

1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Fold EIRP (dBm)	unfold EIRP (dBm)	EIRP Limit (dBm)	Verdict
n7	30	10	501000	12@6	DFT_BPSK	23.99	19.84	22.19	33	PASS
n7	30	10	501000	1@1	DFT_BPSK	24.06	19.91	22.26	33	PASS
n7	30	10	501000	1@22	DFT_BPSK	23.96	19.81	22.16	33	PASS
n7	30	10	501000	12@6	DFT_QPSK	24.07	19.92	22.27	33	PASS
n7	30	10	501000	1@1	DFT_QPSK	23.86	19.71	22.06	33	PASS
n7	30	10	501000	1@22	DFT_QPSK	23.83	19.68	22.03	33	PASS
n7	30	10	501000	12@6	DFT_QAM16	23.08	18.93	21.28	33	PASS
n7	30	10	501000	1@1	DFT_QAM16	23.16	19.01	21.36	33	PASS
n7	30	10	501000	1@22	DFT_QAM16	23.38	19.23	21.58	33	PASS
n7	30	10	501000	12@6	DFT_QAM64	21.43	17.28	19.63	33	PASS
n7	30	10	501000	1@1	DFT_QAM64	21.27	17.12	19.47	33	PASS
n7	30	10	501000	1@22	DFT_QAM64	21.60	17.45	19.8	33	PASS
n7	30	10	501000	12@6	DFT_QAM256	19.84	15.69	18.04	33	PASS
n7	30	10	501000	1@1	DFT_QAM256	20.10	15.95	18.3	33	PASS
n7	30	10	501000	1@22	DFT_QAM256	19.78	15.63	17.98	33	PASS
n7	30	10	501000	12@6	CP_QPSK	22.68	18.53	20.88	33	PASS
n7	30	10	501000	1@1	CP_QPSK	22.39	18.24	20.59	33	PASS
n7	30	10	501000	1@22	CP_QPSK	22.37	18.22	20.57	33	PASS
n7	30	10	501000	12@6	CP_QAM16	22.12	17.97	20.32	33	PASS
n7	30	10	501000	1@1	CP_QAM16	22.87	18.72	21.07	33	PASS
n7	30	10	501000	1@22	CP_QAM16	22.69	18.54	20.89	33	PASS
n7	30	10	501000	12@6	CP_QAM64	20.62	16.47	18.82	33	PASS
n7	30	10	501000	1@1	CP_QAM64	20.20	16.05	18.4	33	PASS
n7	30	10	501000	1@22	CP_QAM64	20.18	16.03	18.38	33	PASS
n7	30	10	501000	12@6	CP_QAM256	17.22	13.07	15.42	33	PASS
n7	30	10	501000	1@1	CP_QAM256	17.87	13.72	16.07	33	PASS
n7	30	10	501000	1@22	CP_QAM256	17.51	13.36	15.71	33	PASS
n7	30	10	507000	12@6	DFT_BPSK	24.07	19.92	22.27	33	PASS
n7	30	10	507000	1@1	DFT_BPSK	24.03	19.88	22.23	33	PASS
n7	30	10	507000	1@22	DFT_BPSK	24.05	19.9	22.25	33	PASS
n7	30	10	507000	12@6	DFT_QPSK	24.10	19.95	22.3	33	PASS
n7	30	10	507000	1@1	DFT_QPSK	23.90	19.75	22.1	33	PASS
n7	30	10	507000	1@22	DFT_QPSK	24.00	19.85	22.2	33	PASS
n7	30	10	507000	12@6	DFT_QAM16	23.17	19.02	21.37	33	PASS
n7	30	10	507000	1@1	DFT_QAM16	23.57	19.42	21.77	33	PASS
n7	30	10	507000	1@22	DFT_QAM16	23.17	19.02	21.37	33	PASS
n7	30	10	507000	12@6	DFT_QAM64	21.48	17.33	19.68	33	PASS
n7	30	10	507000	1@1	DFT_QAM64	21.24	17.09	19.44	33	PASS

n7	30	10	507000	1@22	DFT_QAM64	21.34	17.19	19.54	33	PASS
n7	30	10	507000	12@6	DFT_QAM256	19.35	15.2	17.55	33	PASS
n7	30	10	507000	1@1	DFT_QAM256	19.99	15.84	18.19	33	PASS
n7	30	10	507000	1@22	DFT_QAM256	19.51	15.36	17.71	33	PASS
n7	30	10	507000	12@6	CP_QPSK	22.53	18.38	20.73	33	PASS
n7	30	10	507000	1@1	CP_QPSK	22.61	18.46	20.81	33	PASS
n7	30	10	507000	1@22	CP_QPSK	22.49	18.34	20.69	33	PASS
n7	30	10	507000	12@6	CP_QAM16	22.18	18.03	20.38	33	PASS
n7	30	10	507000	1@1	CP_QAM16	22.59	18.44	20.79	33	PASS
n7	30	10	507000	1@22	CP_QAM16	22.57	18.42	20.77	33	PASS
n7	30	10	507000	12@6	CP_QAM64	20.52	16.37	18.72	33	PASS
n7	30	10	507000	1@1	CP_QAM64	20.75	16.6	18.95	33	PASS
n7	30	10	507000	1@22	CP_QAM64	20.24	16.09	18.44	33	PASS
n7	30	10	507000	12@6	CP_QAM256	17.63	13.48	15.83	33	PASS
n7	30	10	507000	1@1	CP_QAM256	17.84	13.69	16.04	33	PASS
n7	30	10	507000	1@22	CP_QAM256	17.81	13.66	16.01	33	PASS
n7	30	10	513000	12@6	DFT_BPSK	24.04	19.89	22.24	33	PASS
n7	30	10	513000	1@1	DFT_BPSK	23.96	19.81	22.16	33	PASS
n7	30	10	513000	1@22	DFT_BPSK	24.04	19.89	22.24	33	PASS
n7	30	10	513000	12@6	DFT_QPSK	24.18	20.03	22.38	33	PASS
n7	30	10	513000	1@1	DFT_QPSK	23.90	19.75	22.1	33	PASS
n7	30	10	513000	1@22	DFT_QPSK	23.96	19.81	22.16	33	PASS
n7	30	10	513000	12@6	DFT_QAM16	23.20	19.05	21.4	33	PASS
n7	30	10	513000	1@1	DFT_QAM16	23.05	18.9	21.25	33	PASS
n7	30	10	513000	1@22	DFT_QAM16	23.50	19.35	21.7	33	PASS
n7	30	10	513000	12@6	DFT_QAM64	21.51	17.36	19.71	33	PASS
n7	30	10	513000	1@1	DFT_QAM64	21.44	17.29	19.64	33	PASS
n7	30	10	513000	1@22	DFT_QAM64	21.33	17.18	19.53	33	PASS
n7	30	10	513000	12@6	DFT_QAM256	19.58	15.43	17.78	33	PASS
n7	30	10	513000	1@1	DFT_QAM256	19.78	15.63	17.98	33	PASS
n7	30	10	513000	1@22	DFT_QAM256	19.79	15.64	17.99	33	PASS
n7	30	10	513000	12@6	CP_QPSK	23.05	18.9	21.25	33	PASS
n7	30	10	513000	1@1	CP_QPSK	23.14	18.99	21.34	33	PASS
n7	30	10	513000	1@22	CP_QPSK	23.07	18.92	21.27	33	PASS
n7	30	10	513000	12@6	CP_QAM16	23.05	18.9	21.25	33	PASS
n7	30	10	513000	1@1	CP_QAM16	23.06	18.91	21.26	33	PASS
n7	30	10	513000	1@22	CP_QAM16	23.07	18.92	21.27	33	PASS
n7	30	10	513000	12@6	CP_QAM64	23.06	18.91	21.26	33	PASS
n7	30	10	513000	1@1	CP_QAM64	23.05	18.9	21.25	33	PASS
n7	30	10	513000	1@22	CP_QAM64	23.06	18.91	21.26	33	PASS
n7	30	10	513000	12@6	CP_QAM256	23.05	18.9	21.25	33	PASS
n7	30	10	513000	1@1	CP_QAM256	23.07	18.92	21.27	33	PASS
n7	30	10	513000	1@22	CP_QAM256	23.05	18.9	21.25	33	PASS
n7	30	15	501500	18@9	DFT_BPSK	24.02	19.87	22.22	33	PASS

n7	30	15	501500	1@1	DFT_BPSK	23.96	19.81	22.16	33	PASS
n7	30	15	501500	1@36	DFT_BPSK	23.81	19.66	22.01	33	PASS
n7	30	15	501500	18@9	DFT_QPSK	24.00	19.85	22.2	33	PASS
n7	30	15	501500	1@1	DFT_QPSK	23.87	19.72	22.07	33	PASS
n7	30	15	501500	1@36	DFT_QPSK	23.83	19.68	22.03	33	PASS
n7	30	15	501500	18@9	DFT_QAM16	23.03	18.88	21.23	33	PASS
n7	30	15	501500	1@1	DFT_QAM16	23.07	18.92	21.27	33	PASS
n7	30	15	501500	1@36	DFT_QAM16	23.25	19.1	21.45	33	PASS
n7	30	15	501500	18@9	DFT_QAM64	21.33	17.18	19.53	33	PASS
n7	30	15	501500	1@1	DFT_QAM64	21.32	17.17	19.52	33	PASS
n7	30	15	501500	1@36	DFT_QAM64	21.05	16.9	19.25	33	PASS
n7	30	15	501500	18@9	DFT_QAM256	19.59	15.44	17.79	33	PASS
n7	30	15	501500	1@1	DFT_QAM256	19.80	15.65	18	33	PASS
n7	30	15	501500	1@36	DFT_QAM256	19.73	15.58	17.93	33	PASS
n7	30	15	501500	19@9	CP_QPSK	22.39	18.24	20.59	33	PASS
n7	30	15	501500	1@1	CP_QPSK	22.26	18.11	20.46	33	PASS
n7	30	15	501500	1@36	CP_QPSK	22.26	18.11	20.46	33	PASS
n7	30	15	501500	19@9	CP_QAM16	21.76	17.61	19.96	33	PASS
n7	30	15	501500	1@1	CP_QAM16	22.63	18.48	20.83	33	PASS
n7	30	15	501500	1@36	CP_QAM16	22.41	18.26	20.61	33	PASS
n7	30	15	501500	19@9	CP_QAM64	20.23	16.08	18.43	33	PASS
n7	30	15	501500	1@1	CP_QAM64	20.54	16.39	18.74	33	PASS
n7	30	15	501500	1@36	CP_QAM64	20.61	16.46	18.81	33	PASS
n7	30	15	501500	19@9	CP_QAM256	17.44	13.29	15.64	33	PASS
n7	30	15	501500	1@1	CP_QAM256	17.66	13.51	15.86	33	PASS
n7	30	15	501500	1@36	CP_QAM256	17.40	13.25	15.6	33	PASS
n7	30	15	507000	18@9	DFT_BPSK	23.81	19.66	22.01	33	PASS
n7	30	15	507000	1@1	DFT_BPSK	23.86	19.71	22.06	33	PASS
n7	30	15	507000	1@36	DFT_BPSK	23.86	19.71	22.06	33	PASS
n7	30	15	507000	18@9	DFT_QPSK	23.79	19.64	21.99	33	PASS
n7	30	15	507000	1@1	DFT_QPSK	23.67	19.52	21.87	33	PASS
n7	30	15	507000	1@36	DFT_QPSK	23.74	19.59	21.94	33	PASS
n7	30	15	507000	18@9	DFT_QAM16	22.90	18.75	21.1	33	PASS
n7	30	15	507000	1@1	DFT_QAM16	22.87	18.72	21.07	33	PASS
n7	30	15	507000	1@36	DFT_QAM16	22.86	18.71	21.06	33	PASS
n7	30	15	507000	18@9	DFT_QAM64	21.32	17.17	19.52	33	PASS
n7	30	15	507000	1@1	DFT_QAM64	21.27	17.12	19.47	33	PASS
n7	30	15	507000	1@36	DFT_QAM64	21.34	17.19	19.54	33	PASS
n7	30	15	507000	18@9	DFT_QAM256	19.43	15.28	17.63	33	PASS
n7	30	15	507000	1@1	DFT_QAM256	19.87	15.72	18.07	33	PASS
n7	30	15	507000	1@36	DFT_QAM256	19.89	15.74	18.09	33	PASS
n7	30	15	507000	19@9	CP_QPSK	22.35	18.2	20.55	33	PASS
n7	30	15	507000	1@1	CP_QPSK	22.26	18.11	20.46	33	PASS
n7	30	15	507000	1@36	CP_QPSK	22.19	18.04	20.39	33	PASS

n7	30	15	507000	19@9	CP_QAM16	21.73	17.58	19.93	33	PASS
n7	30	15	507000	1@1	CP_QAM16	22.29	18.14	20.49	33	PASS
n7	30	15	507000	1@36	CP_QAM16	22.47	18.32	20.67	33	PASS
n7	30	15	507000	19@9	CP_QAM64	20.28	16.13	18.48	33	PASS
n7	30	15	507000	1@1	CP_QAM64	20.54	16.39	18.74	33	PASS
n7	30	15	507000	1@36	CP_QAM64	20.02	15.87	18.22	33	PASS
n7	30	15	507000	19@9	CP_QAM256	17.25	13.1	15.45	33	PASS
n7	30	15	507000	1@1	CP_QAM256	17.67	13.52	15.87	33	PASS
n7	30	15	507000	1@36	CP_QAM256	17.63	13.48	15.83	33	PASS
n7	30	15	512500	18@9	DFT_BPSK	23.92	19.77	22.12	33	PASS
n7	30	15	512500	1@1	DFT_BPSK	23.77	19.62	21.97	33	PASS
n7	30	15	512500	1@36	DFT_BPSK	23.91	19.76	22.11	33	PASS
n7	30	15	512500	18@9	DFT_QPSK	23.93	19.78	22.13	33	PASS
n7	30	15	512500	1@1	DFT_QPSK	23.80	19.65	22	33	PASS
n7	30	15	512500	1@36	DFT_QPSK	23.75	19.6	21.95	33	PASS
n7	30	15	512500	18@9	DFT_QAM16	22.97	18.82	21.17	33	PASS
n7	30	15	512500	1@1	DFT_QAM16	23.27	19.12	21.47	33	PASS
n7	30	15	512500	1@36	DFT_QAM16	23.35	19.2	21.55	33	PASS
n7	30	15	512500	18@9	DFT_QAM64	21.45	17.3	19.65	33	PASS
n7	30	15	512500	1@1	DFT_QAM64	21.31	17.16	19.51	33	PASS
n7	30	15	512500	1@36	DFT_QAM64	21.30	17.15	19.5	33	PASS
n7	30	15	512500	18@9	DFT_QAM256	19.35	15.2	17.55	33	PASS
n7	30	15	512500	1@1	DFT_QAM256	19.60	15.45	17.8	33	PASS
n7	30	15	512500	1@36	DFT_QAM256	19.98	15.83	18.18	33	PASS
n7	30	15	512500	19@9	CP_QPSK	22.52	18.37	20.72	33	PASS
n7	30	15	512500	1@1	CP_QPSK	22.19	18.04	20.39	33	PASS
n7	30	15	512500	1@36	CP_QPSK	22.30	18.15	20.5	33	PASS
n7	30	15	512500	19@9	CP_QAM16	21.79	17.64	19.99	33	PASS
n7	30	15	512500	1@1	CP_QAM16	22.09	17.94	20.29	33	PASS
n7	30	15	512500	1@36	CP_QAM16	22.29	18.14	20.49	33	PASS
n7	30	15	512500	19@9	CP_QAM64	20.33	16.18	18.53	33	PASS
n7	30	15	512500	1@1	CP_QAM64	20.01	15.86	18.21	33	PASS
n7	30	15	512500	1@36	CP_QAM64	20.65	16.5	18.85	33	PASS
n7	30	15	512500	19@9	CP_QAM256	17.32	13.17	15.52	33	PASS
n7	30	15	512500	1@1	CP_QAM256	17.62	13.47	15.82	33	PASS
n7	30	15	512500	1@36	CP_QAM256	17.74	13.59	15.94	33	PASS
n7	30	20	502000	25@12	DFT_BPSK	23.83	19.68	22.03	33	PASS
n7	30	20	502000	1@1	DFT_BPSK	23.85	19.7	22.05	33	PASS
n7	30	20	502000	1@49	DFT_BPSK	23.74	19.59	21.94	33	PASS
n7	30	20	502000	25@12	DFT_QPSK	23.84	19.69	22.04	33	PASS
n7	30	20	502000	1@1	DFT_QPSK	23.71	19.56	21.91	33	PASS
n7	30	20	502000	1@49	DFT_QPSK	23.63	19.48	21.83	33	PASS
n7	30	20	502000	25@12	DFT_QAM16	22.90	18.75	21.1	33	PASS
n7	30	20	502000	1@1	DFT_QAM16	23.24	19.09	21.44	33	PASS

n7	30	20	502000	1@49	DFT_QAM16	22.85	18.7	21.05	33	PASS
n7	30	20	502000	25@12	DFT_QAM64	21.35	17.2	19.55	33	PASS
n7	30	20	502000	1@1	DFT_QAM64	21.31	17.16	19.51	33	PASS
n7	30	20	502000	1@49	DFT_QAM64	21.27	17.12	19.47	33	PASS
n7	30	20	502000	25@12	DFT_QAM256	19.18	15.03	17.38	33	PASS
n7	30	20	502000	1@1	DFT_QAM256	19.55	15.4	17.75	33	PASS
n7	30	20	502000	1@49	DFT_QAM256	19.52	15.37	17.72	33	PASS
n7	30	20	502000	25@12	CP_QPSK	22.36	18.21	20.56	33	PASS
n7	30	20	502000	1@1	CP_QPSK	22.26	18.11	20.46	33	PASS
n7	30	20	502000	1@49	CP_QPSK	22.13	17.98	20.33	33	PASS
n7	30	20	502000	25@12	CP_QAM16	21.83	17.68	20.03	33	PASS
n7	30	20	502000	1@1	CP_QAM16	22.43	18.28	20.63	33	PASS
n7	30	20	502000	1@49	CP_QAM16	22.13	17.98	20.33	33	PASS
n7	30	20	502000	25@12	CP_QAM64	20.33	16.18	18.53	33	PASS
n7	30	20	502000	1@1	CP_QAM64	20.04	15.89	18.24	33	PASS
n7	30	20	502000	1@49	CP_QAM64	19.90	15.75	18.1	33	PASS
n7	30	20	502000	25@12	CP_QAM256	17.53	13.38	15.73	33	PASS
n7	30	20	502000	1@1	CP_QAM256	17.80	13.65	16	33	PASS
n7	30	20	502000	1@49	CP_QAM256	17.33	13.18	15.53	33	PASS
n7	30	20	507000	25@12	DFT_BPSK	23.83	19.68	22.03	33	PASS
n7	30	20	507000	1@1	DFT_BPSK	23.82	19.67	22.02	33	PASS
n7	30	20	507000	1@49	DFT_BPSK	23.87	19.72	22.07	33	PASS
n7	30	20	507000	25@12	DFT_QPSK	23.90	19.75	22.1	33	PASS
n7	30	20	507000	1@1	DFT_QPSK	23.66	19.51	21.86	33	PASS
n7	30	20	507000	1@49	DFT_QPSK	23.87	19.72	22.07	33	PASS
n7	30	20	507000	25@12	DFT_QAM16	22.94	18.79	21.14	33	PASS
n7	30	20	507000	1@1	DFT_QAM16	23.20	19.05	21.4	33	PASS
n7	30	20	507000	1@49	DFT_QAM16	22.93	18.78	21.13	33	PASS
n7	30	20	507000	25@12	DFT_QAM64	21.29	17.14	19.49	33	PASS
n7	30	20	507000	1@1	DFT_QAM64	21.30	17.15	19.5	33	PASS
n7	30	20	507000	1@49	DFT_QAM64	21.19	17.04	19.39	33	PASS
n7	30	20	507000	25@12	DFT_QAM256	19.45	15.3	17.65	33	PASS
n7	30	20	507000	1@1	DFT_QAM256	19.60	15.45	17.8	33	PASS
n7	30	20	507000	1@49	DFT_QAM256	19.86	15.71	18.06	33	PASS
n7	30	20	507000	25@12	CP_QPSK	22.36	18.21	20.56	33	PASS
n7	30	20	507000	1@1	CP_QPSK	22.24	18.09	20.44	33	PASS
n7	30	20	507000	1@49	CP_QPSK	22.32	18.17	20.52	33	PASS
n7	30	20	507000	25@12	CP_QAM16	21.85	17.7	20.05	33	PASS
n7	30	20	507000	1@1	CP_QAM16	22.41	18.26	20.61	33	PASS
n7	30	20	507000	1@49	CP_QAM16	22.47	18.32	20.67	33	PASS
n7	30	20	507000	25@12	CP_QAM64	20.34	16.19	18.54	33	PASS
n7	30	20	507000	1@1	CP_QAM64	20.49	16.34	18.69	33	PASS
n7	30	20	507000	1@49	CP_QAM64	20.03	15.88	18.23	33	PASS
n7	30	20	507000	25@12	CP_QAM256	17.16	13.01	15.36	33	PASS

n7	30	20	507000	1@1	CP_QAM256	17.63	13.48	15.83	33	PASS
n7	30	20	507000	1@49	CP_QAM256	17.60	13.45	15.8	33	PASS
n7	30	20	512000	25@12	DFT_BPSK	23.96	19.81	22.16	33	PASS
n7	30	20	512000	1@1	DFT_BPSK	23.80	19.65	22	33	PASS
n7	30	20	512000	1@49	DFT_BPSK	23.82	19.67	22.02	33	PASS
n7	30	20	512000	25@12	DFT_QPSK	23.92	19.77	22.12	33	PASS
n7	30	20	512000	1@1	DFT_QPSK	23.78	19.63	21.98	33	PASS
n7	30	20	512000	1@49	DFT_QPSK	23.80	19.65	22	33	PASS
n7	30	20	512000	25@12	DFT_QAM16	23.00	18.85	21.2	33	PASS
n7	30	20	512000	1@1	DFT_QAM16	23.26	19.11	21.46	33	PASS
n7	30	20	512000	1@49	DFT_QAM16	23.32	19.17	21.52	33	PASS
n7	30	20	512000	25@12	DFT_QAM64	21.37	17.22	19.57	33	PASS
n7	30	20	512000	1@1	DFT_QAM64	21.37	17.22	19.57	33	PASS
n7	30	20	512000	1@49	DFT_QAM64	21.40	17.25	19.6	33	PASS
n7	30	20	512000	25@12	DFT_QAM256	19.32	15.17	17.52	33	PASS
n7	30	20	512000	1@1	DFT_QAM256	19.82	15.67	18.02	33	PASS
n7	30	20	512000	1@49	DFT_QAM256	19.72	15.57	17.92	33	PASS
n7	30	20	512000	25@12	CP_QPSK	22.53	18.38	20.73	33	PASS
n7	30	20	512000	1@1	CP_QPSK	22.11	17.96	20.31	33	PASS
n7	30	20	512000	1@49	CP_QPSK	22.34	18.19	20.54	33	PASS
n7	30	20	512000	25@12	CP_QAM16	21.84	17.69	20.04	33	PASS
n7	30	20	512000	1@1	CP_QAM16	22.35	18.2	20.55	33	PASS
n7	30	20	512000	1@49	CP_QAM16	22.58	18.43	20.78	33	PASS
n7	30	20	512000	25@12	CP_QAM64	20.42	16.27	18.62	33	PASS
n7	30	20	512000	1@1	CP_QAM64	20.59	16.44	18.79	33	PASS
n7	30	20	512000	1@49	CP_QAM64	20.59	16.44	18.79	33	PASS
n7	30	20	512000	25@12	CP_QAM256	17.14	12.99	15.34	33	PASS
n7	30	20	512000	1@1	CP_QAM256	17.57	13.42	15.77	33	PASS
n7	30	20	512000	1@49	CP_QAM256	17.76	13.61	15.96	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	50@25	DFT_BPSK	3.89	-9.27	0.00	Within authorized band for 5G NR n7	PASS
n7	30	20	507000	1@1	DFT_BPSK	3.45	-5.95	0.00		PASS
n7	30	20	507000	1@104	DFT_BPSK	4.48	-6.64	0.00		PASS
n7	30	20	507000	50@25	DFT_QPSK	3.89	-9.38	0.00		PASS
n7	30	20	507000	1@1	DFT_QPSK	3.45	-16.05	-0.01		PASS
n7	30	20	507000	1@104	DFT_QPSK	4.48	-7.76	0.00		PASS

Note: Only the worst case shown in the report.

NV:

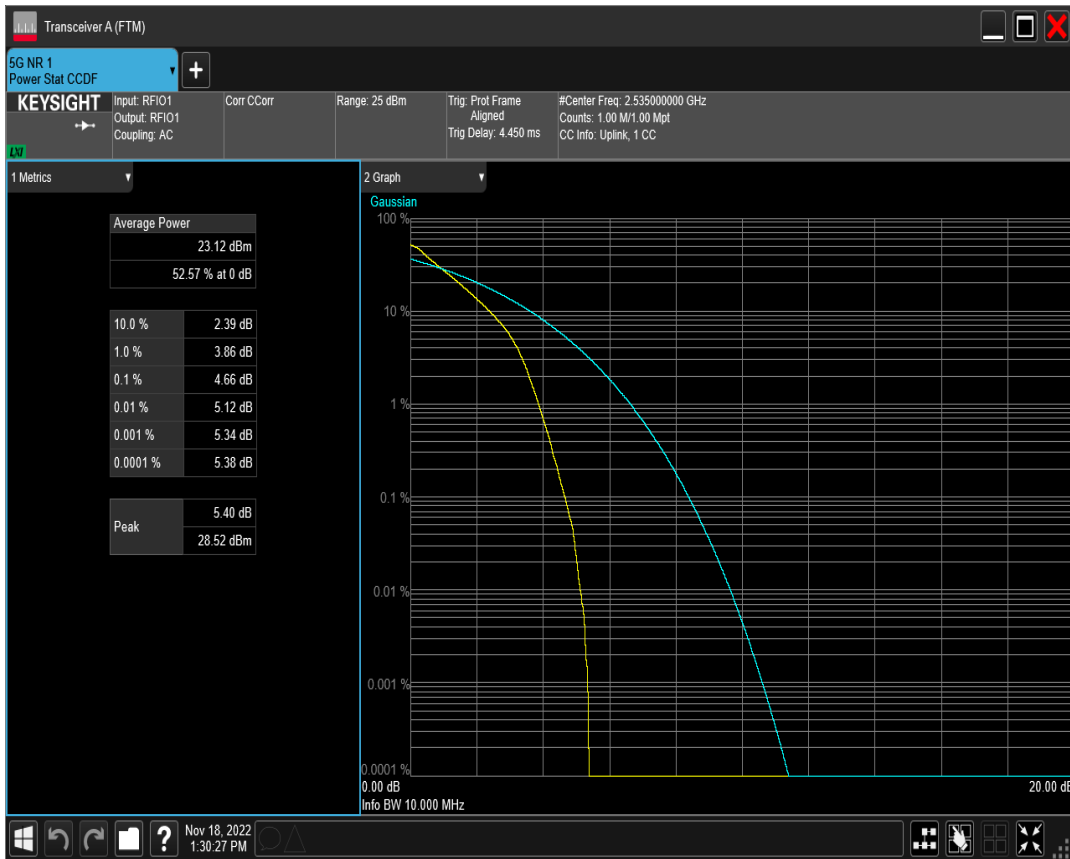
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Temperature(°C)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n7	30	20	167300	25@12	DFT_BPSK	-30	-2.77	0.00	Within authorized band for 5G NR n7	PASS
n7	30	20	167300	25@12	DFT_BPSK	-20	-1.4	0.00		PASS
n7	30	20	167300	25@12	DFT_BPSK	-10	-4.96	0.00		PASS
n7	30	20	167300	25@12	DFT_BPSK	0	-3.39	0.00		PASS
n7	30	20	167300	25@12	DFT_BPSK	10	-4.45	0.00		PASS
n7	30	20	167300	25@12	DFT_BPSK	20	-3.88	0.00		PASS
n7	30	20	167300	25@12	DFT_BPSK	30	-6.18	0.00		PASS
n7	30	20	167300	25@12	DFT_BPSK	40	-4.27	0.00		PASS
n7	30	20	167300	25@12	DFT_BPSK	50	-5.2	0.00		PASS
n7	30	20	167300	25@12	DFT_QPSK	-30	-4.31	0.00		PASS
n7	30	20	167300	25@12	DFT_QPSK	-20	-3.19	0.00		PASS
n7	30	20	167300	25@12	DFT_QPSK	-10	-3.65	0.00		PASS
n7	30	20	167300	25@12	DFT_QPSK	0	-3.48	0.00		PASS
n7	30	20	167300	25@12	DFT_QPSK	10	-2.57	0.00		PASS
n7	30	20	167300	25@12	DFT_QPSK	20	-2.45	0.00		PASS
n7	30	20	167300	25@12	DFT_QPSK	30	-1.58	0.00		PASS
n7	30	20	167300	25@12	DFT_QPSK	40	-5.61	0.00	PASS	
n7	30	20	167300	25@12	DFT_QPSK	50	-3.17	0.00	PASS	

Note: Only the worst case shown in the report.

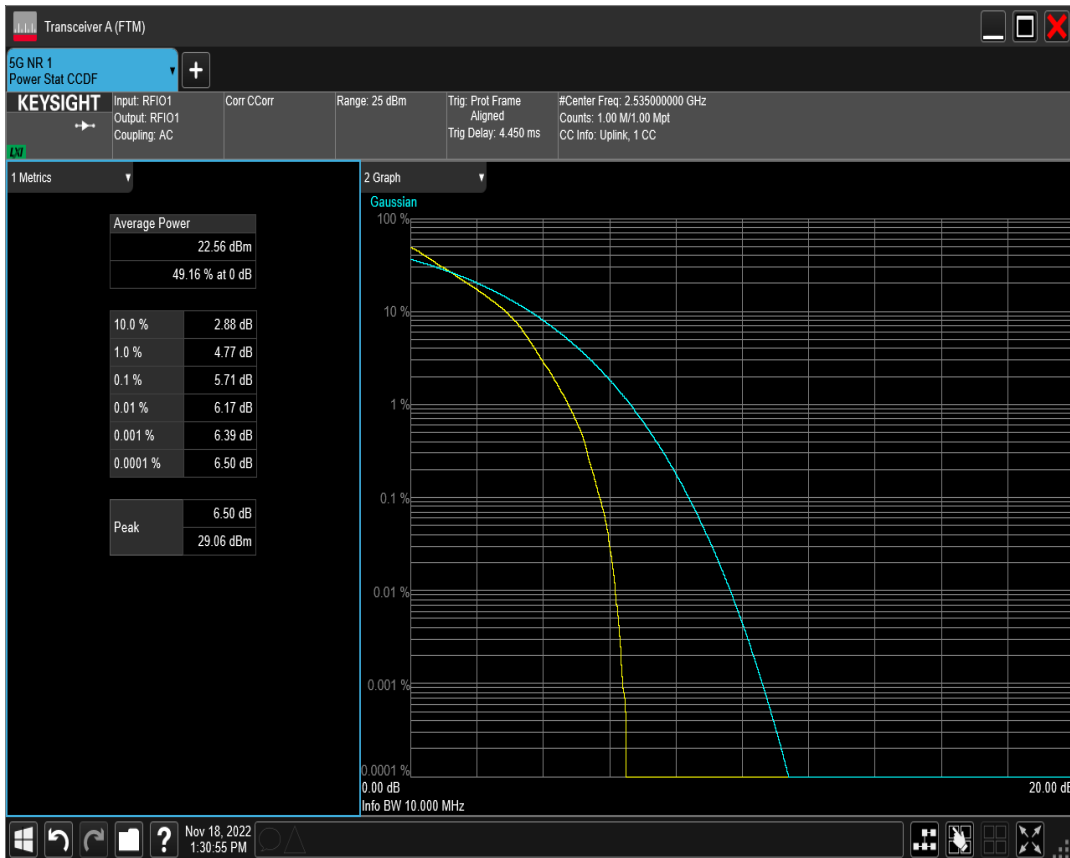
3 Peak-to-Average Ratio for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n7	30	10	507000	24@0	DFT_BPSK	4.66	13	PASS
n7	30	10	507000	24@0	DFT_QPSK	5.71	13	PASS
n7	30	10	507000	24@0	DFT_QAM16	6.46	13	PASS
n7	30	10	507000	24@0	DFT_QAM64	6.92	13	PASS
n7	30	10	507000	24@0	DFT_QAM256	7.36	13	PASS
n7	30	15	507000	36@0	DFT_BPSK	4.70	13	PASS
n7	30	15	507000	36@0	DFT_QPSK	5.83	13	PASS
n7	30	15	507000	36@0	DFT_QAM16	6.59	13	PASS
n7	30	15	507000	36@0	DFT_QAM64	6.98	13	PASS
n7	30	15	507000	36@0	DFT_QAM256	7.44	13	PASS
n7	30	20	507000	50@0	DFT_BPSK	4.66	13	PASS
n7	30	20	507000	50@0	DFT_QPSK	5.81	13	PASS
n7	30	20	507000	50@0	DFT_QAM16	6.74	13	PASS
n7	30	20	507000	50@0	DFT_QAM64	6.93	13	PASS
n7	30	20	507000	50@0	DFT_QAM256	7.46	13	PASS

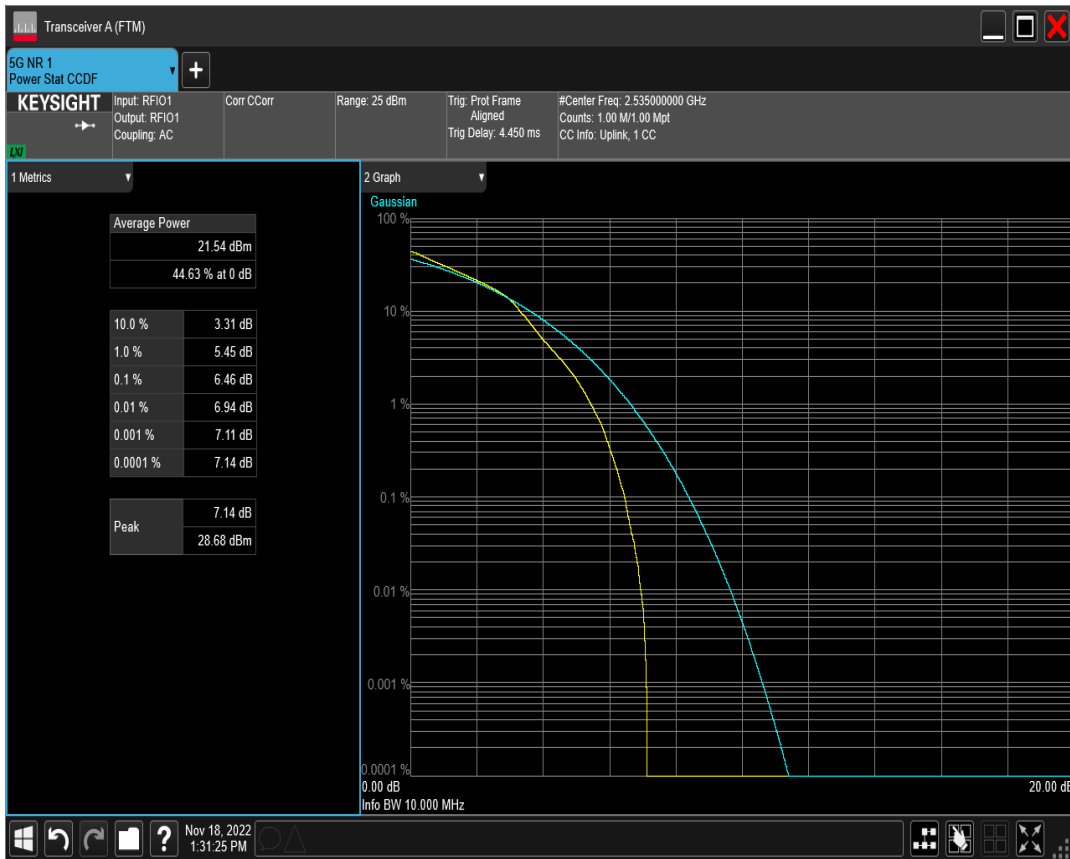
n7 SCS=30kHz DFT_BPSK BW=10MHz Channel=507000 RB=24@0



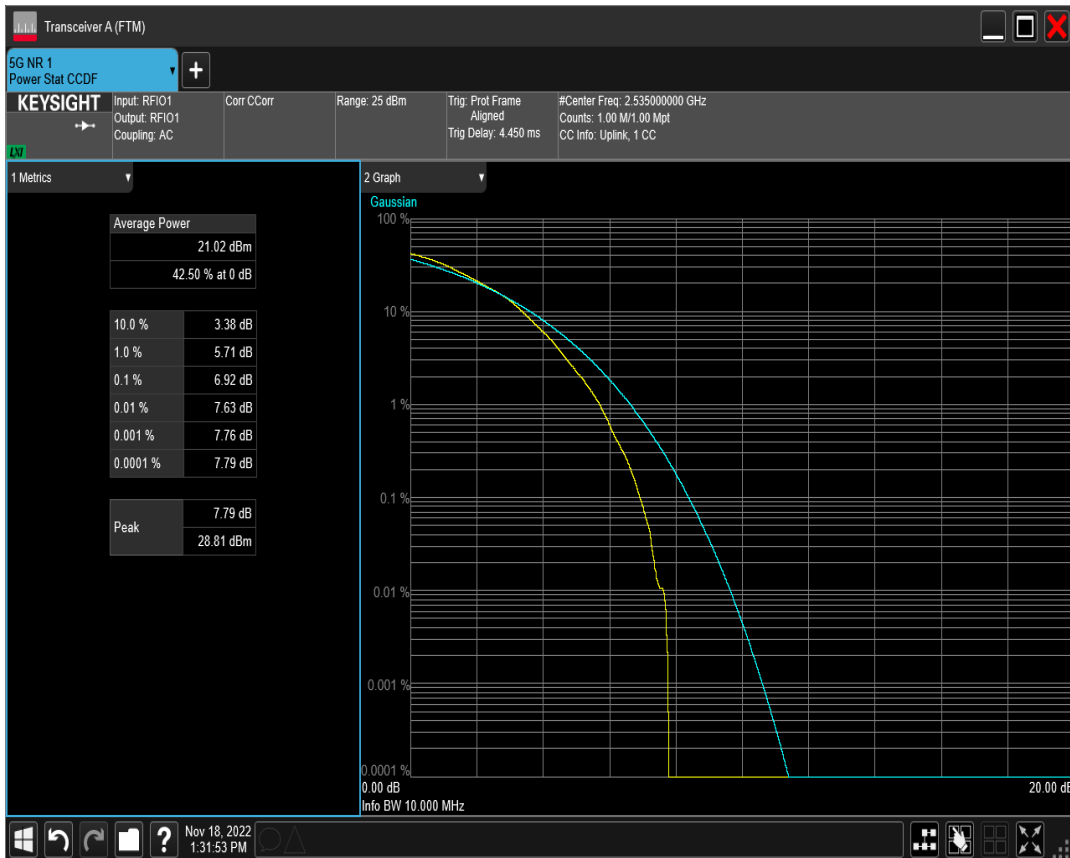
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=507000 RB=24@0



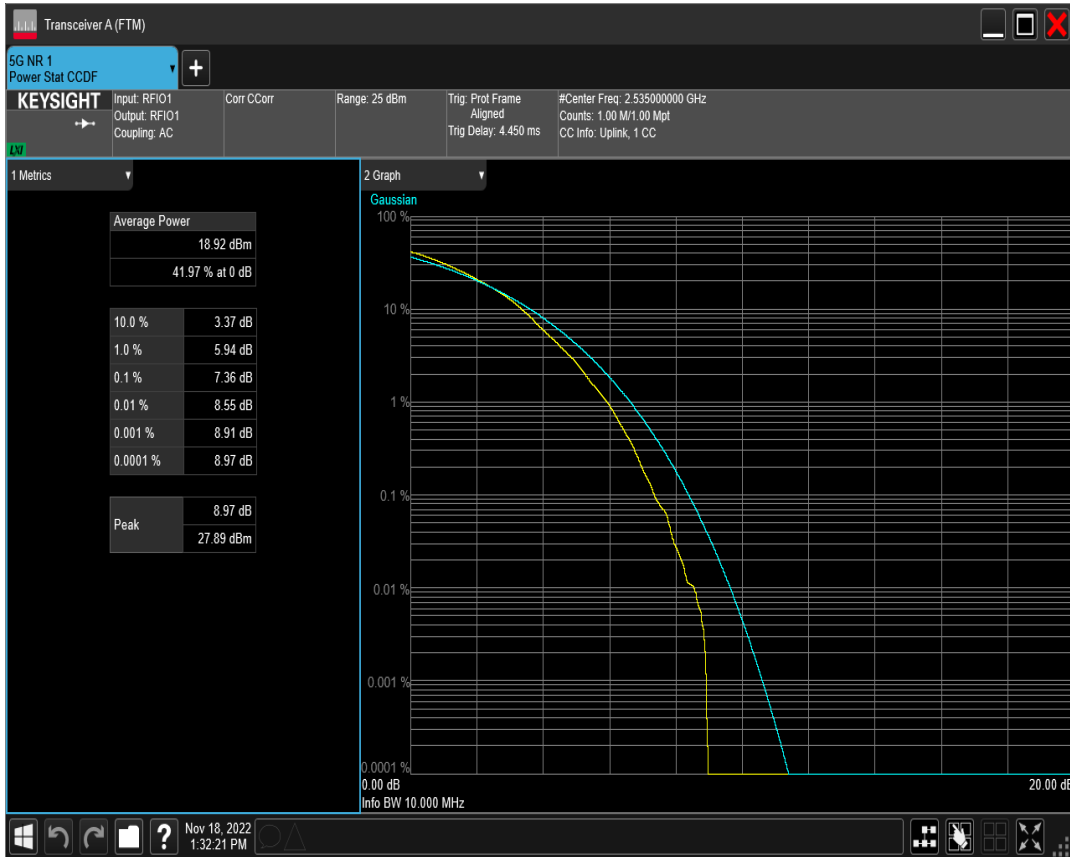
n7 SCS=30kHz DFT_QAM16 BW=10MHz Channel=507000 RB=24@0



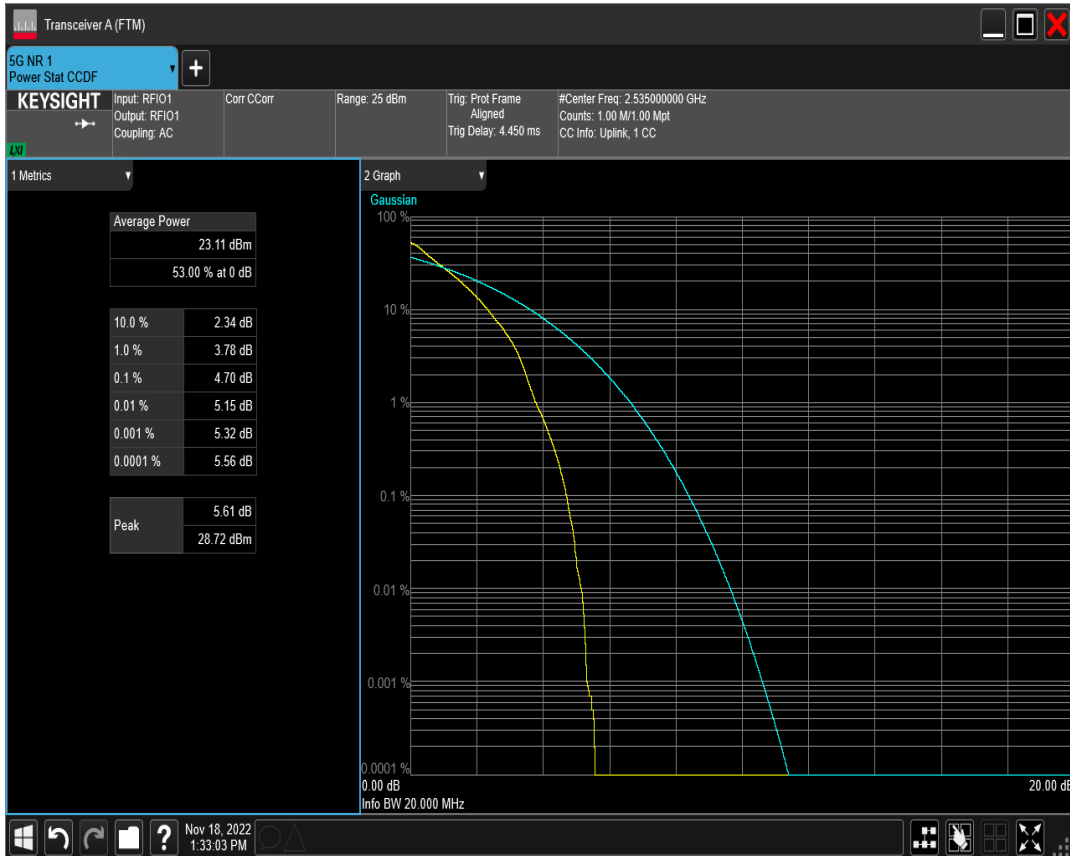
n7 SCS=30kHz DFT_QAM64 BW=10MHz Channel=507000 RB=24@0



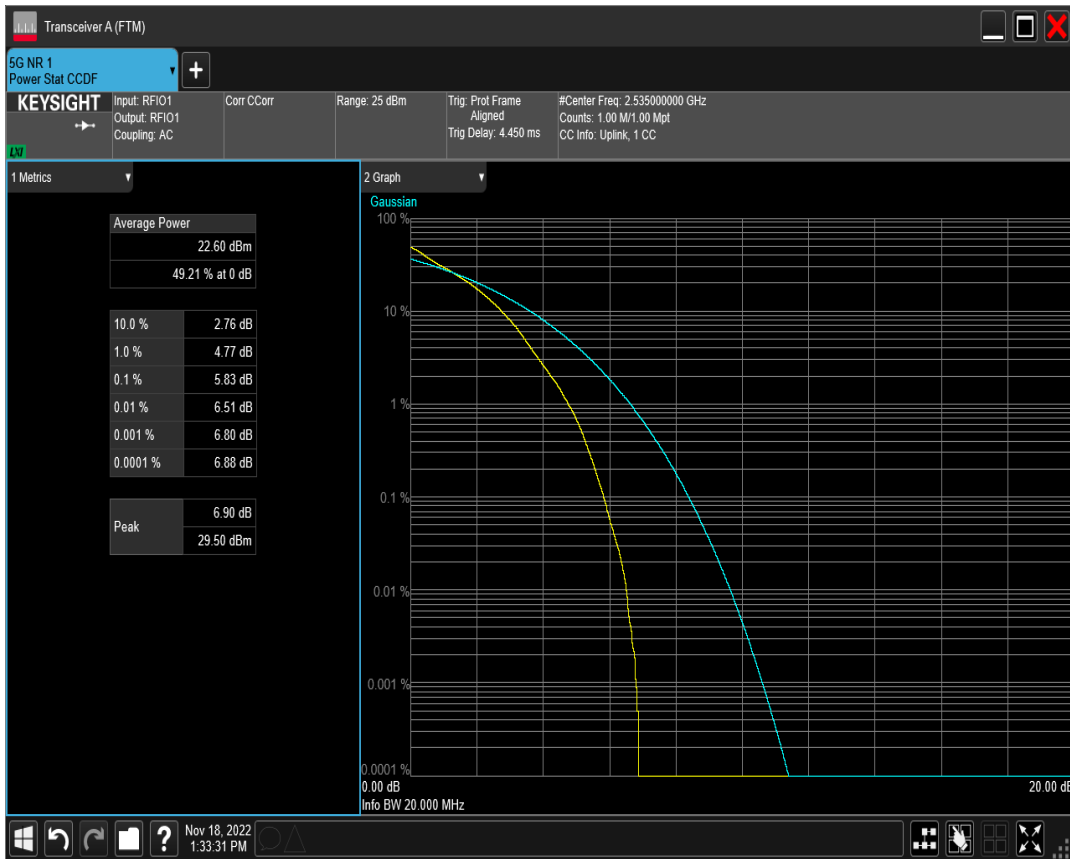
n7 SCS=30kHz DFT_QAM256 BW=10MHz Channel=507000 RB=24@0



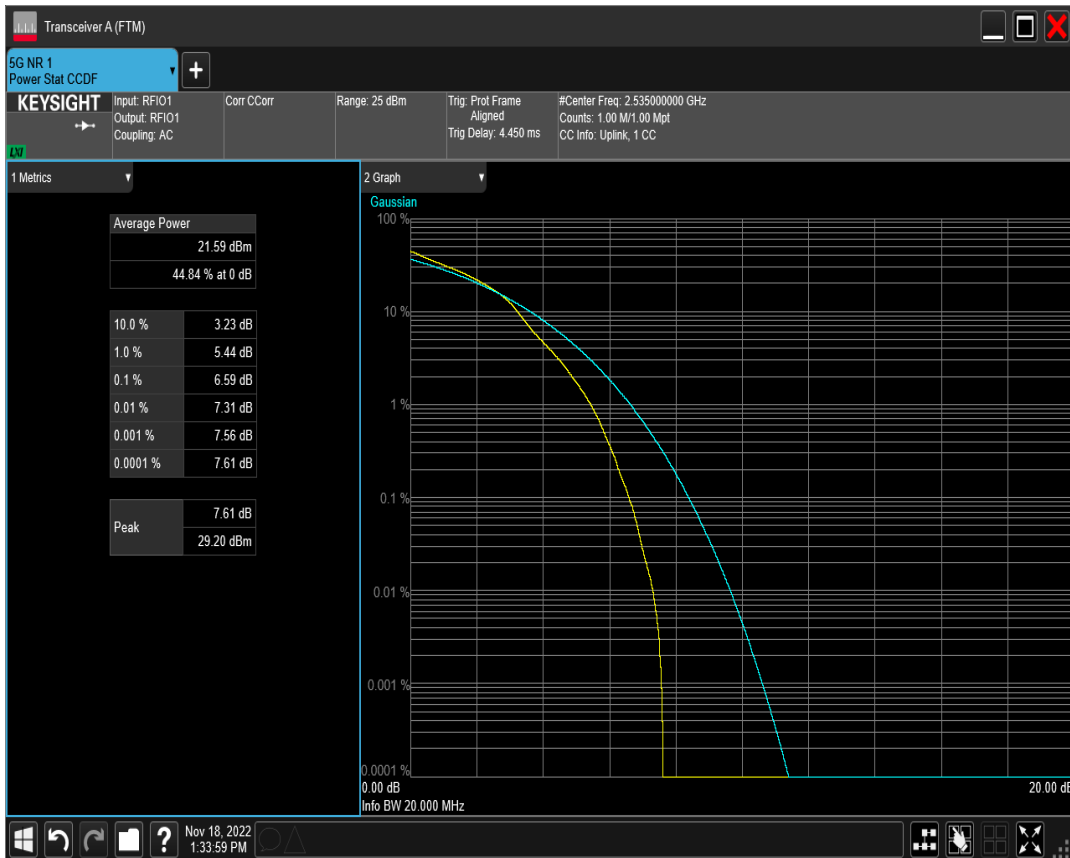
n7 SCS=30kHz DFT_BPSK BW=15MHz Channel=507000 RB=36@0



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



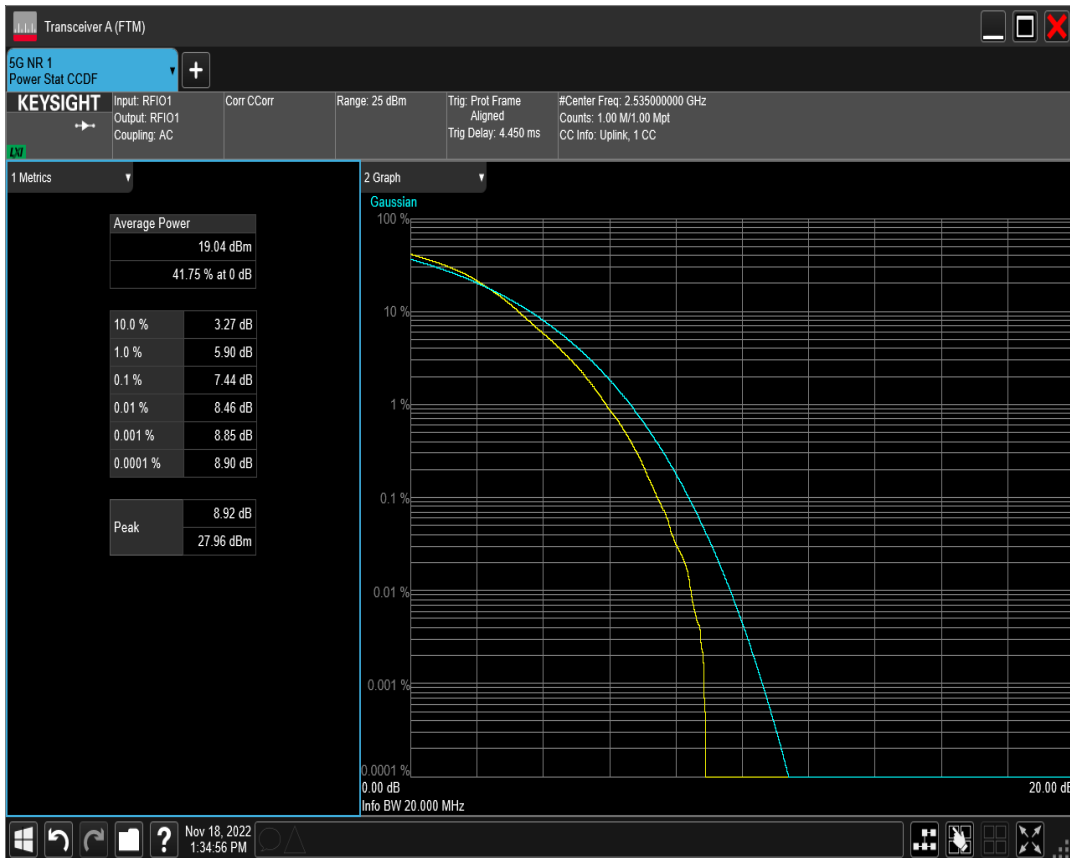
n7 SCS=30kHz DFT_QAM16 BW=15MHz Channel=507000 RB=36@0



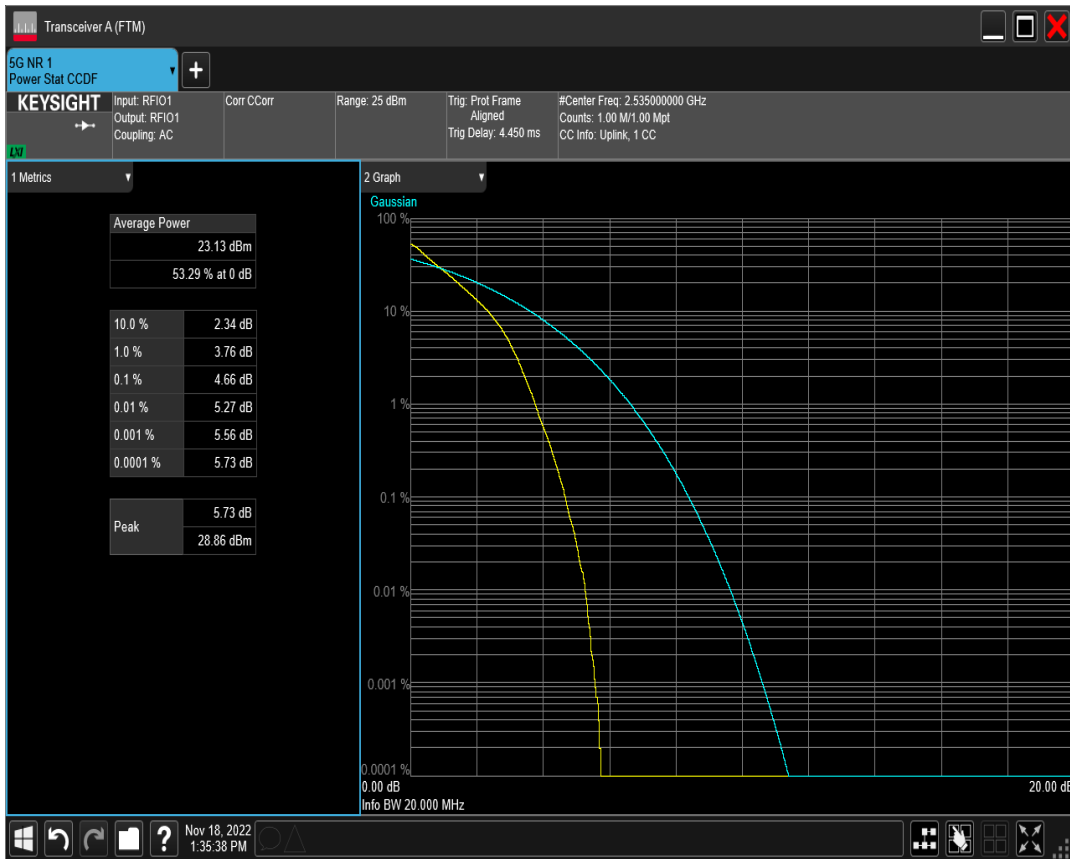
n7 SCS=30kHz DFT_QAM64 BW=15MHz Channel=507000 RB=36@0



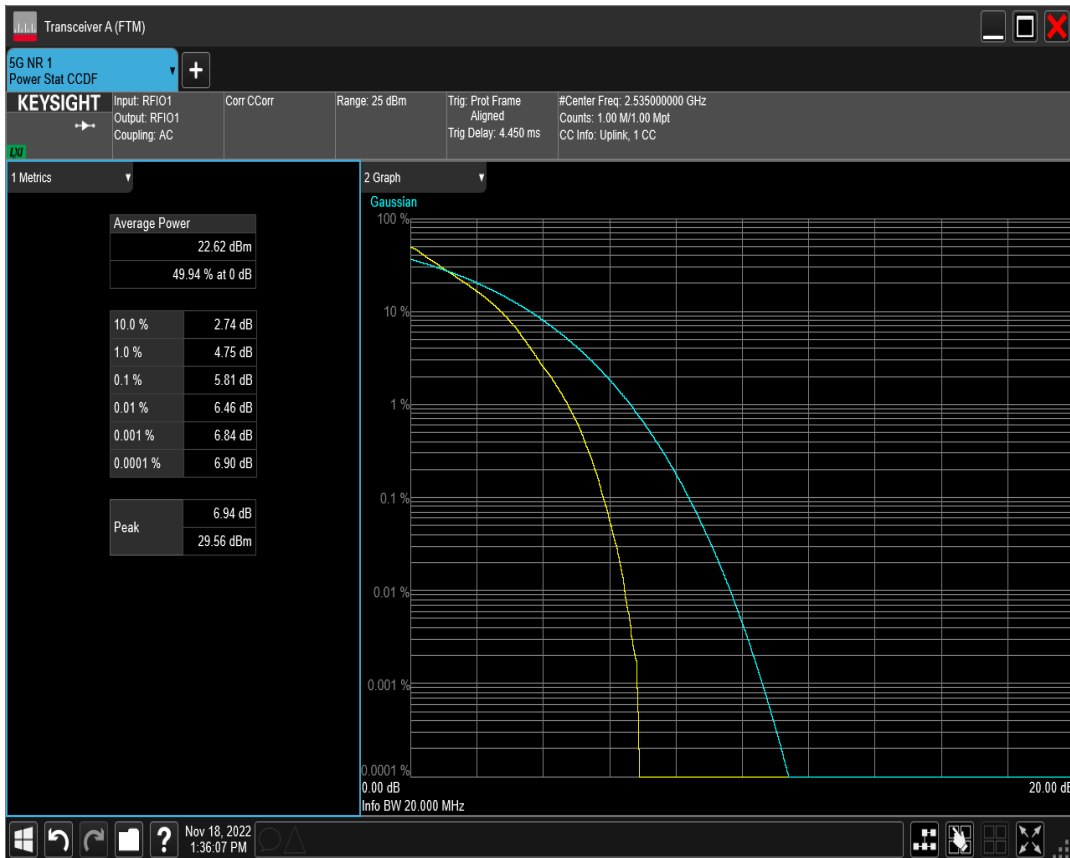
n7 SCS=30kHz DFT_QAM256 BW=15MHz Channel=507000 RB=36@0



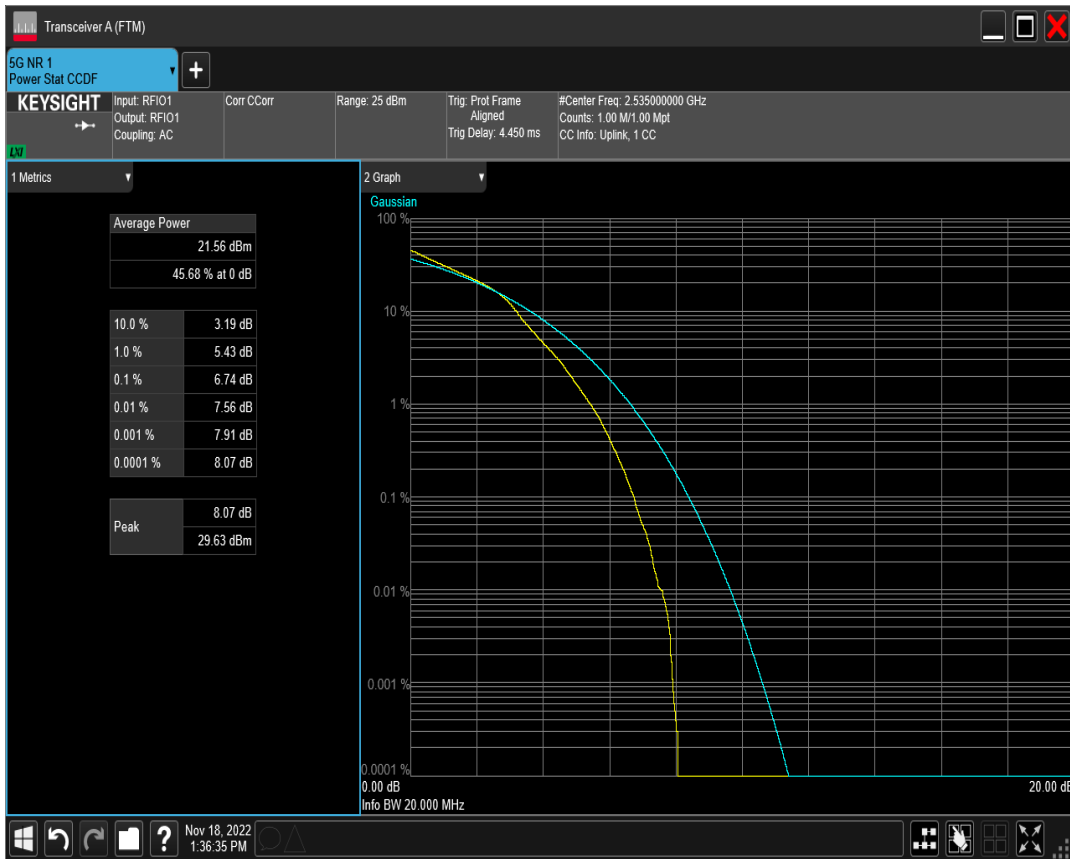
n7 SCS=30kHz DFT_BPSK BW=20MHz Channel=507000 RB=50@0



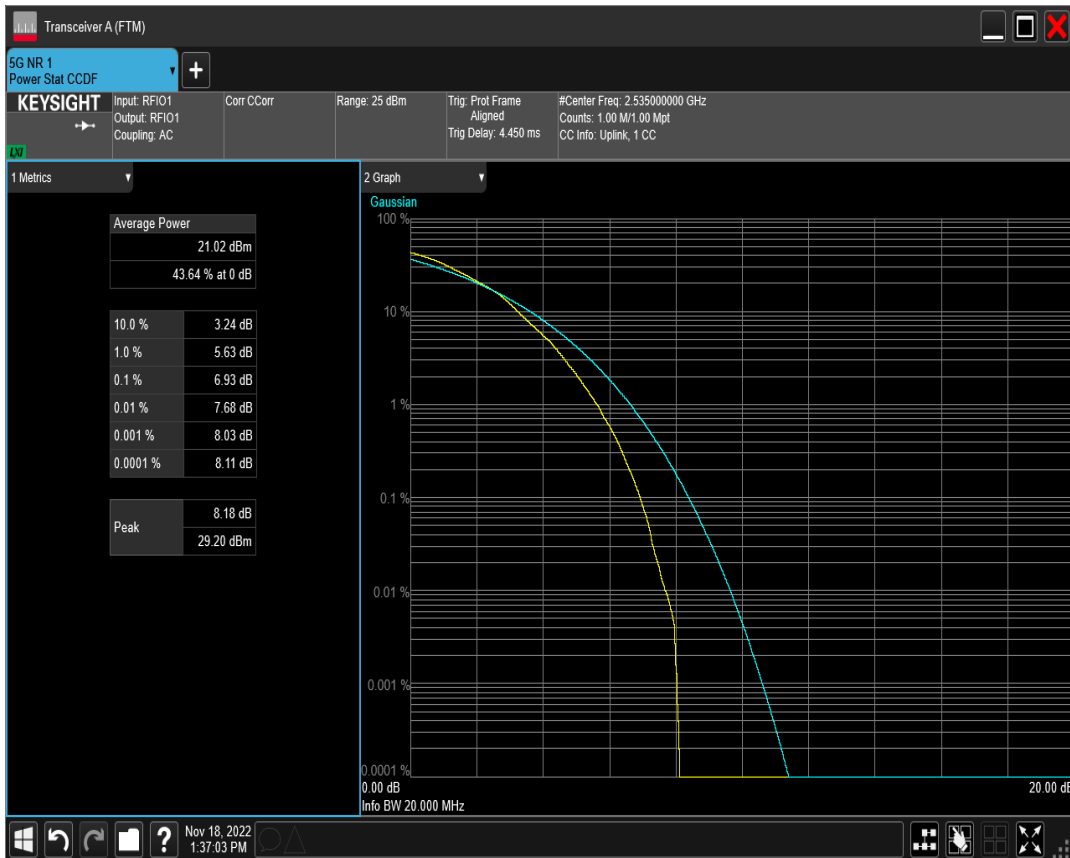
n7 SCS=30kHz DFT_QPSK BW=20MHz Channel=507000 RB=50@0



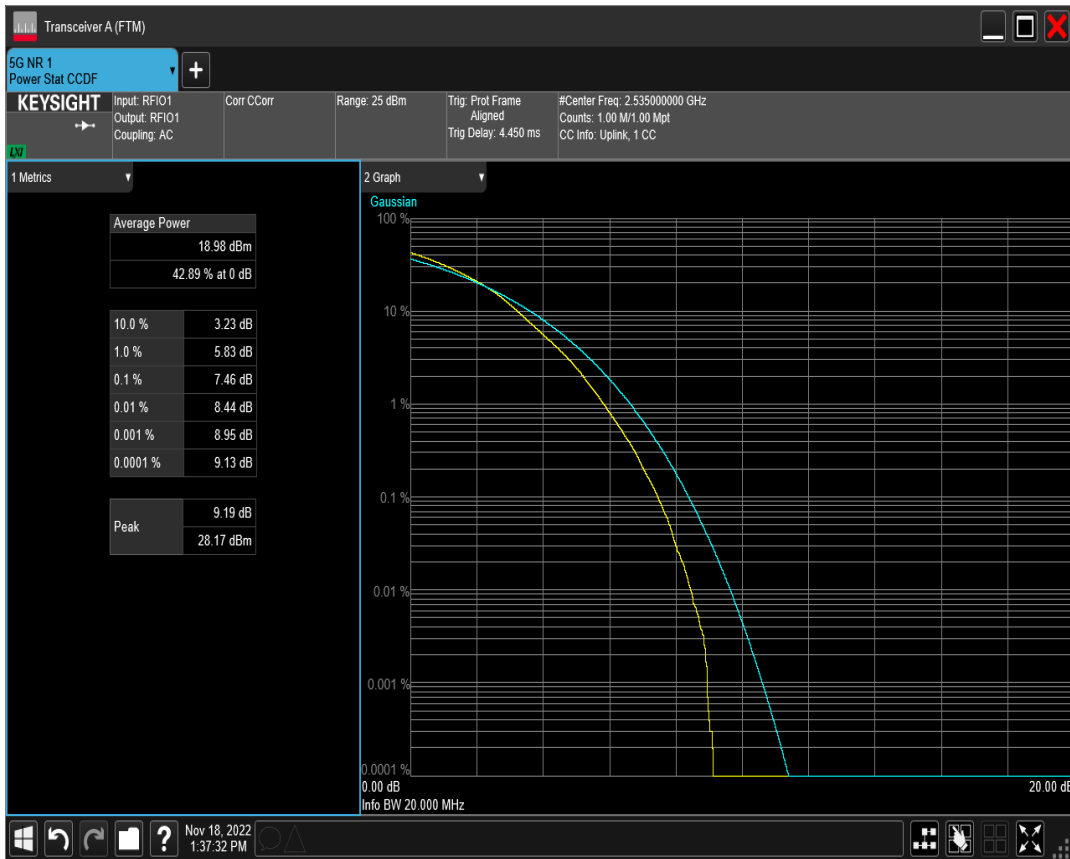
n7 SCS=30kHz DFT_QAM16 BW=20MHz Channel=507000 RB=50@0



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



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

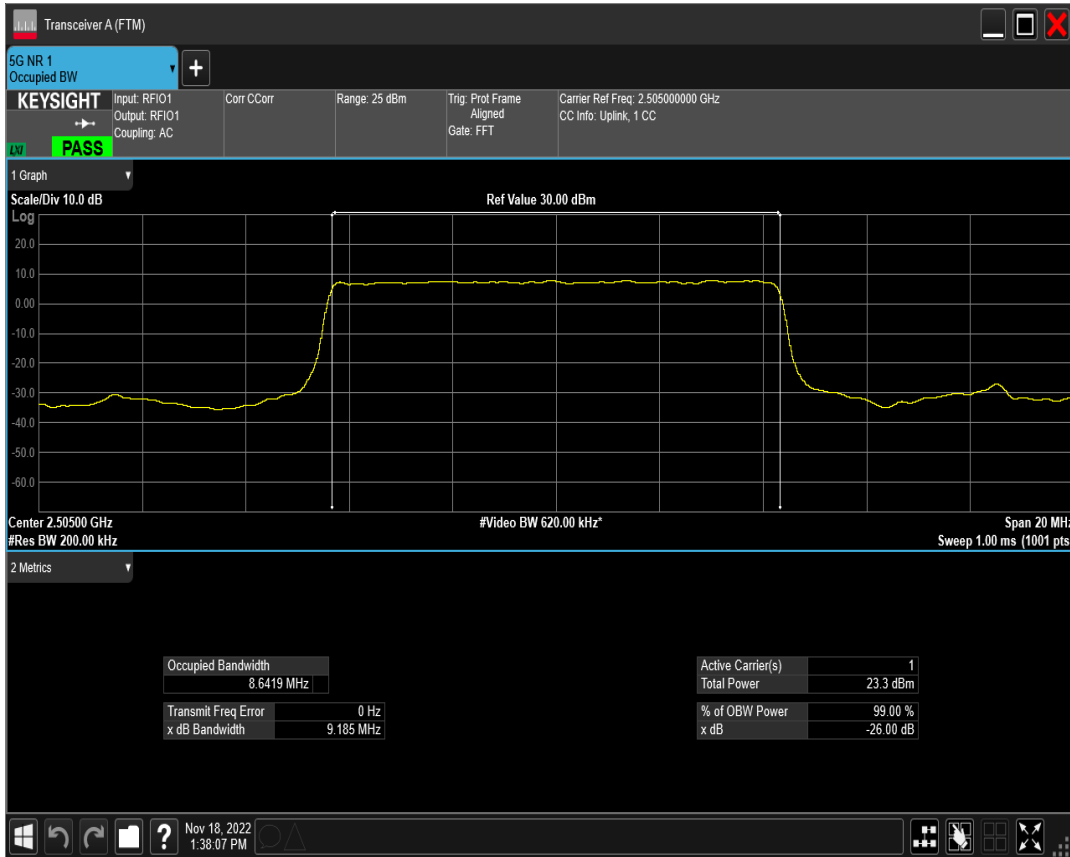


4 Occupied bandwidth for NR FR1

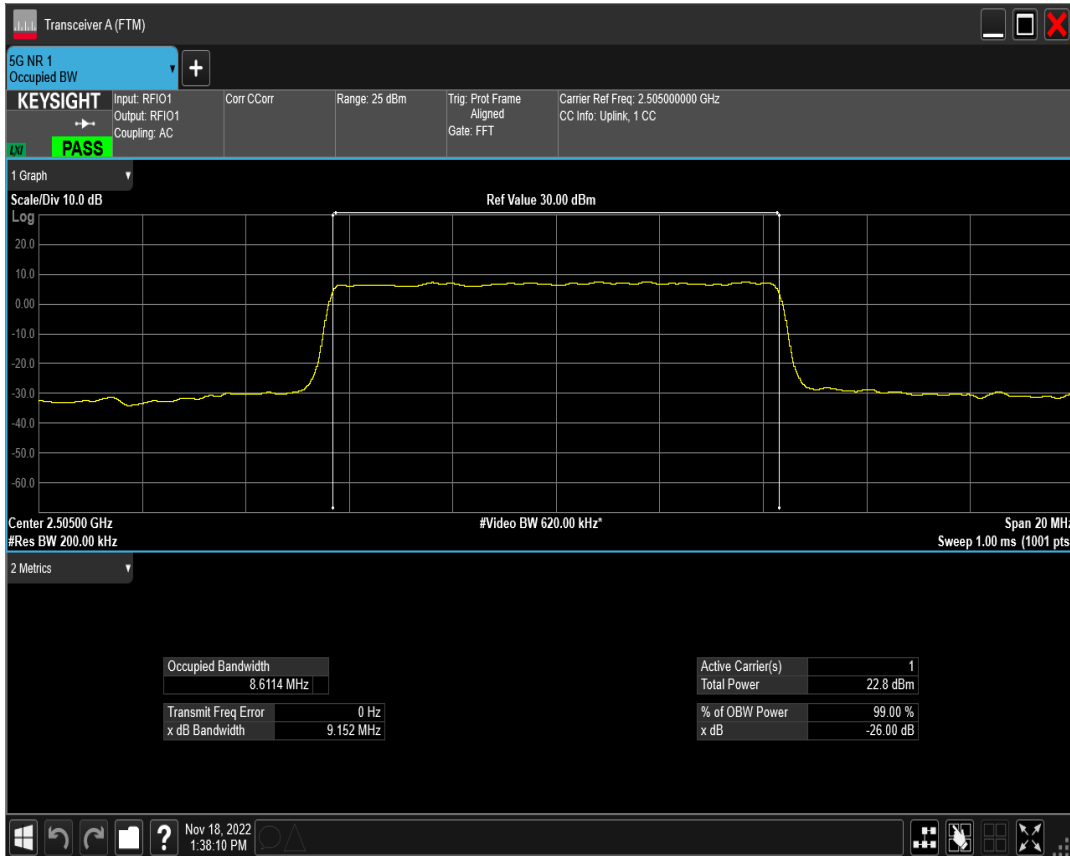
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n7	30	10	501000	24@0	DFT_BPSK	8.640	9.180	PASS
n7	30	10	501000	24@0	DFT_QPSK	8.610	9.150	PASS
n7	30	10	501000	24@0	DFT_QAM16	8.610	9.160	PASS
n7	30	10	501000	24@0	DFT_QAM64	8.620	9.150	PASS
n7	30	10	501000	24@0	DFT_QAM256	8.650	9.200	PASS
n7	30	10	501000	24@0	CP_QPSK	8.620	9.170	PASS
n7	30	10	507000	24@0	DFT_BPSK	8.640	9.190	PASS
n7	30	10	507000	24@0	DFT_QPSK	8.610	9.170	PASS
n7	30	10	507000	24@0	DFT_QAM16	8.610	9.160	PASS
n7	30	10	507000	24@0	DFT_QAM64	8.620	9.150	PASS
n7	30	10	507000	24@0	DFT_QAM256	8.650	9.200	PASS
n7	30	10	507000	24@0	CP_QPSK	8.640	9.200	PASS
n7	30	10	513000	24@0	DFT_BPSK	8.610	9.140	PASS
n7	30	10	513000	24@0	DFT_QPSK	8.620	9.140	PASS
n7	30	10	513000	24@0	DFT_QAM16	8.610	9.130	PASS
n7	30	10	513000	24@0	DFT_QAM64	8.640	9.170	PASS
n7	30	10	513000	24@0	DFT_QAM256	8.610	9.150	PASS
n7	30	10	513000	24@0	CP_QPSK	8.620	9.180	PASS
n7	30	15	501500	36@0	DFT_BPSK	13.460	13.690	PASS
n7	30	15	501500	36@0	DFT_QPSK	13.460	13.680	PASS
n7	30	15	501500	36@0	DFT_QAM16	13.510	13.710	PASS
n7	30	15	501500	36@0	DFT_QAM64	13.460	13.700	PASS
n7	30	15	501500	36@0	DFT_QAM256	13.510	13.700	PASS
n7	30	15	501500	38@0	CP_QPSK	13.640	14.450	PASS
n7	30	15	507000	36@0	DFT_BPSK	13.510	13.710	PASS
n7	30	15	507000	36@0	DFT_QPSK	13.510	13.680	PASS
n7	30	15	507000	36@0	DFT_QAM16	13.570	13.730	PASS
n7	30	15	507000	36@0	DFT_QAM64	13.510	13.700	PASS
n7	30	15	507000	36@0	DFT_QAM256	13.460	13.680	PASS
n7	30	15	507000	38@0	CP_QPSK	13.640	14.450	PASS
n7	30	15	512500	36@0	DFT_BPSK	13.560	13.690	PASS
n7	30	15	512500	36@0	DFT_QPSK	13.580	13.680	PASS
n7	30	15	512500	36@0	DFT_QAM16	13.580	13.720	PASS
n7	30	15	512500	36@0	DFT_QAM64	13.570	13.680	PASS
n7	30	15	512500	36@0	DFT_QAM256	13.570	13.680	PASS
n7	30	15	512500	38@0	CP_QPSK	13.650	14.430	PASS
n7	30	20	502000	50@0	DFT_BPSK	18.030	18.910	PASS
n7	30	20	502000	50@0	DFT_QPSK	18.110	18.910	PASS
n7	30	20	502000	50@0	DFT_QAM16	18.040	18.920	PASS
n7	30	20	502000	50@0	DFT_QAM64	18.020	18.910	PASS

n7	30	20	502000	50@0	DFT_QAM256	18.090	18.930	PASS
n7	30	20	502000	51@0	CP_QPSK	18.270	19.300	PASS
n7	30	20	507000	50@0	DFT_BPSK	18.110	18.920	PASS
n7	30	20	507000	50@0	DFT_QPSK	18.170	18.920	PASS
n7	30	20	507000	50@0	DFT_QAM16	18.180	18.940	PASS
n7	30	20	507000	50@0	DFT_QAM64	18.090	18.920	PASS
n7	30	20	507000	50@0	DFT_QAM256	18.160	18.940	PASS
n7	30	20	507000	51@0	CP_QPSK	18.320	19.300	PASS
n7	30	20	512000	50@0	DFT_BPSK	18.160	18.920	PASS
n7	30	20	512000	50@0	DFT_QPSK	18.190	18.890	PASS
n7	30	20	512000	50@0	DFT_QAM16	18.170	18.920	PASS
n7	30	20	512000	50@0	DFT_QAM64	18.170	18.920	PASS
n7	30	20	512000	50@0	DFT_QAM256	18.190	18.930	PASS
n7	30	20	512000	51@0	CP_QPSK	18.320	19.280	PASS

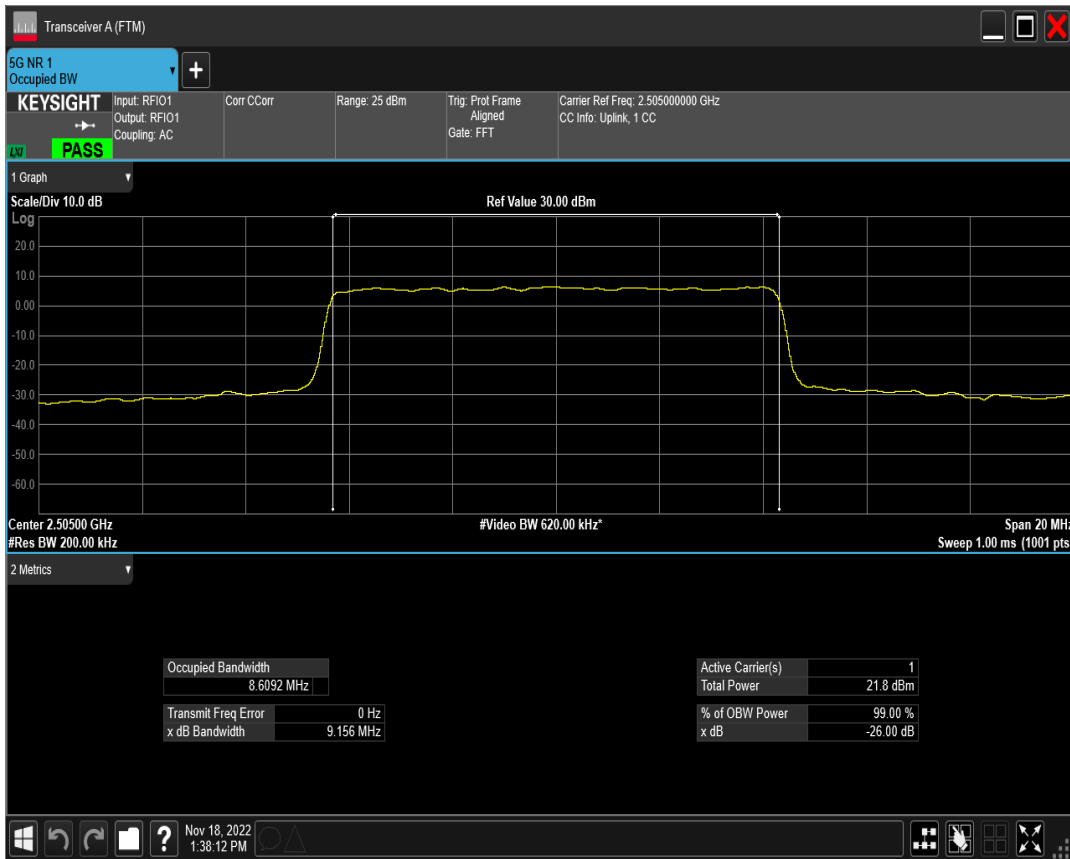
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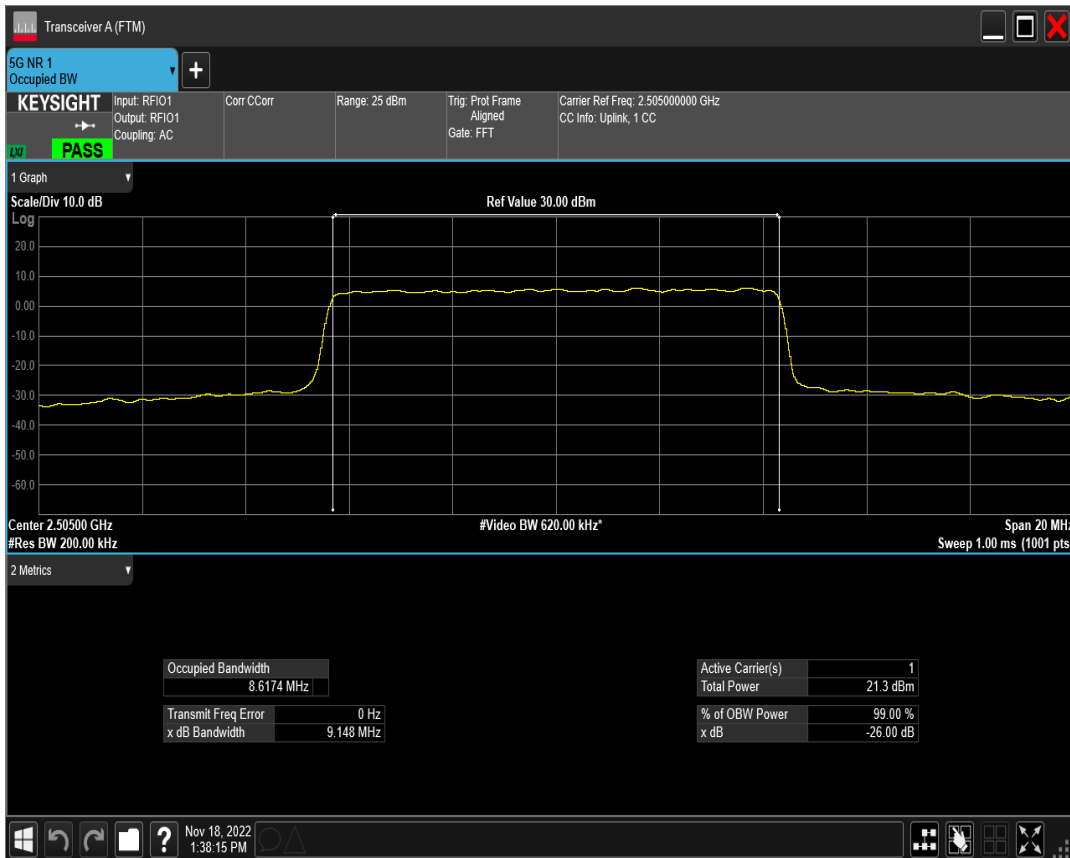
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=501000 RB=24@0



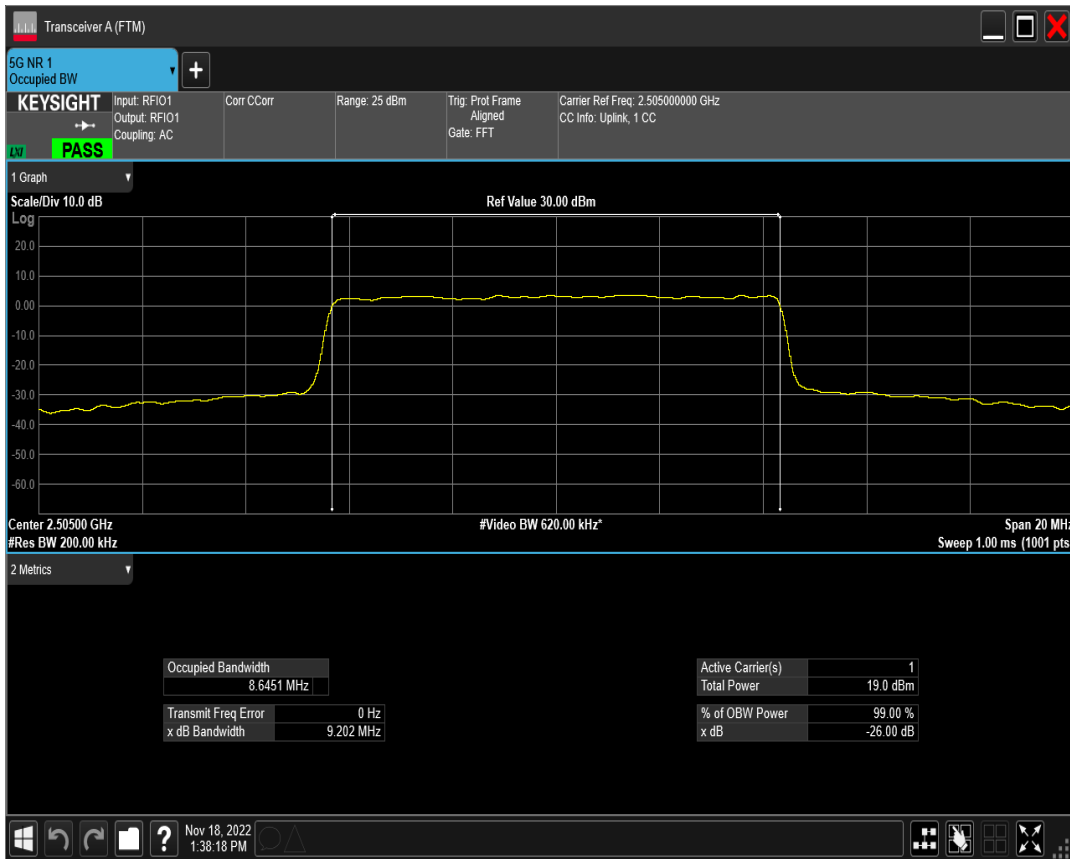
n7 SCS=30kHz DFT_QAM16 BW=10MHz Channel=501000 RB=24@0



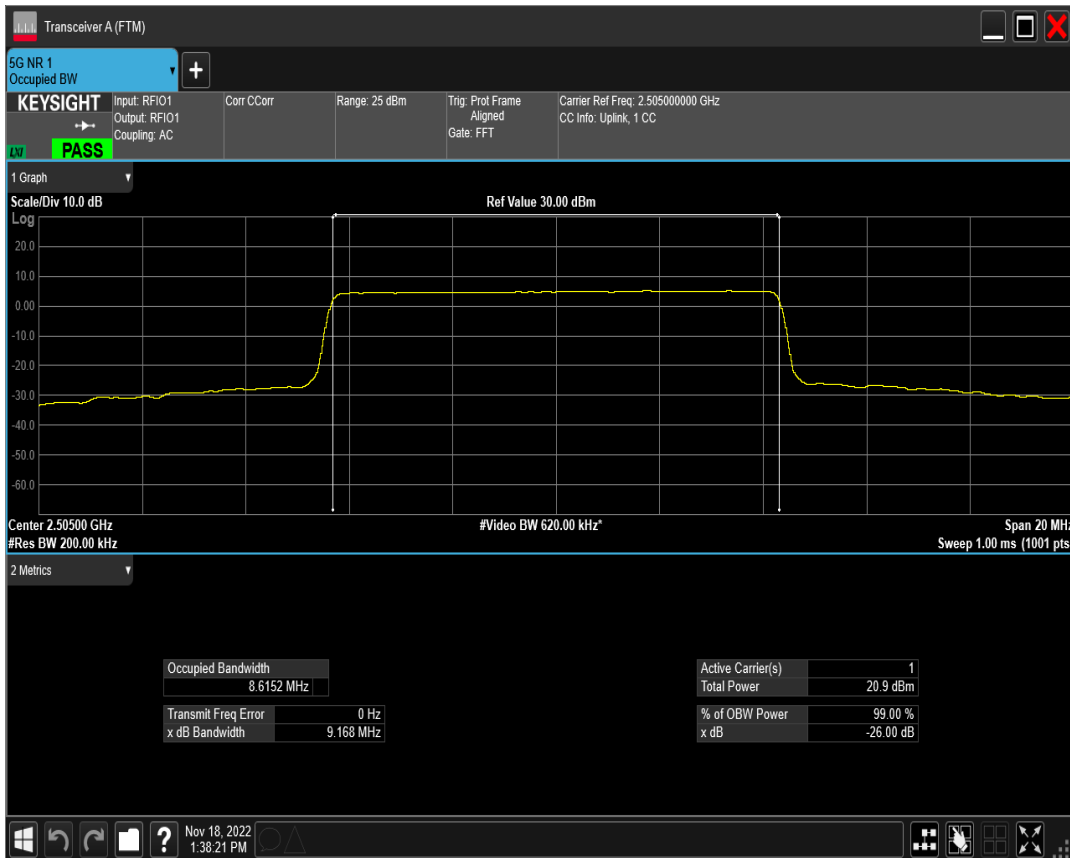
n7 SCS=30kHz DFT_QAM64 BW=10MHz Channel=501000 RB=24@0



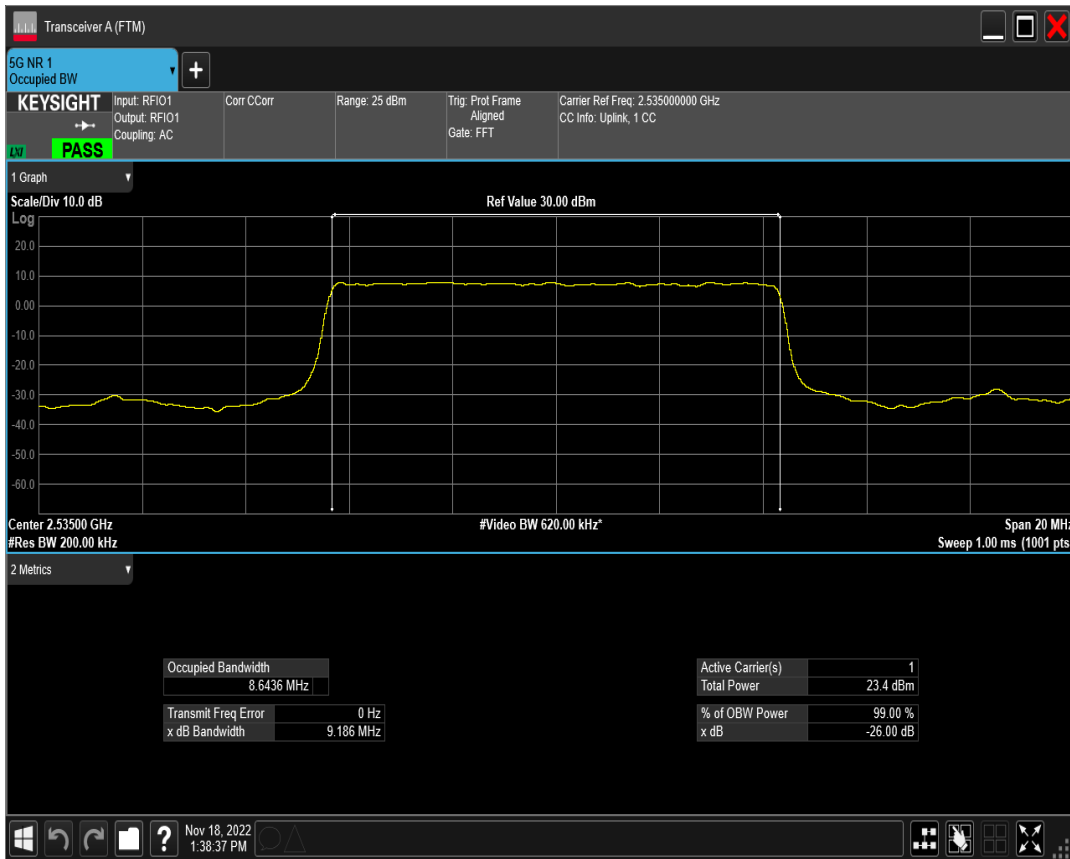
n7 SCS=30kHz DFT_QAM256 BW=10MHz Channel=501000 RB=24@0



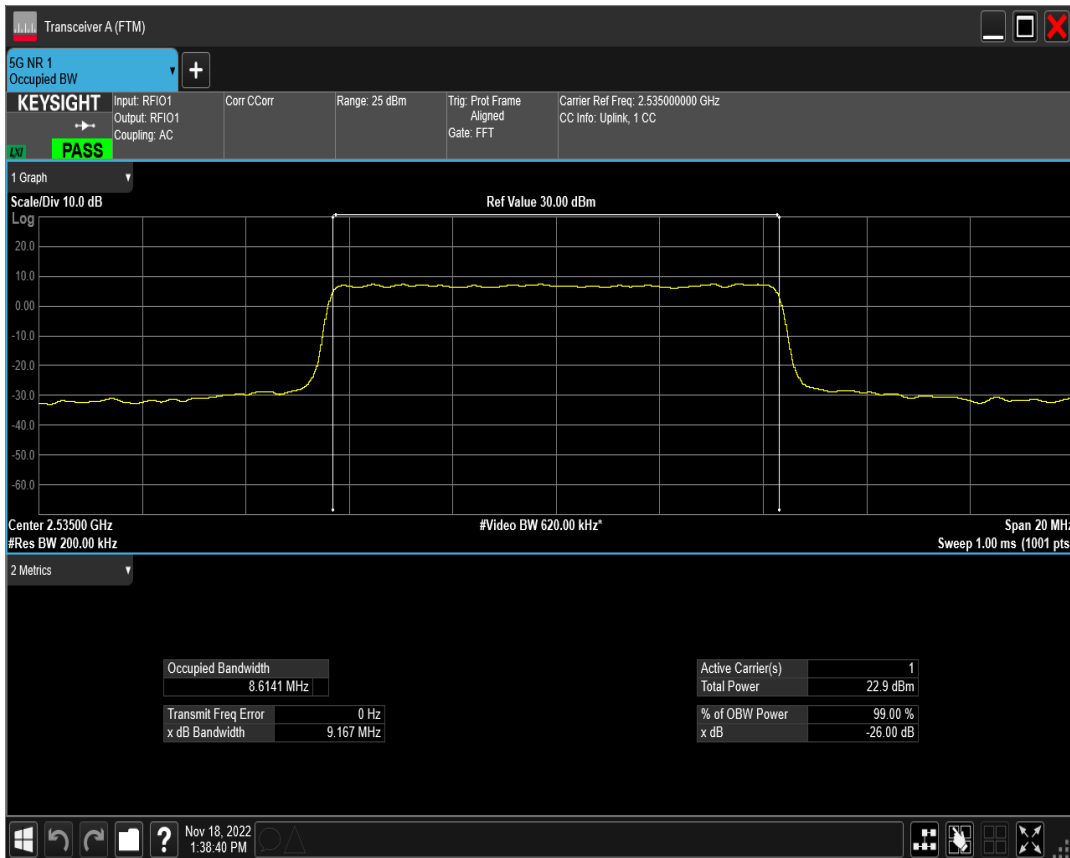
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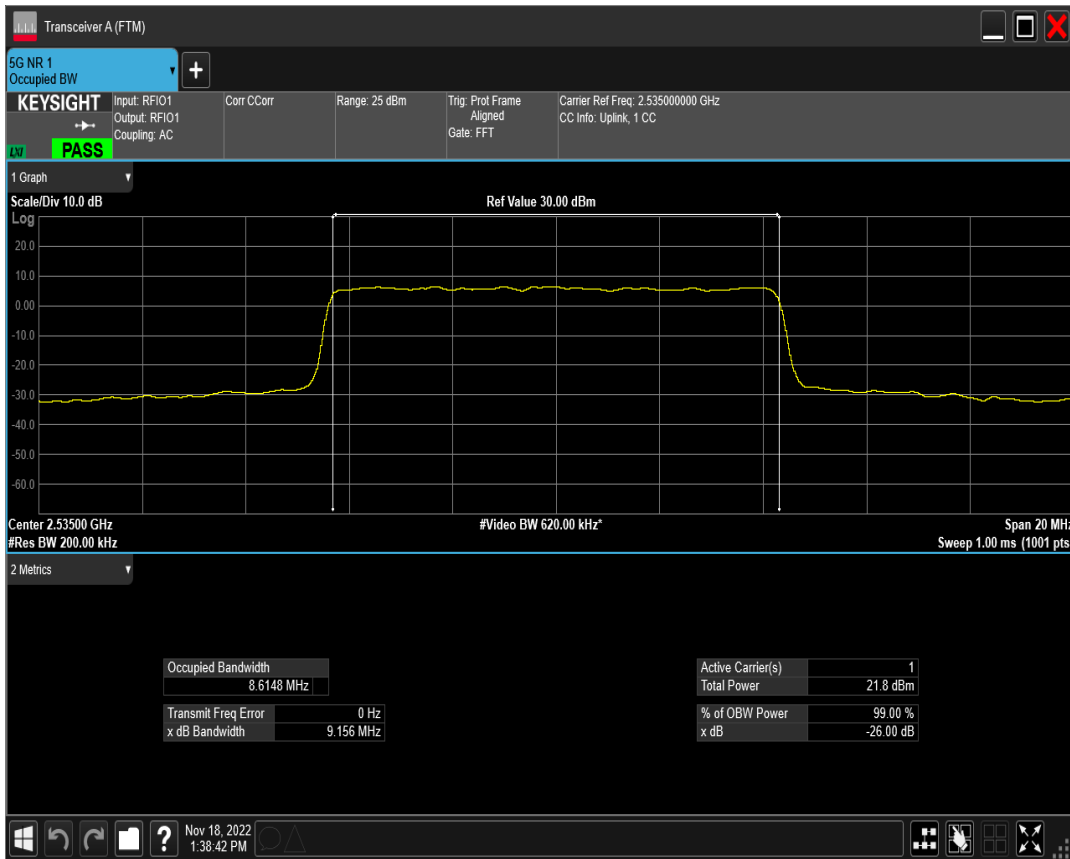
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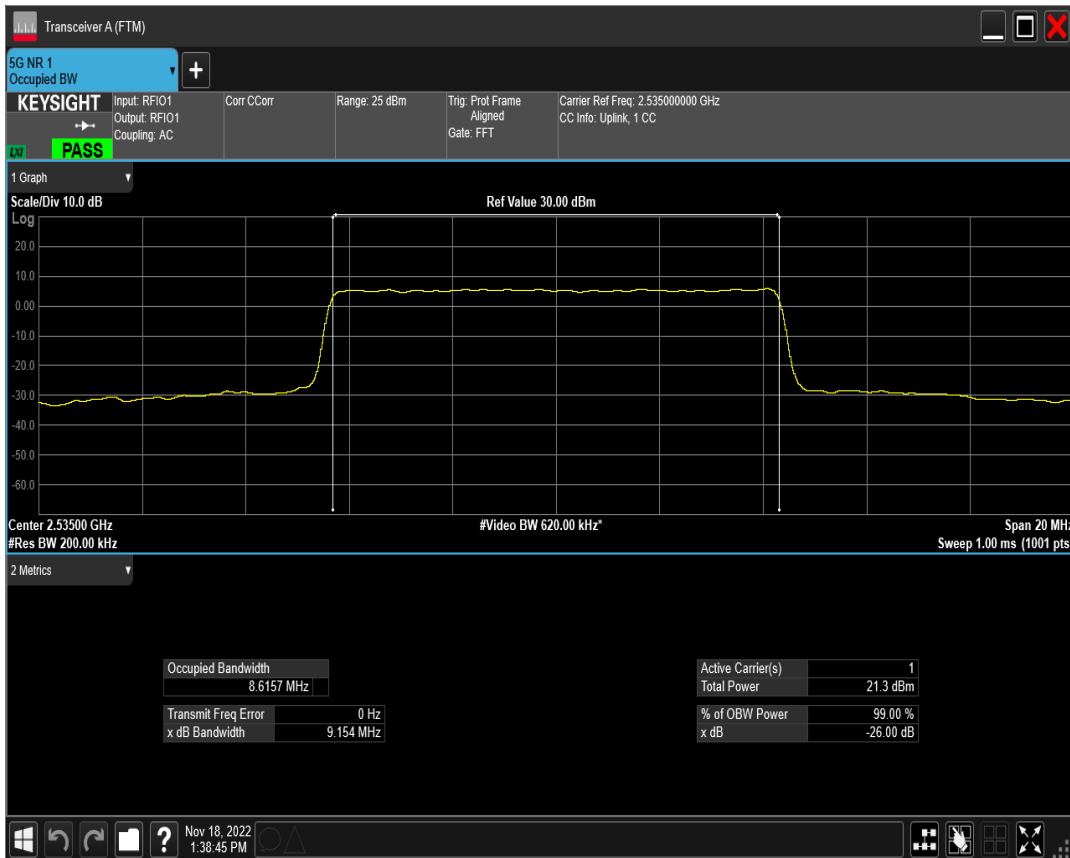
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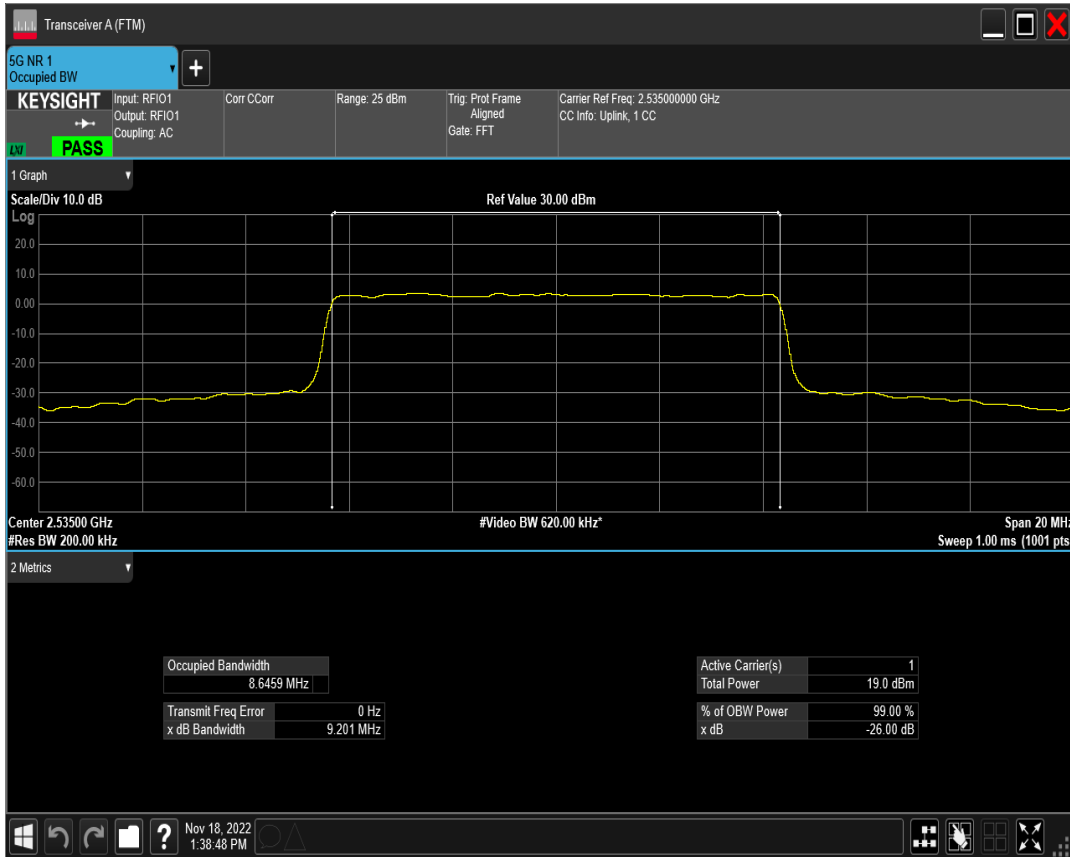
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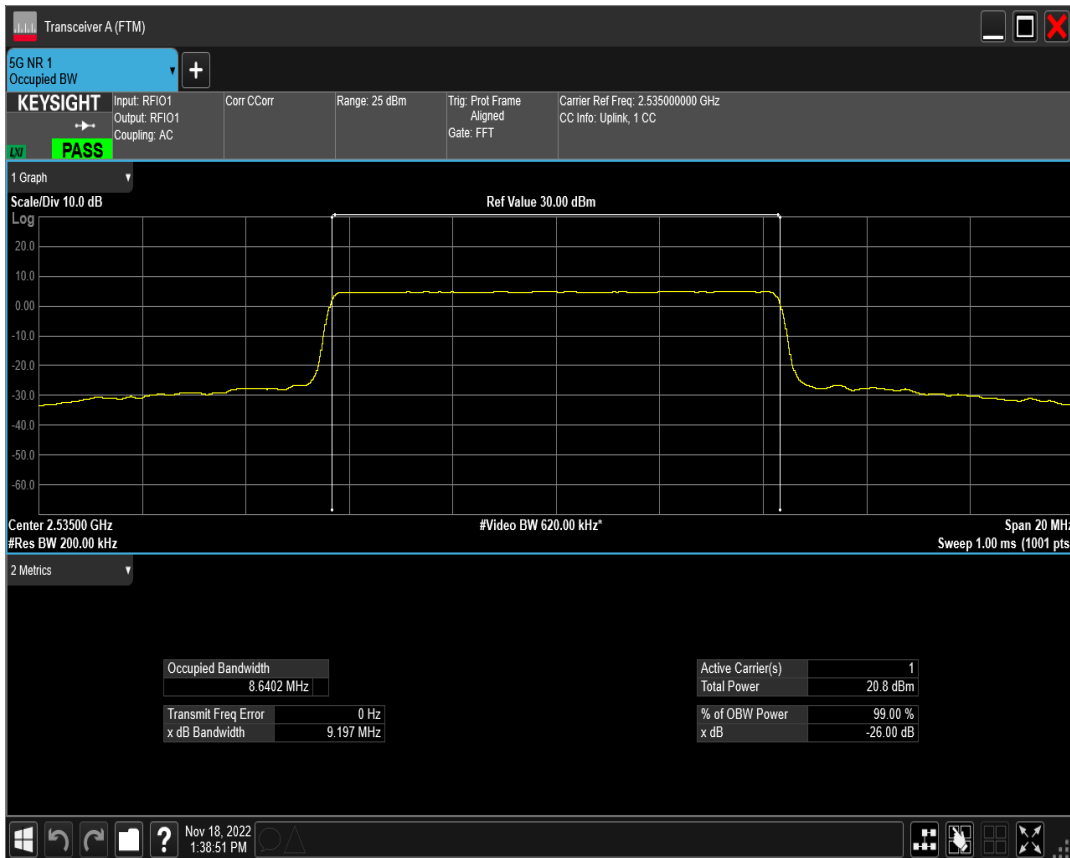
n7 SCS=30kHz DFT_QAM64 BW=10MHz Channel=507000 RB=24 @0



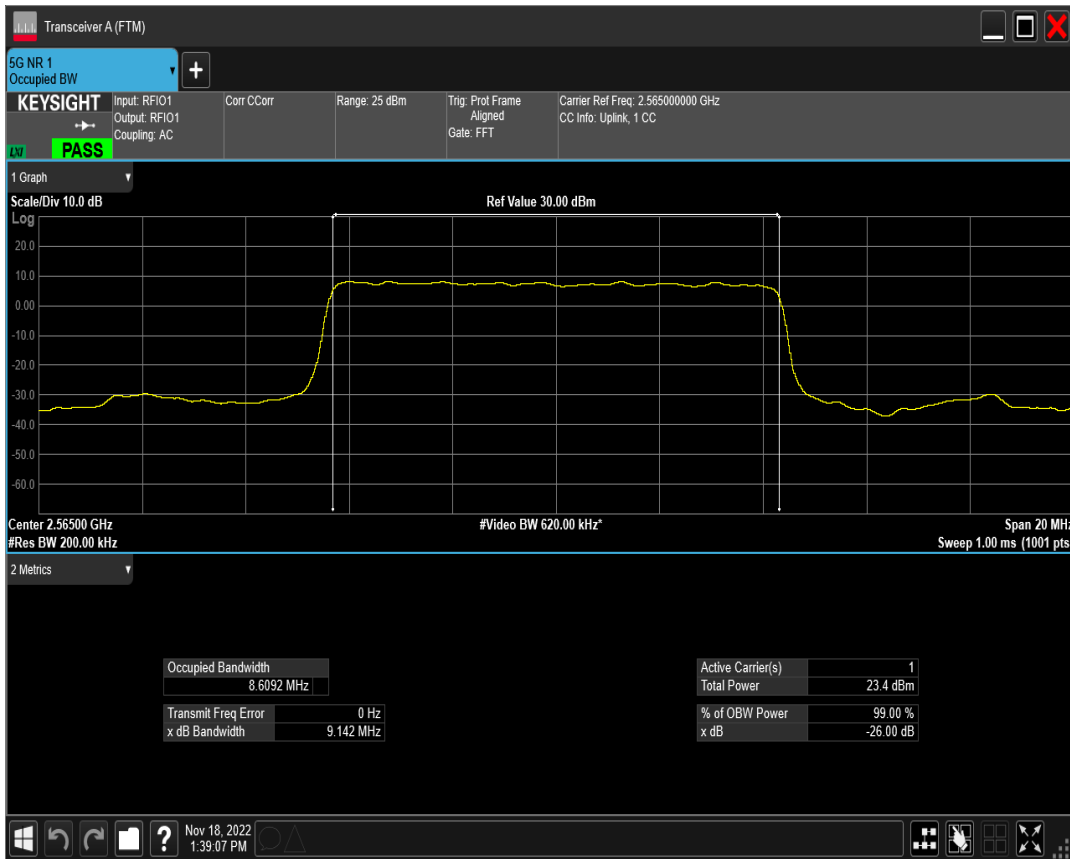
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n7 SCS=30kHz CP_QPSK BW=10MHz Channel=507000 RB=24@0



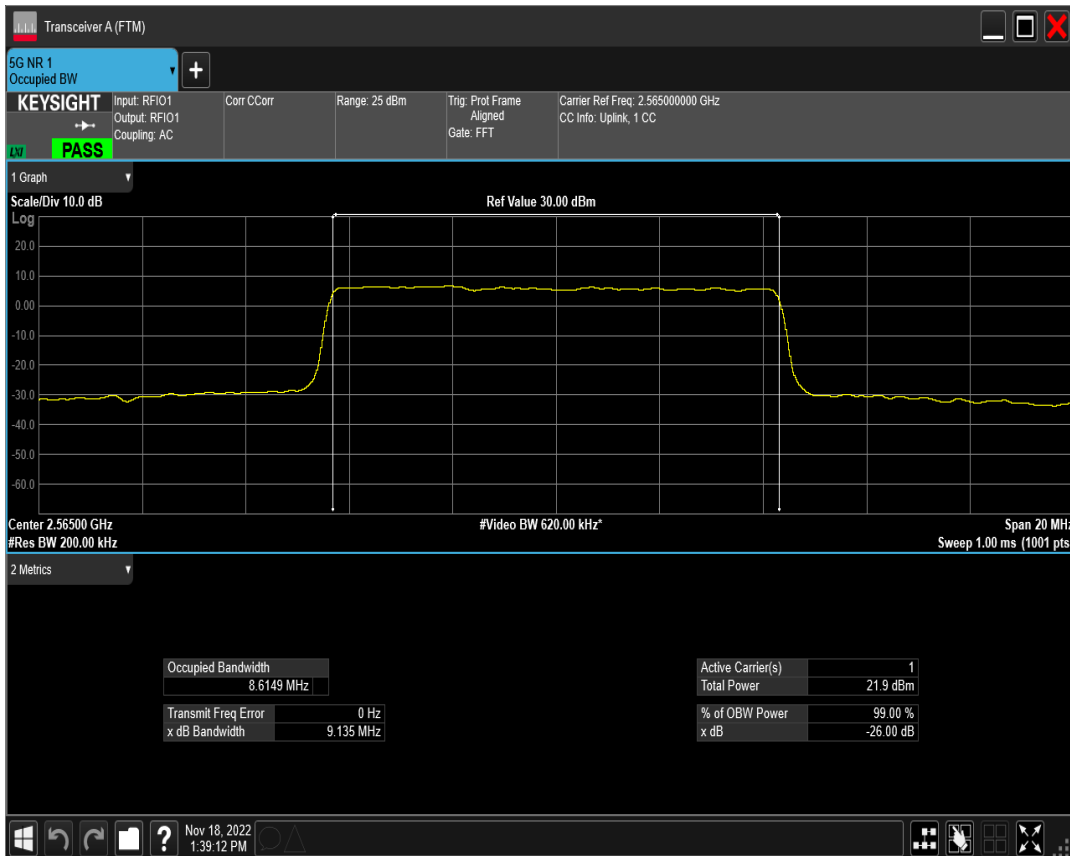
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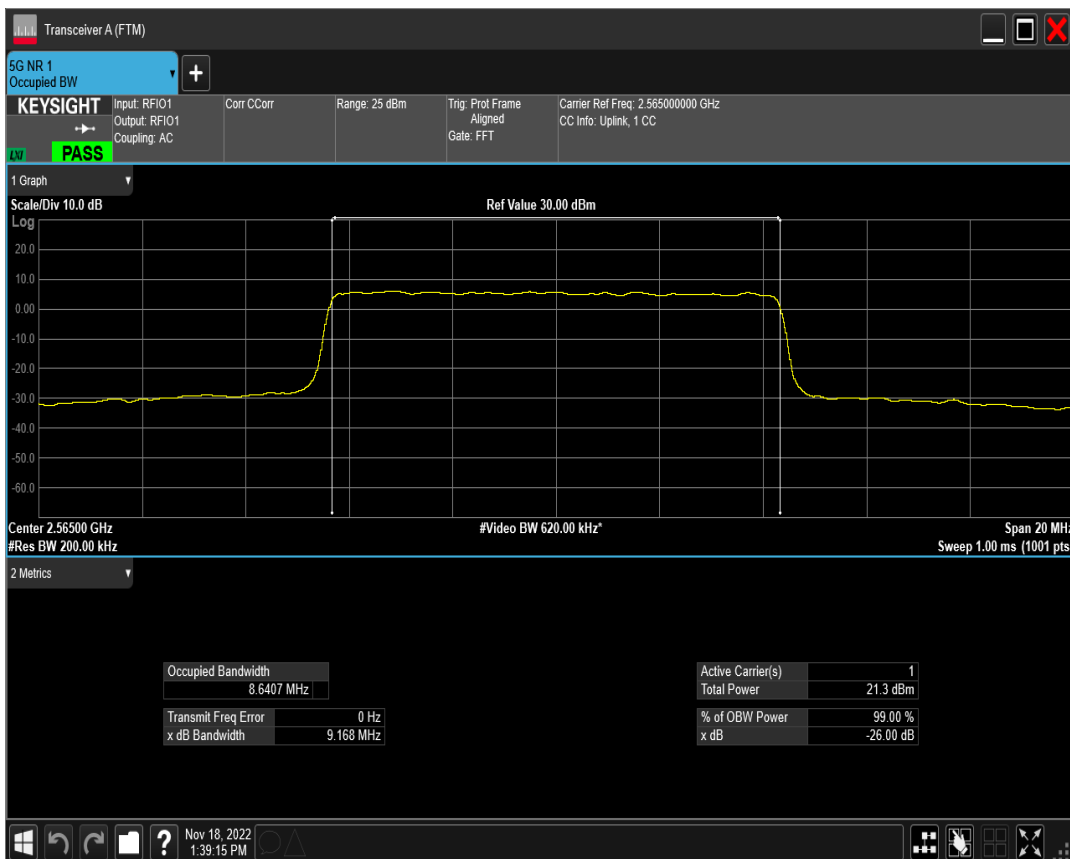
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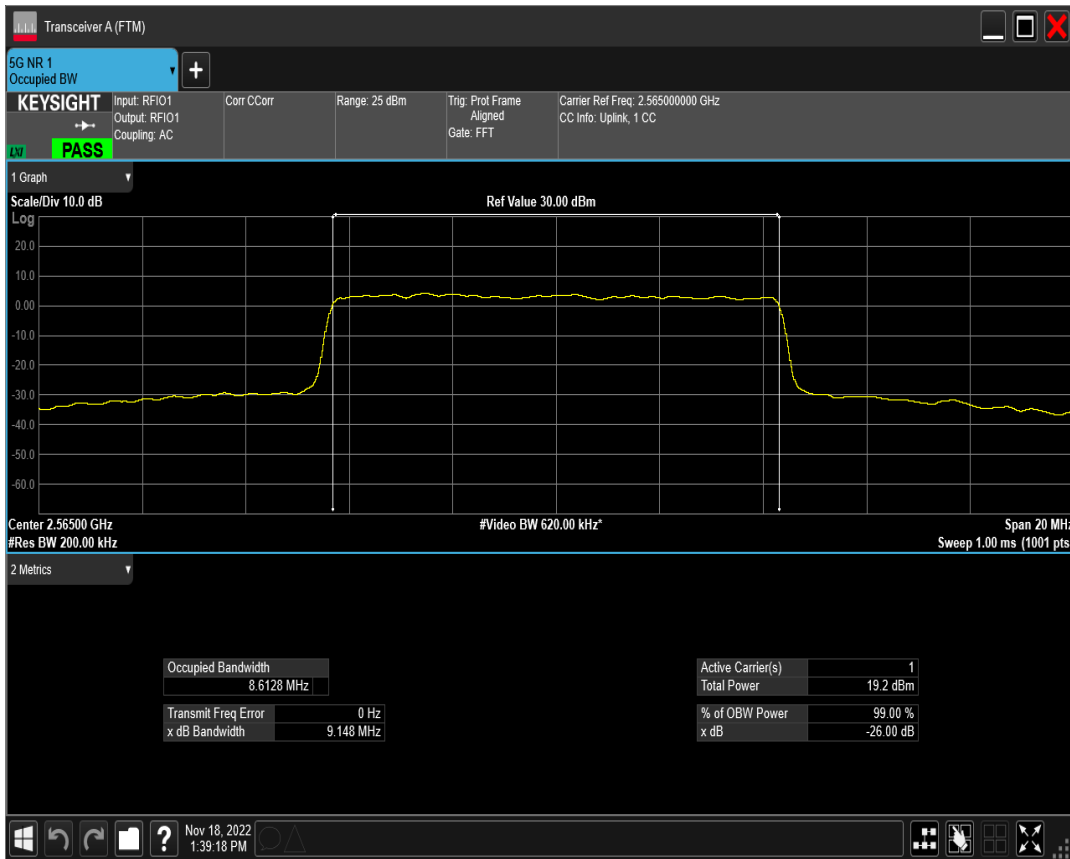
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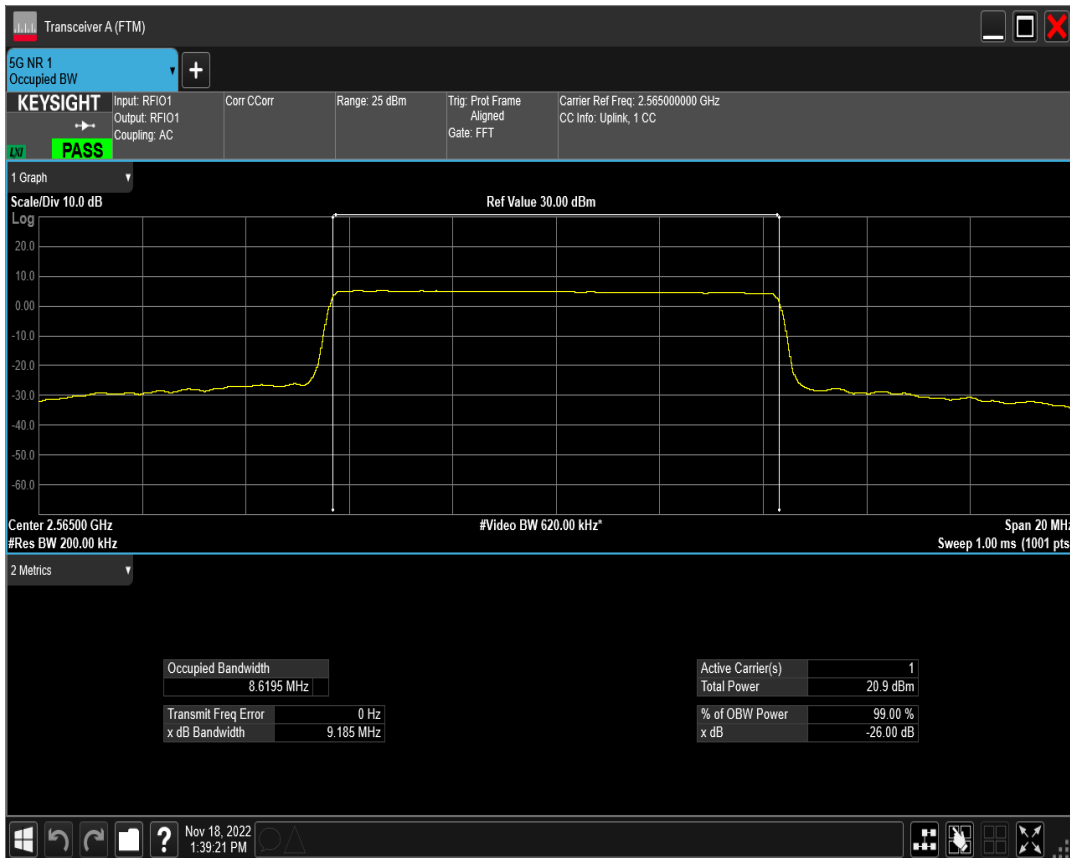
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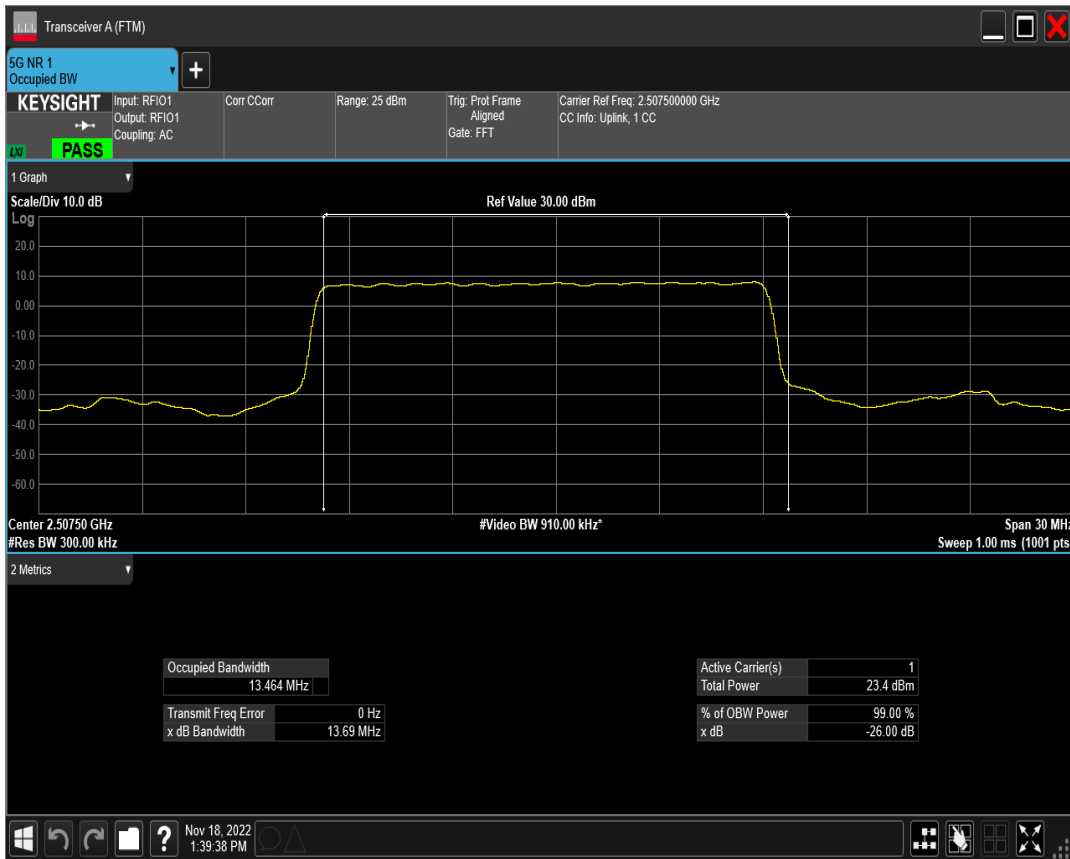
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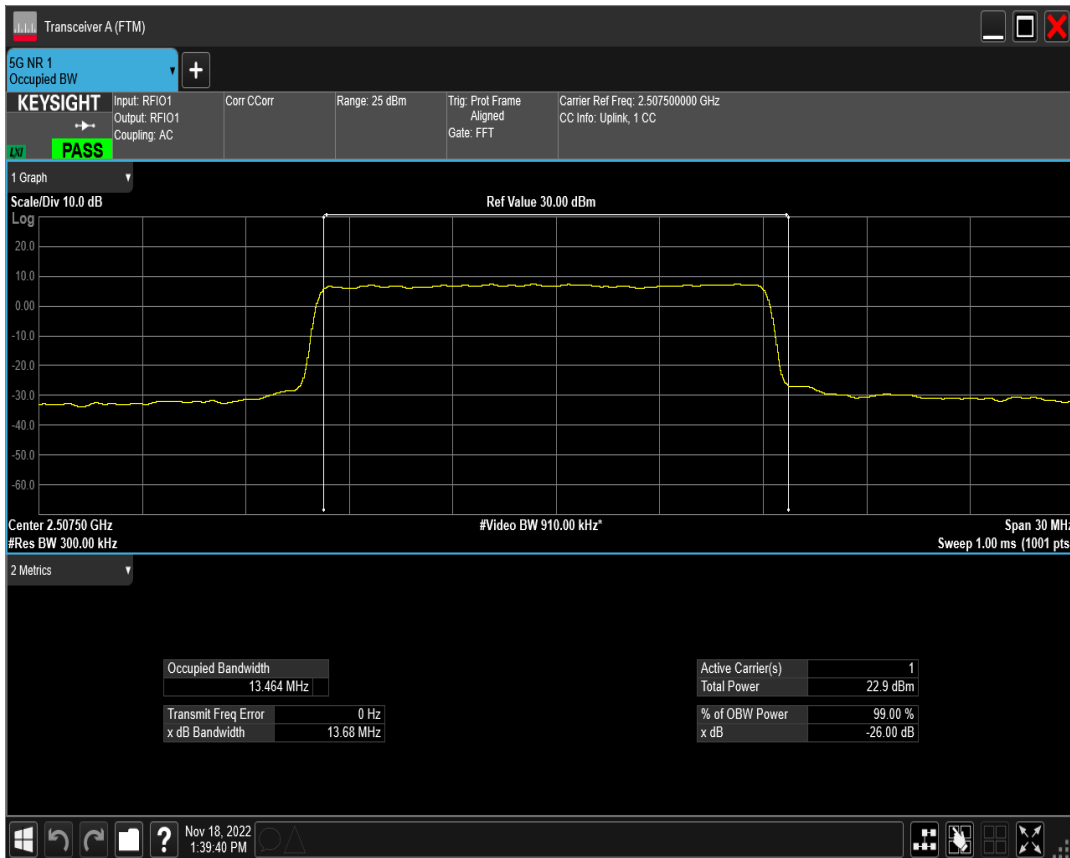
n7 SCS=30kHz CP_QPSK BW=10MHz Channel=513000 RB=24@0



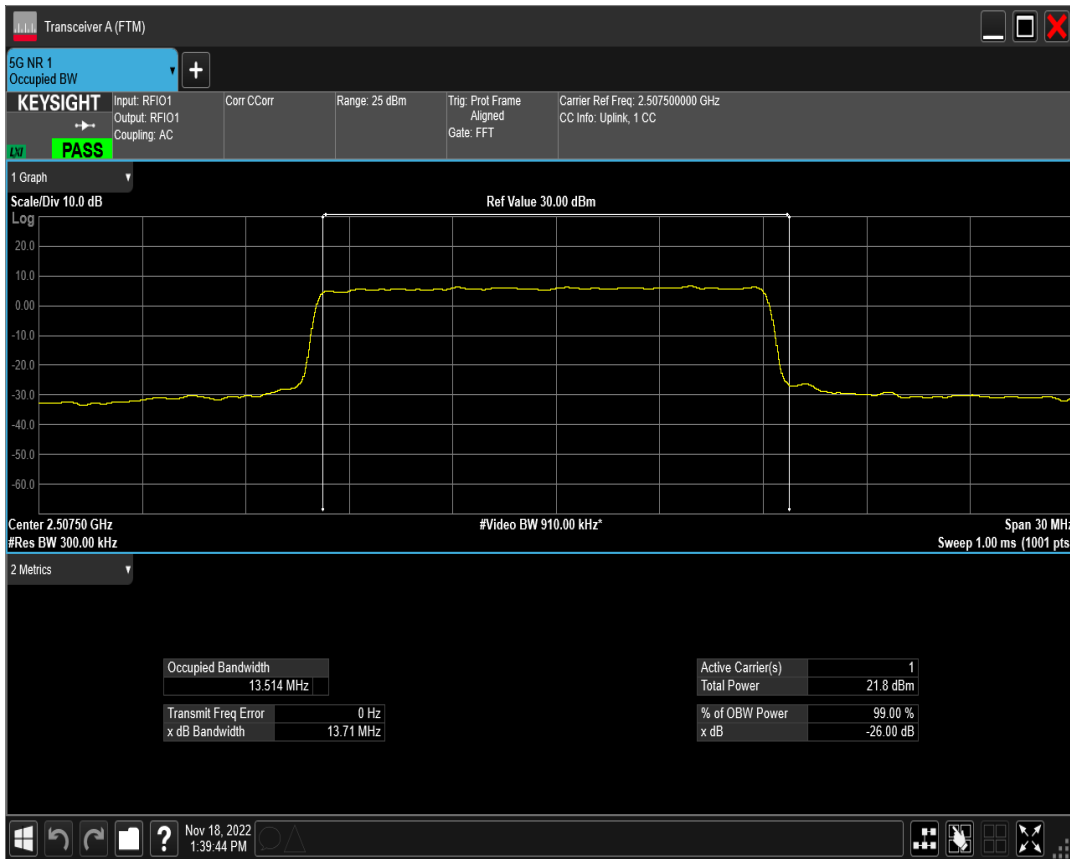
n7 SCS=30kHz DFT_BPSK BW=15MHz Channel=501500 RB=36@0



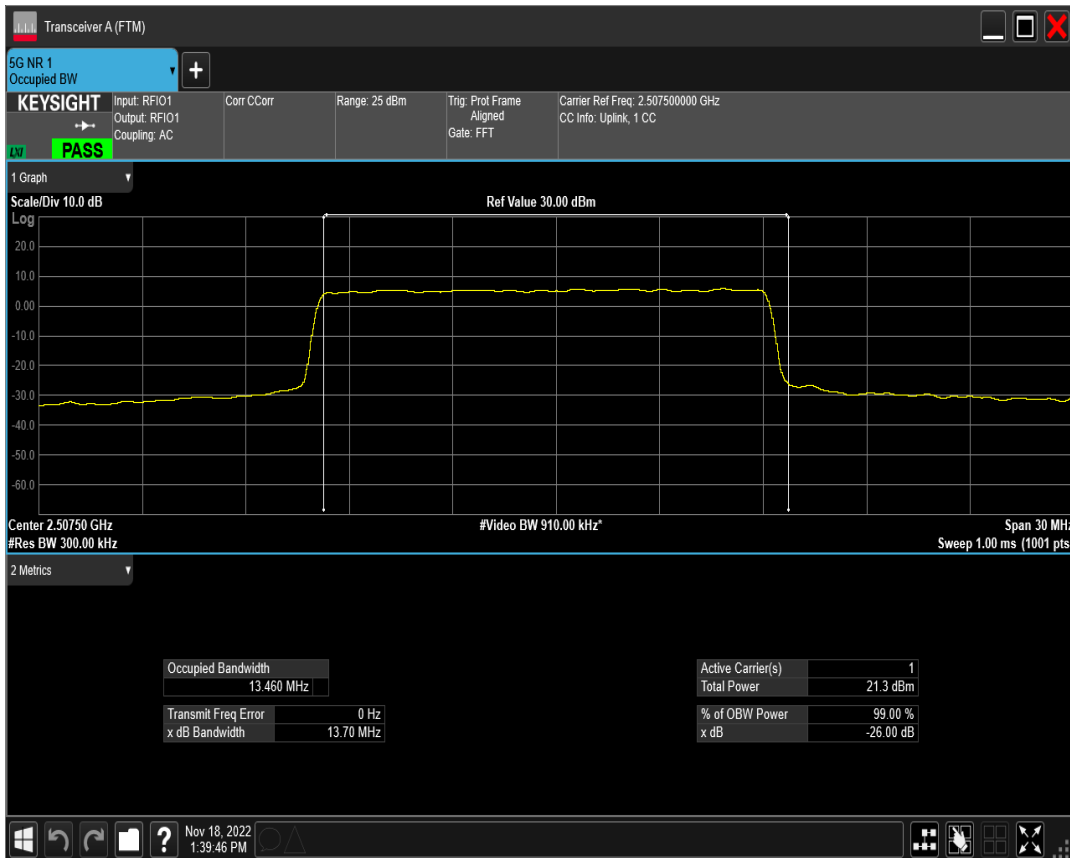
n7 SCS=30kHz DFT_QPSK BW=15MHz Channel=501500 RB=36@0



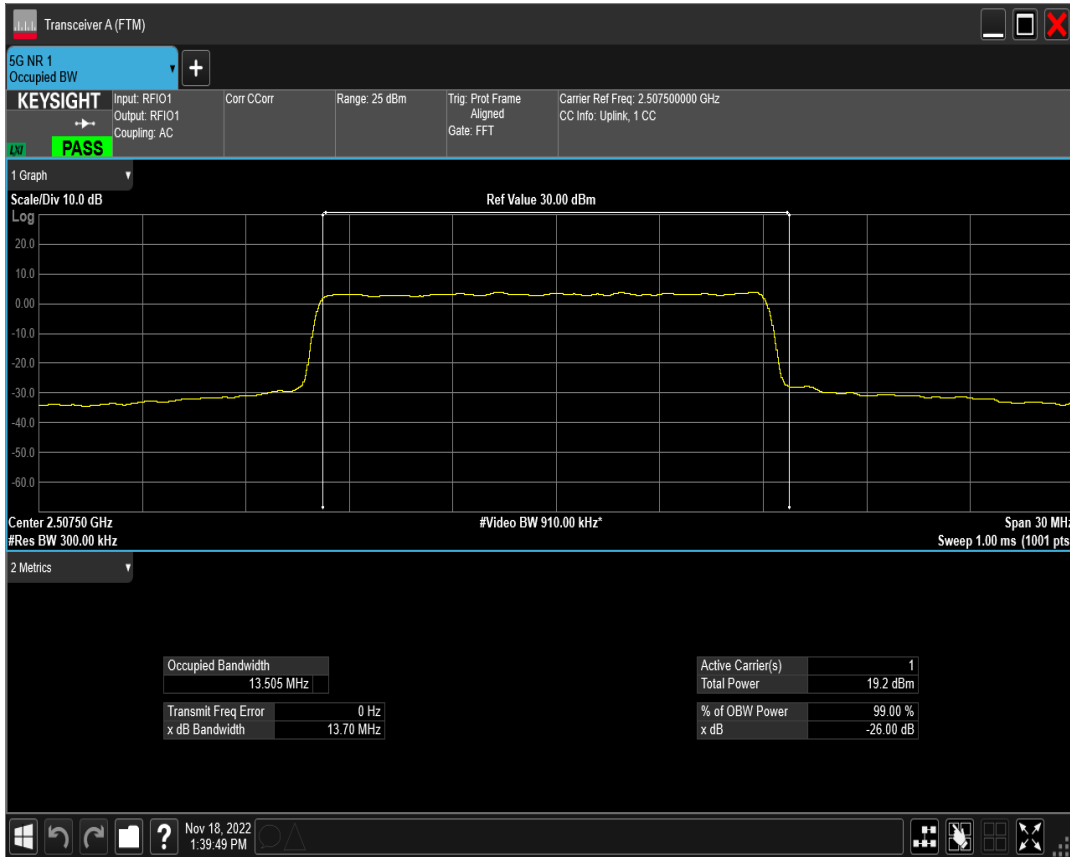
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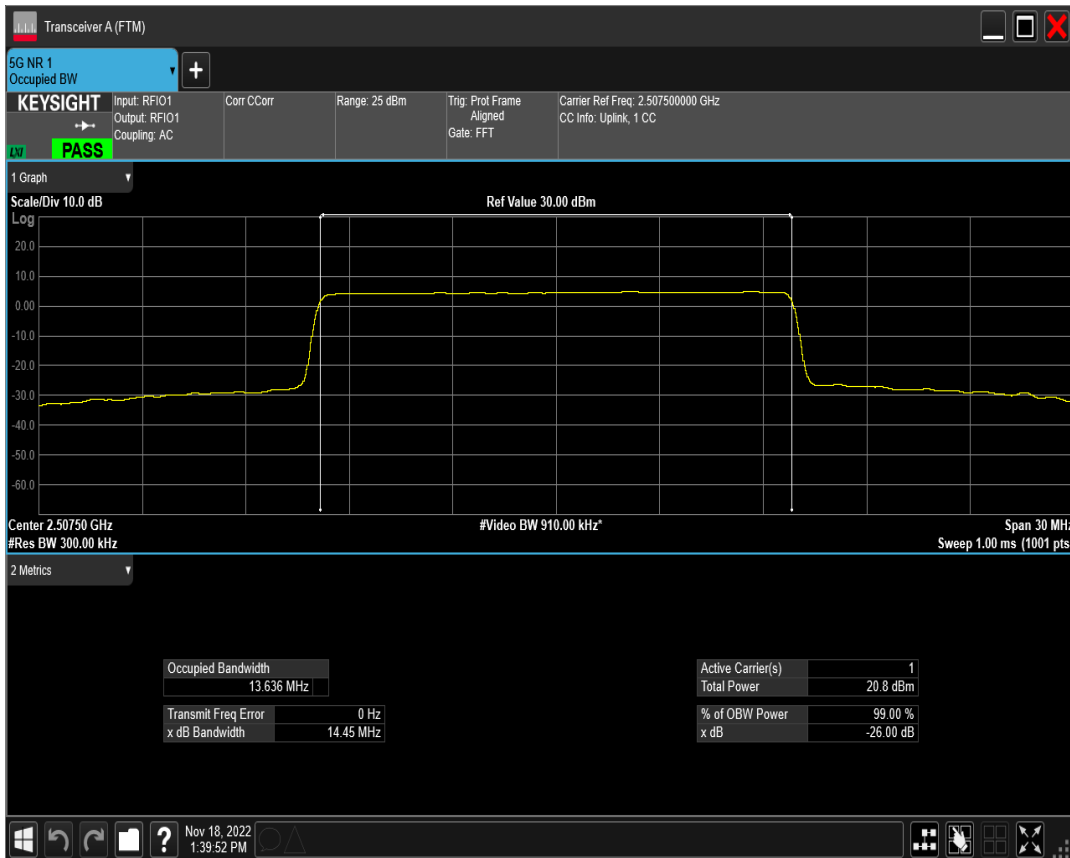
n7 SCS=30kHz DFT_QAM64 BW=15MHz Channel=501500 RB=36@0



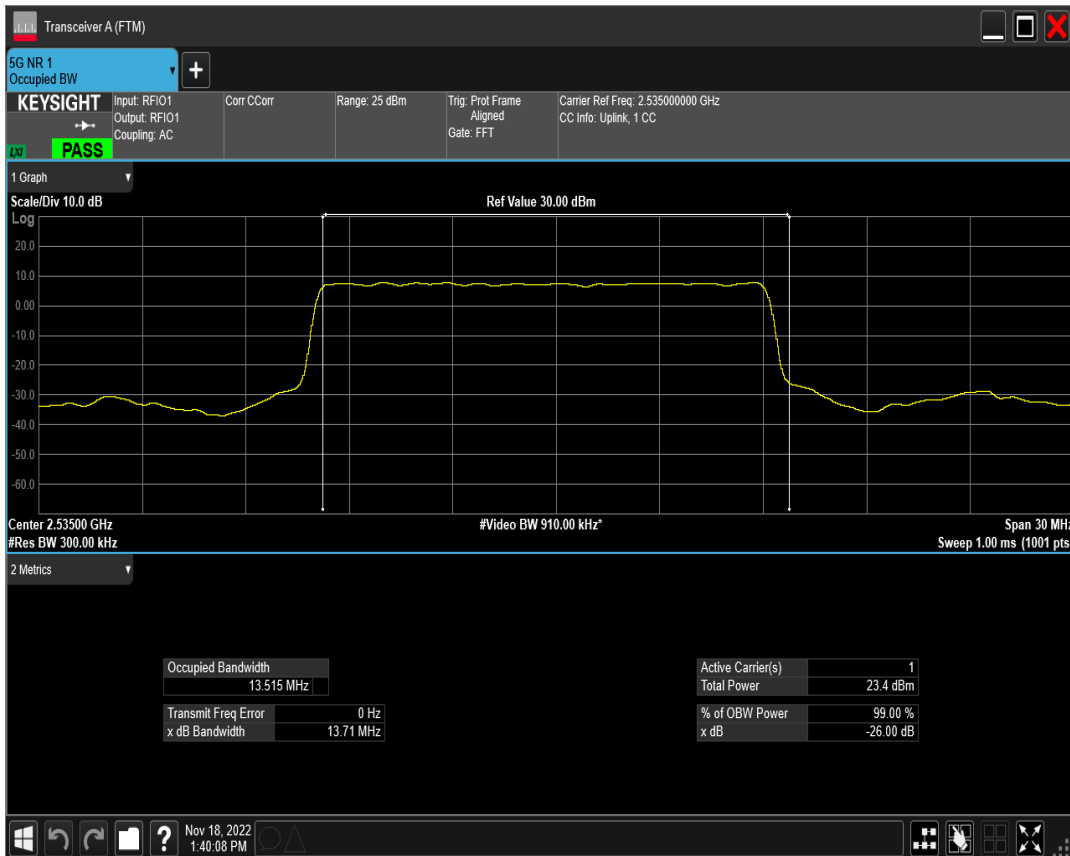
n7 SCS=30kHz DFT_QAM256 BW=15MHz Channel=501500 RB=36@0



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



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



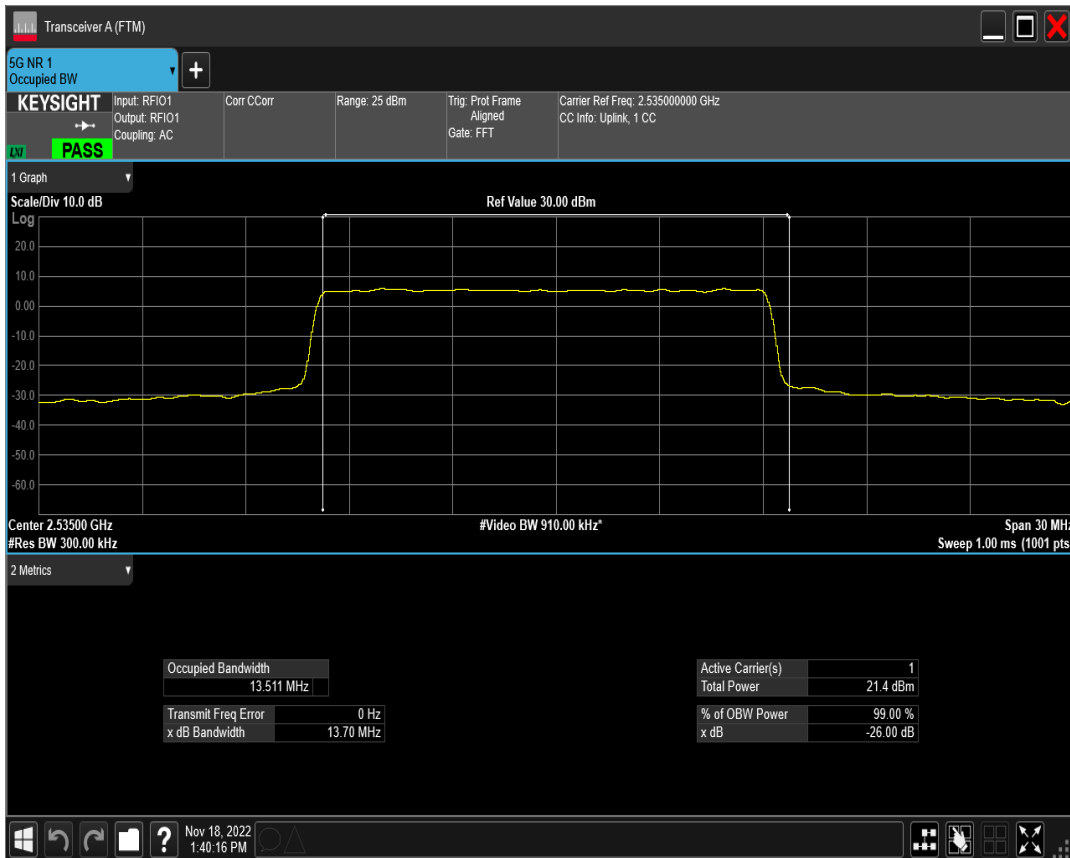
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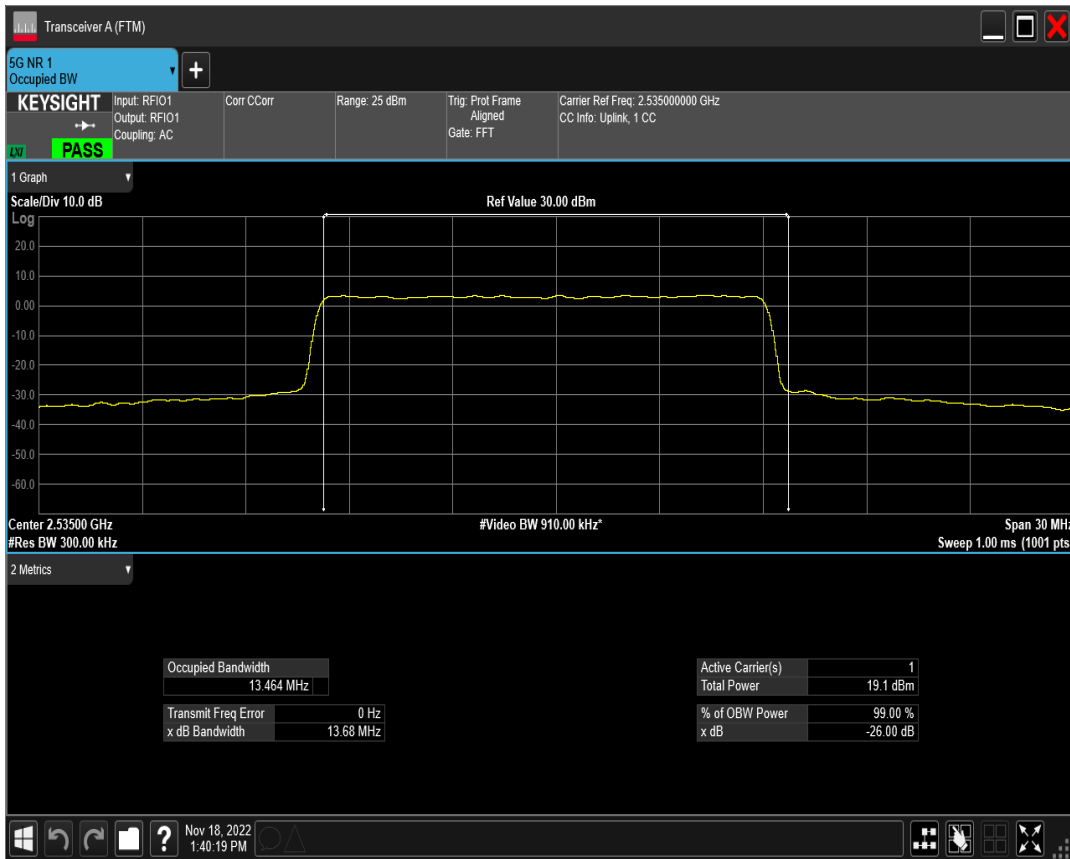
n7 SCS=30kHz DFT_QAM16 BW=15MHz Channel=507000 RB=36@0



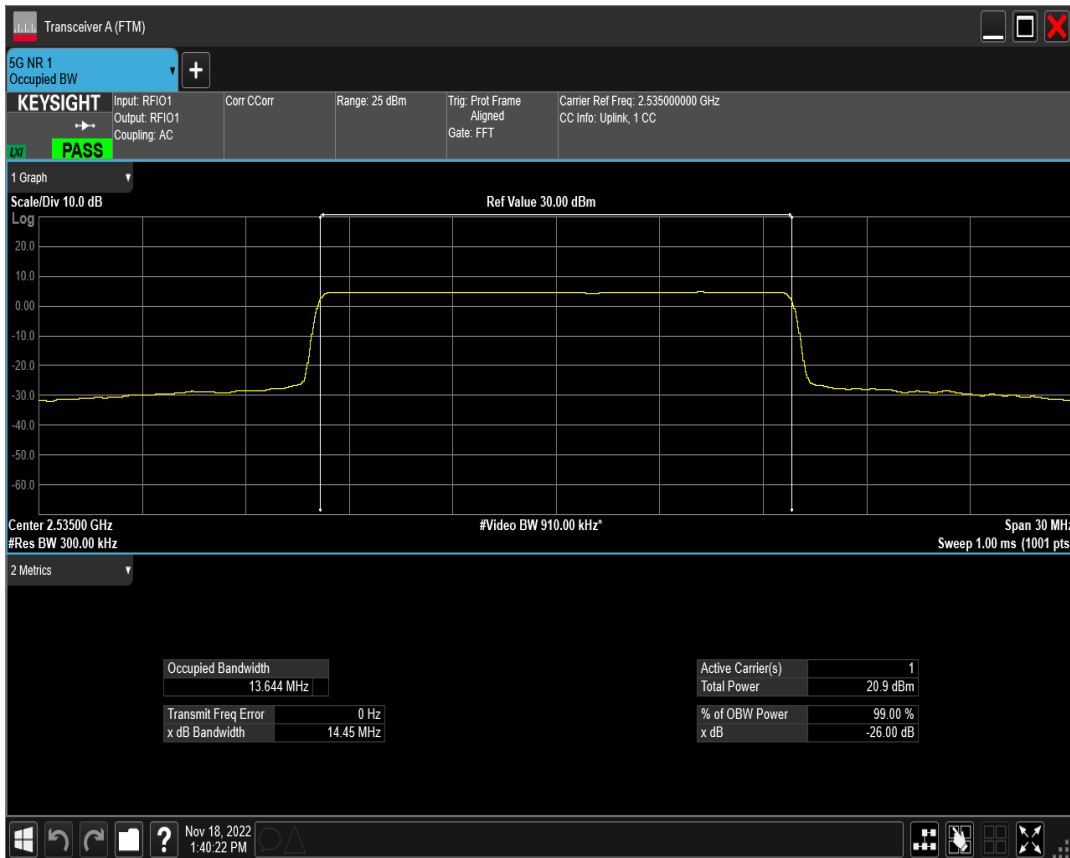
n7 SCS=30kHz DFT_QAM64 BW=15MHz Channel=507000 RB=36@0



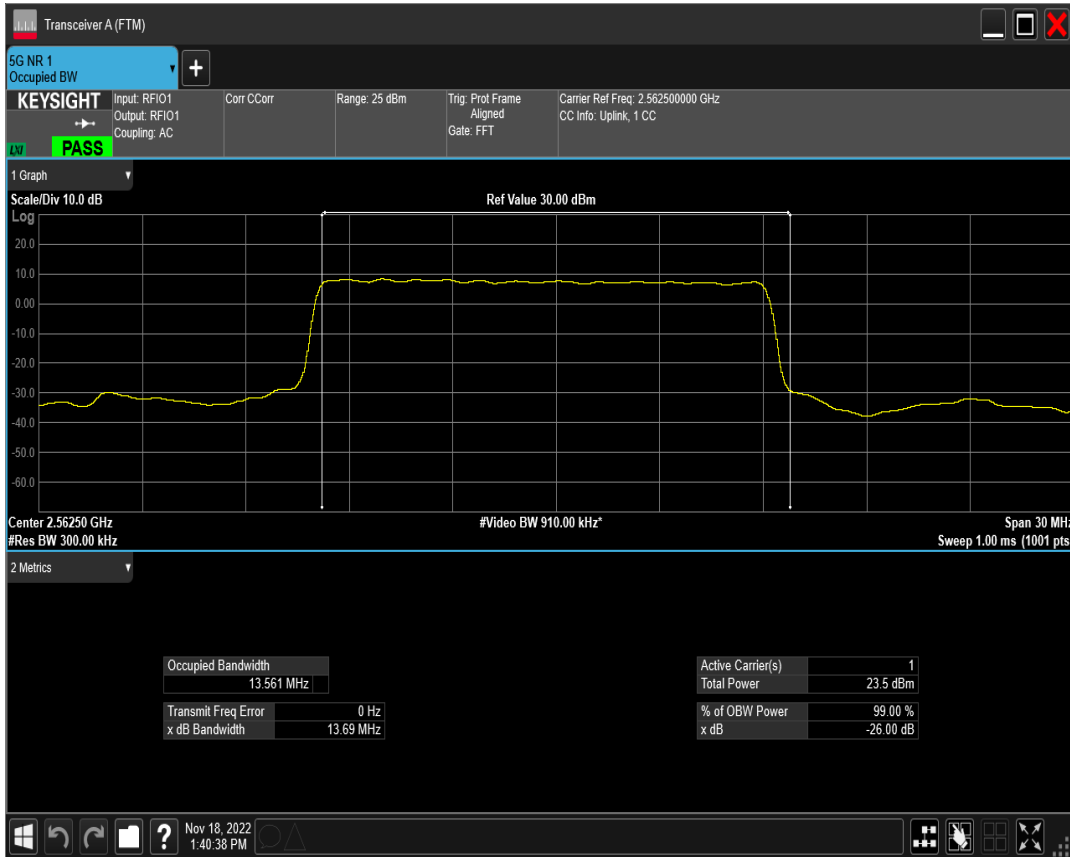
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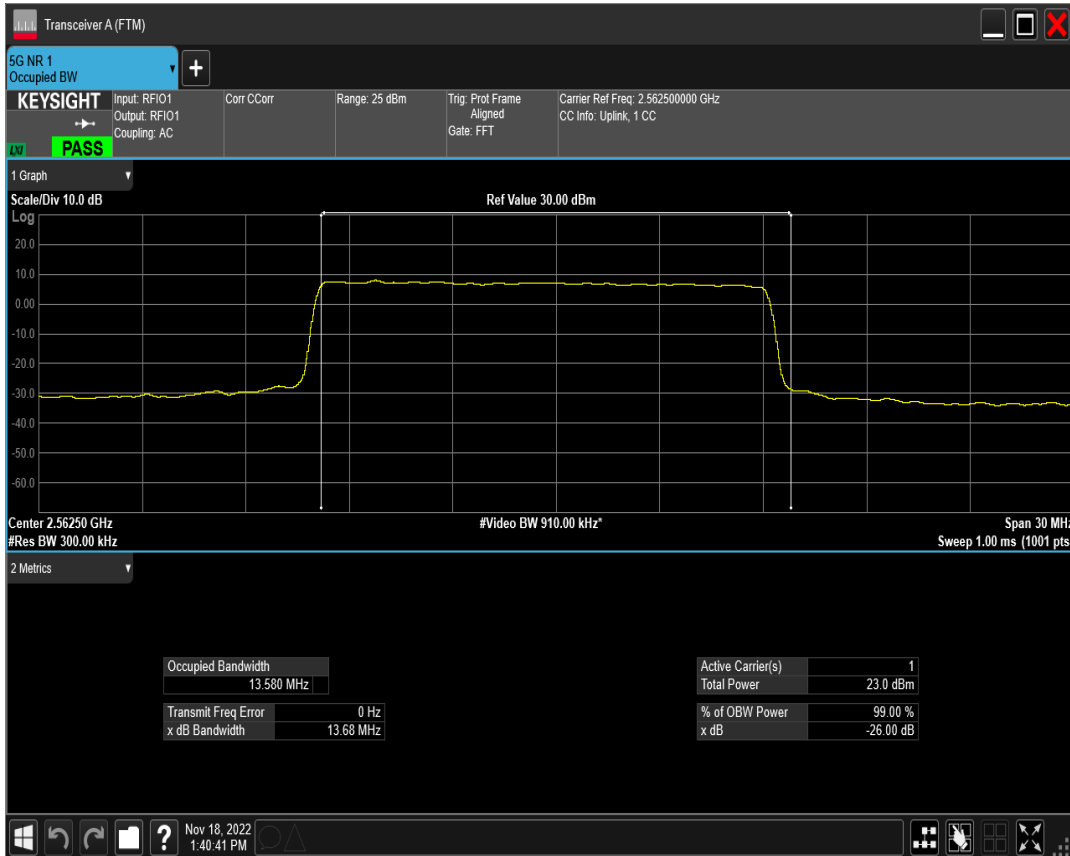
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n7 SCS=30kHz DFT_BPSK BW=15MHz Channel=512500 RB=36@0



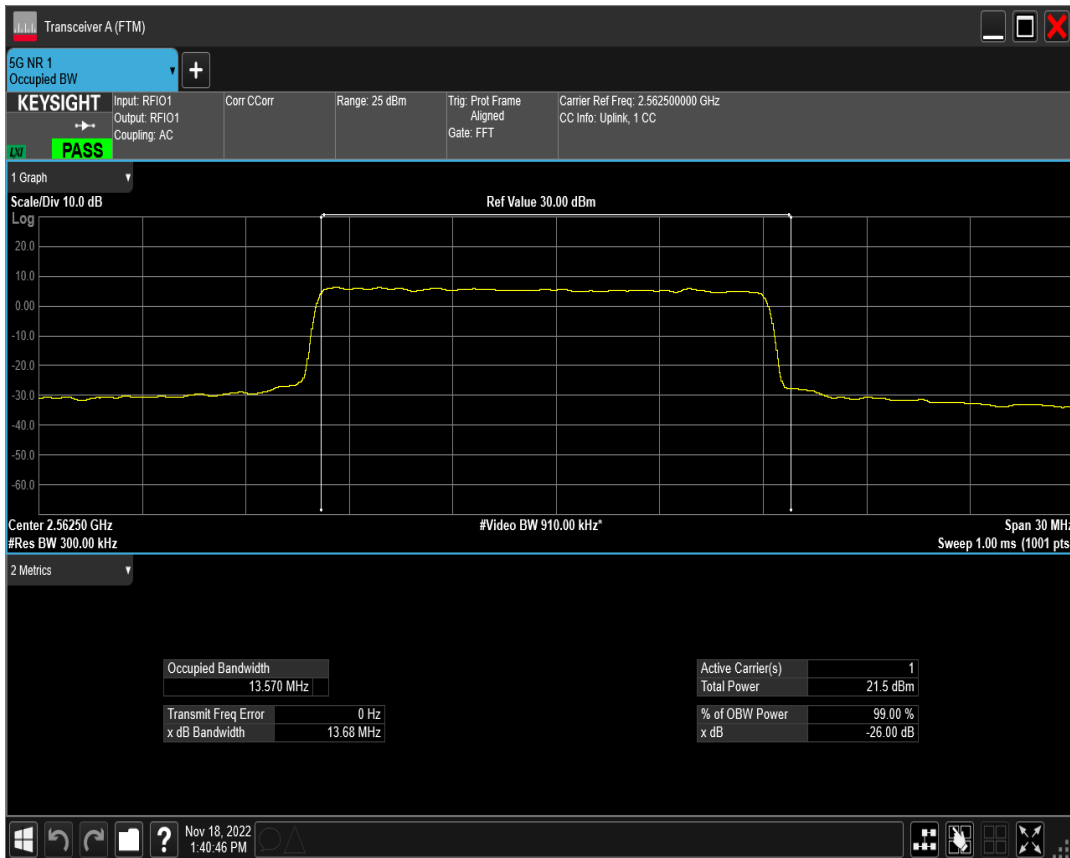
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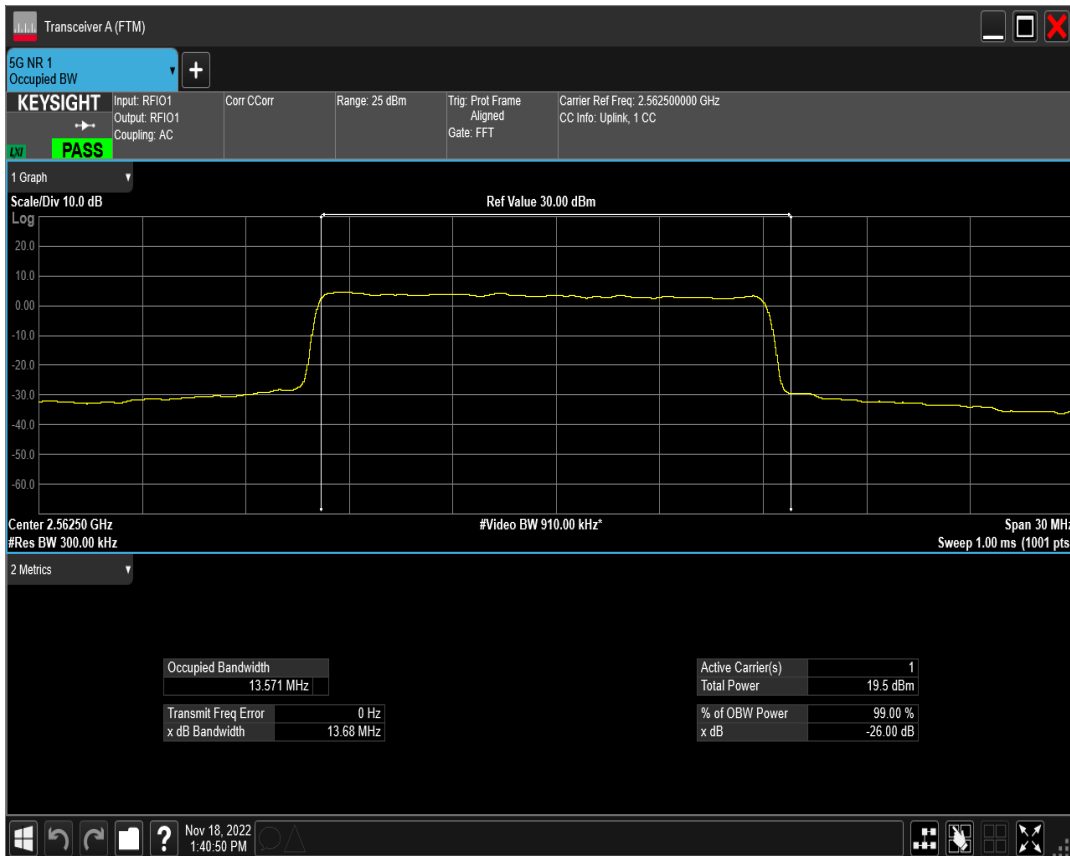
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n7 SCS=30kHz DFT_QAM64 BW=15MHz Channel=512500 RB=36@0



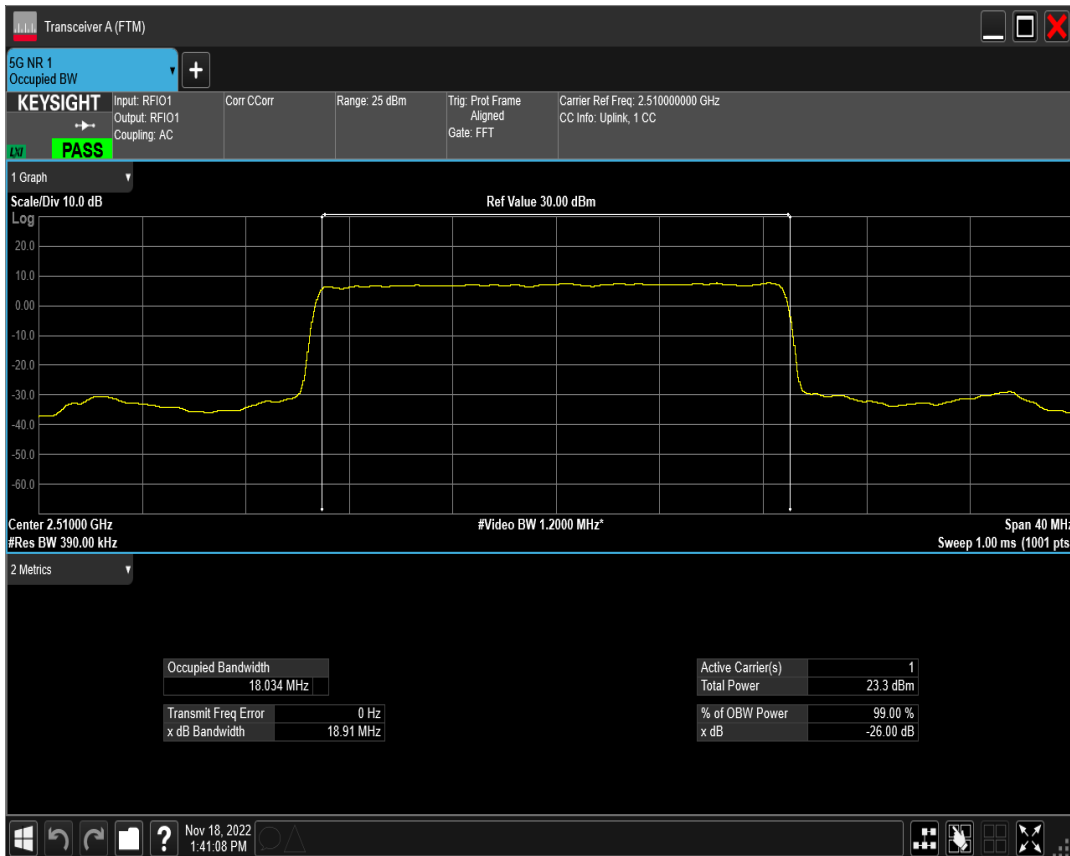
n7 SCS=30kHz DFT_QAM256 BW=15MHz Channel=512500 RB=36@0



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



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



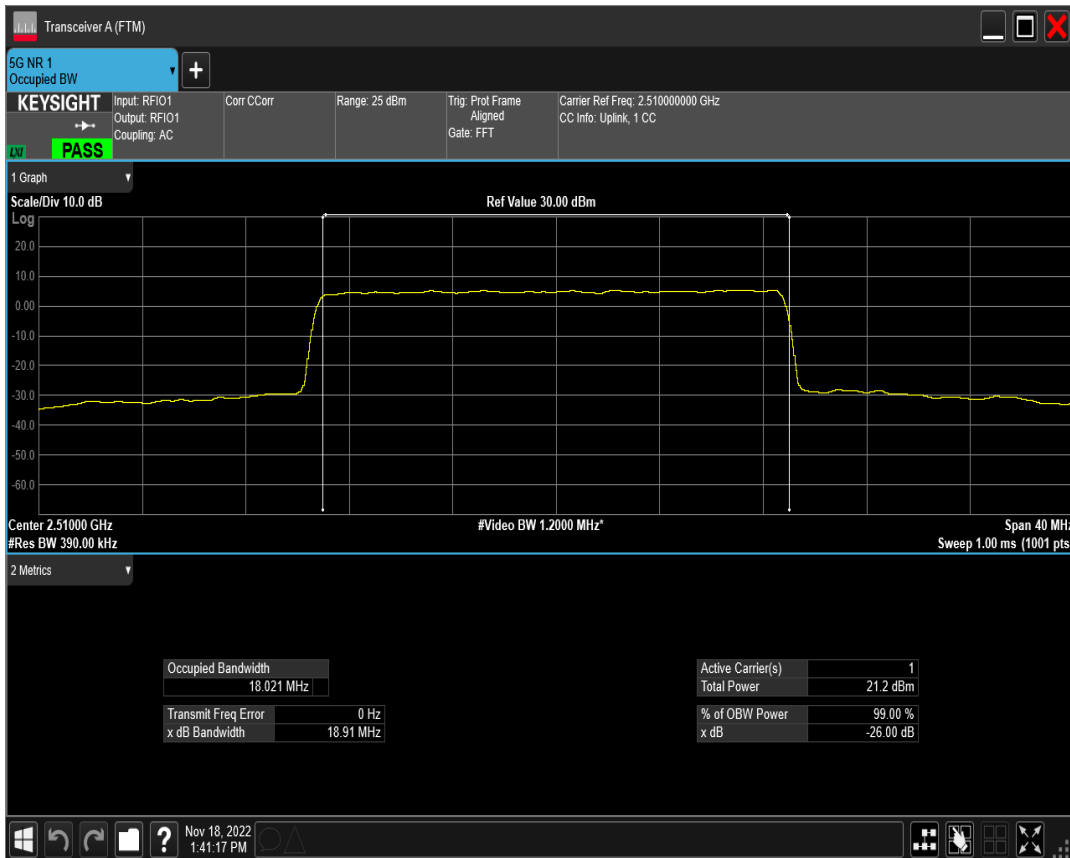
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n7 SCS=30kHz DFT_QAM16 BW=20MHz Channel=502000 RB=50 @0



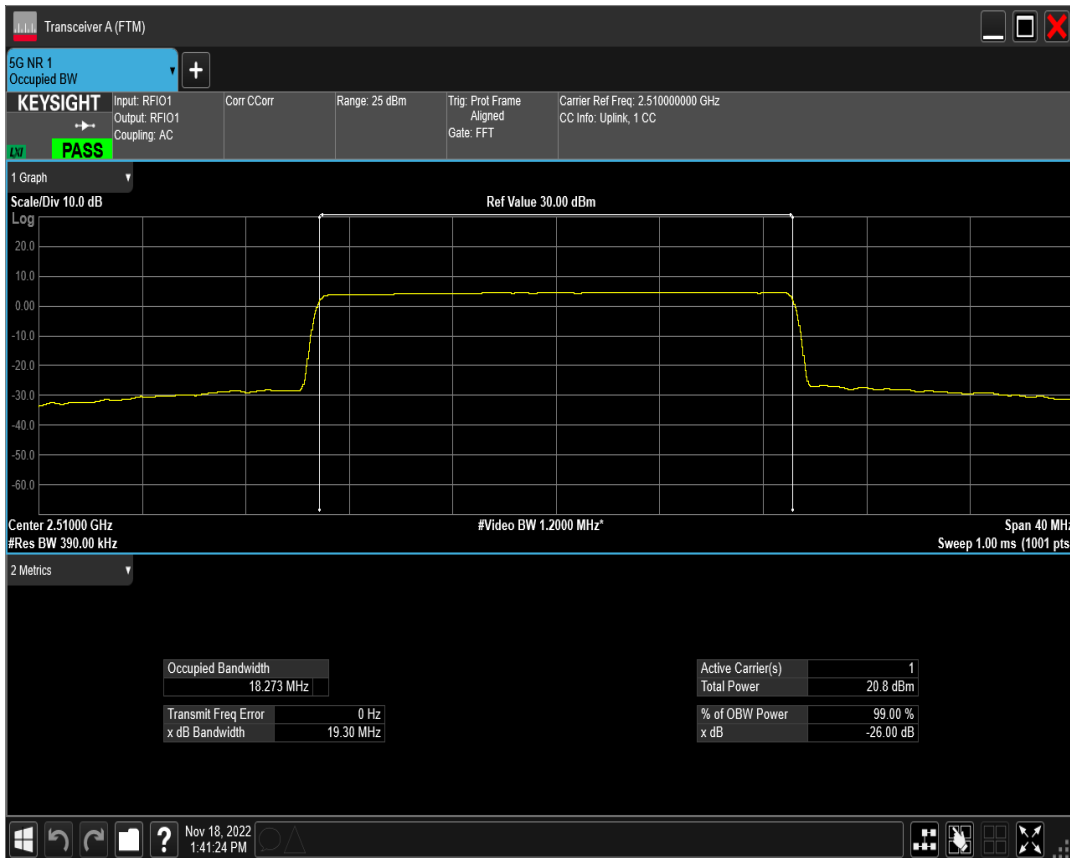
n7 SCS=30kHz DFT_QAM64 BW=20MHz Channel=502000 RB=50 @0



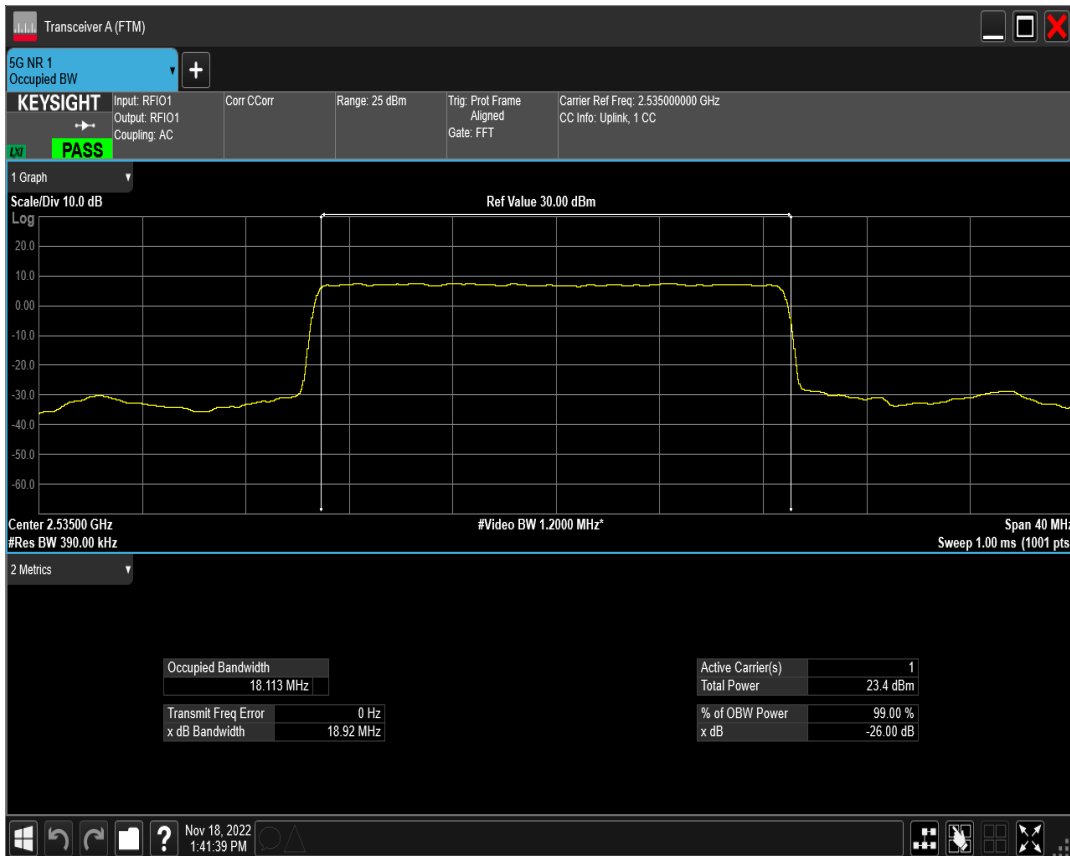
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n7 SCS=30kHz CP_QPSK BW=20MHz Channel=502000 RB=51@0



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



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



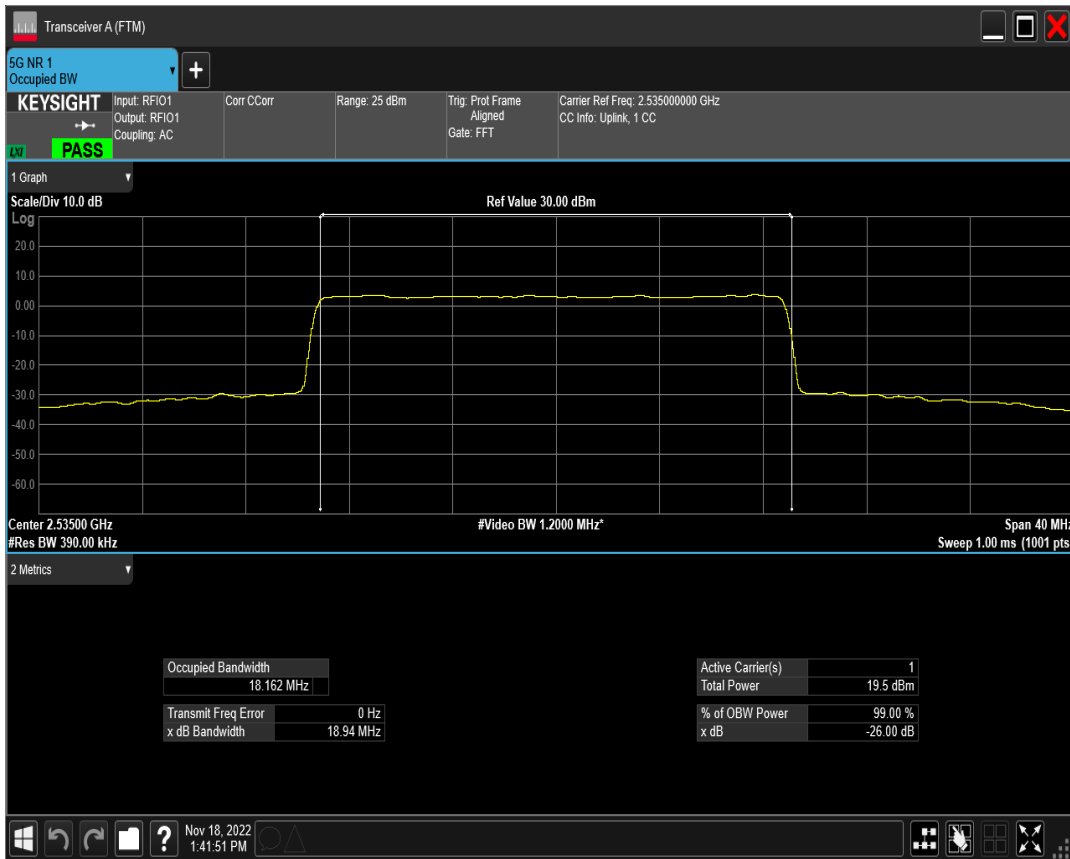
n7 SCS=30kHz DFT_QAM16 BW=20MHz Channel=507000 RB=50@0



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



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



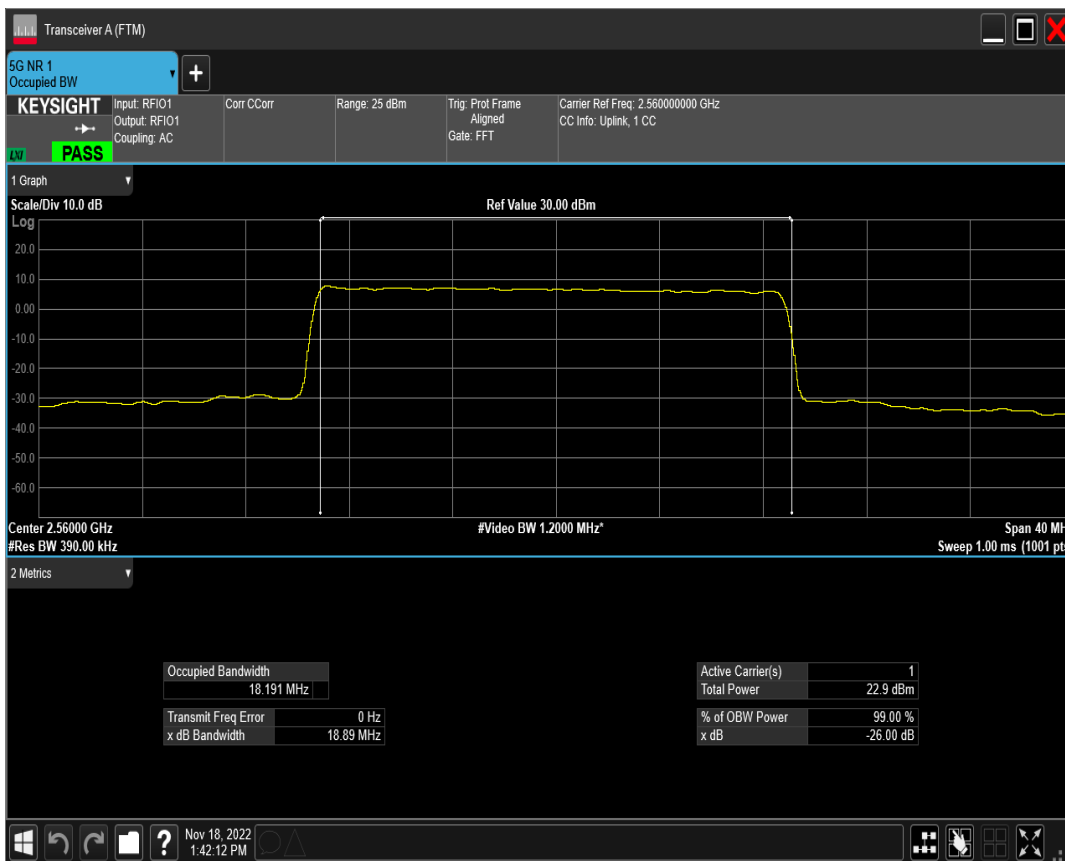
n7 SCS=30kHz CP_QPSK BW=20MHz Channel=507000 RB=51@0



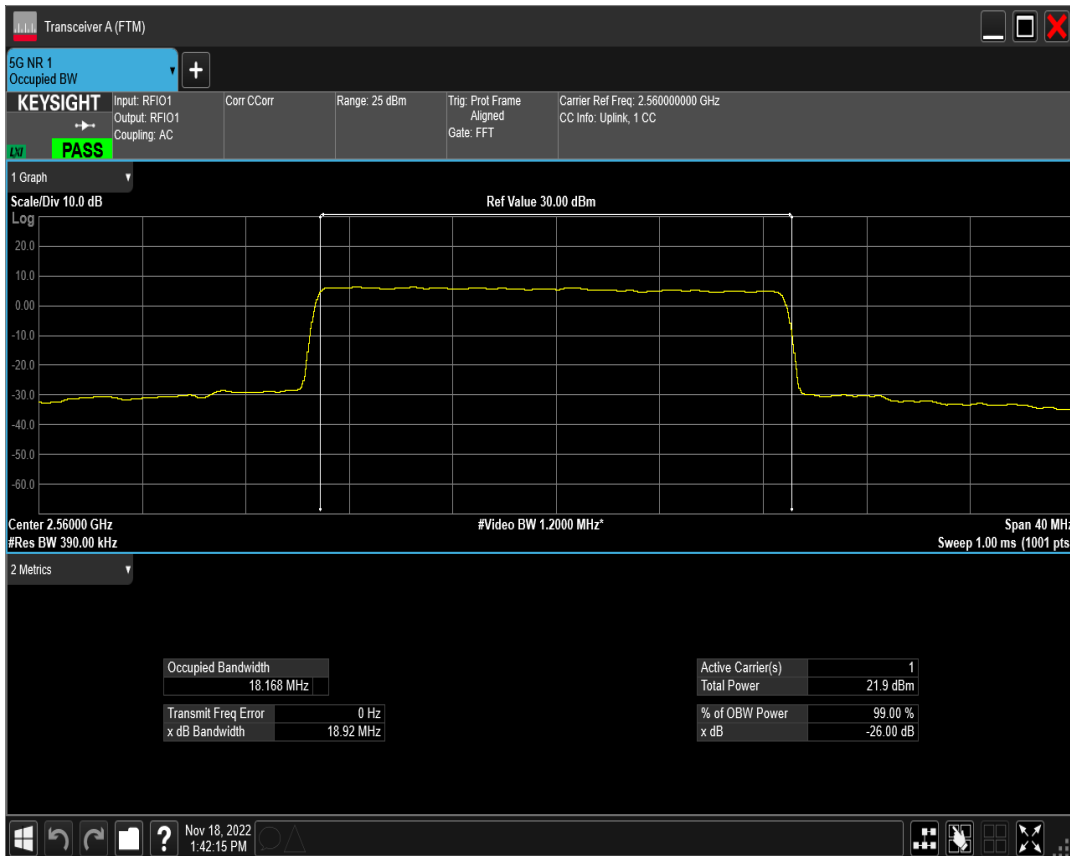
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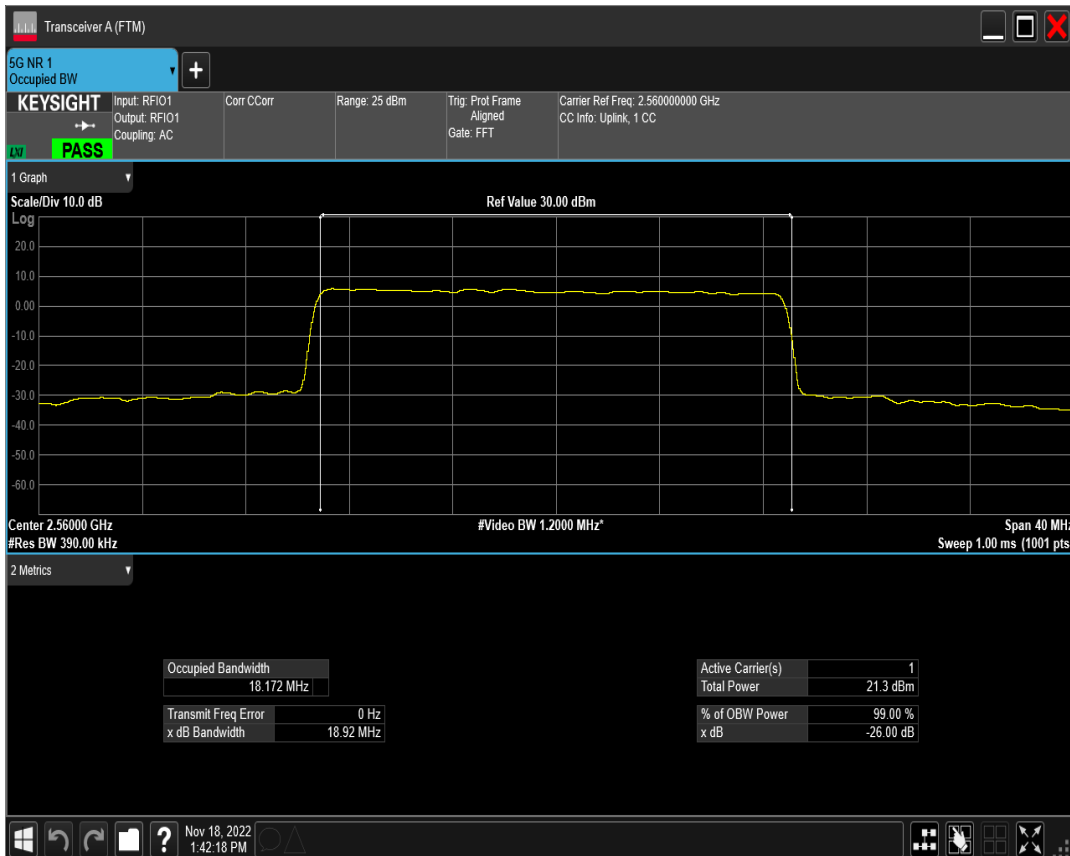
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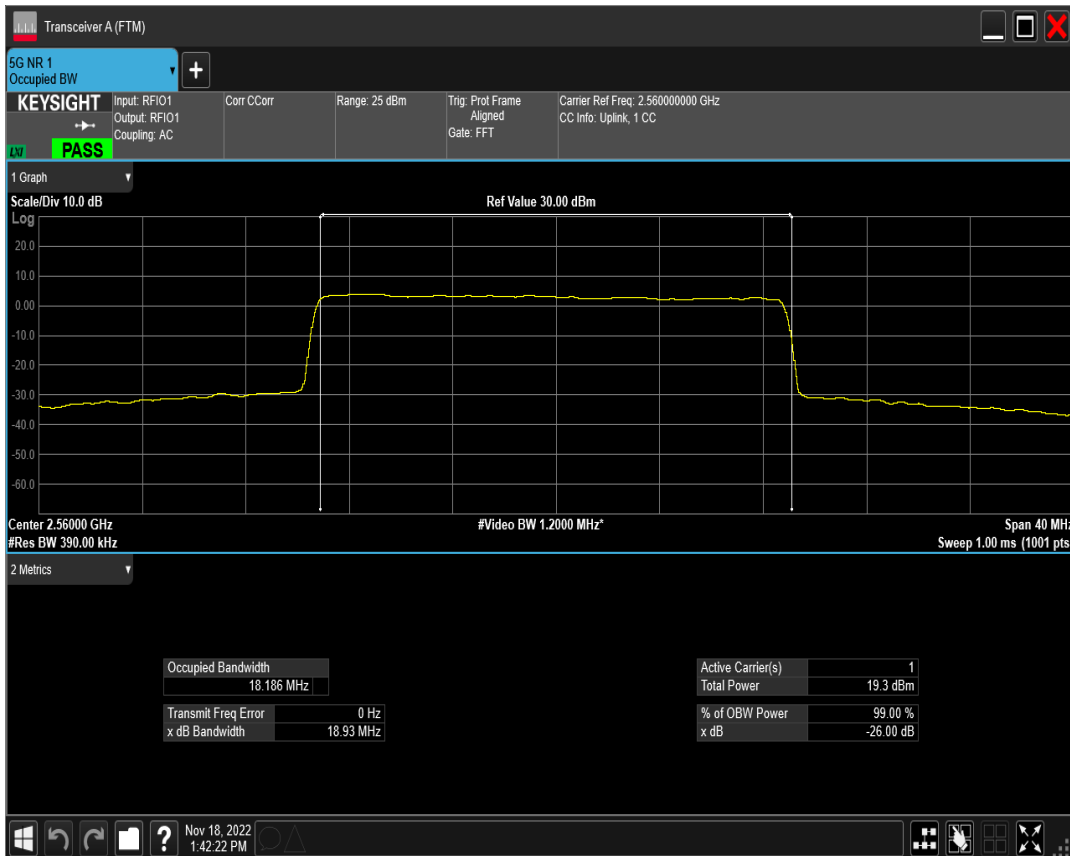
n7 SCS=30kHz DFT_QAM16 BW=20MHz Channel=512000 RB=50 @0



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



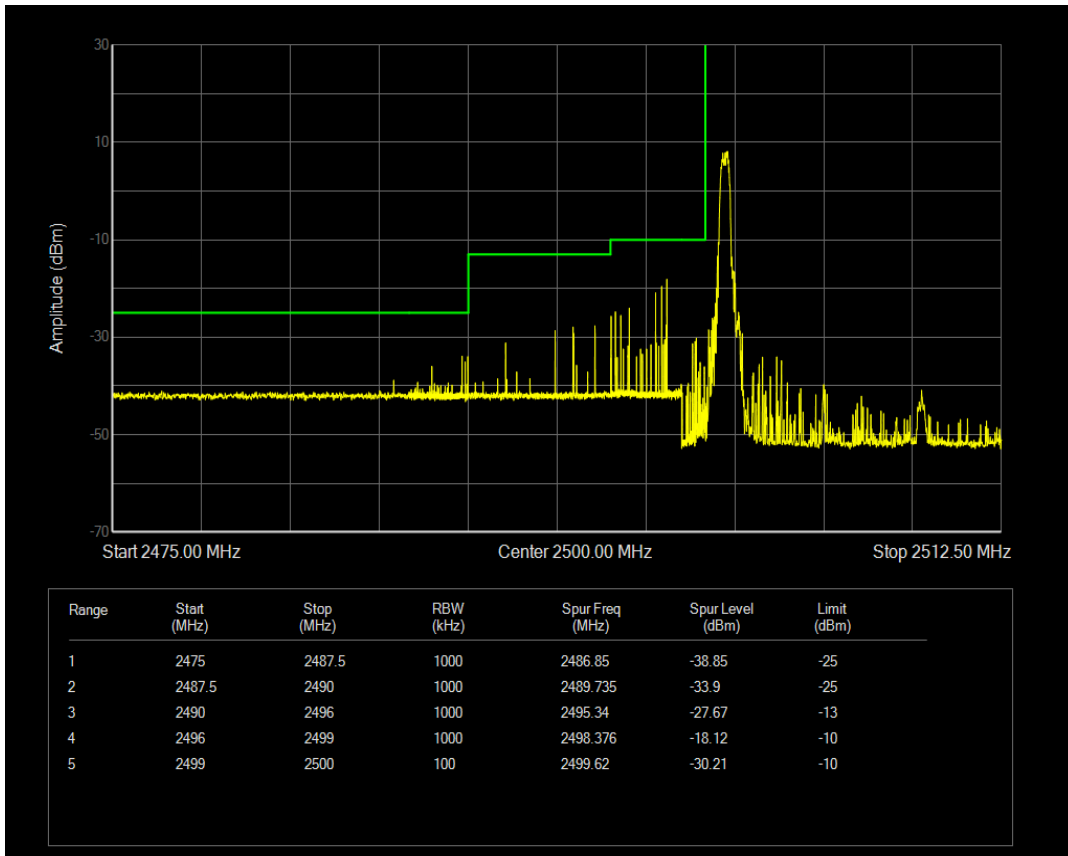
5 Band edge for NR FR1

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	2489.64	-35.62	-25	PASS
n7	30	10	501000	1@0	DFT_QPSK	2498.38	-18.12	-10	PASS
n7	30	10	513000	24@0	DFT_QPSK	2580.82	-37.48	-25	PASS
n7	30	10	513000	1@23	DFT_QPSK	2580.22	-33.94	-25	PASS
n7	30	20	502000	50@0	DFT_QPSK	2476.82	-40.99	-25	PASS
n7	30	20	502000	1@0	DFT_QPSK	2498.93	-16.98	-10	PASS
n7	30	20	512000	50@0	DFT_QPSK	2595.00	-40.36	-25	PASS
n7	30	20	512000	1@50	DFT_QPSK	2571.70	-20.92	-10	PASS

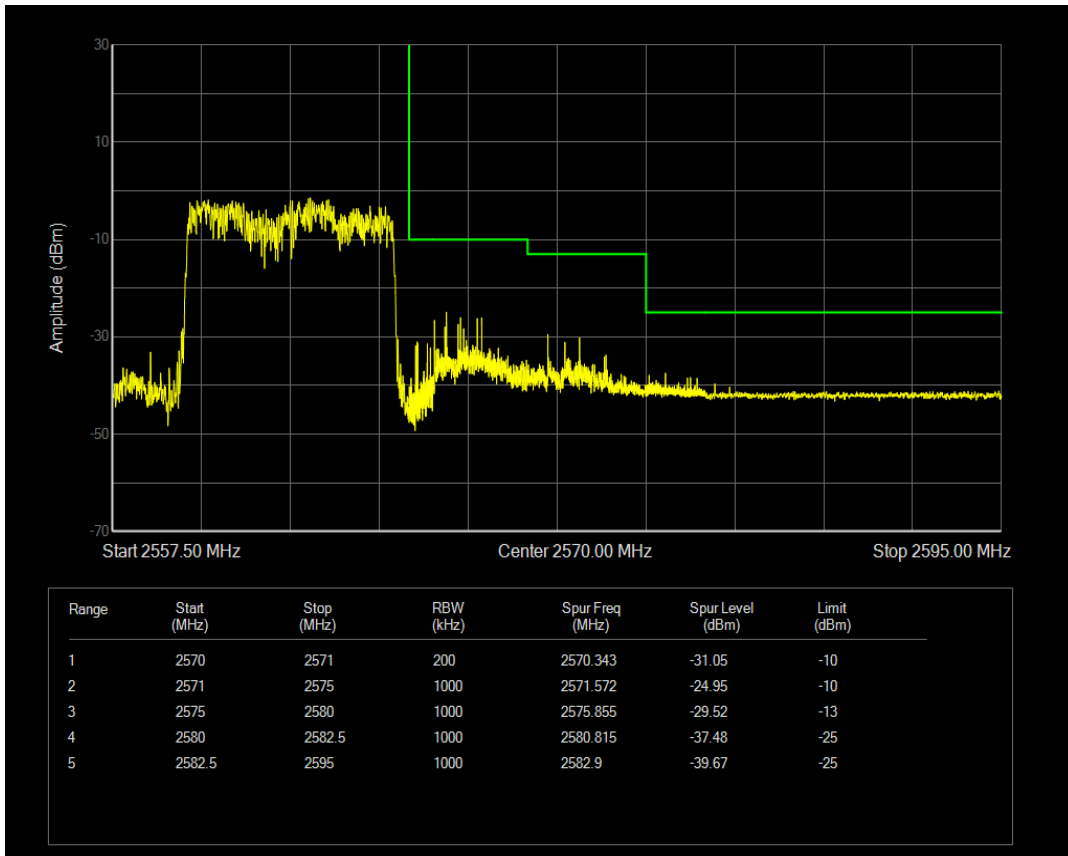
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=501000 RB=24@0



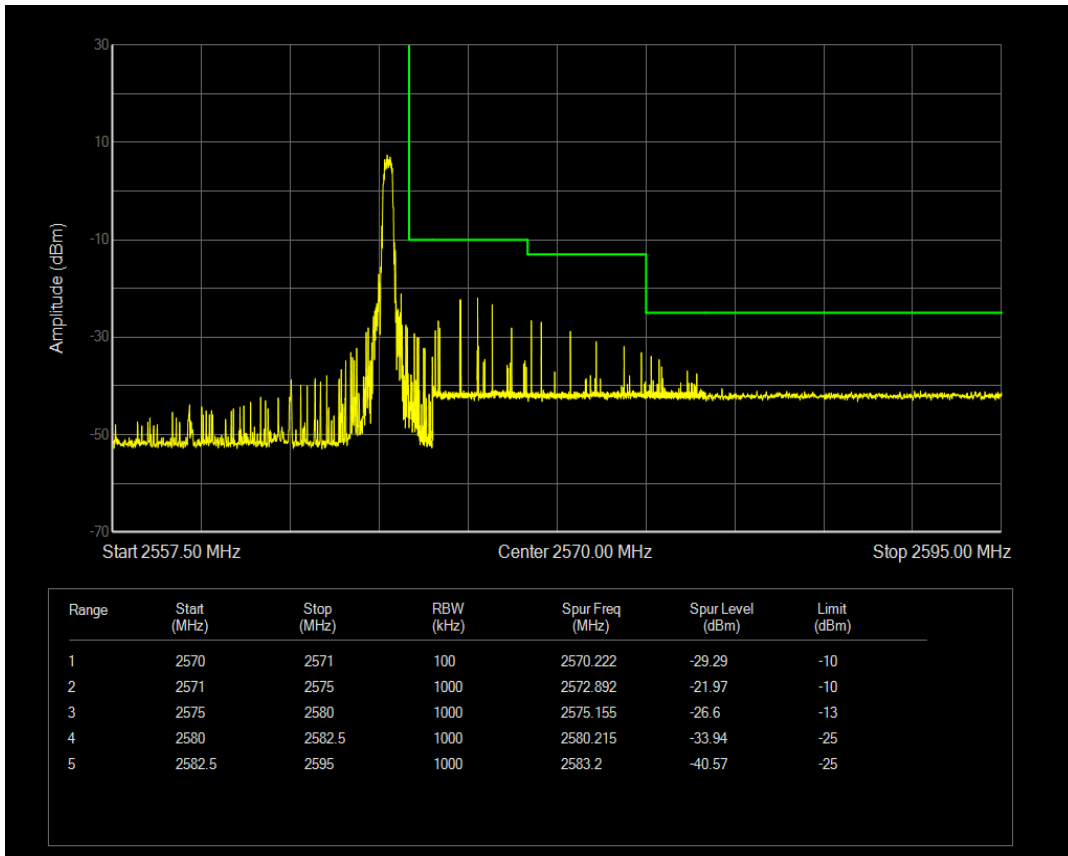
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=501000 RB=1@0



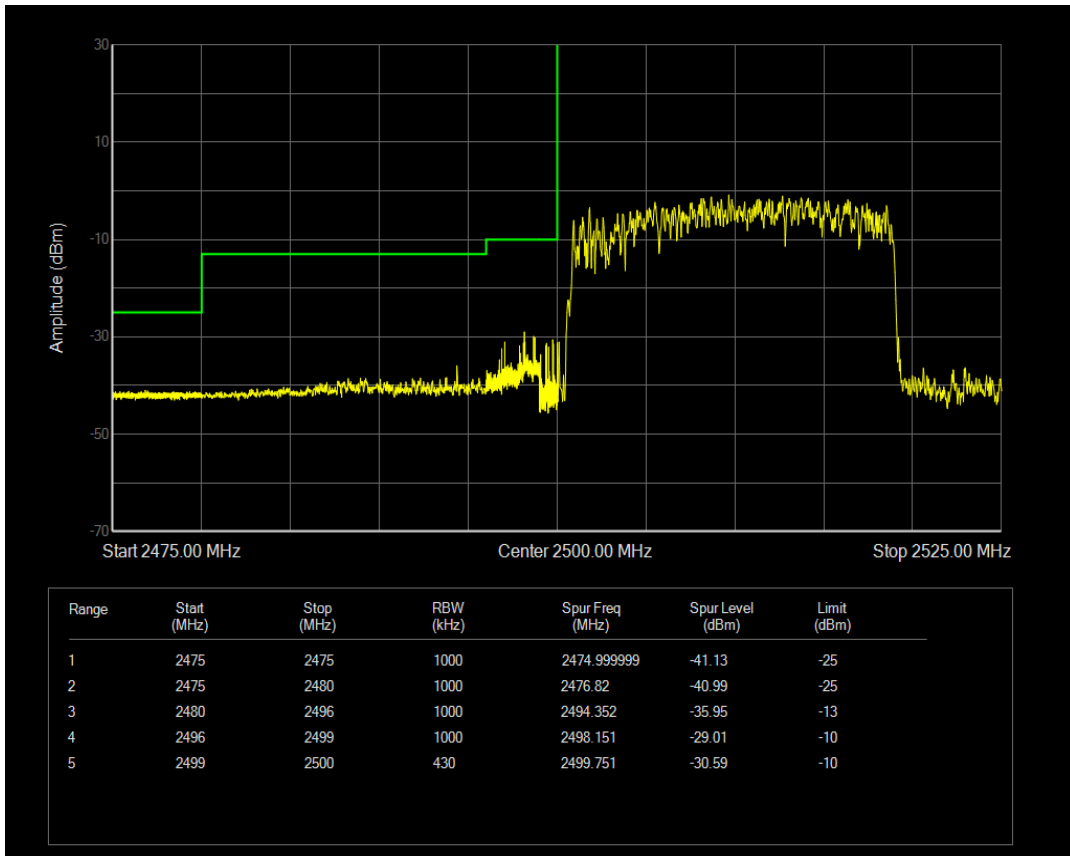
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=513000 RB=24@0



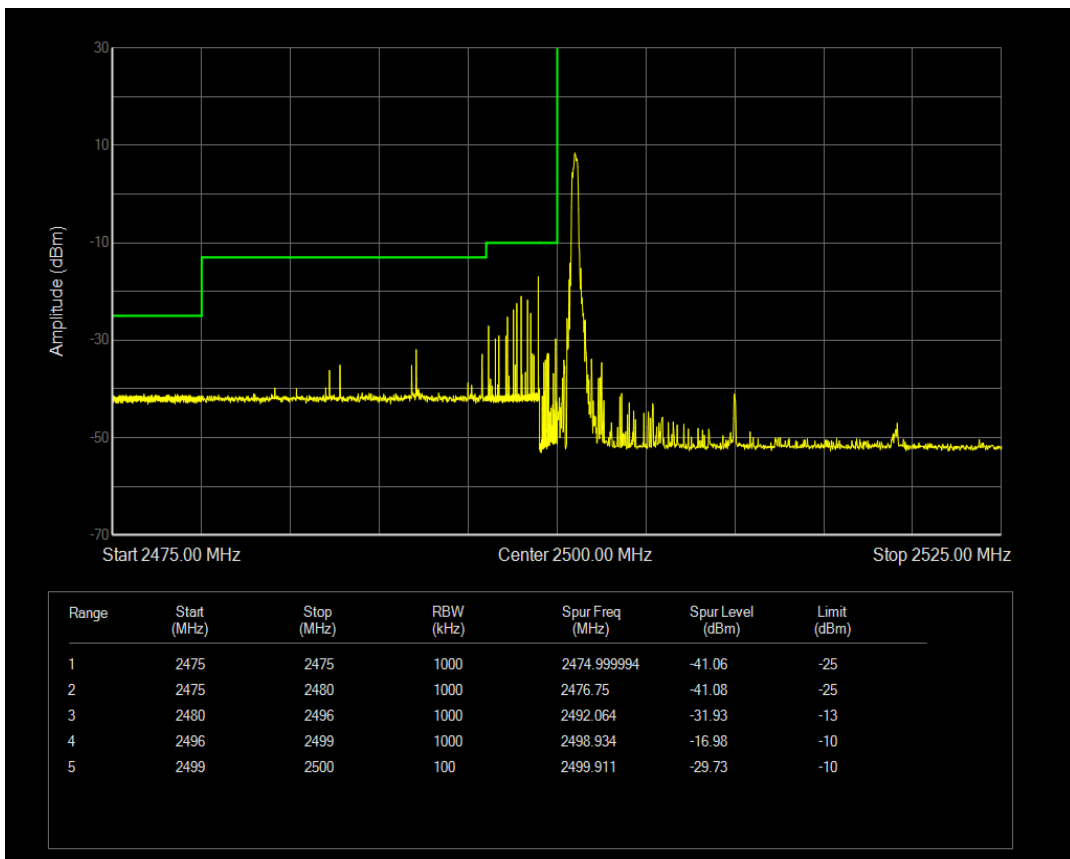
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=513000 RB=1@23



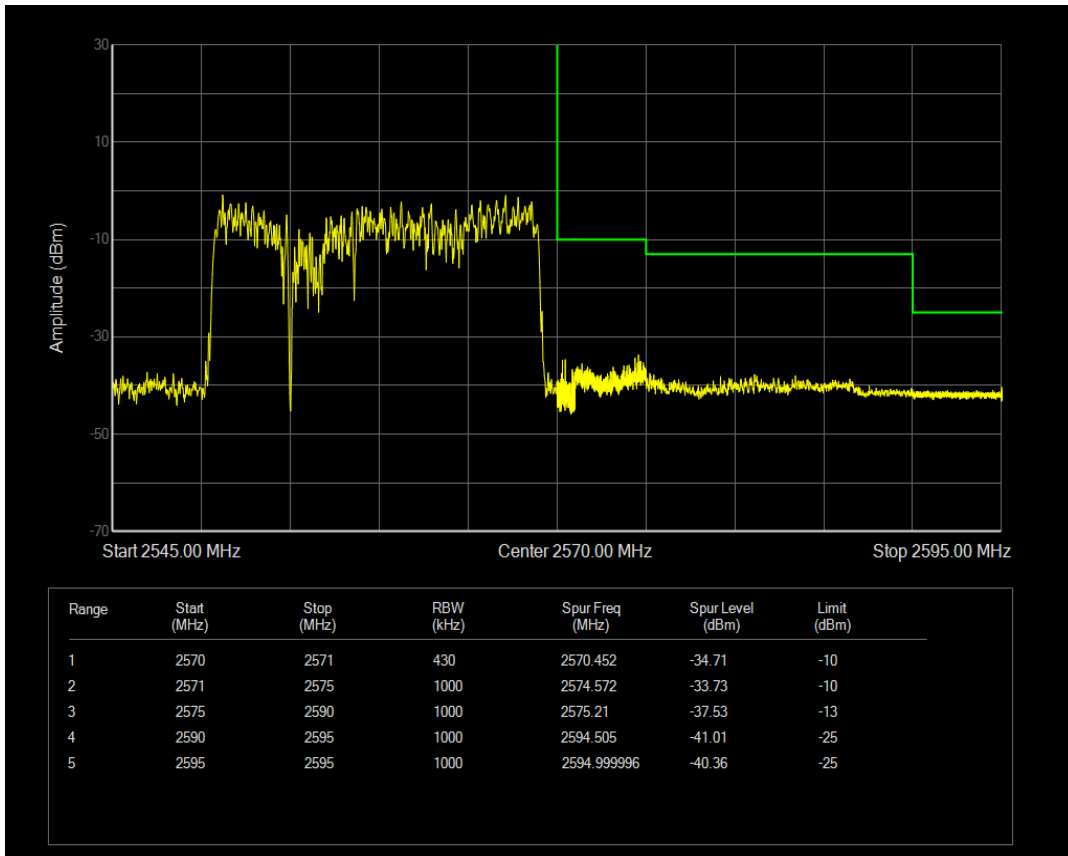
n7 SCS=30kHz DFT_QPSK BW=20MHz Channel=502000 RB=50@0



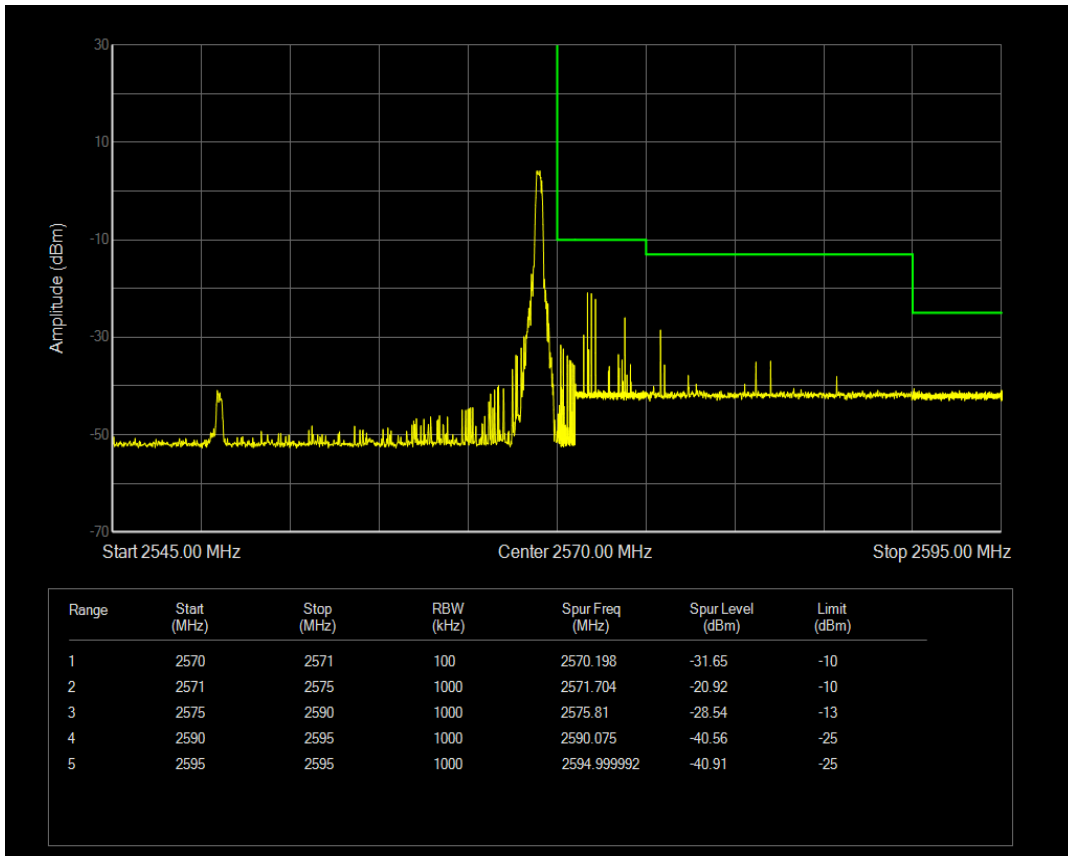
n7 SCS=30kHz DFT_QPSK BW=20MHz Channel=502000 RB=1@0



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



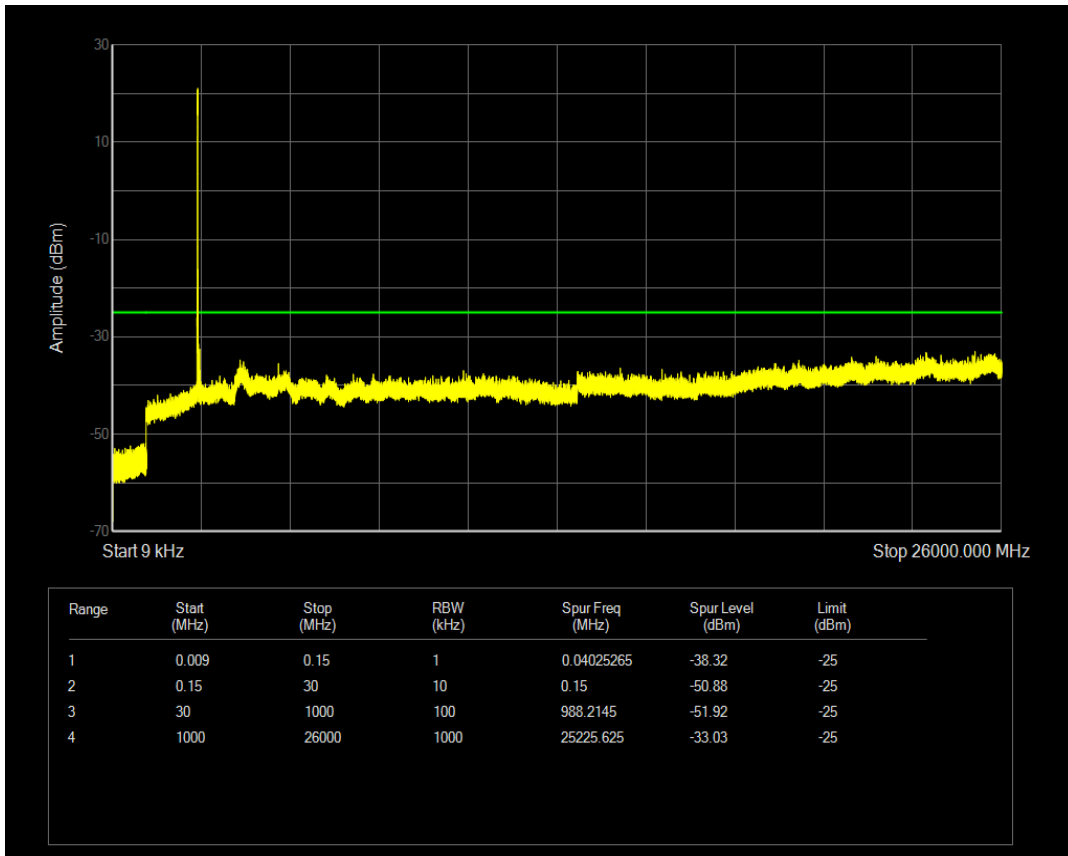
n7 SCS=30kHz DFT_QPSK BW=20MHz Channel=512000 RB=1@50



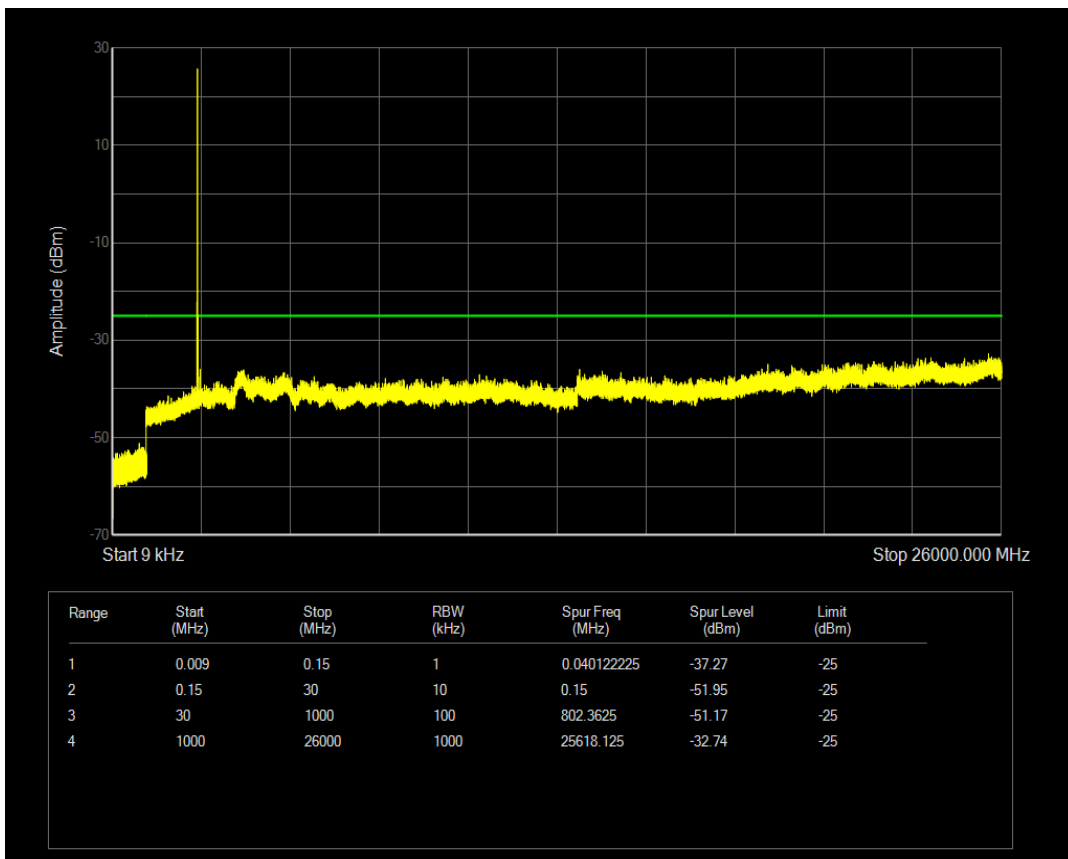
6 Out-of-band emissions for NR FR1

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	25225.63	-33.03	-25	PASS
n7	30	10	501000	1@0	DFT_QPSK	25618.13	-32.74	-25	PASS
n7	30	10	501000	1@23	DFT_QPSK	25799.38	-32.61	-25	PASS
n7	30	10	507000	24@0	DFT_QPSK	25721.88	-33.13	-25	PASS
n7	30	10	507000	1@0	DFT_QPSK	24433.75	-31.82	-25	PASS
n7	30	10	507000	1@23	DFT_QPSK	23973.13	-31.89	-25	PASS
n7	30	10	513000	24@0	DFT_QPSK	25708.13	-32.90	-25	PASS
n7	30	10	513000	1@0	DFT_QPSK	25607.50	-32.23	-25	PASS
n7	30	10	513000	1@23	DFT_QPSK	25727.50	-33.09	-25	PASS
n7	30	20	502000	50@0	DFT_QPSK	25747.50	-32.70	-25	PASS
n7	30	20	502000	1@0	DFT_QPSK	25723.75	-32.43	-25	PASS
n7	30	20	502000	1@50	DFT_QPSK	25556.25	-32.84	-25	PASS
n7	30	20	507000	50@0	DFT_QPSK	25631.88	-32.73	-25	PASS
n7	30	20	507000	1@0	DFT_QPSK	25599.38	-32.66	-25	PASS
n7	30	20	507000	1@50	DFT_QPSK	25725.00	-32.27	-25	PASS
n7	30	20	512000	50@0	DFT_QPSK	25758.75	-33.06	-25	PASS
n7	30	20	512000	1@0	DFT_QPSK	25698.75	-32.84	-25	PASS
n7	30	20	512000	1@50	DFT_QPSK	25723.75	-32.36	-25	PASS

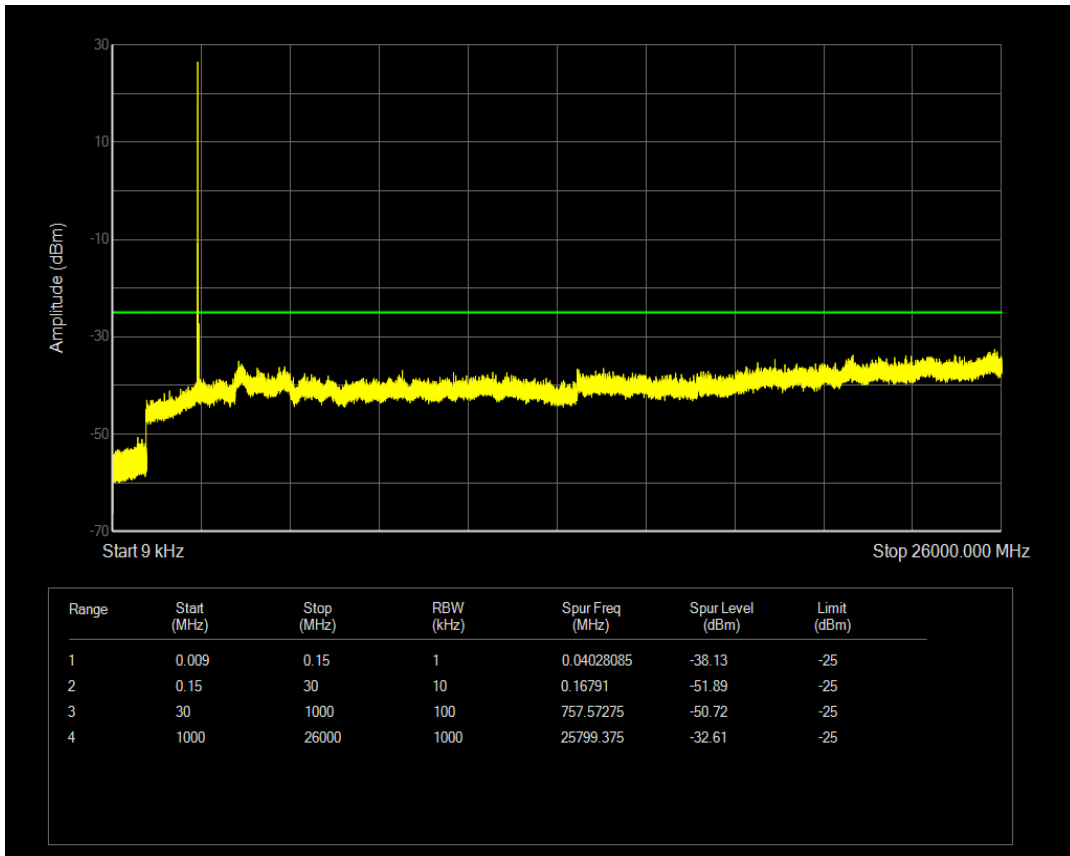
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=501000 RB=24@0



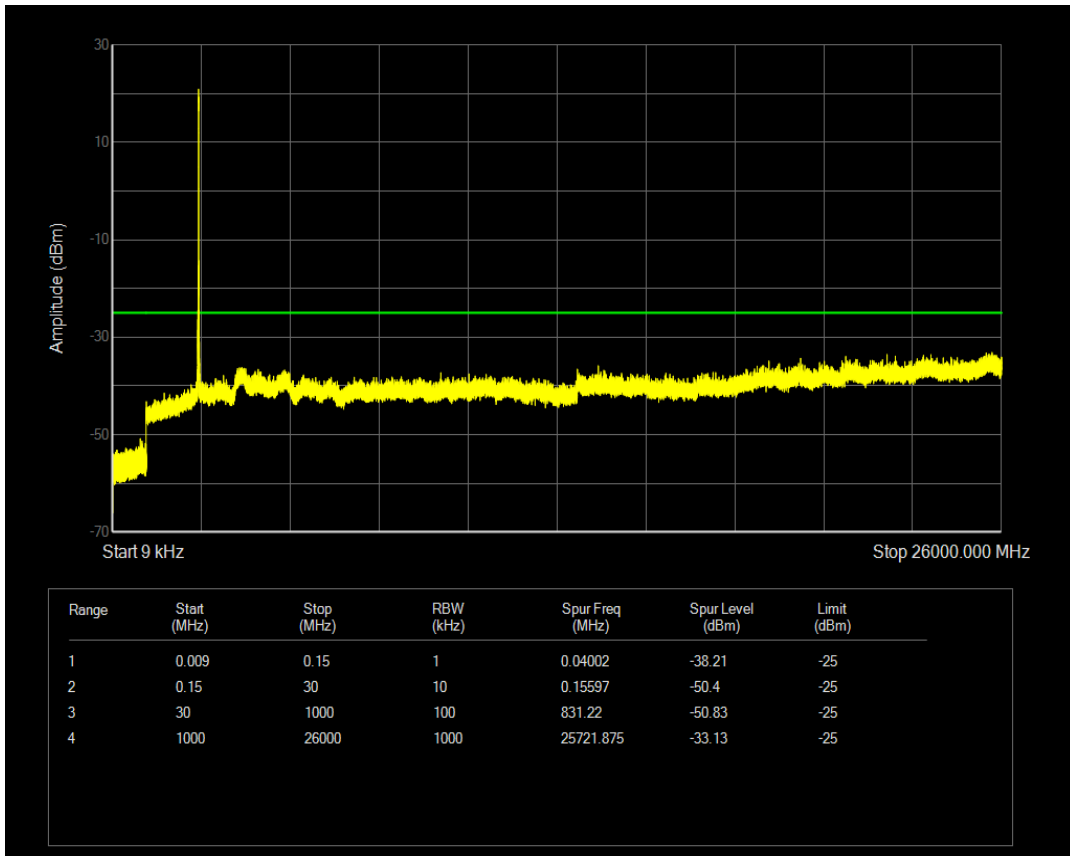
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=501000 RB=1@0



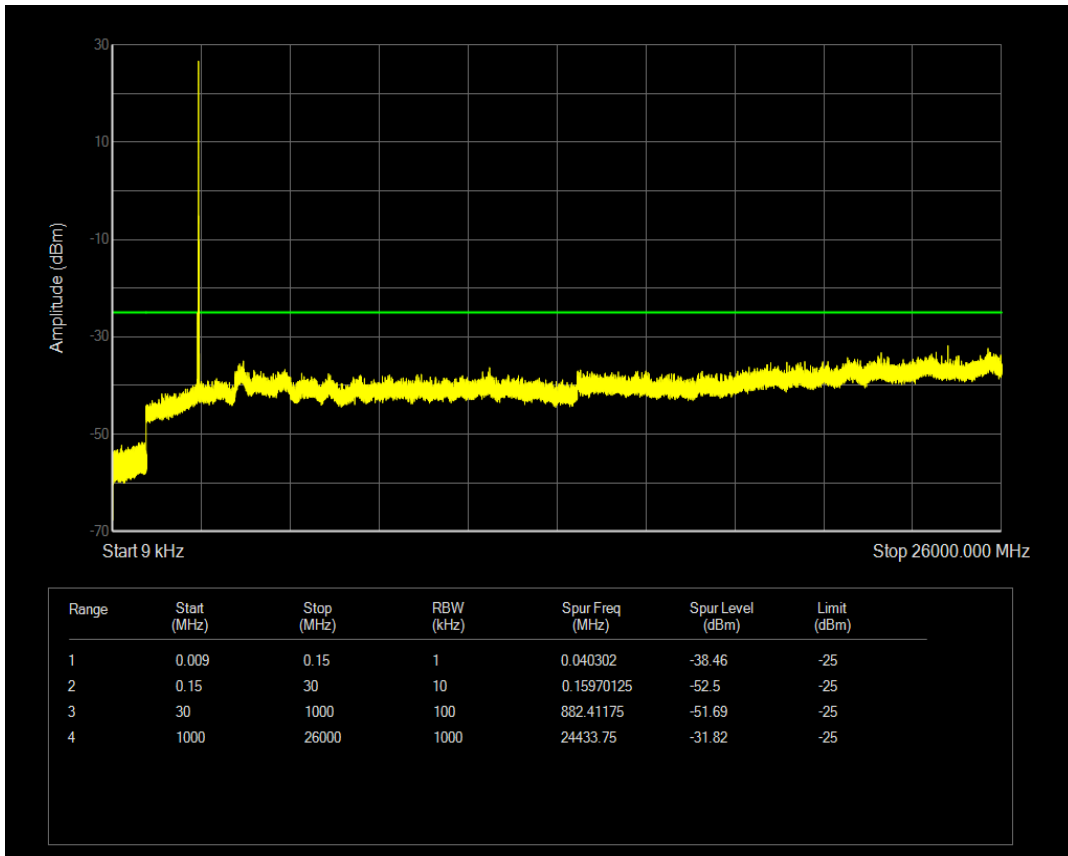
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=501000 RB=1@23



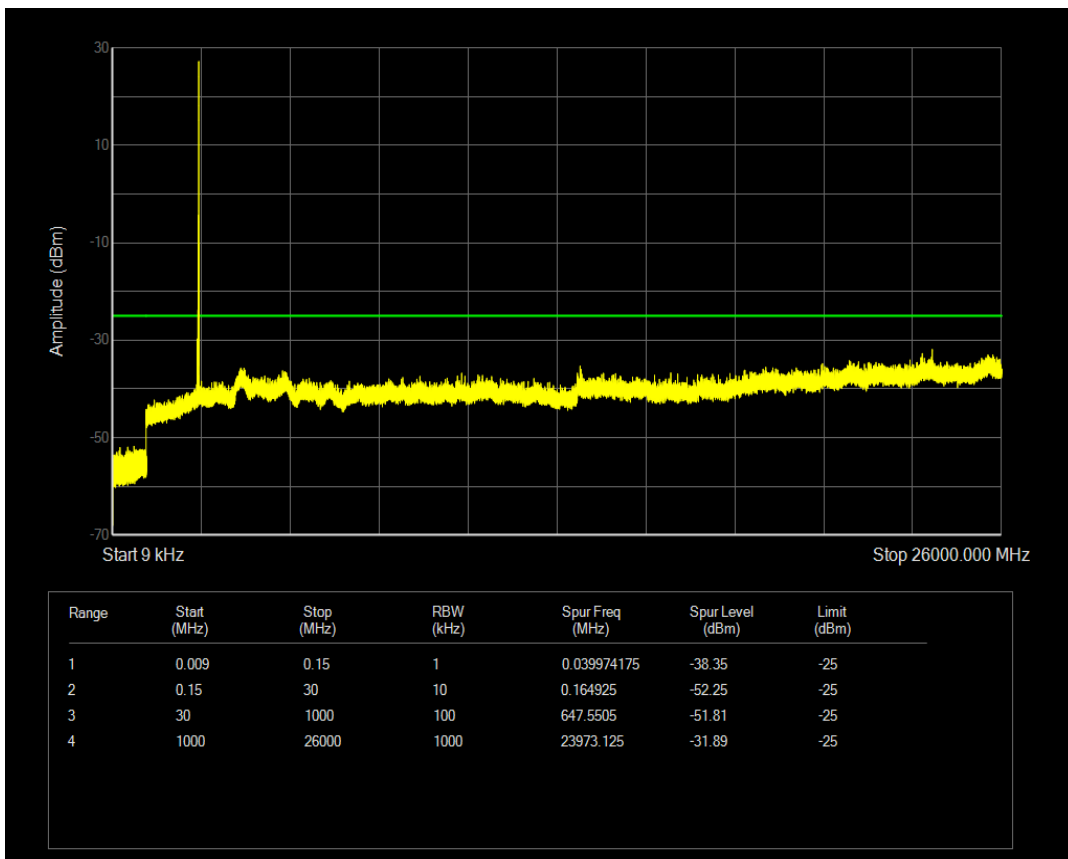
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=507000 RB=24@0



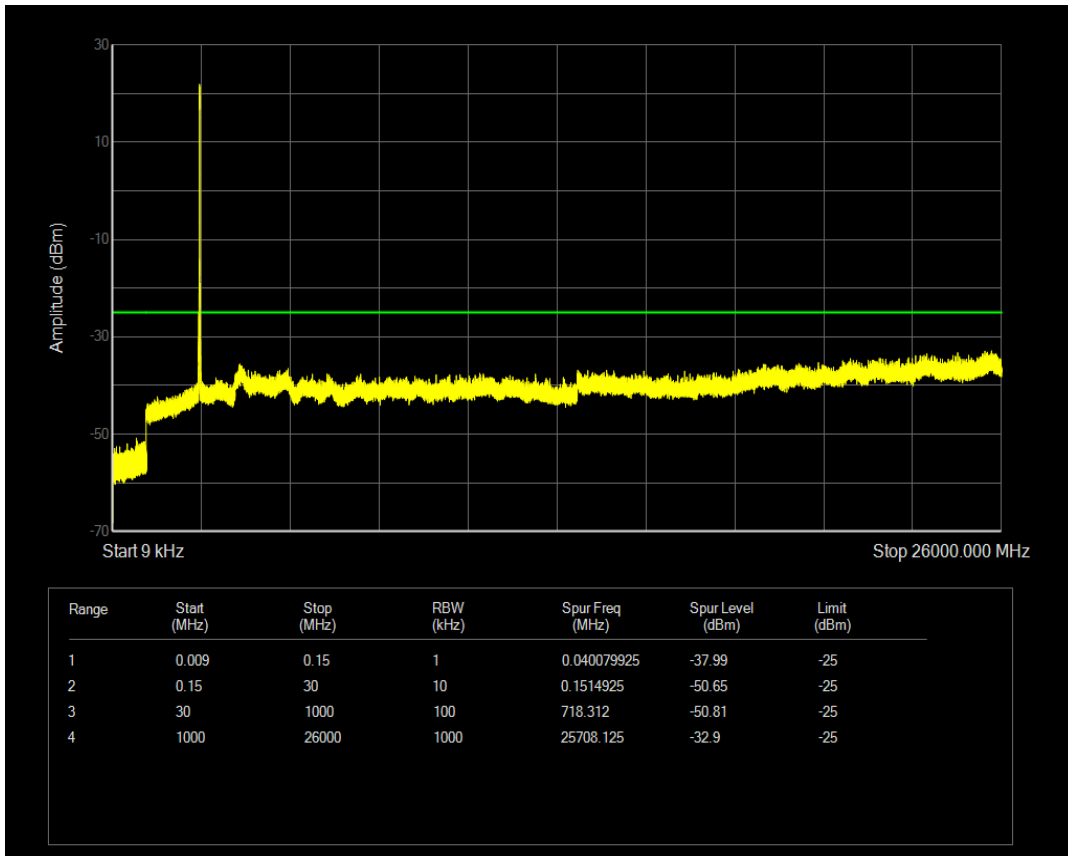
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=507000 RB=1@0



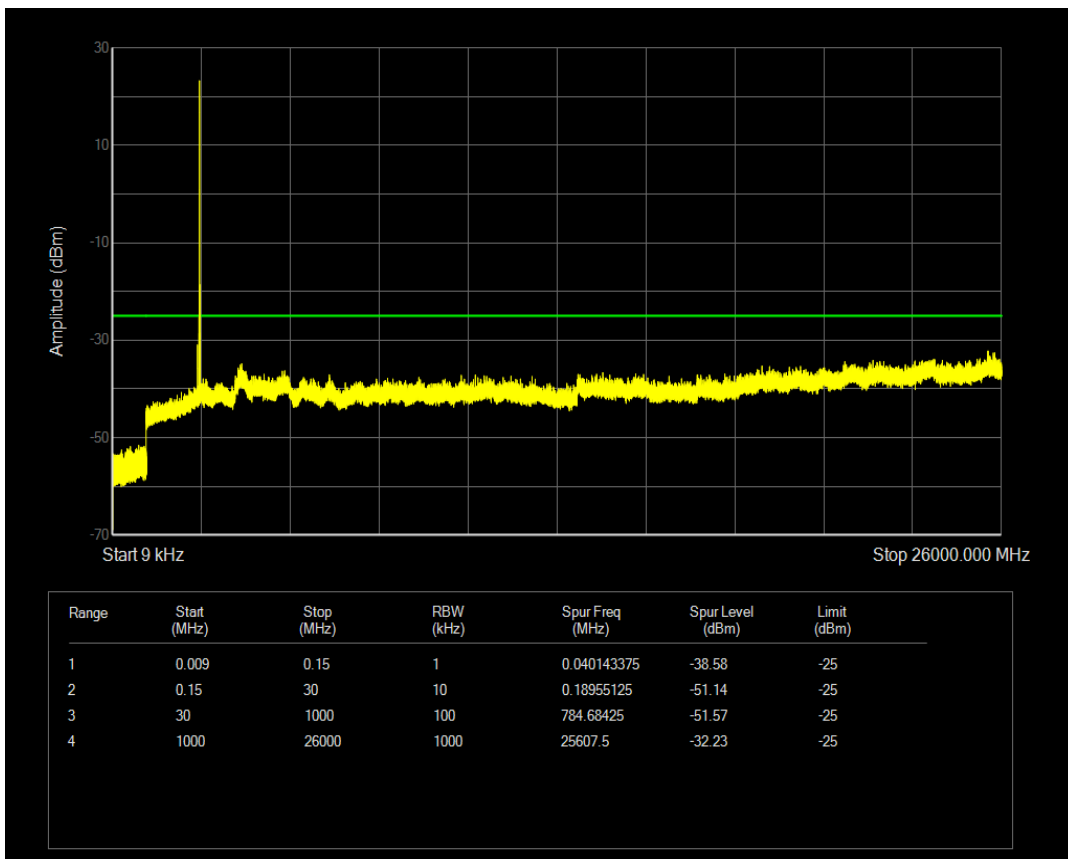
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=507000 RB=1@23



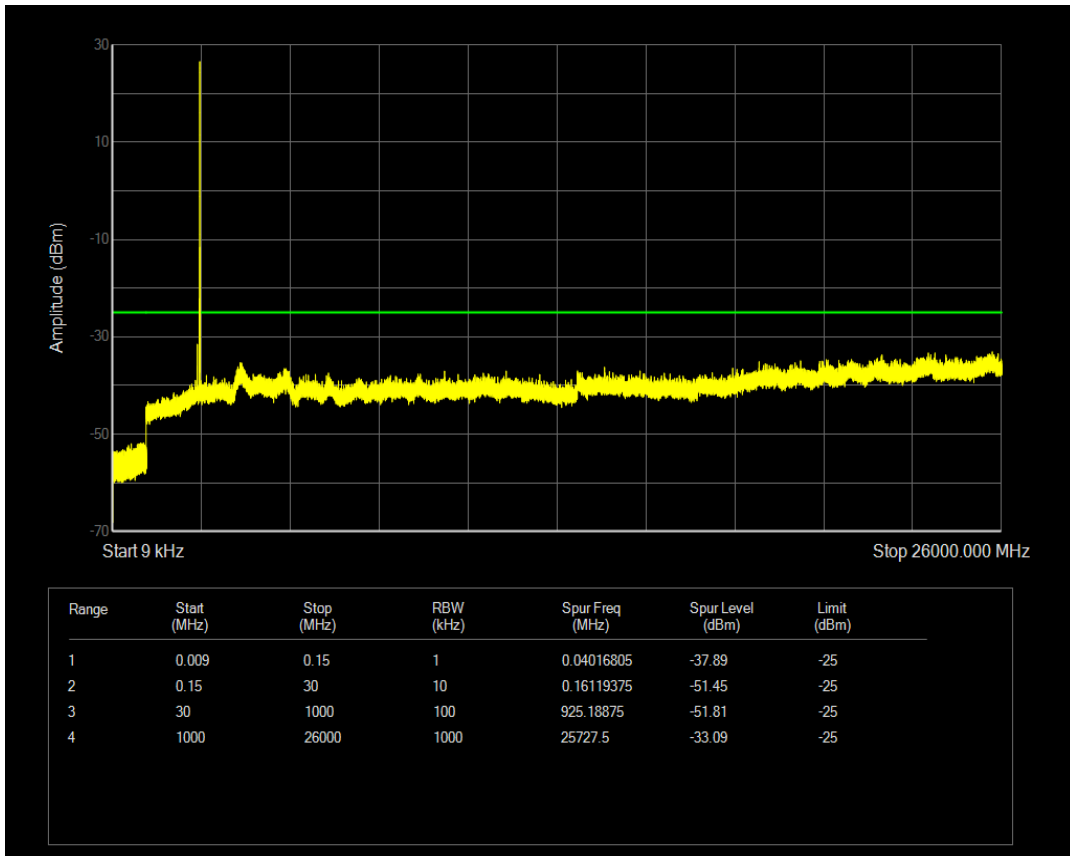
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=513000 RB=24@0



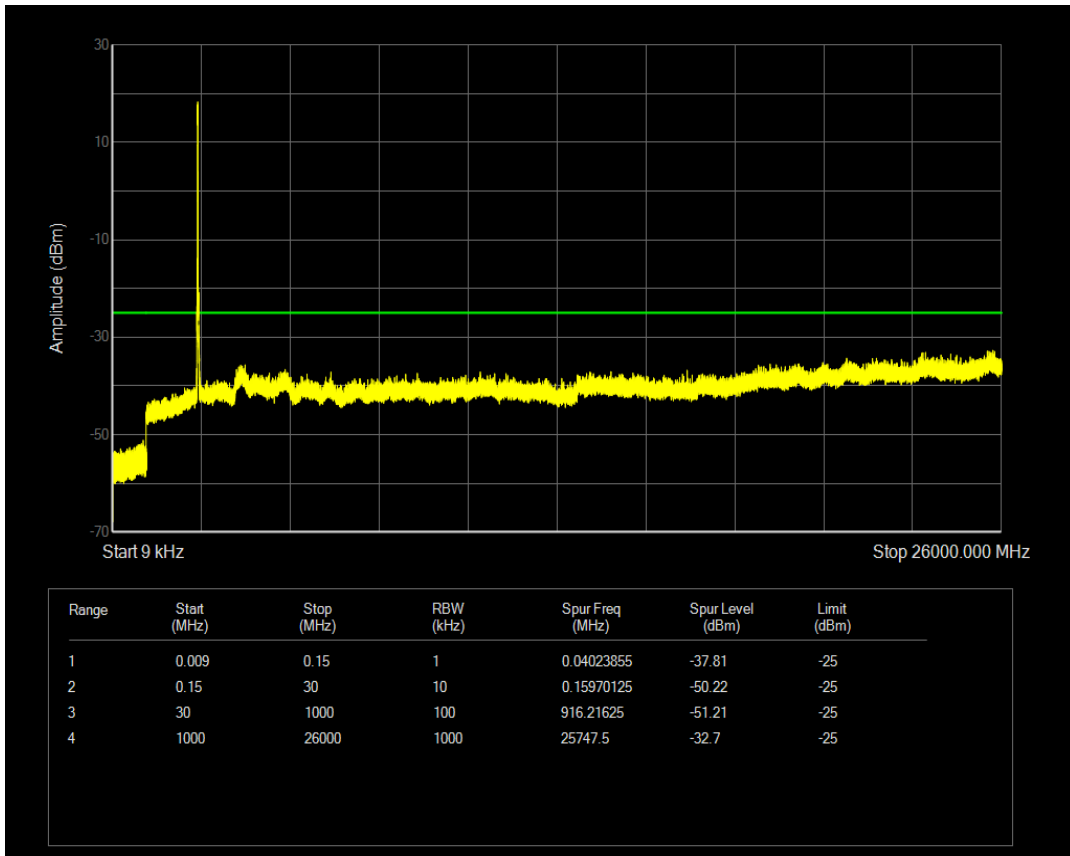
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=513000 RB=1@0



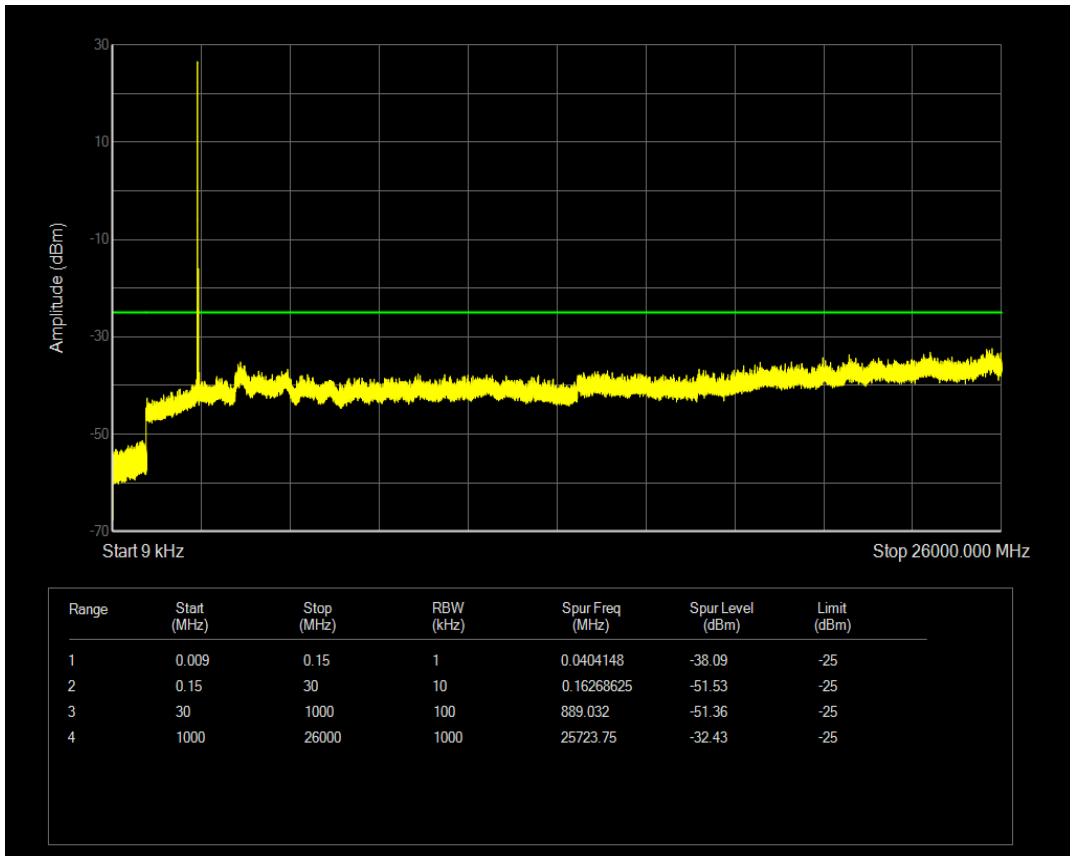
n7 SCS=30kHz DFT_QPSK BW=10MHz Channel=513000 RB=1@23



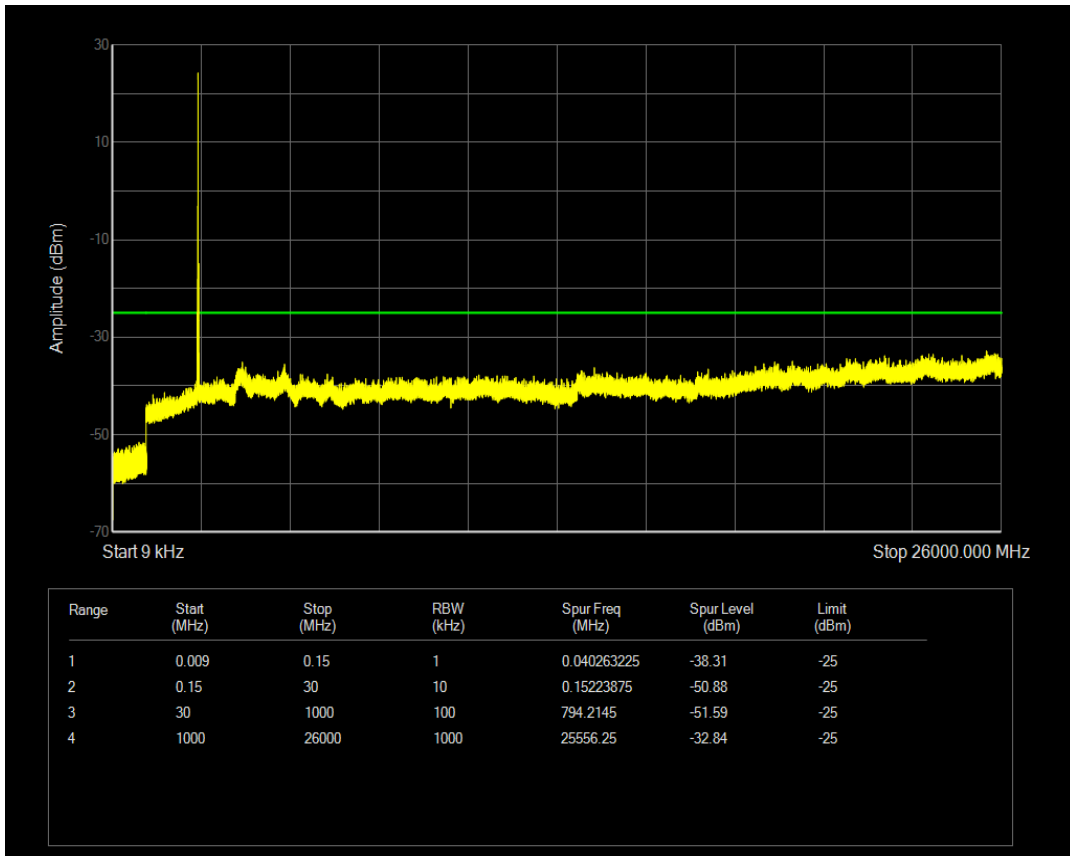
n7 SCS=30kHz DFT_QPSK BW=20MHz Channel=502000 RB=50@0



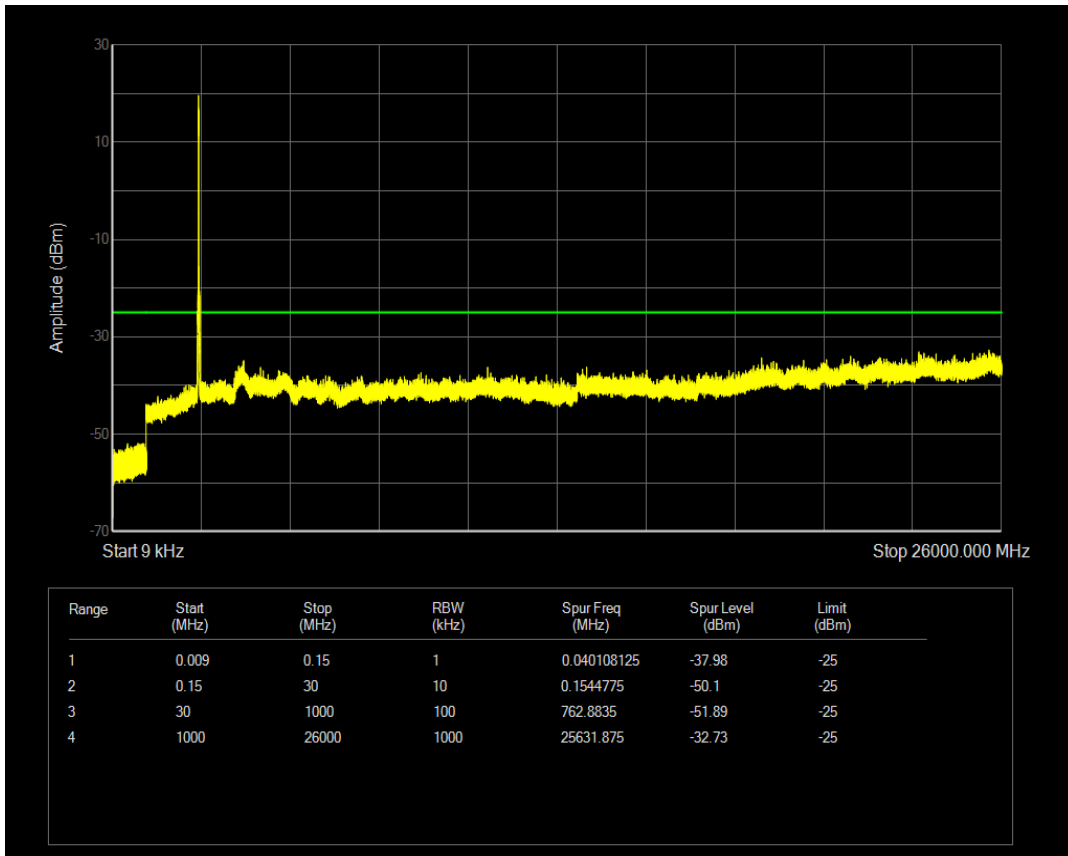
n7 SCS=30kHz DFT_QPSK BW=20MHz Channel=502000 RB=1@0



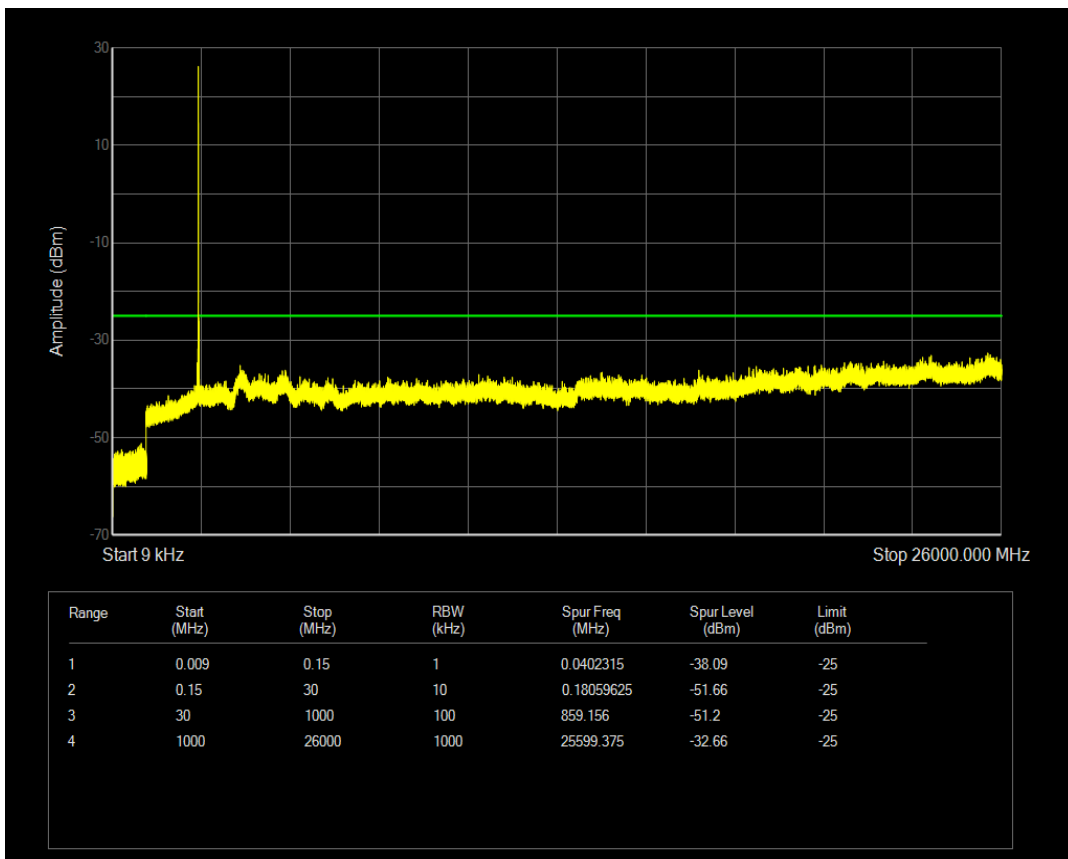
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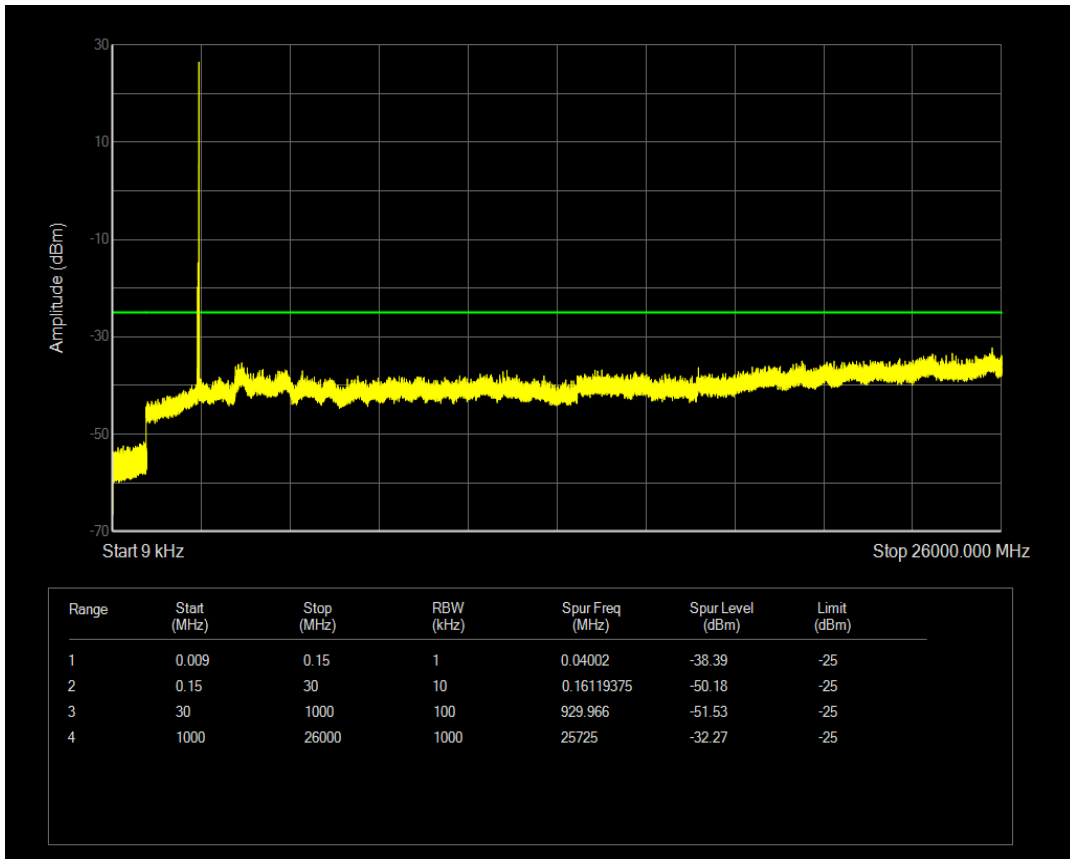
n7 SCS=30kHz DFT_QPSK BW=20MHz Channel=507000 RB=50@0



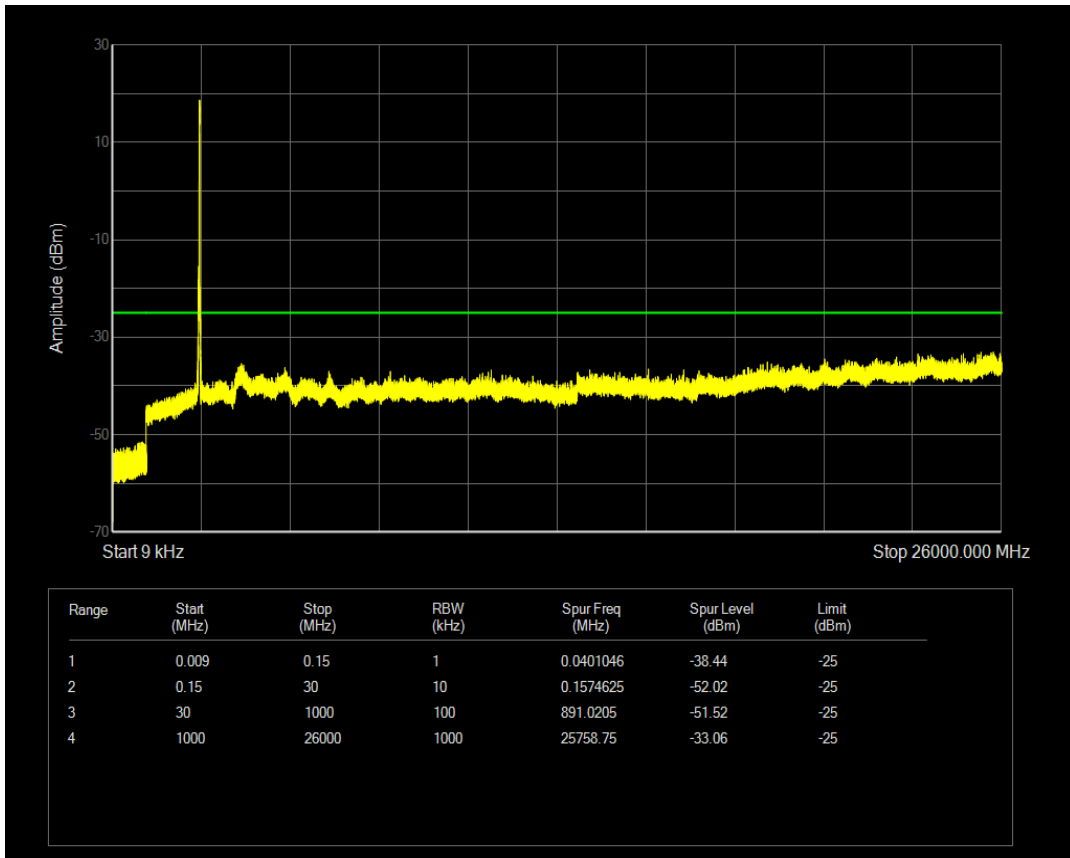
n7 SCS=30kHz DFT_QPSK BW=20MHz Channel=507000 RB=1@0



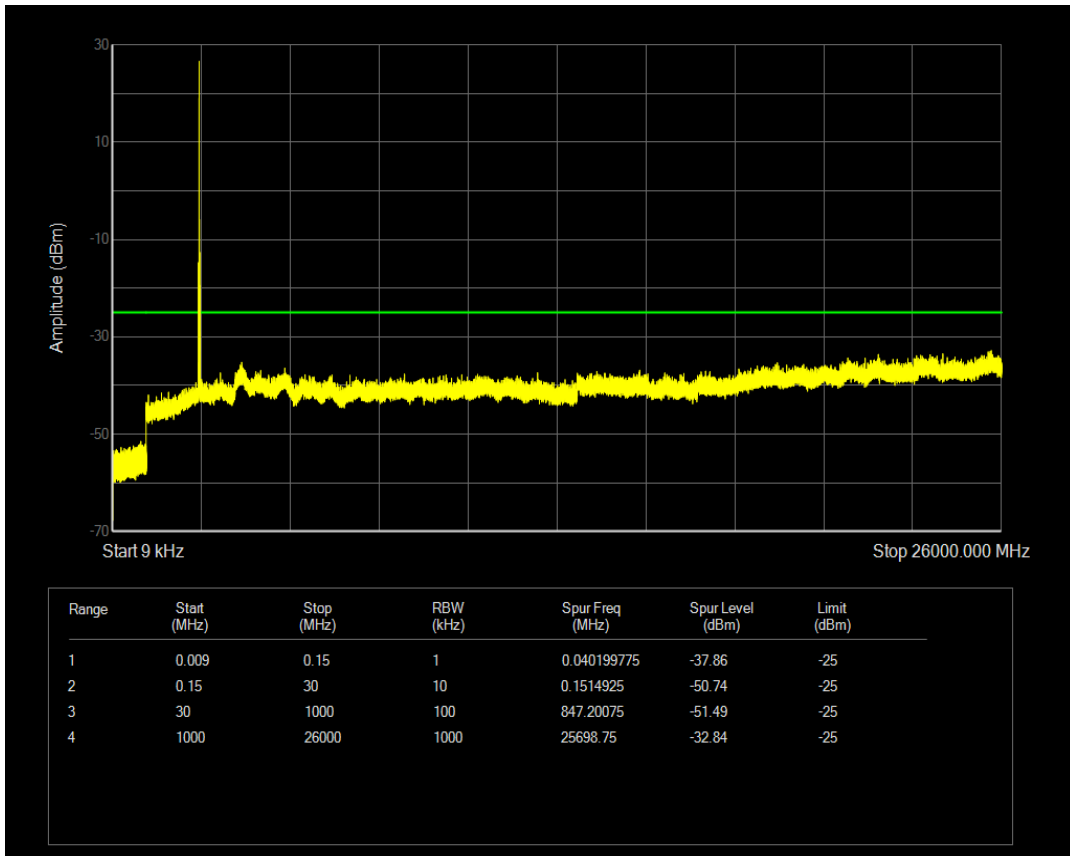
n7 SCS=30kHz DFT_QPSK BW=20MHz Channel=507000 RB=1@50



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

