

1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	EIRP (dBm)	high Limit (dBm)	Verdict
n2	30	10	371000	12@6	DFT_BPSK	23.63	23.03	37	PASS
n2	30	10	371000	1@1	DFT_BPSK	23.55	22.95	37	PASS
n2	30	10	371000	1@22	DFT_BPSK	23.51	22.91	37	PASS
n2	30	10	371000	12@6	DFT_QPSK	23.64	23.04	37	PASS
n2	30	10	371000	1@1	DFT_QPSK	23.43	22.83	37	PASS
n2	30	10	371000	1@22	DFT_QPSK	23.42	22.82	37	PASS
n2	30	10	371000	12@6	DFT_QAM16	22.65	22.05	37	PASS
n2	30	10	371000	1@1	DFT_QAM16	23.18	22.58	37	PASS
n2	30	10	371000	1@22	DFT_QAM16	23.12	22.52	37	PASS
n2	30	10	371000	12@6	DFT_QAM64	21.20	20.60	37	PASS
n2	30	10	371000	1@1	DFT_QAM64	21.26	20.66	37	PASS
n2	30	10	371000	1@22	DFT_QAM64	21.23	20.63	37	PASS
n2	30	10	371000	12@6	DFT_QAM256	19.34	18.74	37	PASS
n2	30	10	371000	1@1	DFT_QAM256	19.40	18.80	37	PASS
n2	30	10	371000	1@22	DFT_QAM256	19.38	18.78	37	PASS
n2	30	10	371000	12@6	CP_QPSK	22.13	21.53	37	PASS
n2	30	10	371000	1@1	CP_QPSK	22.11	21.51	37	PASS
n2	30	10	371000	1@22	CP_QPSK	21.98	21.38	37	PASS
n2	30	10	371000	12@6	CP_QAM16	21.56	20.96	37	PASS
n2	30	10	371000	1@1	CP_QAM16	21.71	21.11	37	PASS
n2	30	10	371000	1@22	CP_QAM16	21.73	21.13	37	PASS
n2	30	10	371000	12@6	CP_QAM64	20.07	19.47	37	PASS
n2	30	10	371000	1@1	CP_QAM64	20.31	19.71	37	PASS
n2	30	10	371000	1@22	CP_QAM64	20.28	19.68	37	PASS
n2	30	10	371000	12@6	CP_QAM256	17.20	16.60	37	PASS
n2	30	10	371000	1@1	CP_QAM256	16.83	16.23	37	PASS
n2	30	10	371000	1@22	CP_QAM256	16.94	16.34	37	PASS
n2	30	10	376000	12@6	DFT_BPSK	23.20	22.60	37	PASS
n2	30	10	376000	1@1	DFT_BPSK	23.21	22.61	37	PASS
n2	30	10	376000	1@22	DFT_BPSK	23.12	22.52	37	PASS
n2	30	10	376000	12@6	DFT_QPSK	23.23	22.63	37	PASS
n2	30	10	376000	1@1	DFT_QPSK	23.16	22.56	37	PASS
n2	30	10	376000	1@22	DFT_QPSK	23.04	22.44	37	PASS
n2	30	10	376000	12@6	DFT_QAM16	22.19	21.59	37	PASS
n2	30	10	376000	1@1	DFT_QAM16	22.79	22.19	37	PASS
n2	30	10	376000	1@22	DFT_QAM16	22.64	22.04	37	PASS
n2	30	10	376000	12@6	DFT_QAM64	20.77	20.17	37	PASS
n2	30	10	376000	1@1	DFT_QAM64	20.89	20.29	37	PASS

n2	30	10	376000	1@22	DFT_QAM64	20.83	20.23	37	PASS
n2	30	10	376000	12@6	DFT_QAM256	18.97	18.37	37	PASS
n2	30	10	376000	1@1	DFT_QAM256	18.88	18.28	37	PASS
n2	30	10	376000	1@22	DFT_QAM256	19.08	18.48	37	PASS
n2	30	10	376000	12@6	CP_QPSK	21.62	21.02	37	PASS
n2	30	10	376000	1@1	CP_QPSK	21.69	21.09	37	PASS
n2	30	10	376000	1@22	CP_QPSK	21.64	21.04	37	PASS
n2	30	10	376000	12@6	CP_QAM16	21.15	20.55	37	PASS
n2	30	10	376000	1@1	CP_QAM16	21.47	20.87	37	PASS
n2	30	10	376000	1@22	CP_QAM16	21.48	20.88	37	PASS
n2	30	10	376000	12@6	CP_QAM64	19.83	19.23	37	PASS
n2	30	10	376000	1@1	CP_QAM64	20.12	19.52	37	PASS
n2	30	10	376000	1@22	CP_QAM64	19.30	18.70	37	PASS
n2	30	10	376000	12@6	CP_QAM256	16.80	16.20	37	PASS
n2	30	10	376000	1@1	CP_QAM256	16.54	15.94	37	PASS
n2	30	10	376000	1@22	CP_QAM256	16.46	15.86	37	PASS
n2	30	10	381000	12@6	DFT_BPSK	23.13	22.53	37	PASS
n2	30	10	381000	1@1	DFT_BPSK	23.06	22.46	37	PASS
n2	30	10	381000	1@22	DFT_BPSK	23.09	22.49	37	PASS
n2	30	10	381000	12@6	DFT_QPSK	23.20	22.60	37	PASS
n2	30	10	381000	1@1	DFT_QPSK	23.04	22.44	37	PASS
n2	30	10	381000	1@22	DFT_QPSK	23.02	22.42	37	PASS
n2	30	10	381000	12@6	DFT_QAM16	22.22	21.62	37	PASS
n2	30	10	381000	1@1	DFT_QAM16	22.78	22.18	37	PASS
n2	30	10	381000	1@22	DFT_QAM16	22.92	22.32	37	PASS
n2	30	10	381000	12@6	DFT_QAM64	20.87	20.27	37	PASS
n2	30	10	381000	1@1	DFT_QAM64	20.69	20.09	37	PASS
n2	30	10	381000	1@22	DFT_QAM64	20.76	20.16	37	PASS
n2	30	10	381000	12@6	DFT_QAM256	18.99	18.39	37	PASS
n2	30	10	381000	1@1	DFT_QAM256	19.03	18.43	37	PASS
n2	30	10	381000	1@22	DFT_QAM256	18.97	18.37	37	PASS
n2	30	10	381000	12@6	CP_QPSK	21.78	21.18	37	PASS
n2	30	10	381000	1@1	CP_QPSK	21.73	21.13	37	PASS
n2	30	10	381000	1@22	CP_QPSK	21.92	21.32	37	PASS
n2	30	10	381000	12@6	CP_QAM16	21.13	20.53	37	PASS
n2	30	10	381000	1@1	CP_QAM16	21.30	20.70	37	PASS
n2	30	10	381000	1@22	CP_QAM16	21.38	20.78	37	PASS
n2	30	10	381000	12@6	CP_QAM64	19.77	19.17	37	PASS
n2	30	10	381000	1@1	CP_QAM64	19.98	19.38	37	PASS
n2	30	10	381000	1@22	CP_QAM64	19.97	19.37	37	PASS
n2	30	10	381000	12@6	CP_QAM256	16.80	16.20	37	PASS
n2	30	10	381000	1@1	CP_QAM256	16.49	15.89	37	PASS

n2	30	10	381000	1@22	CP_QAM256	16.65	16.05	37	PASS
n2	30	15	371500	18@9	DFT_BPSK	23.56	22.96	37	PASS
n2	30	15	371500	1@1	DFT_BPSK	23.49	22.89	37	PASS
n2	30	15	371500	1@36	DFT_BPSK	23.41	22.81	37	PASS
n2	30	15	371500	18@9	DFT_QPSK	23.58	22.98	37	PASS
n2	30	15	371500	1@1	DFT_QPSK	23.34	22.74	37	PASS
n2	30	15	371500	1@36	DFT_QPSK	23.27	22.67	37	PASS
n2	30	15	371500	18@9	DFT_QAM16	22.52	21.92	37	PASS
n2	30	15	371500	1@1	DFT_QAM16	22.85	22.25	37	PASS
n2	30	15	371500	1@36	DFT_QAM16	22.80	22.20	37	PASS
n2	30	15	371500	18@9	DFT_QAM64	21.10	20.50	37	PASS
n2	30	15	371500	1@1	DFT_QAM64	21.10	20.50	37	PASS
n2	30	15	371500	1@36	DFT_QAM64	21.10	20.50	37	PASS
n2	30	15	371500	18@9	DFT_QAM256	19.24	18.64	37	PASS
n2	30	15	371500	1@1	DFT_QAM256	19.42	18.82	37	PASS
n2	30	15	371500	1@36	DFT_QAM256	19.34	18.74	37	PASS
n2	30	15	371500	19@9	CP_QPSK	21.94	21.34	37	PASS
n2	30	15	371500	1@1	CP_QPSK	22.01	21.41	37	PASS
n2	30	15	371500	1@36	CP_QPSK	21.79	21.19	37	PASS
n2	30	15	371500	19@9	CP_QAM16	21.60	21.00	37	PASS
n2	30	15	371500	1@1	CP_QAM16	21.66	21.06	37	PASS
n2	30	15	371500	1@36	CP_QAM16	21.63	21.03	37	PASS
n2	30	15	371500	19@9	CP_QAM64	19.94	19.34	37	PASS
n2	30	15	371500	1@1	CP_QAM64	19.42	18.82	37	PASS
n2	30	15	371500	1@36	CP_QAM64	19.42	18.82	37	PASS
n2	30	15	371500	19@9	CP_QAM256	17.11	16.51	37	PASS
n2	30	15	371500	1@1	CP_QAM256	16.87	16.27	37	PASS
n2	30	15	371500	1@36	CP_QAM256	16.86	16.26	37	PASS
n2	30	15	376000	18@9	DFT_BPSK	23.19	22.59	37	PASS
n2	30	15	376000	1@1	DFT_BPSK	23.09	22.49	37	PASS
n2	30	15	376000	1@36	DFT_BPSK	23.02	22.42	37	PASS
n2	30	15	376000	18@9	DFT_QPSK	23.22	22.62	37	PASS
n2	30	15	376000	1@1	DFT_QPSK	23.01	22.41	37	PASS
n2	30	15	376000	1@36	DFT_QPSK	22.94	22.34	37	PASS
n2	30	15	376000	18@9	DFT_QAM16	22.27	21.67	37	PASS
n2	30	15	376000	1@1	DFT_QAM16	22.68	22.08	37	PASS
n2	30	15	376000	1@36	DFT_QAM16	22.67	22.07	37	PASS
n2	30	15	376000	18@9	DFT_QAM64	20.71	20.11	37	PASS
n2	30	15	376000	1@1	DFT_QAM64	20.82	20.22	37	PASS
n2	30	15	376000	1@36	DFT_QAM64	20.71	20.11	37	PASS
n2	30	15	376000	18@9	DFT_QAM256	18.93	18.33	37	PASS
n2	30	15	376000	1@1	DFT_QAM256	19.08	18.48	37	PASS

n2	30	15	376000	1@36	DFT_QAM256	18.81	18.21	37	PASS
n2	30	15	376000	19@9	CP_QPSK	21.78	21.18	37	PASS
n2	30	15	376000	1@1	CP_QPSK	21.71	21.11	37	PASS
n2	30	15	376000	1@36	CP_QPSK	21.66	21.06	37	PASS
n2	30	15	376000	19@9	CP_QAM16	21.11	20.51	37	PASS
n2	30	15	376000	1@1	CP_QAM16	21.45	20.85	37	PASS
n2	30	15	376000	1@36	CP_QAM16	21.34	20.74	37	PASS
n2	30	15	376000	19@9	CP_QAM64	19.88	19.28	37	PASS
n2	30	15	376000	1@1	CP_QAM64	20.16	19.56	37	PASS
n2	30	15	376000	1@36	CP_QAM64	20.05	19.45	37	PASS
n2	30	15	376000	19@9	CP_QAM256	16.71	16.11	37	PASS
n2	30	15	376000	1@1	CP_QAM256	16.62	16.02	37	PASS
n2	30	15	376000	1@36	CP_QAM256	16.66	16.06	37	PASS
n2	30	15	380500	18@9	DFT_BPSK	23.19	22.59	37	PASS
n2	30	15	380500	1@1	DFT_BPSK	23.09	22.49	37	PASS
n2	30	15	380500	1@36	DFT_BPSK	23.13	22.53	37	PASS
n2	30	15	380500	18@9	DFT_QPSK	23.19	22.59	37	PASS
n2	30	15	380500	1@1	DFT_QPSK	22.95	22.35	37	PASS
n2	30	15	380500	1@36	DFT_QPSK	23.02	22.42	37	PASS
n2	30	15	380500	18@9	DFT_QAM16	22.15	21.55	37	PASS
n2	30	15	380500	1@1	DFT_QAM16	22.57	21.97	37	PASS
n2	30	15	380500	1@36	DFT_QAM16	22.70	22.10	37	PASS
n2	30	15	380500	18@9	DFT_QAM64	20.82	20.22	37	PASS
n2	30	15	380500	1@1	DFT_QAM64	20.64	20.04	37	PASS
n2	30	15	380500	1@36	DFT_QAM64	20.93	20.33	37	PASS
n2	30	15	380500	18@9	DFT_QAM256	18.85	18.25	37	PASS
n2	30	15	380500	1@1	DFT_QAM256	18.78	18.18	37	PASS
n2	30	15	380500	1@36	DFT_QAM256	19.11	18.51	37	PASS
n2	30	15	380500	19@9	CP_QPSK	21.61	21.01	37	PASS
n2	30	15	380500	1@1	CP_QPSK	21.67	21.07	37	PASS
n2	30	15	380500	1@36	CP_QPSK	21.75	21.15	37	PASS
n2	30	15	380500	19@9	CP_QAM16	21.21	20.61	37	PASS
n2	30	15	380500	1@1	CP_QAM16	21.23	20.63	37	PASS
n2	30	15	380500	1@36	CP_QAM16	21.38	20.78	37	PASS
n2	30	15	380500	19@9	CP_QAM64	19.75	19.15	37	PASS
n2	30	15	380500	1@1	CP_QAM64	19.45	18.85	37	PASS
n2	30	15	380500	1@36	CP_QAM64	19.30	18.70	37	PASS
n2	30	15	380500	19@9	CP_QAM256	16.73	16.13	37	PASS
n2	30	15	380500	1@1	CP_QAM256	16.64	16.04	37	PASS
n2	30	15	380500	1@36	CP_QAM256	16.55	15.95	37	PASS
n2	30	20	372000	25@12	DFT_BPSK	23.46	22.86	37	PASS
n2	30	20	372000	1@1	DFT_BPSK	23.43	22.83	37	PASS

n2	30	20	372000	1@49	DFT_BPSK	23.27	22.67	37	PASS
n2	30	20	372000	25@12	DFT_QPSK	23.53	22.93	37	PASS
n2	30	20	372000	1@1	DFT_QPSK	23.30	22.70	37	PASS
n2	30	20	372000	1@49	DFT_QPSK	23.08	22.48	37	PASS
n2	30	20	372000	25@12	DFT_QAM16	22.52	21.92	37	PASS
n2	30	20	372000	1@1	DFT_QAM16	23.02	22.42	37	PASS
n2	30	20	372000	1@49	DFT_QAM16	22.69	22.09	37	PASS
n2	30	20	372000	25@12	DFT_QAM64	20.99	20.39	37	PASS
n2	30	20	372000	1@1	DFT_QAM64	21.14	20.54	37	PASS
n2	30	20	372000	1@49	DFT_QAM64	20.97	20.37	37	PASS
n2	30	20	372000	25@12	DFT_QAM256	19.18	18.58	37	PASS
n2	30	20	372000	1@1	DFT_QAM256	19.33	18.73	37	PASS
n2	30	20	372000	1@49	DFT_QAM256	19.16	18.56	37	PASS
n2	30	20	372000	25@12	CP_QPSK	22.02	21.42	37	PASS
n2	30	20	372000	1@1	CP_QPSK	22.07	21.47	37	PASS
n2	30	20	372000	1@49	CP_QPSK	21.77	21.17	37	PASS
n2	30	20	372000	25@12	CP_QAM16	21.51	20.91	37	PASS
n2	30	20	372000	1@1	CP_QAM16	21.52	20.92	37	PASS
n2	30	20	372000	1@49	CP_QAM16	21.46	20.86	37	PASS
n2	30	20	372000	25@12	CP_QAM64	20.06	19.46	37	PASS
n2	30	20	372000	1@1	CP_QAM64	19.64	19.04	37	PASS
n2	30	20	372000	1@49	CP_QAM64	20.19	19.59	37	PASS
n2	30	20	372000	25@12	CP_QAM256	17.22	16.62	37	PASS
n2	30	20	372000	1@1	CP_QAM256	16.93	16.33	37	PASS
n2	30	20	372000	1@49	CP_QAM256	16.71	16.11	37	PASS
n2	30	20	376000	25@12	DFT_BPSK	23.25	22.65	37	PASS
n2	30	20	376000	1@1	DFT_BPSK	23.21	22.61	37	PASS
n2	30	20	376000	1@49	DFT_BPSK	23.03	22.43	37	PASS
n2	30	20	376000	25@12	DFT_QPSK	23.19	22.59	37	PASS
n2	30	20	376000	1@1	DFT_QPSK	22.97	22.37	37	PASS
n2	30	20	376000	1@49	DFT_QPSK	22.90	22.30	37	PASS
n2	30	20	376000	25@12	DFT_QAM16	22.20	21.60	37	PASS
n2	30	20	376000	1@1	DFT_QAM16	22.58	21.98	37	PASS
n2	30	20	376000	1@49	DFT_QAM16	22.49	21.89	37	PASS
n2	30	20	376000	25@12	DFT_QAM64	20.72	20.12	37	PASS
n2	30	20	376000	1@1	DFT_QAM64	20.80	20.20	37	PASS
n2	30	20	376000	1@49	DFT_QAM64	20.77	20.17	37	PASS
n2	30	20	376000	25@12	DFT_QAM256	18.95	18.35	37	PASS
n2	30	20	376000	1@1	DFT_QAM256	18.76	18.16	37	PASS
n2	30	20	376000	1@49	DFT_QAM256	18.94	18.34	37	PASS
n2	30	20	376000	25@12	CP_QPSK	21.69	21.09	37	PASS
n2	30	20	376000	1@1	CP_QPSK	21.50	20.90	37	PASS

n2	30	20	376000	1@49	CP_QPSK	21.47	20.87	37	PASS
n2	30	20	376000	25@12	CP_QAM16	21.30	20.70	37	PASS
n2	30	20	376000	1@1	CP_QAM16	21.48	20.88	37	PASS
n2	30	20	376000	1@49	CP_QAM16	21.35	20.75	37	PASS
n2	30	20	376000	25@12	CP_QAM64	19.89	19.29	37	PASS
n2	30	20	376000	1@1	CP_QAM64	19.30	18.70	37	PASS
n2	30	20	376000	1@49	CP_QAM64	19.96	19.36	37	PASS
n2	30	20	376000	25@12	CP_QAM256	16.78	16.18	37	PASS
n2	30	20	376000	1@1	CP_QAM256	16.48	15.88	37	PASS
n2	30	20	376000	1@49	CP_QAM256	16.42	15.82	37	PASS
n2	30	20	380000	25@12	DFT_BPSK	23.10	22.50	37	PASS
n2	30	20	380000	1@1	DFT_BPSK	23.00	22.40	37	PASS
n2	30	20	380000	1@49	DFT_BPSK	23.06	22.46	37	PASS
n2	30	20	380000	25@12	DFT_QPSK	23.07	22.47	37	PASS
n2	30	20	380000	1@1	DFT_QPSK	22.94	22.34	37	PASS
n2	30	20	380000	1@49	DFT_QPSK	22.87	22.27	37	PASS
n2	30	20	380000	25@12	DFT_QAM16	22.13	21.53	37	PASS
n2	30	20	380000	1@1	DFT_QAM16	22.54	21.94	37	PASS
n2	30	20	380000	1@49	DFT_QAM16	22.57	21.97	37	PASS
n2	30	20	380000	25@12	DFT_QAM64	20.72	20.12	37	PASS
n2	30	20	380000	1@1	DFT_QAM64	20.77	20.17	37	PASS
n2	30	20	380000	1@49	DFT_QAM64	20.77	20.17	37	PASS
n2	30	20	380000	25@12	DFT_QAM256	18.87	18.27	37	PASS
n2	30	20	380000	1@1	DFT_QAM256	18.91	18.31	37	PASS
n2	30	20	380000	1@49	DFT_QAM256	19.02	18.42	37	PASS
n2	30	20	380000	25@12	CP_QPSK	21.59	20.99	37	PASS
n2	30	20	380000	1@1	CP_QPSK	21.51	20.91	37	PASS
n2	30	20	380000	1@49	CP_QPSK	21.64	21.04	37	PASS
n2	30	20	380000	25@12	CP_QAM16	21.07	20.47	37	PASS
n2	30	20	380000	1@1	CP_QAM16	21.27	20.67	37	PASS
n2	30	20	380000	1@49	CP_QAM16	21.32	20.72	37	PASS
n2	30	20	380000	25@12	CP_QAM64	19.79	19.19	37	PASS
n2	30	20	380000	1@1	CP_QAM64	19.94	19.34	37	PASS
n2	30	20	380000	1@49	CP_QAM64	19.12	18.52	37	PASS
n2	30	20	380000	25@12	CP_QAM256	16.75	16.15	37	PASS
n2	30	20	380000	1@1	CP_QAM256	16.36	15.76	37	PASS
n2	30	20	380000	1@49	CP_QAM256	16.50	15.90	37	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
n2	30	20	376000	25@12	DFT_BPSK	3.87	-3.77	0.00	Within	PASS

n2	30	20	376000	25@12	DFT_BPSK	3.50	0.48	0.00	authorized band for 5G NR n2	PASS
n2	30	20	376000	25@12	DFT_BPSK	4.45	4.22	0.00		PASS
n2	30	20	376000	25@12	DFT_QPSK	3.87	-1.01	0.00		PASS
n2	30	20	376000	25@12	DFT_QPSK	3.50	3.03	0.00		PASS
n2	30	20	376000	25@12	DFT_QPSK	4.45	-3.49	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
n2	30	20	376000	25@12	DFT_BPSK	-30	-5.18	0.00	Within authorized band for 5G NR n2	PASS
n2	30	20	376000	25@12	DFT_BPSK	-20	-3.59	0.00		PASS
n2	30	20	376000	25@12	DFT_BPSK	-10	-2.46	0.00		PASS
n2	30	20	376000	25@12	DFT_BPSK	0	-1.25	0.00		PASS
n2	30	20	376000	25@12	DFT_BPSK	10	-5.07	0.00		PASS
n2	30	20	376000	25@12	DFT_BPSK	20	-3.48	0.00		PASS
n2	30	20	376000	25@12	DFT_BPSK	30	-4.91	0.00		PASS
n2	30	20	376000	25@12	DFT_BPSK	40	-2.78	0.00		PASS
n2	30	20	376000	25@12	DFT_BPSK	50	-3.22	0.00		PASS
n2	30	20	376000	25@12	DFT_QPSK	-30	-4.12	0.00		PASS
n2	30	20	376000	25@12	DFT_QPSK	-20	-5.49	0.00		PASS
n2	30	20	376000	25@12	DFT_QPSK	-10	-6.17	0.00		PASS
n2	30	20	376000	25@12	DFT_QPSK	0	-2.43	0.00		PASS
n2	30	20	376000	25@12	DFT_QPSK	10	-3.17	0.00		PASS
n2	30	20	376000	25@12	DFT_QPSK	20	-5.16	0.00		PASS
n2	30	20	376000	25@12	DFT_QPSK	30	-3.56	0.00		PASS
n2	30	20	376000	25@12	DFT_QPSK	40	-6.47	0.00		PASS
n2	30	20	376000	25@12	DFT_QPSK	50	-3.33	0.00		PASS

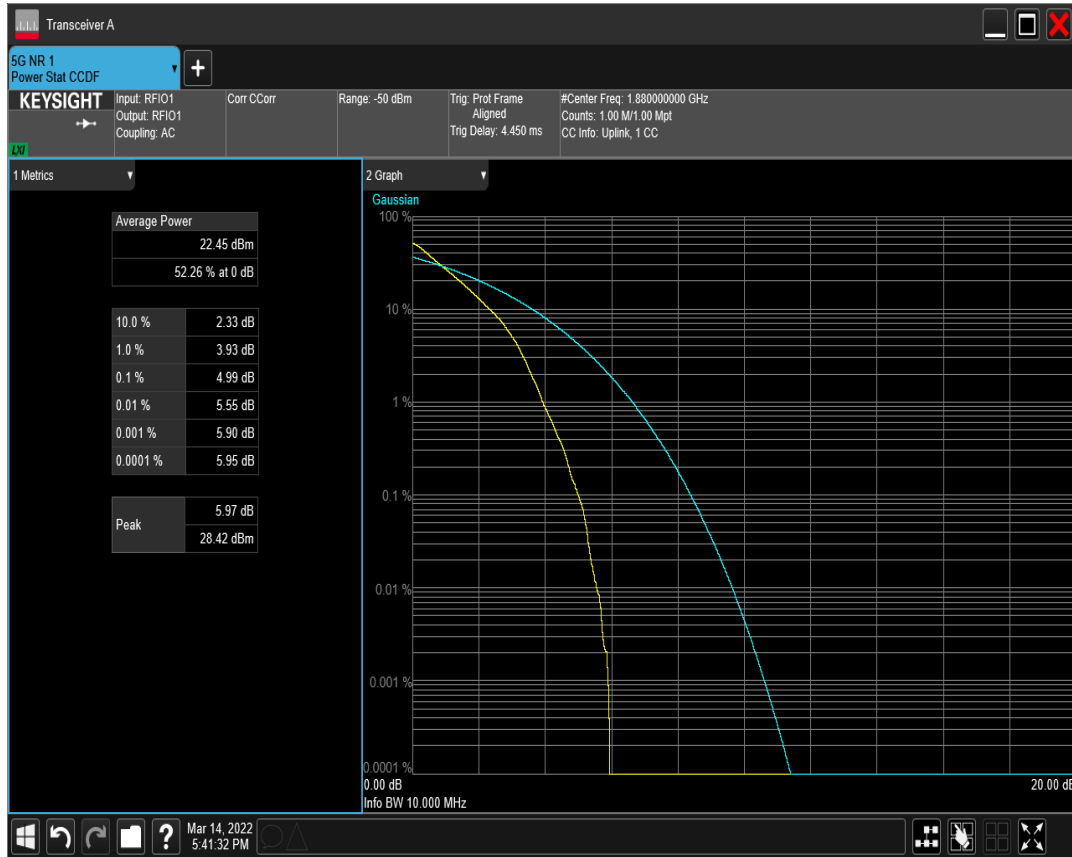
Note: Only the worst case shown in the report.

3 Peak-to-Average Ratio for NR FR1

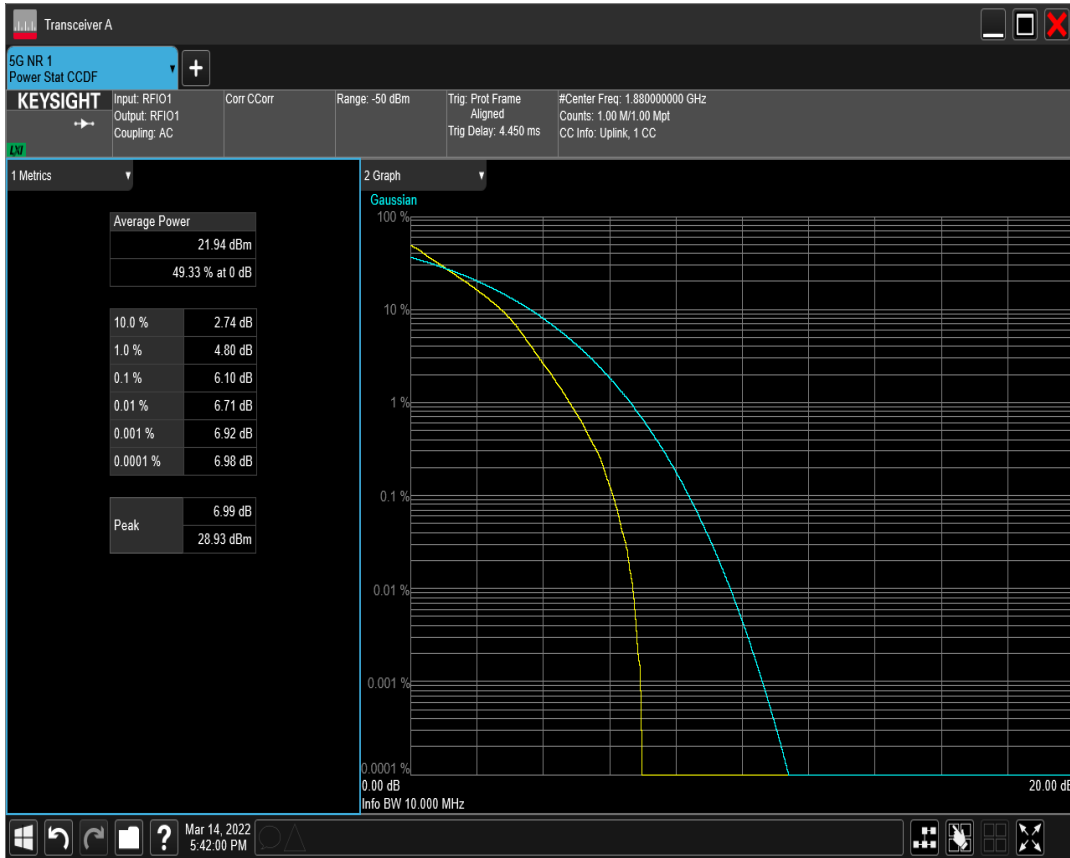
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n2	30	10	376000	24@0	DFT_BPSK	4.99	13	PASS
n2	30	10	376000	24@0	DFT_QPSK	6.10	13	PASS
n2	30	10	376000	24@0	DFT_QAM16	6.91	13	PASS
n2	30	10	376000	24@0	DFT_QAM64	7.14	13	PASS
n2	30	10	376000	24@0	DFT_QAM256	7.19	13	PASS
n2	30	15	376000	36@0	DFT_BPSK	4.91	13	PASS
n2	30	15	376000	36@0	DFT_QPSK	6.02	13	PASS
n2	30	15	376000	36@0	DFT_QAM16	6.74	13	PASS
n2	30	15	376000	36@0	DFT_QAM64	7.06	13	PASS
n2	30	15	376000	36@0	DFT_QAM256	7.21	13	PASS

n2	30	20	376000	50@0	DFT_BPSK	4.89	13	PASS
n2	30	20	376000	50@0	DFT_QPSK	6.00	13	PASS
n2	30	20	376000	50@0	DFT_QAM16	6.81	13	PASS
n2	30	20	376000	50@0	DFT_QAM64	7.01	13	PASS
n2	30	20	376000	50@0	DFT_QAM256	7.19	13	PASS

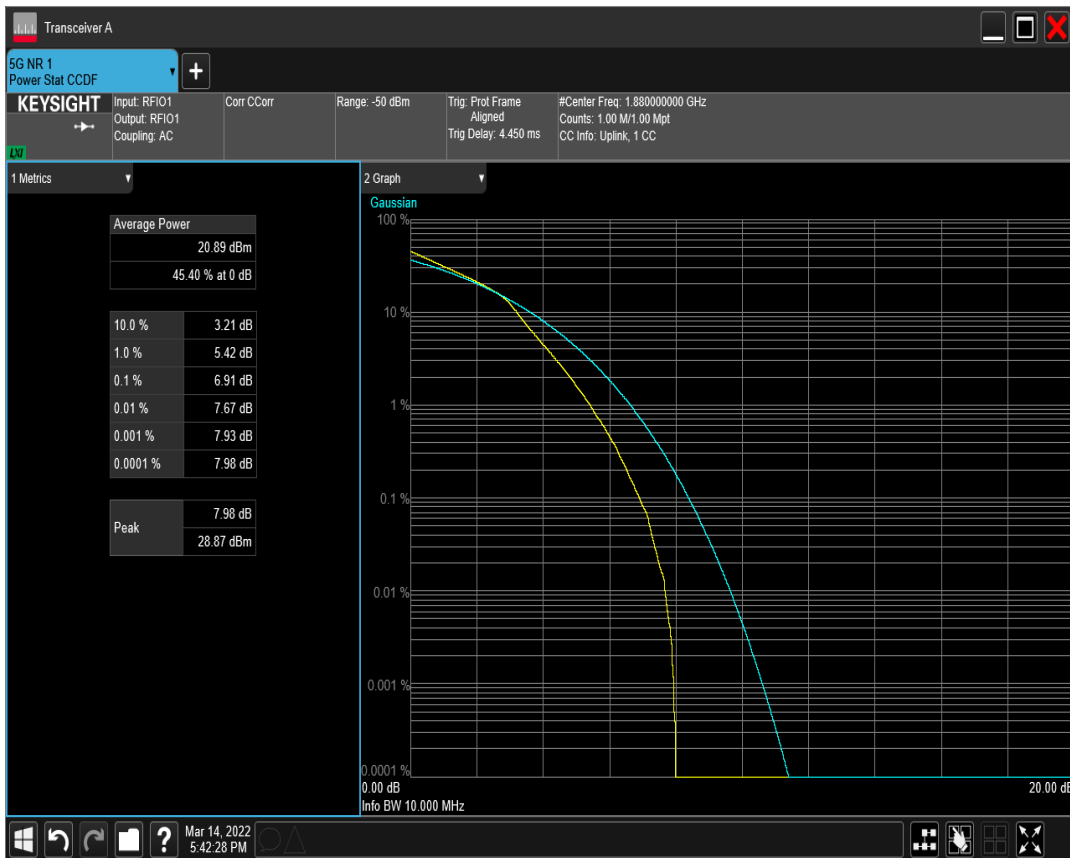
n2 SCS=30kHz DFT_BPSK BW=10MHz Channel=376000 RB=24@0



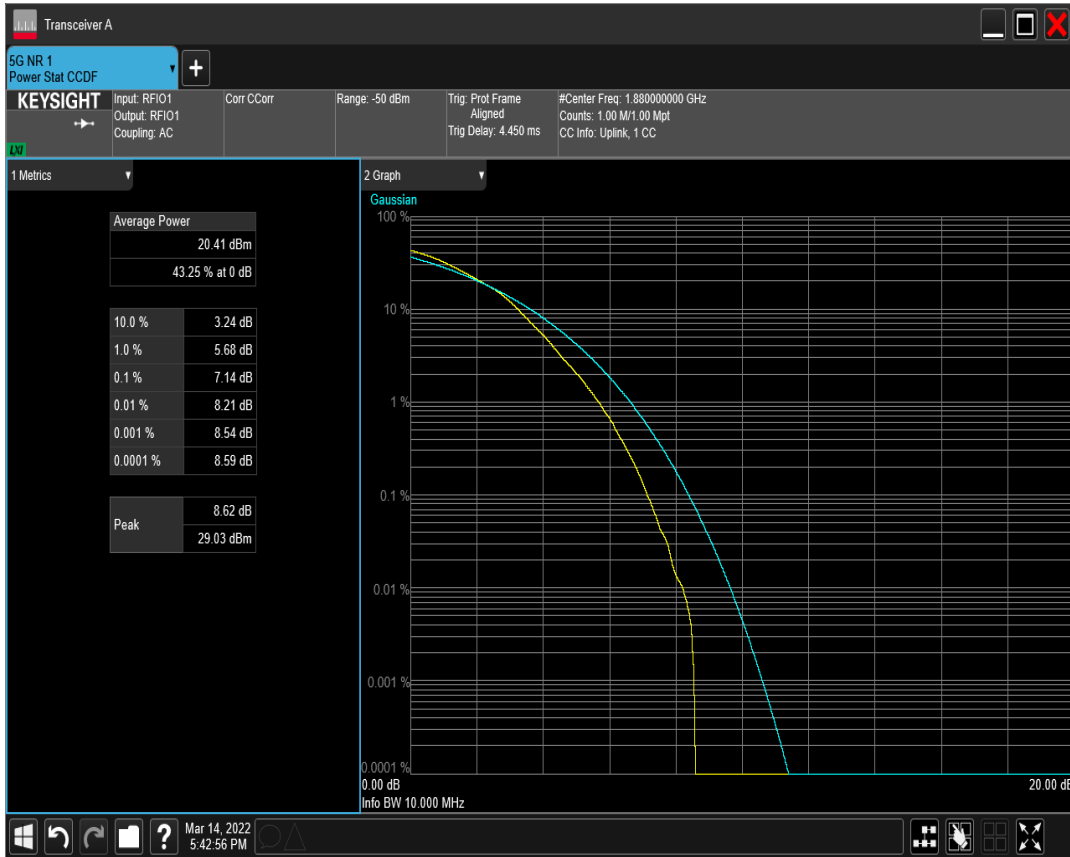
n2 SCS=30kHz DFT_QPSK BW=10MHz Channel=376000 RB=24@0



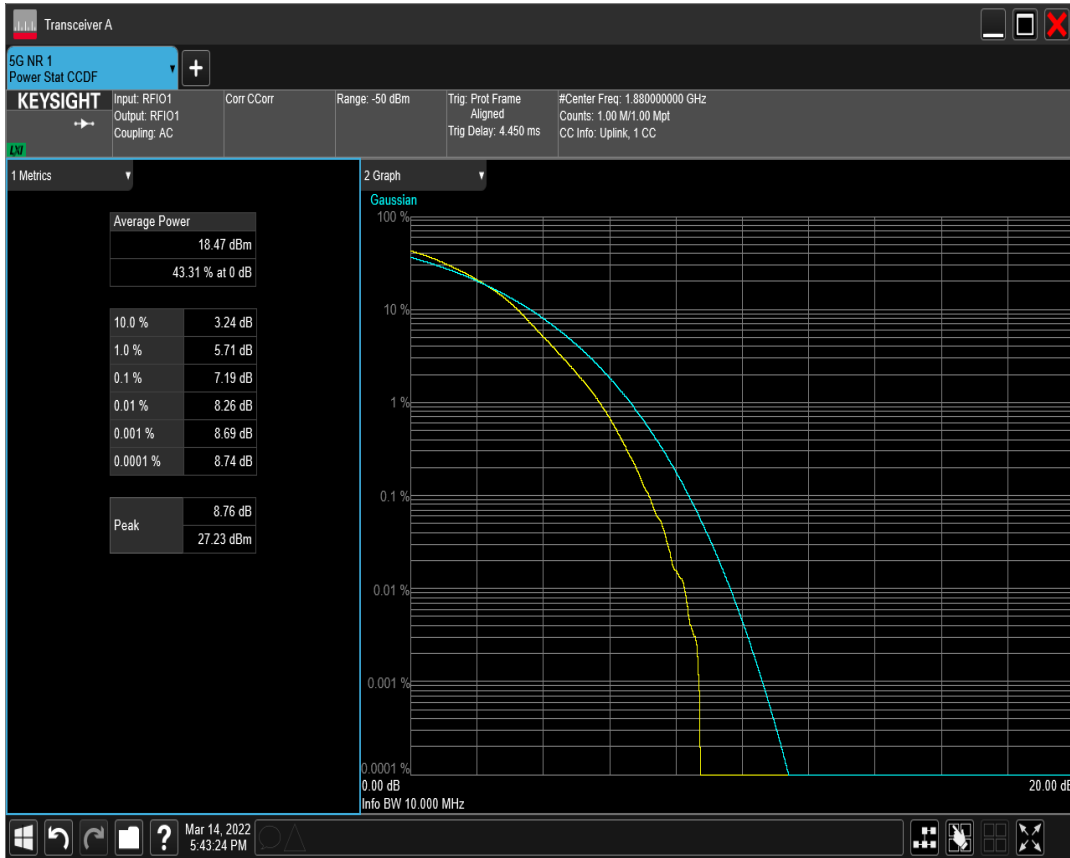
n2 SCS=30kHz DFT_QAM16 BW=10MHz Channel=376000 RB=24@0



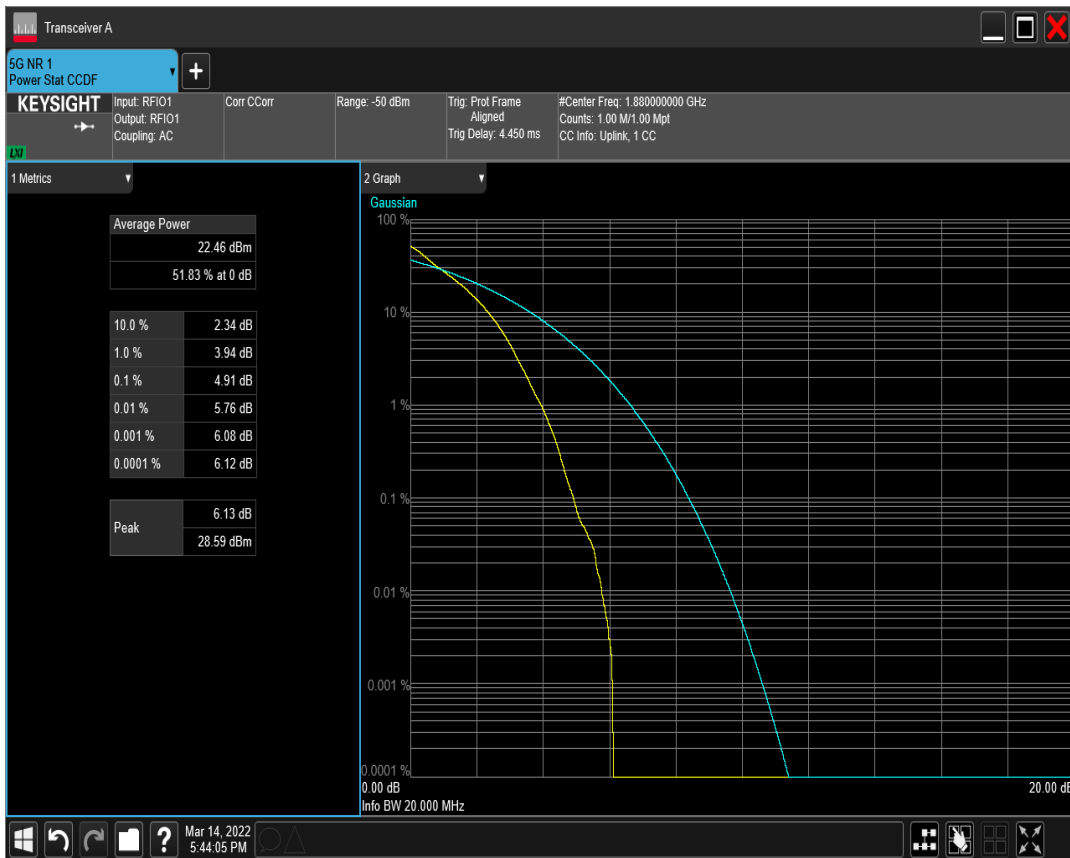
n2 SCS=30kHz DFT_QAM64 BW=10MHz Channel=376000 RB=24@0



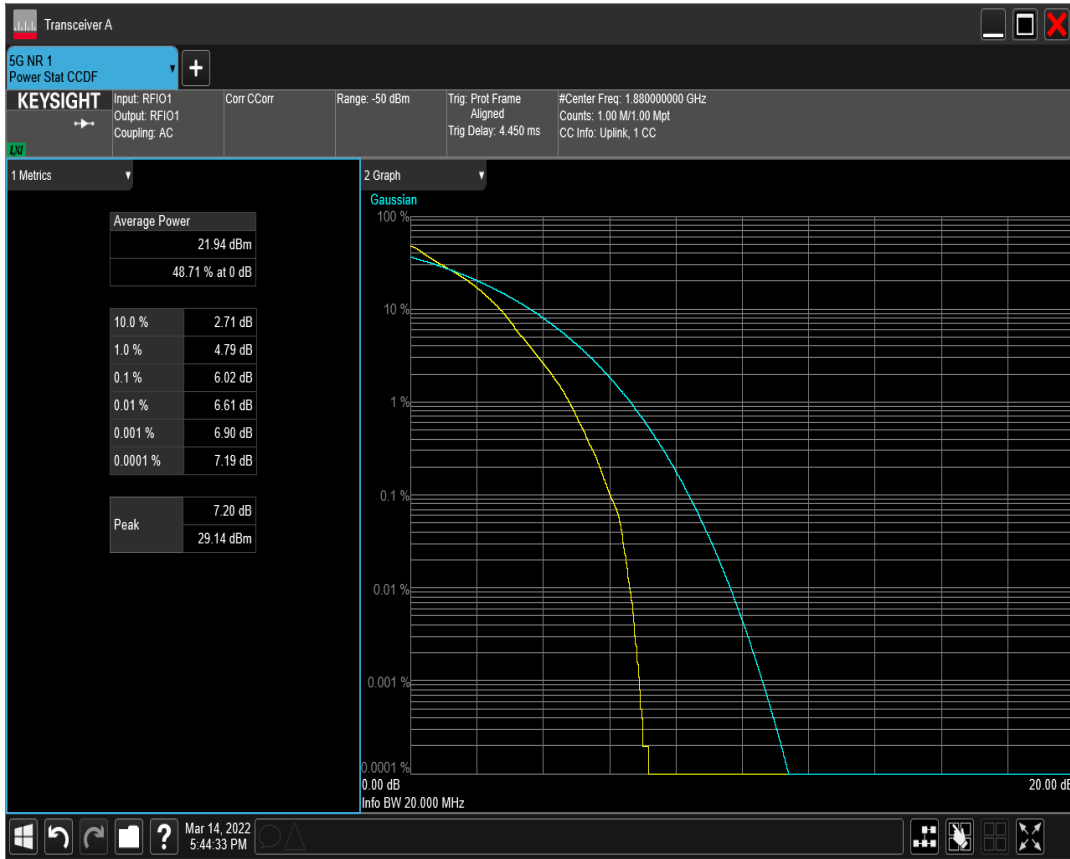
n2 SCS=30kHz DFT_QAM256 BW=10MHz Channel=376000 RB=24@0



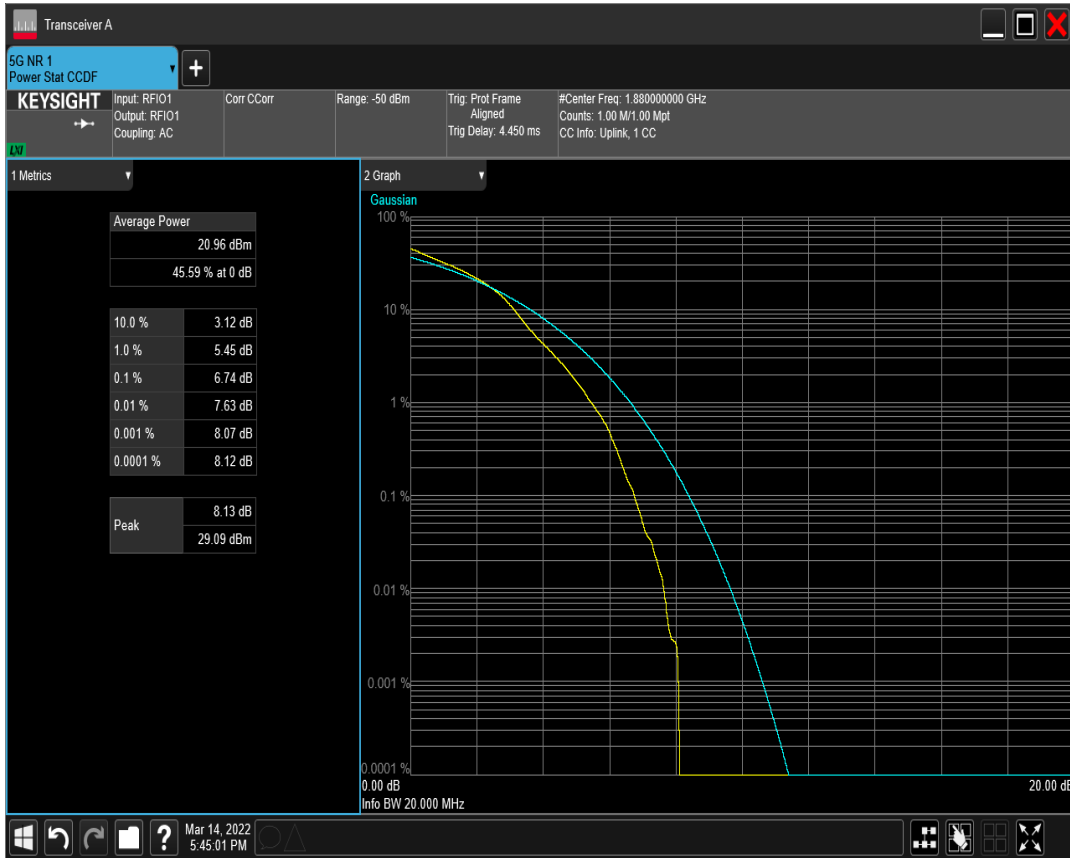
n2 SCS=30kHz DFT_BPSK BW=15MHz Channel=376000 RB=36@0



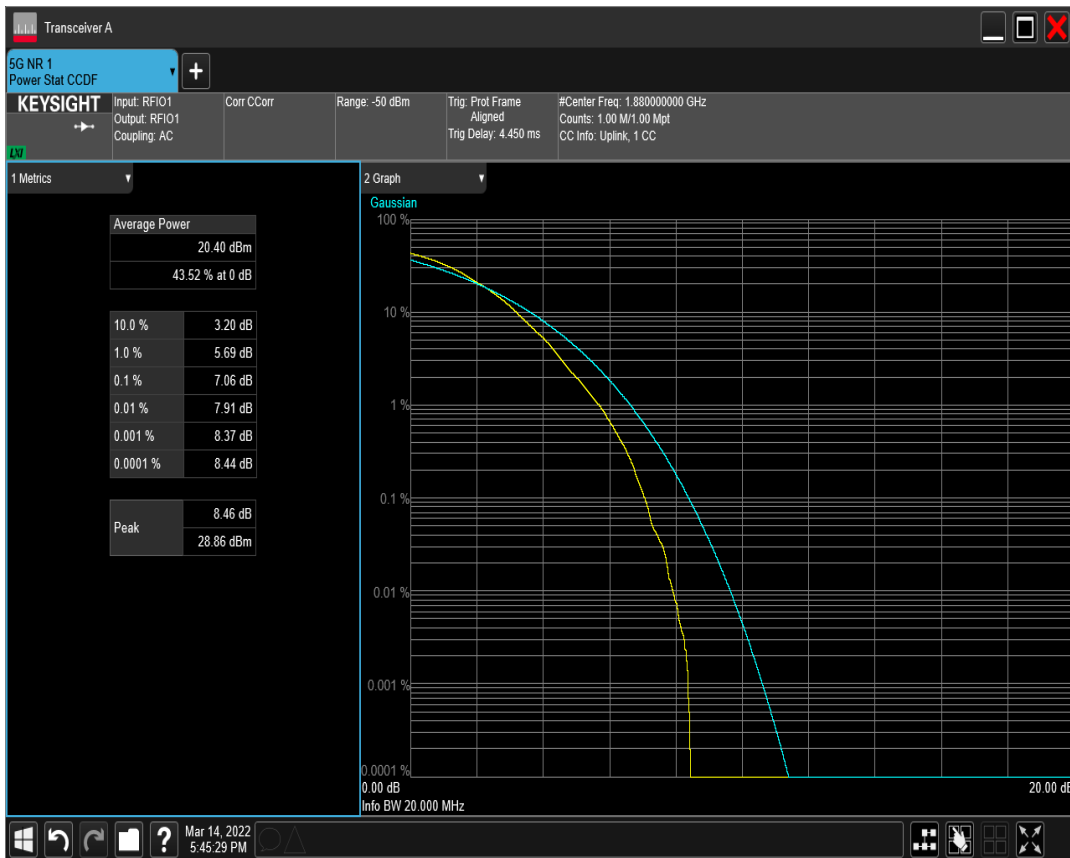
n2 SCS=30kHz DFT_QPSK BW=15MHz Channel=376000 RB=36@0



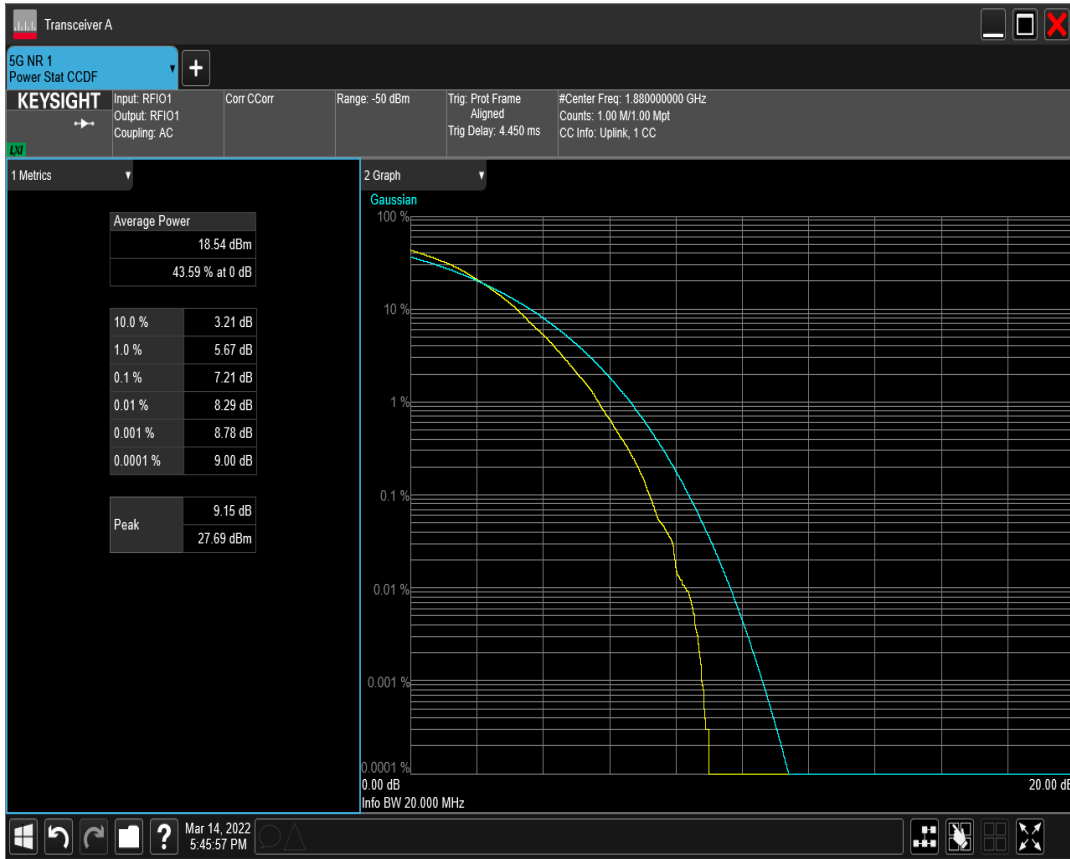
n2 SCS=30kHz DFT_QAM16 BW=15MHz Channel=376000 RB=36@0



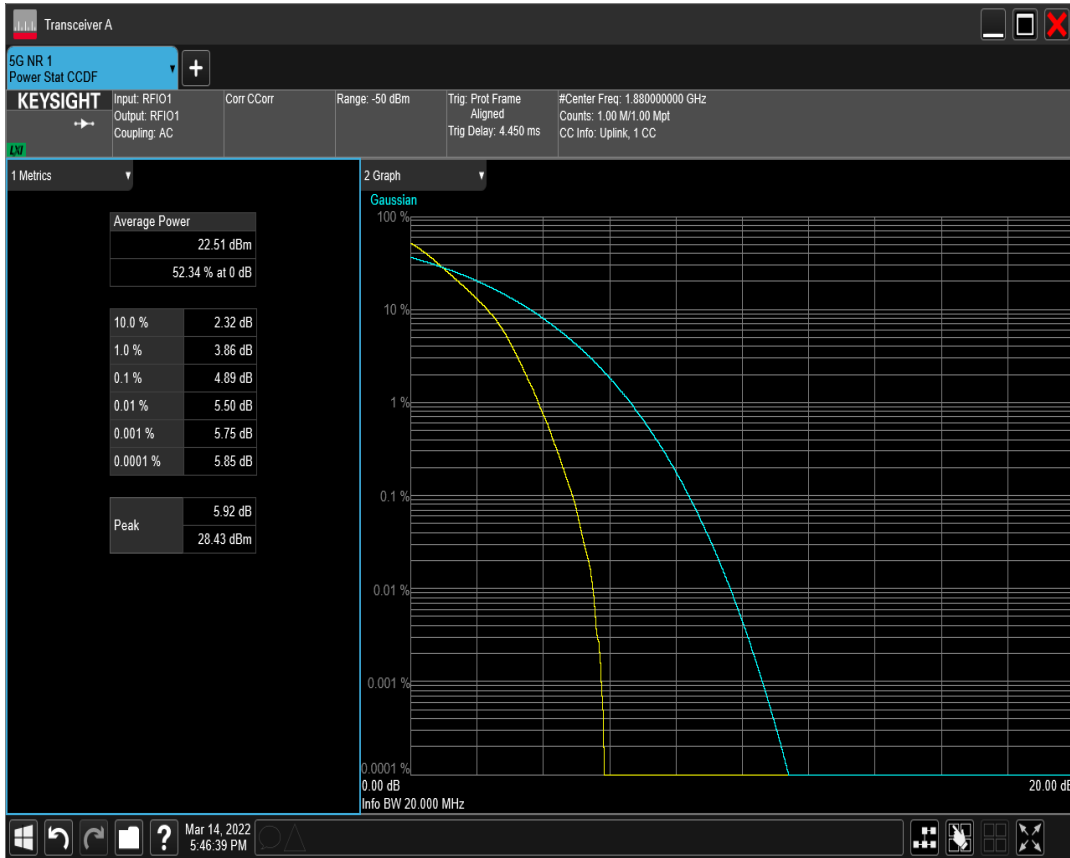
n2 SCS=30kHz DFT_QAM64 BW=15MHz Channel=376000 RB=36@0



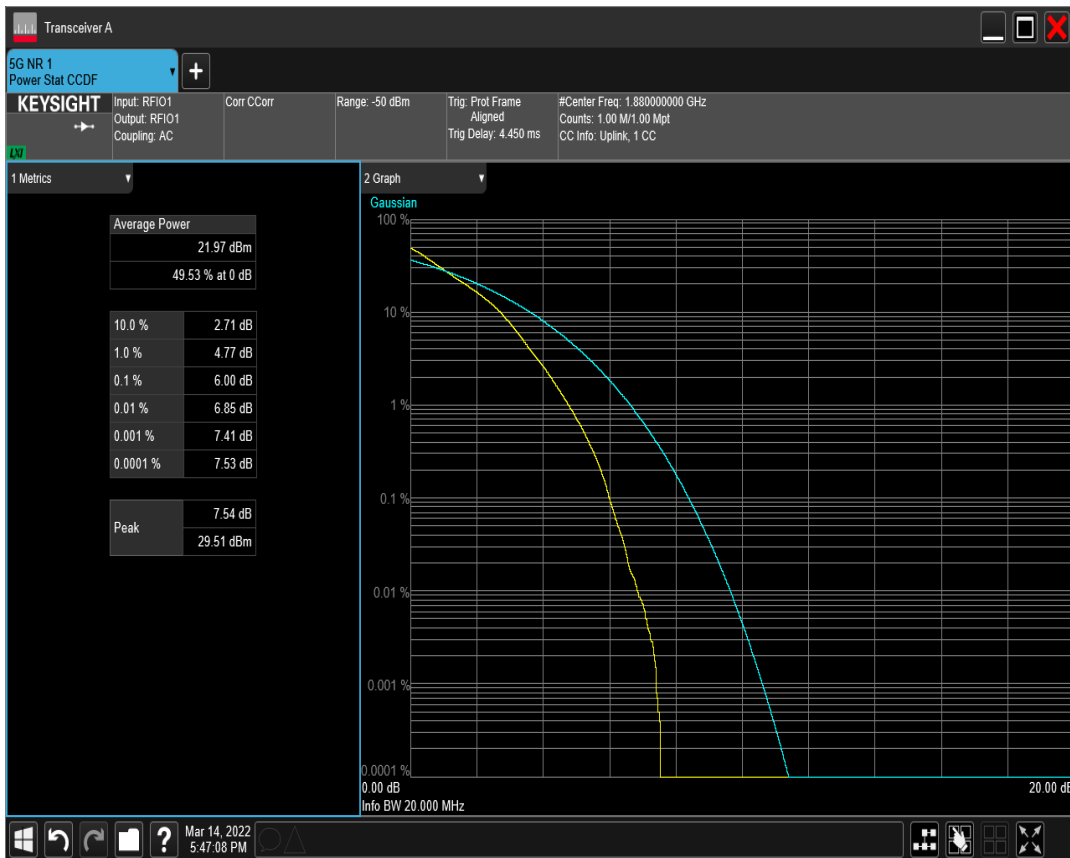
n2 SCS=30kHz DFT_QAM256 BW=15MHz Channel=376000 RB=36@0



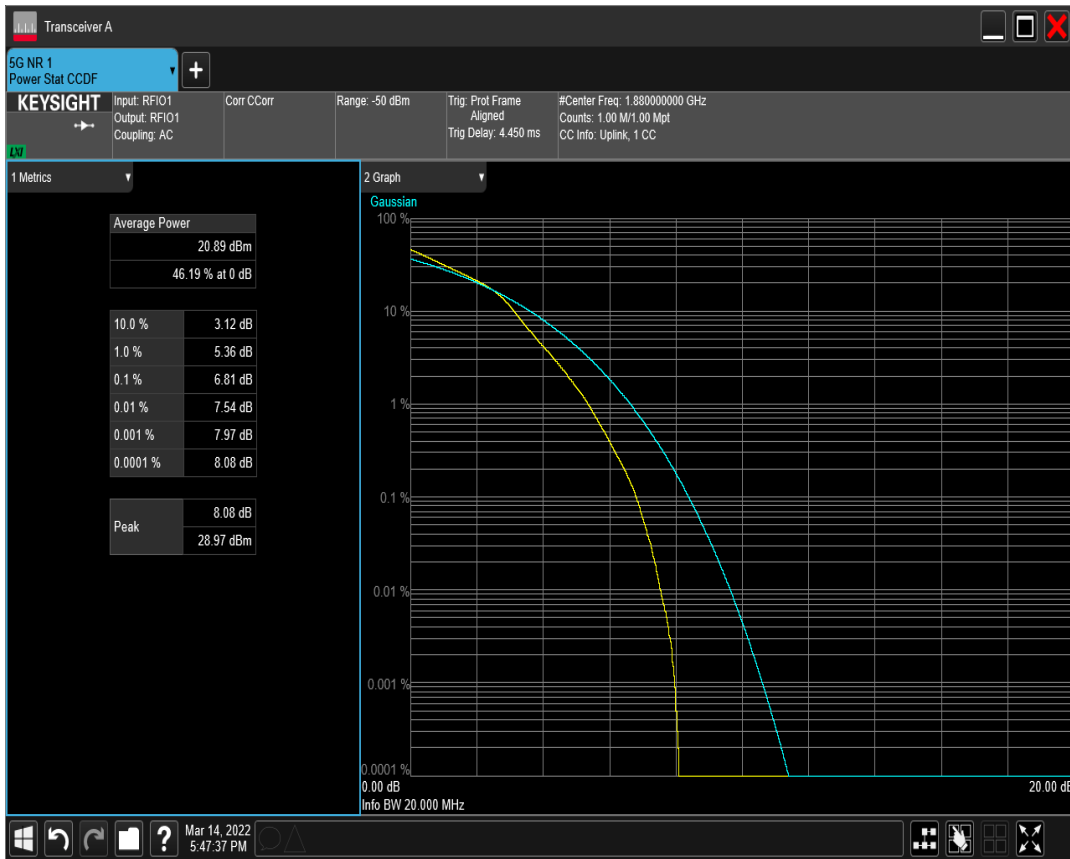
n2 SCS=30kHz DFT_BPSK BW=20MHz Channel=376000 RB=50@0



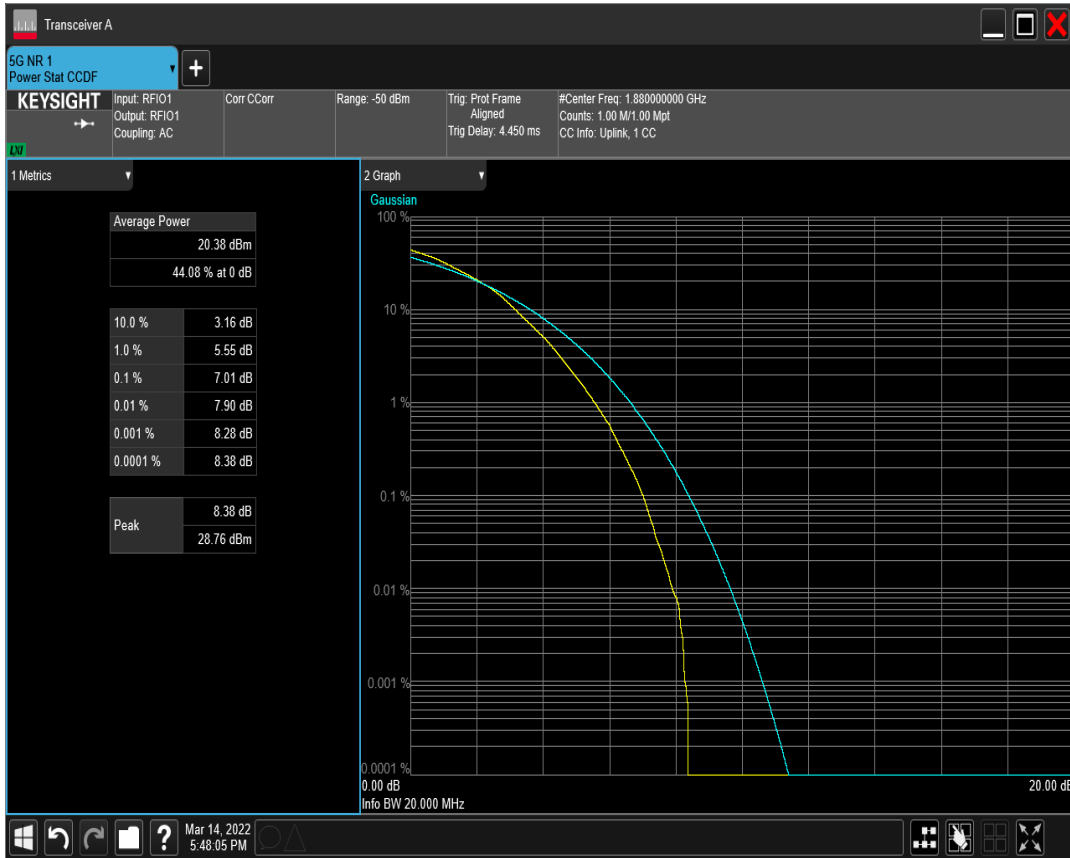
n2 SCS=30kHz DFT_QPSK BW=20MHz Channel=376000 RB=50@0



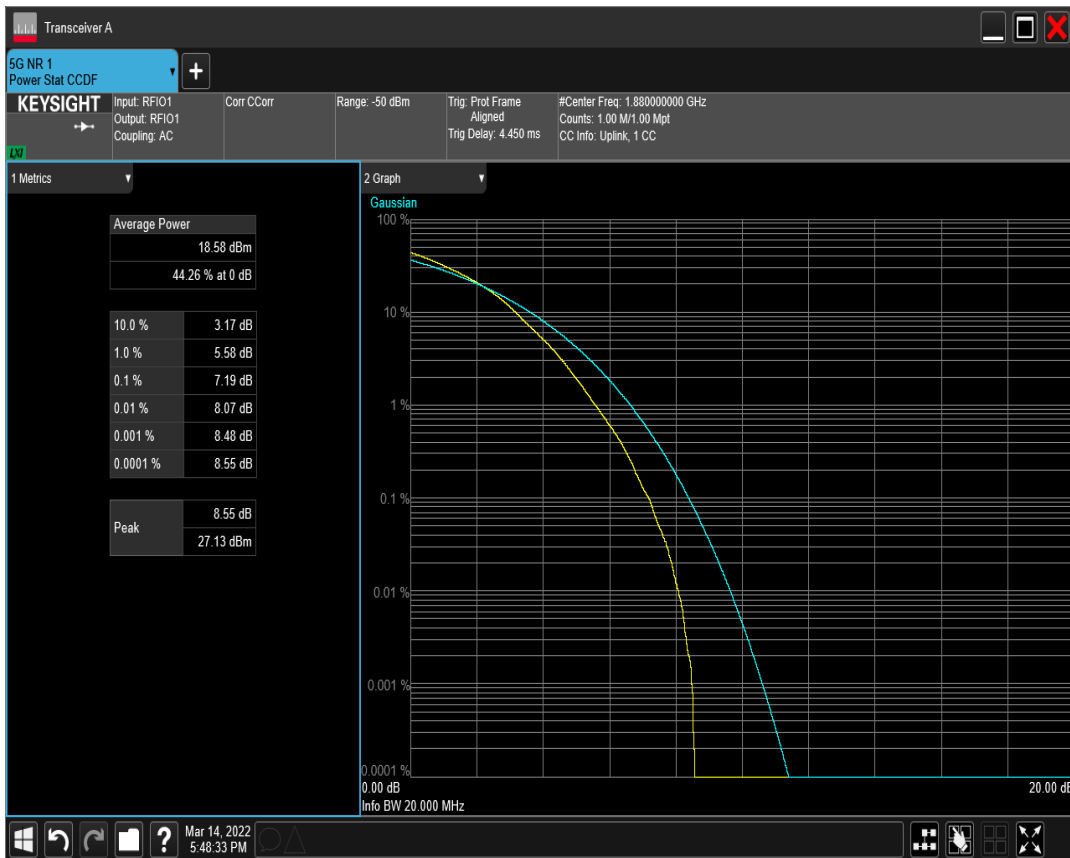
n2 SCS=30kHz DFT_QAM16 BW=20MHz Channel=376000 RB=50@0



n2 SCS=30kHz DFT_QAM64 BW=20MHz Channel=376000 RB=50@0



n2 SCS=30kHz DFT_QAM256 BW=20MHz Channel=376000 RB=50@0

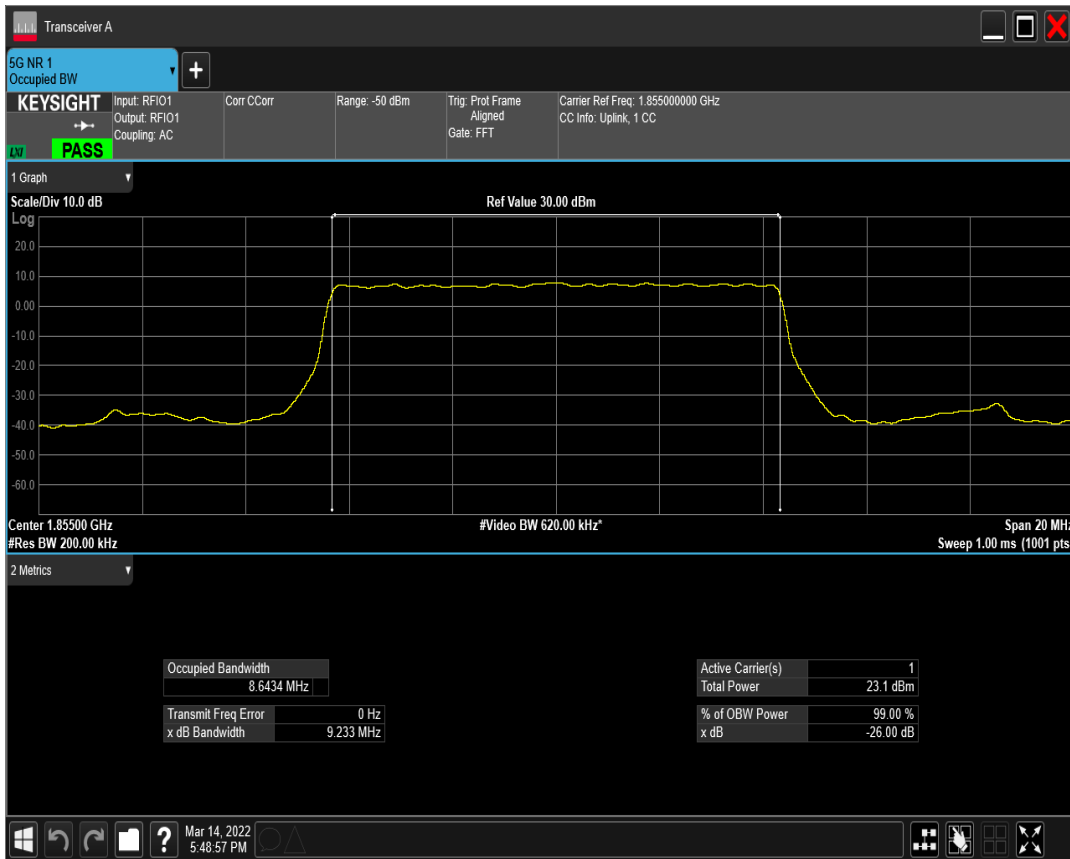


4 Occupied bandwidth for NR FR1

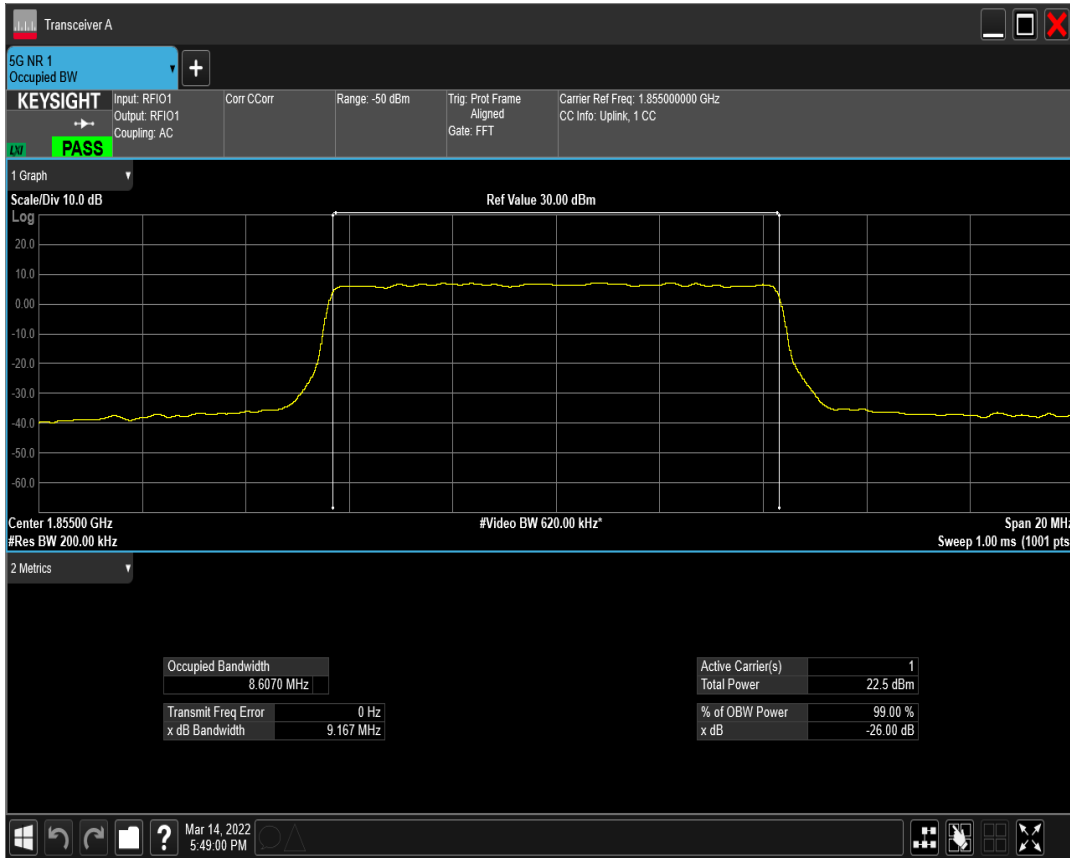
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n2	30	10	371000	24@0	DFT_BPSK	8.640	9.230	PASS
n2	30	10	371000	24@0	DFT_QPSK	8.610	9.170	PASS
n2	30	10	371000	24@0	DFT_QAM16	8.610	9.170	PASS
n2	30	10	371000	24@0	DFT_QAM64	8.610	9.180	PASS
n2	30	10	371000	24@0	DFT_QAM256	8.610	9.180	PASS
n2	30	10	371000	24@0	CP_QPSK	8.610	9.200	PASS
n2	30	10	376000	24@0	DFT_BPSK	8.650	9.240	PASS
n2	30	10	376000	24@0	DFT_QPSK	8.640	9.240	PASS
n2	30	10	376000	24@0	DFT_QAM16	8.640	9.230	PASS
n2	30	10	376000	24@0	DFT_QAM64	8.610	9.190	PASS
n2	30	10	376000	24@0	DFT_QAM256	8.640	9.230	PASS
n2	30	10	376000	24@0	CP_QPSK	8.620	9.210	PASS
n2	30	10	381000	24@0	DFT_BPSK	8.650	9.210	PASS
n2	30	10	381000	24@0	DFT_QPSK	8.620	9.170	PASS
n2	30	10	381000	24@0	DFT_QAM16	8.650	9.220	PASS
n2	30	10	381000	24@0	DFT_QAM64	8.650	9.200	PASS
n2	30	10	381000	24@0	DFT_QAM256	8.650	9.220	PASS
n2	30	10	381000	24@0	CP_QPSK	8.640	9.210	PASS
n2	30	15	371500	36@0	DFT_BPSK	13.460	13.720	PASS
n2	30	15	371500	36@0	DFT_QPSK	13.510	13.690	PASS
n2	30	15	371500	36@0	DFT_QAM16	13.460	13.720	PASS
n2	30	15	371500	36@0	DFT_QAM64	13.510	13.720	PASS
n2	30	15	371500	36@0	DFT_QAM256	13.520	13.690	PASS
n2	30	15	371500	38@0	CP_QPSK	13.630	14.410	PASS
n2	30	15	376000	36@0	DFT_BPSK	13.450	13.770	PASS
n2	30	15	376000	36@0	DFT_QPSK	13.510	13.690	PASS
n2	30	15	376000	36@0	DFT_QAM16	13.450	13.740	PASS
n2	30	15	376000	36@0	DFT_QAM64	13.520	13.780	PASS
n2	30	15	376000	36@0	DFT_QAM256	13.520	13.700	PASS
n2	30	15	376000	38@0	CP_QPSK	13.640	14.410	PASS
n2	30	15	380500	36@0	DFT_BPSK	13.560	13.730	PASS
n2	30	15	380500	36@0	DFT_QPSK	13.580	13.670	PASS
n2	30	15	380500	36@0	DFT_QAM16	13.570	13.710	PASS
n2	30	15	380500	36@0	DFT_QAM64	13.620	13.710	PASS
n2	30	15	380500	36@0	DFT_QAM256	13.630	13.700	PASS
n2	30	15	380500	38@0	CP_QPSK	13.650	14.420	PASS
n2	30	20	372000	50@0	DFT_BPSK	18.110	18.930	PASS
n2	30	20	372000	50@0	DFT_QPSK	18.080	18.900	PASS
n2	30	20	372000	50@0	DFT_QAM16	18.100	18.900	PASS

n2	30	20	372000	50@0	DFT_QAM64	18.110	18.930	PASS
n2	30	20	372000	50@0	DFT_QAM256	18.100	18.920	PASS
n2	30	20	372000	51@0	CP_QPSK	18.260	19.260	PASS
n2	30	20	376000	50@0	DFT_BPSK	18.100	18.920	PASS
n2	30	20	376000	50@0	DFT_QPSK	18.030	18.900	PASS
n2	30	20	376000	50@0	DFT_QAM16	18.090	18.910	PASS
n2	30	20	376000	50@0	DFT_QAM64	18.100	18.940	PASS
n2	30	20	376000	50@0	DFT_QAM256	18.090	18.930	PASS
n2	30	20	376000	51@0	CP_QPSK	18.280	19.320	PASS
n2	30	20	380000	50@0	DFT_BPSK	18.190	18.900	PASS
n2	30	20	380000	50@0	DFT_QPSK	18.120	18.890	PASS
n2	30	20	380000	50@0	DFT_QAM16	18.180	18.900	PASS
n2	30	20	380000	50@0	DFT_QAM64	18.190	18.910	PASS
n2	30	20	380000	50@0	DFT_QAM256	18.180	18.900	PASS
n2	30	20	380000	51@0	CP_QPSK	18.270	19.270	PASS

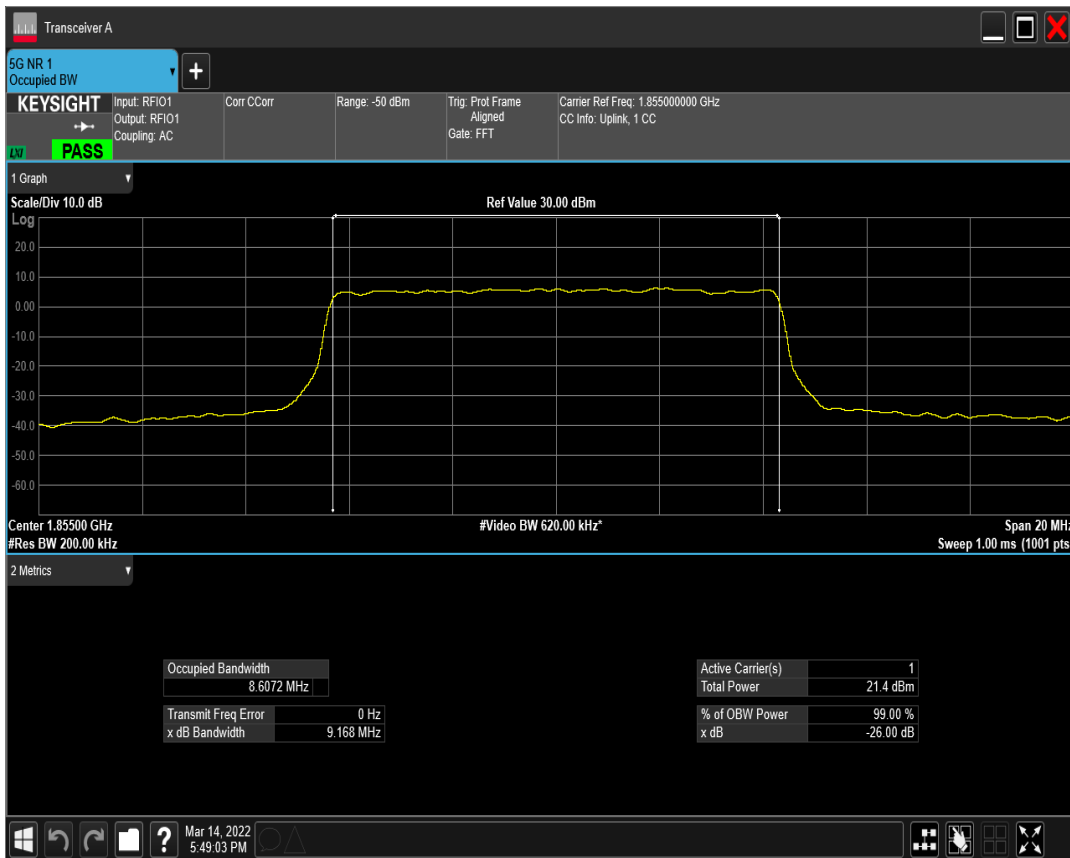
n2 SCS=30kHz DFT_BPSK BW=10MHz Channel=371000 RB=24@0

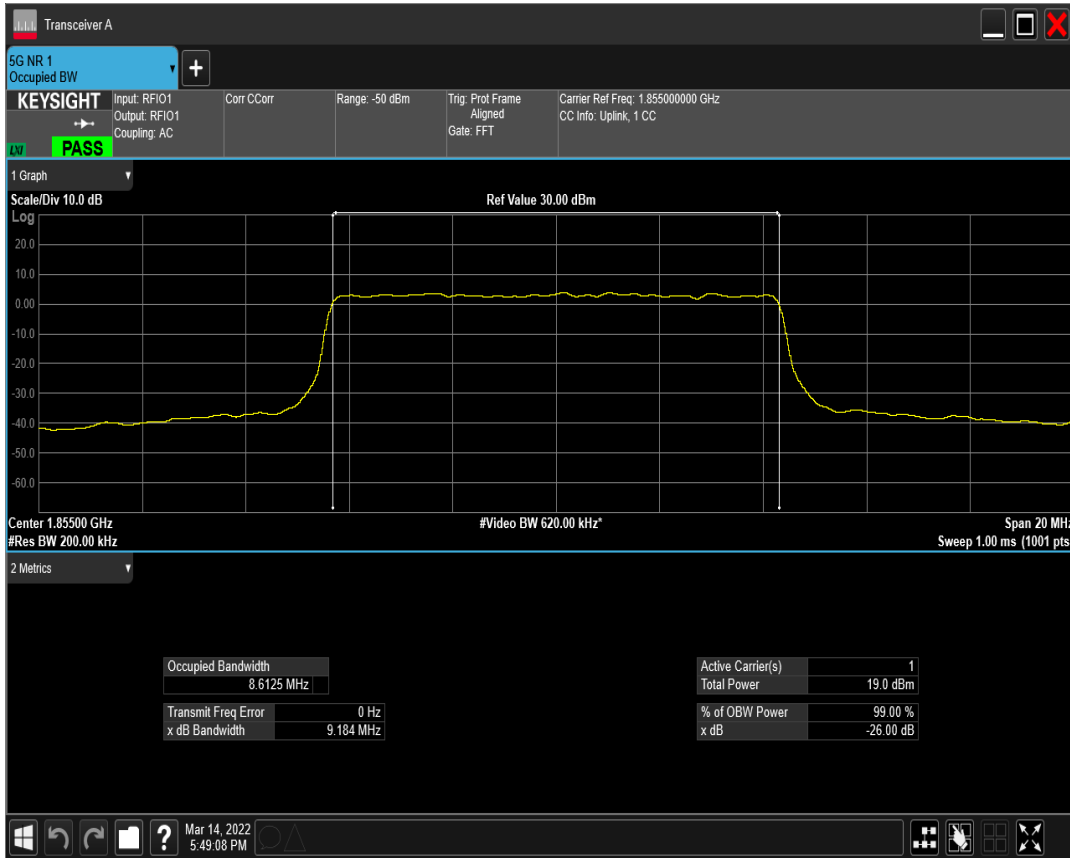


n2 SCS=30kHz DFT_QPSK BW=10MHz Channel=371000 RB=24@0

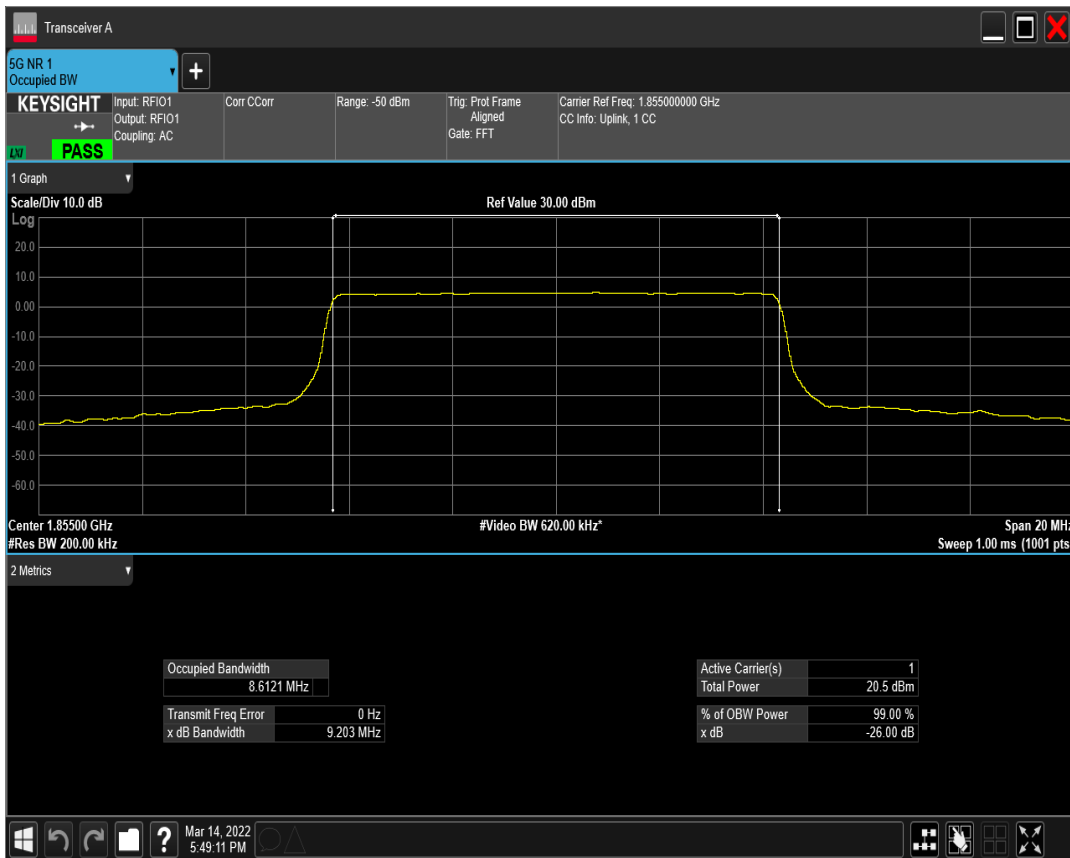


n2 SCS=30kHz DFT_QAM16 BW=10MHz Channel=371000 RB=24@0

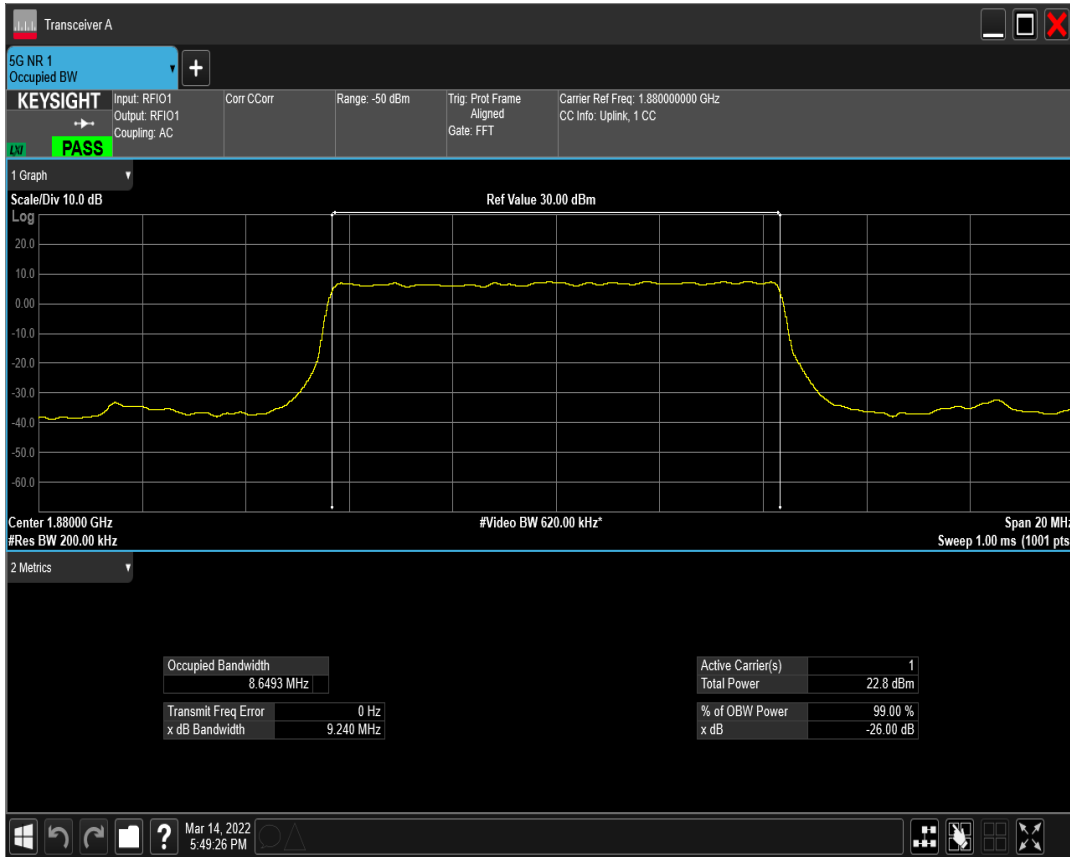




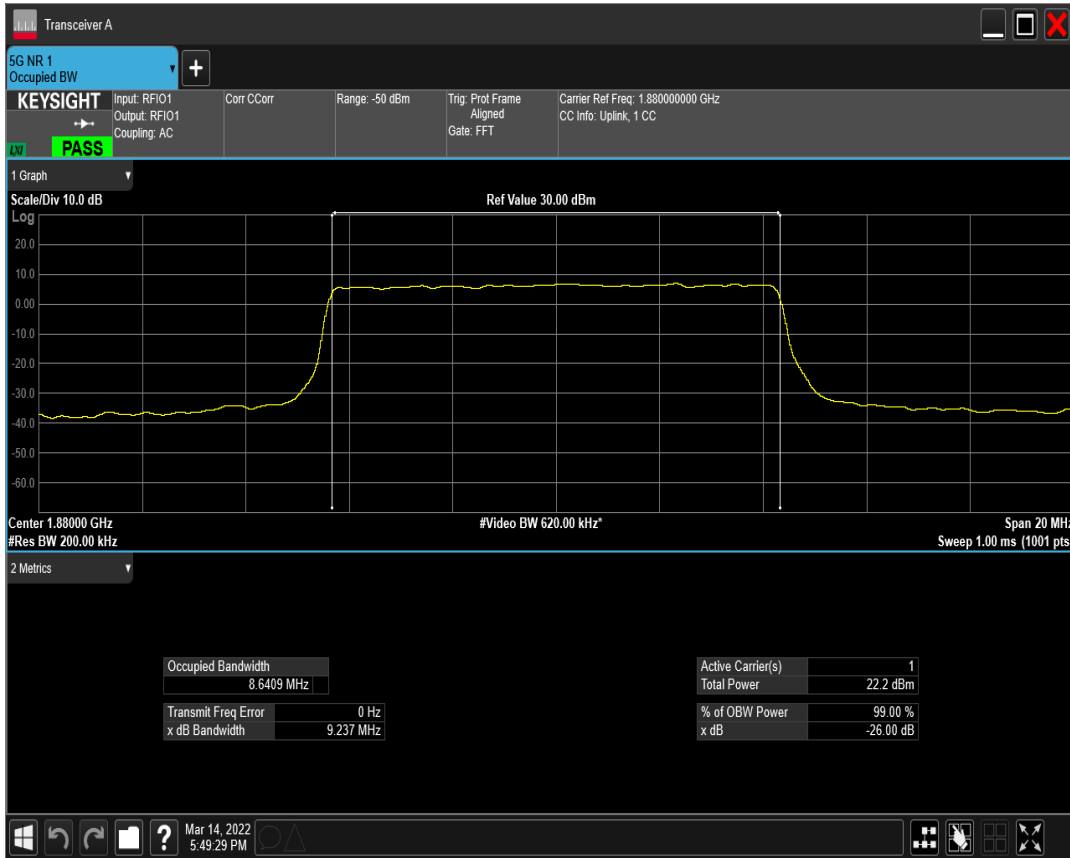
n2 SCS=30kHz CP_QPSK BW=10MHz Channel=371000 RB=24@0



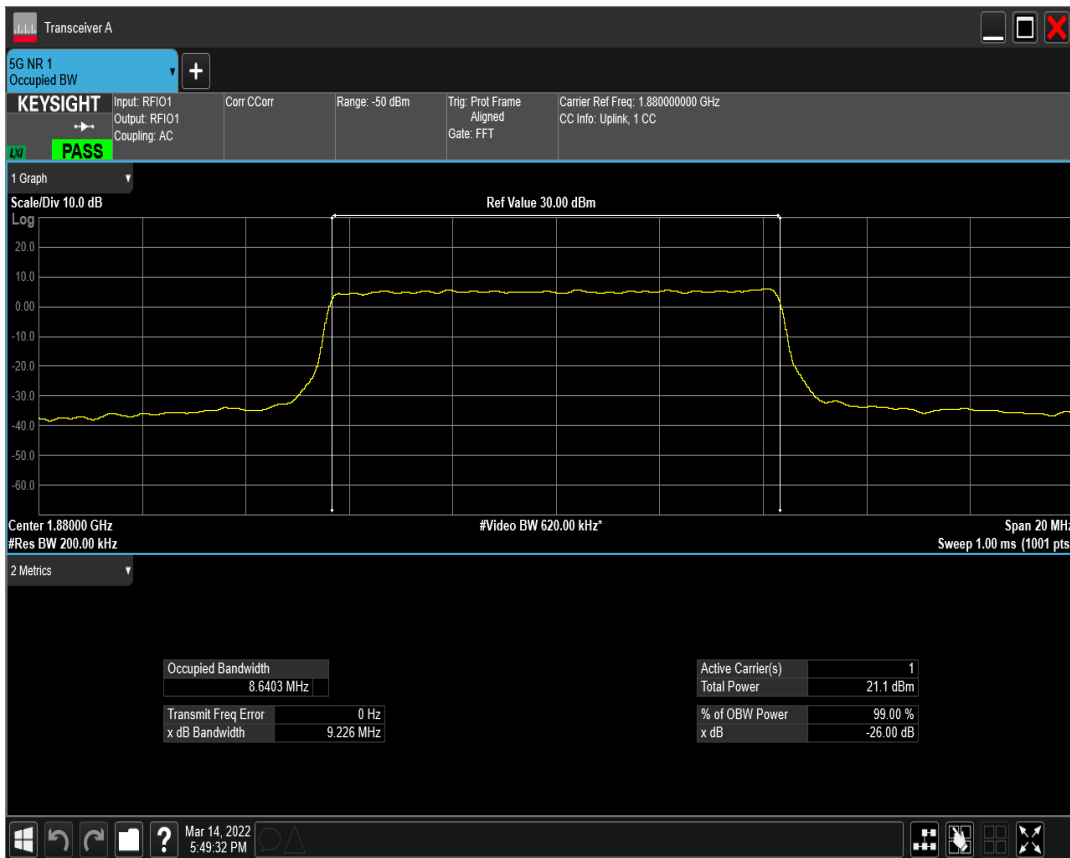
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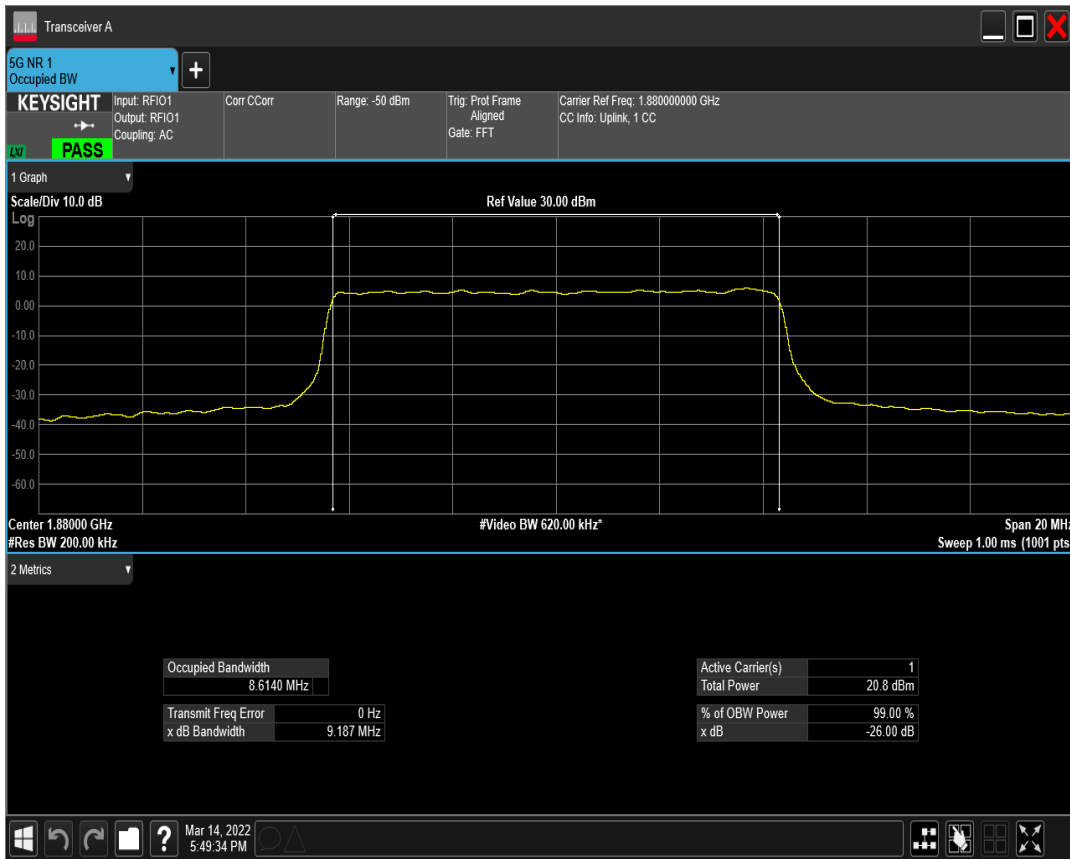
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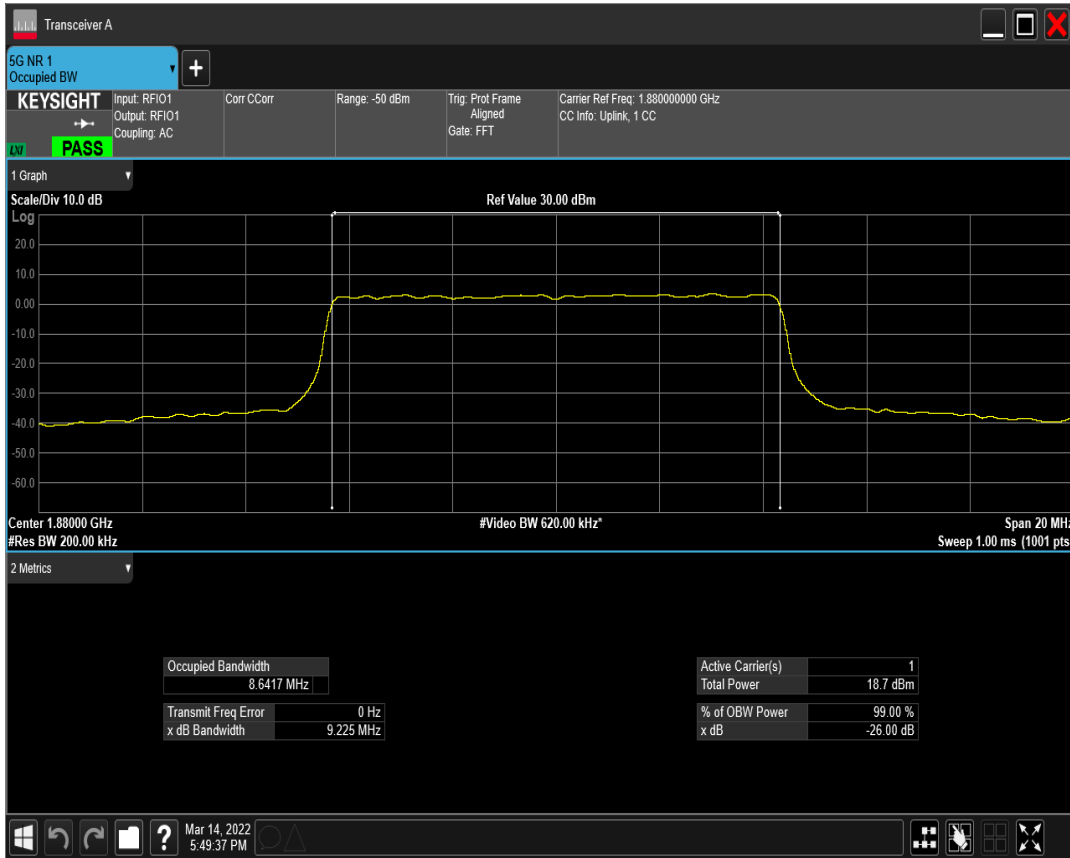
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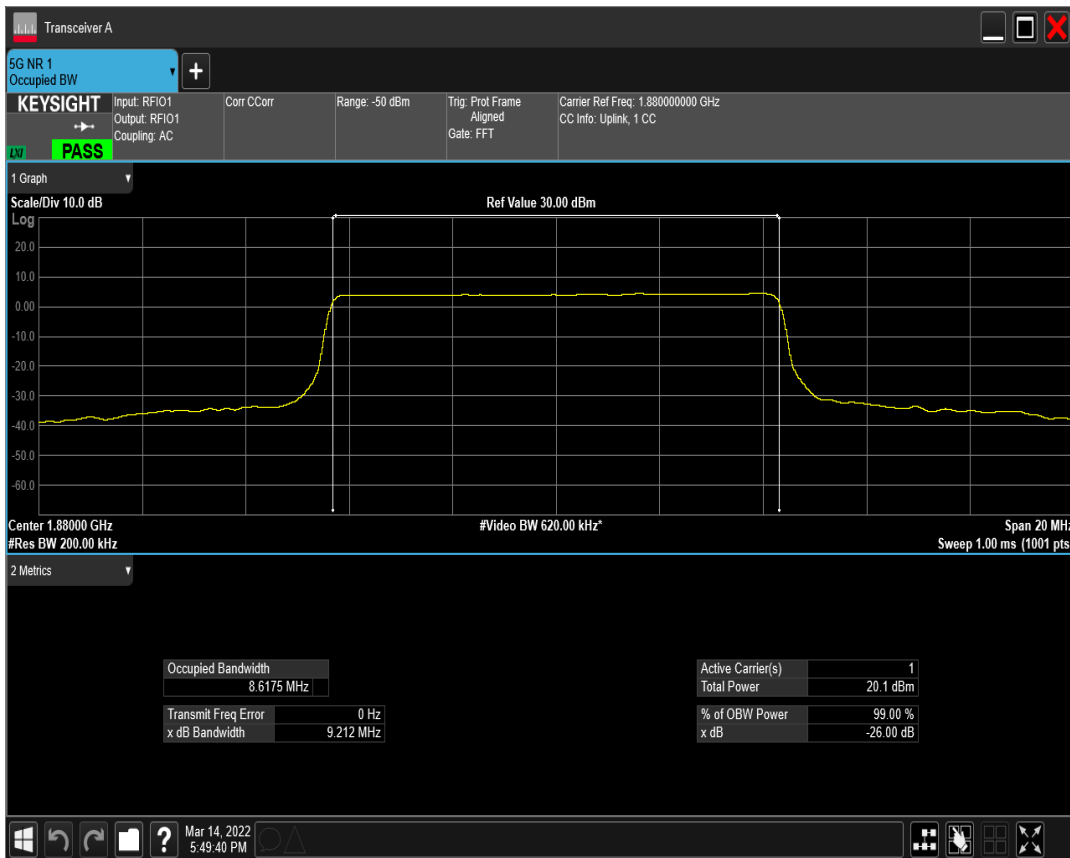
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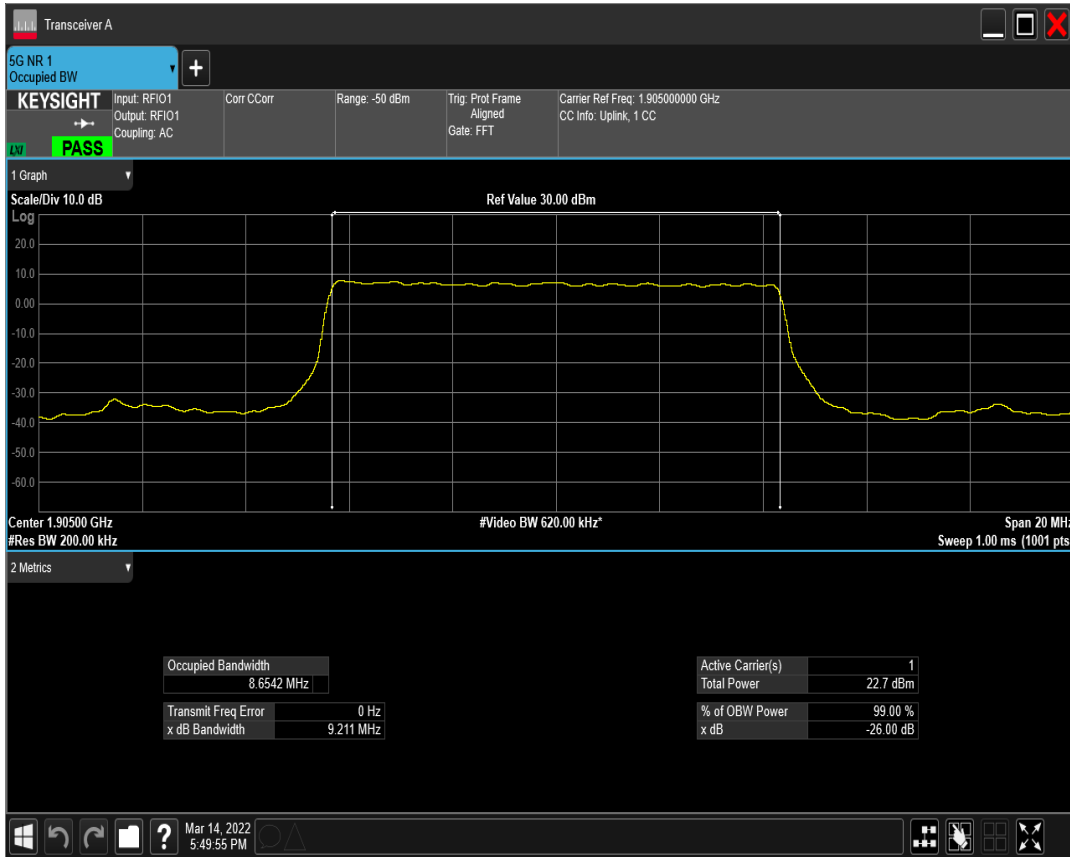
n2 SCS=30kHz DFT_QAM256 BW=10MHz Channel=376000 RB=24@0



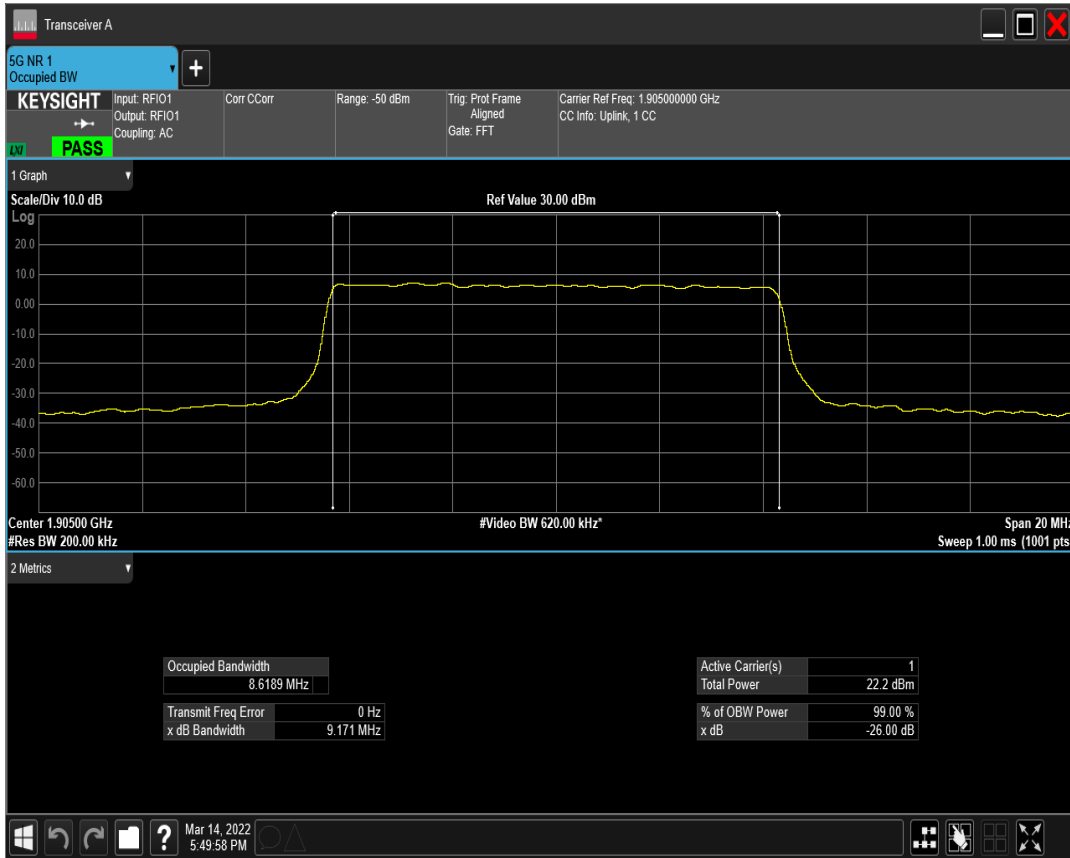
n2 SCS=30kHz CP_QPSK BW=10MHz Channel=376000 RB=24@0



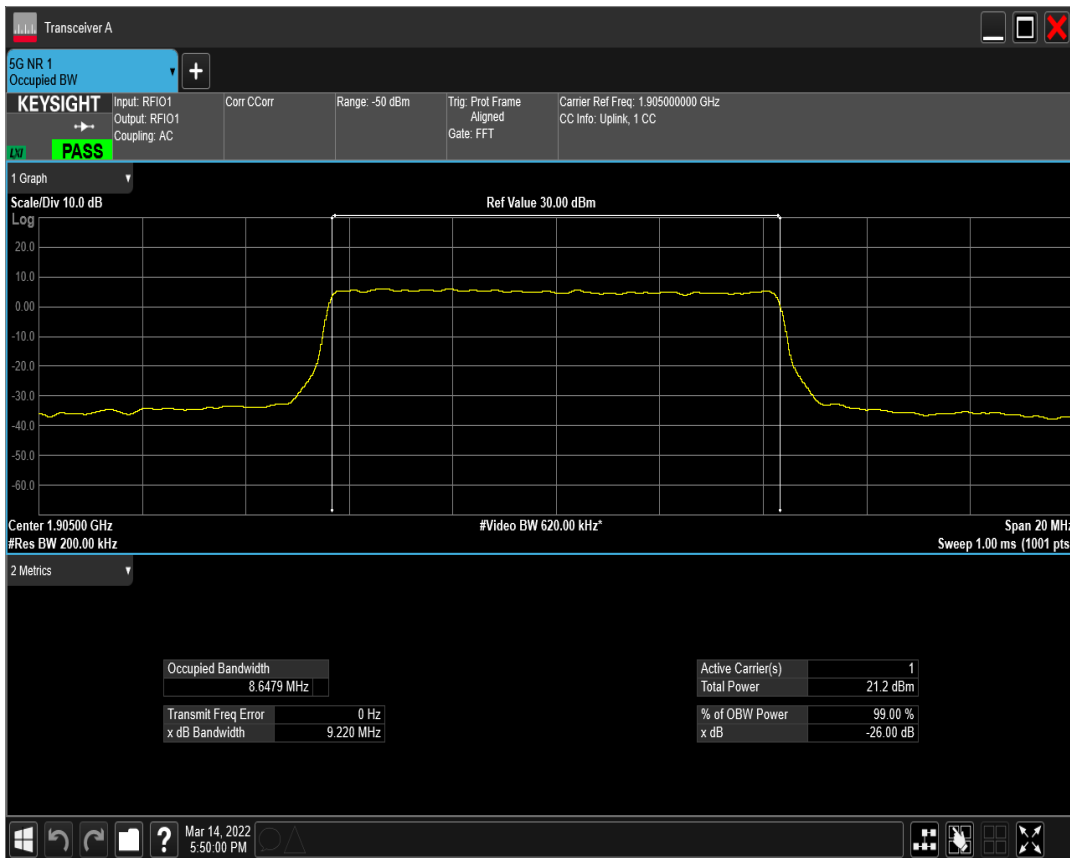
n2 SCS=30kHz DFT_BPSK BW=10MHz Channel=381000 RB=24@0



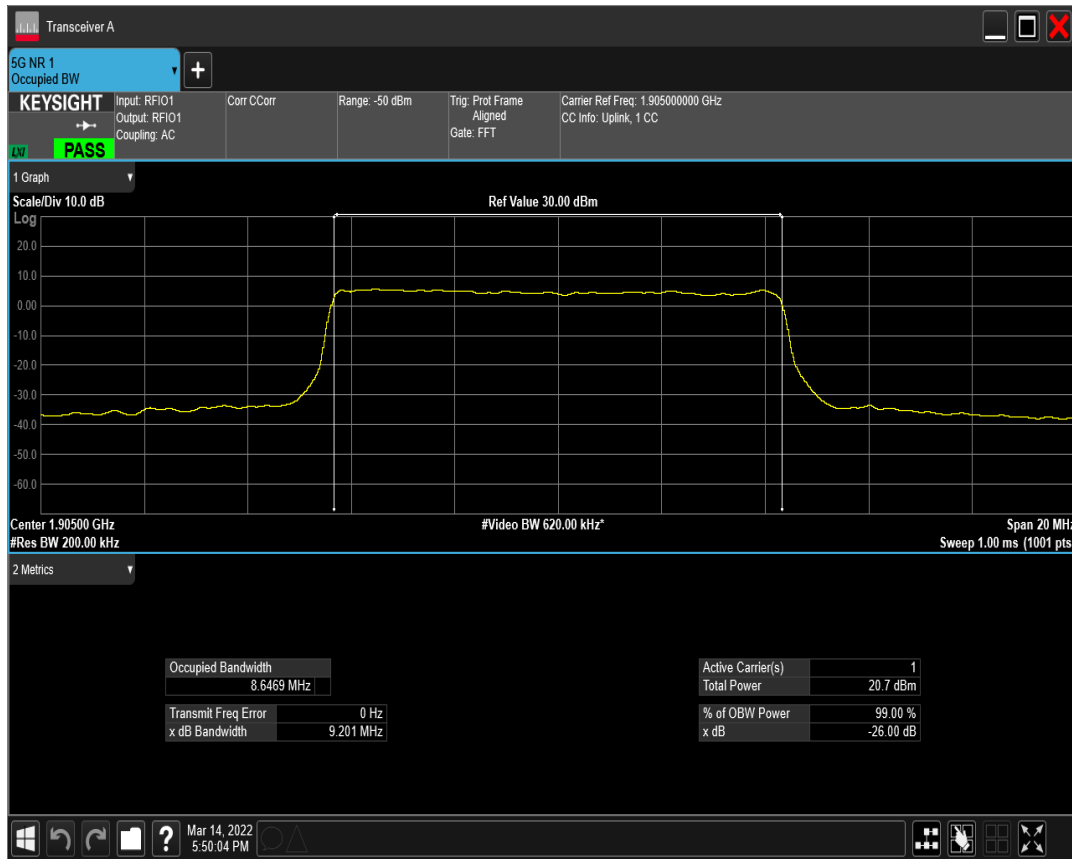
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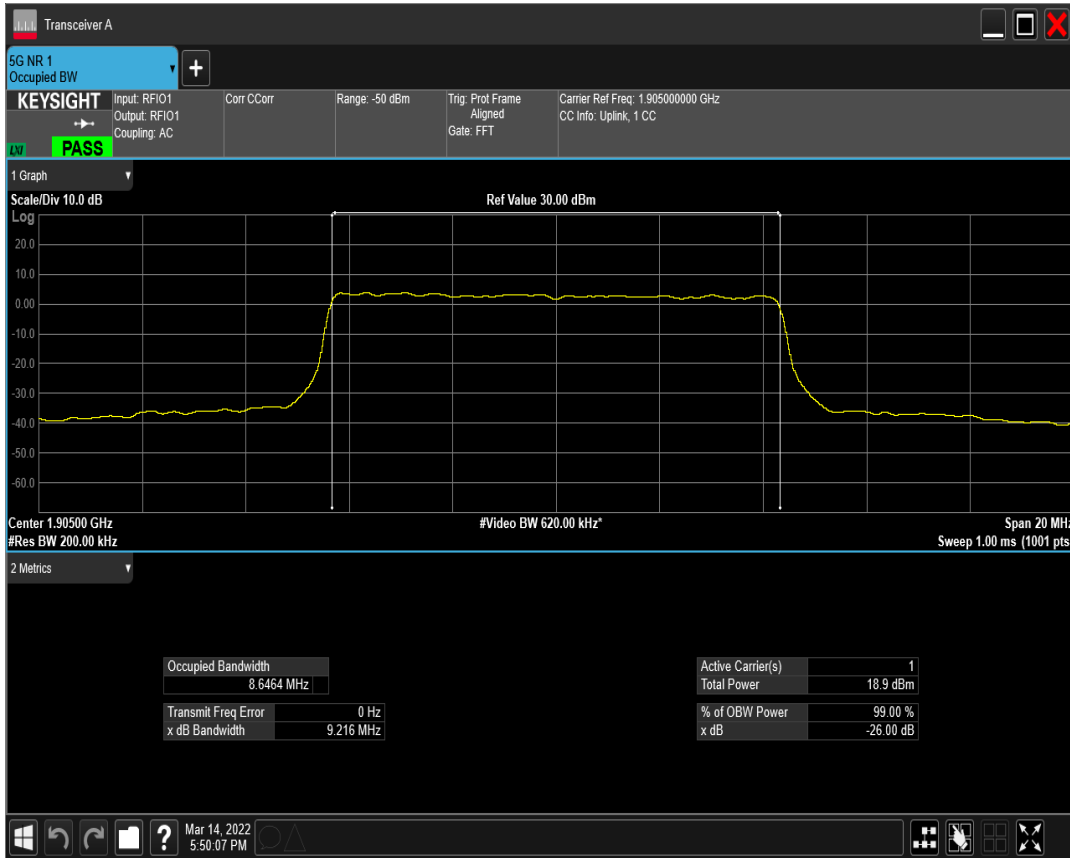
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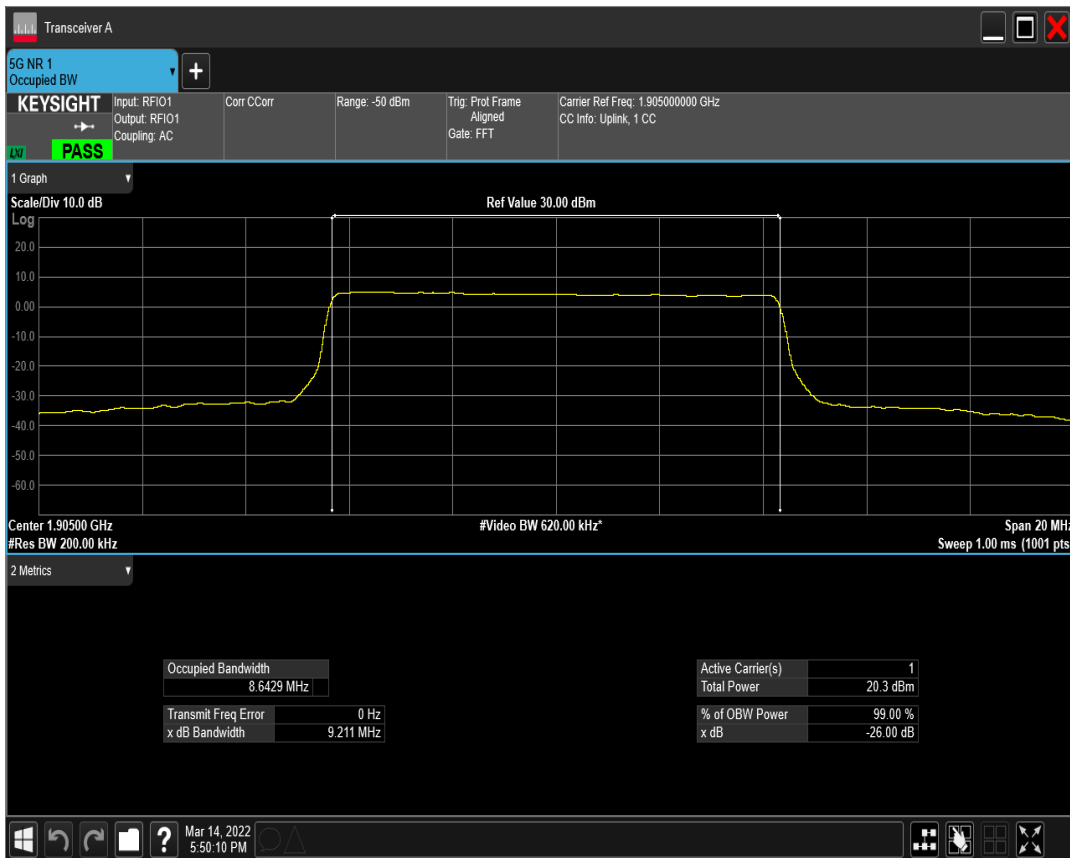
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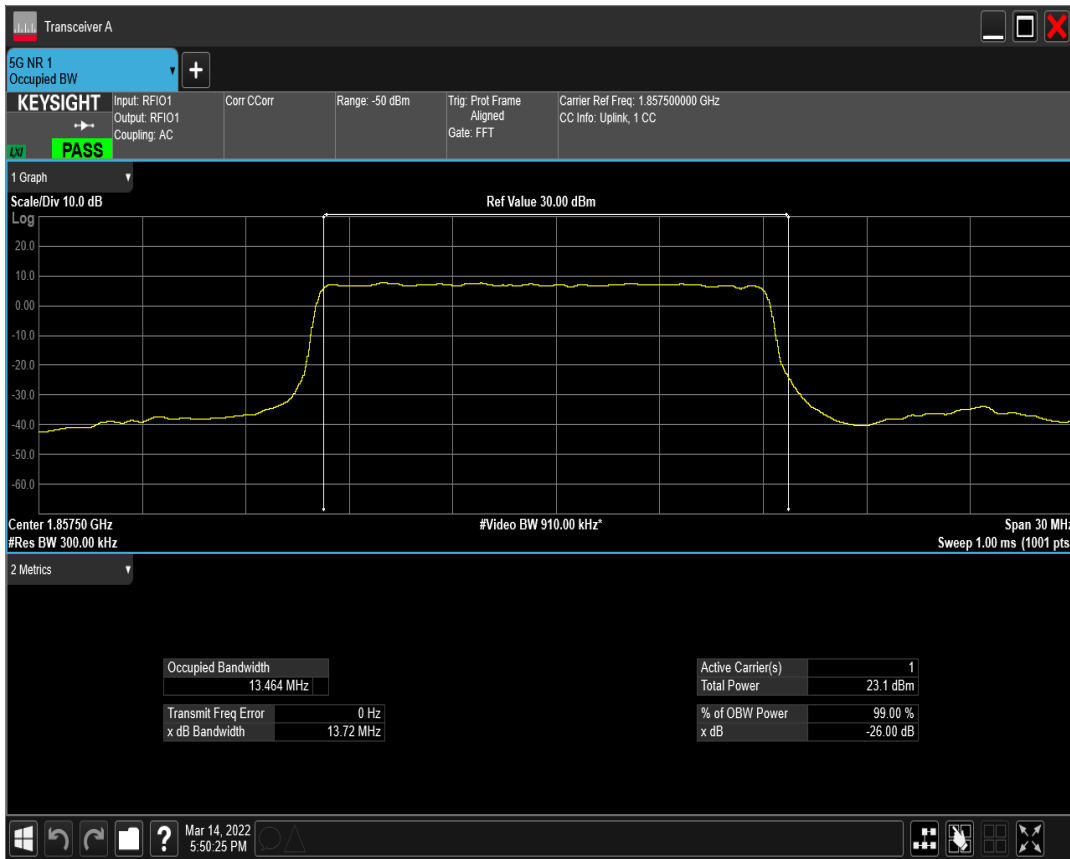
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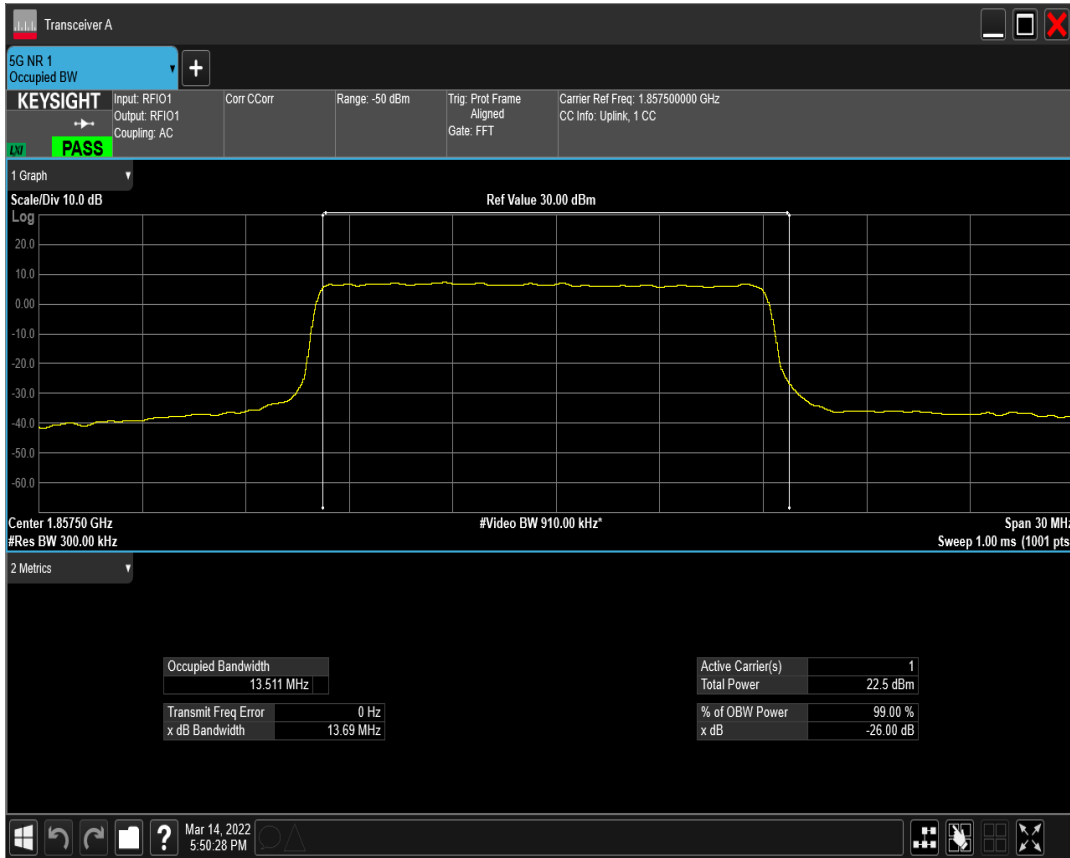
n2 SCS=30kHz CP_QPSK BW=10MHz Channel=381000 RB=24@0



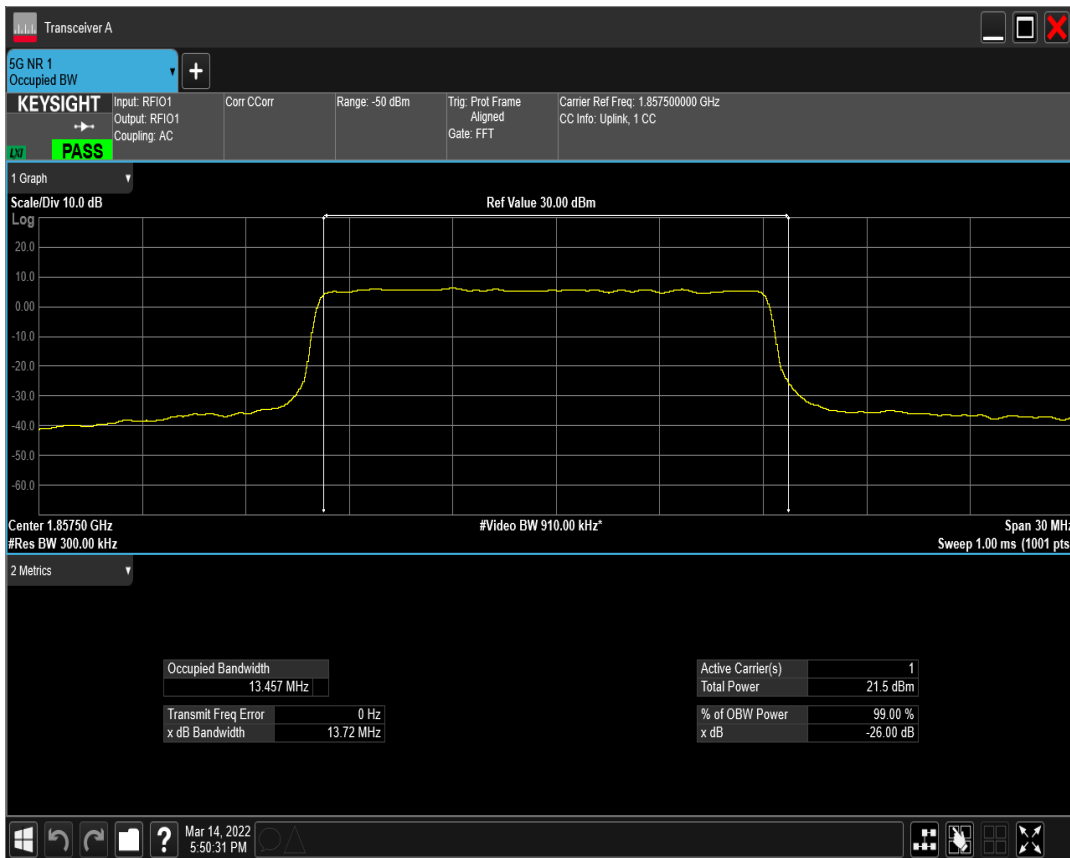
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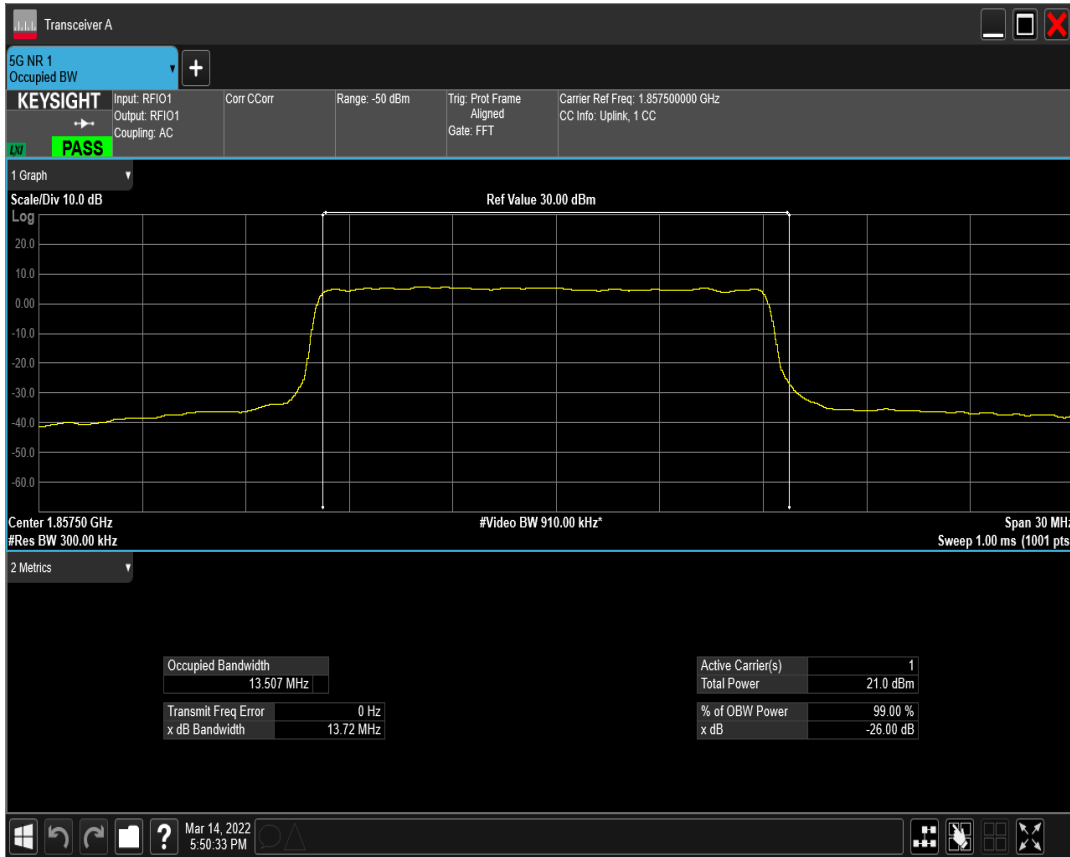
n2 SCS=30kHz DFT_QPSK BW=15MHz Channel=371500 RB=36@0



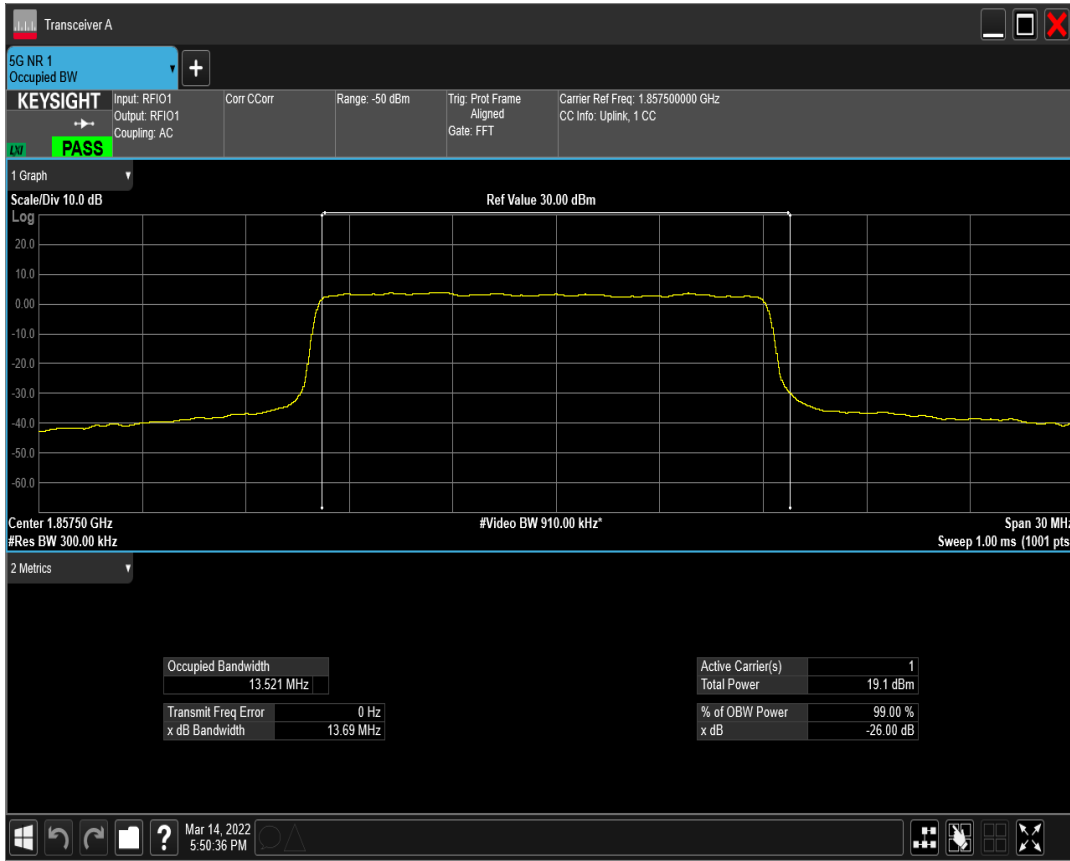
n2 SCS=30kHz DFT_QAM16 BW=15MHz Channel=371500 RB=36@0



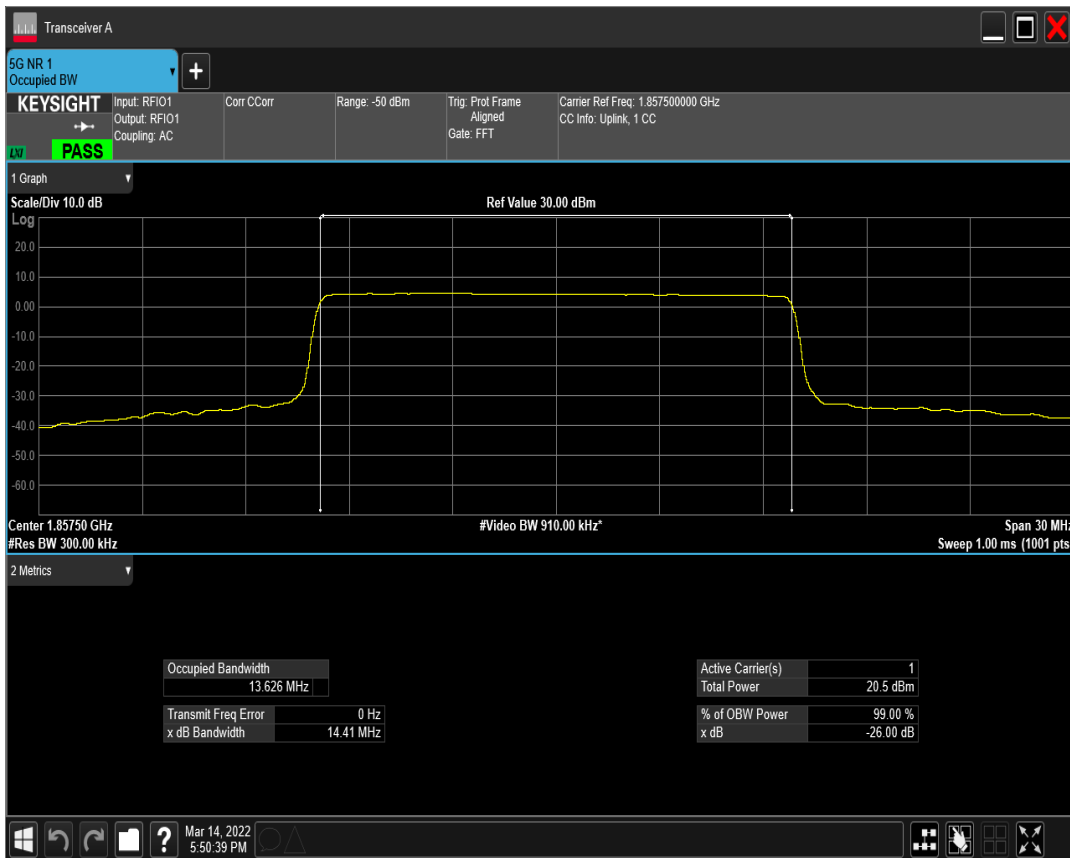
n2 SCS=30kHz DFT_QAM64 BW=15MHz Channel=371500 RB=36@0



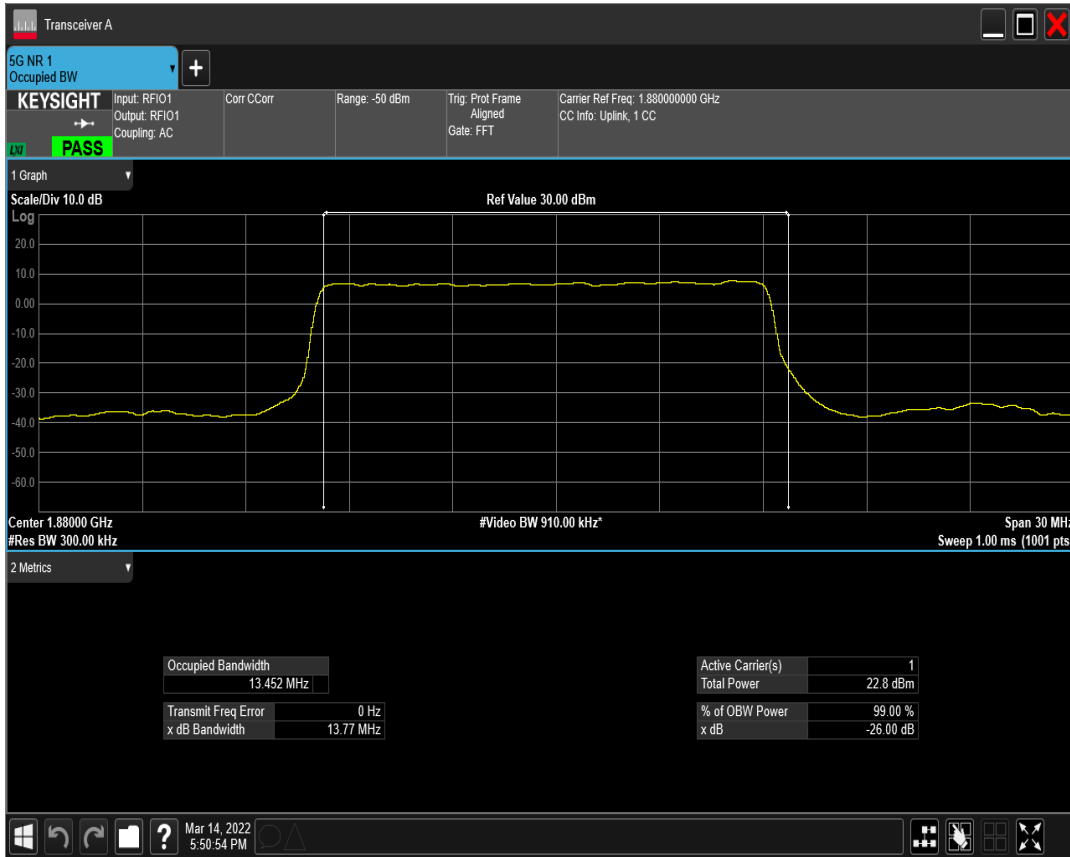
n2 SCS=30kHz DFT_QAM256 BW=15MHz Channel=371500 RB=36@0



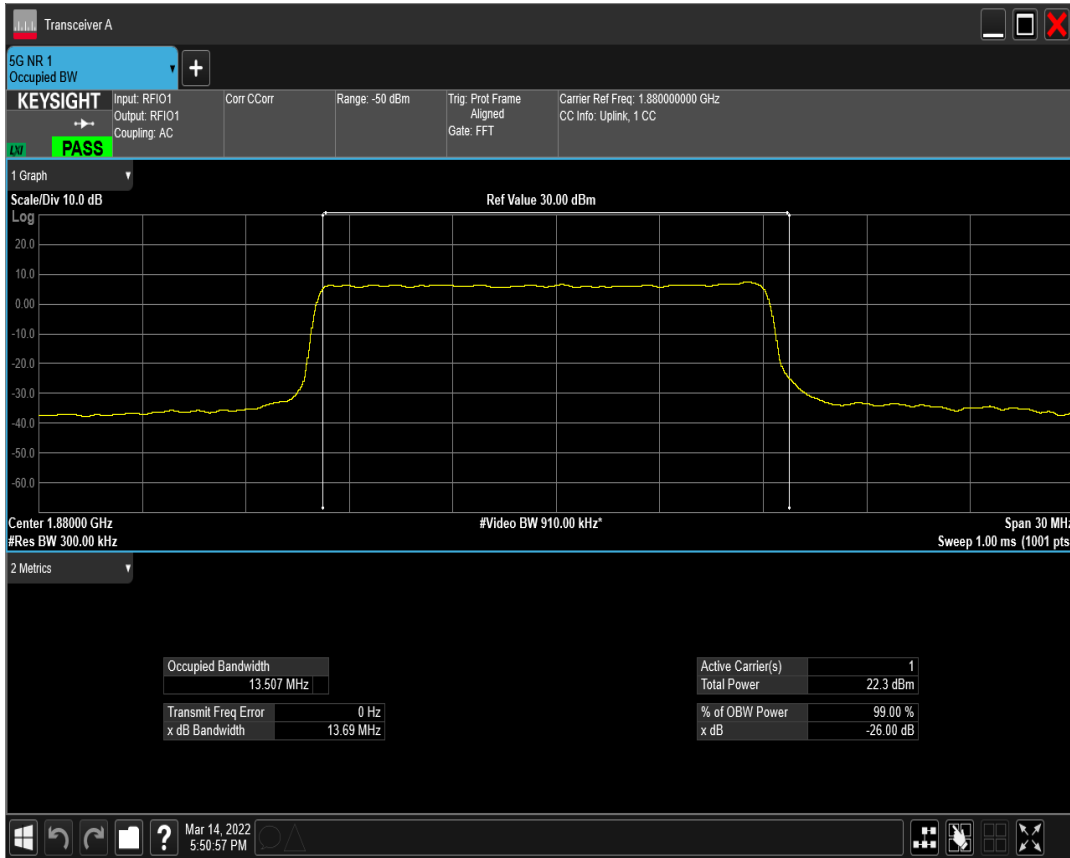
n2 SCS=30kHz CP_QPSK BW=15MHz Channel=371500 RB=38@0



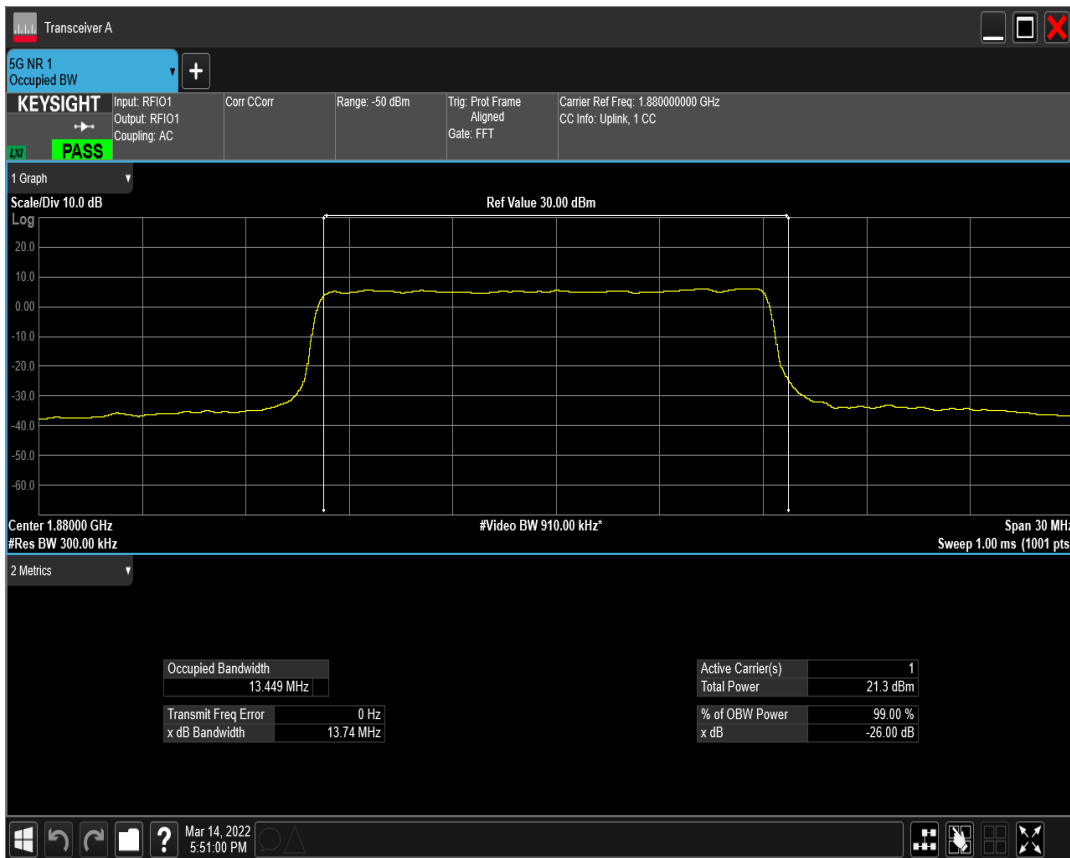
n2 SCS=30kHz DFT_BPSK BW=15MHz Channel=376000 RB=36@0



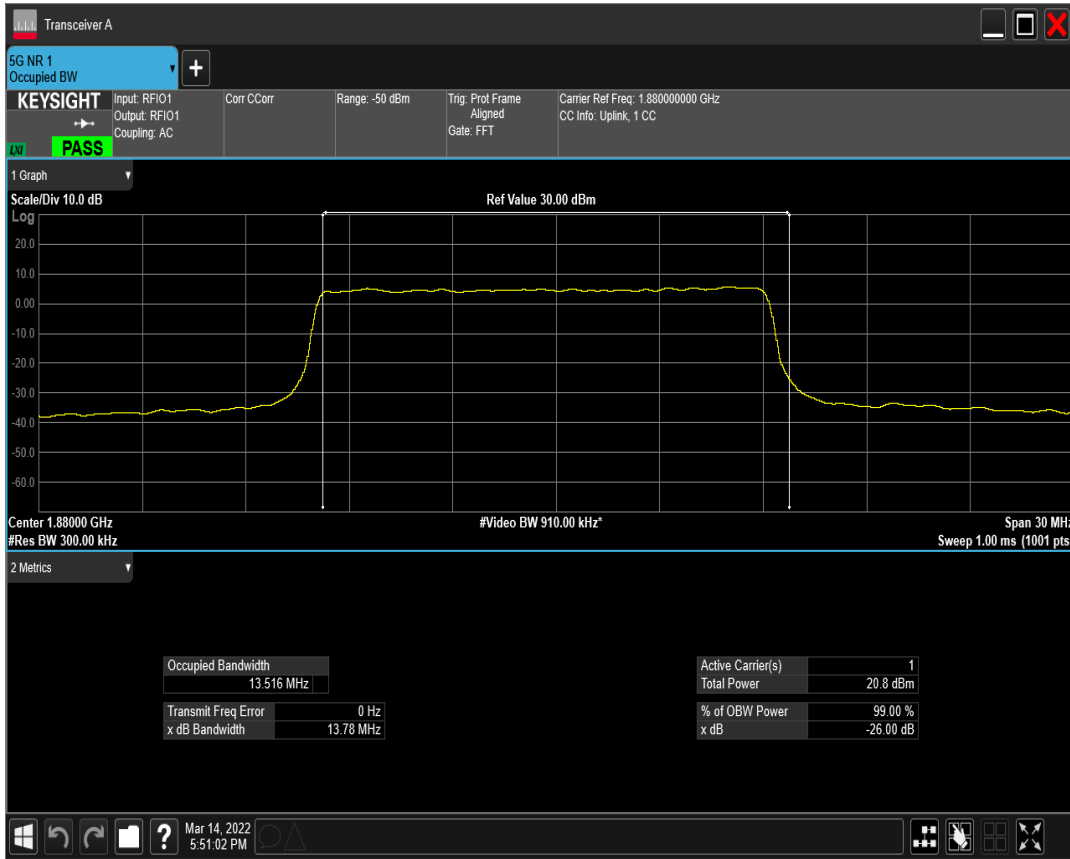
n2 SCS=30kHz DFT_QPSK BW=15MHz Channel=376000 RB=36@0



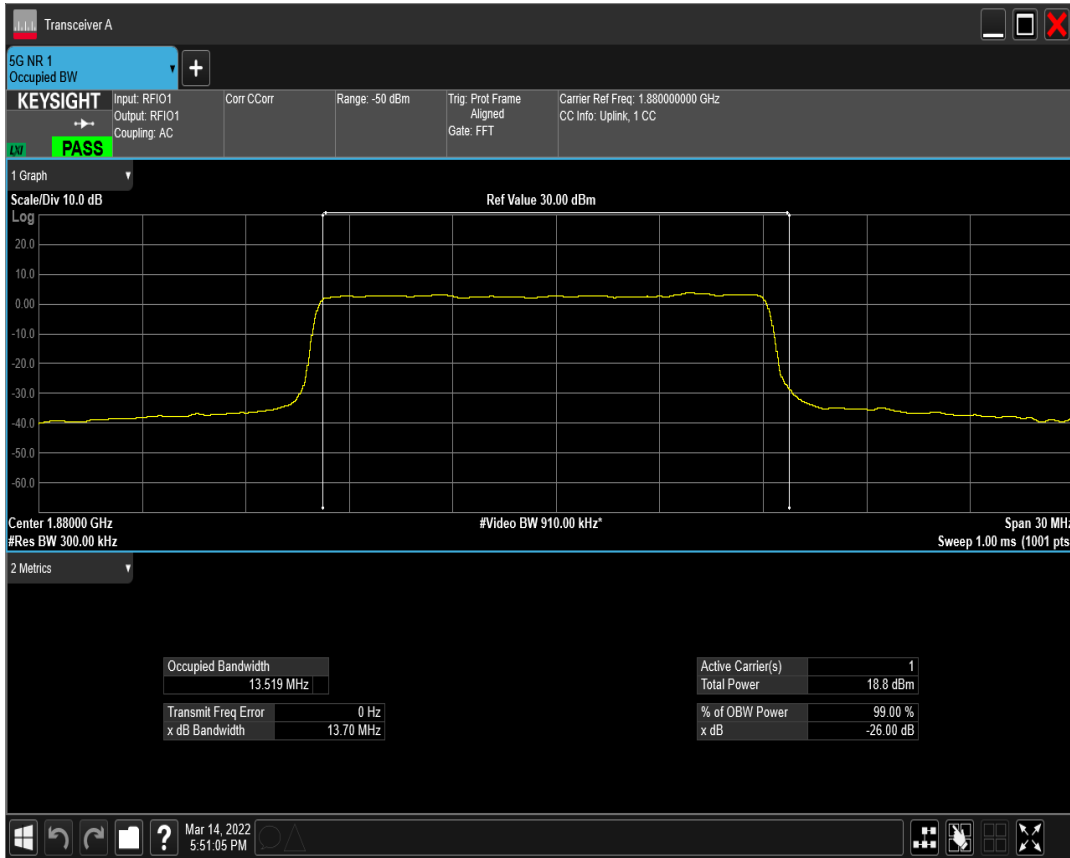
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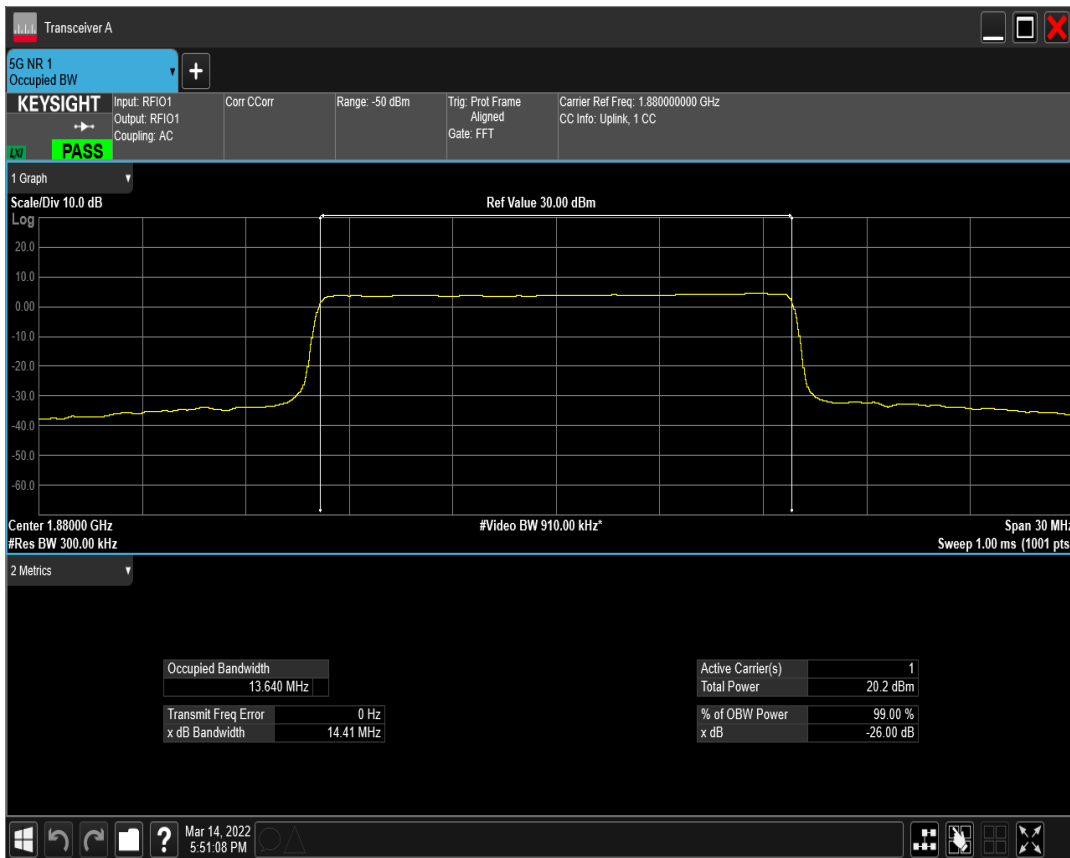
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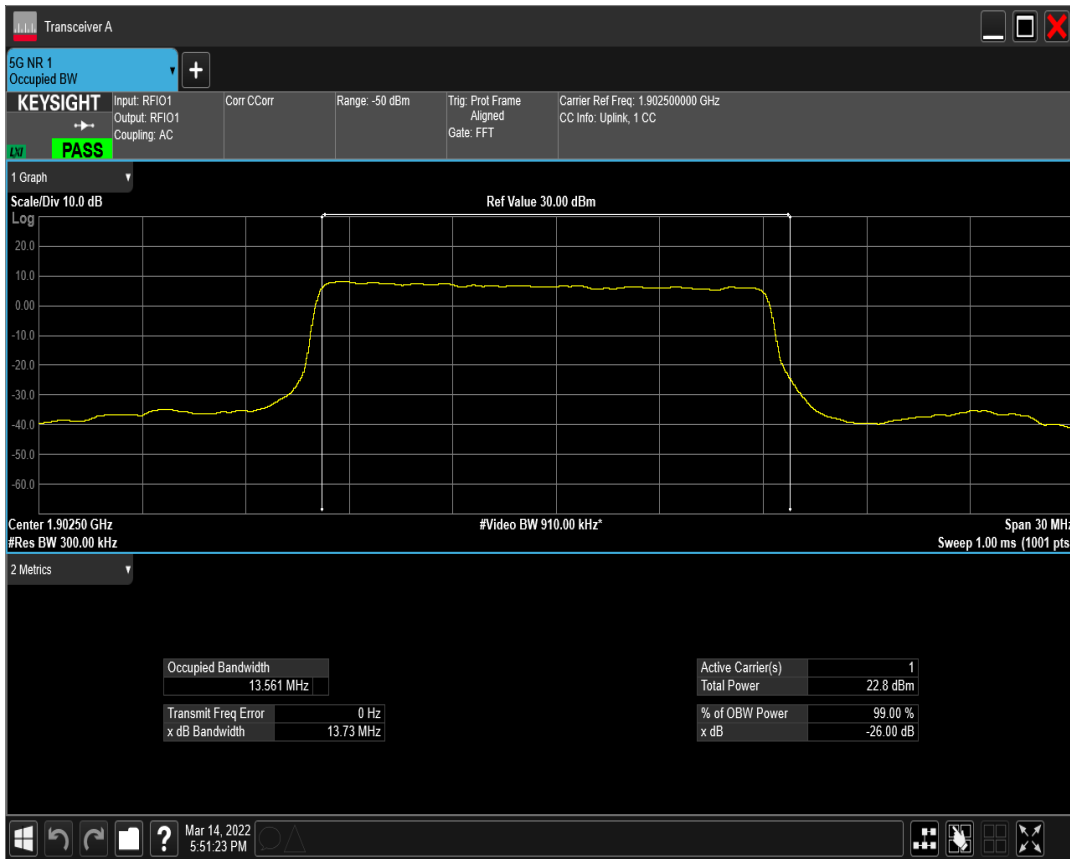
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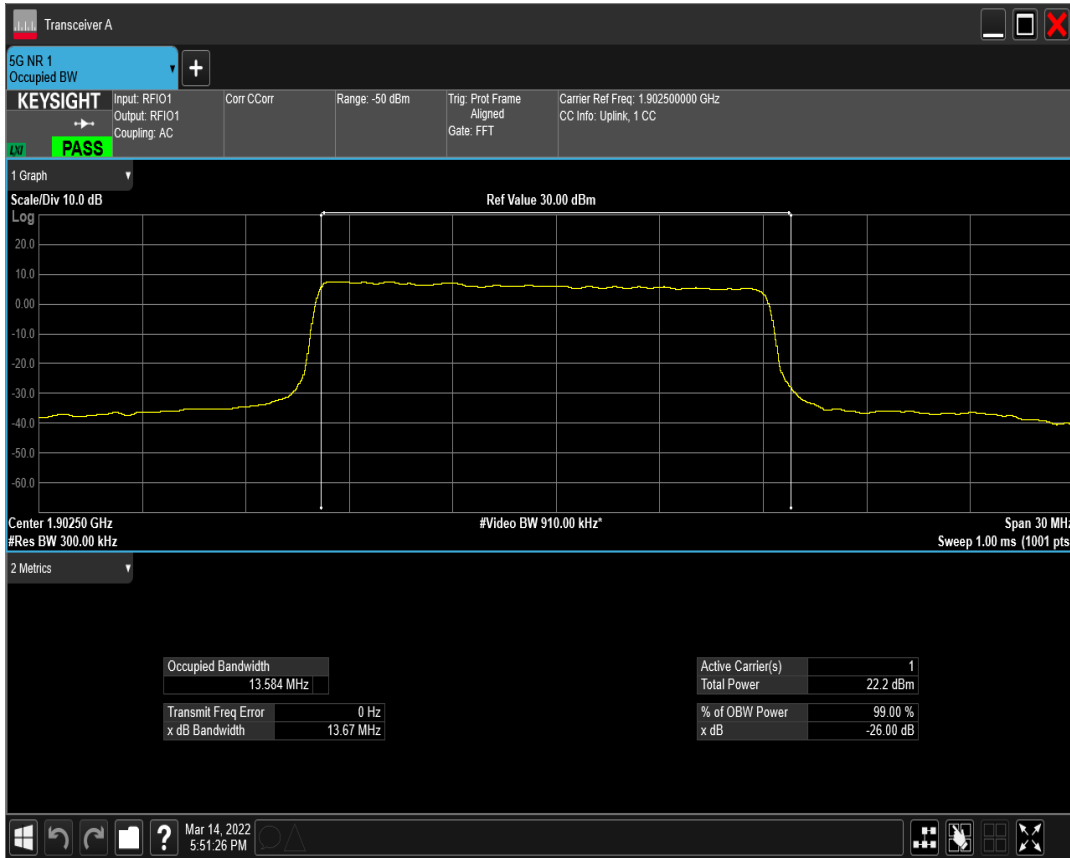
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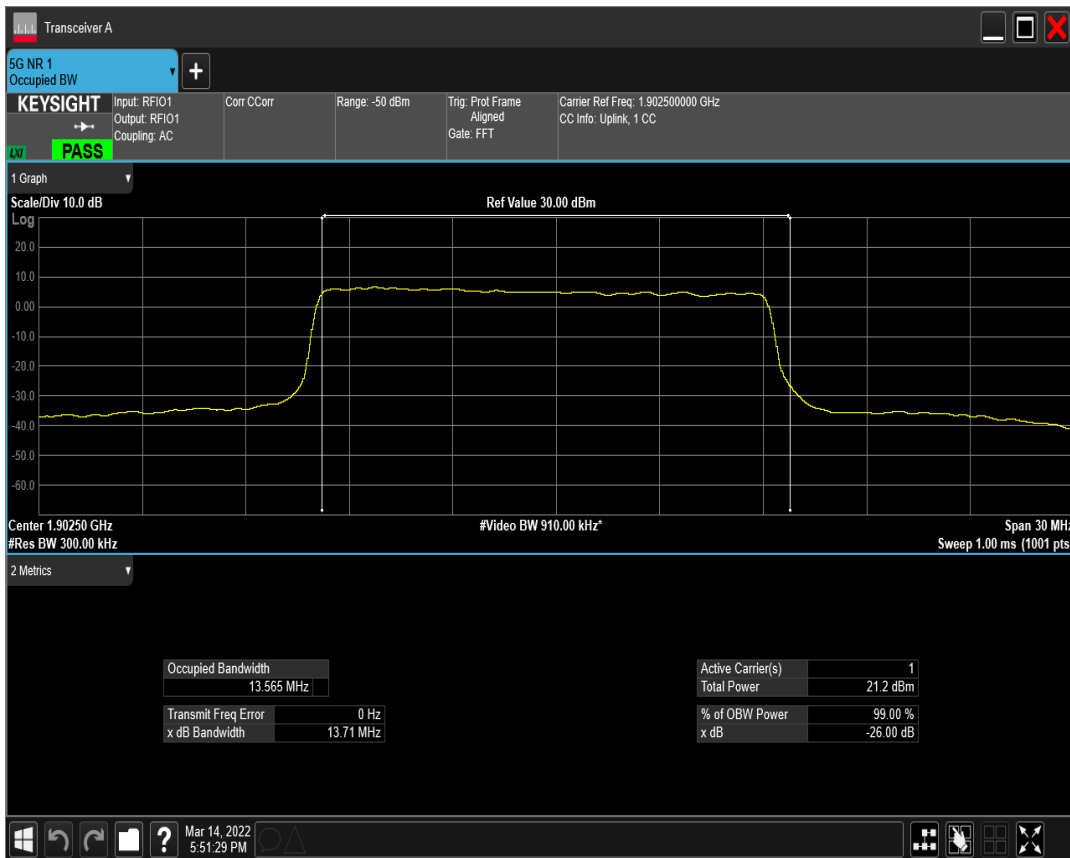
n2 SCS=30kHz DFT_BPSK BW=15MHz Channel=380500 RB=36@0



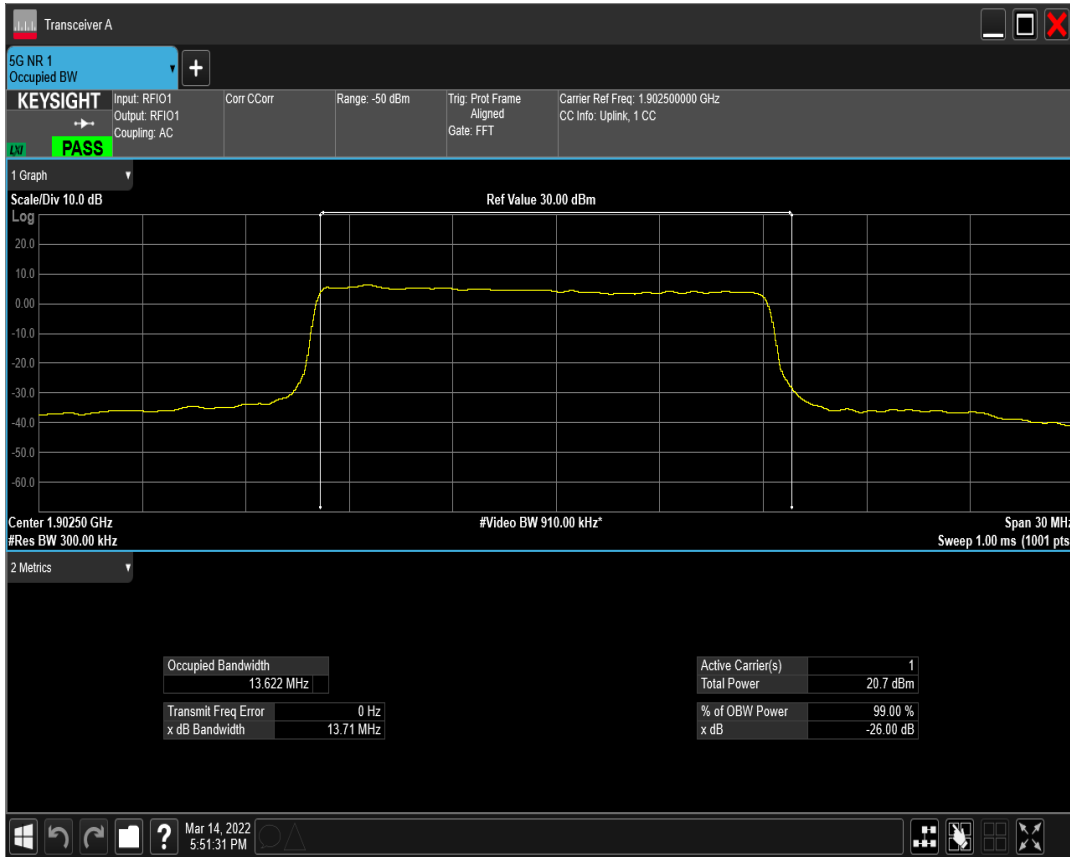
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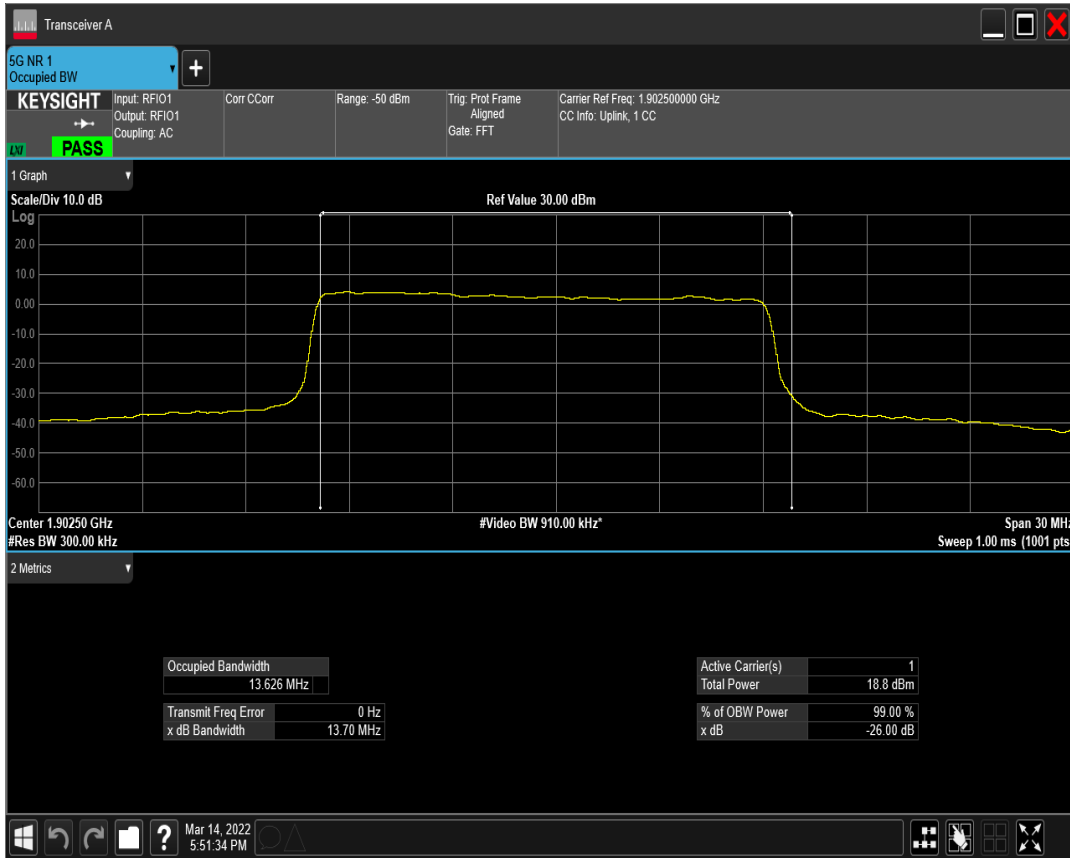
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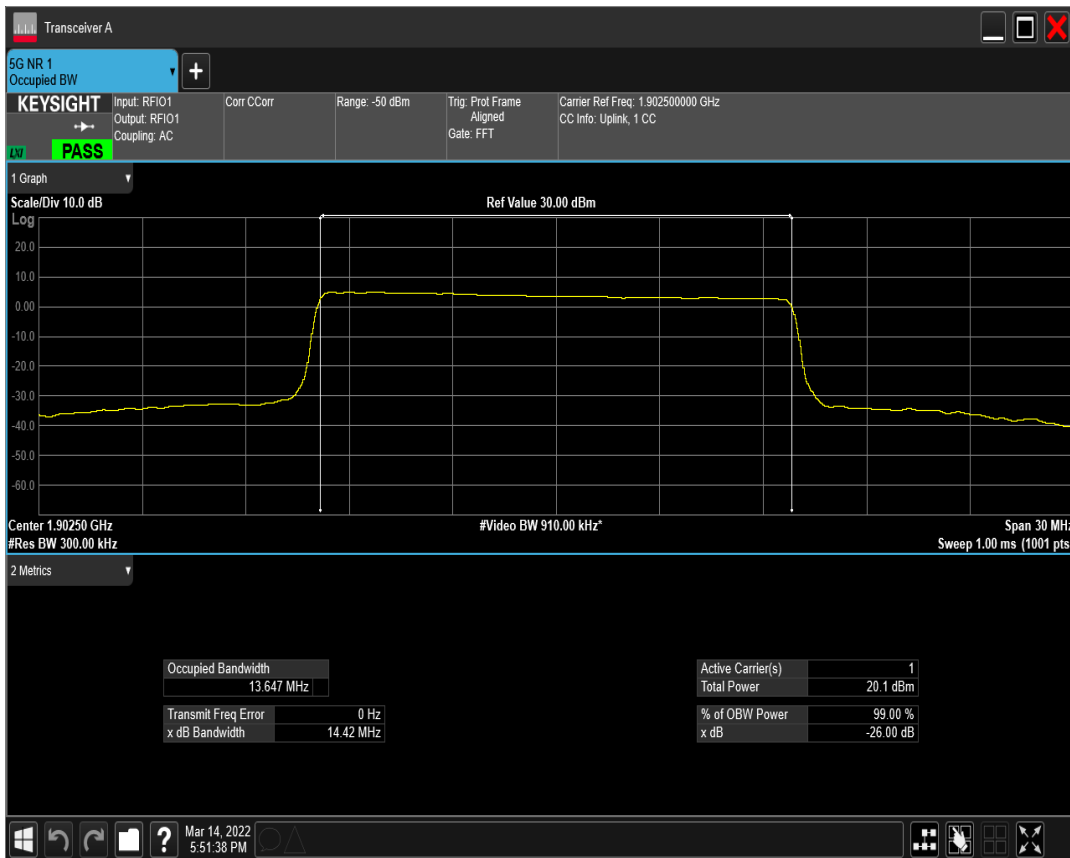
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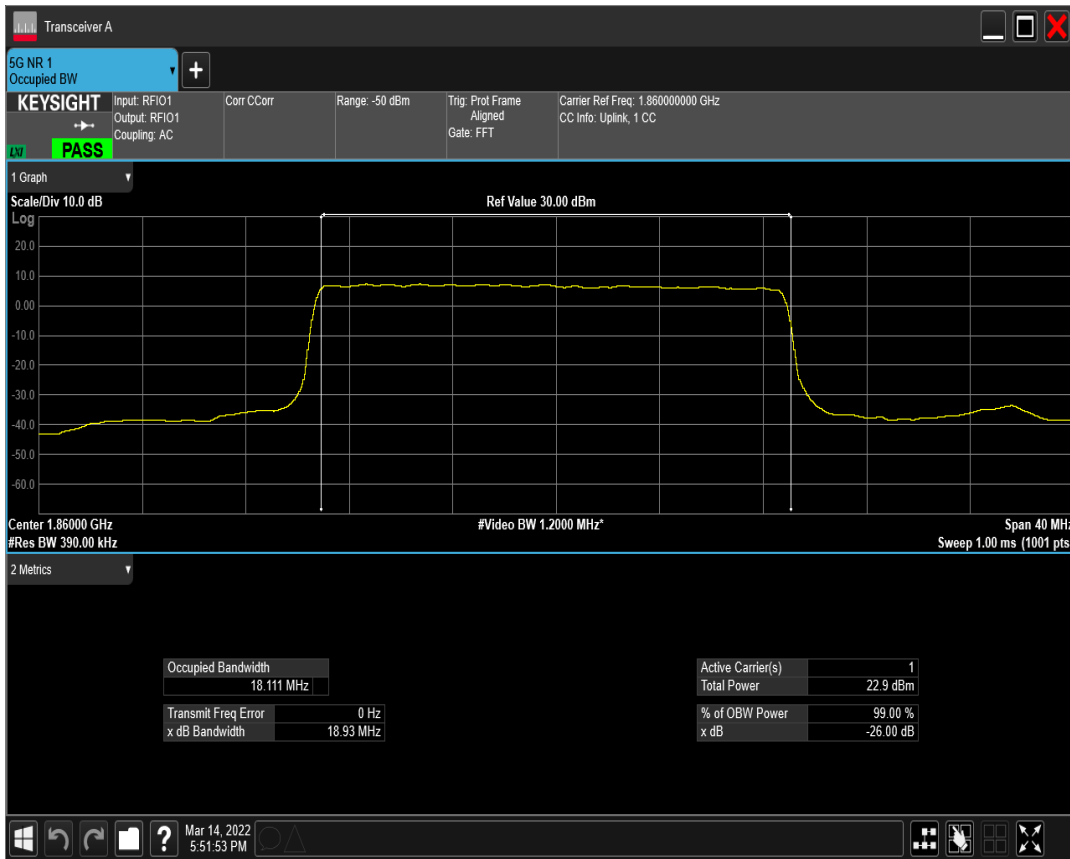
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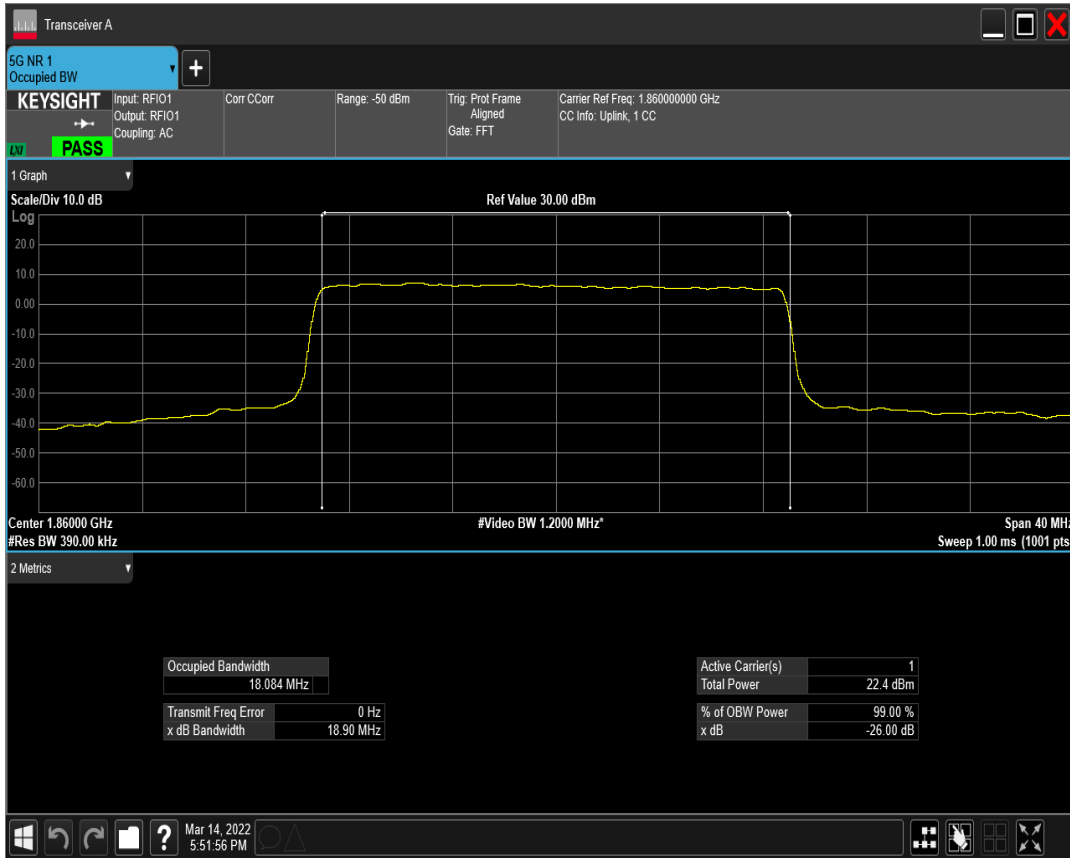
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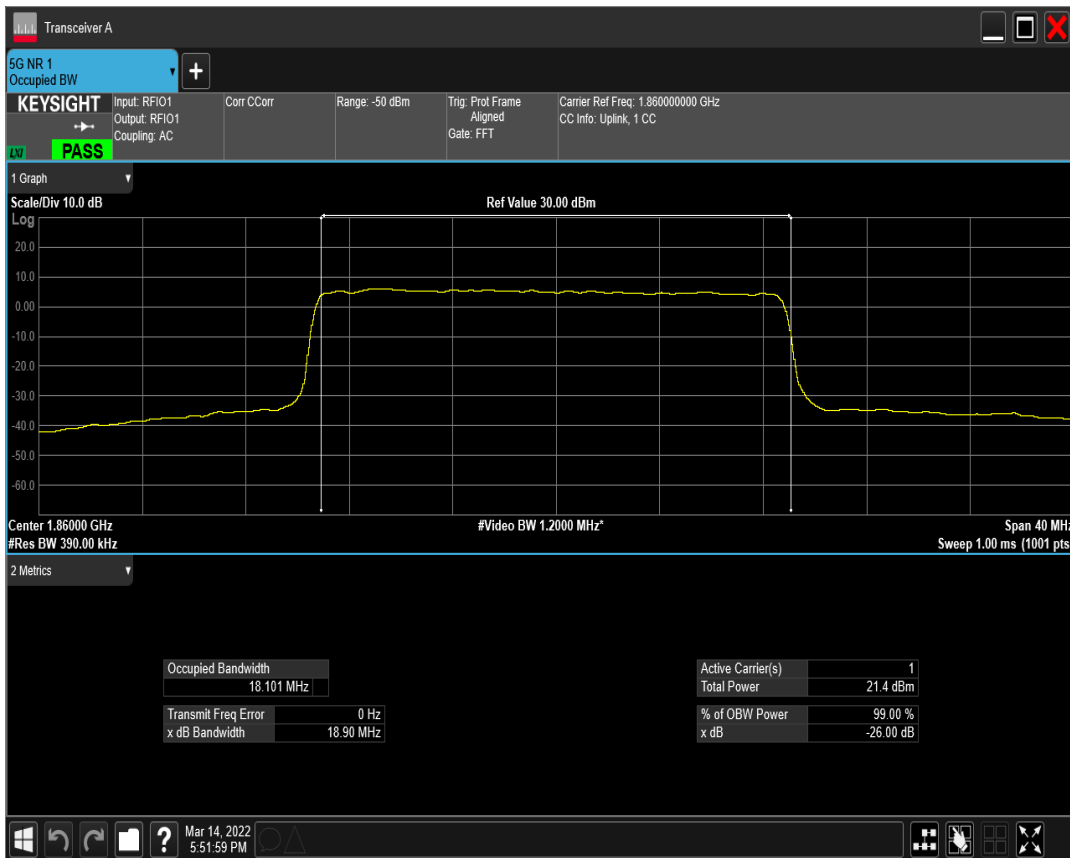
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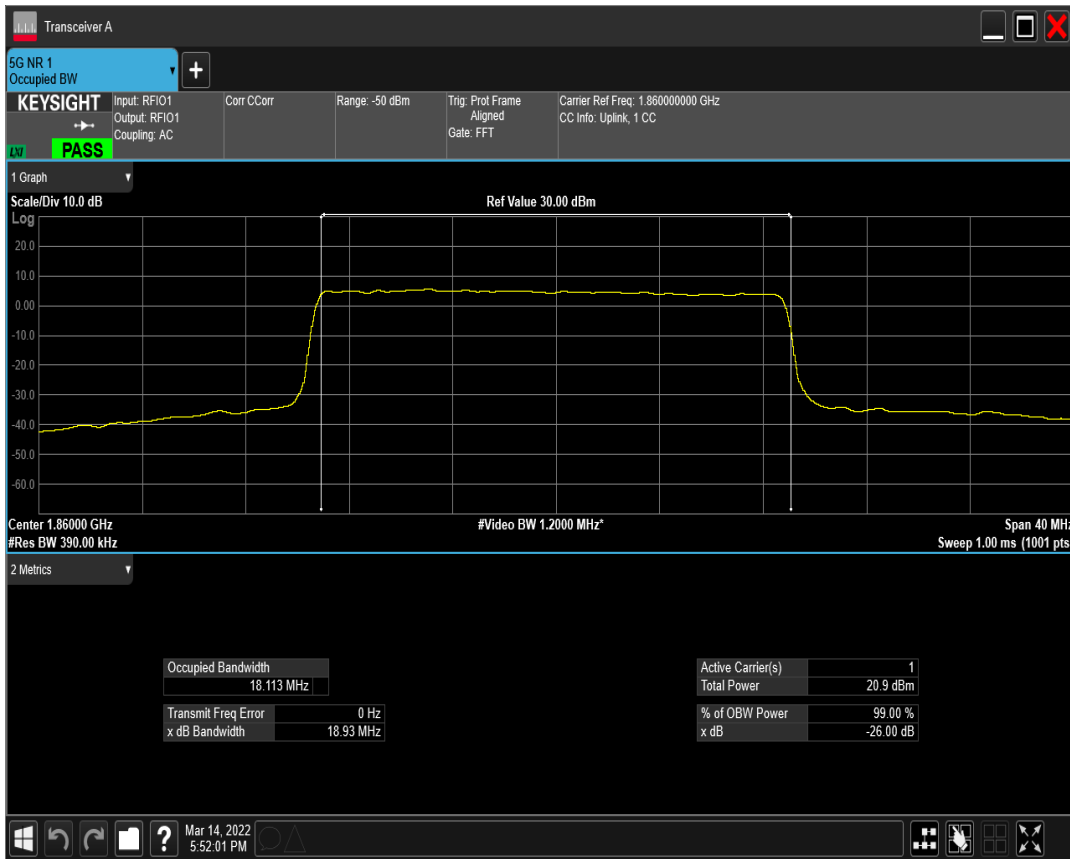
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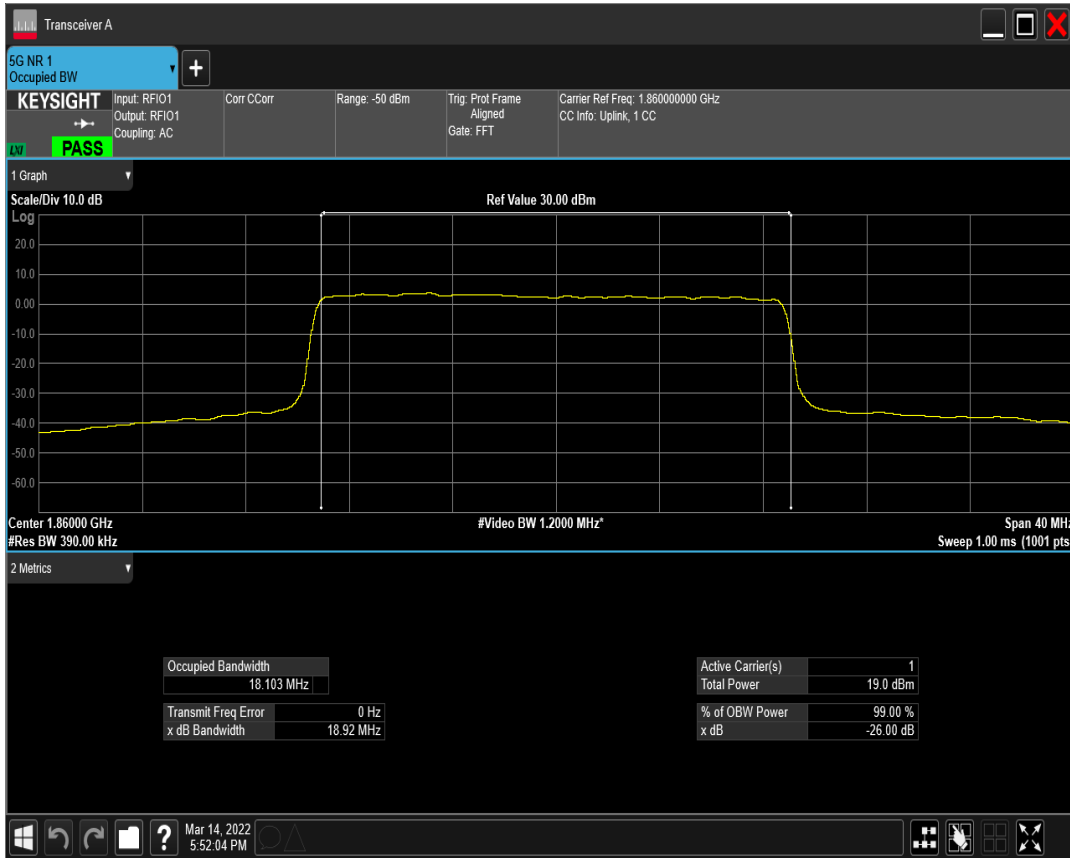
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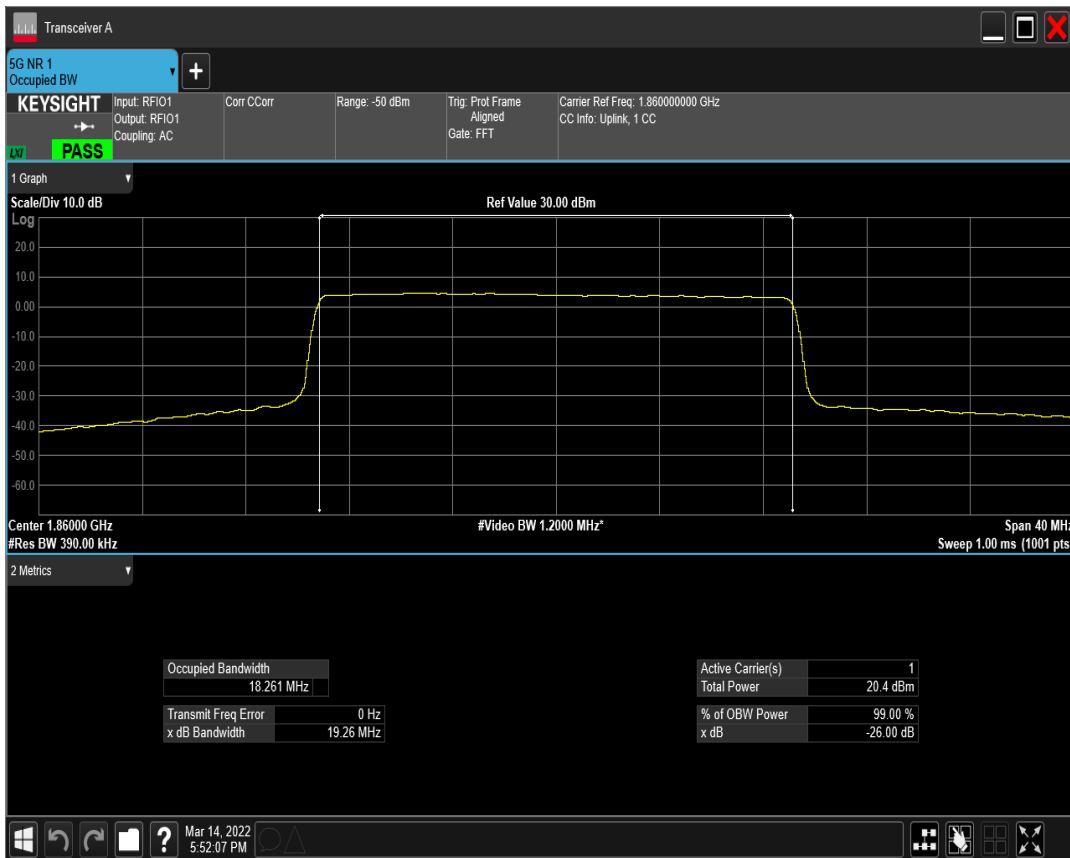
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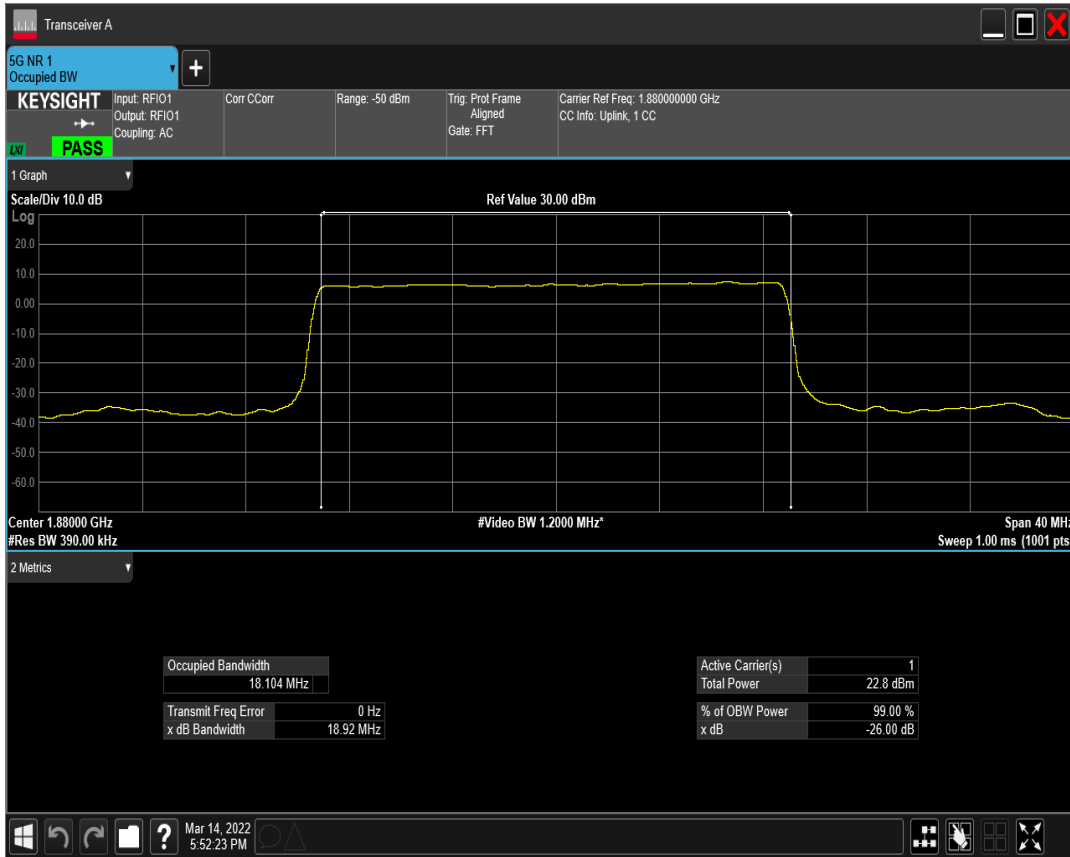
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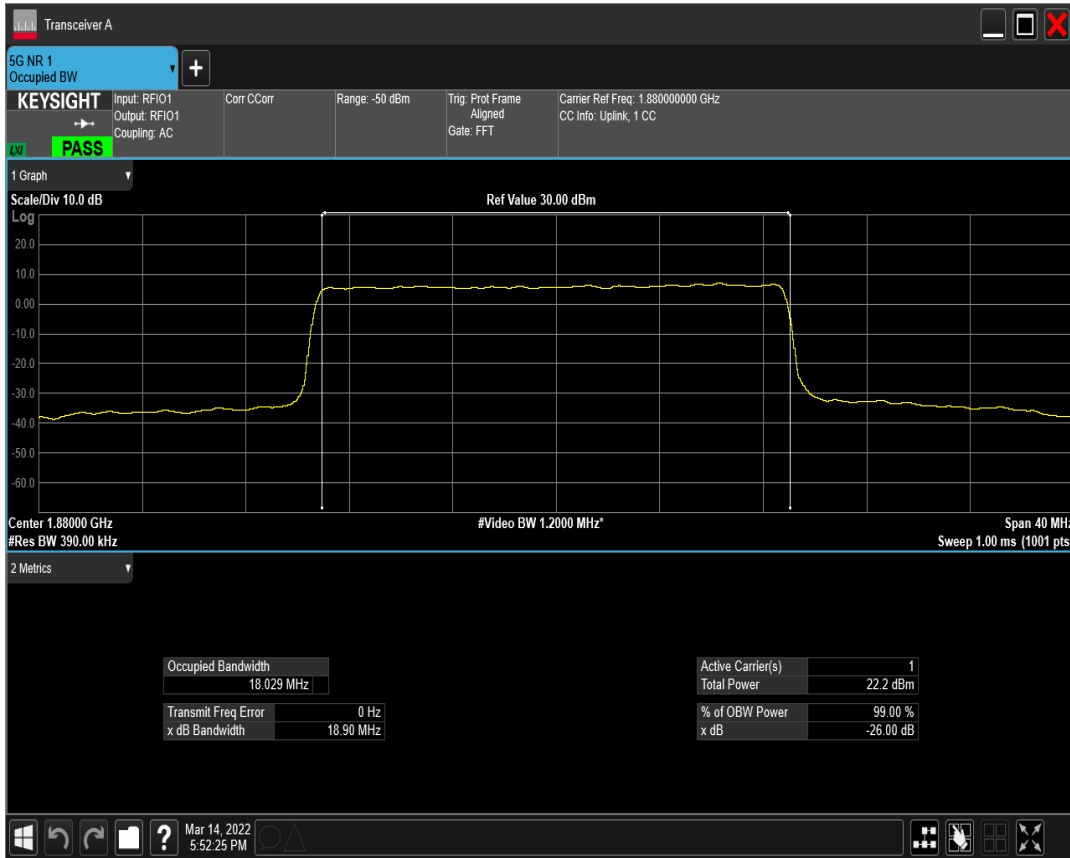
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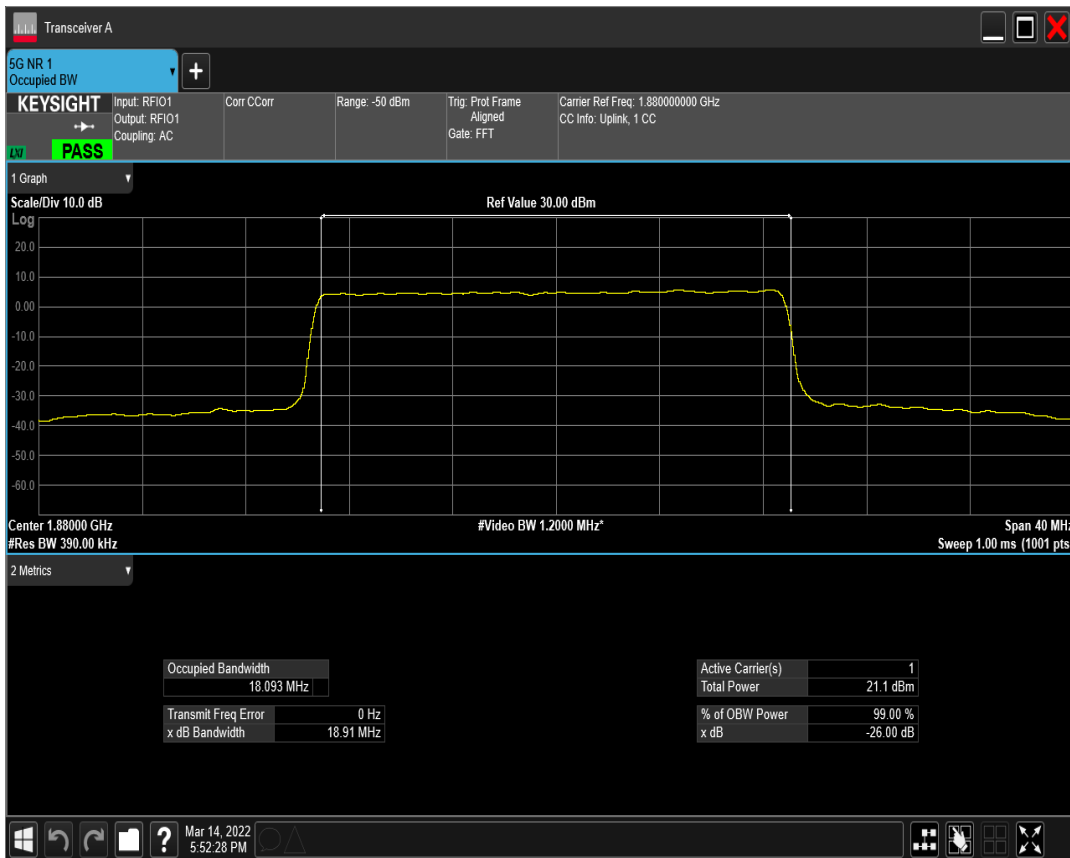
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n2 SCS=30kHz DFT_QPSK BW=20MHz Channel=376000 RB=50@0



n2 SCS=30kHz DFT_QAM16 BW=20MHz Channel=376000 RB=50@0



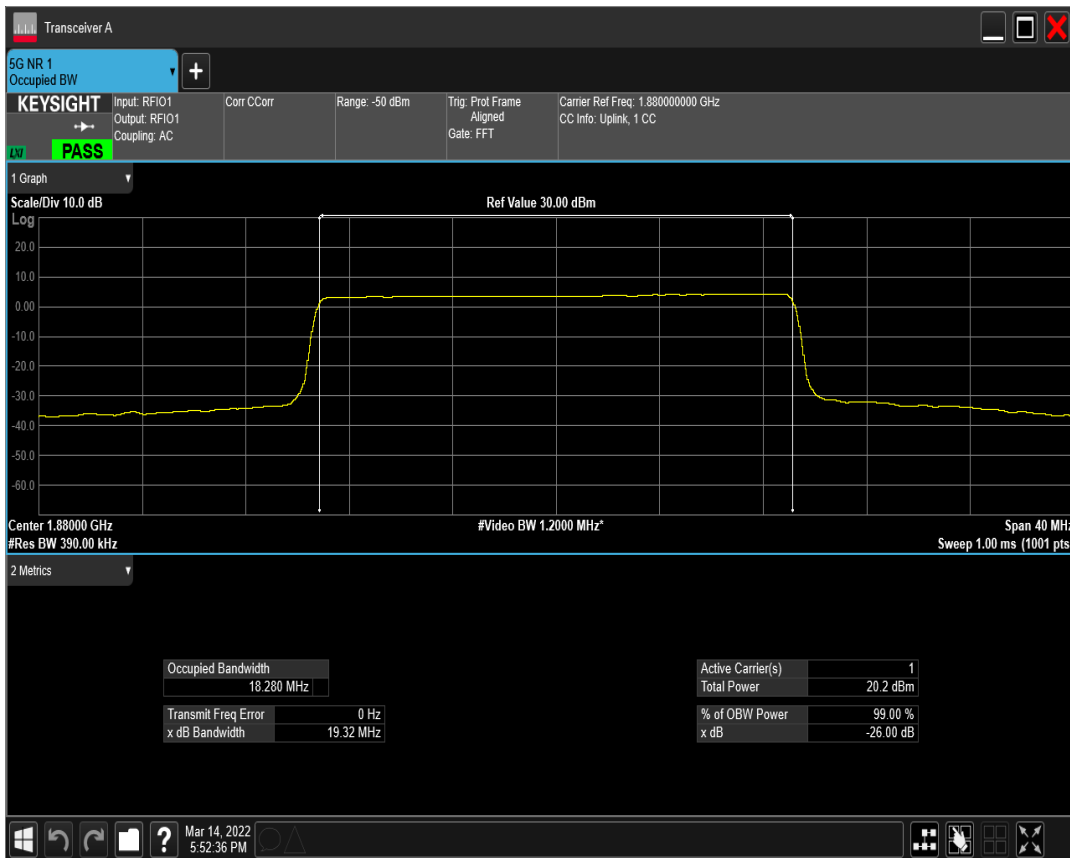
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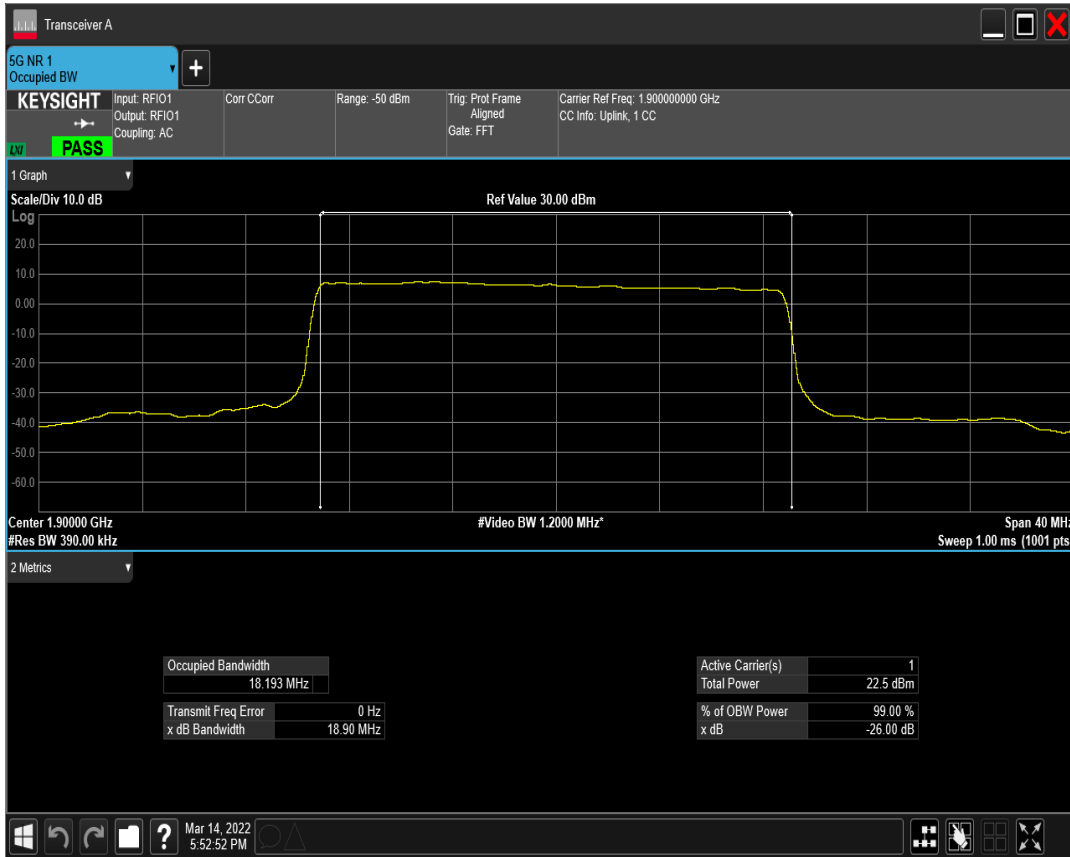
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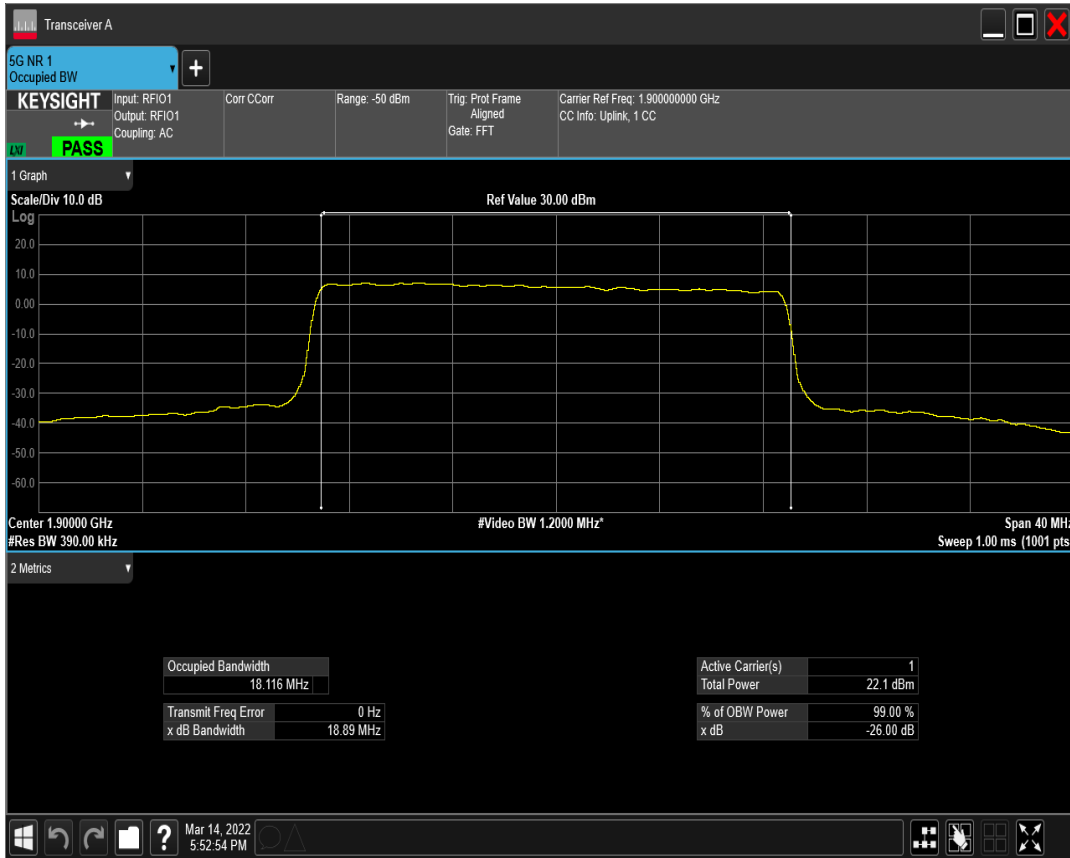
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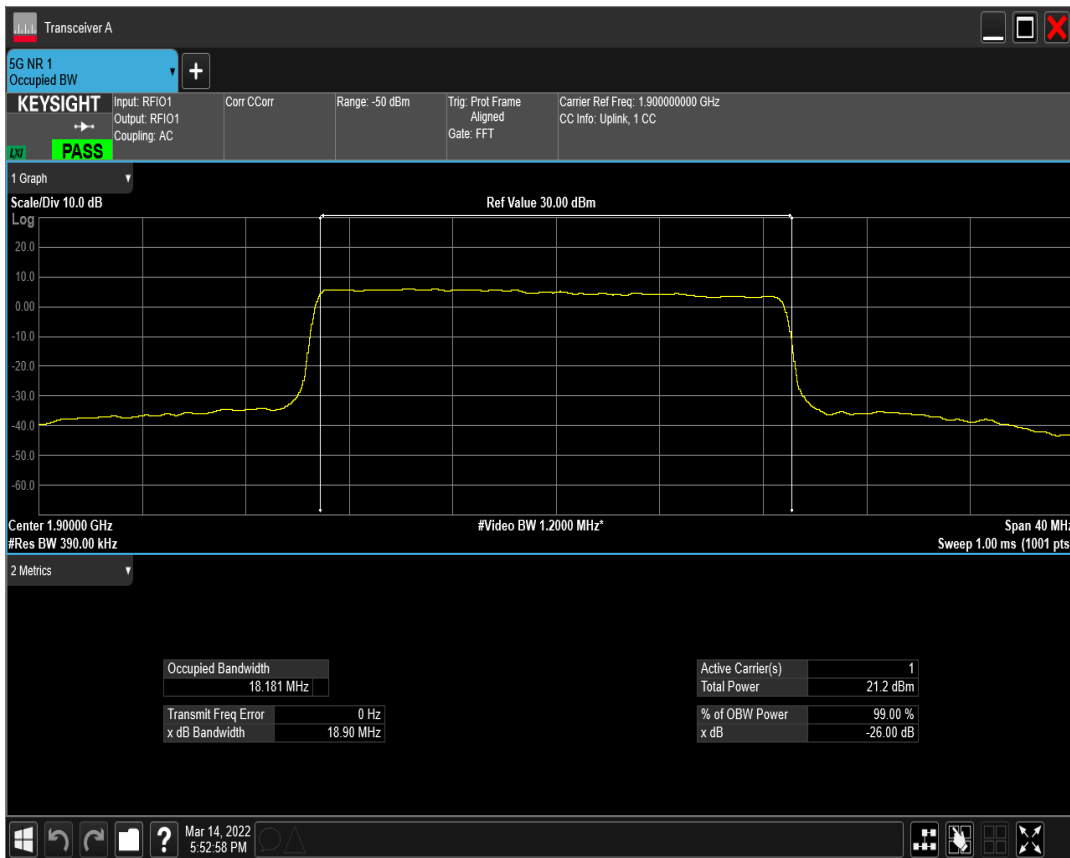
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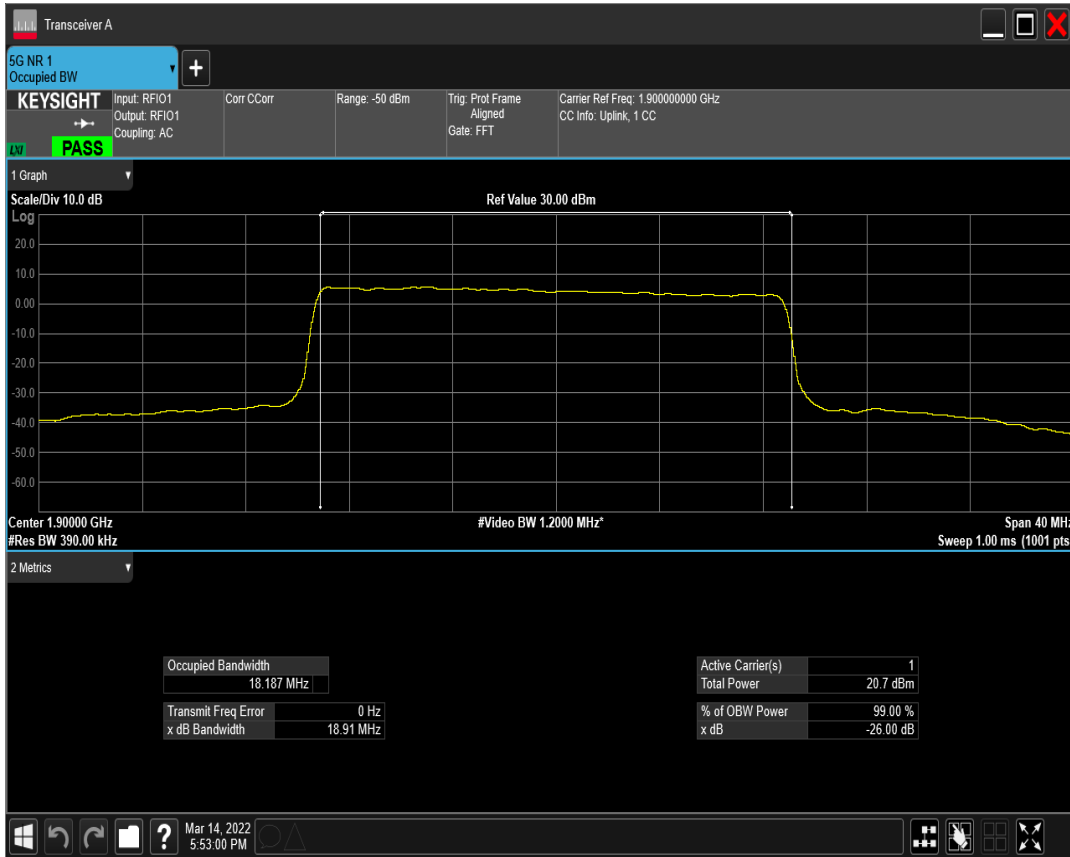
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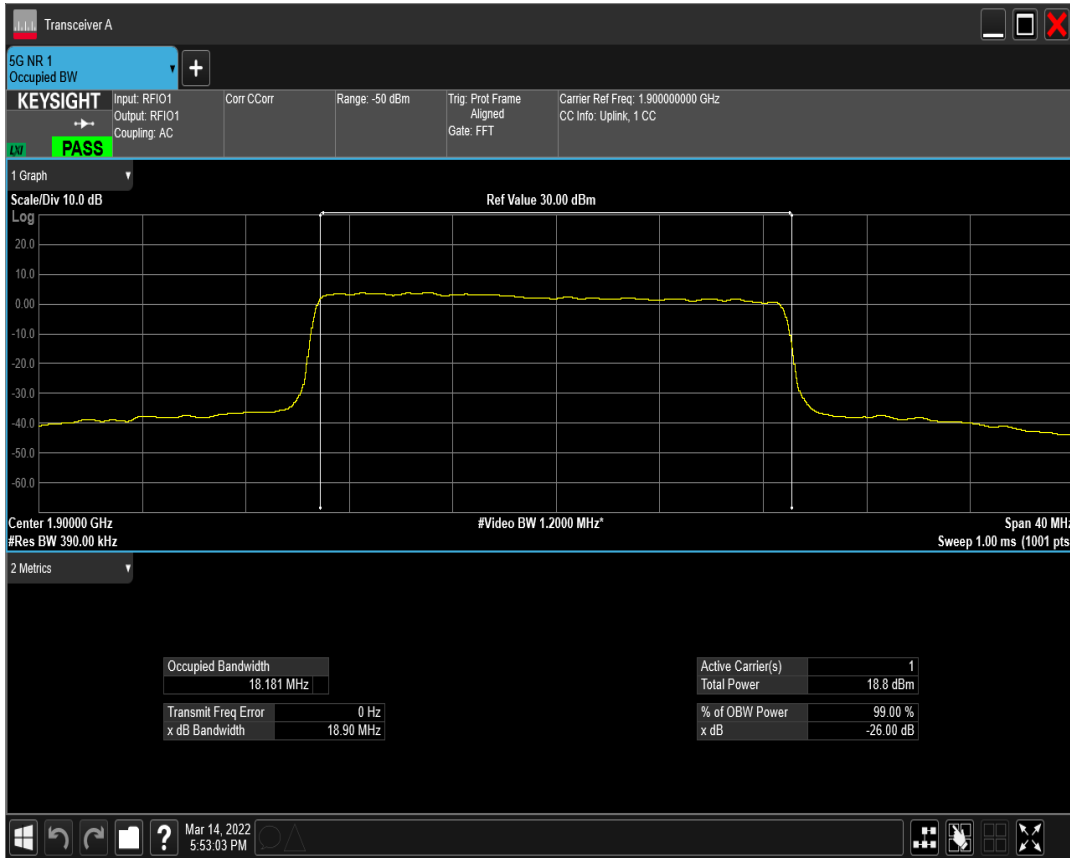
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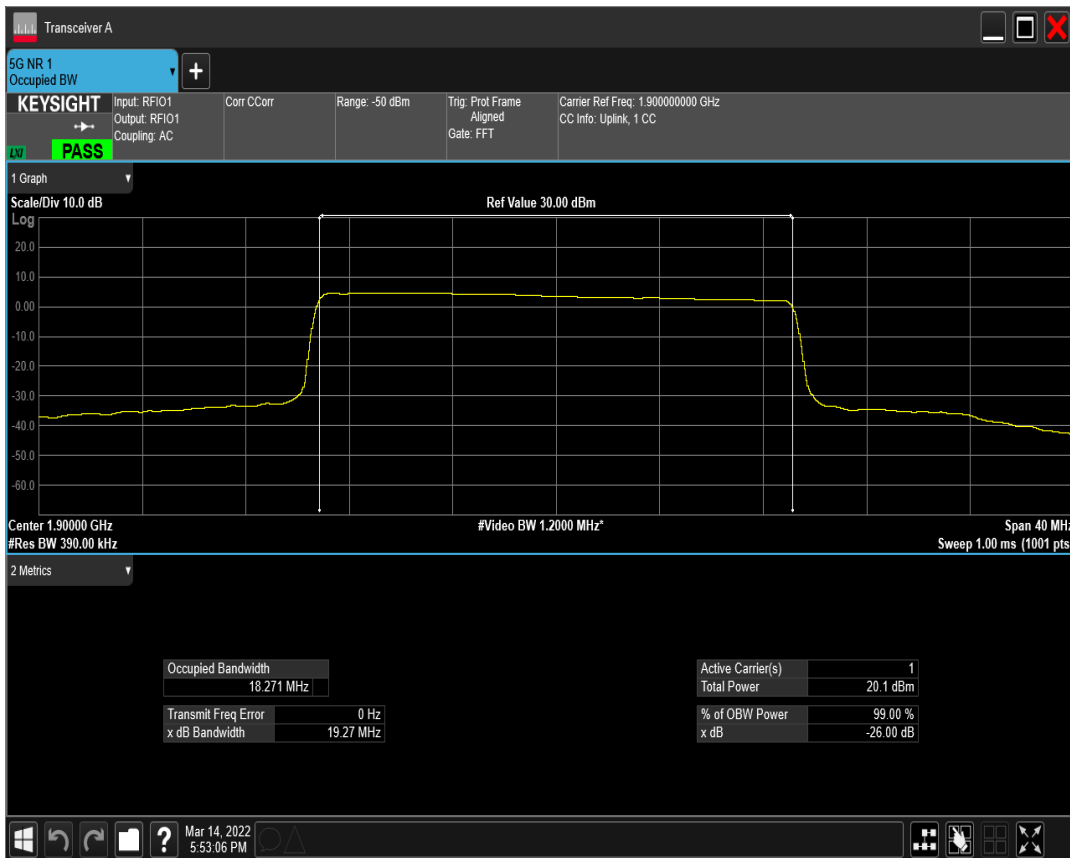
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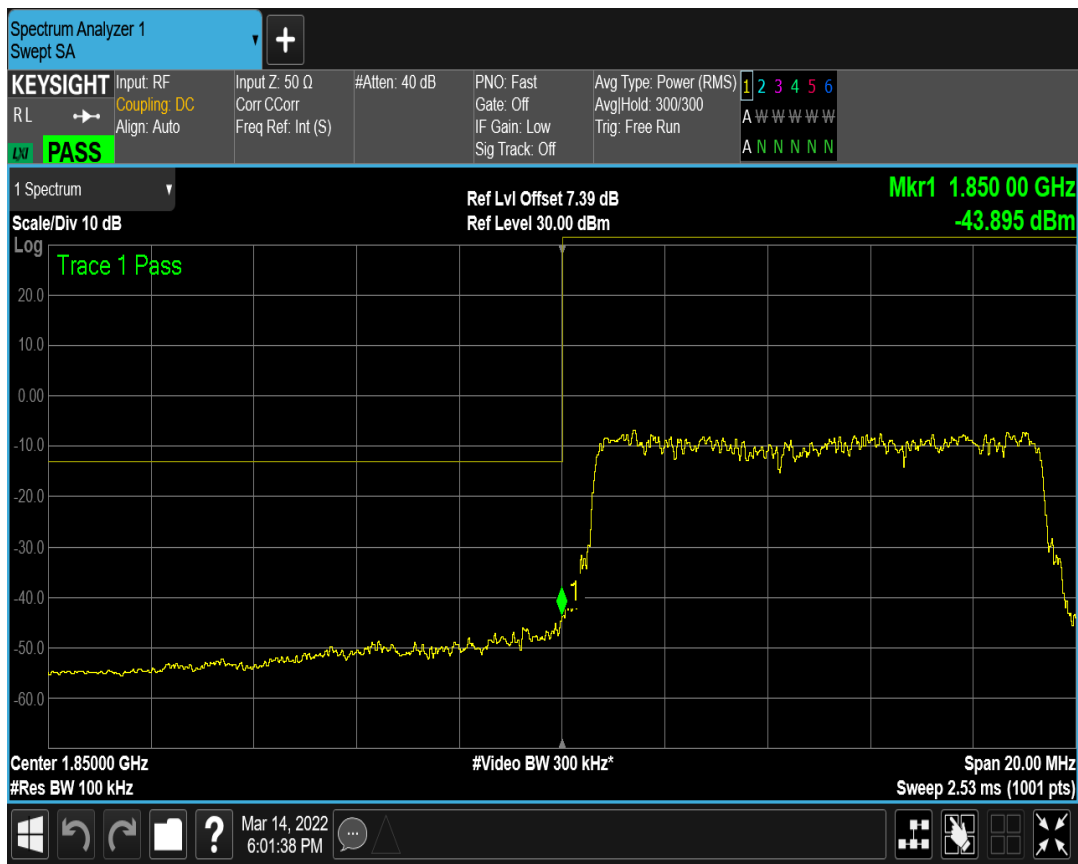
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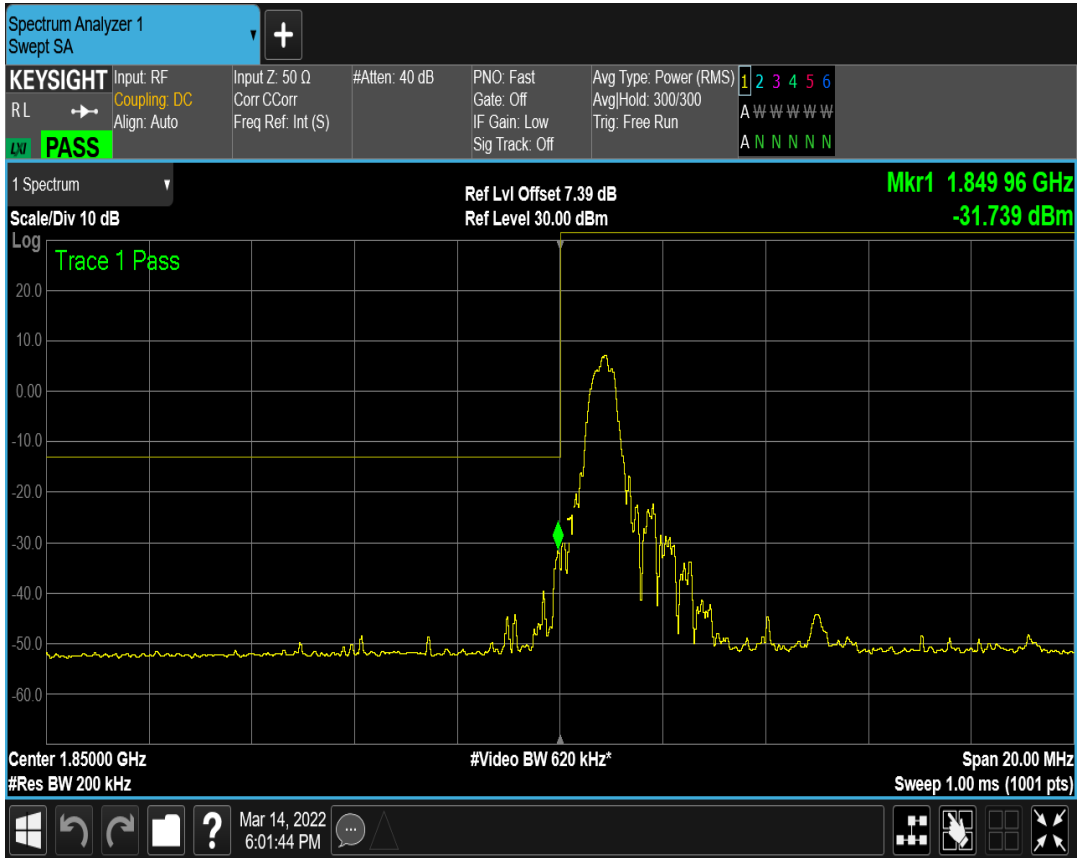
5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n2	30	10	371000	24@0	DFT_QPSK	1850.00	-43.89	-13	PASS
n2	30	10	371000	1@0	DFT_QPSK	1849.96	-31.73	-13	PASS
n2	30	10	381000	24@0	DFT_QPSK	1910.22	-42.60	-13	PASS
n2	30	10	381000	1@23	DFT_QPSK	1910.00	-31.67	-13	PASS
n2	30	20	372000	50@0	DFT_QPSK	1849.96	-45.62	-13	PASS
n2	30	20	372000	1@0	DFT_QPSK	1849.96	-34.51	-13	PASS
n2	30	20	380000	50@0	DFT_QPSK	1910.68	-44.66	-13	PASS
n2	30	20	380000	1@50	DFT_QPSK	1910.28	-35.35	-13	PASS

n2 SCS=30kHz DFT_QPSK BW=10MHz Channel=371000 RB=24@0



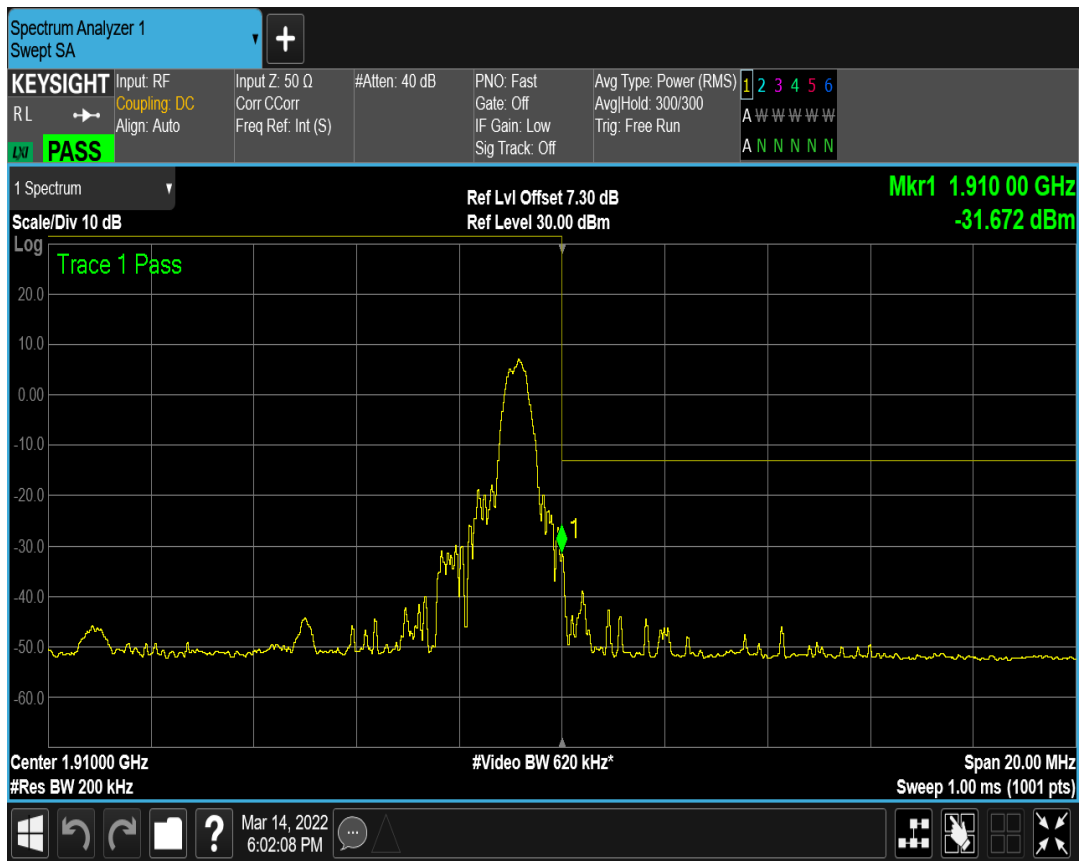
n2 SCS=30kHz DFT_QPSK BW=10MHz Channel=371000 RB=1@0



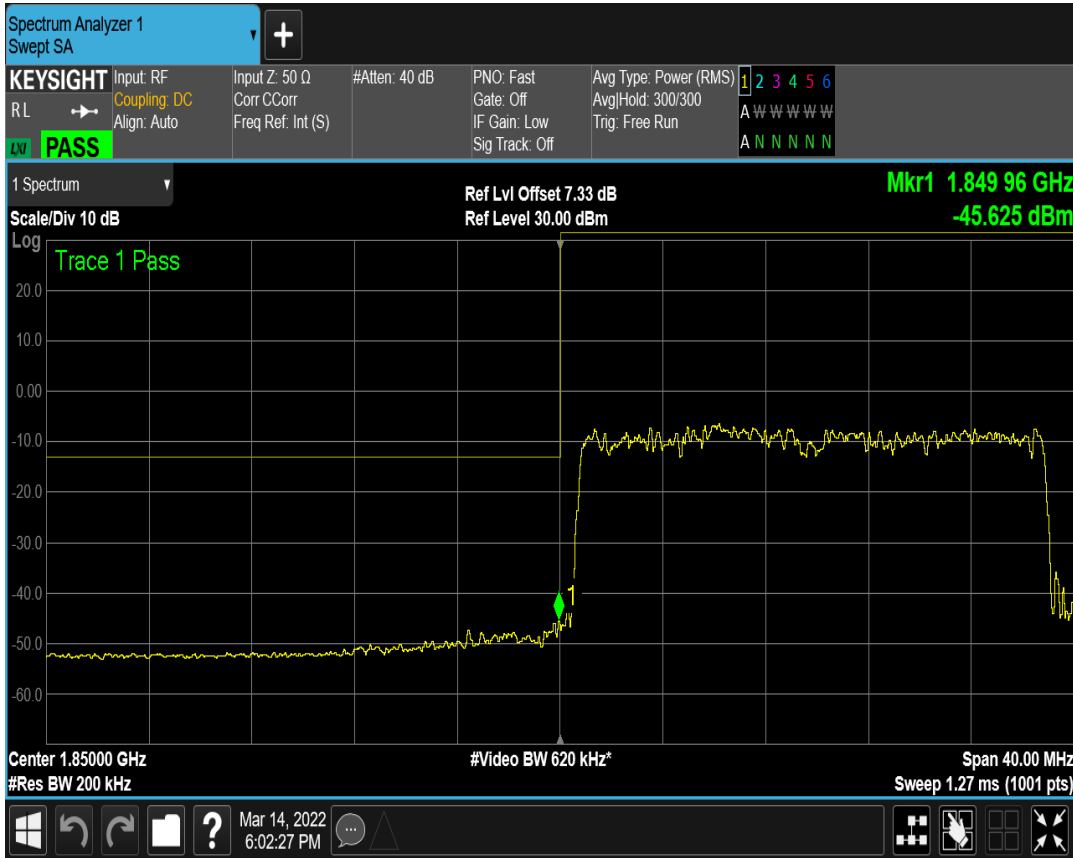
n2 SCS=30kHz DFT_QPSK BW=10MHz Channel=381000 RB=24@0



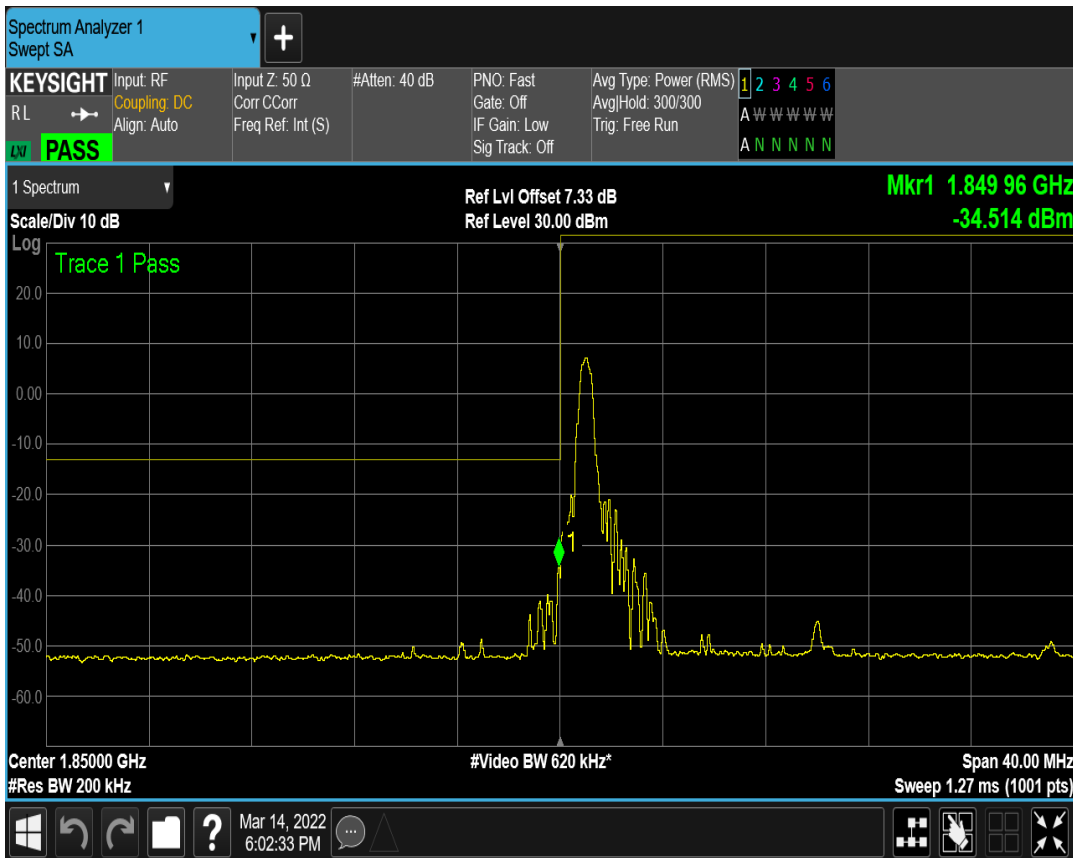
n2 SCS=30kHz DFT_QPSK BW=10MHz Channel=381000 RB=1@23



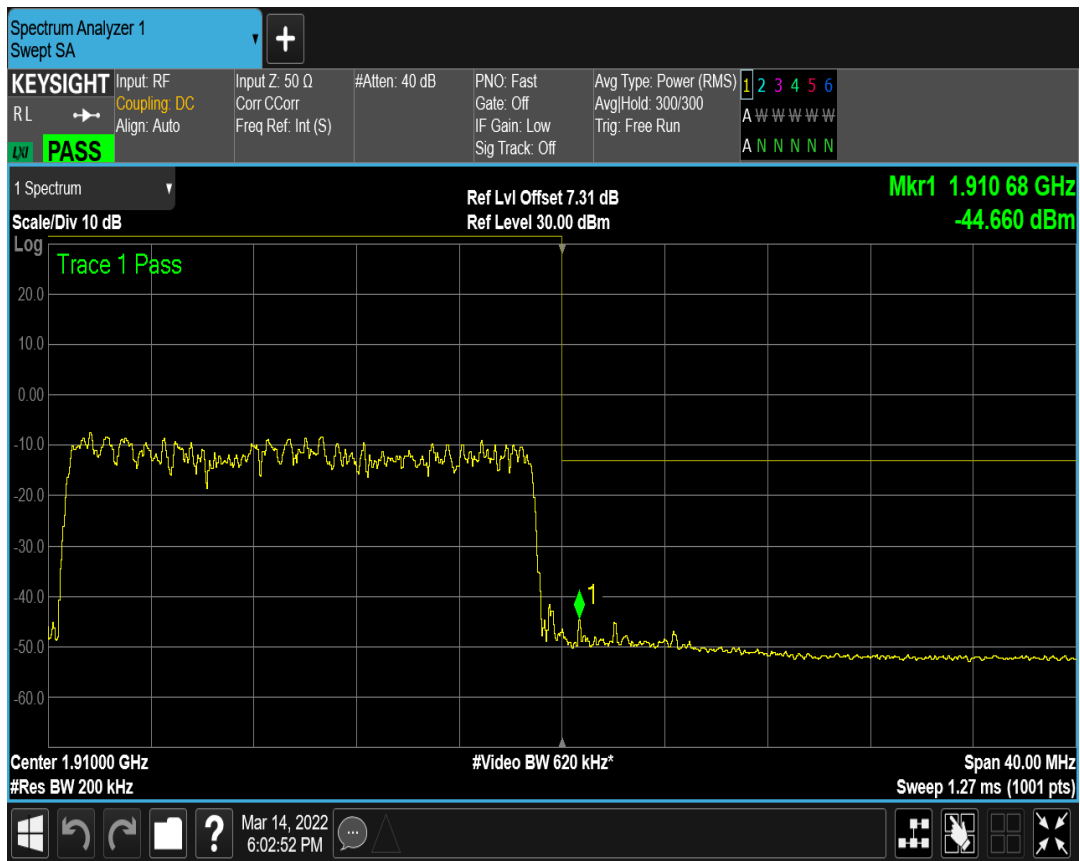
n2 SCS=30kHz DFT_QPSK BW=20MHz Channel=372000 RB=50@0



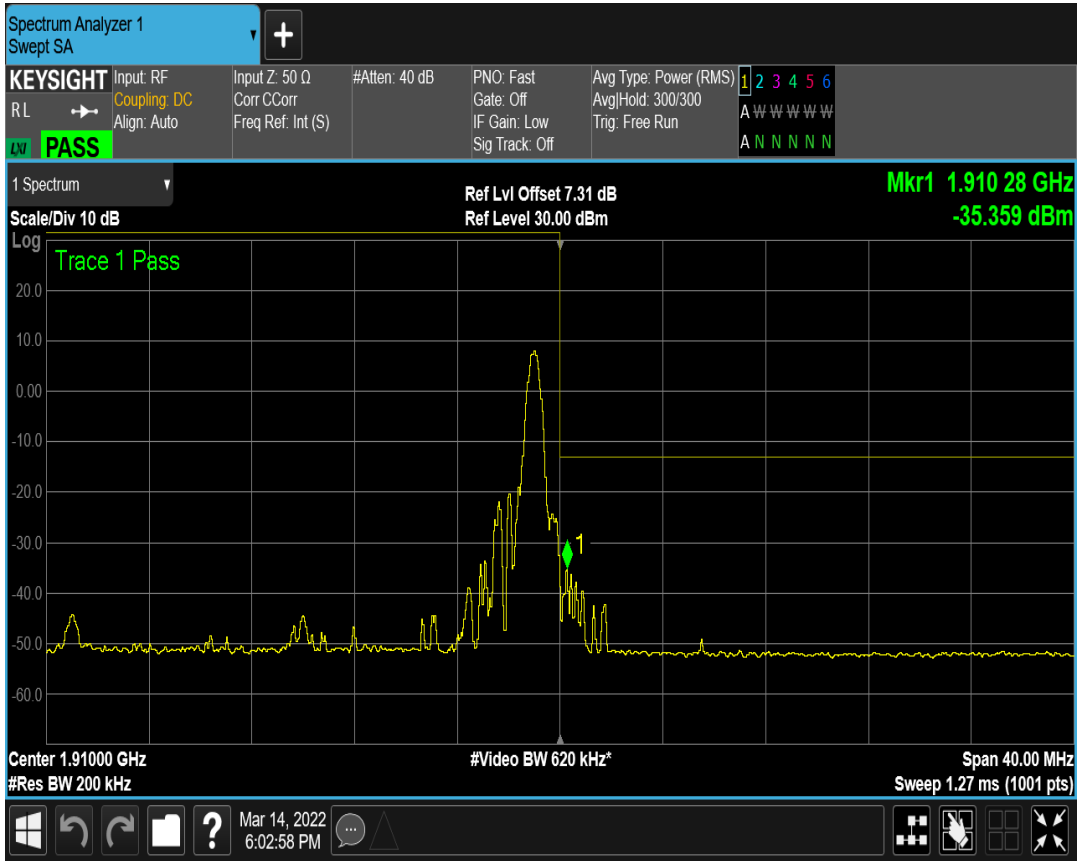
n2 SCS=30kHz DFT_QPSK BW=20MHz Channel=372000 RB=1@0



n2 SCS=30kHz DFT_QPSK BW=20MHz Channel=380000 RB=50@0



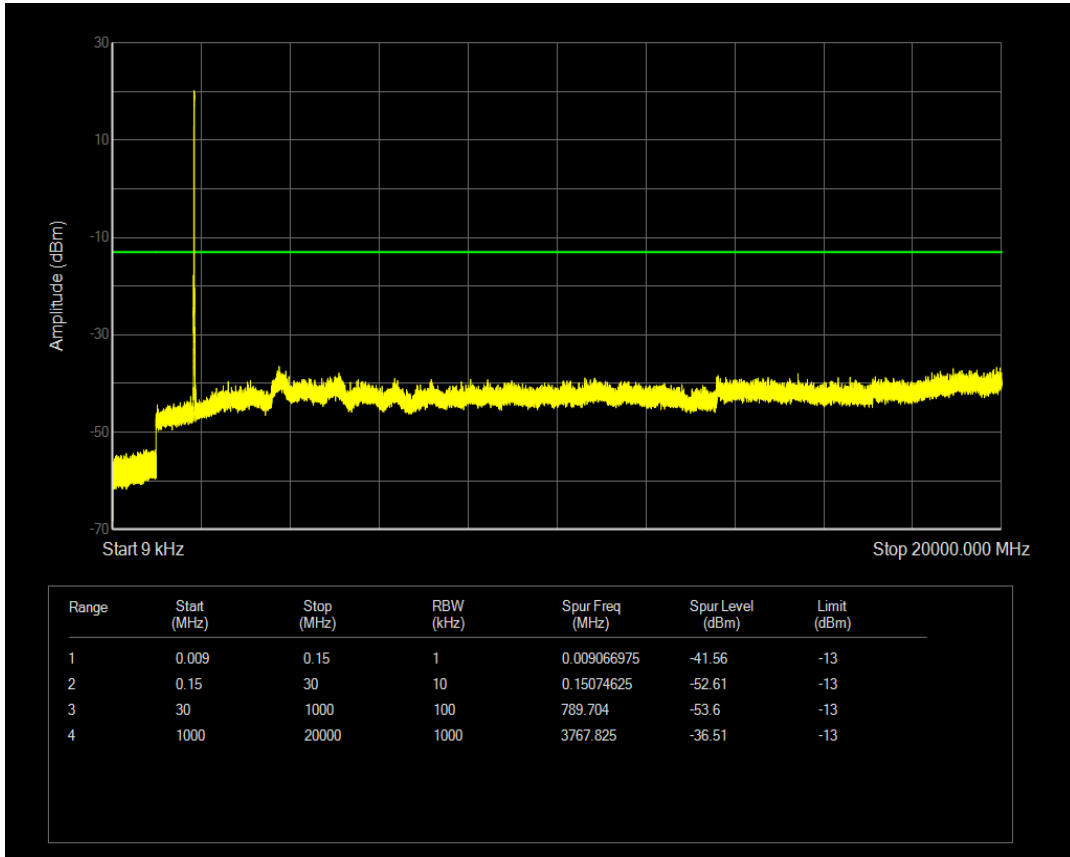
n2 SCS=30kHz DFT_QPSK BW=20MHz Channel=380000 RB=1@50



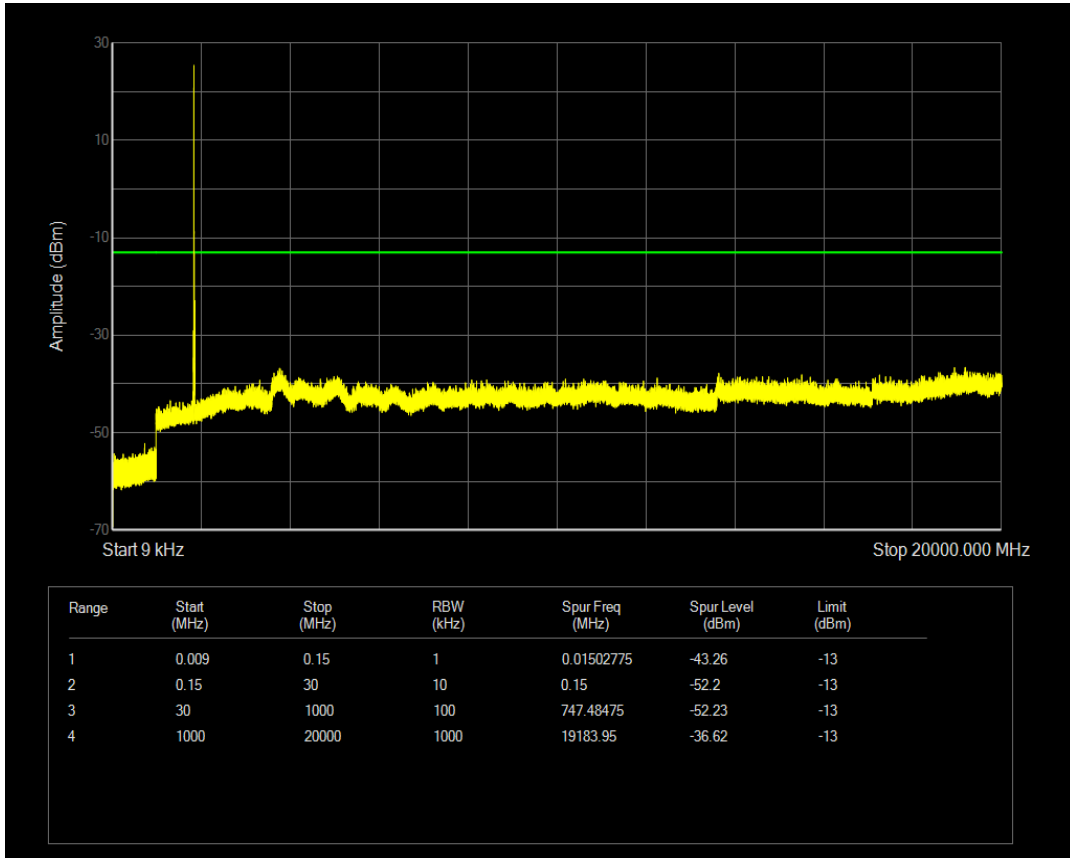
6 Out-of-band emissions for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n2	30	10	371000	24@0	DFT_QPSK	3767.83	-36.51	-13	PASS
n2	30	10	371000	1@0	DFT_QPSK	19183.95	-36.62	-13	PASS
n2	30	10	371000	1@23	DFT_QPSK	5147.70	-37.17	-13	PASS
n2	30	10	381000	24@0	DFT_QPSK	3779.23	-37.05	-13	PASS
n2	30	10	381000	1@0	DFT_QPSK	3721.75	-36.96	-13	PASS
n2	30	10	381000	1@23	DFT_QPSK	19419.08	-36.75	-13	PASS
n2	30	15	371500	36@0	DFT_QPSK	19079.45	-36.64	-13	PASS
n2	30	15	371500	1@0	DFT_QPSK	3791.10	-36.83	-13	PASS
n2	30	15	371500	1@37	DFT_QPSK	19437.13	-37.04	-13	PASS
n2	30	15	380500	36@0	DFT_QPSK	19403.88	-36.81	-13	PASS
n2	30	15	380500	1@0	DFT_QPSK	19882.20	-36.64	-13	PASS
n2	30	15	380500	1@37	DFT_QPSK	3851.43	-36.16	-13	PASS
n2	30	20	372000	50@0	DFT_QPSK	19317.90	-36.11	-13	PASS
n2	30	20	372000	1@0	DFT_QPSK	19997.63	-36.50	-13	PASS
n2	30	20	372000	1@50	DFT_QPSK	18658.13	-36.94	-13	PASS
n2	30	20	380000	50@0	DFT_QPSK	19929.23	-36.58	-13	PASS
n2	30	20	380000	1@0	DFT_QPSK	19499.35	-36.90	-13	PASS
n2	30	20	380000	1@50	DFT_QPSK	3756.90	-36.59	-13	PASS

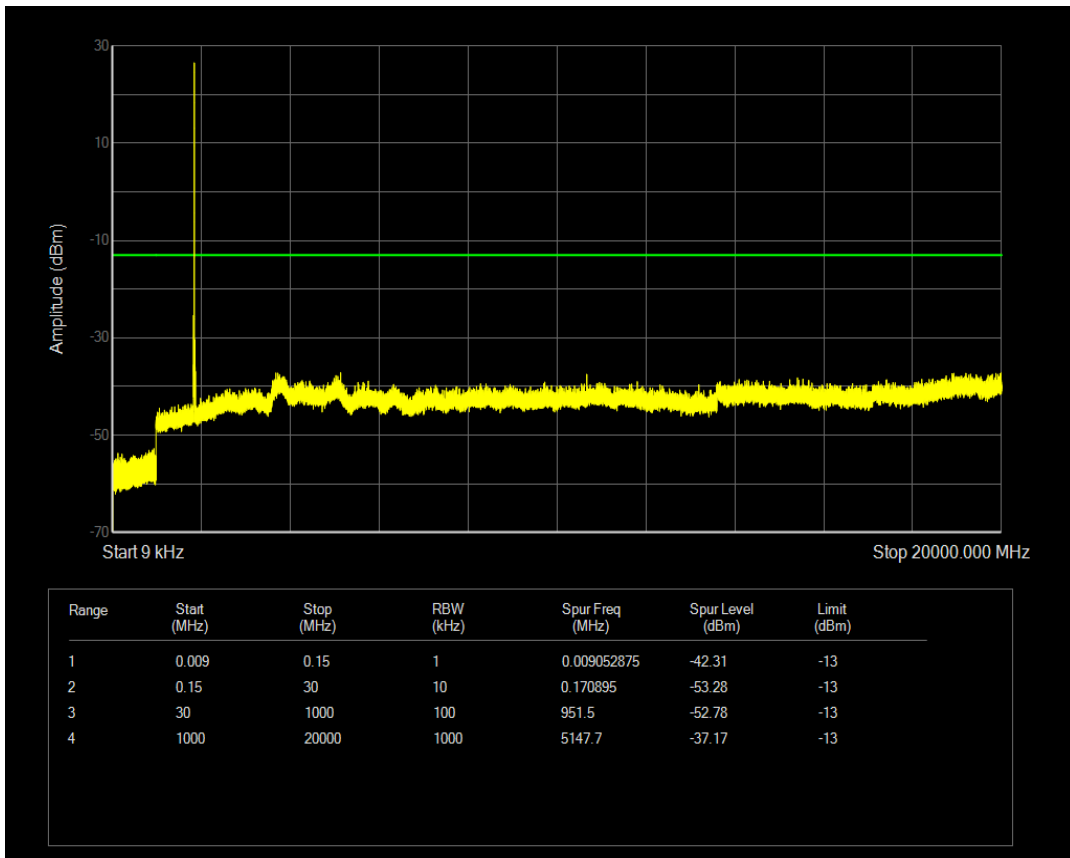
n2 SCS=30kHz DFT_QPSK BW=10MHz Channel=371000 RB=24@0



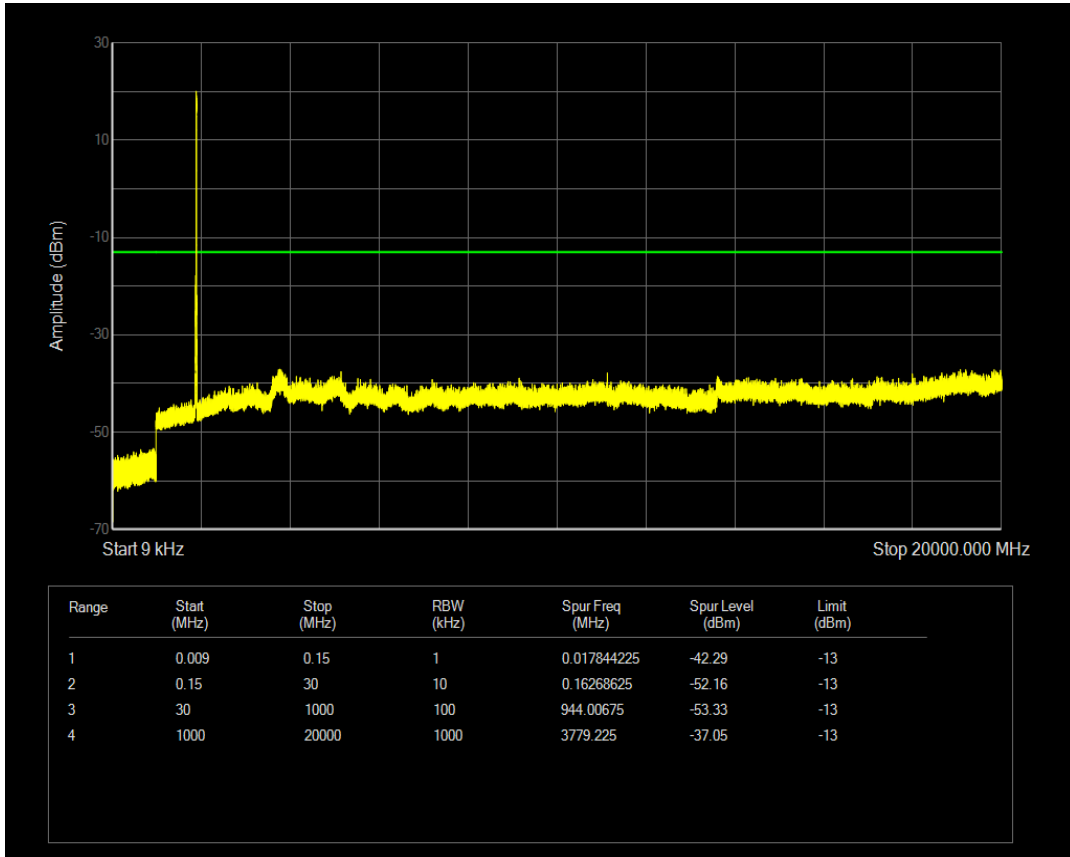
n2 SCS=30kHz DFT_QPSK BW=10MHz Channel=371000 RB=1@0



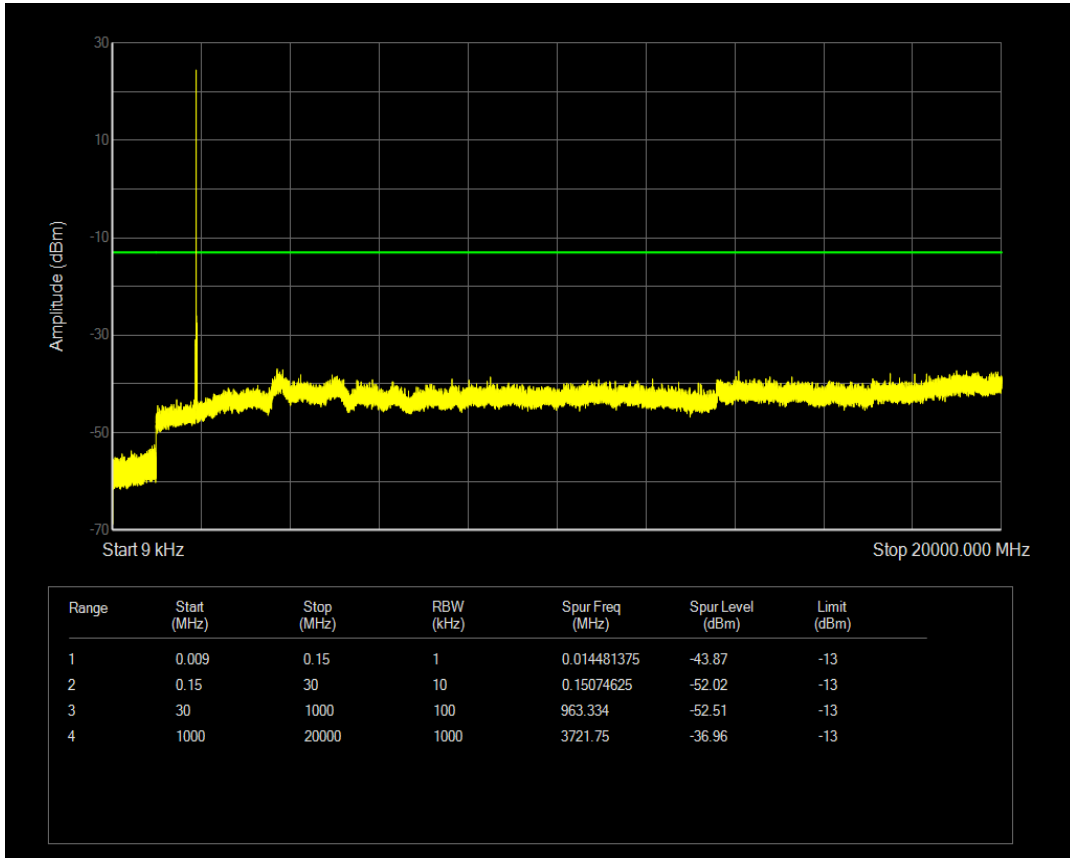
n2 SCS=30kHz DFT_QPSK BW=10MHz Channel=371000 RB=1@23



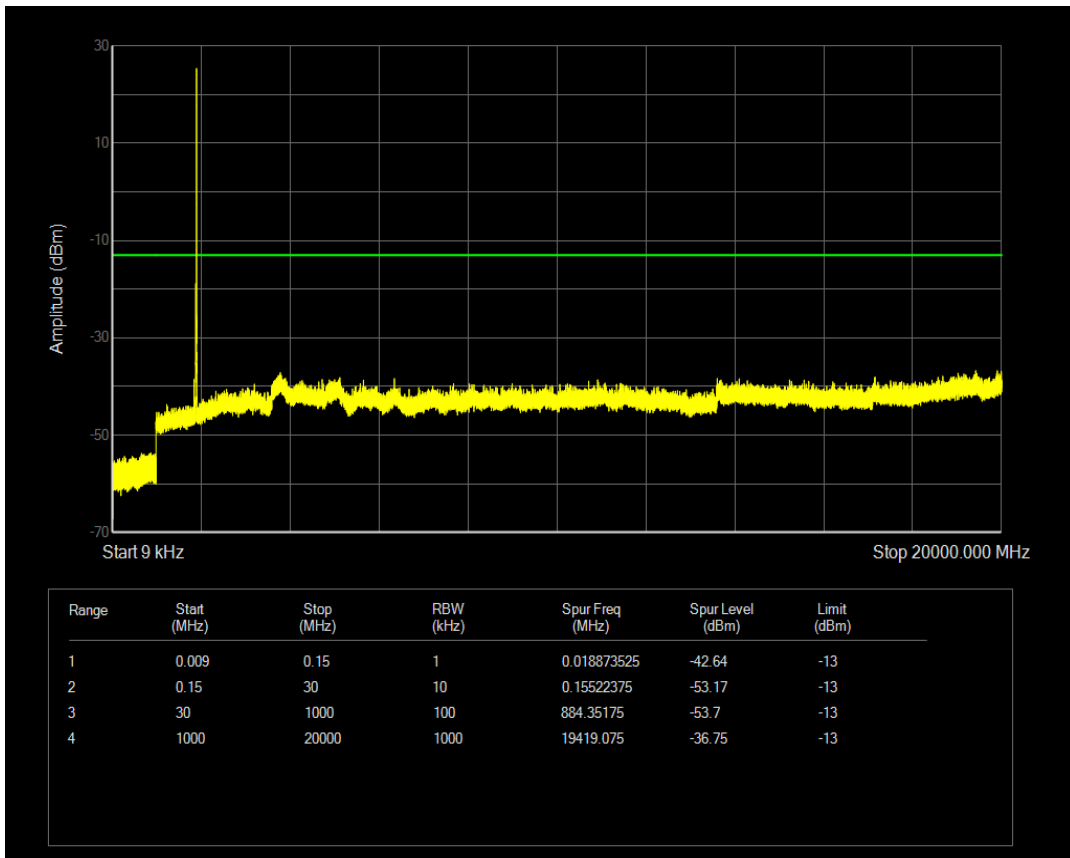
n2 SCS=30kHz DFT_QPSK BW=10MHz Channel=381000 RB=24@0



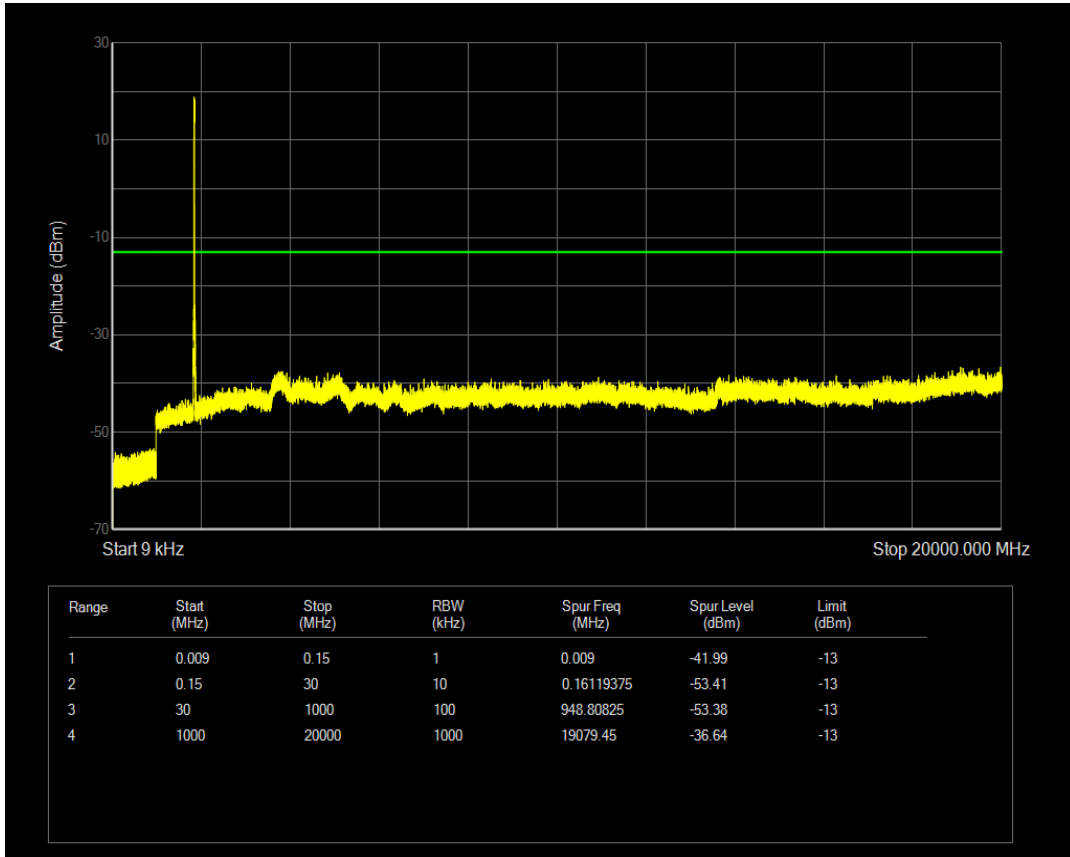
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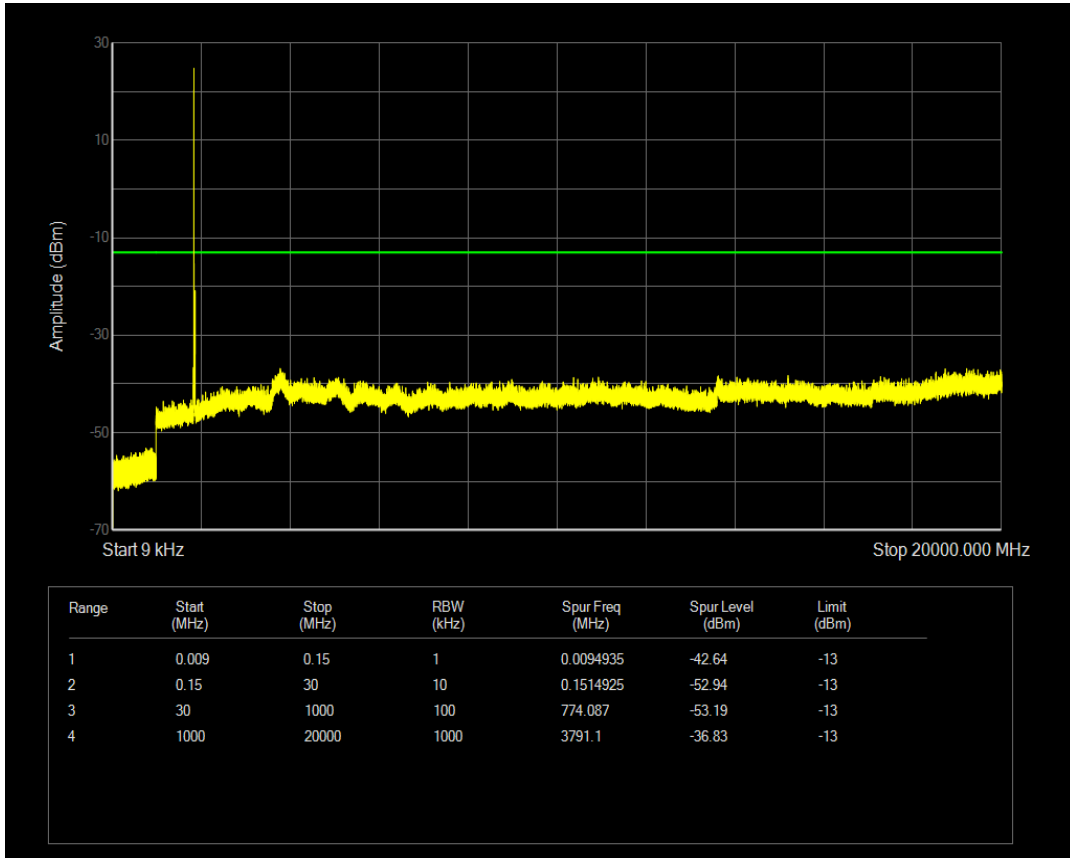
n2 SCS=30kHz DFT_QPSK BW=10MHz Channel=381000 RB=1@23



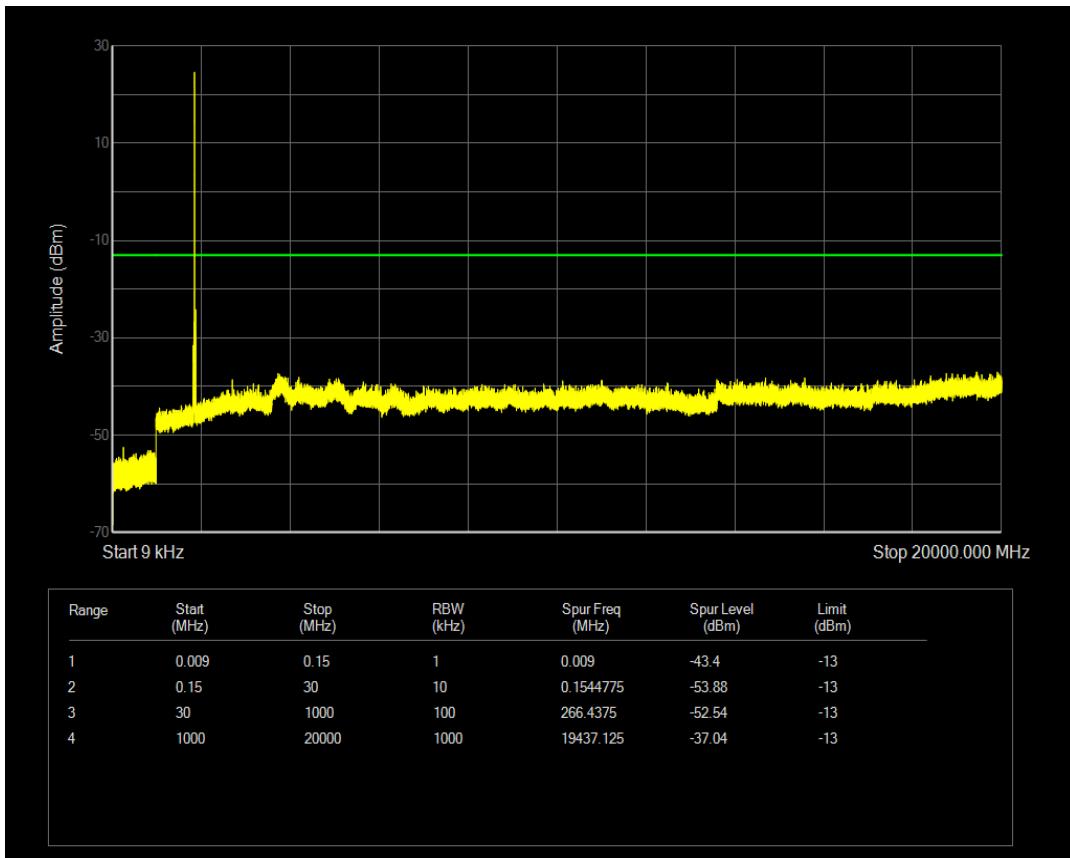
n2 SCS=30kHz DFT_QPSK BW=15MHz Channel=371500 RB=36@0



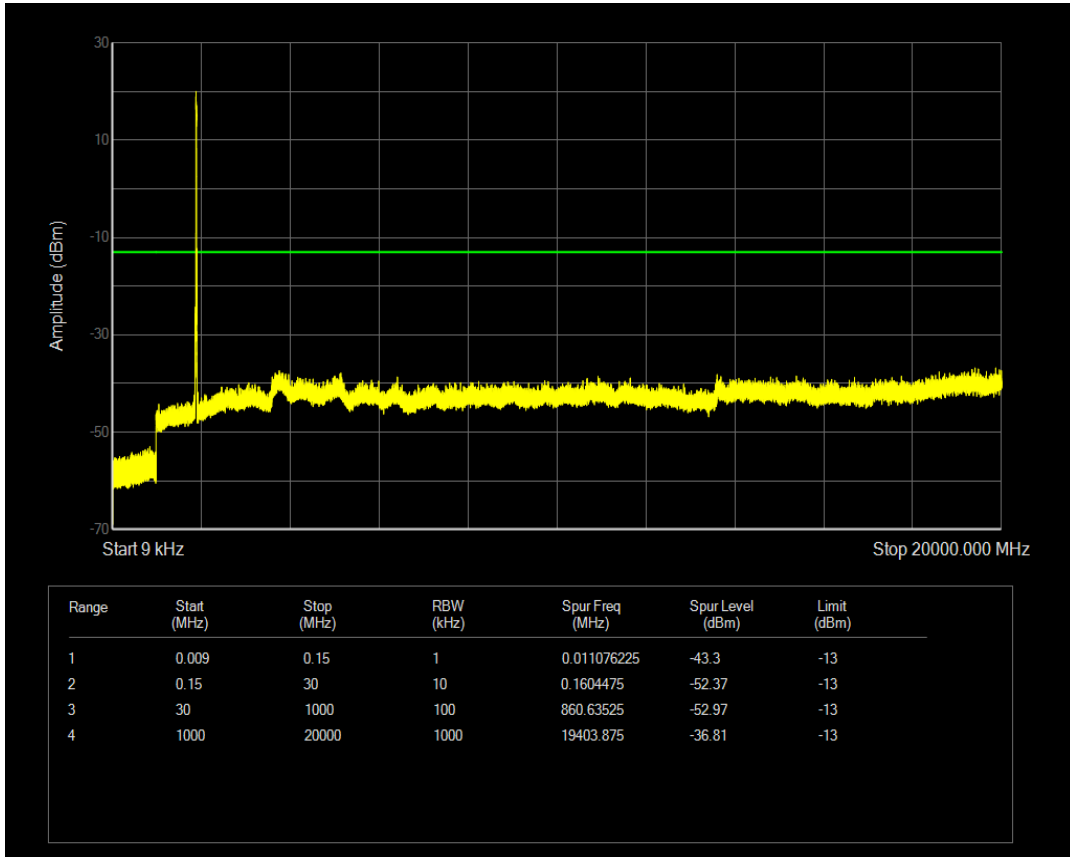
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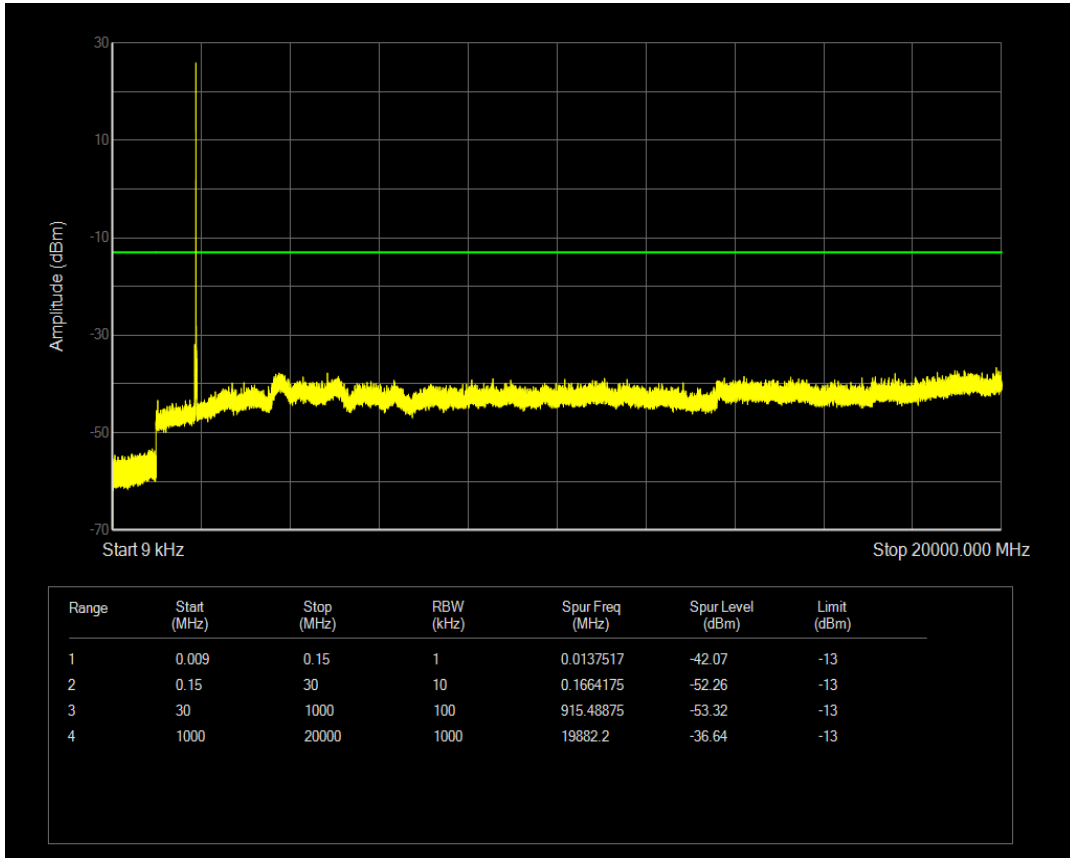
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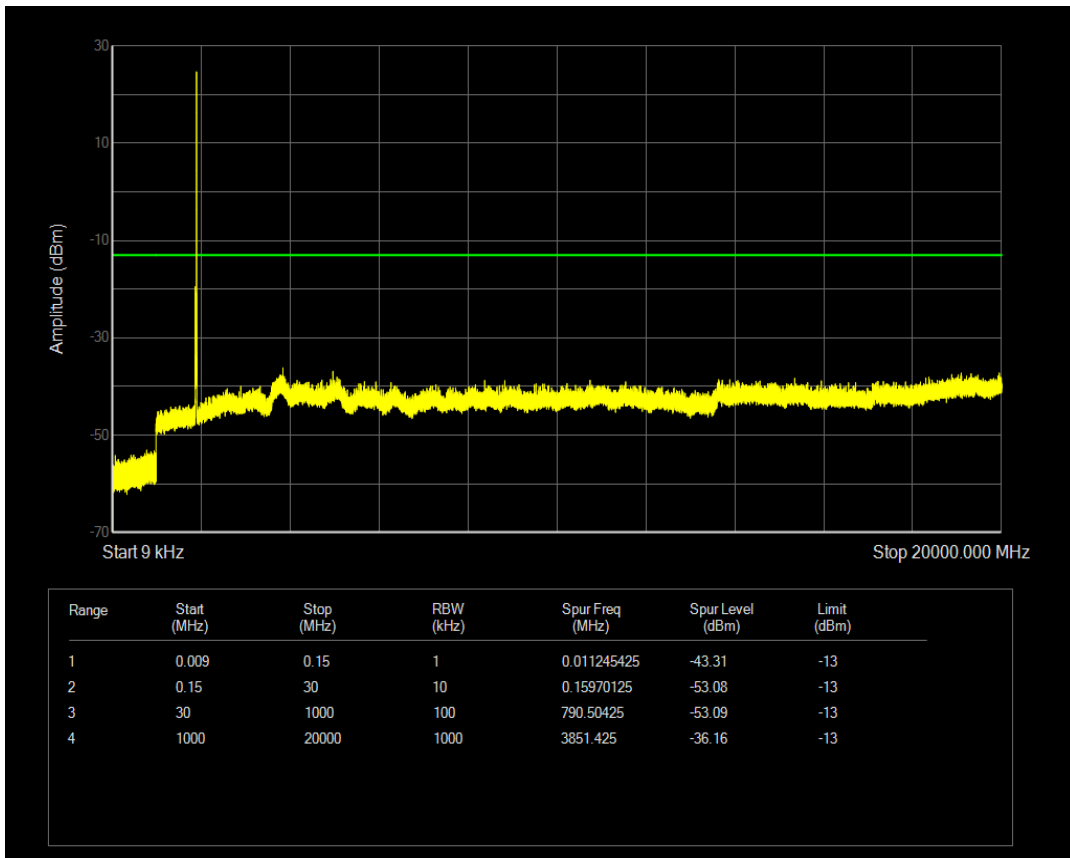
n2 SCS=30kHz DFT_QPSK BW=15MHz Channel=380500 RB=36@0



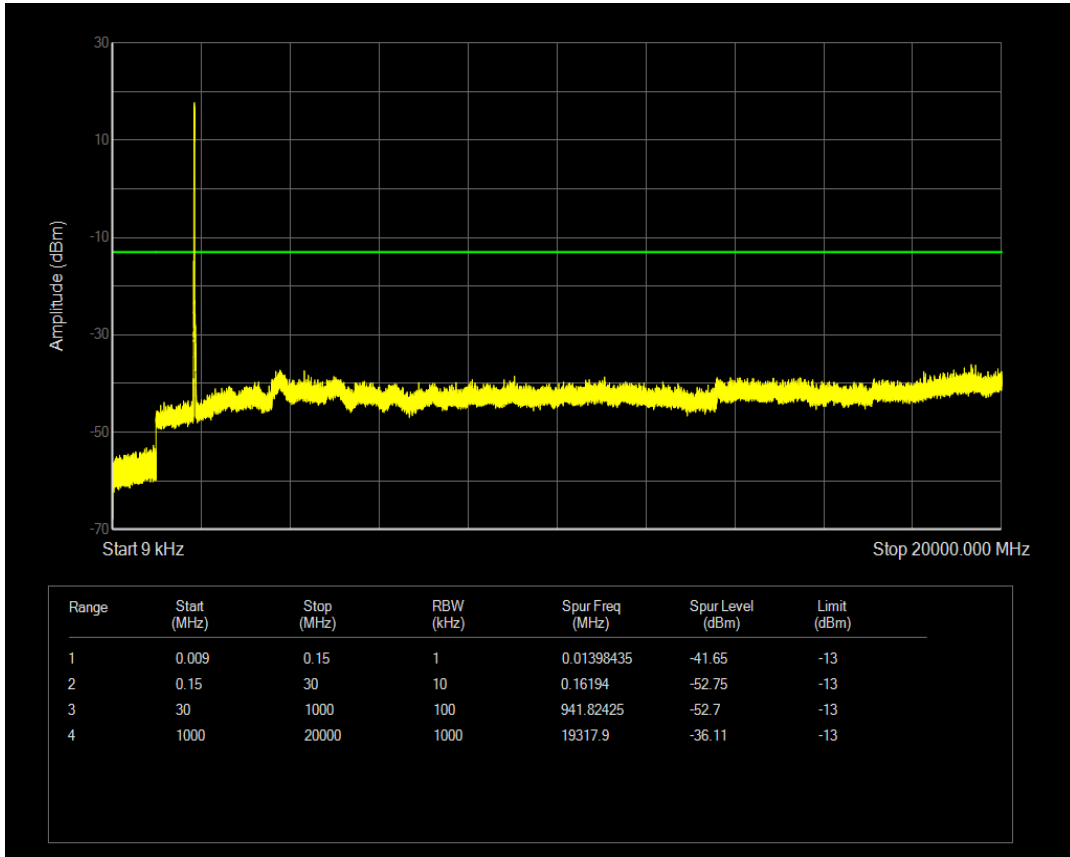
n2 SCS=30kHz DFT_QPSK BW=15MHz Channel=380500 RB=1@0



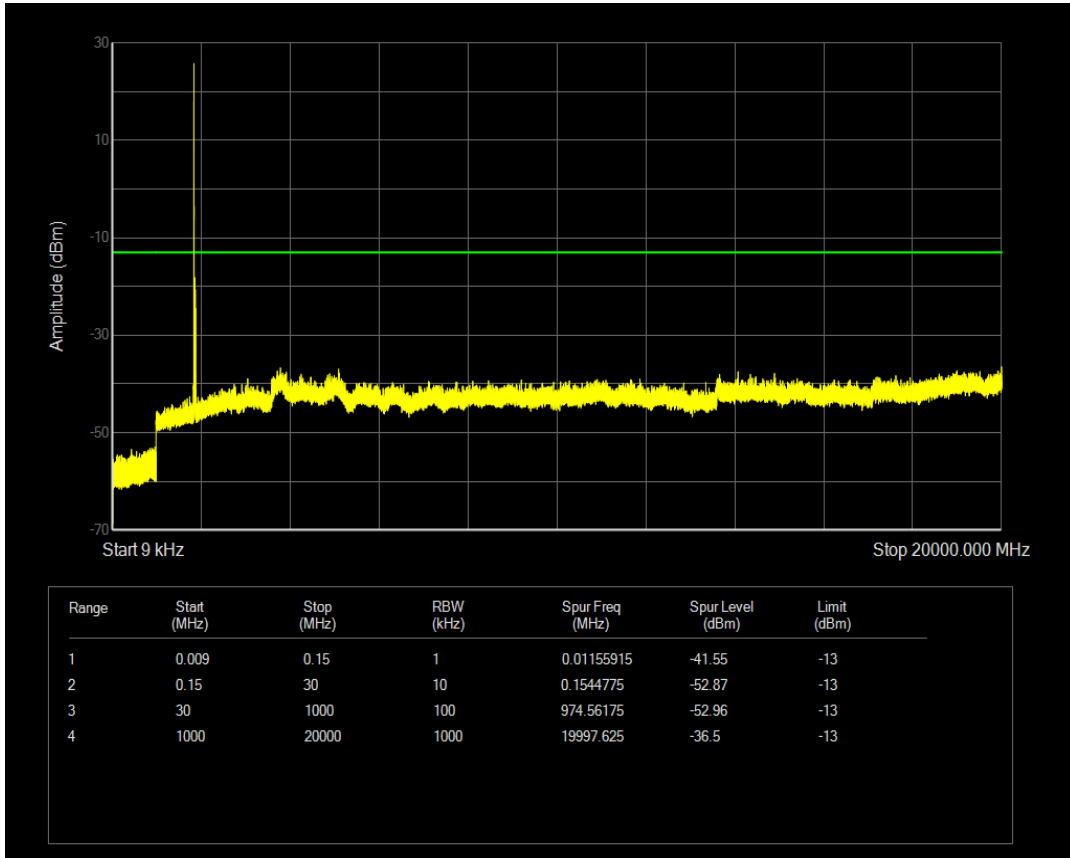
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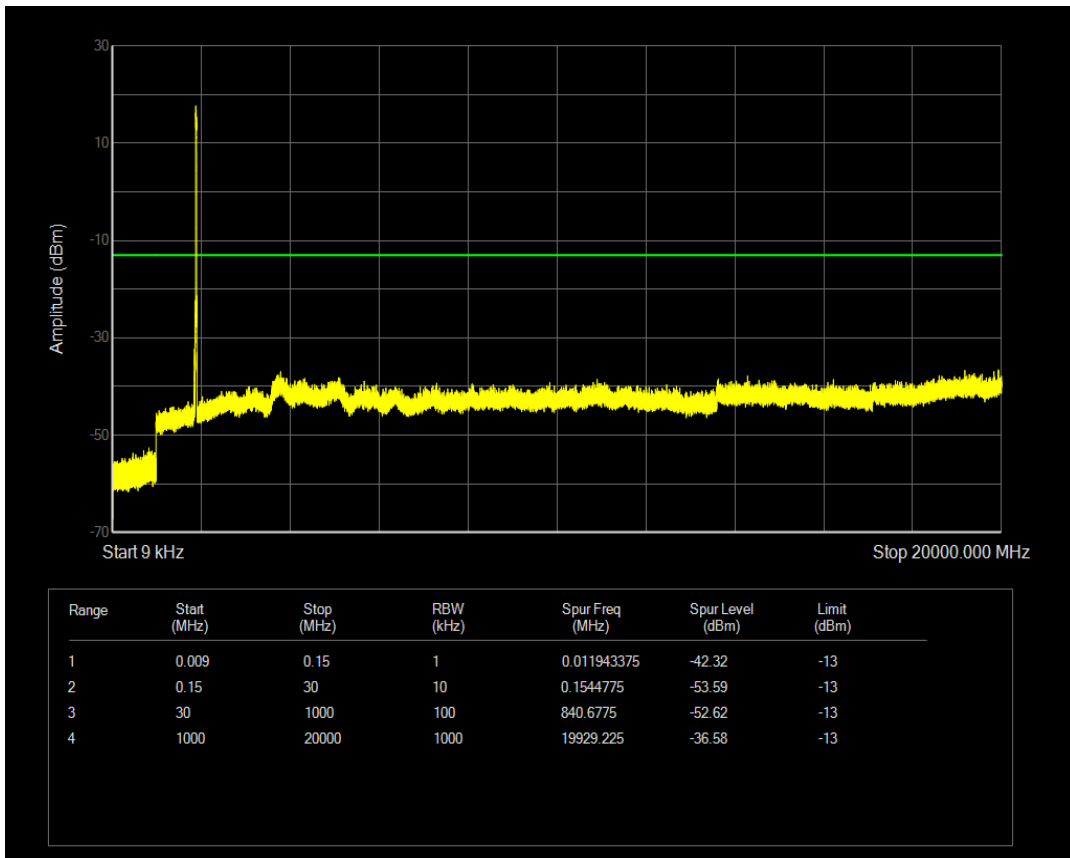
n2 SCS=30kHz DFT_QPSK BW=20MHz Channel=372000 RB=50@0



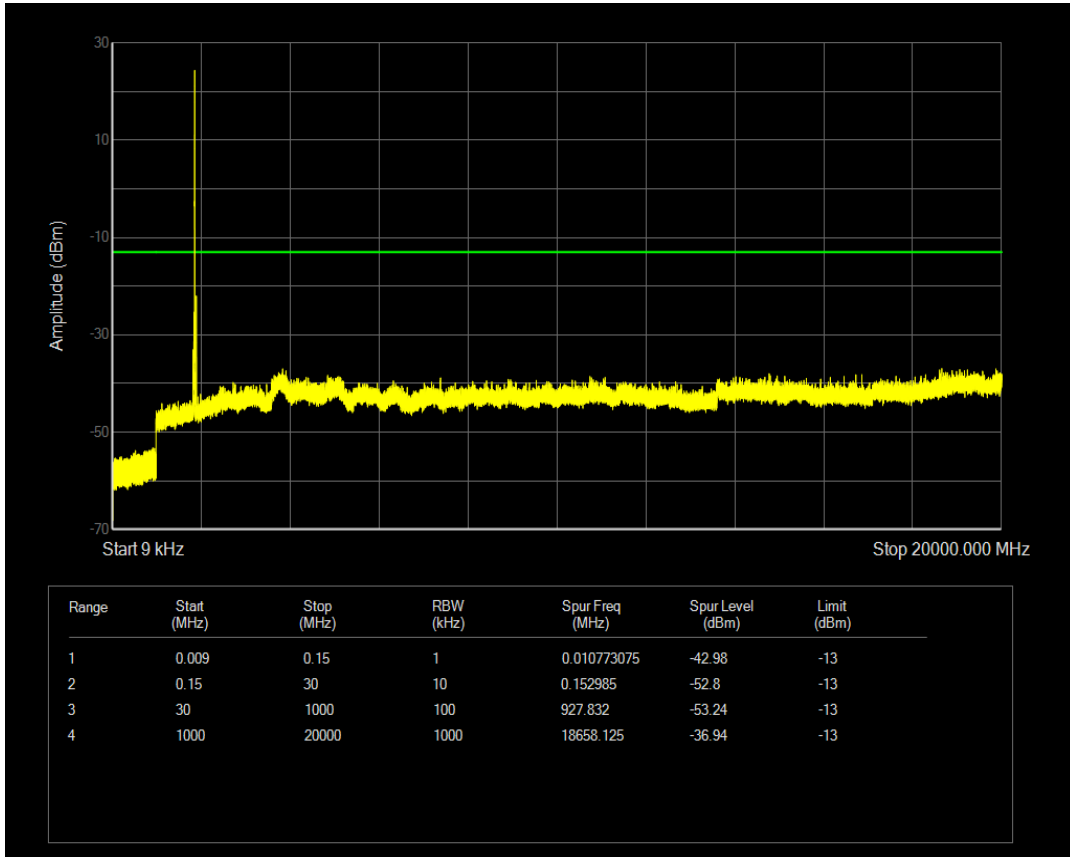
n2 SCS=30kHz DFT_QPSK BW=20MHz Channel=372000 RB=1@0



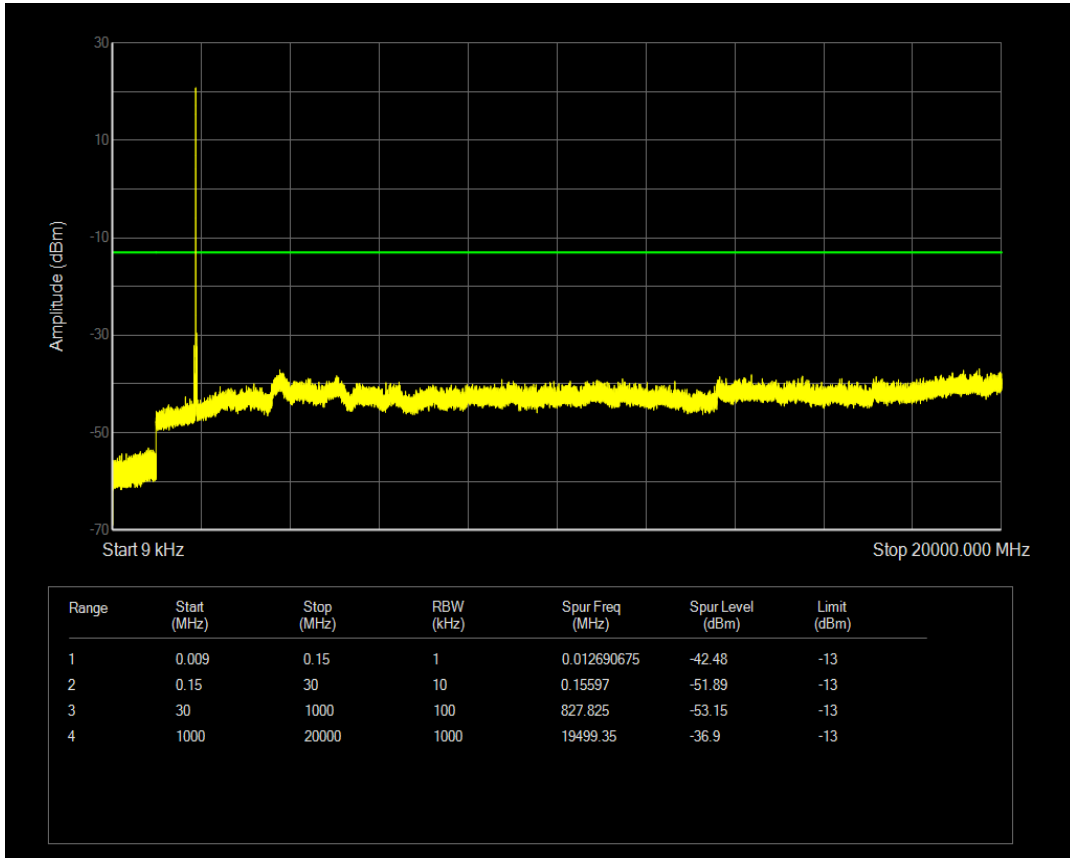
n2 SCS=30kHz DFT_QPSK BW=20MHz Channel=380000 RB=50@0



n2 SCS=30kHz DFT_QPSK BW=20MHz Channel=372000 RB=1@50



n2 SCS=30kHz DFT_QPSK BW=20MHz Channel=380000 RB=1@0



n2 SCS=30kHz DFT_QPSK BW=20MHz Channel=380000 RB=1@50

