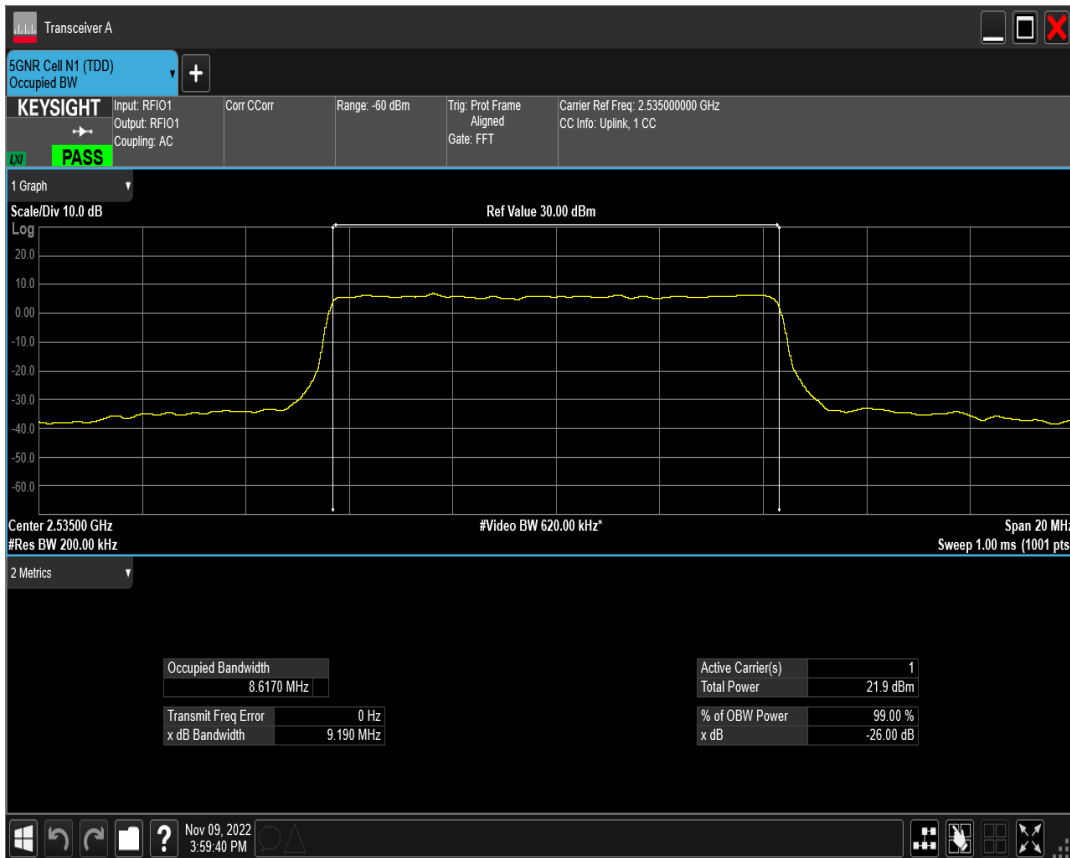
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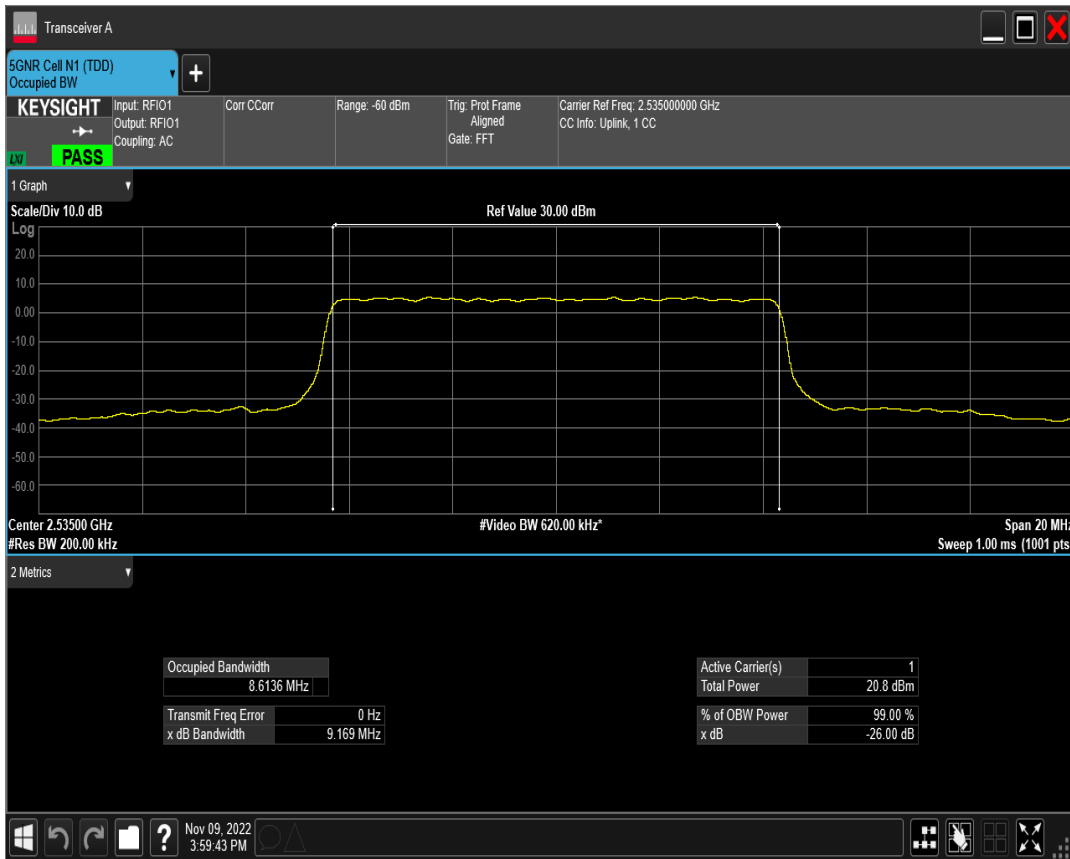
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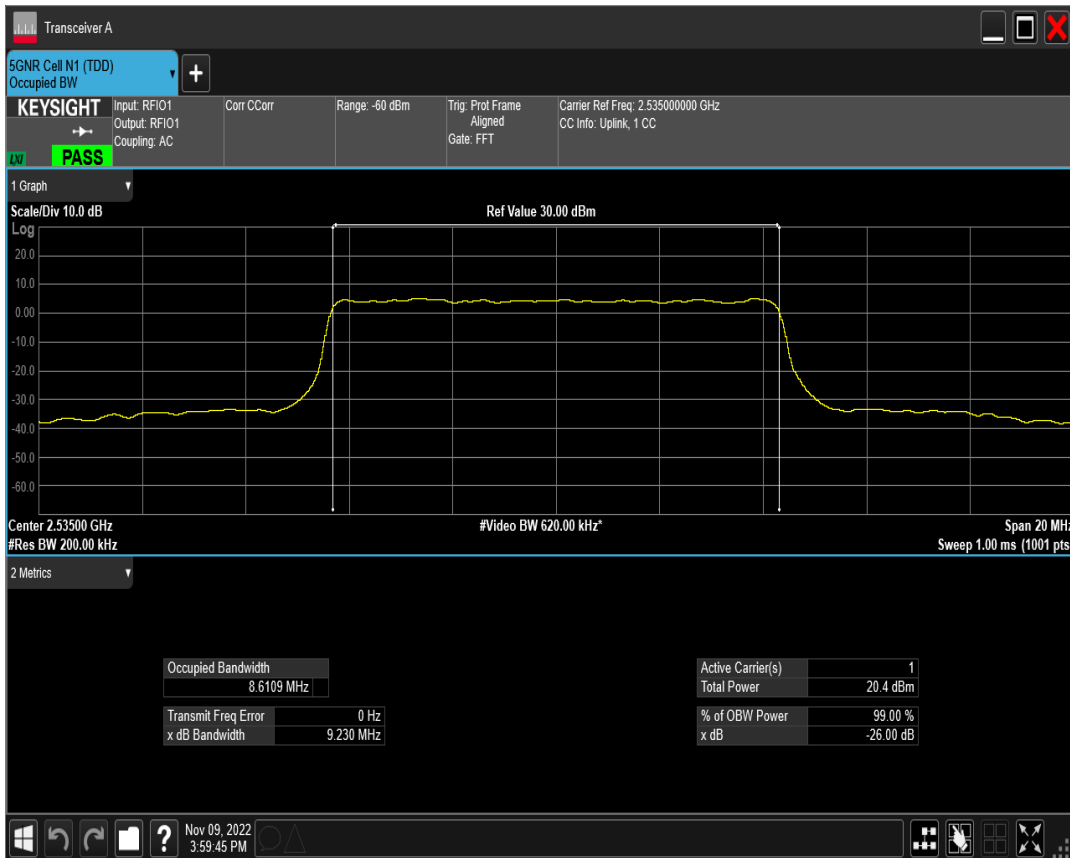
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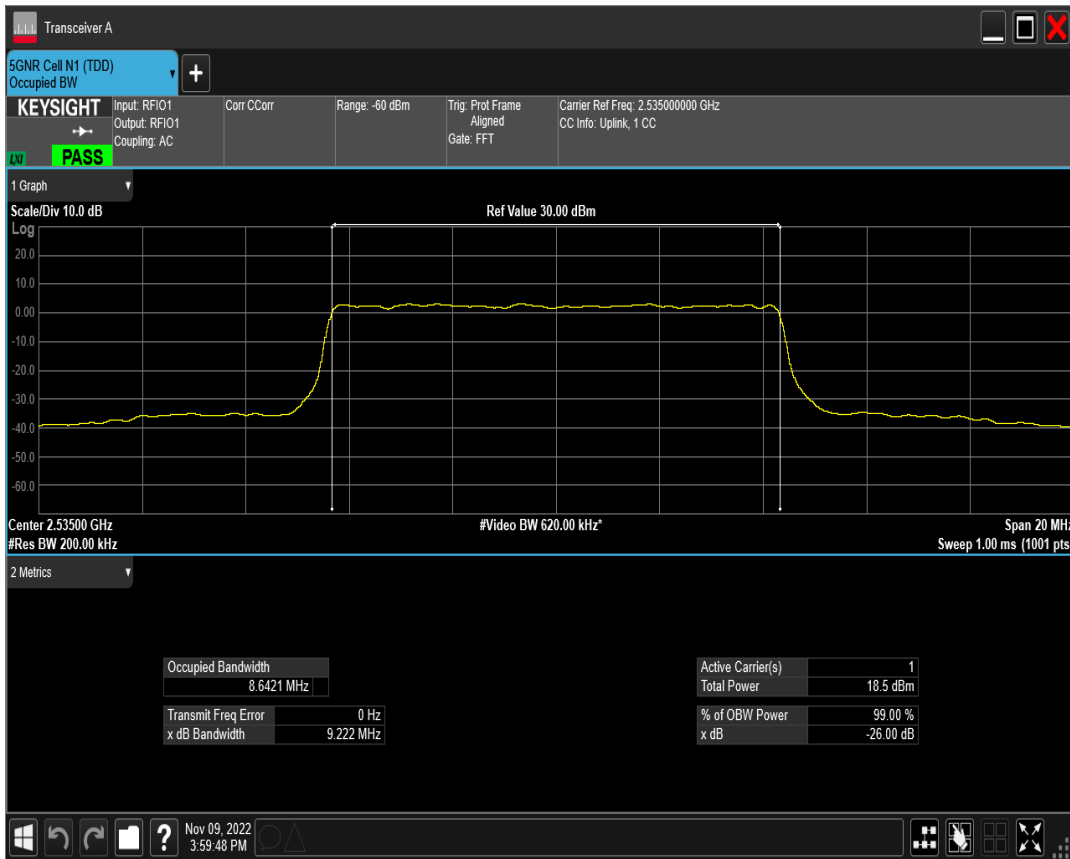
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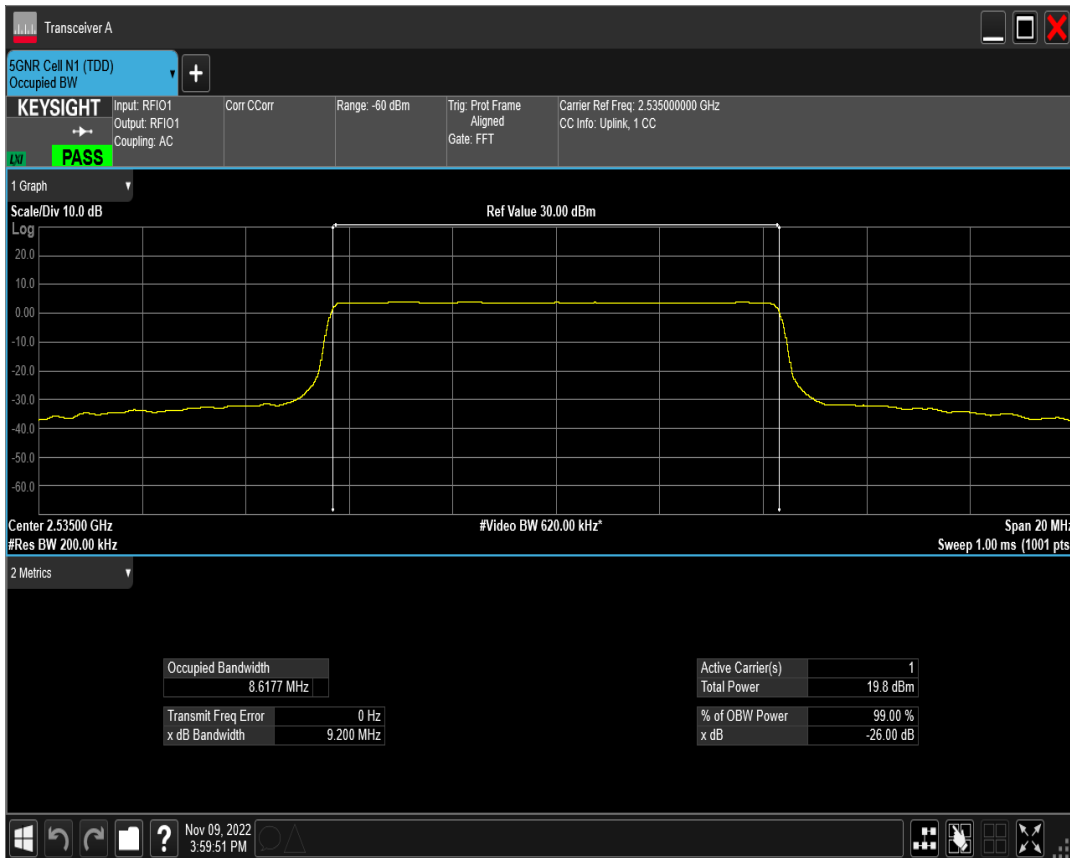
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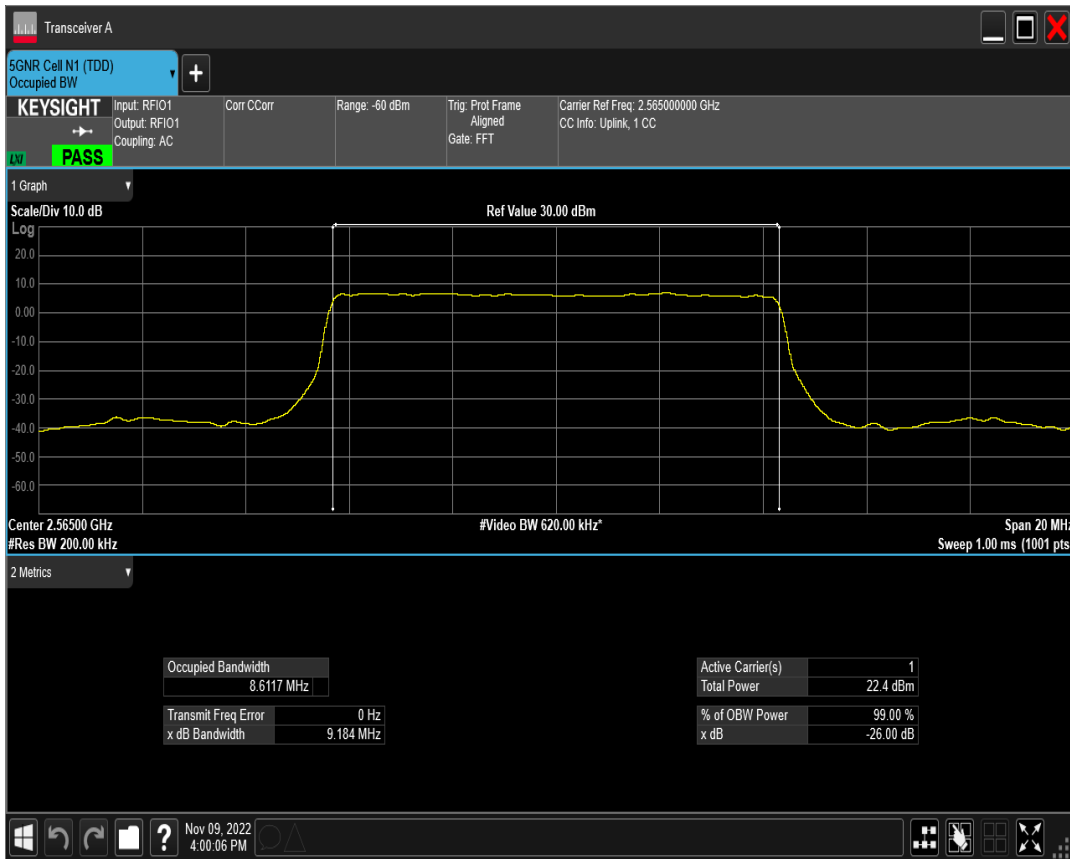
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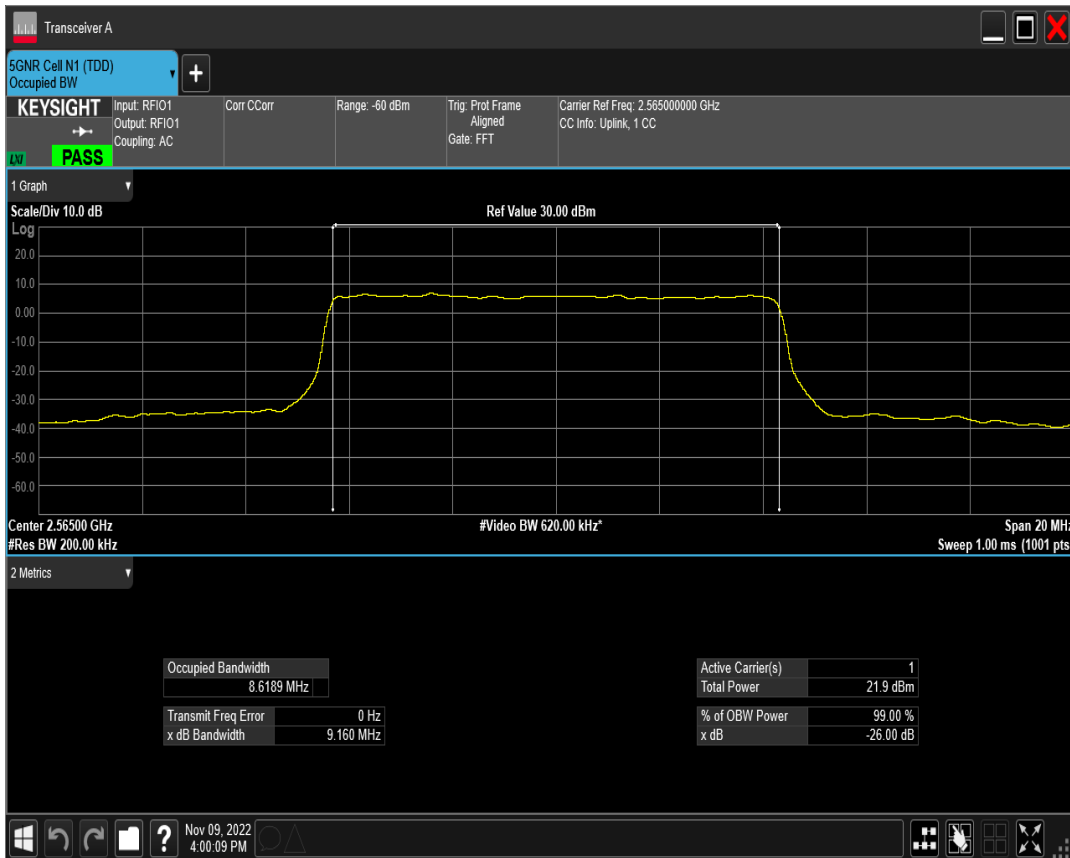
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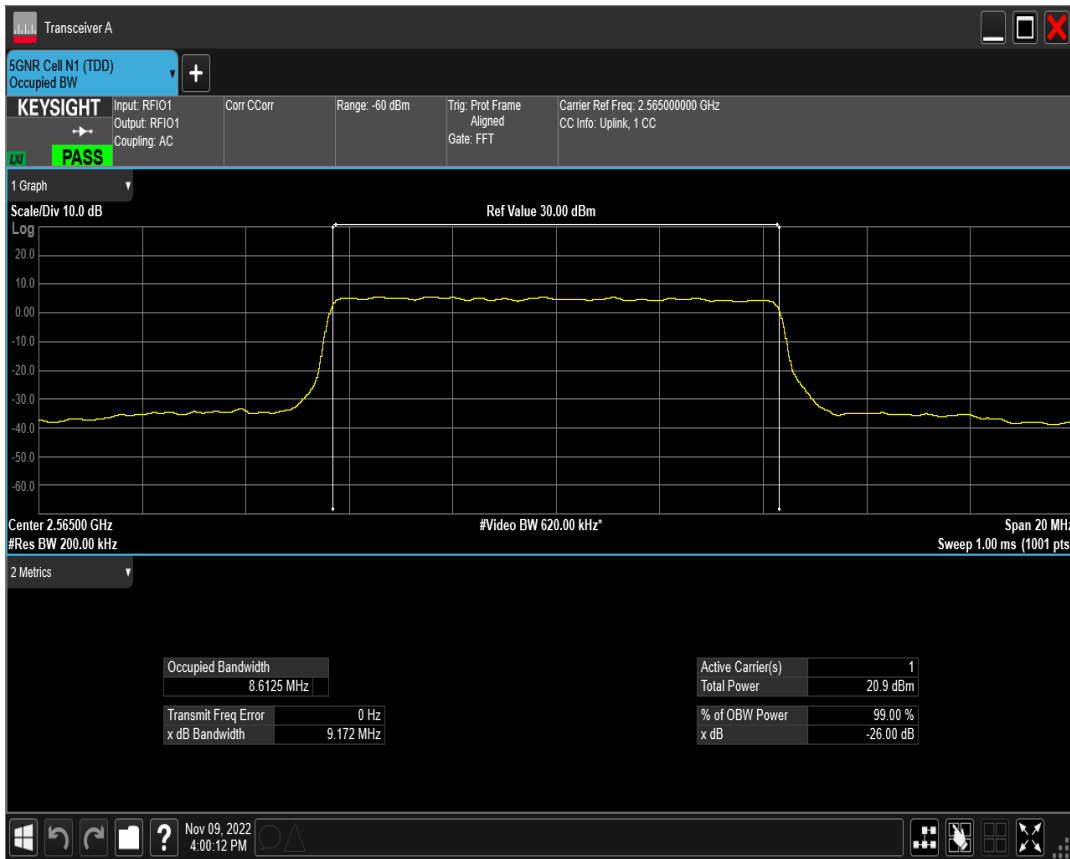
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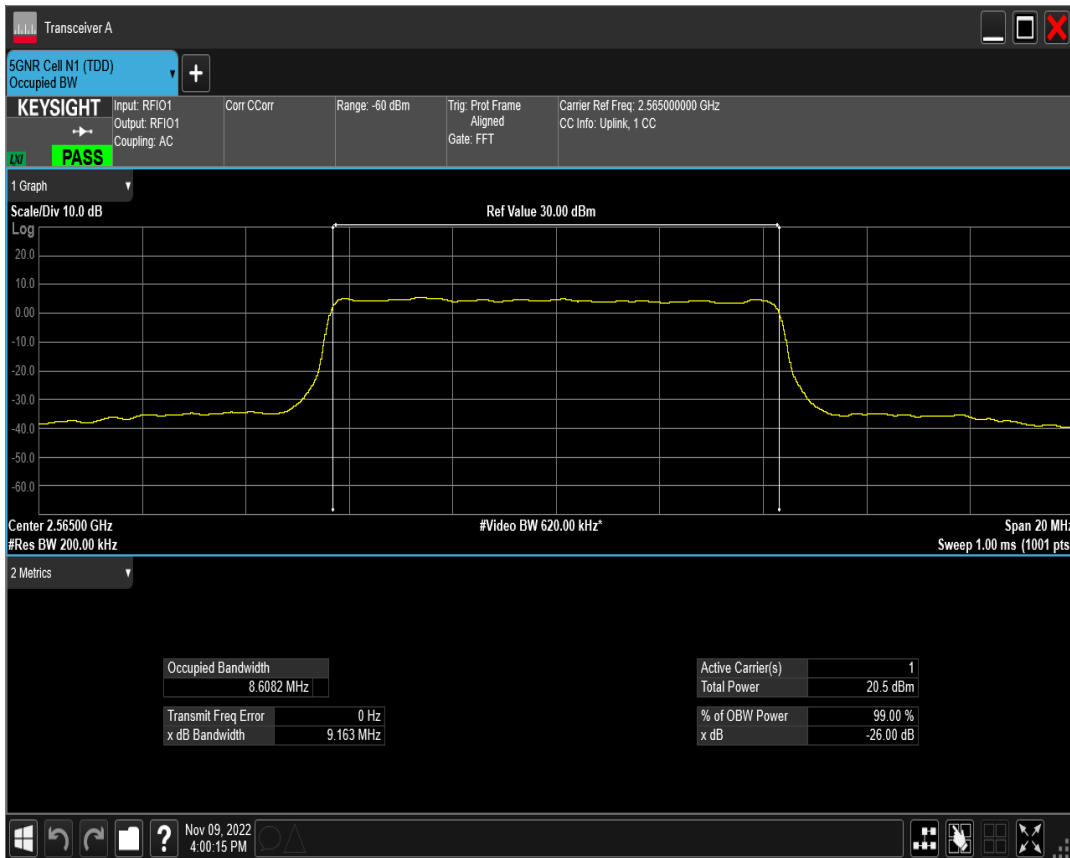
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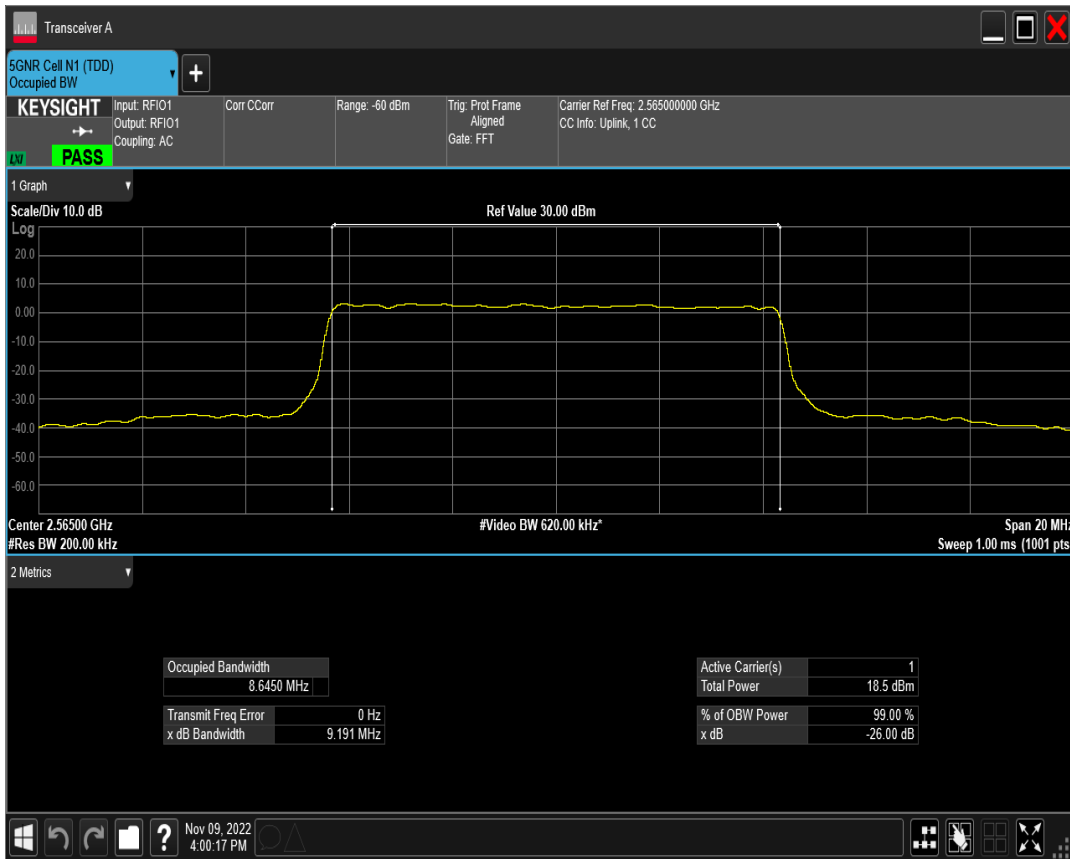
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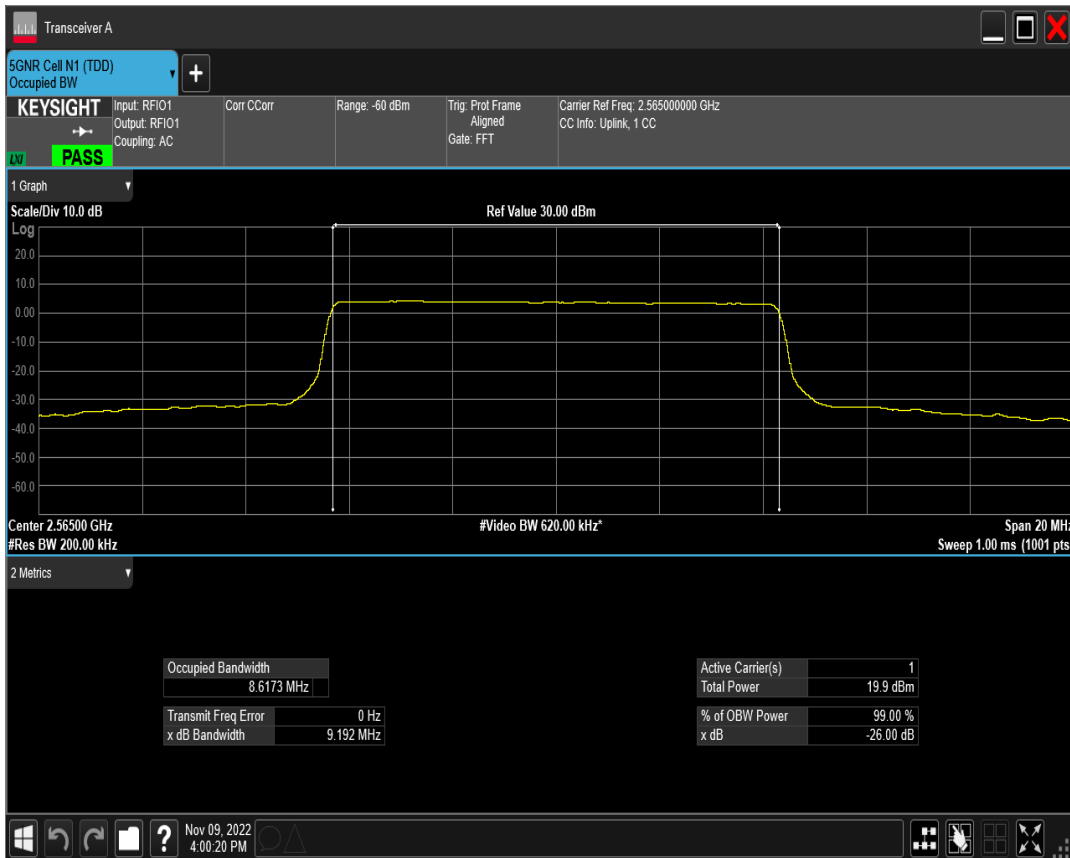
n7 SCS=30kHz DFT_QAM64 BW=10MHz Channel=513000 RB=24@0



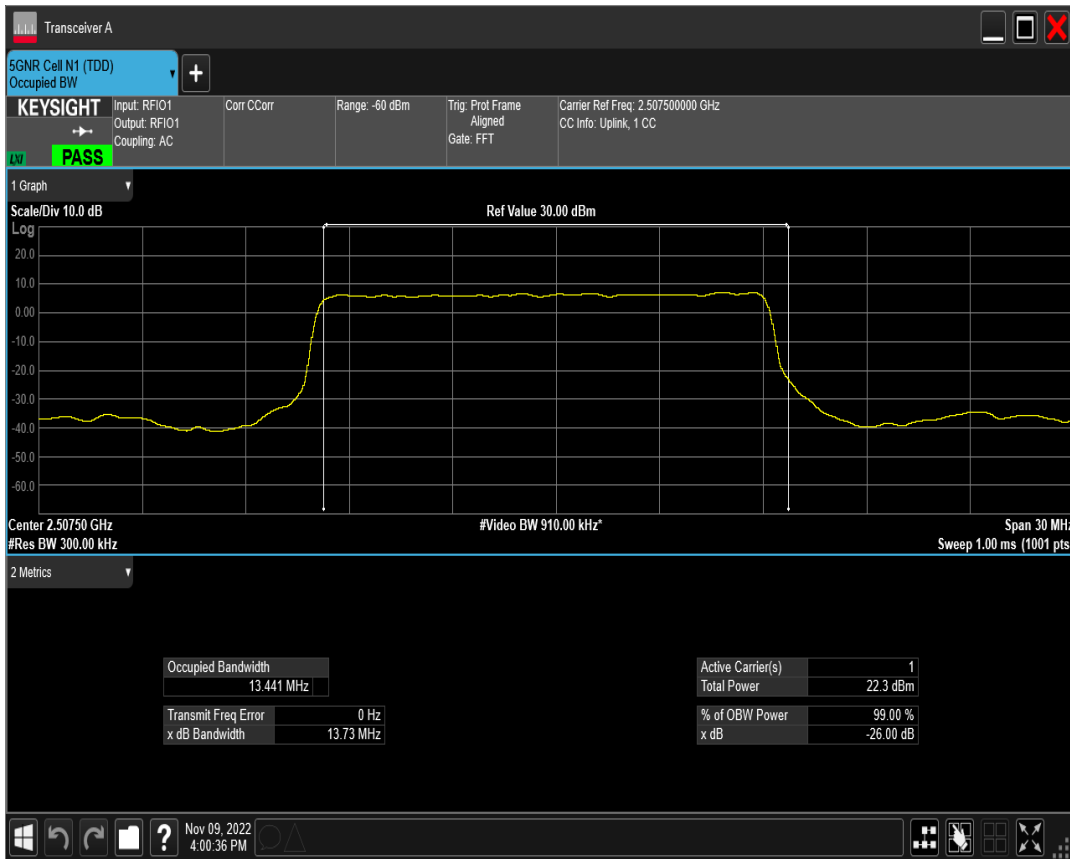
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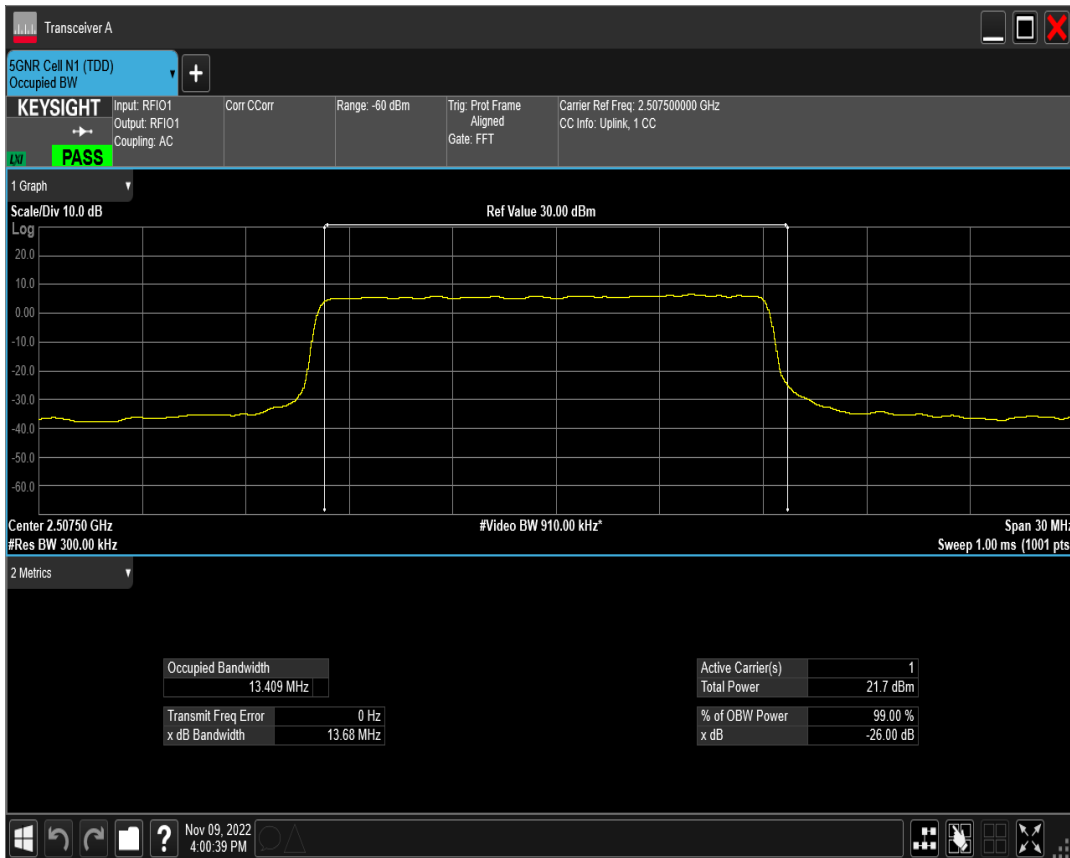
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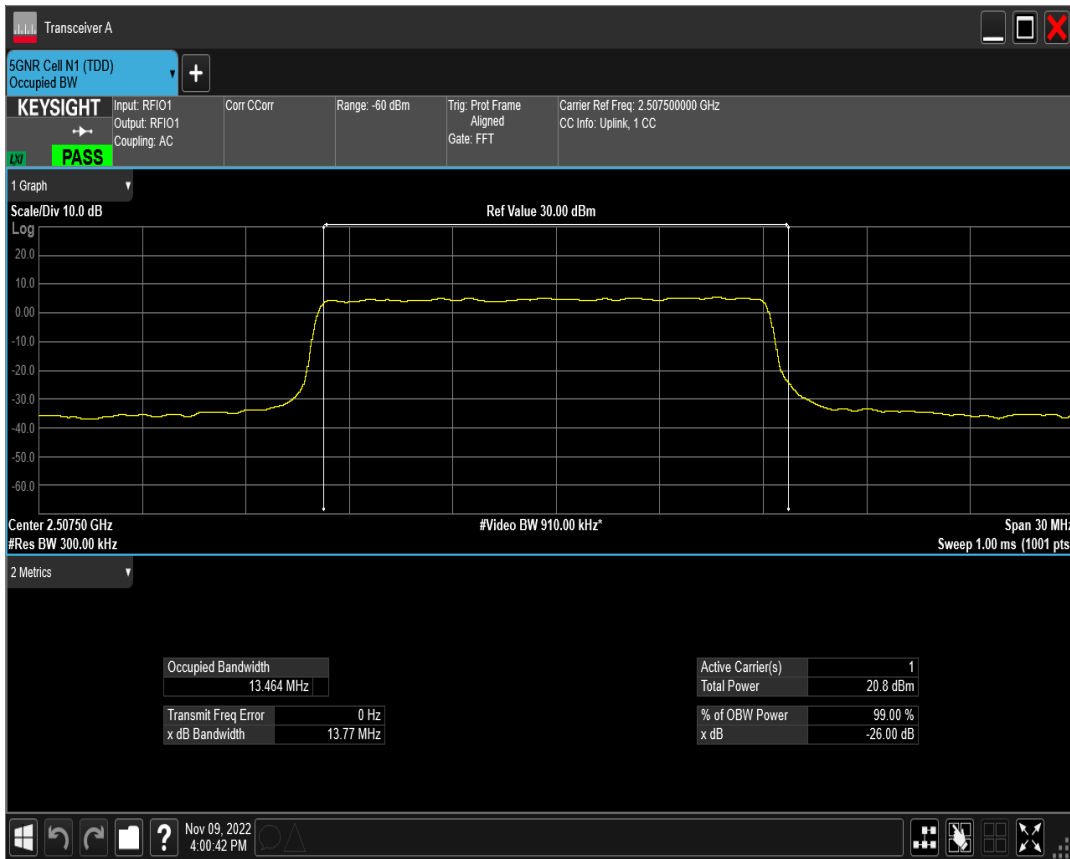
n7 SCS=30kHz DFT_BPSK BW=15MHz Channel=501500 RB=36@0



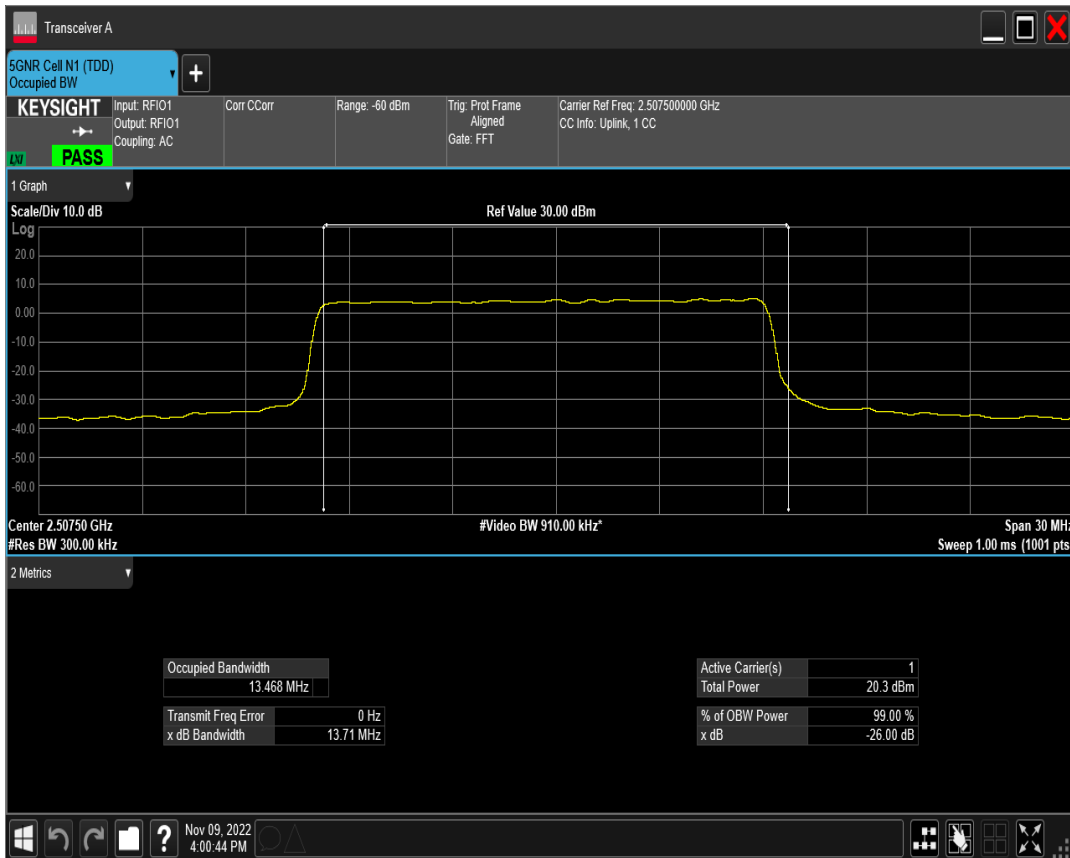
n7 SCS=30kHz DFT_QPSK BW=15MHz Channel=501500 RB=36@0



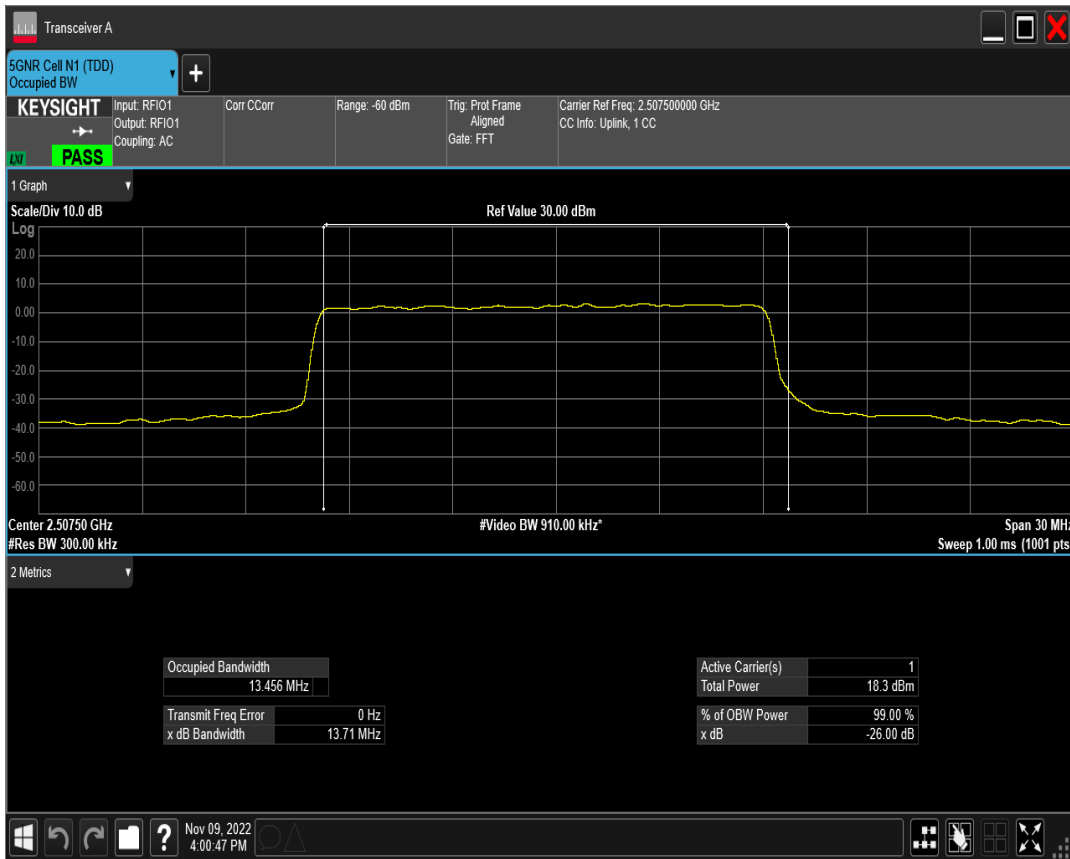
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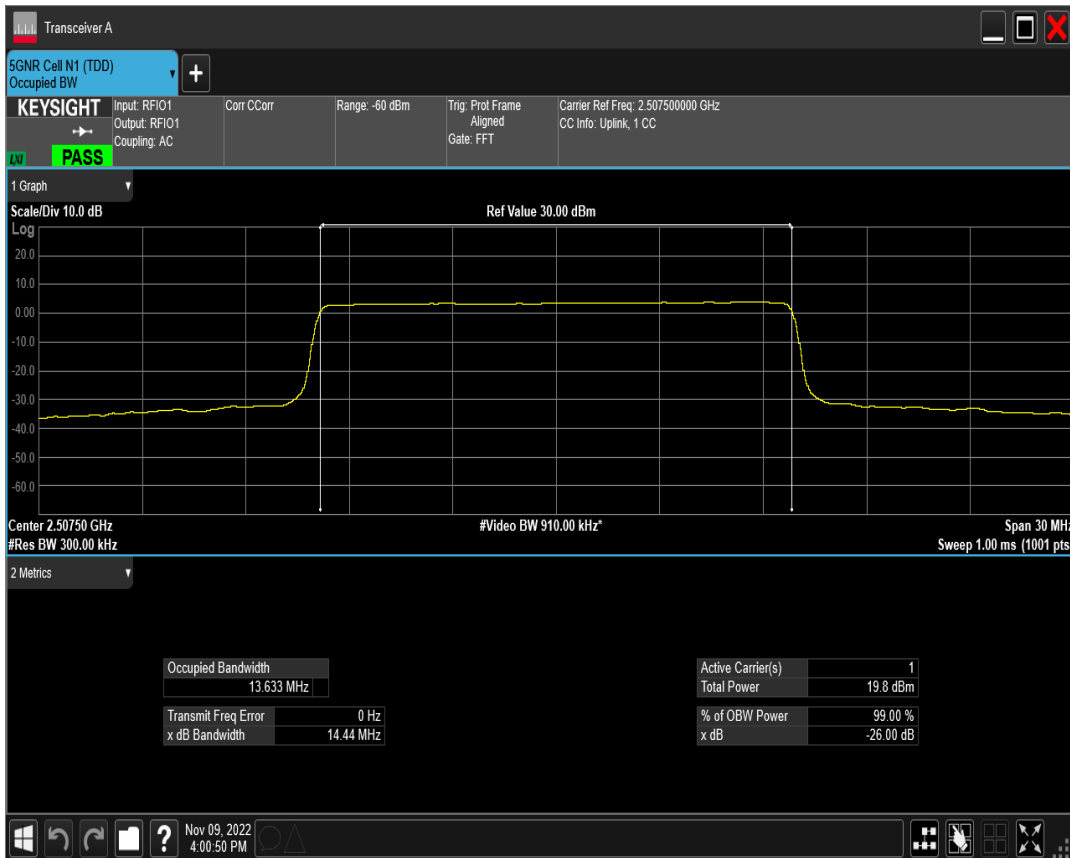
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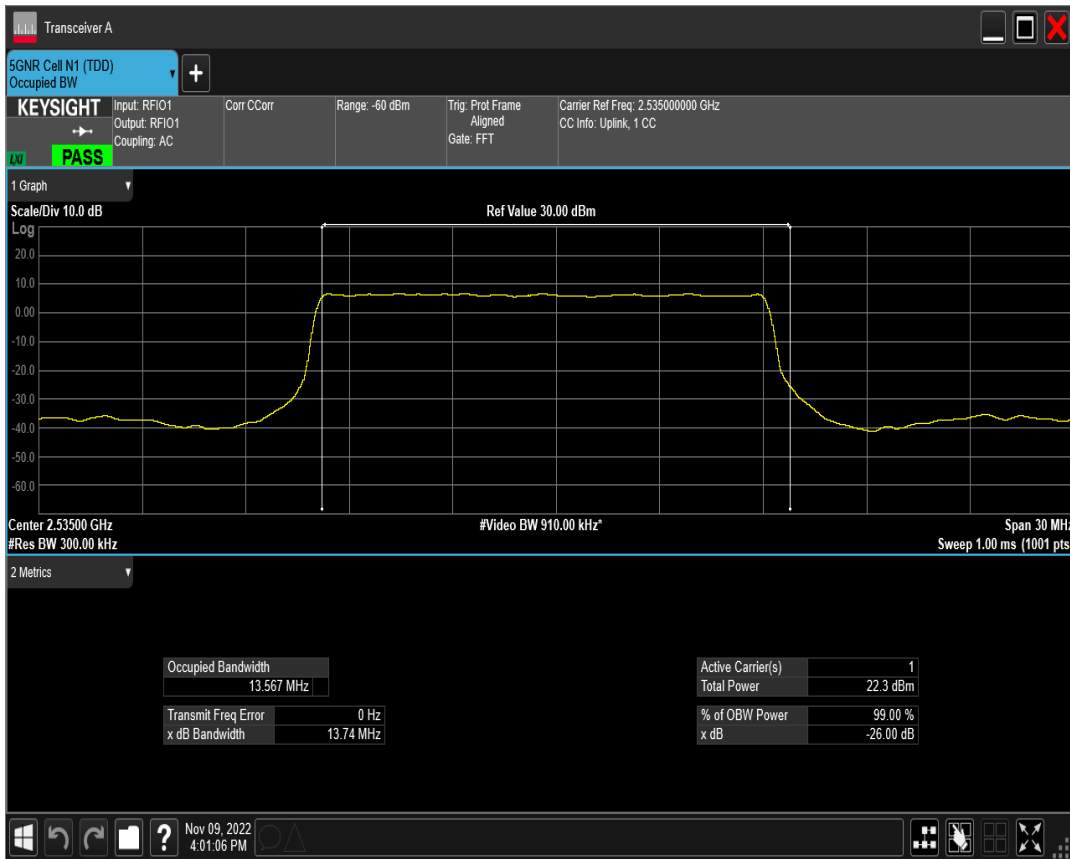
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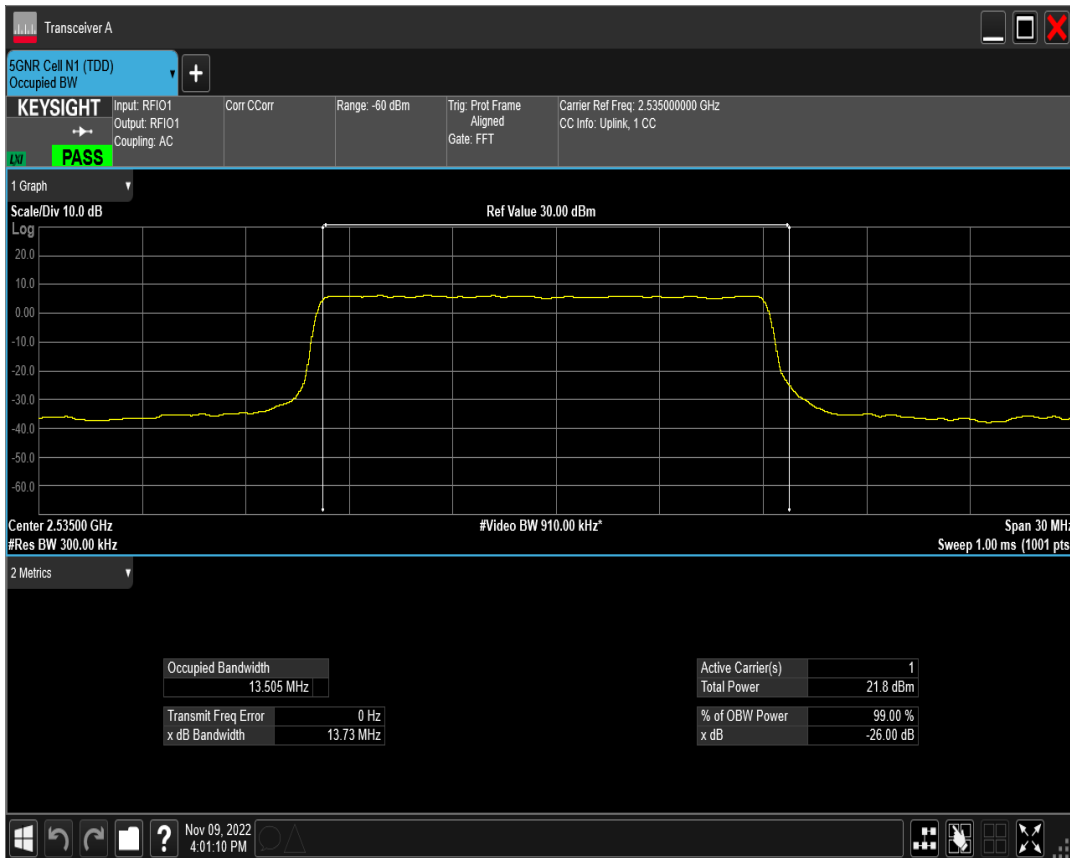
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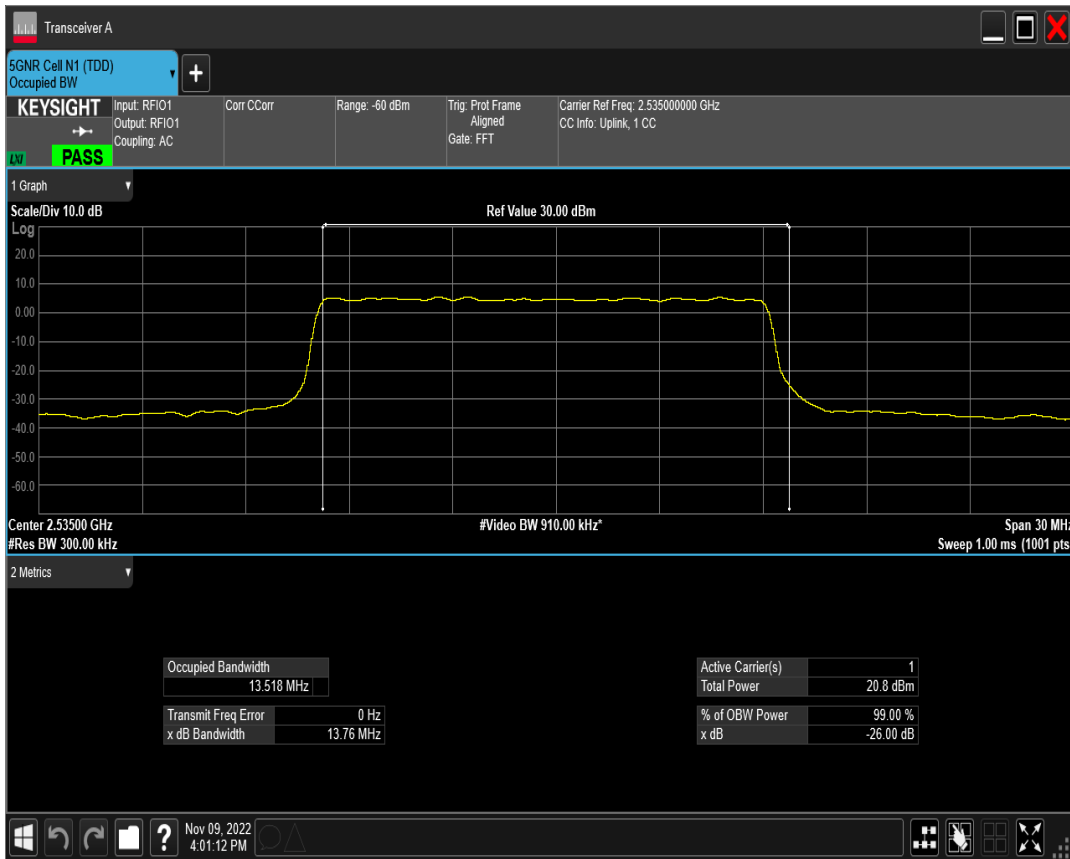
n7 SCS=30kHz DFT_BPSK BW=15MHz Channel=507000 RB=36@0



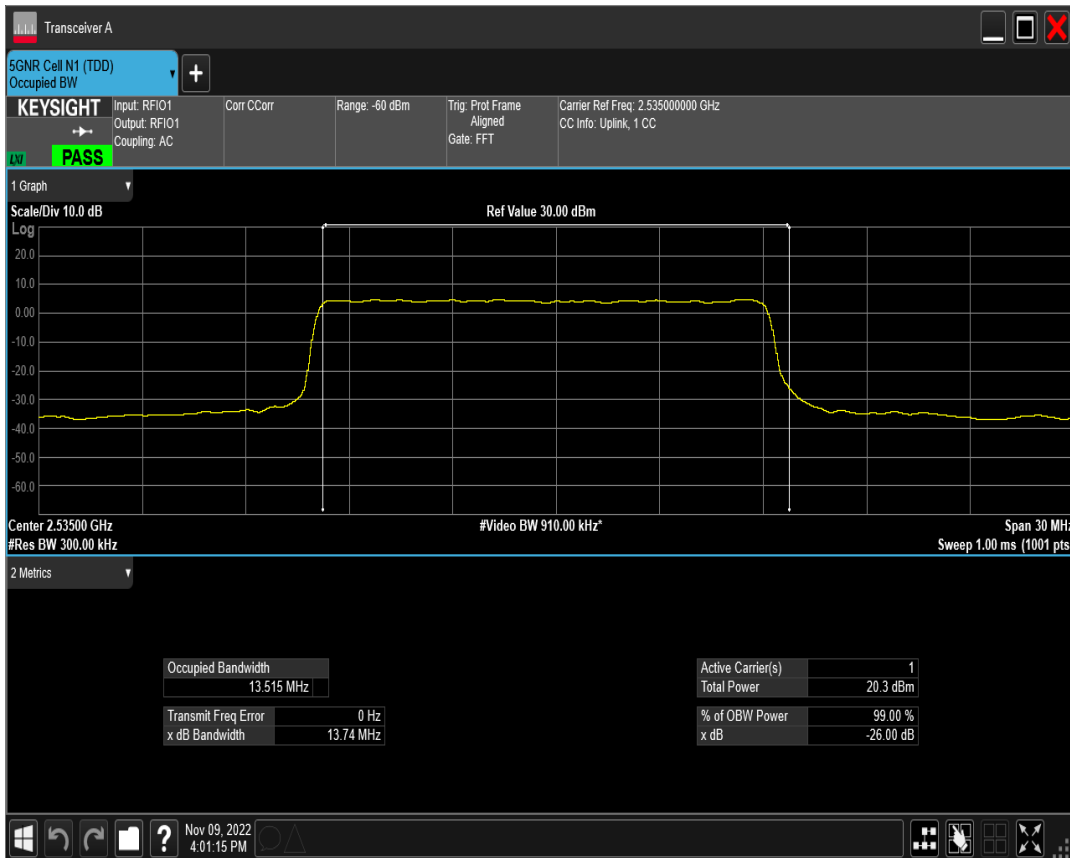
n7 SCS=30kHz DFT_QPSK BW=15MHz Channel=507000 RB=36@0



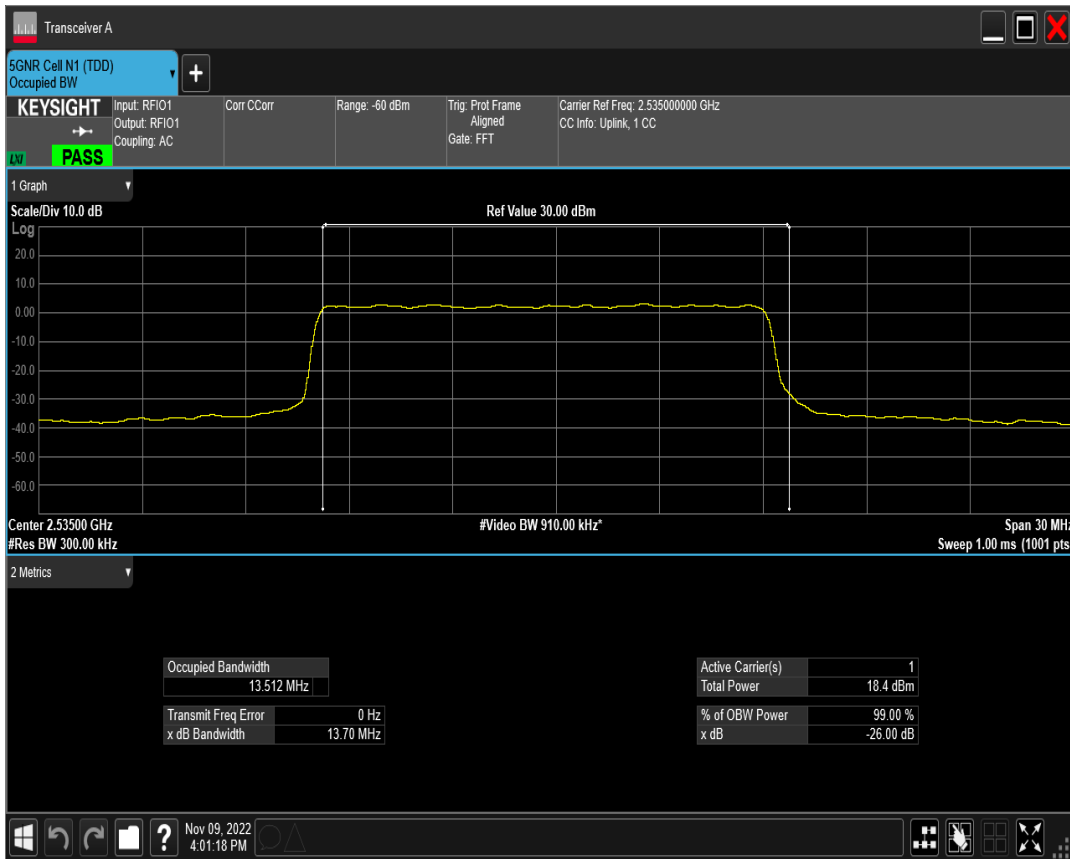
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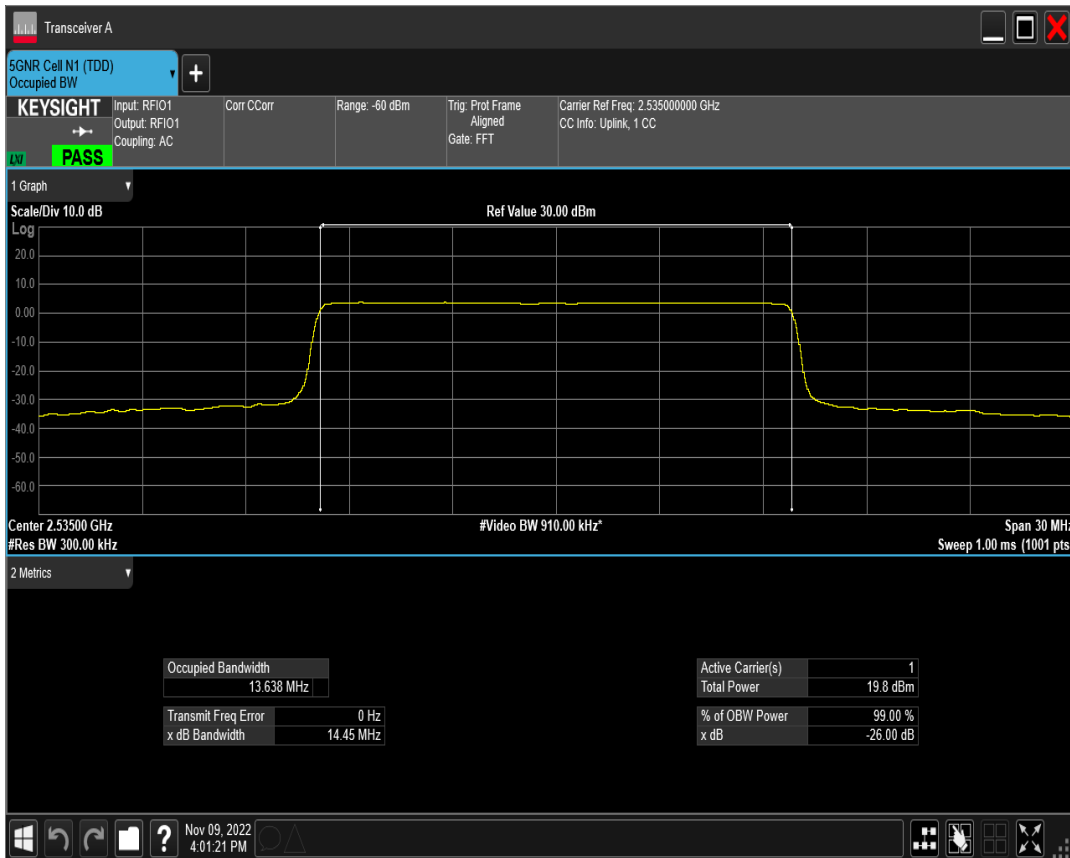
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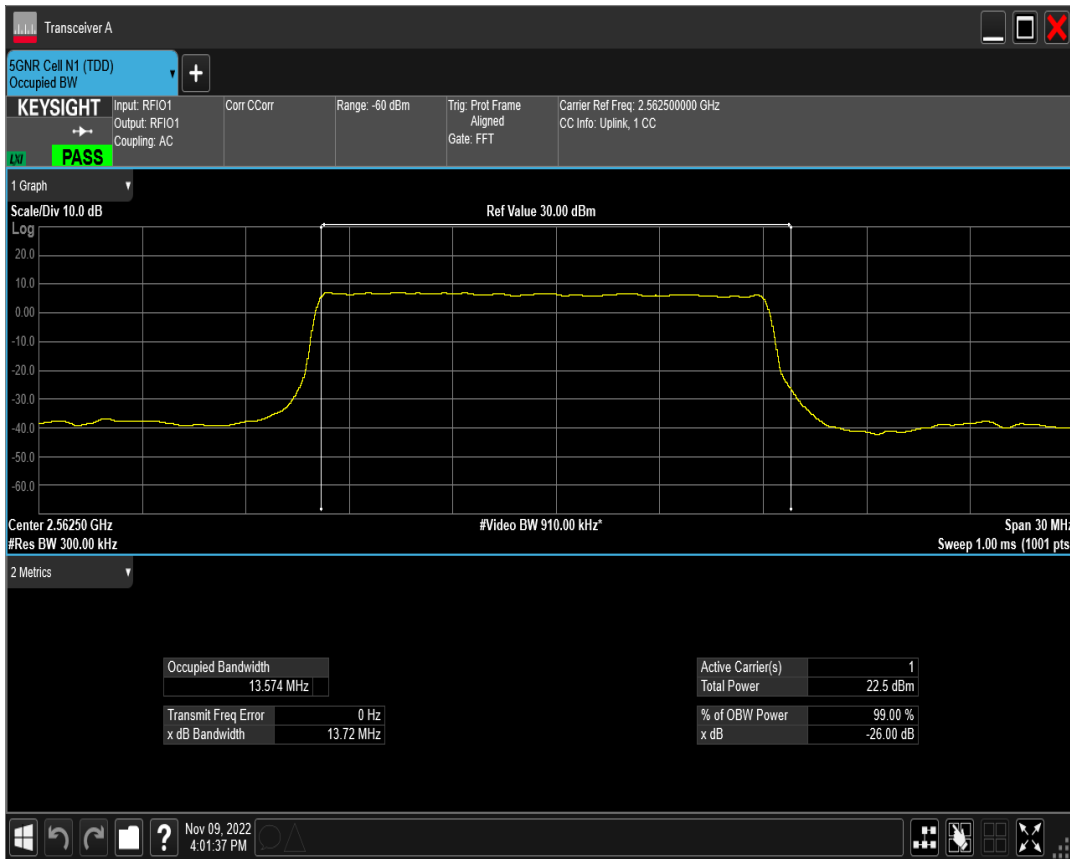
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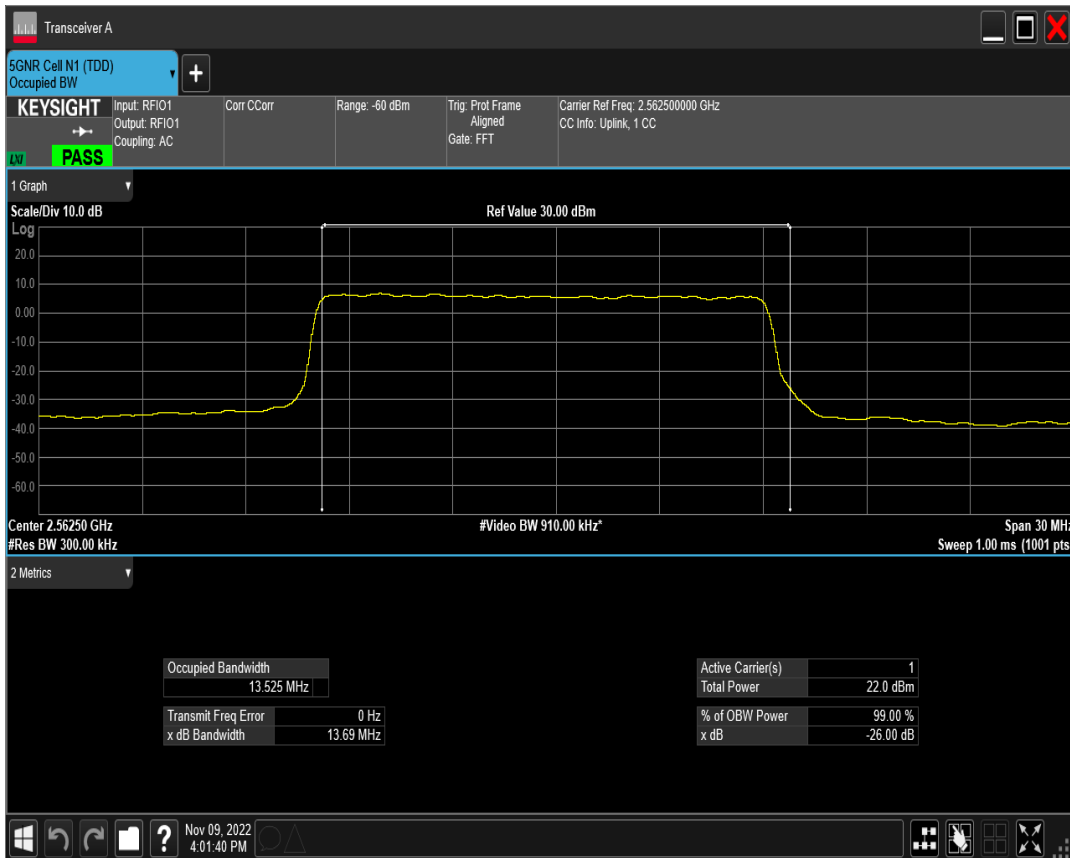
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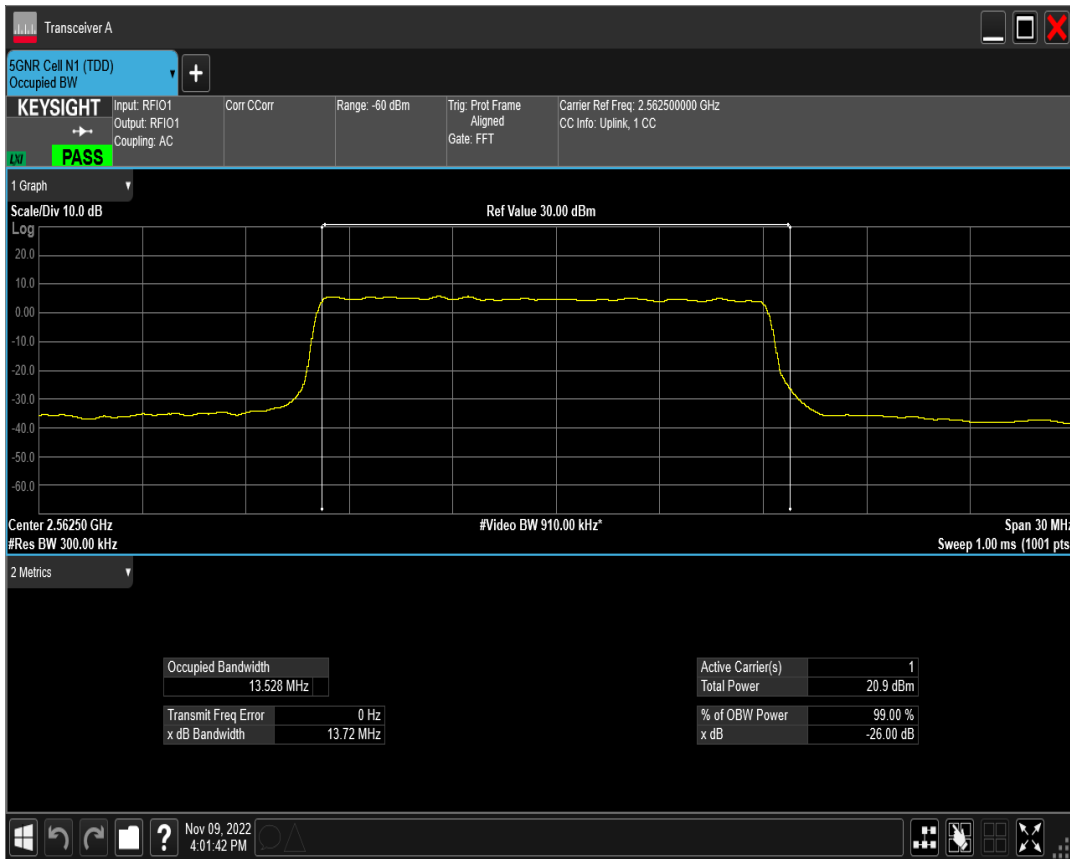
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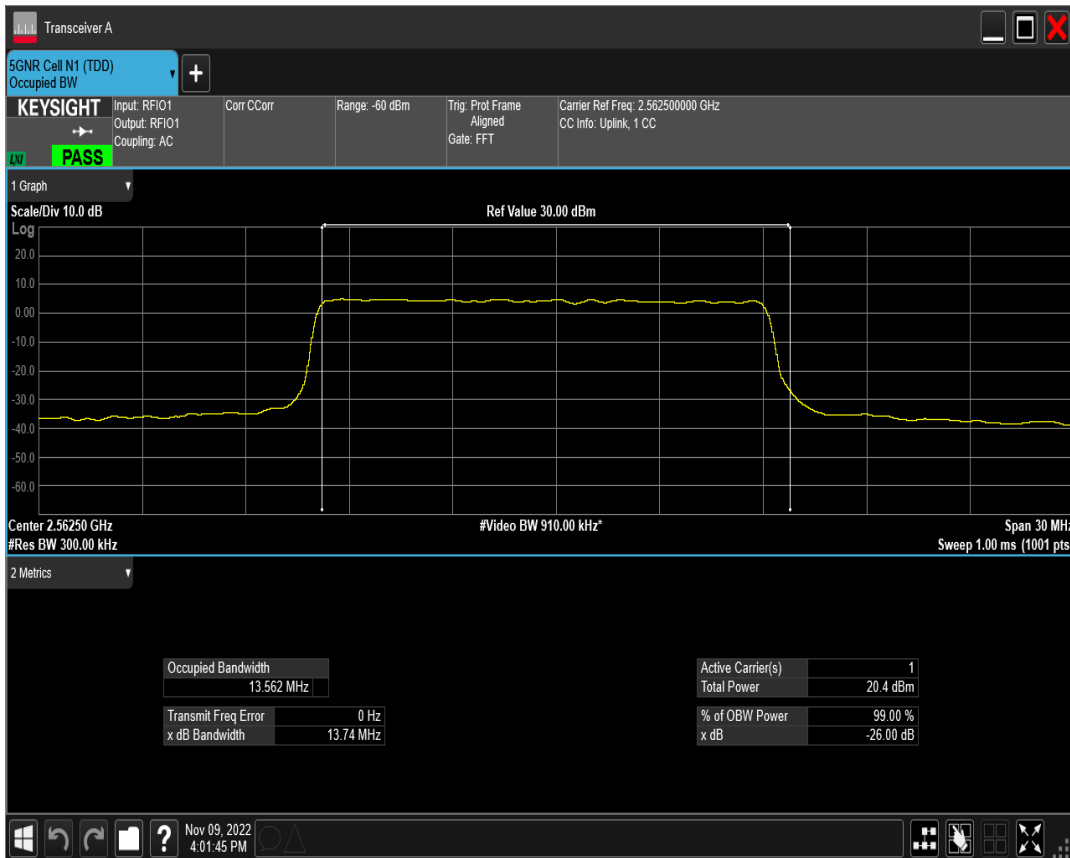
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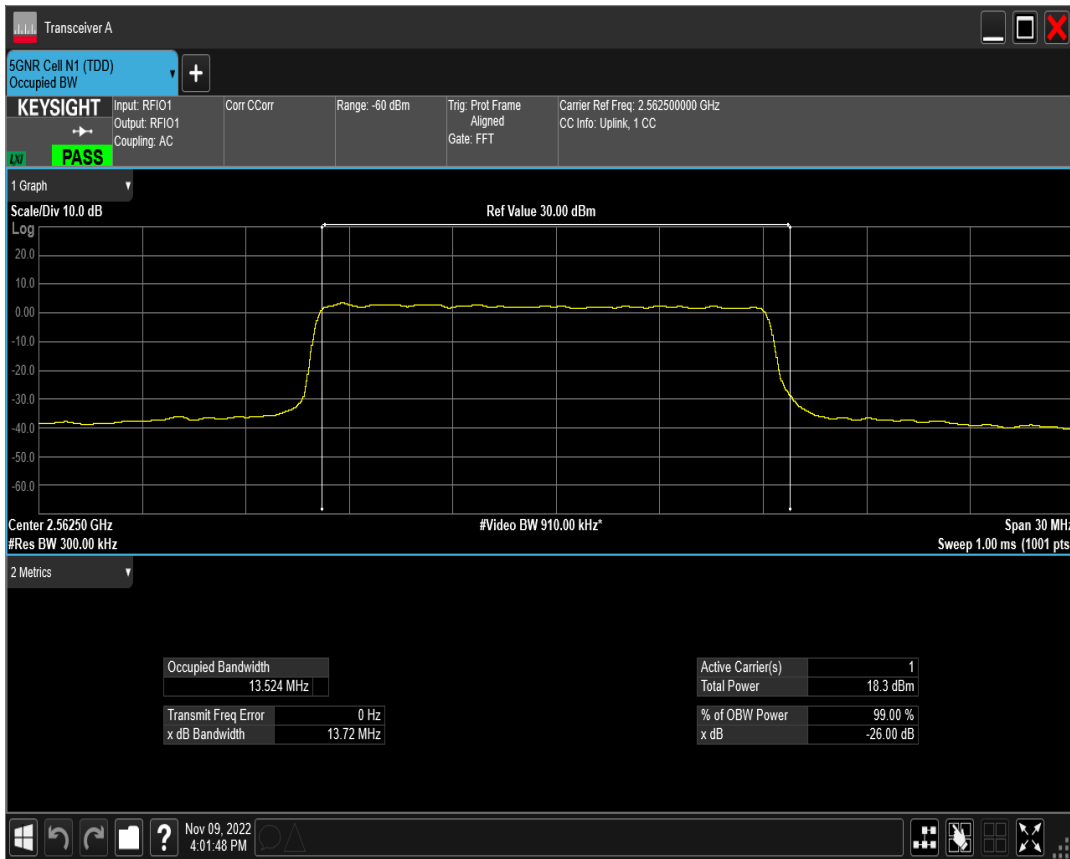
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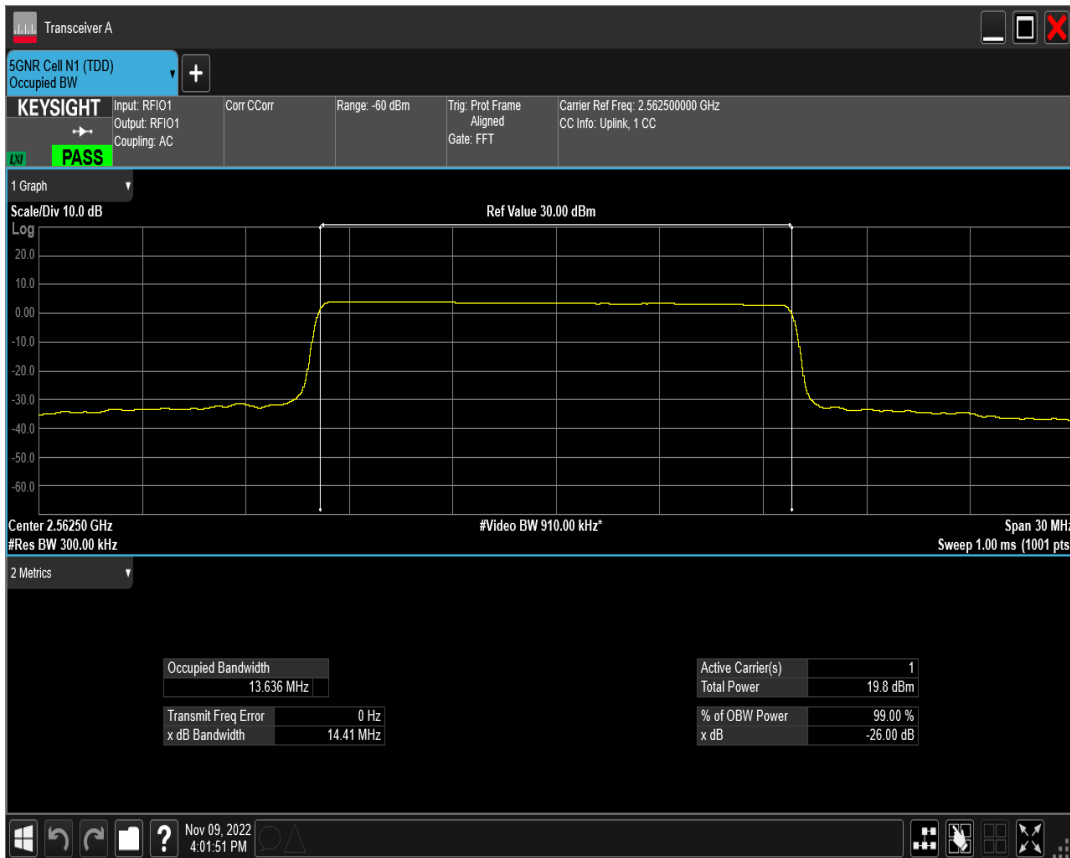
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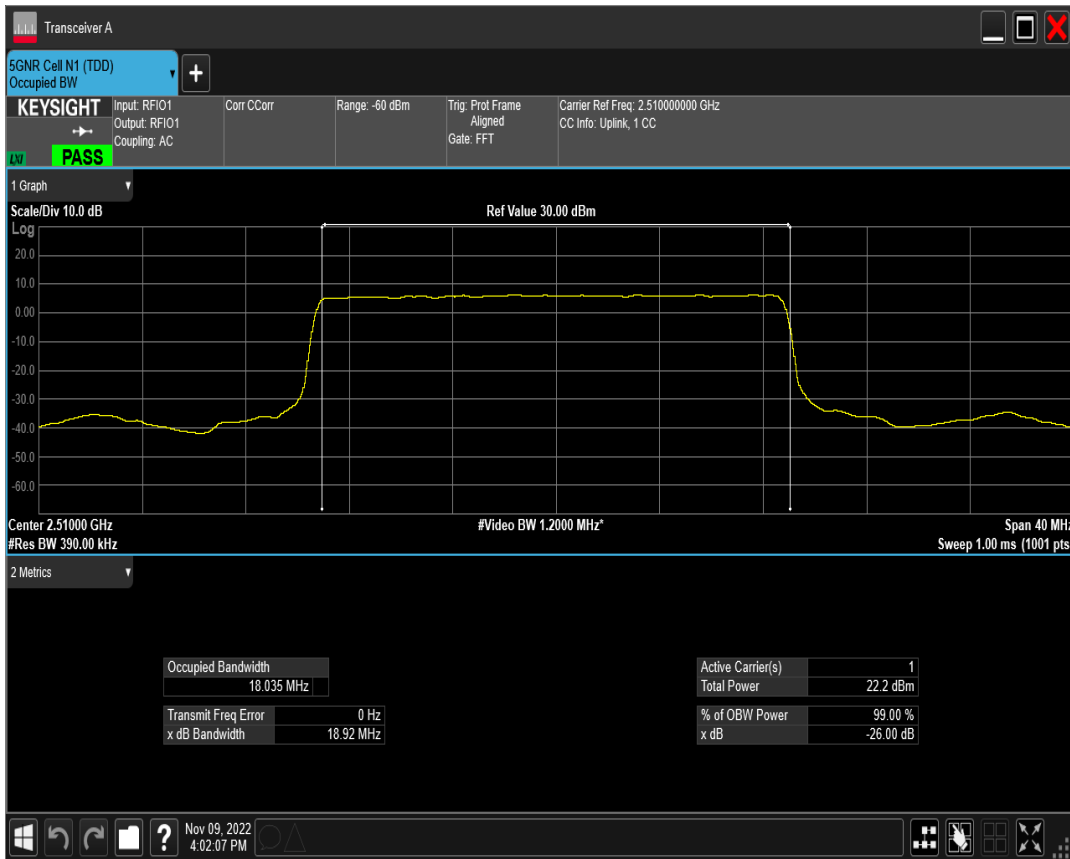
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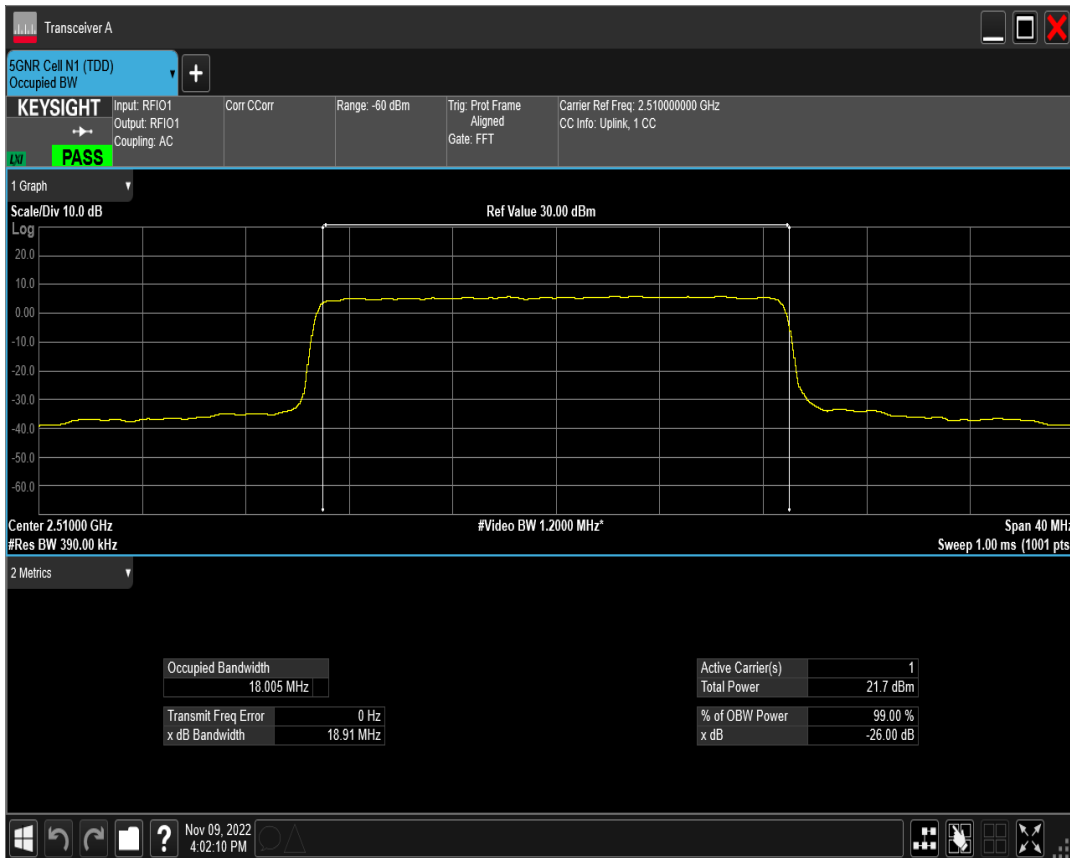
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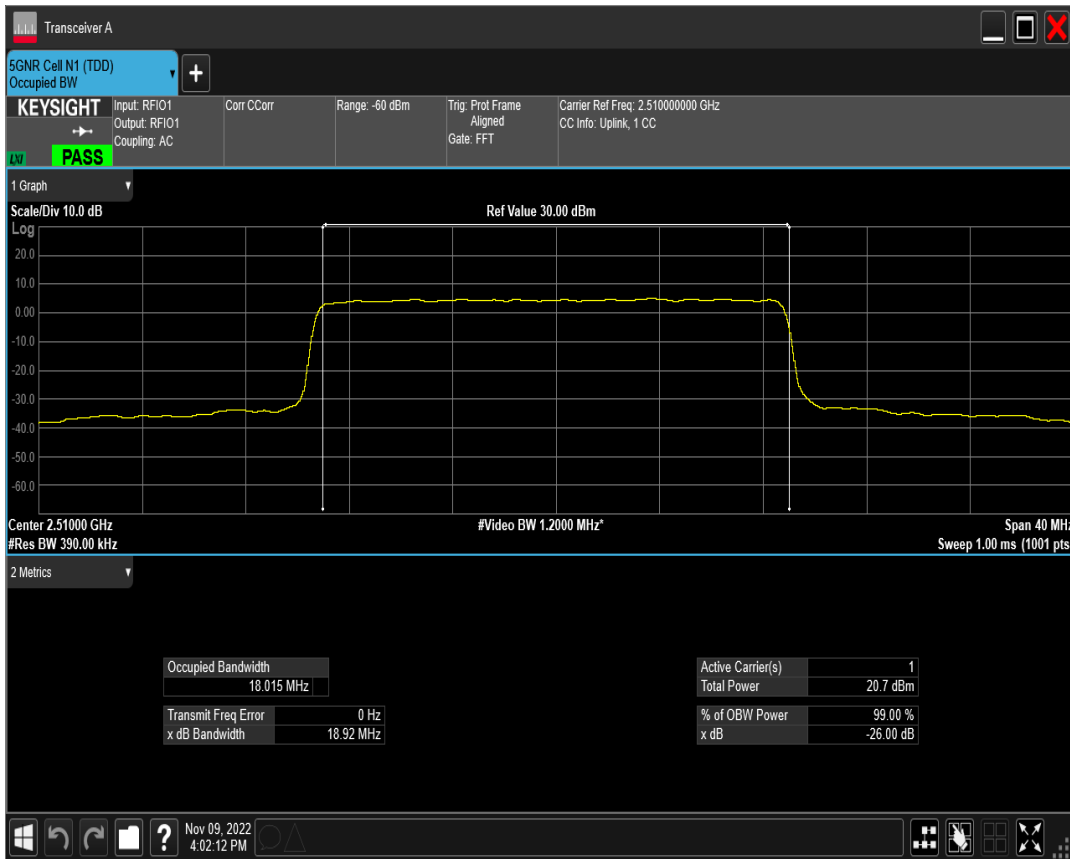
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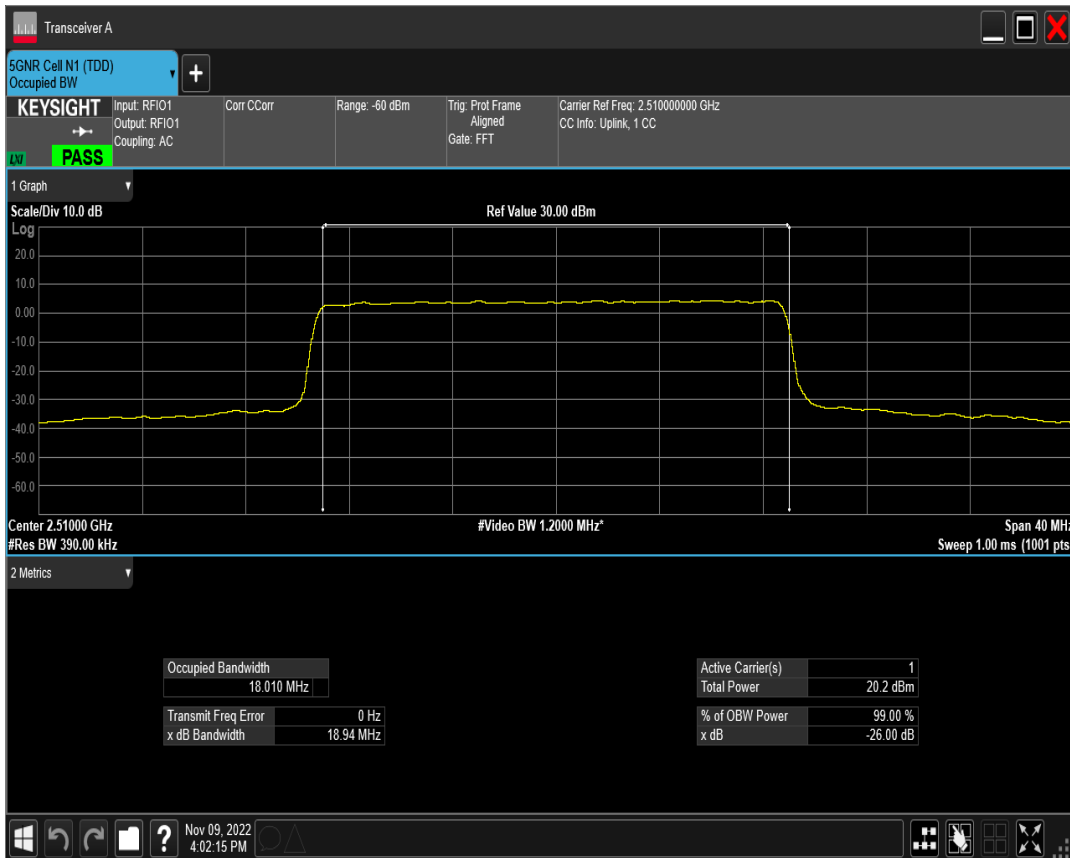
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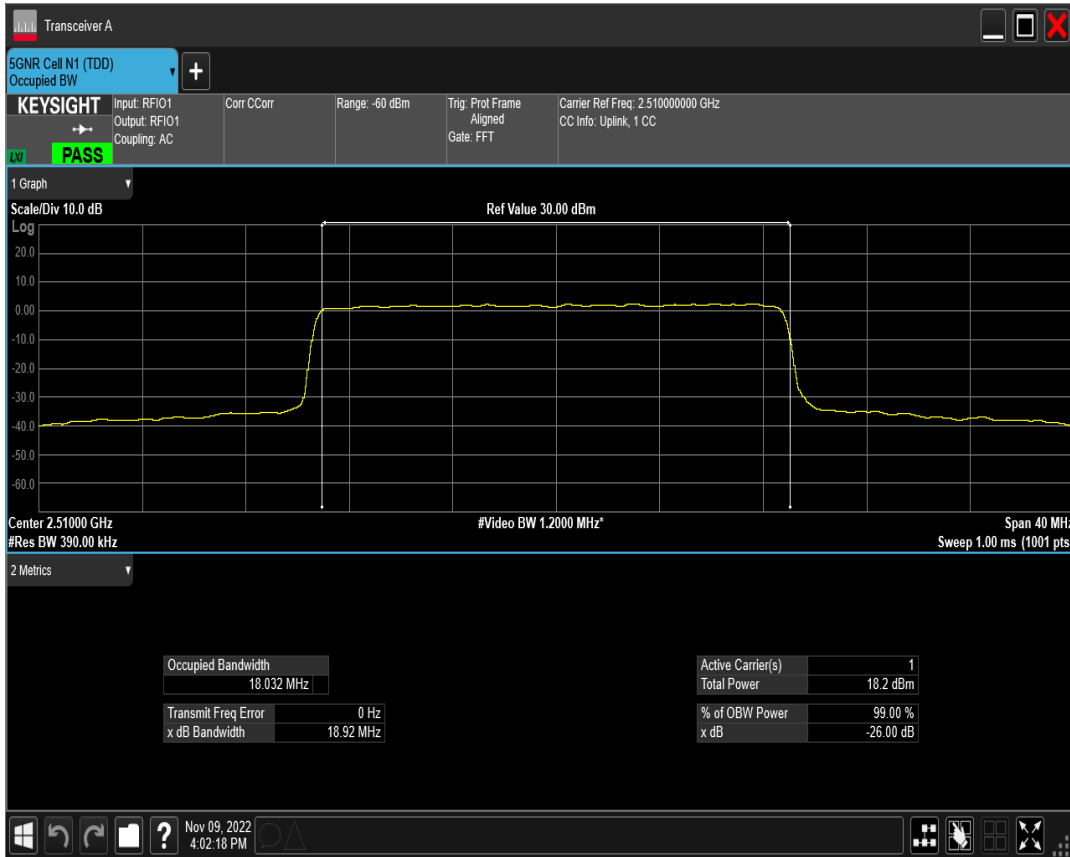
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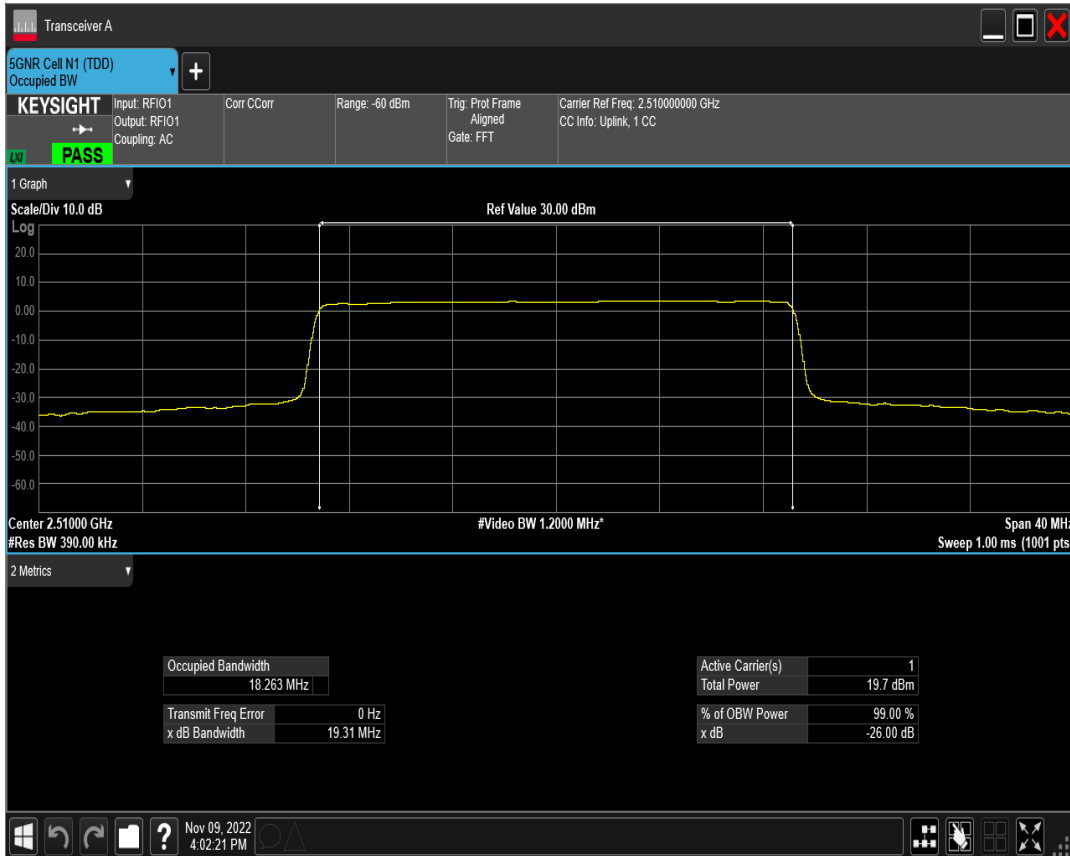
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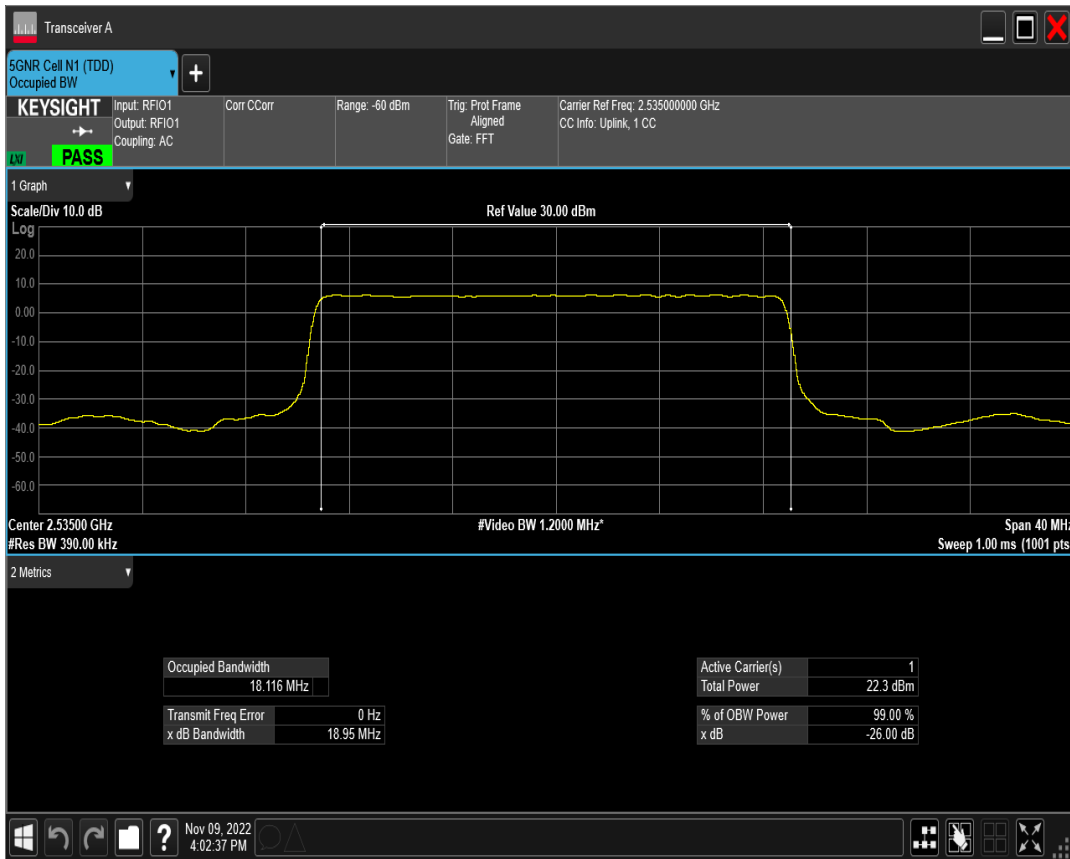
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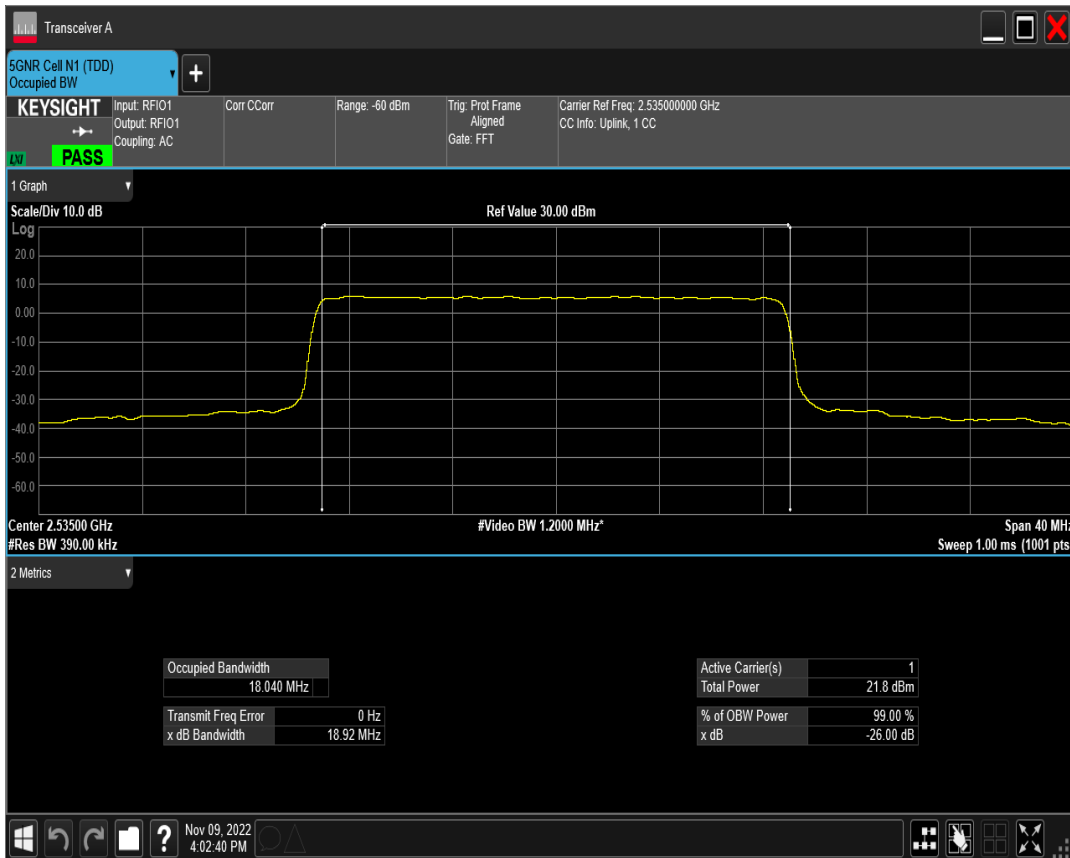
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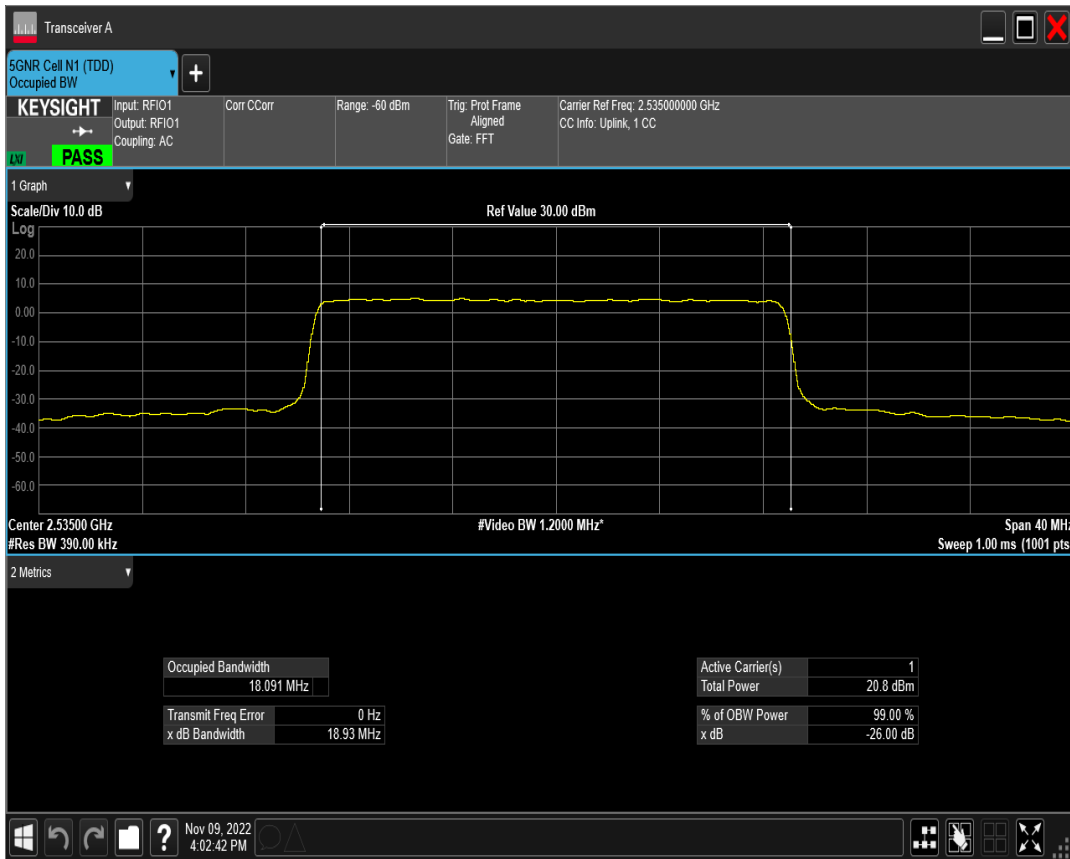
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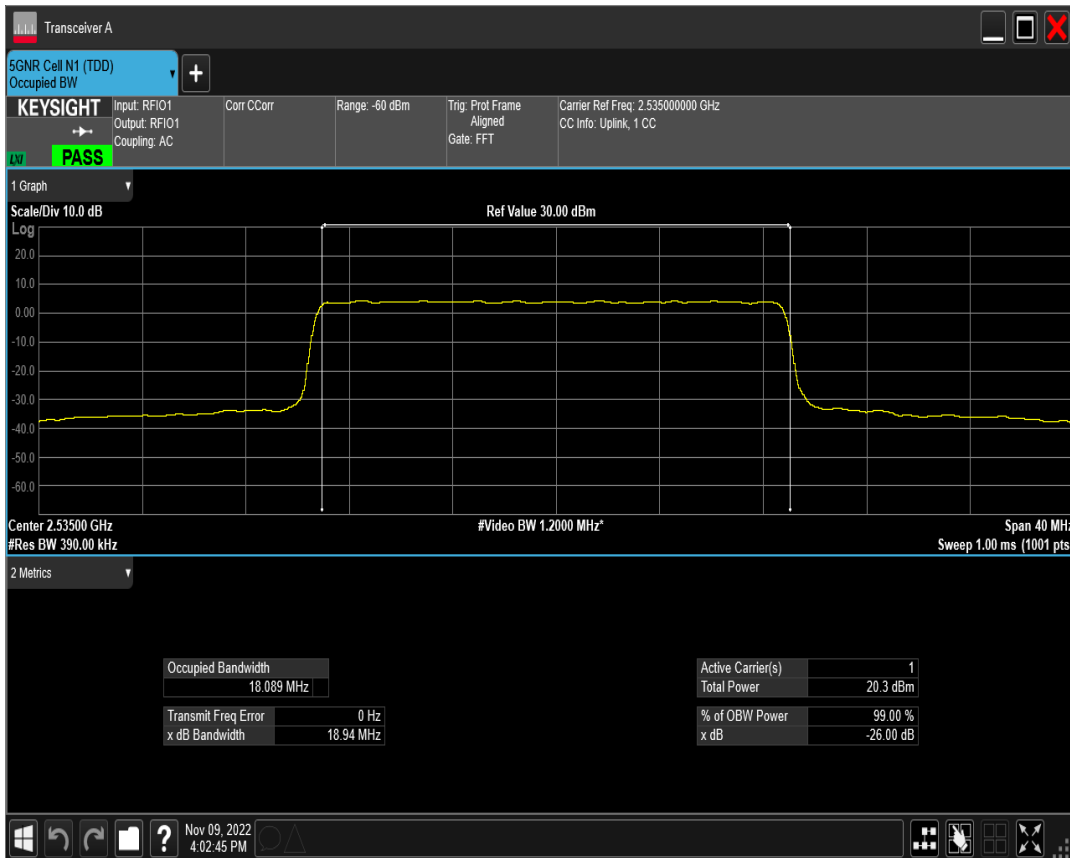
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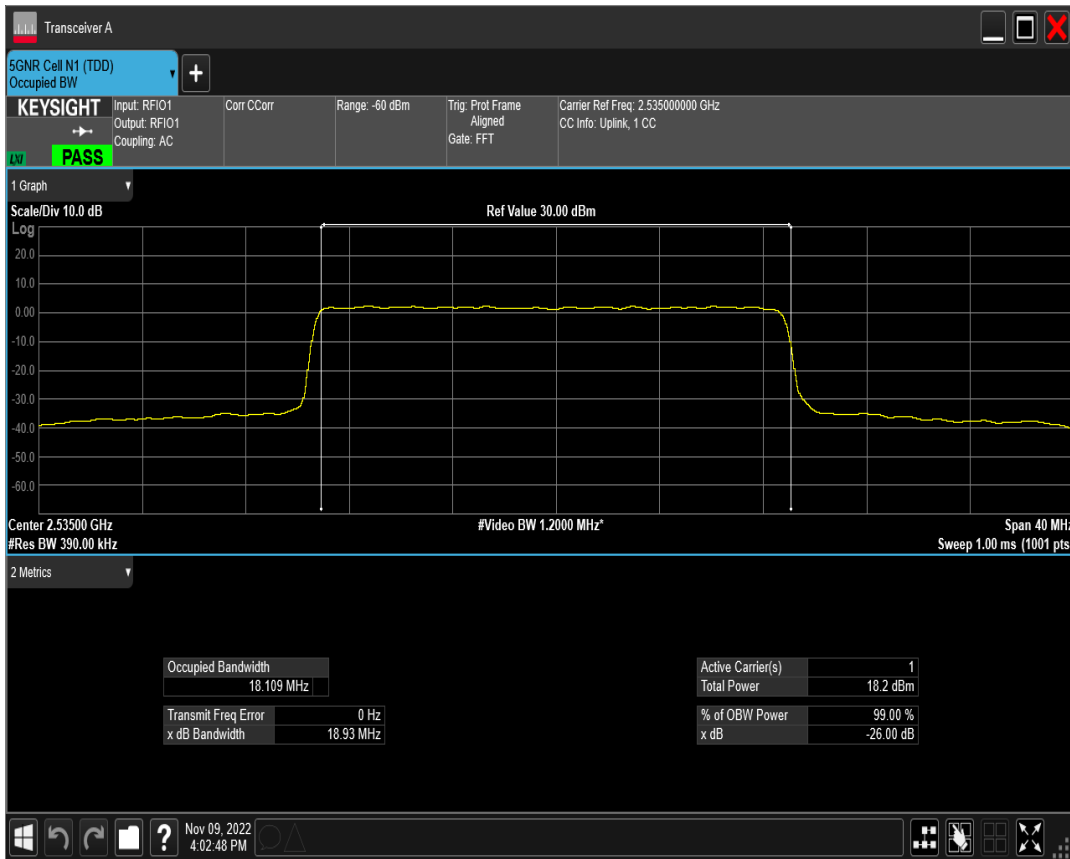
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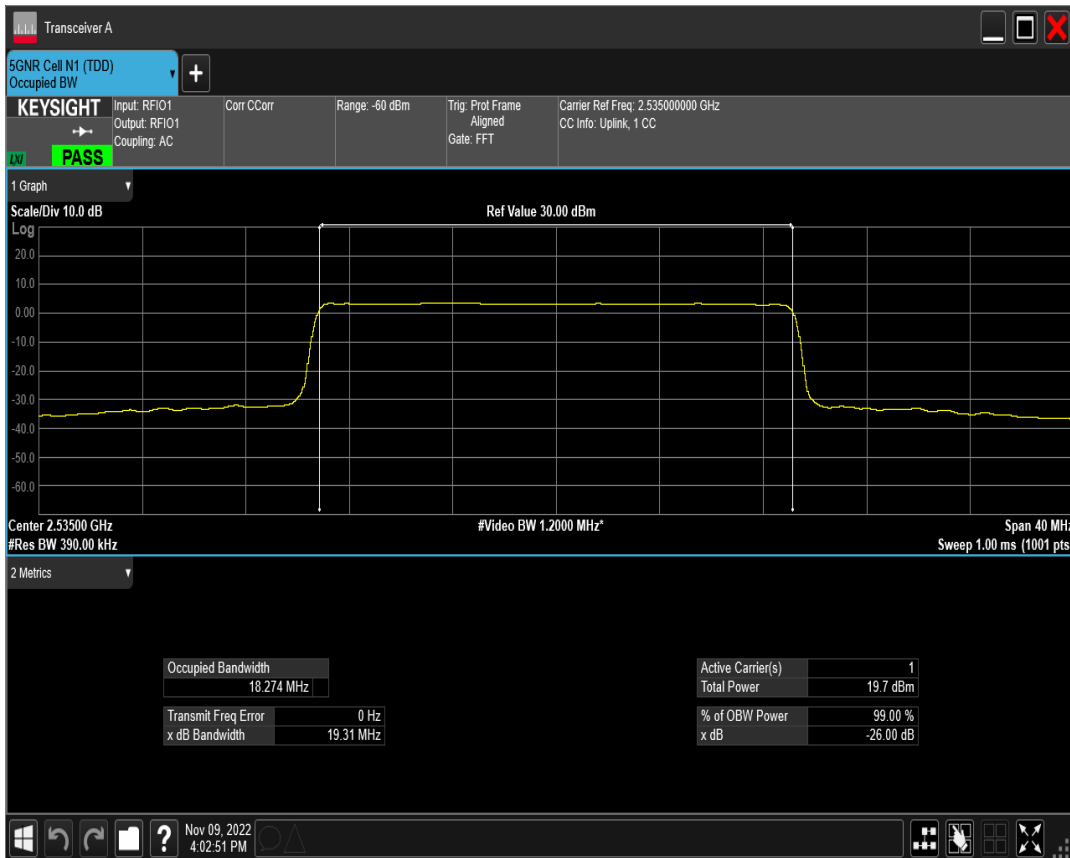
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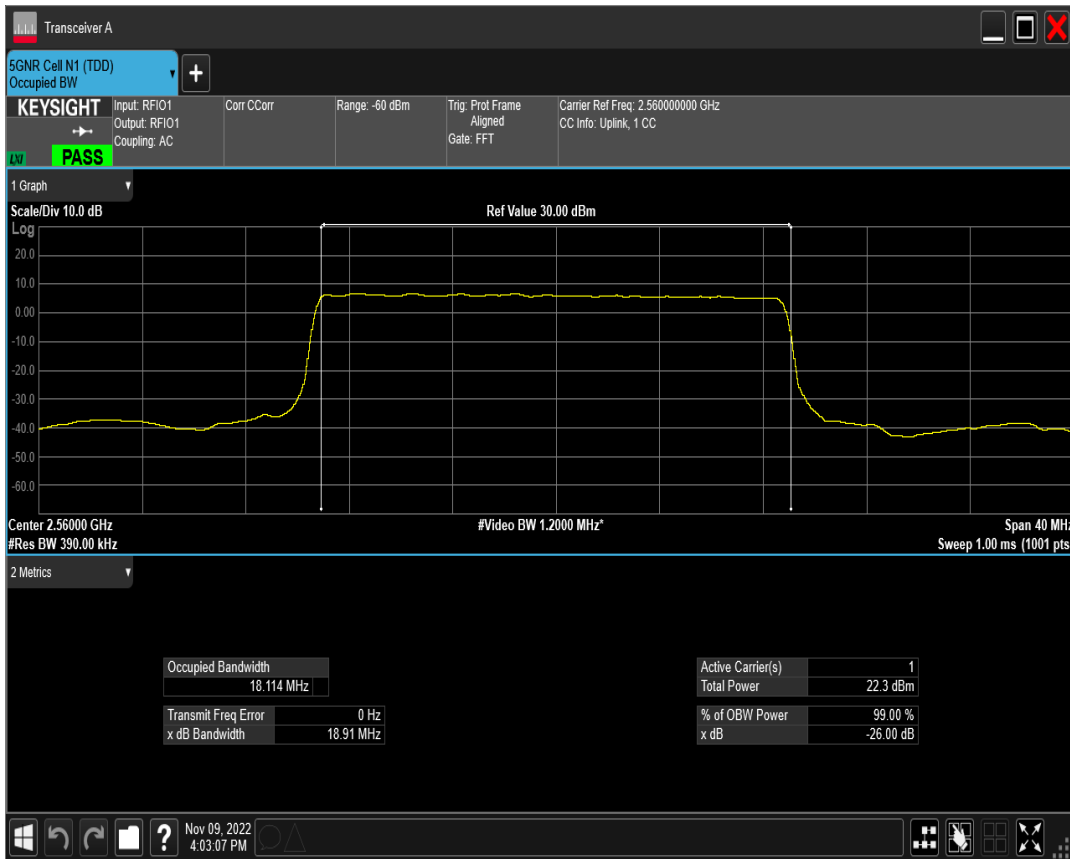
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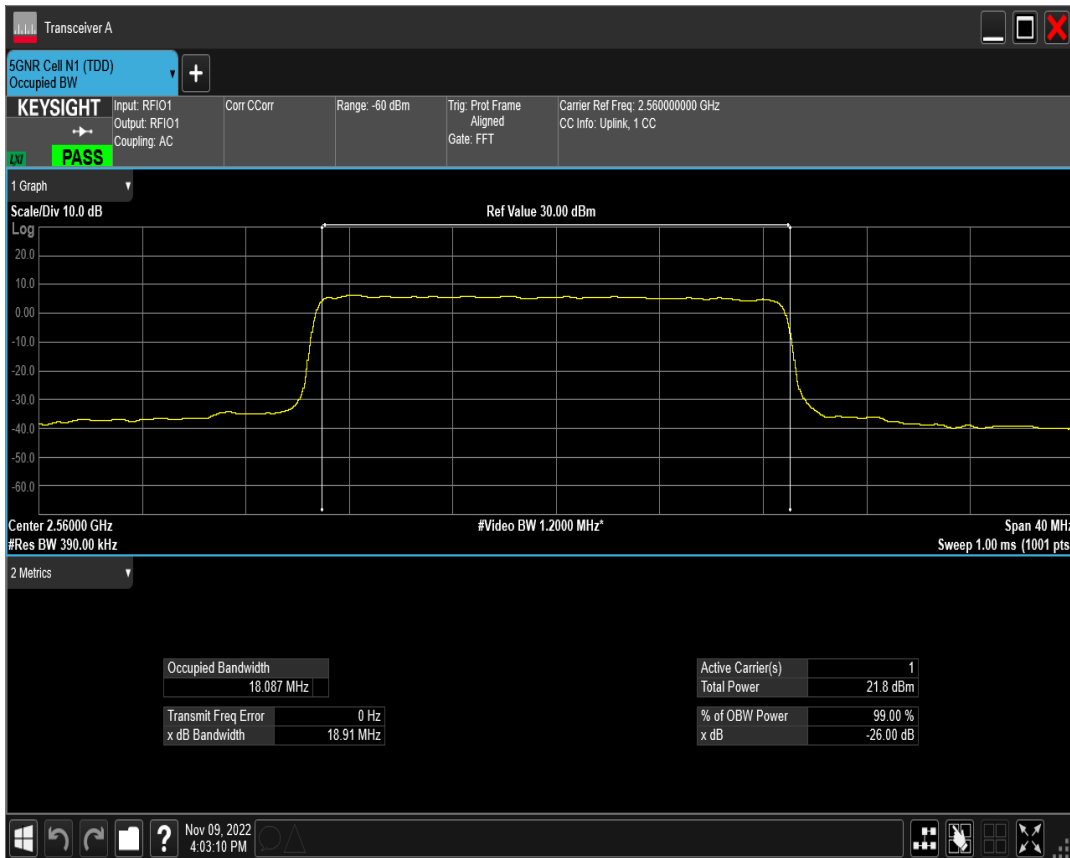
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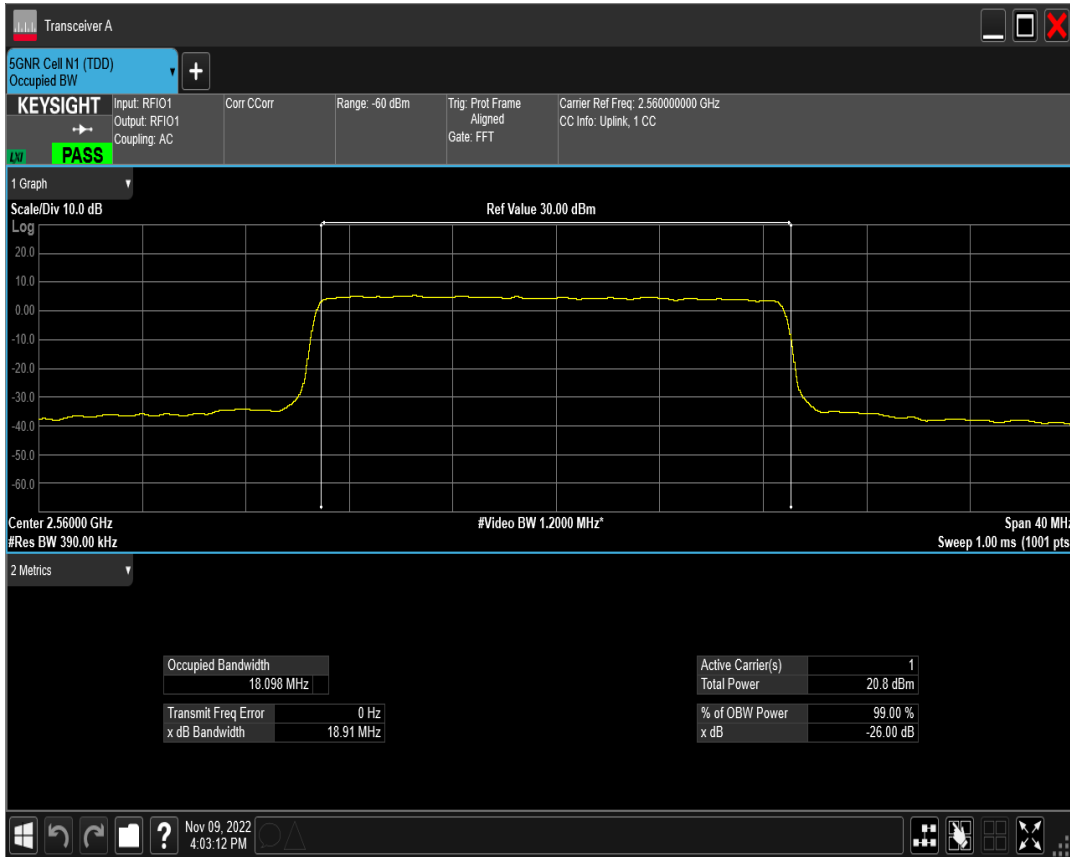
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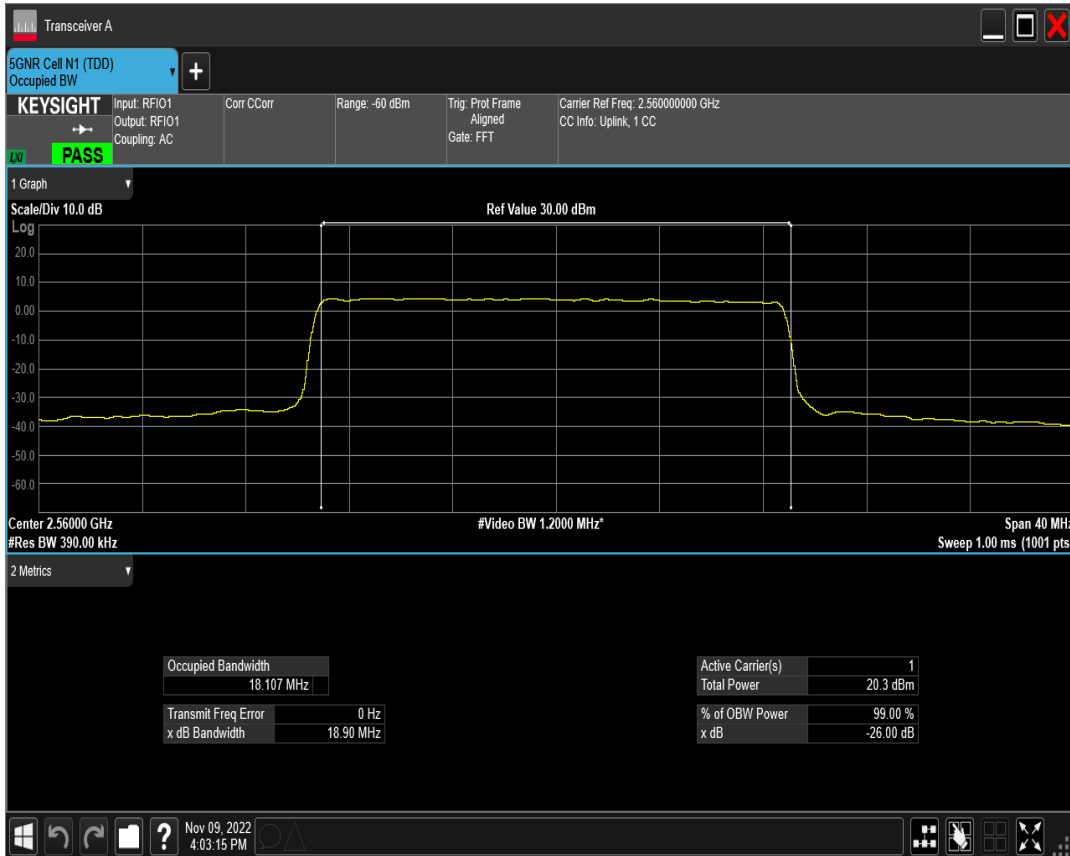
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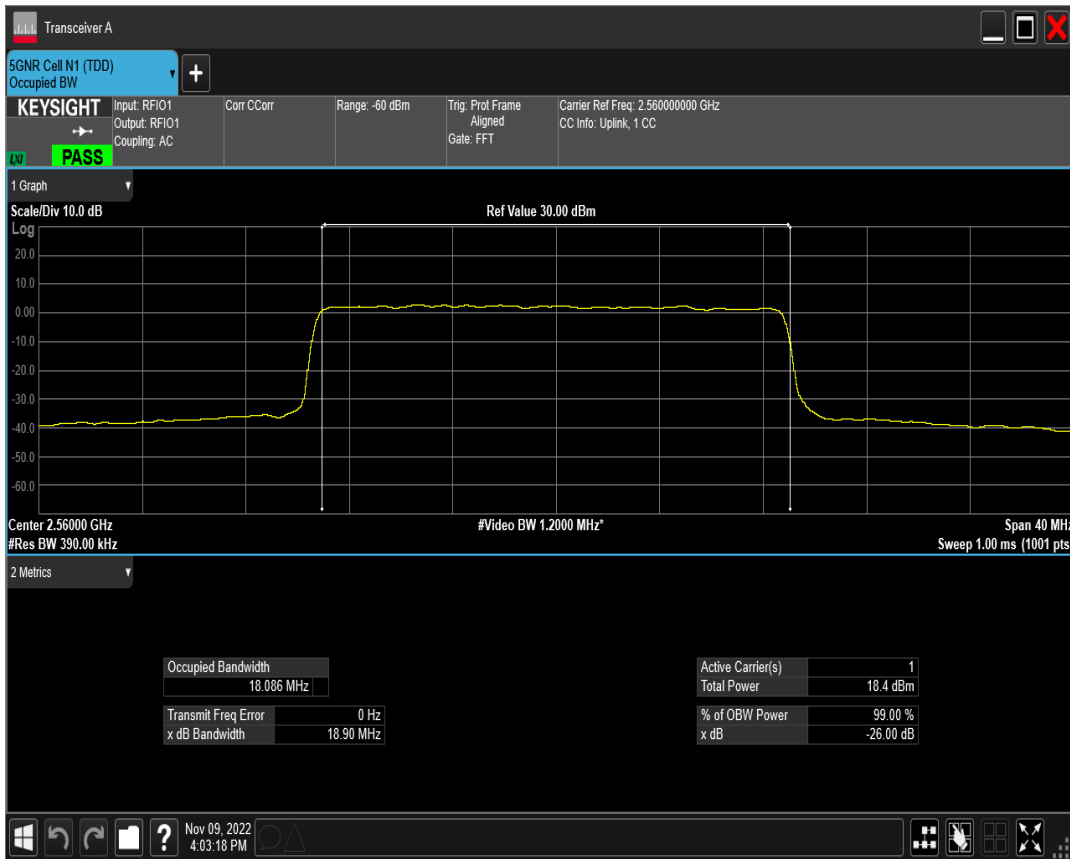
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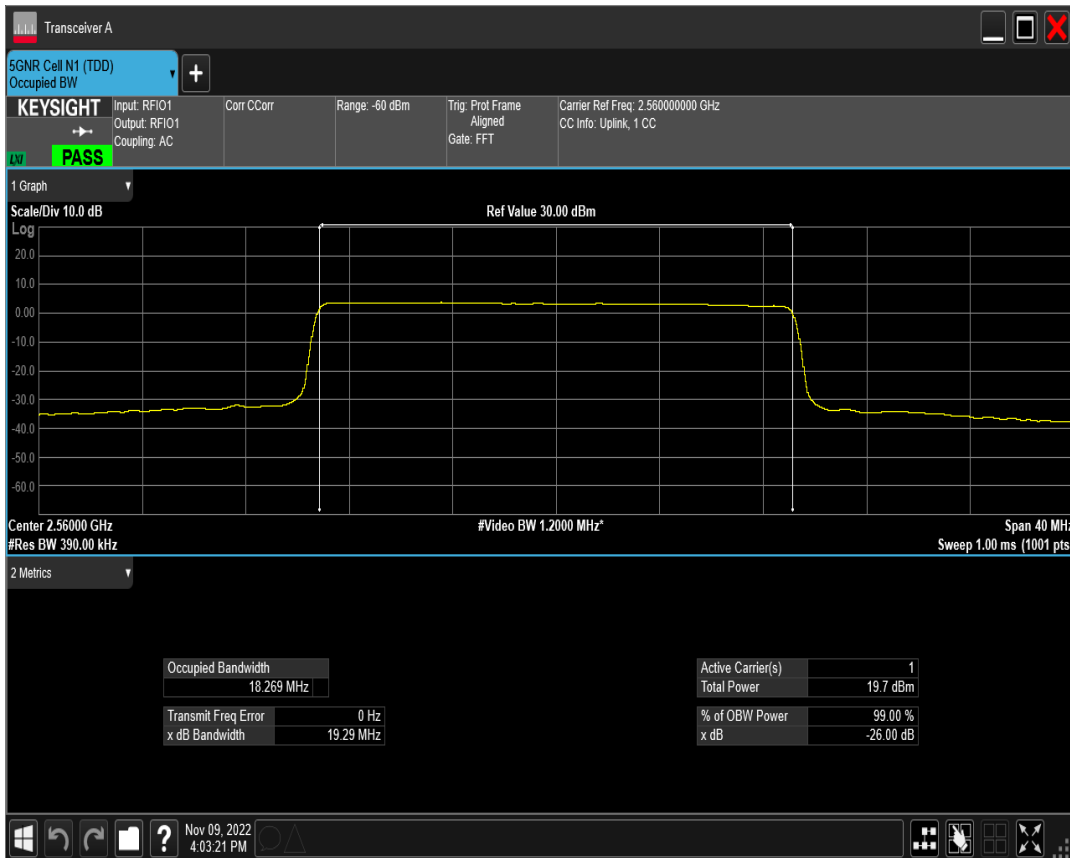
n7 SCS=30kHz DFT_QAM64 BW=20MHz Channel=512000 RB=50 @0



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



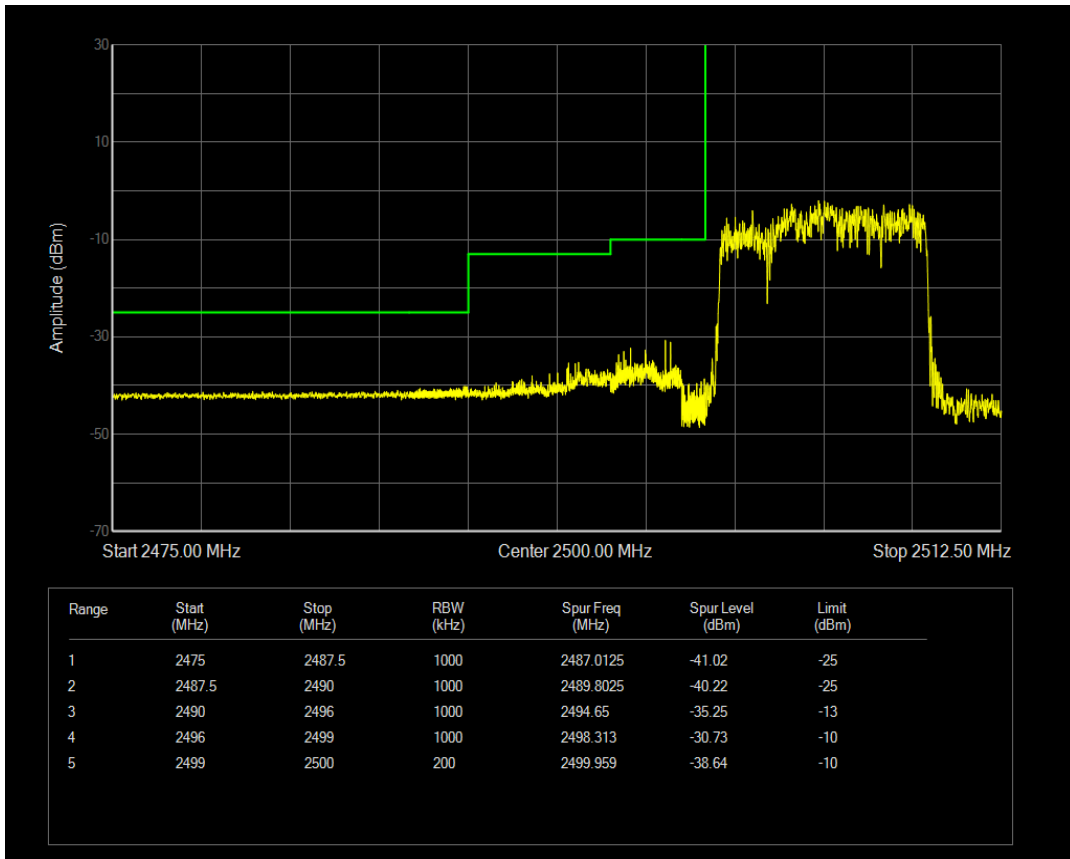
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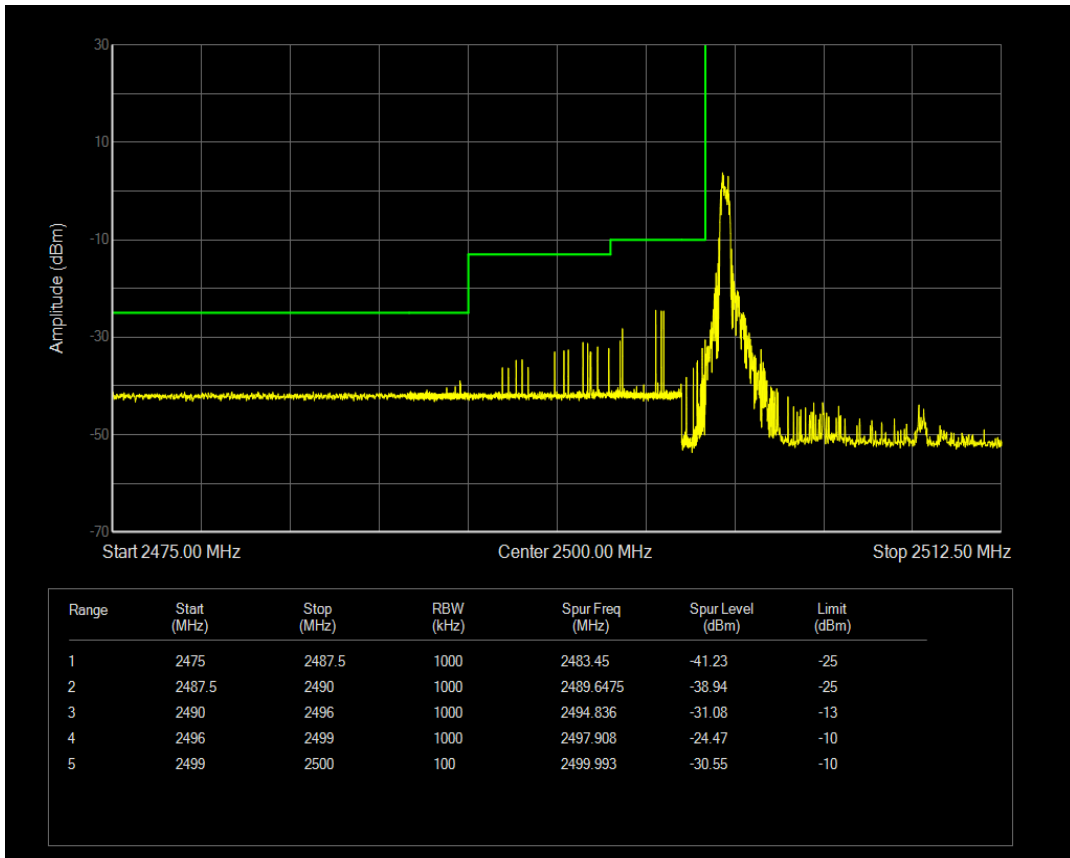
5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n7	30	10	501000	24@0	DFT_QPSK	2489.80	-40.22	-25	PASS
n7	30	10	501000	1@0	DFT_QPSK	2489.65	-38.94	-25	PASS
n7	30	10	513000	24@0	DFT_QPSK	2581.04	-39.95	-25	PASS
n7	30	10	513000	1@23	DFT_QPSK	2590.58	-40.82	-25	PASS
n7	30	20	502000	50@0	DFT_QPSK	2475.00	-41.06	-25	PASS
n7	30	20	502000	1@0	DFT_QPSK	2498.72	-19.28	-10	PASS
n7	30	20	512000	50@0	DFT_QPSK	2595.00	-41.04	-25	PASS
n7	30	20	512000	1@50	DFT_QPSK	2571.53	-25.80	-10	PASS

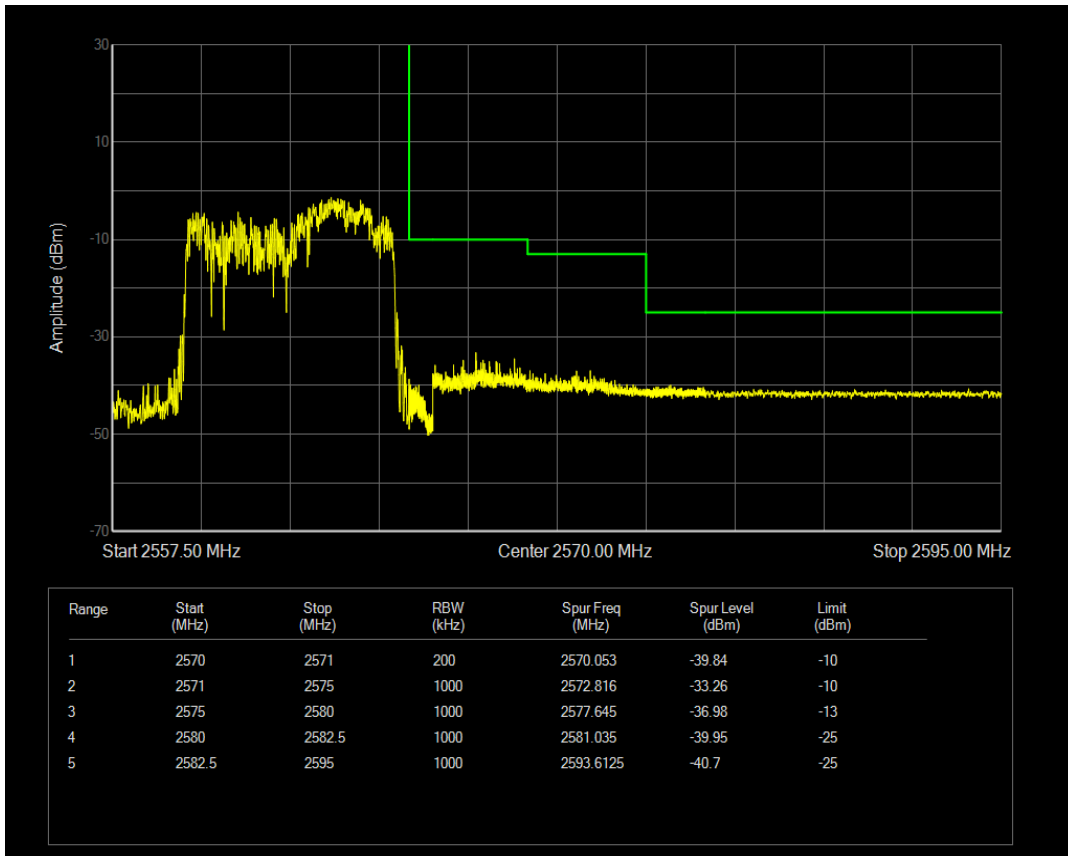
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=501000 RB=24@0



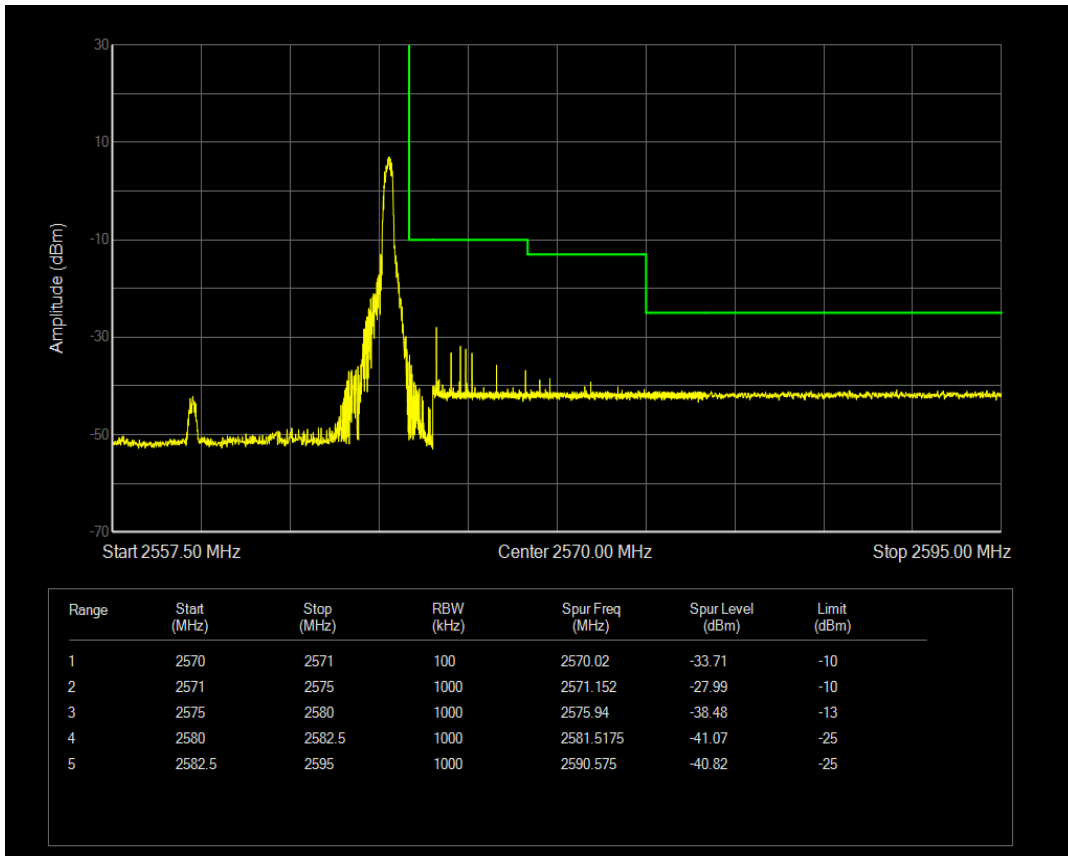
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=501000 RB=1@0



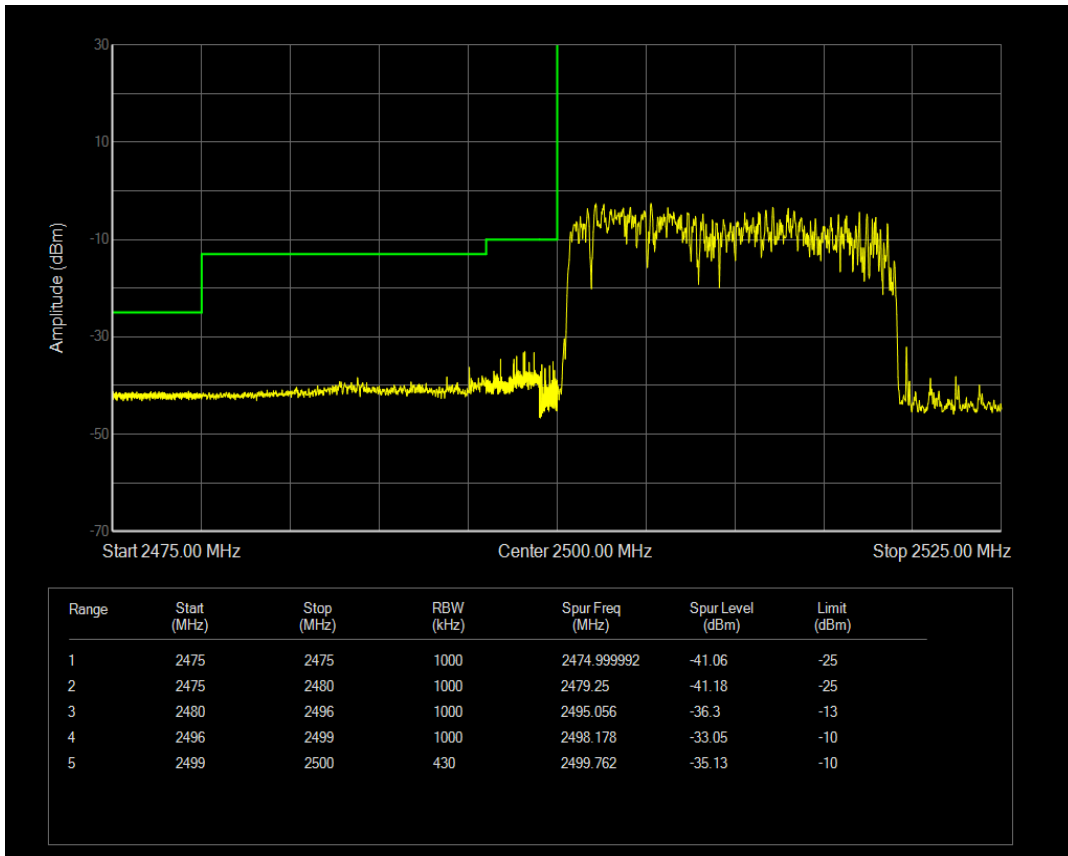
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=513000 RB=24@0



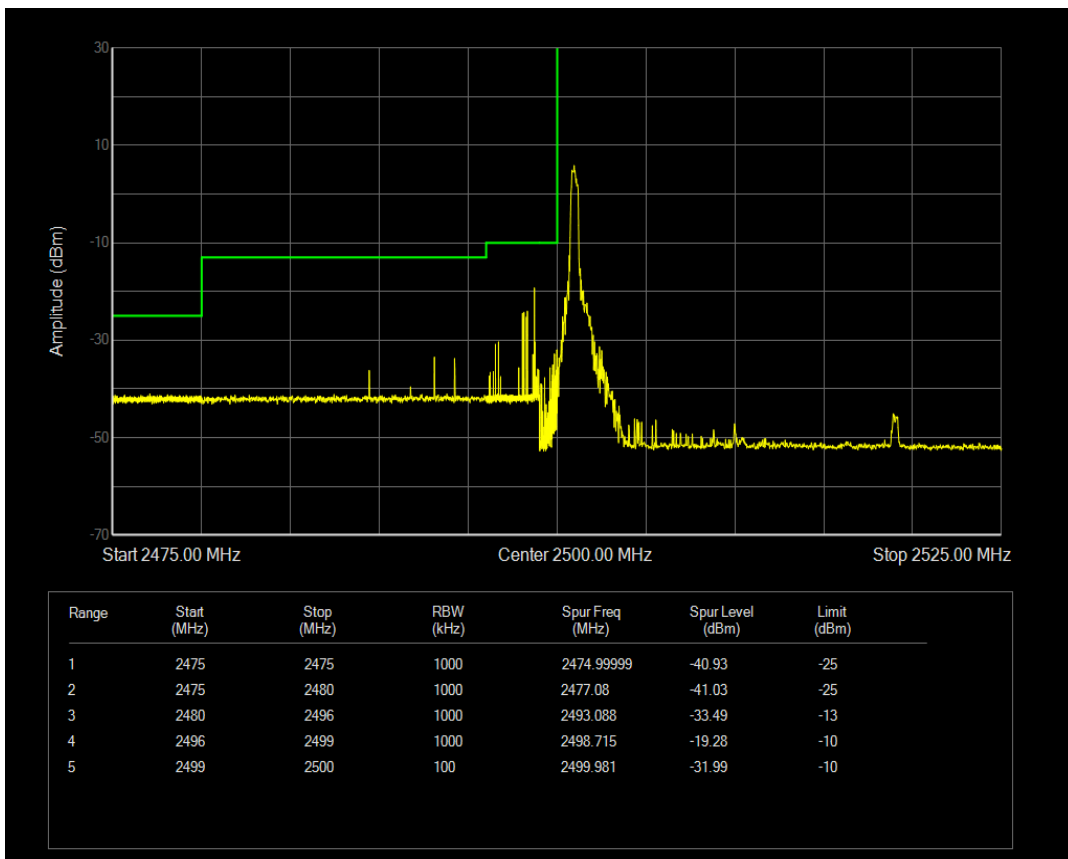
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=513000 RB=1@23



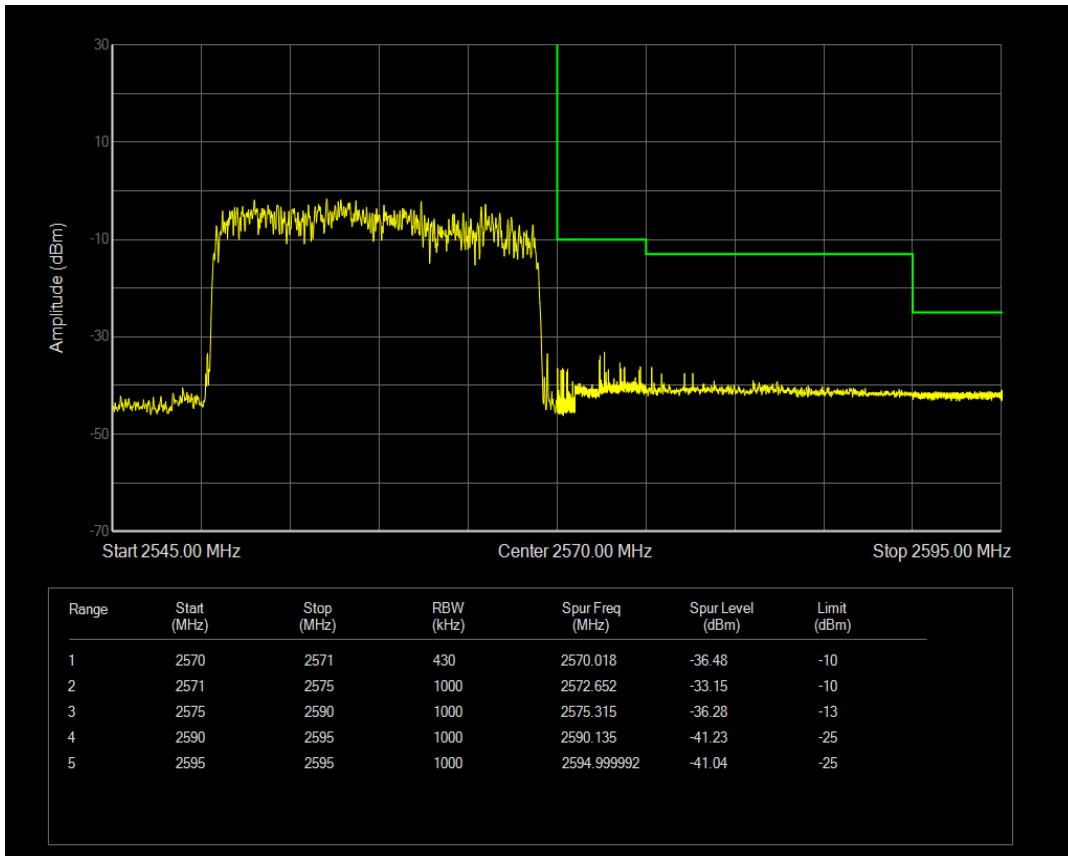
n7 SCS=30kHz DFT_QPSK BW=20MHz Channel=502000 RB=50@0



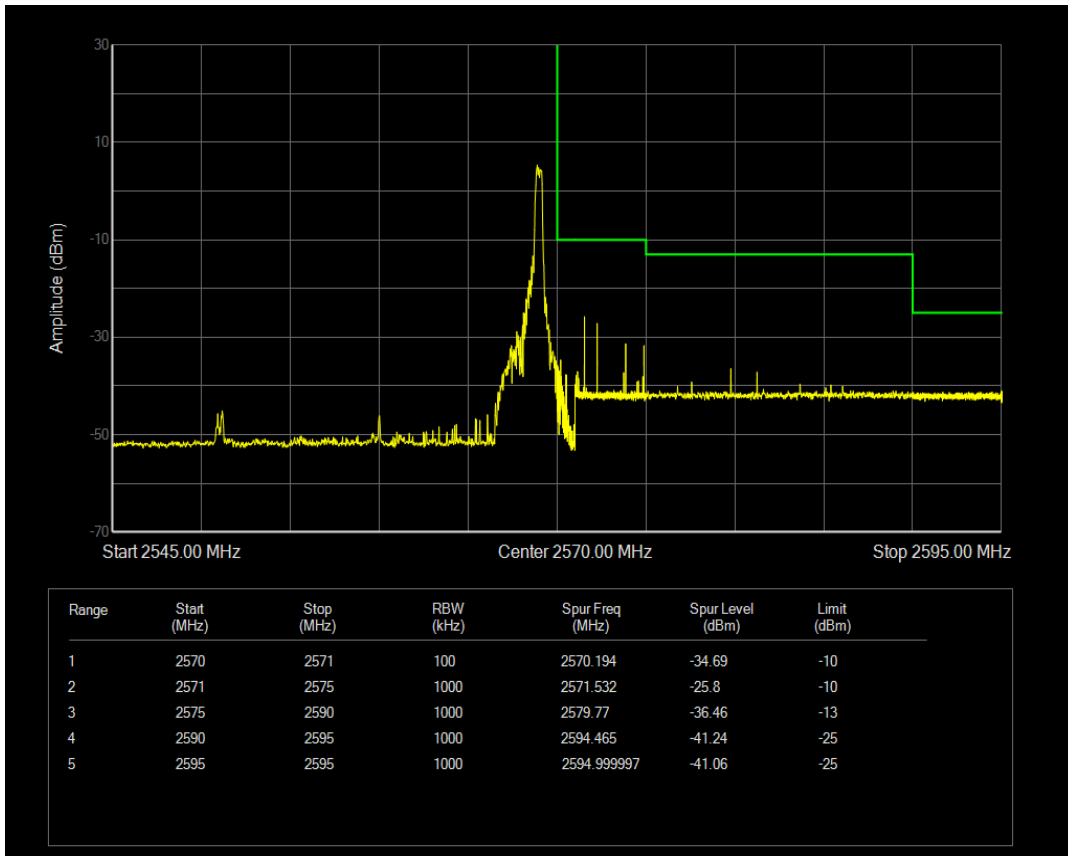
n7 SCS=30kHz DFT_QPSK BW=20MHz Channel=502000 RB=1@0



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



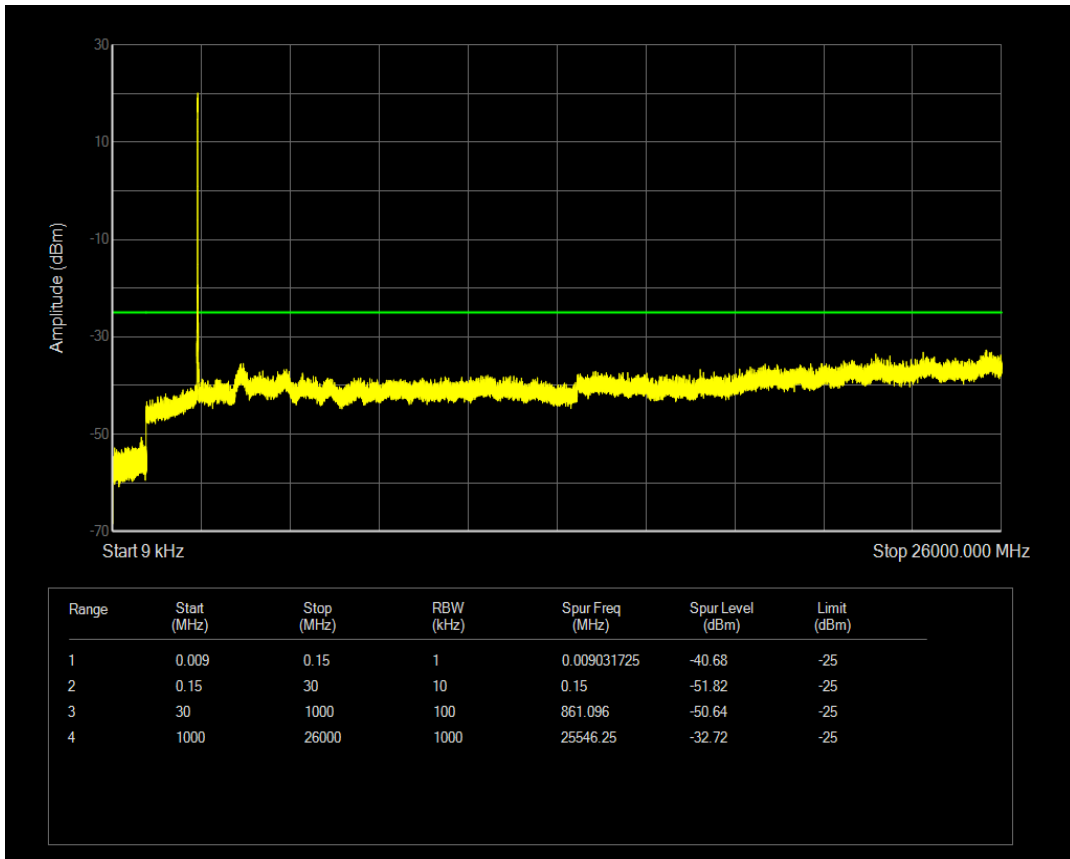
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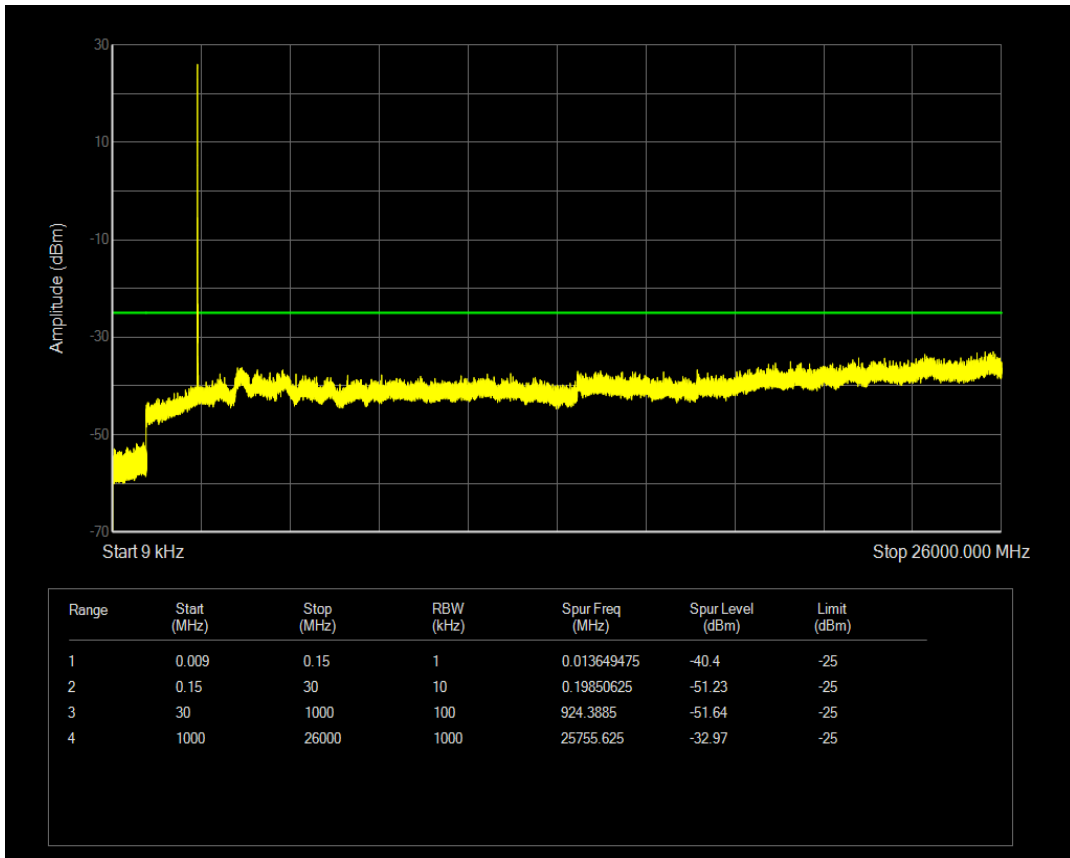
6 Out-of-band emissions for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n7	30	10	501000	24@0	DFT_QPSK	25546.25	-32.72	-25	PASS
n7	30	10	501000	1@0	DFT_QPSK	25755.63	-32.97	-25	PASS
n7	30	10	501000	1@23	DFT_QPSK	23700.63	-32.97	-25	PASS
n7	30	10	507000	24@0	DFT_QPSK	25678.13	-33.08	-25	PASS
n7	30	10	507000	1@0	DFT_QPSK	25623.75	-32.15	-25	PASS
n7	30	10	507000	1@23	DFT_QPSK	25615.63	-32.30	-25	PASS
n7	30	10	513000	24@0	DFT_QPSK	25679.38	-32.77	-25	PASS
n7	30	10	513000	1@0	DFT_QPSK	25626.88	-33.04	-25	PASS
n7	30	10	513000	1@23	DFT_QPSK	25748.13	-33.09	-25	PASS
n7	30	20	502000	50@0	DFT_QPSK	25695.63	-32.49	-25	PASS
n7	30	20	502000	1@0	DFT_QPSK	24656.88	-33.00	-25	PASS
n7	30	20	502000	1@50	DFT_QPSK	25719.38	-32.10	-25	PASS
n7	30	20	507000	50@0	DFT_QPSK	25529.38	-32.33	-25	PASS
n7	30	20	507000	1@0	DFT_QPSK	23725.00	-32.16	-25	PASS
n7	30	20	507000	1@50	DFT_QPSK	25683.75	-32.38	-25	PASS
n7	30	20	512000	50@0	DFT_QPSK	25713.13	-32.79	-25	PASS
n7	30	20	512000	1@0	DFT_QPSK	24048.75	-32.42	-25	PASS
n7	30	20	512000	1@50	DFT_QPSK	25583.13	-33.51	-25	PASS

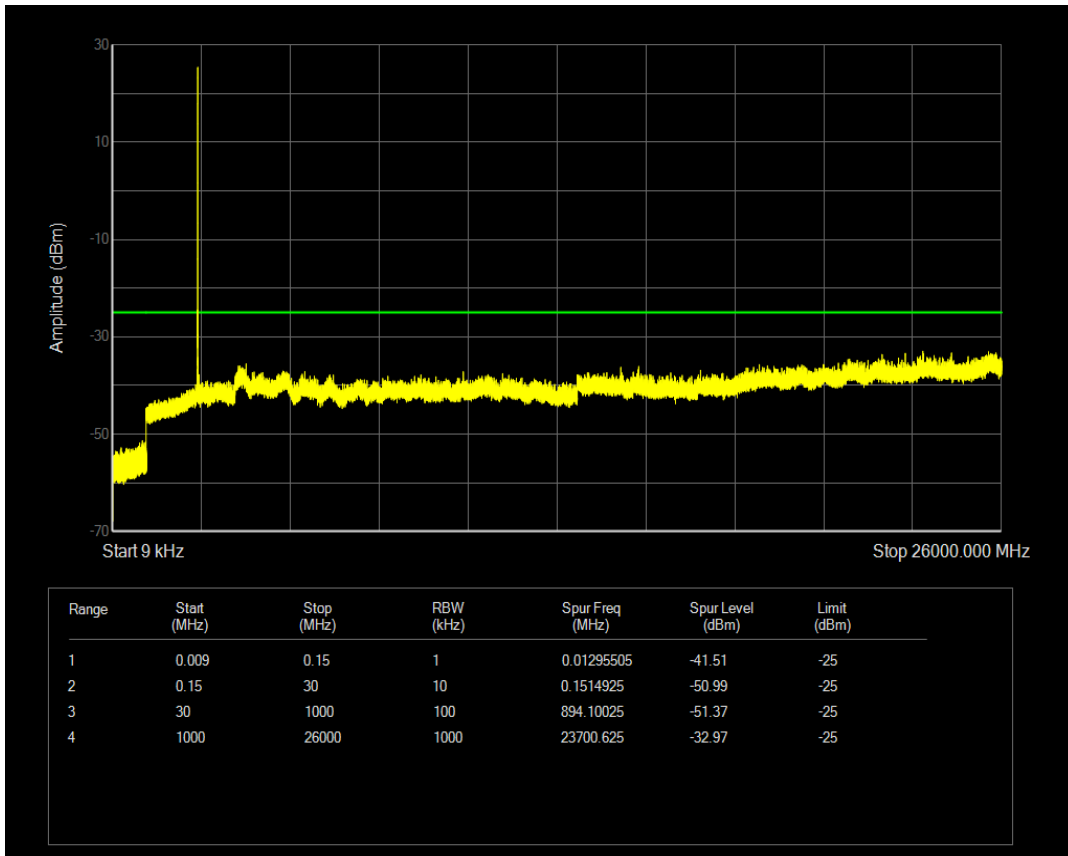
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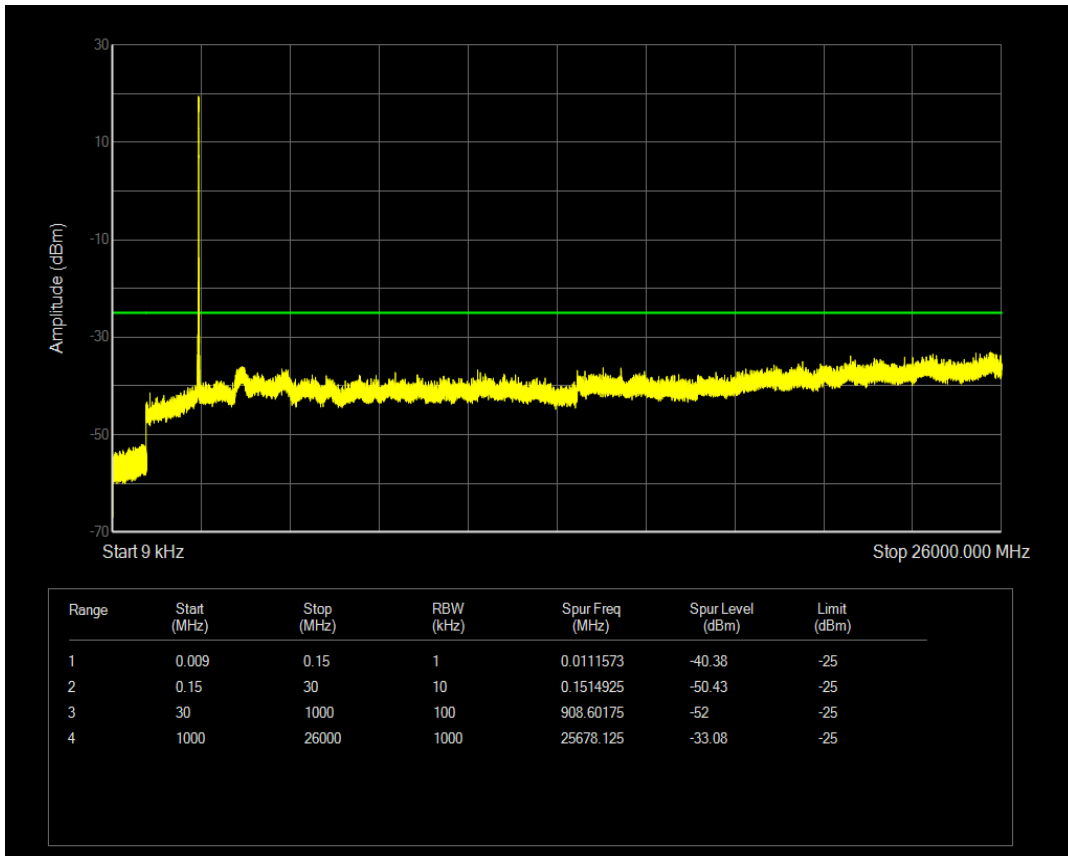
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=501000 RB=1@0



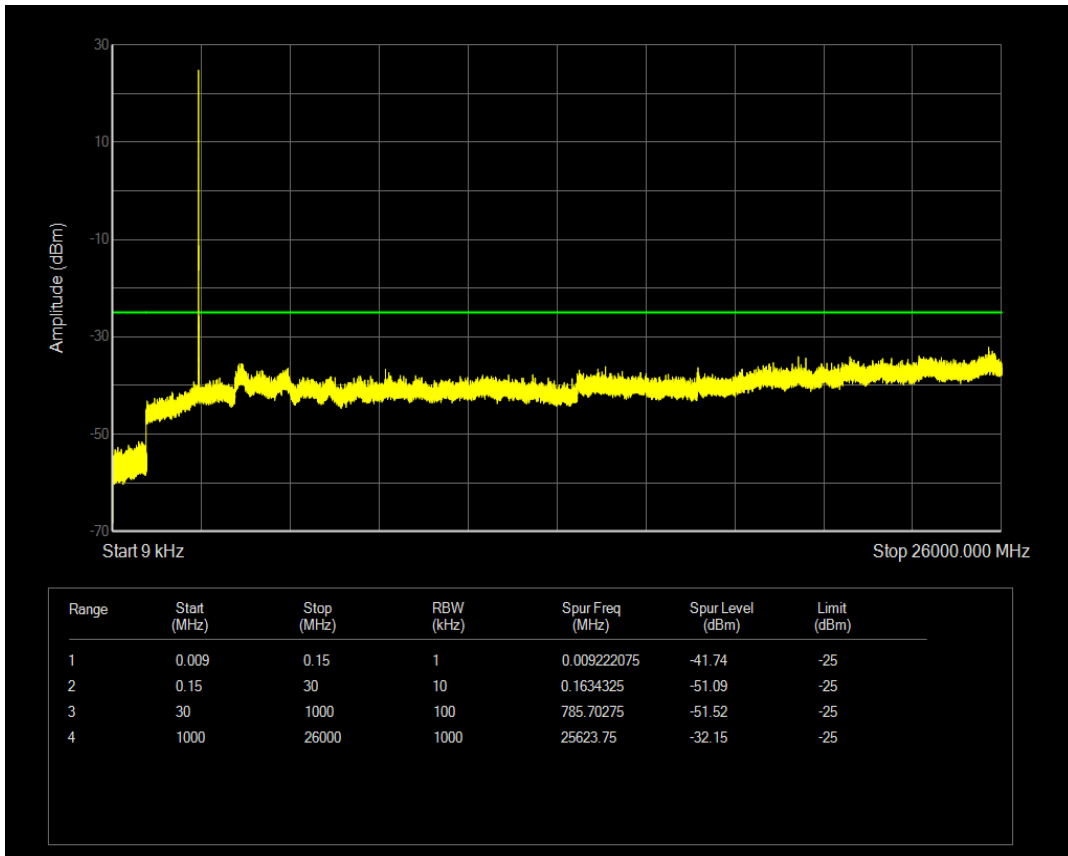
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=501000 RB=1@23



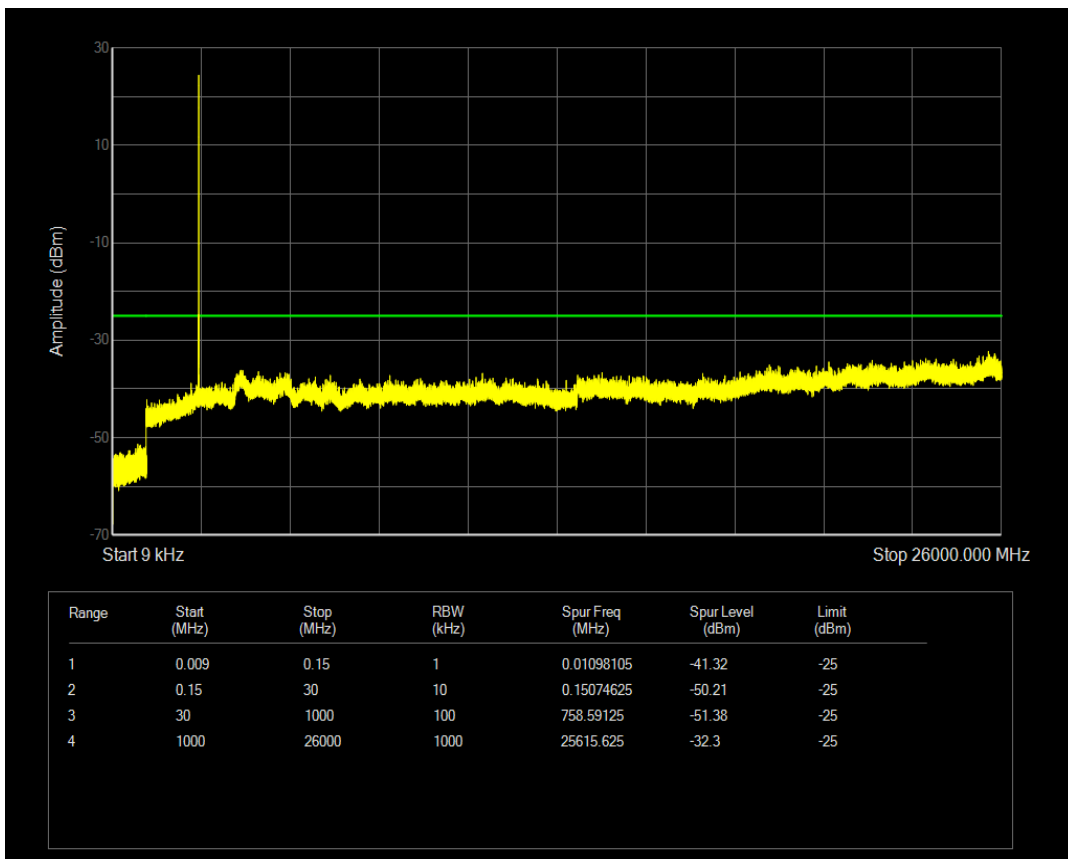
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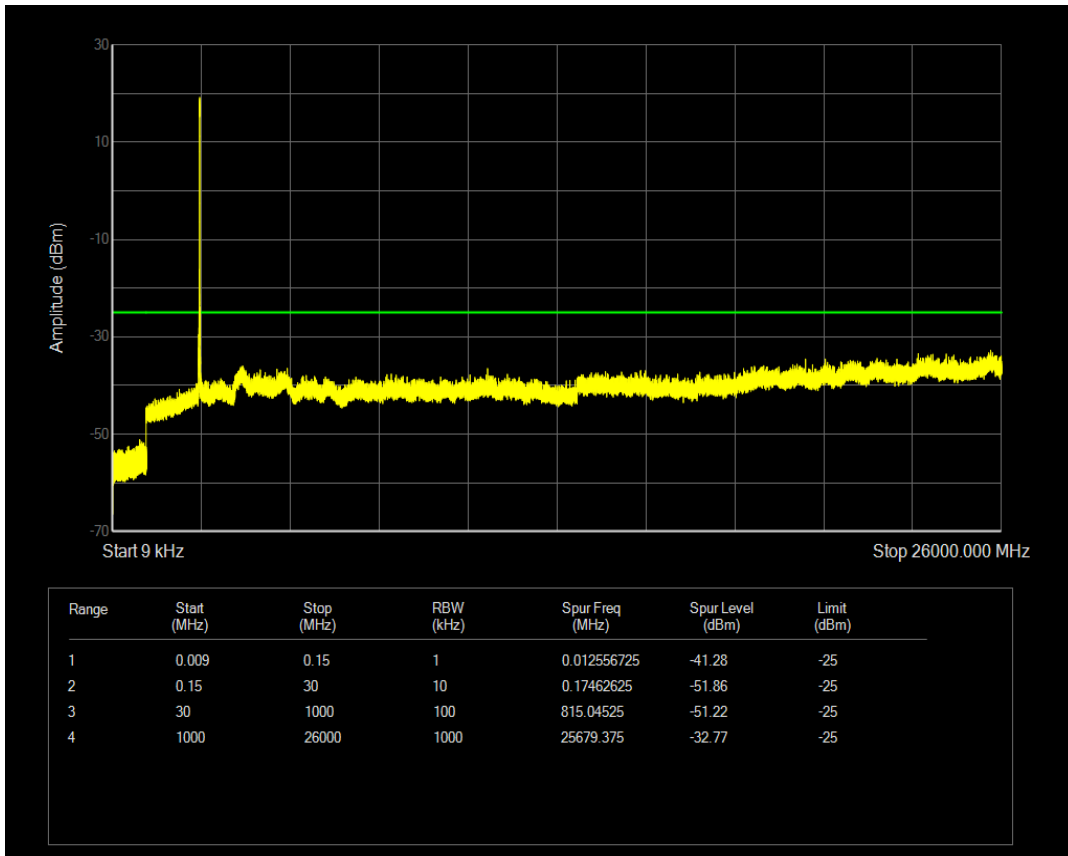
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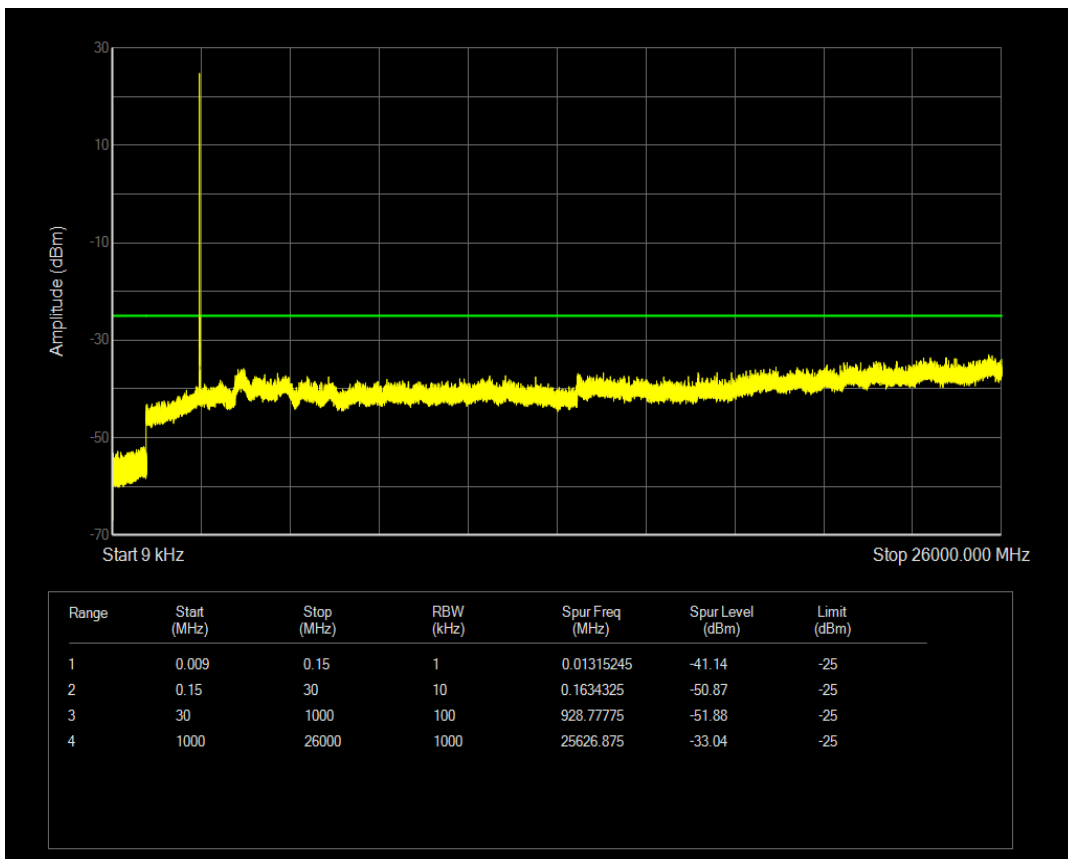
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=507000 RB=1@23



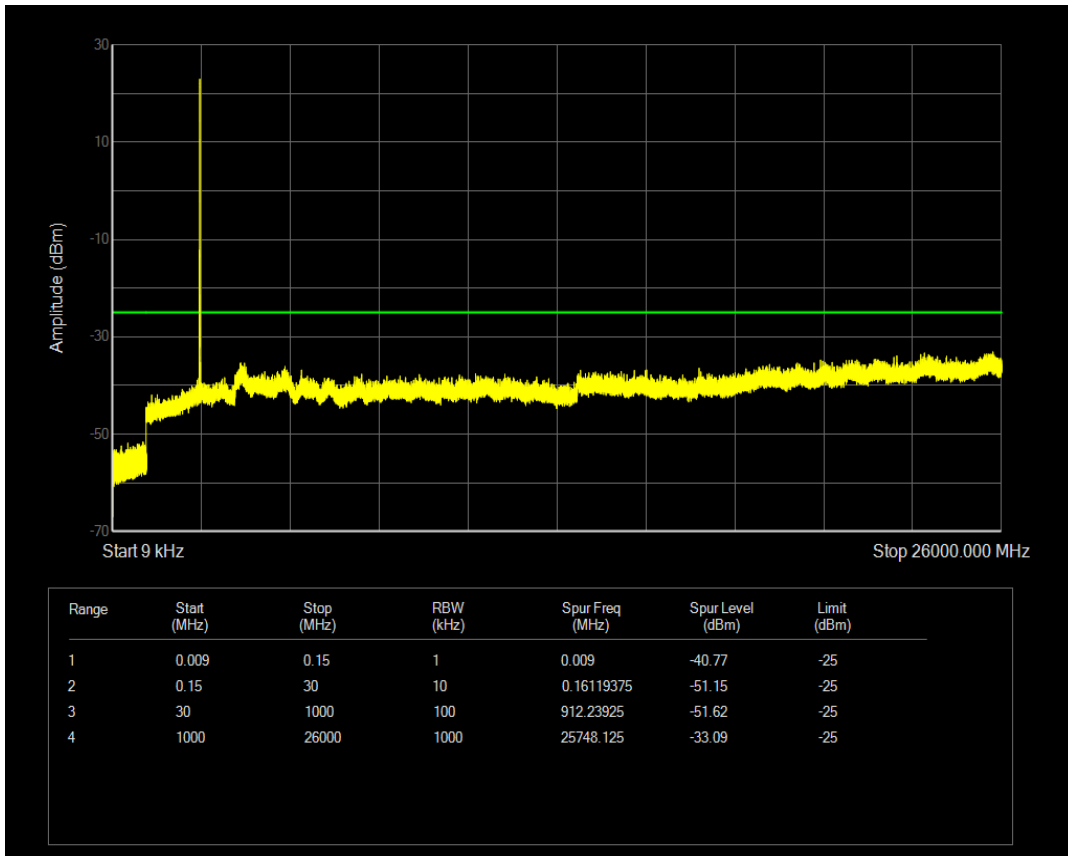
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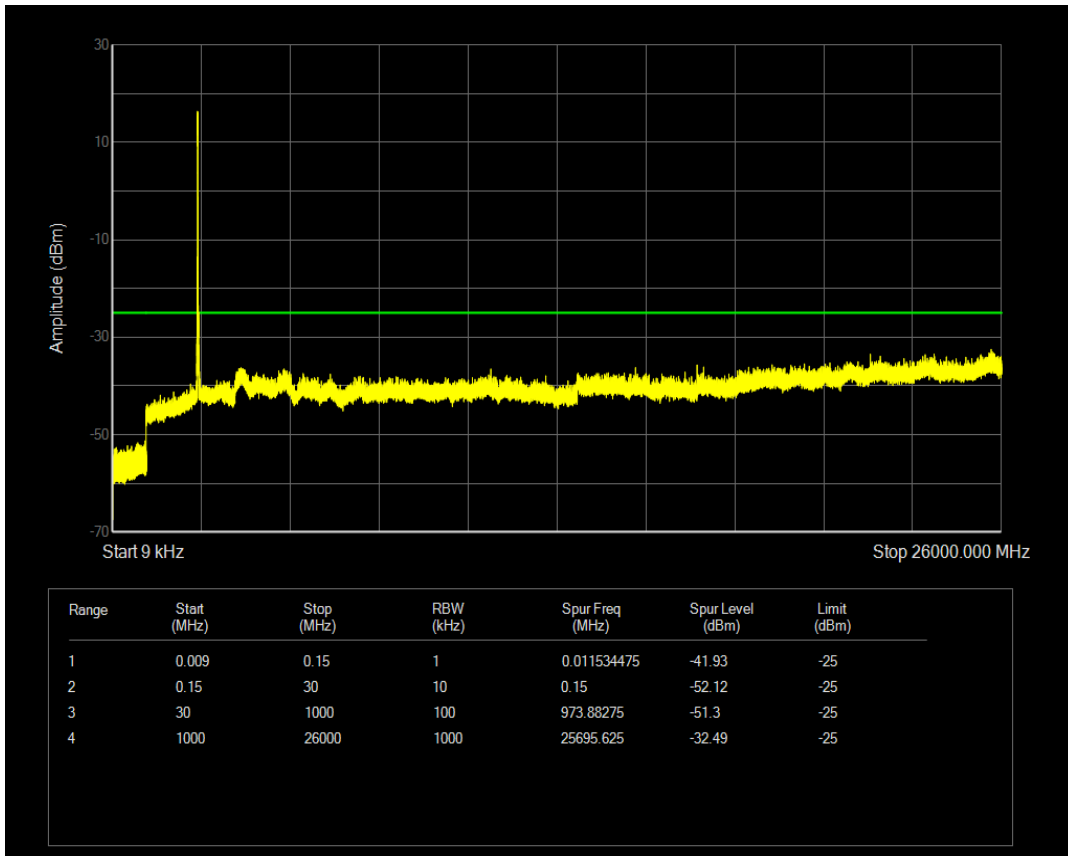
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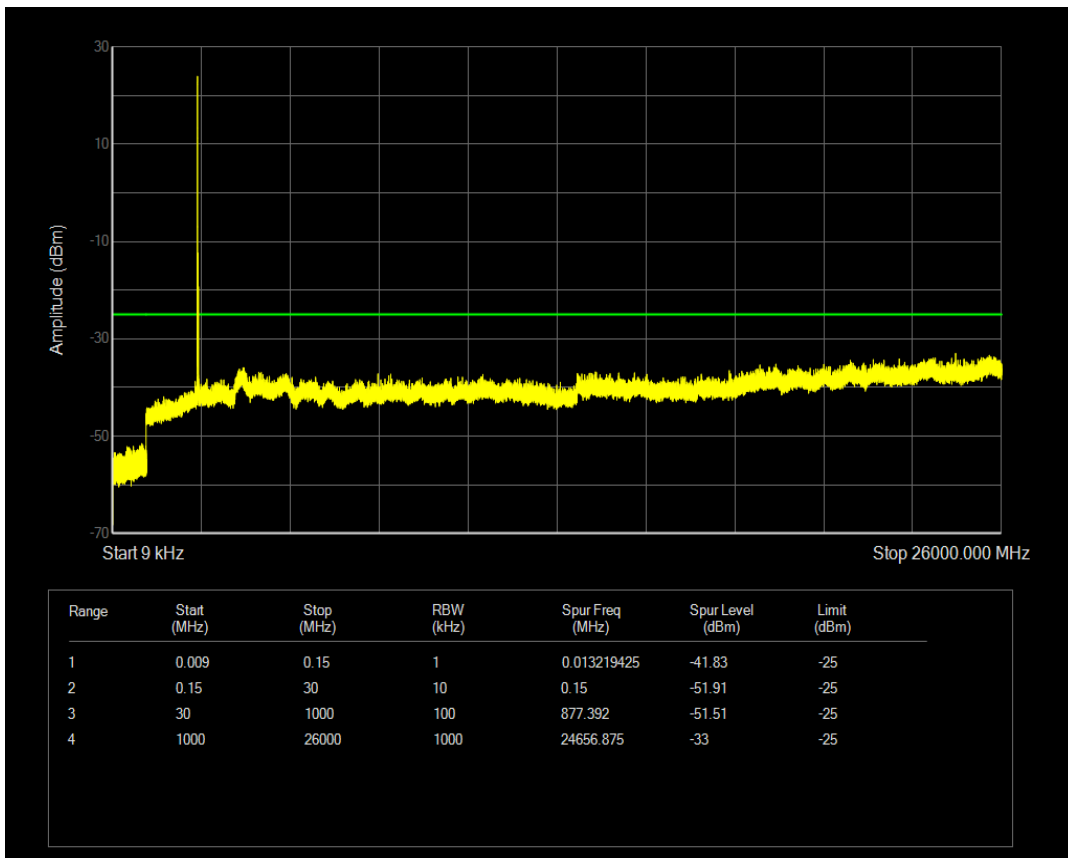
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=513000 RB=1@23



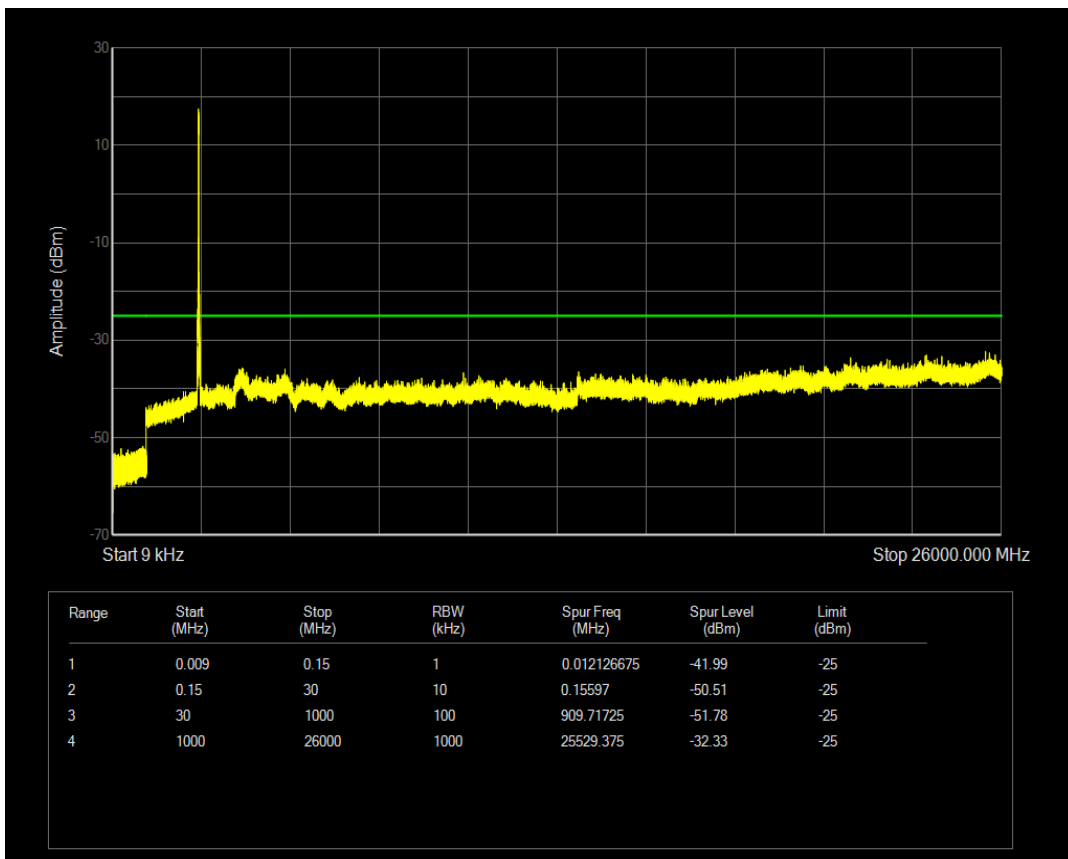
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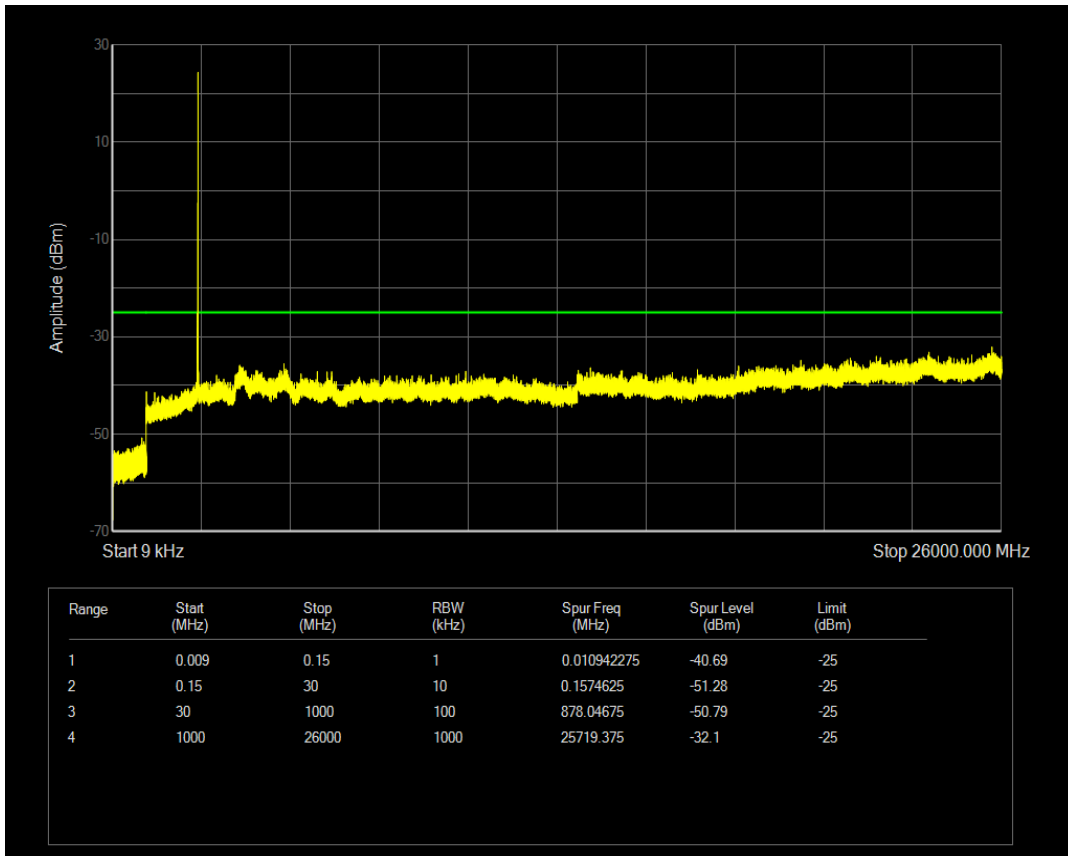
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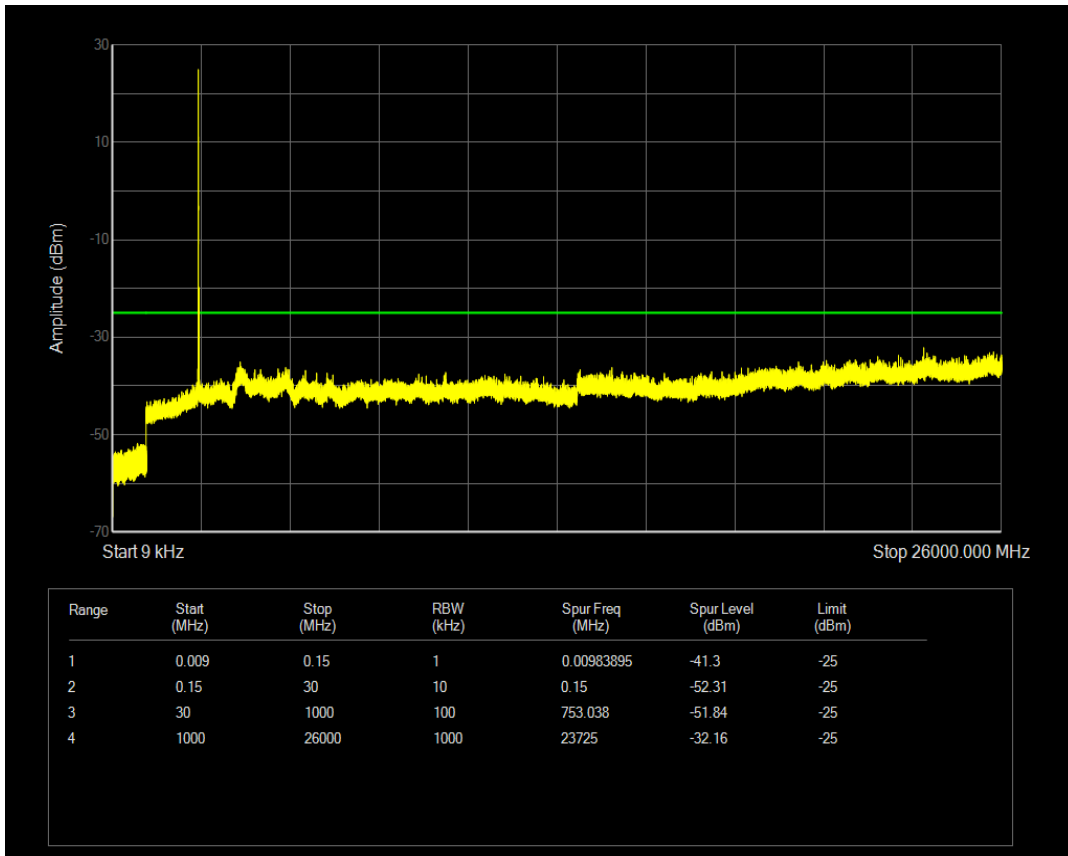
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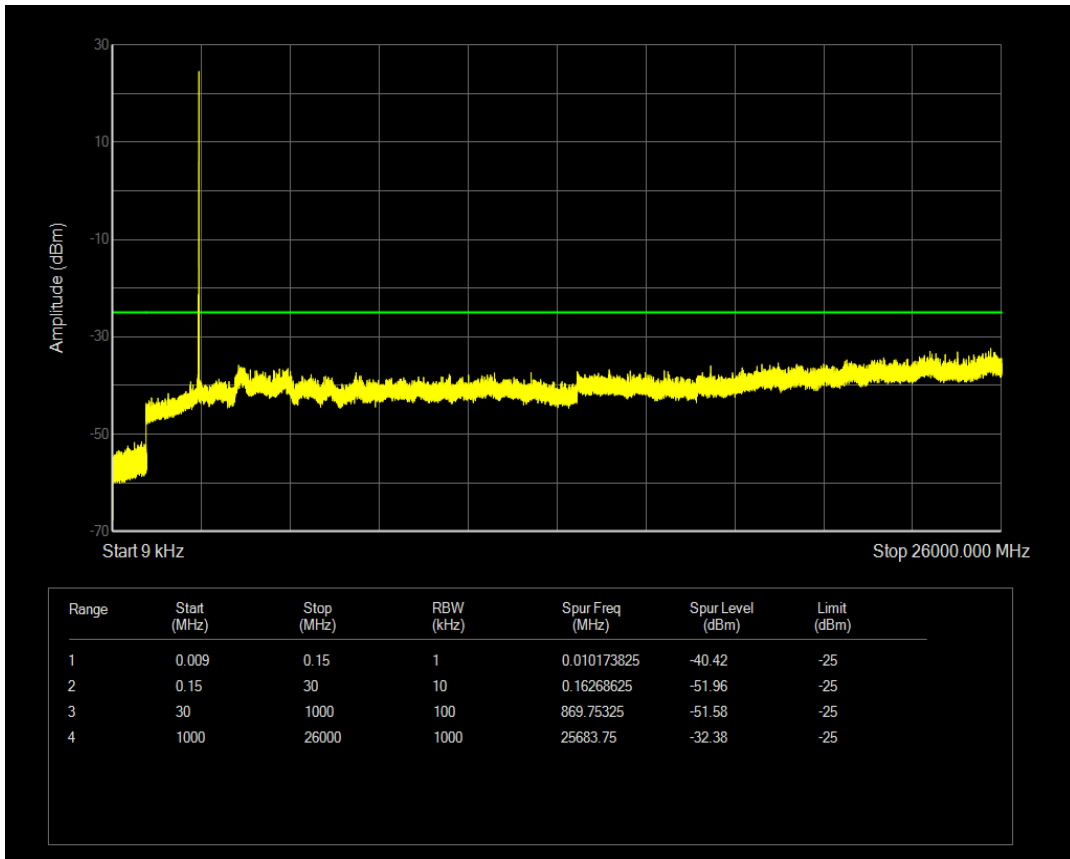
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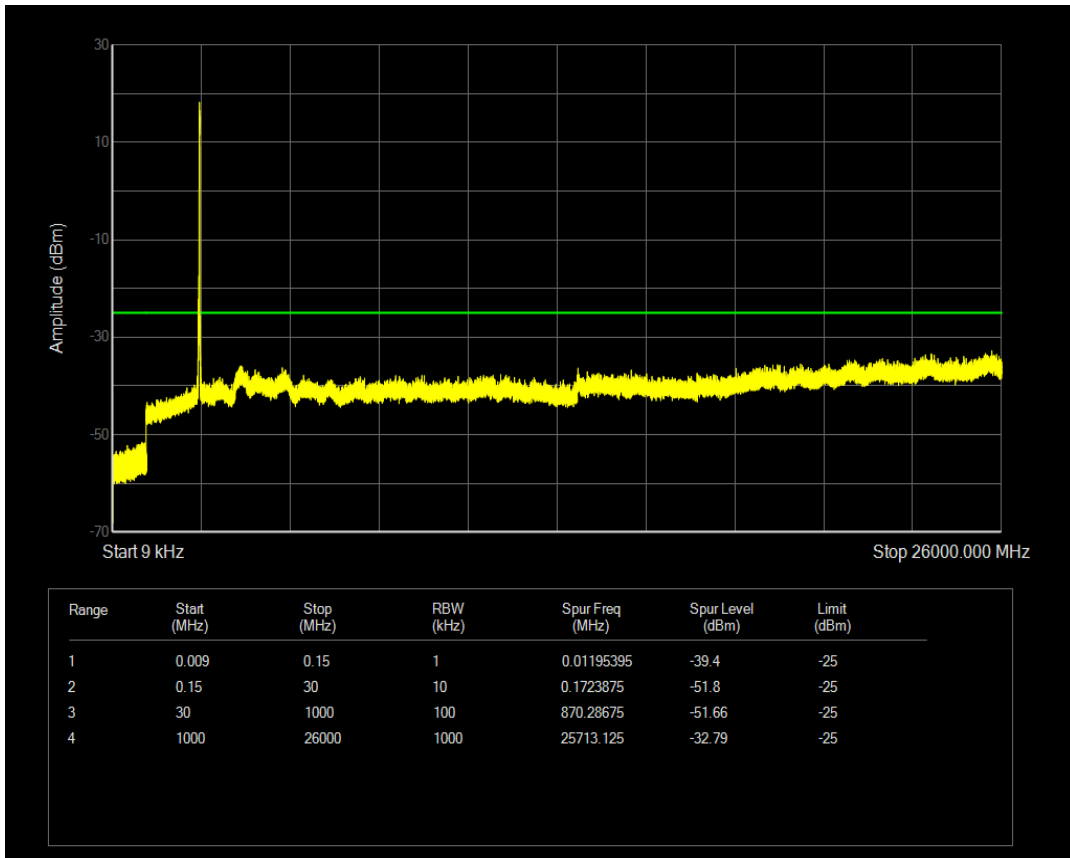
n7 SCS=30kHz DFT_QPSK BW=20MHz Channel=507000 RB=1@0



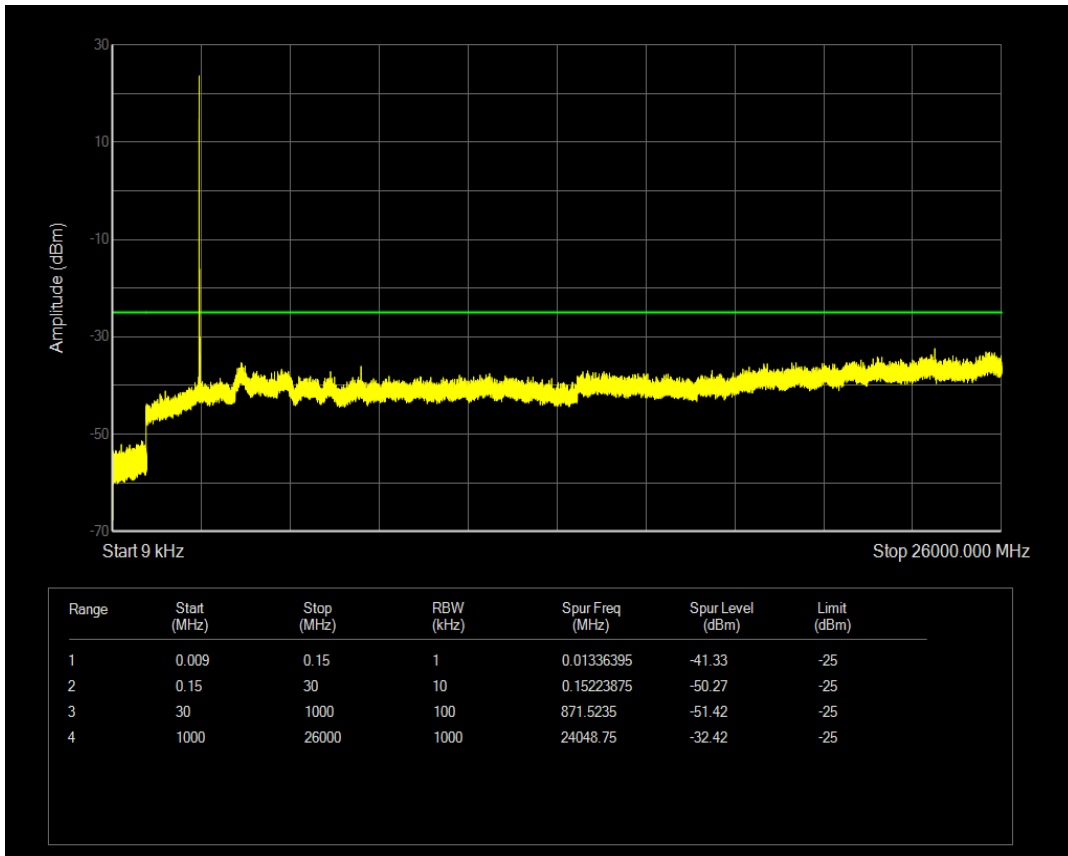
n7 SCS=30kHz DFT_QPSK BW=20MHz Channel=507000 RB=1@50



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

