

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	23.85	23.25	33	PASS
n2	30	10	371000	1@1	DFT_BPSK	23.83	23.23	33	PASS
n2	30	10	371000	1@22	DFT_BPSK	23.52	22.92	33	PASS
n2	30	10	371000	12@6	DFT_QPSK	23.89	23.29	33	PASS
n2	30	10	371000	1@1	DFT_QPSK	23.79	23.19	33	PASS
n2	30	10	371000	1@22	DFT_QPSK	23.48	22.88	33	PASS
n2	30	10	371000	12@6	DFT_QAM16	22.88	22.28	33	PASS
n2	30	10	371000	1@1	DFT_QAM16	23.48	22.88	33	PASS
n2	30	10	371000	1@22	DFT_QAM16	23.00	22.4	33	PASS
n2	30	10	371000	12@6	DFT_QAM64	21.42	20.82	33	PASS
n2	30	10	371000	1@1	DFT_QAM64	21.68	21.08	33	PASS
n2	30	10	371000	1@22	DFT_QAM64	20.98	20.38	33	PASS
n2	30	10	371000	12@6	DFT_QAM256	19.44	18.84	33	PASS
n2	30	10	371000	1@1	DFT_QAM256	19.47	18.87	33	PASS
n2	30	10	371000	1@22	DFT_QAM256	19.28	18.68	33	PASS
n2	30	10	371000	12@6	CP_QPSK	22.57	21.97	33	PASS
n2	30	10	371000	1@1	CP_QPSK	22.25	21.65	33	PASS
n2	30	10	371000	1@22	CP_QPSK	21.92	21.32	33	PASS
n2	30	10	371000	12@6	CP_QAM16	21.75	21.15	33	PASS
n2	30	10	371000	1@1	CP_QAM16	22.37	21.77	33	PASS
n2	30	10	371000	1@22	CP_QAM16	22.30	21.7	33	PASS
n2	30	10	371000	12@6	CP_QAM64	20.51	19.91	33	PASS
n2	30	10	371000	1@1	CP_QAM64	20.16	19.56	33	PASS
n2	30	10	371000	1@22	CP_QAM64	19.86	19.26	33	PASS
n2	30	10	371000	12@6	CP_QAM256	17.38	16.78	33	PASS
n2	30	10	371000	1@1	CP_QAM256	17.80	17.2	33	PASS
n2	30	10	371000	1@22	CP_QAM256	17.60	17	33	PASS
n2	30	10	376000	12@6	DFT_BPSK	23.49	22.89	33	PASS
n2	30	10	376000	1@1	DFT_BPSK	23.37	22.77	33	PASS
n2	30	10	376000	1@22	DFT_BPSK	23.44	22.84	33	PASS
n2	30	10	376000	12@6	DFT_QPSK	23.50	22.9	33	PASS
n2	30	10	376000	1@1	DFT_QPSK	23.28	22.68	33	PASS
n2	30	10	376000	1@22	DFT_QPSK	23.32	22.72	33	PASS
n2	30	10	376000	12@6	DFT_QAM16	22.56	21.96	33	PASS
n2	30	10	376000	1@1	DFT_QAM16	22.81	22.21	33	PASS
n2	30	10	376000	1@22	DFT_QAM16	22.89	22.29	33	PASS
n2	30	10	376000	12@6	DFT_QAM64	21.10	20.5	33	PASS
n2	30	10	376000	1@1	DFT_QAM64	20.64	20.04	33	PASS

n2	30	10	376000	1@22	DFT_QAM64	20.83	20.23	33	PASS
n2	30	10	376000	12@6	DFT_QAM256	19.16	18.56	33	PASS
n2	30	10	376000	1@1	DFT_QAM256	19.16	18.56	33	PASS
n2	30	10	376000	1@22	DFT_QAM256	19.21	18.61	33	PASS
n2	30	10	376000	12@6	CP_QPSK	22.06	21.46	33	PASS
n2	30	10	376000	1@1	CP_QPSK	22.01	21.41	33	PASS
n2	30	10	376000	1@22	CP_QPSK	22.12	21.52	33	PASS
n2	30	10	376000	12@6	CP_QAM16	21.36	20.76	33	PASS
n2	30	10	376000	1@1	CP_QAM16	21.75	21.15	33	PASS
n2	30	10	376000	1@22	CP_QAM16	21.87	21.27	33	PASS
n2	30	10	376000	12@6	CP_QAM64	20.12	19.52	33	PASS
n2	30	10	376000	1@1	CP_QAM64	19.73	19.13	33	PASS
n2	30	10	376000	1@22	CP_QAM64	19.87	19.27	33	PASS
n2	30	10	376000	12@6	CP_QAM256	17.23	16.63	33	PASS
n2	30	10	376000	1@1	CP_QAM256	16.86	16.26	33	PASS
n2	30	10	376000	1@22	CP_QAM256	17.49	16.89	33	PASS
n2	30	10	381000	12@6	DFT_BPSK	23.62	23.02	33	PASS
n2	30	10	381000	1@1	DFT_BPSK	23.31	22.71	33	PASS
n2	30	10	381000	1@22	DFT_BPSK	23.66	23.06	33	PASS
n2	30	10	381000	12@6	DFT_QPSK	23.72	23.12	33	PASS
n2	30	10	381000	1@1	DFT_QPSK	23.29	22.69	33	PASS
n2	30	10	381000	1@22	DFT_QPSK	23.48	22.88	33	PASS
n2	30	10	381000	12@6	DFT_QAM16	22.68	22.08	33	PASS
n2	30	10	381000	1@1	DFT_QAM16	23.06	22.46	33	PASS
n2	30	10	381000	1@22	DFT_QAM16	23.24	22.64	33	PASS
n2	30	10	381000	12@6	DFT_QAM64	21.22	20.62	33	PASS
n2	30	10	381000	1@1	DFT_QAM64	20.82	20.22	33	PASS
n2	30	10	381000	1@22	DFT_QAM64	20.96	20.36	33	PASS
n2	30	10	381000	12@6	DFT_QAM256	19.27	18.67	33	PASS
n2	30	10	381000	1@1	DFT_QAM256	19.22	18.62	33	PASS
n2	30	10	381000	1@22	DFT_QAM256	19.42	18.82	33	PASS
n2	30	10	381000	12@6	CP_QPSK	22.31	21.71	33	PASS
n2	30	10	381000	1@1	CP_QPSK	21.82	21.22	33	PASS
n2	30	10	381000	1@22	CP_QPSK	22.13	21.53	33	PASS
n2	30	10	381000	12@6	CP_QAM16	21.53	20.93	33	PASS
n2	30	10	381000	1@1	CP_QAM16	22.17	21.57	33	PASS
n2	30	10	381000	1@22	CP_QAM16	22.28	21.68	33	PASS
n2	30	10	381000	12@6	CP_QAM64	20.24	19.64	33	PASS
n2	30	10	381000	1@1	CP_QAM64	19.97	19.37	33	PASS
n2	30	10	381000	1@22	CP_QAM64	20.26	19.66	33	PASS
n2	30	10	381000	12@6	CP_QAM256	17.23	16.63	33	PASS
n2	30	10	381000	1@1	CP_QAM256	17.06	16.46	33	PASS

n2	30	10	381000	1@22	CP_QAM256	17.74	17.14	33	PASS
n2	30	15	371500	18@9	DFT_BPSK	23.69	23.09	33	PASS
n2	30	15	371500	1@1	DFT_BPSK	23.79	23.19	33	PASS
n2	30	15	371500	1@36	DFT_BPSK	23.24	22.64	33	PASS
n2	30	15	371500	18@9	DFT_QPSK	23.77	23.17	33	PASS
n2	30	15	371500	1@1	DFT_QPSK	23.73	23.13	33	PASS
n2	30	15	371500	1@36	DFT_QPSK	23.28	22.68	33	PASS
n2	30	15	371500	18@9	DFT_QAM16	22.85	22.25	33	PASS
n2	30	15	371500	1@1	DFT_QAM16	23.11	22.51	33	PASS
n2	30	15	371500	1@36	DFT_QAM16	22.66	22.06	33	PASS
n2	30	15	371500	18@9	DFT_QAM64	21.16	20.56	33	PASS
n2	30	15	371500	1@1	DFT_QAM64	21.45	20.85	33	PASS
n2	30	15	371500	1@36	DFT_QAM64	21.06	20.46	33	PASS
n2	30	15	371500	18@9	DFT_QAM256	19.35	18.75	33	PASS
n2	30	15	371500	1@1	DFT_QAM256	19.65	19.05	33	PASS
n2	30	15	371500	1@36	DFT_QAM256	19.16	18.56	33	PASS
n2	30	15	371500	19@9	CP_QPSK	22.33	21.73	33	PASS
n2	30	15	371500	1@1	CP_QPSK	22.14	21.54	33	PASS
n2	30	15	371500	1@36	CP_QPSK	21.76	21.16	33	PASS
n2	30	15	371500	19@9	CP_QAM16	21.74	21.14	33	PASS
n2	30	15	371500	1@1	CP_QAM16	22.13	21.53	33	PASS
n2	30	15	371500	1@36	CP_QAM16	21.75	21.15	33	PASS
n2	30	15	371500	19@9	CP_QAM64	20.24	19.64	33	PASS
n2	30	15	371500	1@1	CP_QAM64	20.05	19.45	33	PASS
n2	30	15	371500	1@36	CP_QAM64	19.86	19.26	33	PASS
n2	30	15	371500	19@9	CP_QAM256	17.39	16.79	33	PASS
n2	30	15	371500	1@1	CP_QAM256	17.71	17.11	33	PASS
n2	30	15	371500	1@36	CP_QAM256	17.44	16.84	33	PASS
n2	30	15	376000	18@9	DFT_BPSK	23.41	22.81	33	PASS
n2	30	15	376000	1@1	DFT_BPSK	23.32	22.72	33	PASS
n2	30	15	376000	1@36	DFT_BPSK	23.51	22.91	33	PASS
n2	30	15	376000	18@9	DFT_QPSK	23.42	22.82	33	PASS
n2	30	15	376000	1@1	DFT_QPSK	23.24	22.64	33	PASS
n2	30	15	376000	1@36	DFT_QPSK	23.37	22.77	33	PASS
n2	30	15	376000	18@9	DFT_QAM16	22.44	21.84	33	PASS
n2	30	15	376000	1@1	DFT_QAM16	22.64	22.04	33	PASS
n2	30	15	376000	1@36	DFT_QAM16	22.70	22.1	33	PASS
n2	30	15	376000	18@9	DFT_QAM64	20.84	20.24	33	PASS
n2	30	15	376000	1@1	DFT_QAM64	20.62	20.02	33	PASS
n2	30	15	376000	1@36	DFT_QAM64	20.78	20.18	33	PASS
n2	30	15	376000	18@9	DFT_QAM256	19.08	18.48	33	PASS
n2	30	15	376000	1@1	DFT_QAM256	18.99	18.39	33	PASS

n2	30	15	376000	1@36	DFT_QAM256	19.15	18.55	33	PASS
n2	30	15	376000	19@9	CP_QPSK	21.87	21.27	33	PASS
n2	30	15	376000	1@1	CP_QPSK	21.80	21.2	33	PASS
n2	30	15	376000	1@36	CP_QPSK	22.02	21.42	33	PASS
n2	30	15	376000	19@9	CP_QAM16	21.48	20.88	33	PASS
n2	30	15	376000	1@1	CP_QAM16	21.06	20.46	33	PASS
n2	30	15	376000	1@36	CP_QAM16	21.64	21.04	33	PASS
n2	30	15	376000	19@9	CP_QAM64	19.88	19.28	33	PASS
n2	30	15	376000	1@1	CP_QAM64	19.62	19.02	33	PASS
n2	30	15	376000	1@36	CP_QAM64	20.19	19.59	33	PASS
n2	30	15	376000	19@9	CP_QAM256	17.03	16.43	33	PASS
n2	30	15	376000	1@1	CP_QAM256	16.77	16.17	33	PASS
n2	30	15	376000	1@36	CP_QAM256	16.88	16.28	33	PASS
n2	30	15	380500	18@9	DFT_BPSK	23.49	22.89	33	PASS
n2	30	15	380500	1@1	DFT_BPSK	23.36	22.76	33	PASS
n2	30	15	380500	1@36	DFT_BPSK	23.61	23.01	33	PASS
n2	30	15	380500	18@9	DFT_QPSK	23.58	22.98	33	PASS
n2	30	15	380500	1@1	DFT_QPSK	23.44	22.84	33	PASS
n2	30	15	380500	1@36	DFT_QPSK	23.58	22.98	33	PASS
n2	30	15	380500	18@9	DFT_QAM16	22.60	22	33	PASS
n2	30	15	380500	1@1	DFT_QAM16	22.87	22.27	33	PASS
n2	30	15	380500	1@36	DFT_QAM16	22.87	22.27	33	PASS
n2	30	15	380500	18@9	DFT_QAM64	21.15	20.55	33	PASS
n2	30	15	380500	1@1	DFT_QAM64	20.70	20.1	33	PASS
n2	30	15	380500	1@36	DFT_QAM64	20.99	20.39	33	PASS
n2	30	15	380500	18@9	DFT_QAM256	19.24	18.64	33	PASS
n2	30	15	380500	1@1	DFT_QAM256	19.26	18.66	33	PASS
n2	30	15	380500	1@36	DFT_QAM256	19.36	18.76	33	PASS
n2	30	15	380500	19@9	CP_QPSK	22.03	21.43	33	PASS
n2	30	15	380500	1@1	CP_QPSK	21.74	21.14	33	PASS
n2	30	15	380500	1@36	CP_QPSK	22.03	21.43	33	PASS
n2	30	15	380500	19@9	CP_QAM16	21.57	20.97	33	PASS
n2	30	15	380500	1@1	CP_QAM16	21.44	20.84	33	PASS
n2	30	15	380500	1@36	CP_QAM16	21.89	21.29	33	PASS
n2	30	15	380500	19@9	CP_QAM64	19.93	19.33	33	PASS
n2	30	15	380500	1@1	CP_QAM64	20.11	19.51	33	PASS
n2	30	15	380500	1@36	CP_QAM64	20.29	19.69	33	PASS
n2	30	15	380500	19@9	CP_QAM256	17.23	16.63	33	PASS
n2	30	15	380500	1@1	CP_QAM256	17.44	16.84	33	PASS
n2	30	15	380500	1@36	CP_QAM256	17.61	17.01	33	PASS
n2	30	20	372000	25@12	DFT_BPSK	23.62	23.02	33	PASS
n2	30	20	372000	1@1	DFT_BPSK	23.75	23.15	33	PASS

n2	30	20	372000	1@49	DFT_BPSK	23.14	22.54	33	PASS
n2	30	20	372000	25@12	DFT_QPSK	23.67	23.07	33	PASS
n2	30	20	372000	1@1	DFT_QPSK	23.71	23.11	33	PASS
n2	30	20	372000	1@49	DFT_QPSK	23.14	22.54	33	PASS
n2	30	20	372000	25@12	DFT_QAM16	22.75	22.15	33	PASS
n2	30	20	372000	1@1	DFT_QAM16	22.98	22.38	33	PASS
n2	30	20	372000	1@49	DFT_QAM16	22.49	21.89	33	PASS
n2	30	20	372000	25@12	DFT_QAM64	21.23	20.63	33	PASS
n2	30	20	372000	1@1	DFT_QAM64	21.05	20.45	33	PASS
n2	30	20	372000	1@49	DFT_QAM64	20.54	19.94	33	PASS
n2	30	20	372000	25@12	DFT_QAM256	19.35	18.75	33	PASS
n2	30	20	372000	1@1	DFT_QAM256	19.37	18.77	33	PASS
n2	30	20	372000	1@49	DFT_QAM256	19.04	18.44	33	PASS
n2	30	20	372000	25@12	CP_QPSK	22.14	21.54	33	PASS
n2	30	20	372000	1@1	CP_QPSK	22.14	21.54	33	PASS
n2	30	20	372000	1@49	CP_QPSK	21.79	21.19	33	PASS
n2	30	20	372000	25@12	CP_QAM16	21.65	21.05	33	PASS
n2	30	20	372000	1@1	CP_QAM16	21.59	20.99	33	PASS
n2	30	20	372000	1@49	CP_QAM16	21.43	20.83	33	PASS
n2	30	20	372000	25@12	CP_QAM64	20.19	19.59	33	PASS
n2	30	20	372000	1@1	CP_QAM64	20.04	19.44	33	PASS
n2	30	20	372000	1@49	CP_QAM64	19.59	18.99	33	PASS
n2	30	20	372000	25@12	CP_QAM256	17.24	16.64	33	PASS
n2	30	20	372000	1@1	CP_QAM256	17.63	17.03	33	PASS
n2	30	20	372000	1@49	CP_QAM256	16.76	16.16	33	PASS
n2	30	20	376000	25@12	DFT_BPSK	23.46	22.86	33	PASS
n2	30	20	376000	1@1	DFT_BPSK	23.22	22.62	33	PASS
n2	30	20	376000	1@49	DFT_BPSK	23.37	22.77	33	PASS
n2	30	20	376000	25@12	DFT_QPSK	23.46	22.86	33	PASS
n2	30	20	376000	1@1	DFT_QPSK	23.03	22.43	33	PASS
n2	30	20	376000	1@49	DFT_QPSK	23.22	22.62	33	PASS
n2	30	20	376000	25@12	DFT_QAM16	22.51	21.91	33	PASS
n2	30	20	376000	1@1	DFT_QAM16	22.67	22.07	33	PASS
n2	30	20	376000	1@49	DFT_QAM16	22.81	22.21	33	PASS
n2	30	20	376000	25@12	DFT_QAM64	20.95	20.35	33	PASS
n2	30	20	376000	1@1	DFT_QAM64	20.98	20.38	33	PASS
n2	30	20	376000	1@49	DFT_QAM64	20.77	20.17	33	PASS
n2	30	20	376000	25@12	DFT_QAM256	19.08	18.48	33	PASS
n2	30	20	376000	1@1	DFT_QAM256	18.99	18.39	33	PASS
n2	30	20	376000	1@49	DFT_QAM256	19.07	18.47	33	PASS
n2	30	20	376000	25@12	CP_QPSK	21.96	21.36	33	PASS
n2	30	20	376000	1@1	CP_QPSK	21.58	20.98	33	PASS

n2	30	20	376000	1@49	CP_QPSK	21.88	21.28	33	PASS
n2	30	20	376000	25@12	CP_QAM16	21.50	20.9	33	PASS
n2	30	20	376000	1@1	CP_QAM16	21.77	21.17	33	PASS
n2	30	20	376000	1@49	CP_QAM16	21.94	21.34	33	PASS
n2	30	20	376000	25@12	CP_QAM64	19.87	19.27	33	PASS
n2	30	20	376000	1@1	CP_QAM64	19.49	18.89	33	PASS
n2	30	20	376000	1@49	CP_QAM64	19.62	19.02	33	PASS
n2	30	20	376000	25@12	CP_QAM256	17.05	16.45	33	PASS
n2	30	20	376000	1@1	CP_QAM256	17.20	16.6	33	PASS
n2	30	20	376000	1@49	CP_QAM256	16.85	16.25	33	PASS
n2	30	20	380000	25@12	DFT_BPSK	23.55	22.95	33	PASS
n2	30	20	380000	1@1	DFT_BPSK	23.43	22.83	33	PASS
n2	30	20	380000	1@49	DFT_BPSK	23.54	22.94	33	PASS
n2	30	20	380000	25@12	DFT_QPSK	23.69	23.09	33	PASS
n2	30	20	380000	1@1	DFT_QPSK	23.37	22.77	33	PASS
n2	30	20	380000	1@49	DFT_QPSK	23.55	22.95	33	PASS
n2	30	20	380000	25@12	DFT_QAM16	22.73	22.13	33	PASS
n2	30	20	380000	1@1	DFT_QAM16	22.66	22.06	33	PASS
n2	30	20	380000	1@49	DFT_QAM16	22.90	22.3	33	PASS
n2	30	20	380000	25@12	DFT_QAM64	21.18	20.58	33	PASS
n2	30	20	380000	1@1	DFT_QAM64	20.59	19.99	33	PASS
n2	30	20	380000	1@49	DFT_QAM64	20.80	20.2	33	PASS
n2	30	20	380000	25@12	DFT_QAM256	19.27	18.67	33	PASS
n2	30	20	380000	1@1	DFT_QAM256	19.11	18.51	33	PASS
n2	30	20	380000	1@49	DFT_QAM256	19.32	18.72	33	PASS
n2	30	20	380000	25@12	CP_QPSK	22.16	21.56	33	PASS
n2	30	20	380000	1@1	CP_QPSK	21.86	21.26	33	PASS
n2	30	20	380000	1@49	CP_QPSK	21.98	21.38	33	PASS
n2	30	20	380000	25@12	CP_QAM16	21.70	21.1	33	PASS
n2	30	20	380000	1@1	CP_QAM16	21.53	20.93	33	PASS
n2	30	20	380000	1@49	CP_QAM16	21.77	21.17	33	PASS
n2	30	20	380000	25@12	CP_QAM64	20.09	19.49	33	PASS
n2	30	20	380000	1@1	CP_QAM64	19.70	19.1	33	PASS
n2	30	20	380000	1@49	CP_QAM64	19.80	19.2	33	PASS
n2	30	20	380000	25@12	CP_QAM256	17.33	16.73	33	PASS
n2	30	20	380000	1@1	CP_QAM256	16.76	16.16	33	PASS
n2	30	20	380000	1@49	CP_QAM256	17.08	16.48	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
n2	30	20	376000	25@12	DFT_BPSK	3.87	-3.76	0.00	Within authorized band for 5G NR n2	PASS
n2	30	20	376000	25@12	DFT_BPSK	3.50	-4.11	0.00		PASS
n2	30	20	376000	25@12	DFT_BPSK	4.45	-1.45	0.00		PASS
n2	30	20	376000	25@12	DFT_QPSK	3.87	1.89	0.00		PASS
n2	30	20	376000	25@12	DFT_QPSK	3.50	2.80	0.00		PASS
n2	30	20	376000	25@12	DFT_QPSK	4.45	-10.98	-0.01		PASS

Note: Only the worst case shown in the report.

NV:

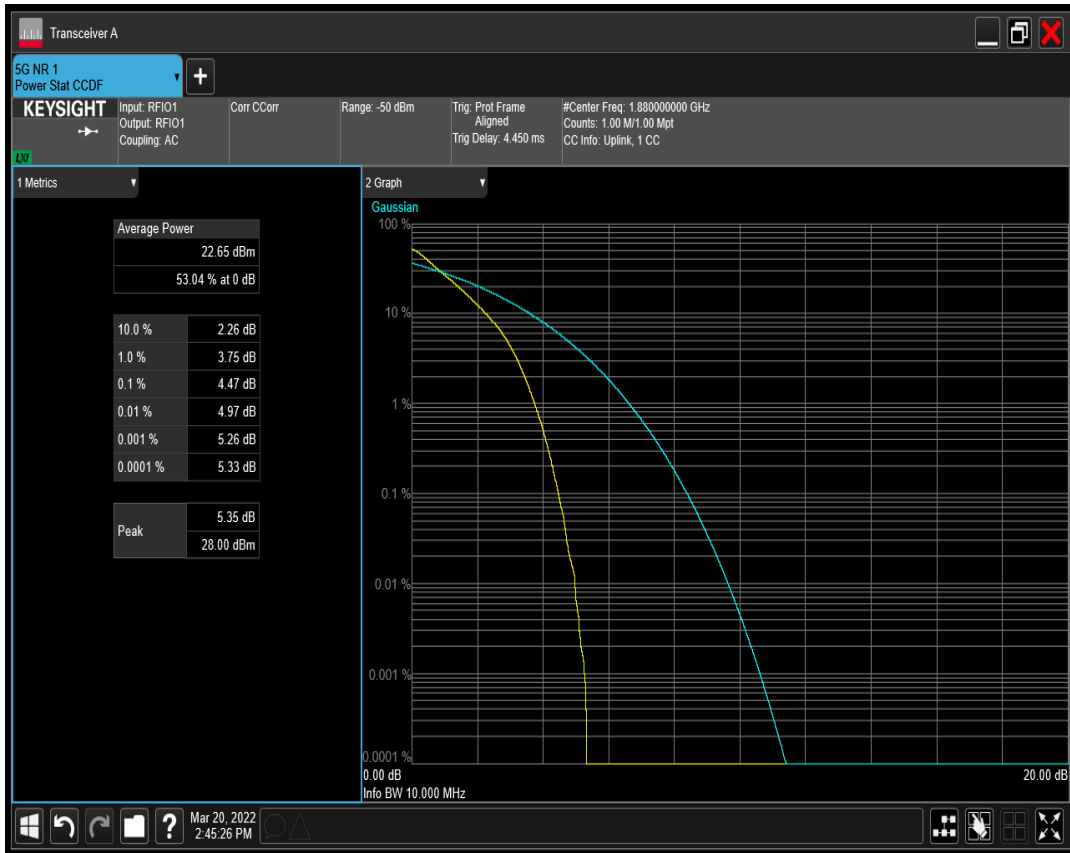
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Temperature(°C)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n2	30	20	376000	25@12	DFT_BPSK	-30	-2.8	0.00	Within authorized band for 5G NR n2	PASS
n2	30	20	376000	25@12	DFT_BPSK	-20	-4.12	0.00		PASS
n2	30	20	376000	25@12	DFT_BPSK	-10	-1.72	0.00		PASS
n2	30	20	376000	25@12	DFT_BPSK	0	-4.05	0.00		PASS
n2	30	20	376000	25@12	DFT_BPSK	10	-6.27	0.00		PASS
n2	30	20	376000	25@12	DFT_BPSK	20	-4.3	0.00		PASS
n2	30	20	376000	25@12	DFT_BPSK	30	-2.56	0.00		PASS
n2	30	20	376000	25@12	DFT_BPSK	40	-2.39	0.00		PASS
n2	30	20	376000	25@12	DFT_BPSK	50	-3.98	0.00		PASS
n2	30	20	376000	25@12	DFT_QPSK	-30	-2.31	0.00		PASS
n2	30	20	376000	25@12	DFT_QPSK	-20	-3.75	0.00		PASS
n2	30	20	376000	25@12	DFT_QPSK	-10	-3.29	0.00		PASS
n2	30	20	376000	25@12	DFT_QPSK	0	-4.53	0.00		PASS
n2	30	20	376000	25@12	DFT_QPSK	10	-0.53	0.00		PASS
n2	30	20	376000	25@12	DFT_QPSK	20	-4.93	0.00		PASS
n2	30	20	376000	25@12	DFT_QPSK	30	-5.83	0.00		PASS
n2	30	20	376000	25@12	DFT_QPSK	40	-4.37	0.00	PASS	
n2	30	20	376000	25@12	DFT_QPSK	50	-3.83	0.00	PASS	

Note: Only the worst case shown in the report.

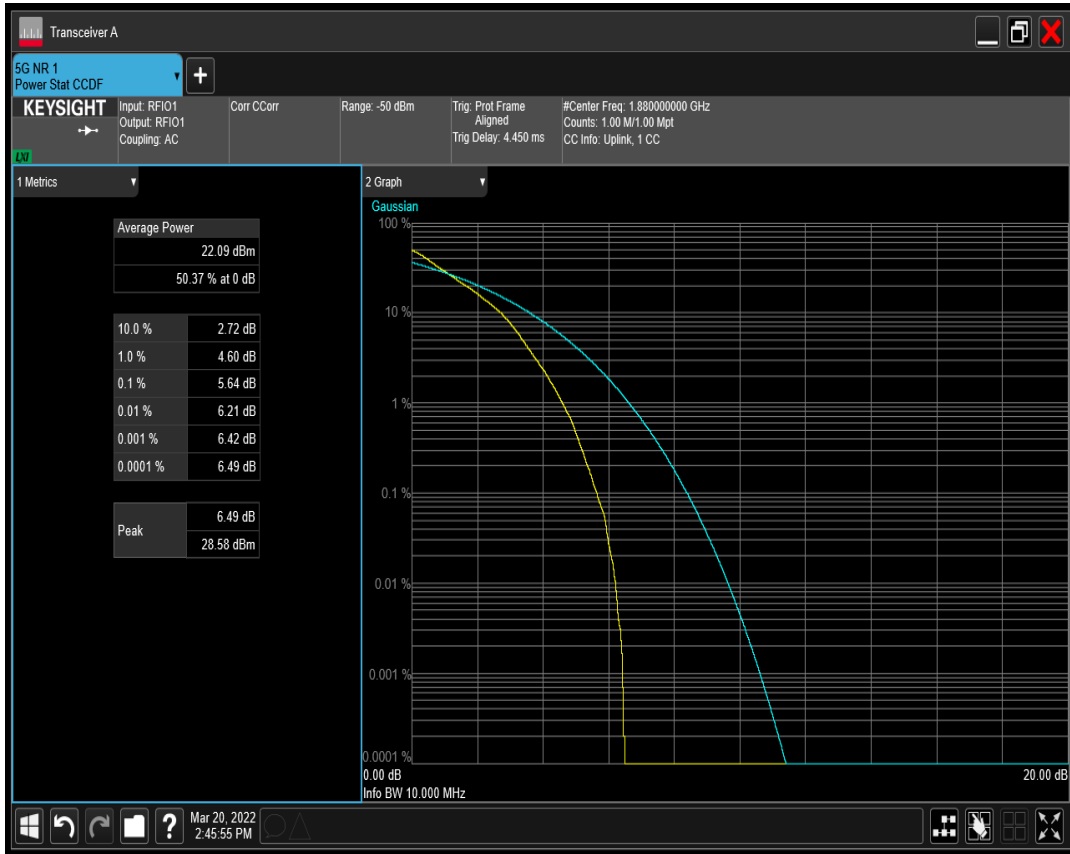
3 Peak-to-Average Ratio for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n2	30	10	376000	24@0	DFT_BPSK	4.47	13	PASS
n2	30	10	376000	24@0	DFT_QPSK	5.64	13	PASS
n2	30	10	376000	24@0	DFT_QAM16	6.37	13	PASS
n2	30	10	376000	24@0	DFT_QAM64	6.75	13	PASS
n2	30	10	376000	24@0	DFT_QAM256	7.24	13	PASS
n2	30	15	376000	36@0	DFT_BPSK	4.62	13	PASS
n2	30	15	376000	36@0	DFT_QPSK	5.67	13	PASS
n2	30	15	376000	36@0	DFT_QAM16	6.42	13	PASS
n2	30	15	376000	36@0	DFT_QAM64	6.77	13	PASS
n2	30	15	376000	36@0	DFT_QAM256	7.18	13	PASS
n2	30	20	376000	50@0	DFT_BPSK	4.41	13	PASS
n2	30	20	376000	50@0	DFT_QPSK	5.60	13	PASS
n2	30	20	376000	50@0	DFT_QAM16	6.36	13	PASS
n2	30	20	376000	50@0	DFT_QAM64	6.72	13	PASS
n2	30	20	376000	50@0	DFT_QAM256	7.16	13	PASS

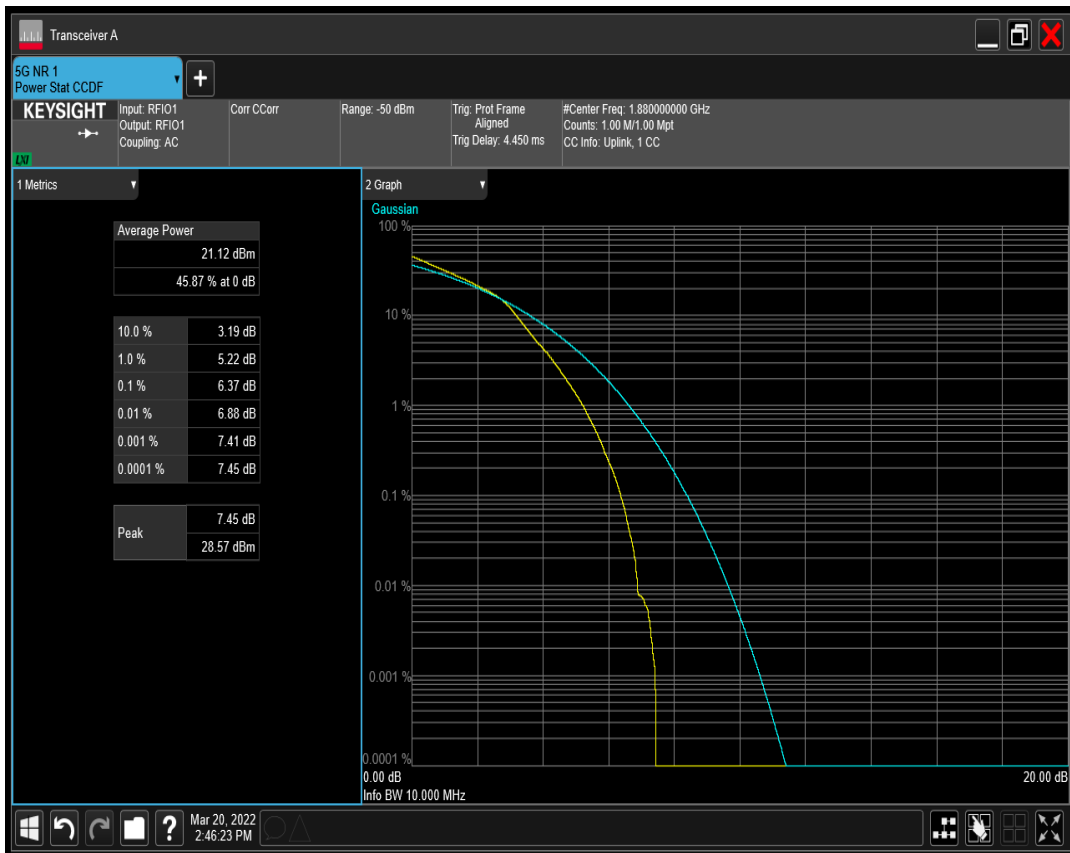
n2 SCS=30kHz DFT_BPSK BW=10MHz Channel=376000 RB=24@0



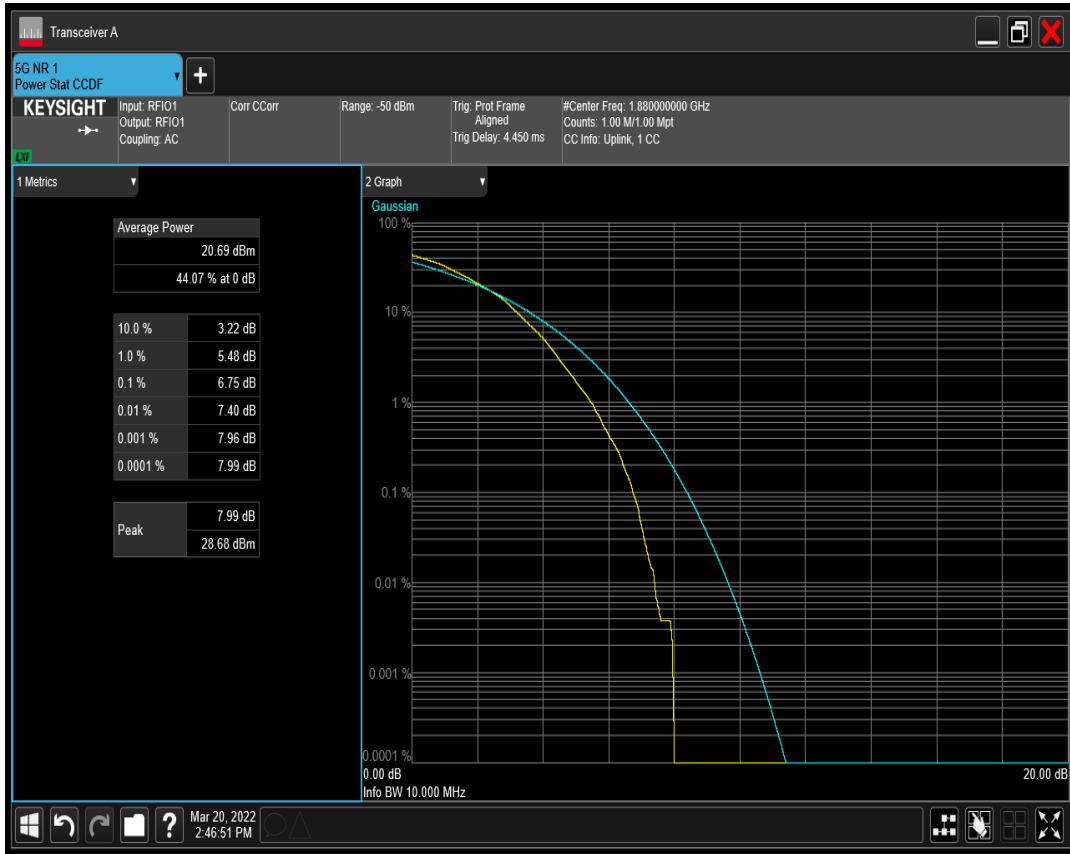
n2 SCS=30kHz DFT_QPSK BW=10MHz Channel=376000 RB=24@0



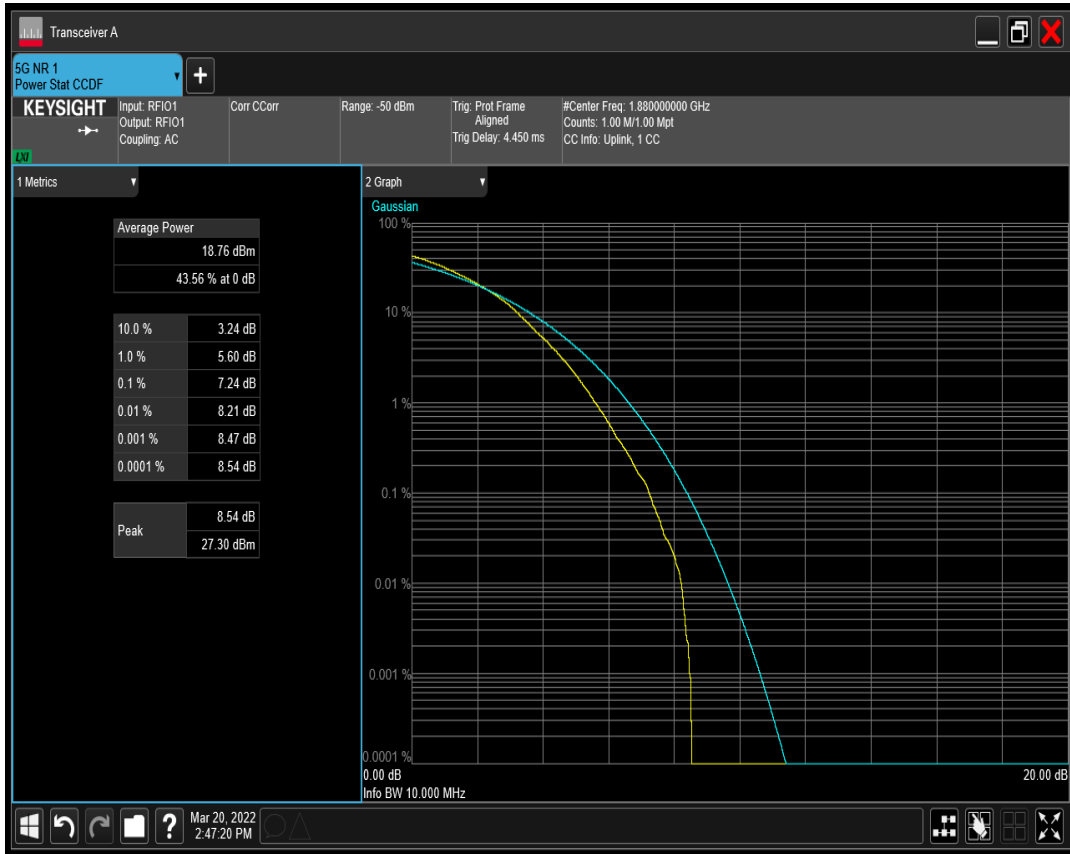
n2 SCS=30kHz DFT_QAM16 BW=10MHz Channel=376000 RB=24@0



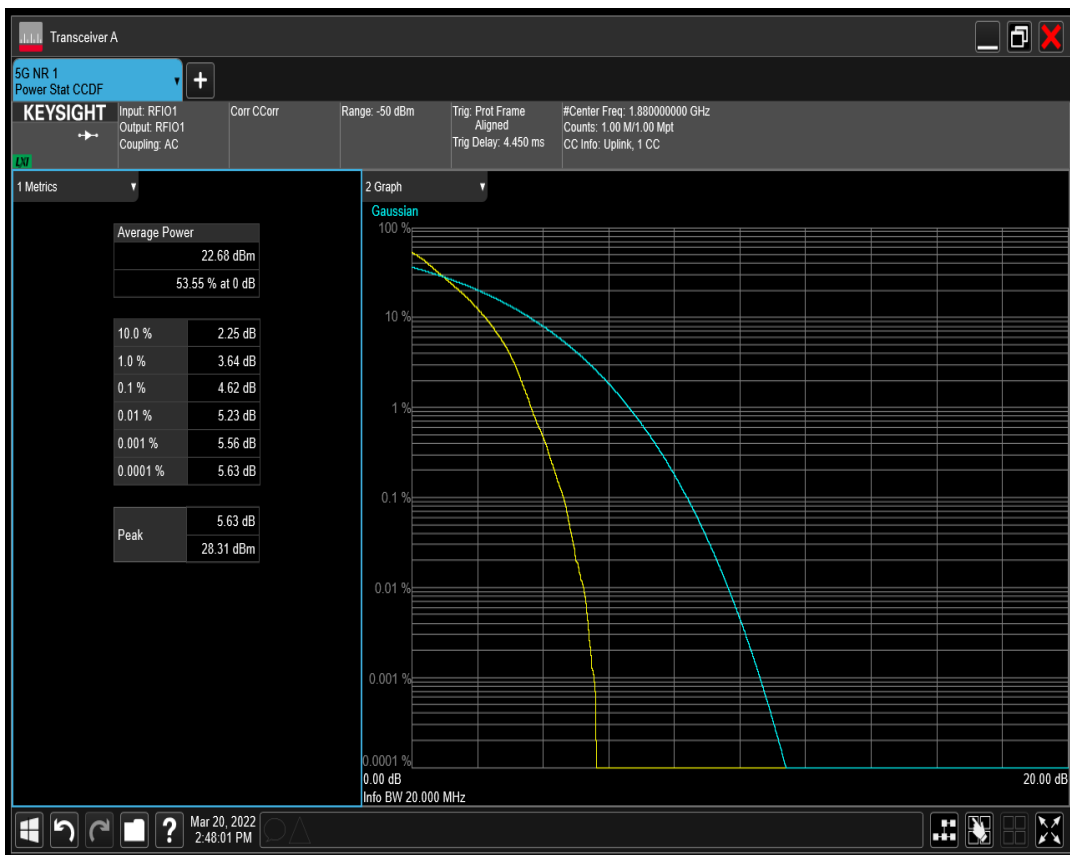
n2 SCS=30kHz DFT_QAM64 BW=10MHz Channel=376000 RB=24@0



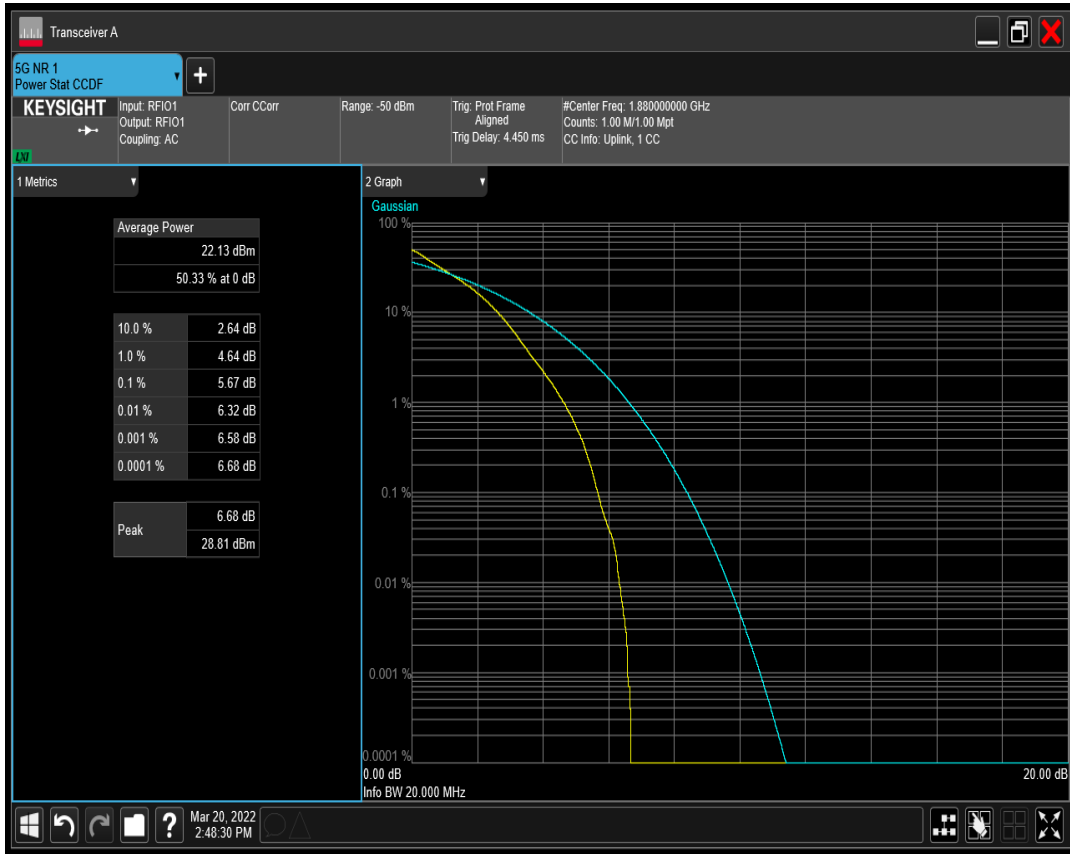
n2 SCS=30kHz DFT_QAM256 BW=10MHz Channel=376000 RB=24@0



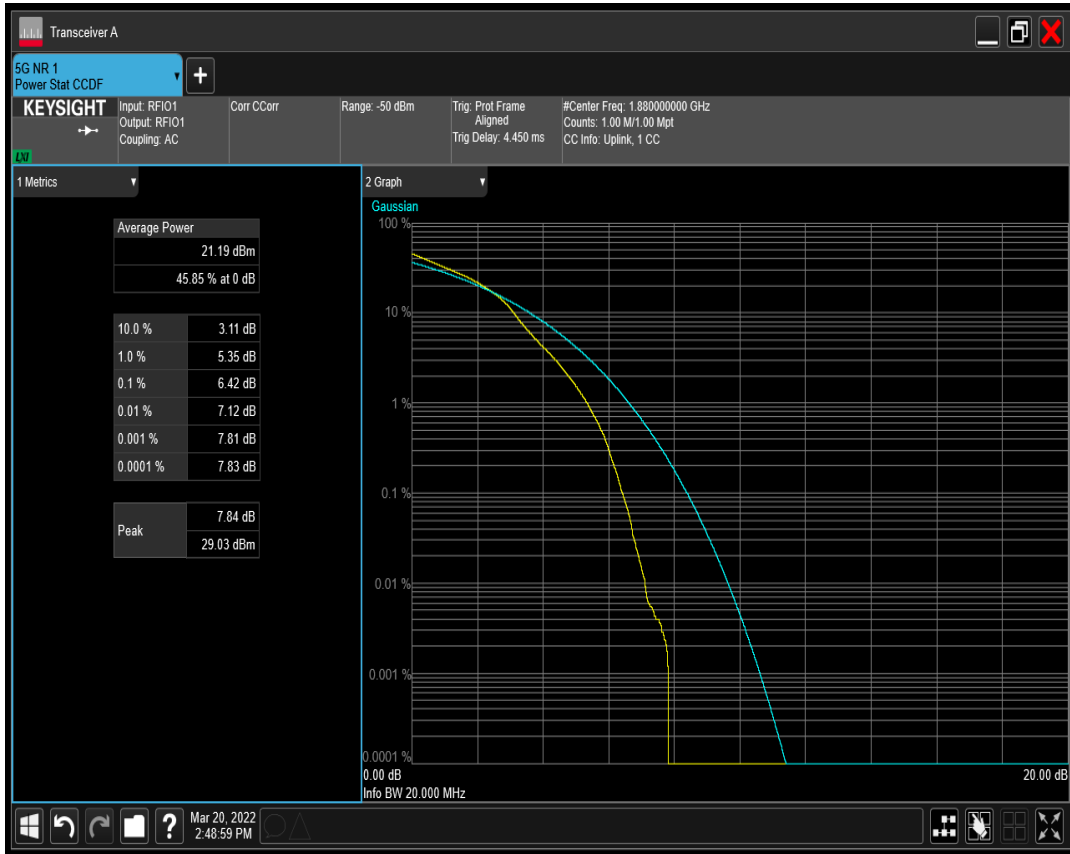
n2 SCS=30kHz DFT_BPSK BW=15MHz Channel=376000 RB=36@0



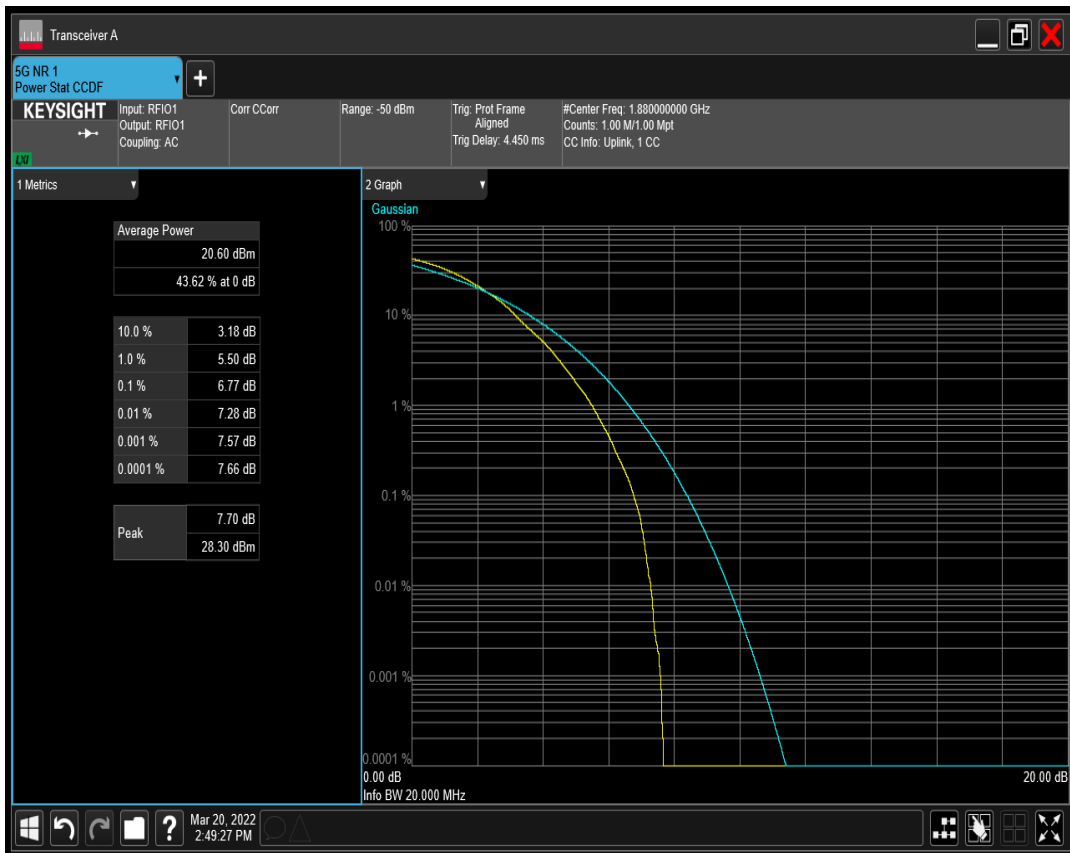
n2 SCS=30kHz DFT_QPSK BW=15MHz Channel=376000 RB=36@0



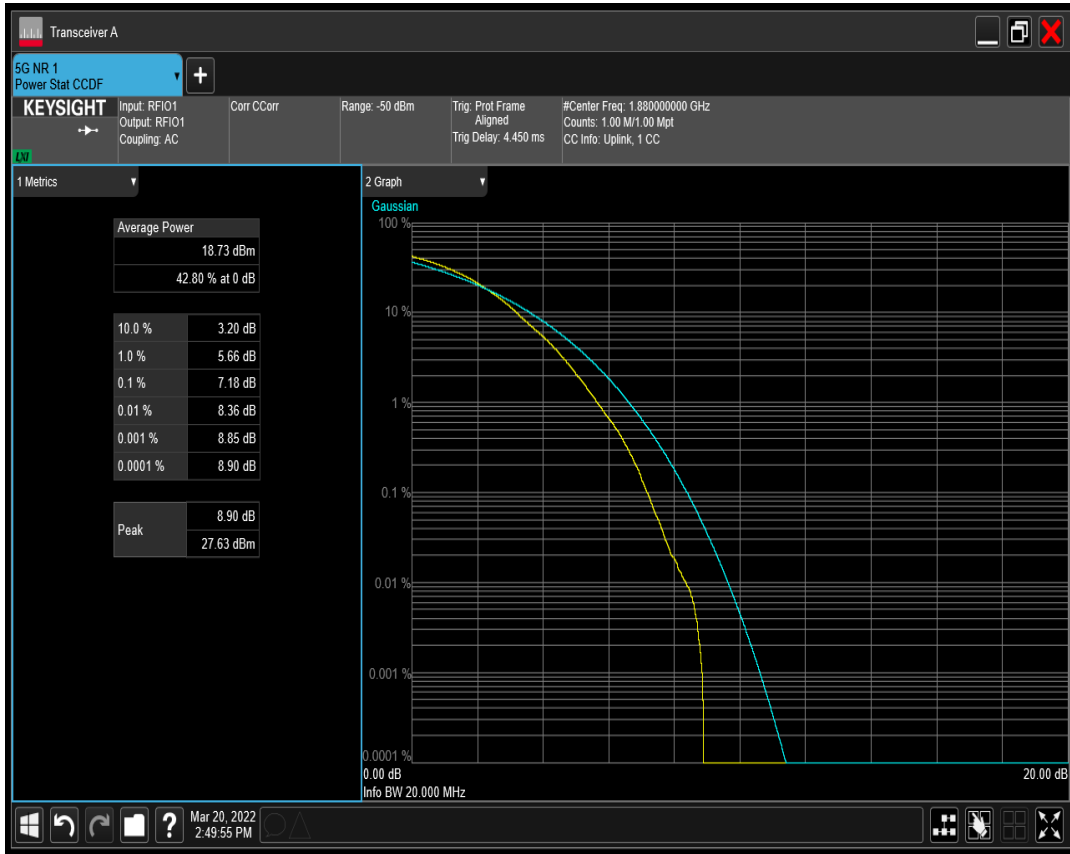
n2 SCS=30kHz DFT_QAM16 BW=15MHz Channel=376000 RB=36@0



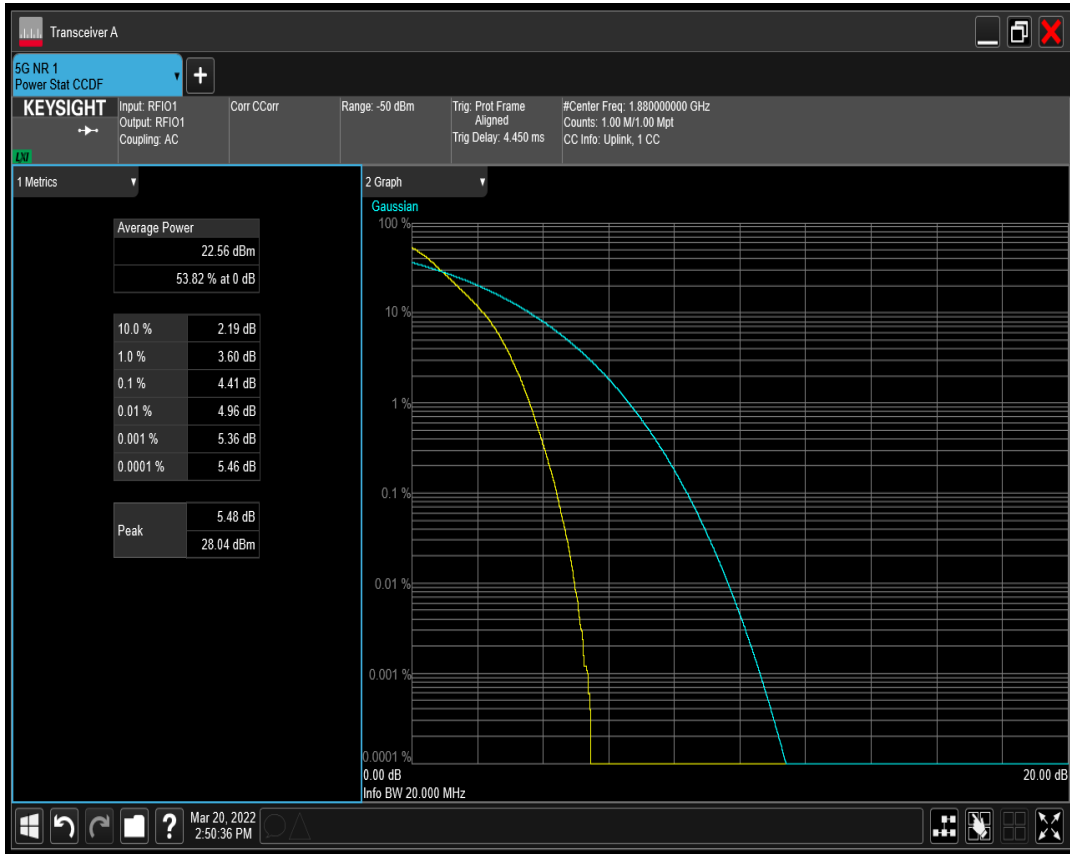
n2 SCS=30kHz DFT_QAM64 BW=15MHz Channel=376000 RB=36@0



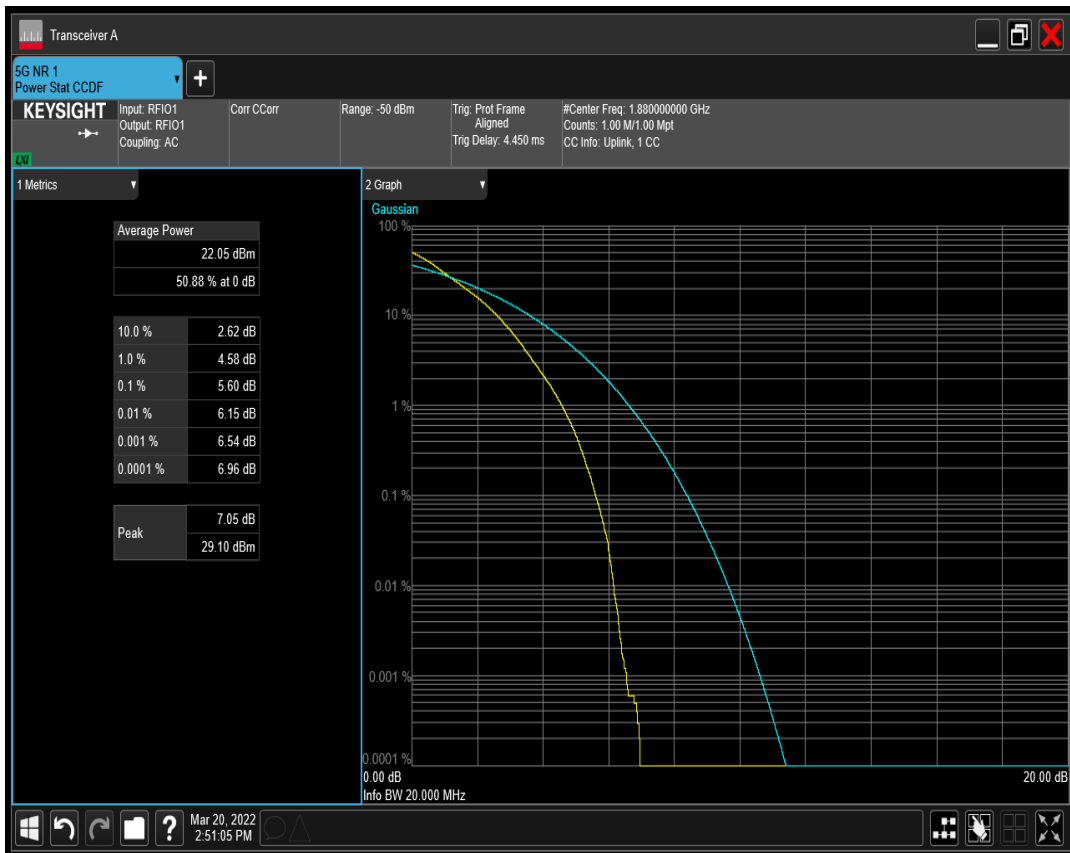
n2 SCS=30kHz DFT_QAM256 BW=15MHz Channel=376000 RB=36@0



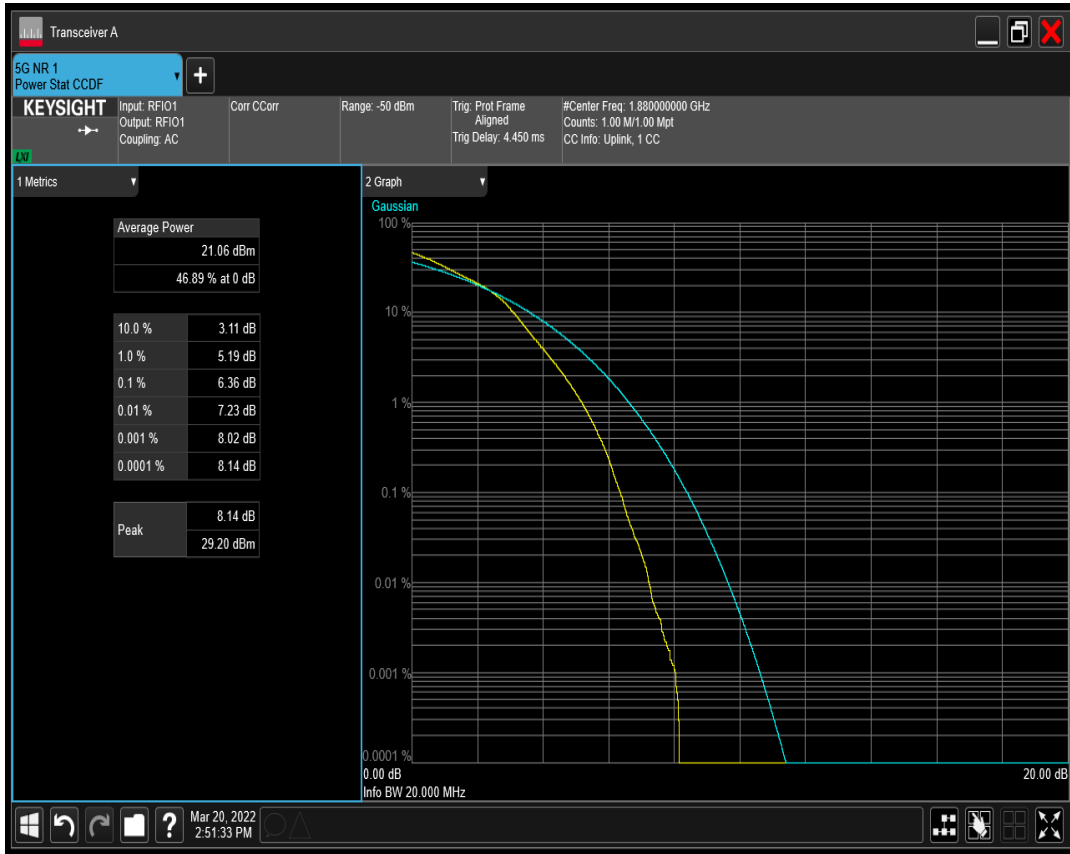
n2 SCS=30kHz DFT_BPSK BW=20MHz Channel=376000 RB=50@0



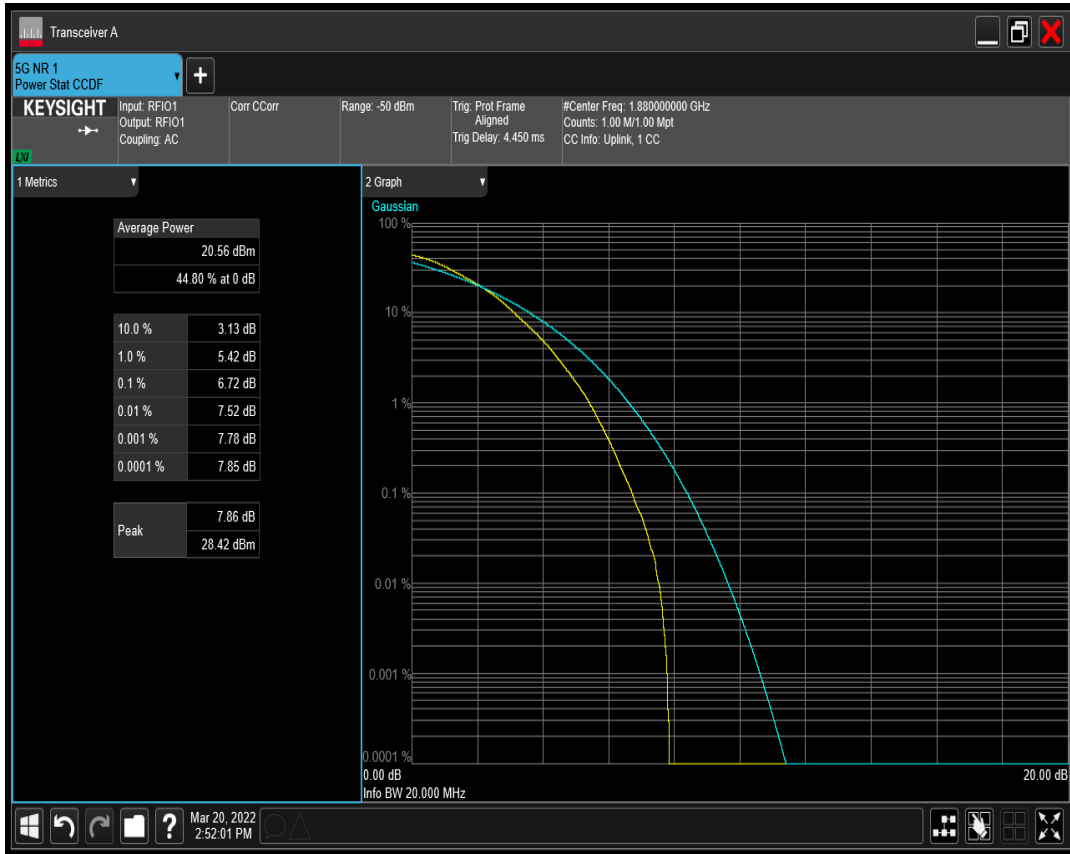
n2 SCS=30kHz DFT_QPSK BW=20MHz Channel=376000 RB=50@0



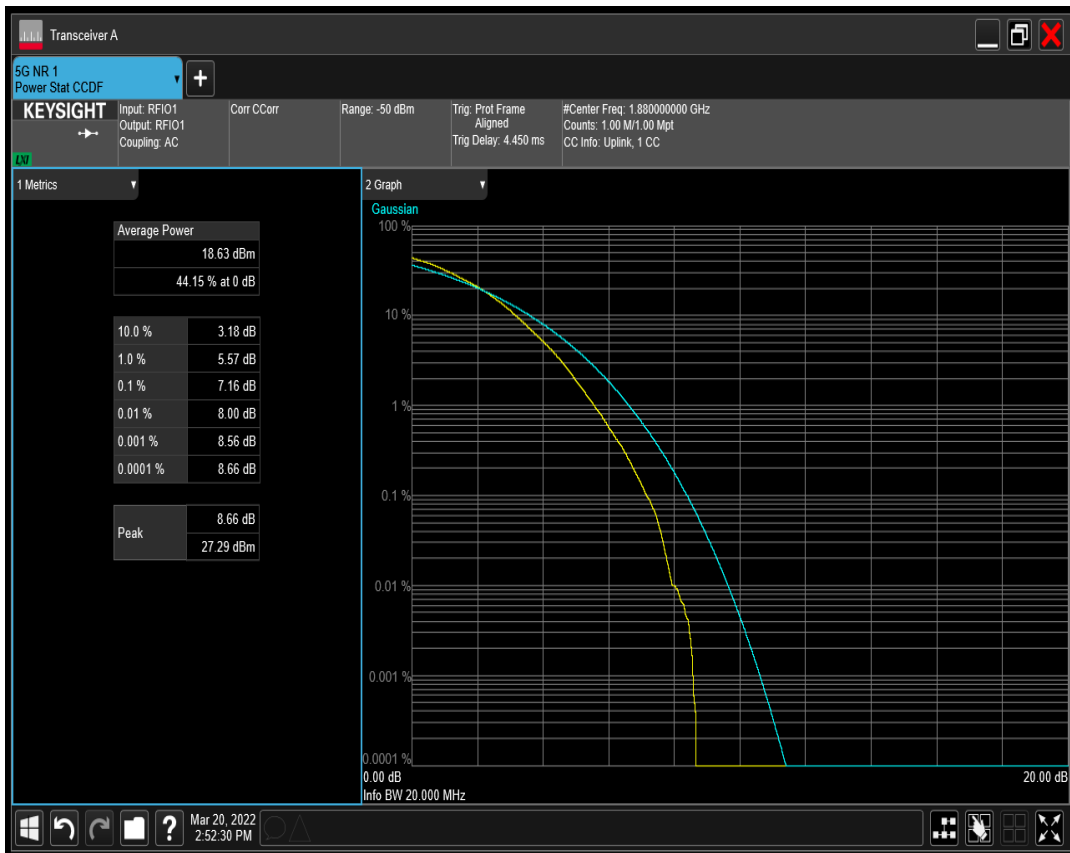
n2 SCS=30kHz DFT_QAM16 BW=20MHz Channel=376000 RB=50@0



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



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

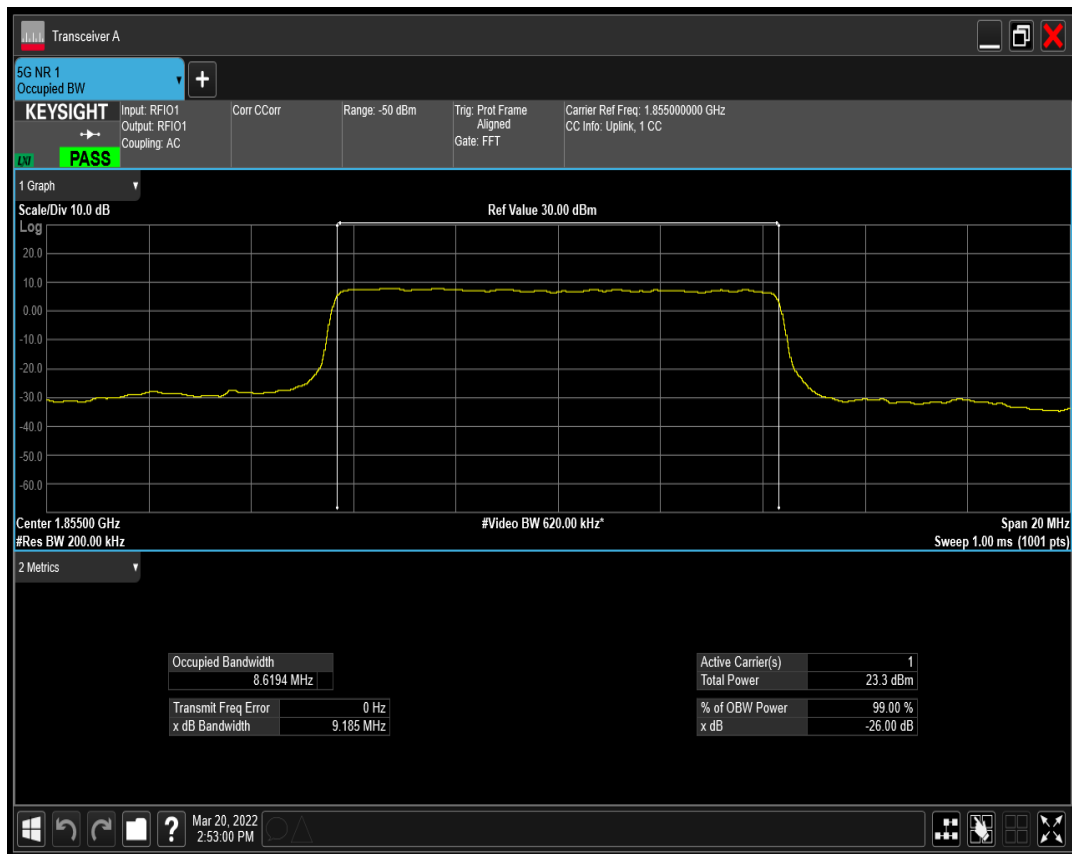


4 Occupied bandwidth for NR FR1

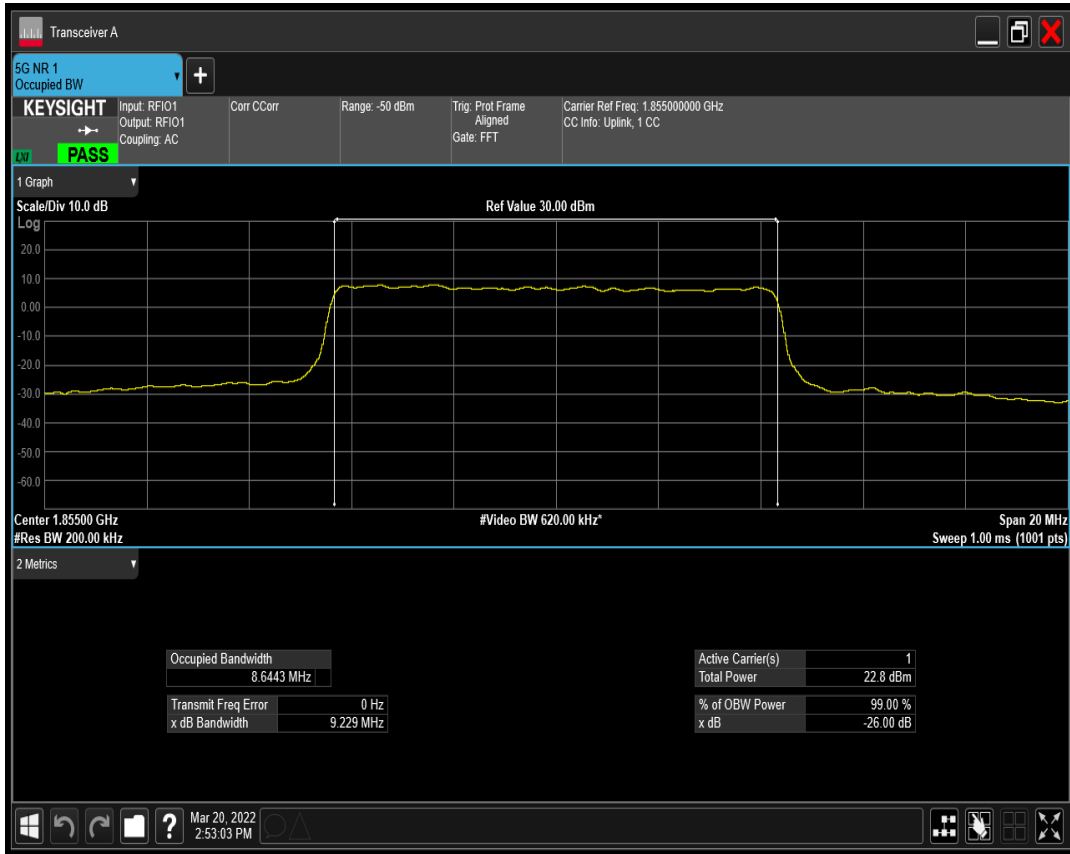
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n2	30	10	371000	24@0	DFT_BPSK	8.620	9.180	PASS
n2	30	10	371000	24@0	DFT_QPSK	8.640	9.230	PASS
n2	30	10	371000	24@0	DFT_QAM16	8.610	9.150	PASS
n2	30	10	371000	24@0	DFT_QAM64	8.650	9.190	PASS
n2	30	10	371000	24@0	DFT_QAM256	8.650	9.220	PASS
n2	30	10	371000	24@0	CP_QPSK	8.650	9.310	PASS
n2	30	10	376000	24@0	DFT_BPSK	8.650	9.200	PASS
n2	30	10	376000	24@0	DFT_QPSK	8.620	9.180	PASS
n2	30	10	376000	24@0	DFT_QAM16	8.620	9.260	PASS
n2	30	10	376000	24@0	DFT_QAM64	8.610	9.170	PASS
n2	30	10	376000	24@0	DFT_QAM256	8.650	9.260	PASS
n2	30	10	376000	24@0	CP_QPSK	8.620	9.210	PASS
n2	30	10	381000	24@0	DFT_BPSK	8.650	9.250	PASS
n2	30	10	381000	24@0	DFT_QPSK	8.620	9.220	PASS
n2	30	10	381000	24@0	DFT_QAM16	8.640	9.280	PASS
n2	30	10	381000	24@0	DFT_QAM64	8.640	9.190	PASS
n2	30	10	381000	24@0	DFT_QAM256	8.650	9.260	PASS
n2	30	10	381000	24@0	CP_QPSK	8.620	9.230	PASS
n2	30	15	371500	36@0	DFT_BPSK	13.580	13.770	PASS
n2	30	15	371500	36@0	DFT_QPSK	13.580	13.740	PASS
n2	30	15	371500	36@0	DFT_QAM16	13.560	13.710	PASS
n2	30	15	371500	36@0	DFT_QAM64	13.570	13.730	PASS
n2	30	15	371500	36@0	DFT_QAM256	13.580	13.710	PASS
n2	30	15	371500	38@0	CP_QPSK	13.690	14.470	PASS
n2	30	15	376000	36@0	DFT_BPSK	13.470	13.680	PASS
n2	30	15	376000	36@0	DFT_QPSK	13.460	13.720	PASS
n2	30	15	376000	36@0	DFT_QAM16	13.450	13.700	PASS
n2	30	15	376000	36@0	DFT_QAM64	13.460	13.720	PASS
n2	30	15	376000	36@0	DFT_QAM256	13.440	13.720	PASS
n2	30	15	376000	38@0	CP_QPSK	13.630	14.420	PASS
n2	30	15	380500	36@0	DFT_BPSK	13.530	13.770	PASS
n2	30	15	380500	36@0	DFT_QPSK	13.510	13.780	PASS
n2	30	15	380500	36@0	DFT_QAM16	13.570	13.790	PASS
n2	30	15	380500	36@0	DFT_QAM64	13.510	13.770	PASS
n2	30	15	380500	36@0	DFT_QAM256	13.500	13.720	PASS
n2	30	15	380500	38@0	CP_QPSK	13.690	14.500	PASS
n2	30	20	372000	50@0	DFT_BPSK	18.180	18.950	PASS
n2	30	20	372000	50@0	DFT_QPSK	18.170	18.950	PASS

n2	30	20	372000	50@0	DFT_QAM16	18.180	18.940	PASS
n2	30	20	372000	50@0	DFT_QAM64	18.200	18.970	PASS
n2	30	20	372000	50@0	DFT_QAM256	18.200	18.960	PASS
n2	30	20	372000	51@0	CP_QPSK	18.340	19.320	PASS
n2	30	20	376000	50@0	DFT_BPSK	18.020	18.920	PASS
n2	30	20	376000	50@0	DFT_QPSK	18.020	18.890	PASS
n2	30	20	376000	50@0	DFT_QAM16	18.010	18.900	PASS
n2	30	20	376000	50@0	DFT_QAM64	18.040	18.910	PASS
n2	30	20	376000	50@0	DFT_QAM256	18.090	18.930	PASS
n2	30	20	376000	51@0	CP_QPSK	18.250	19.280	PASS
n2	30	20	380000	50@0	DFT_BPSK	18.170	18.950	PASS
n2	30	20	380000	50@0	DFT_QPSK	18.170	18.960	PASS
n2	30	20	380000	50@0	DFT_QAM16	18.170	18.960	PASS
n2	30	20	380000	50@0	DFT_QAM64	18.190	18.980	PASS
n2	30	20	380000	50@0	DFT_QAM256	18.190	18.970	PASS
n2	30	20	380000	51@0	CP_QPSK	18.350	19.330	PASS

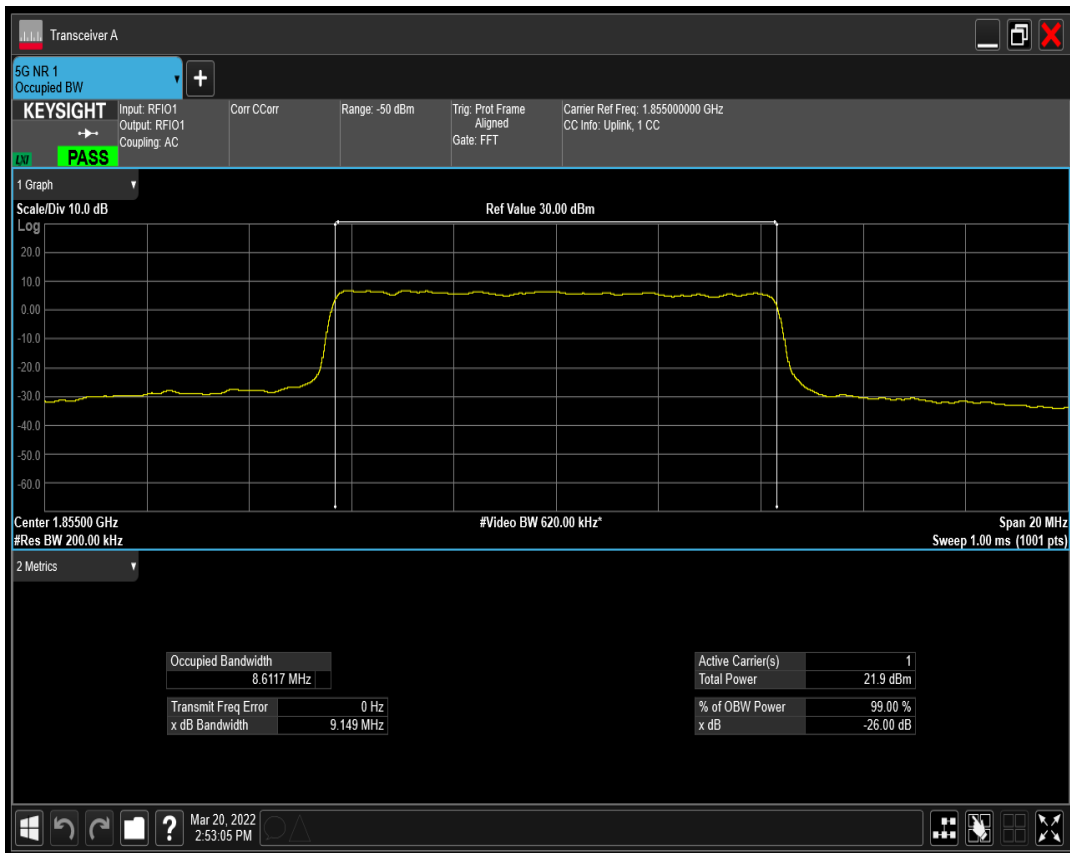
n2 SCS=30kHz DFT_BPSK BW=10MHz Channel=371000 RB=24@0



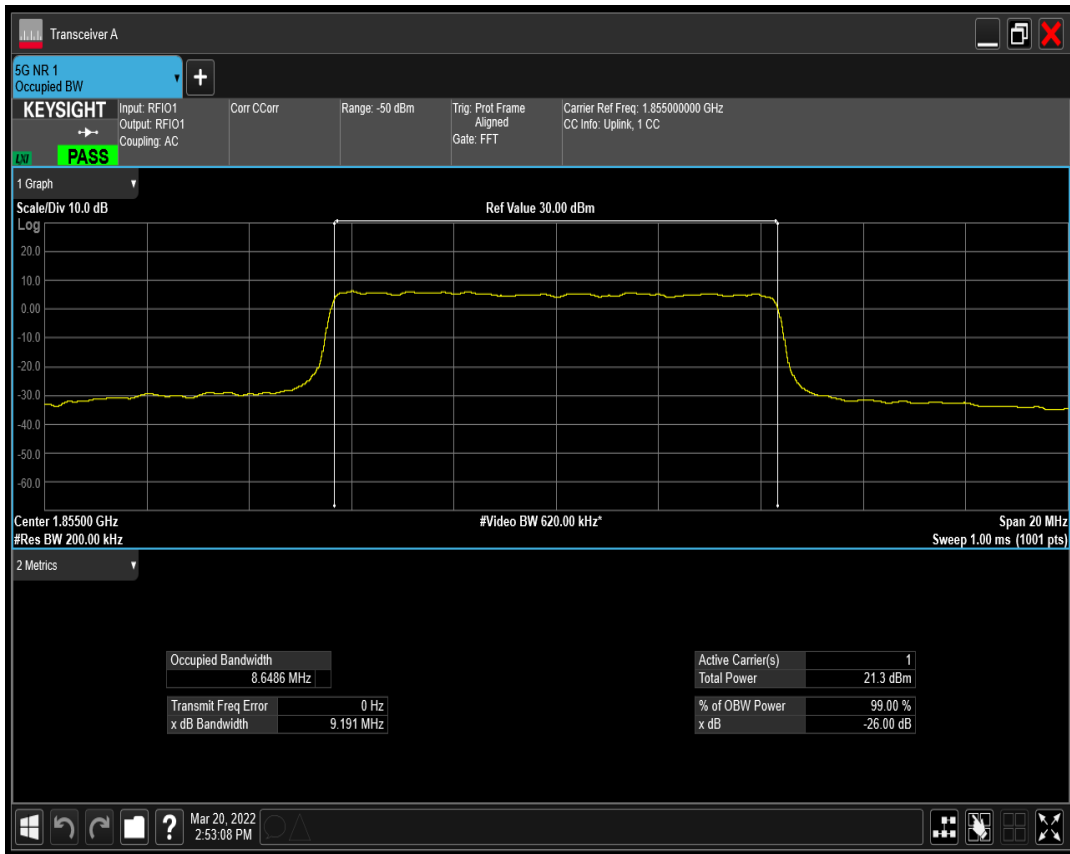
n2 SCS=30kHz DFT_QPSK BW=10MHz Channel=371000 RB=24@0



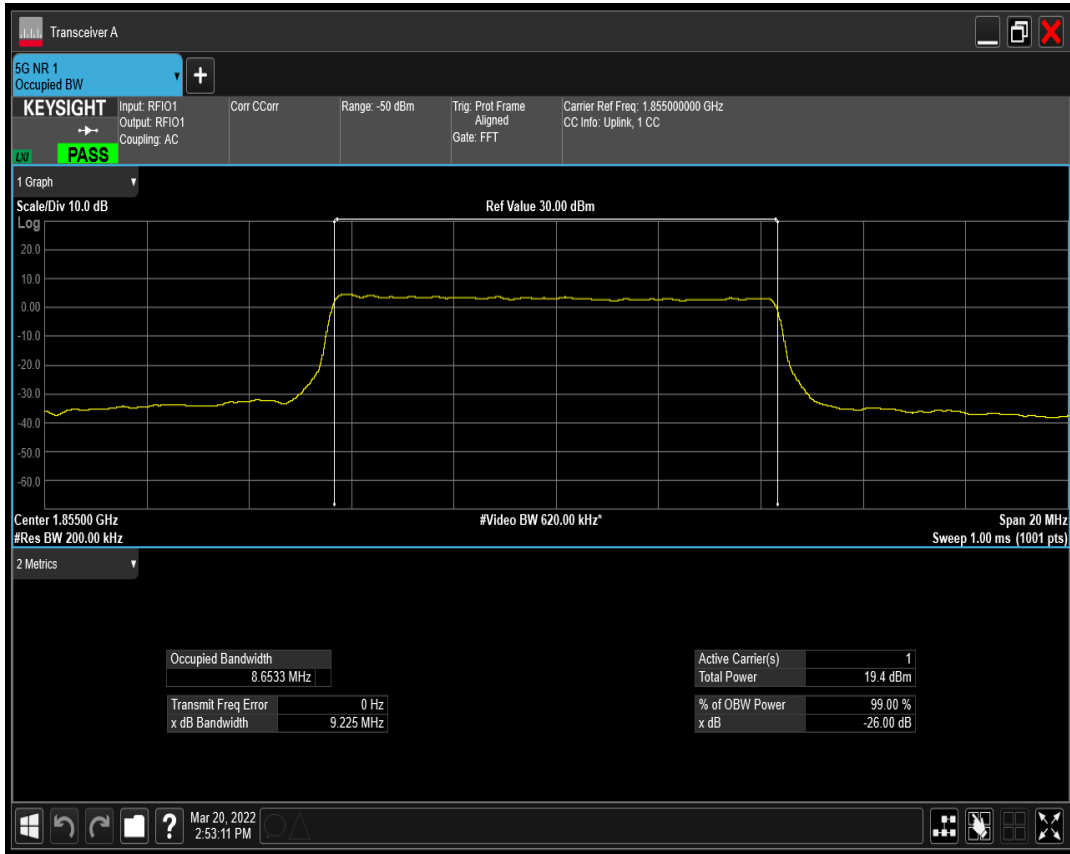
n2 SCS=30kHz DFT_QAM16 BW=10MHz Channel=371000 RB=24@0



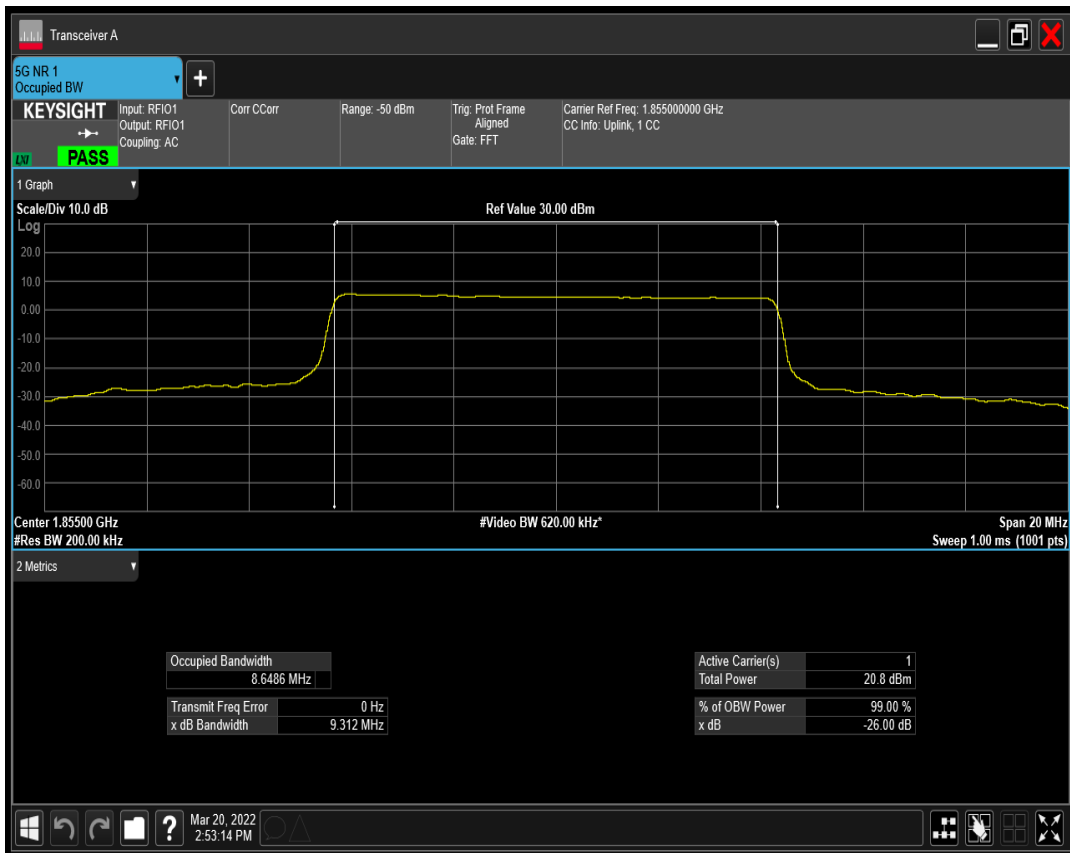
n2 SCS=30kHz DFT_QAM64 BW=10MHz Channel=371000 RB=24@0



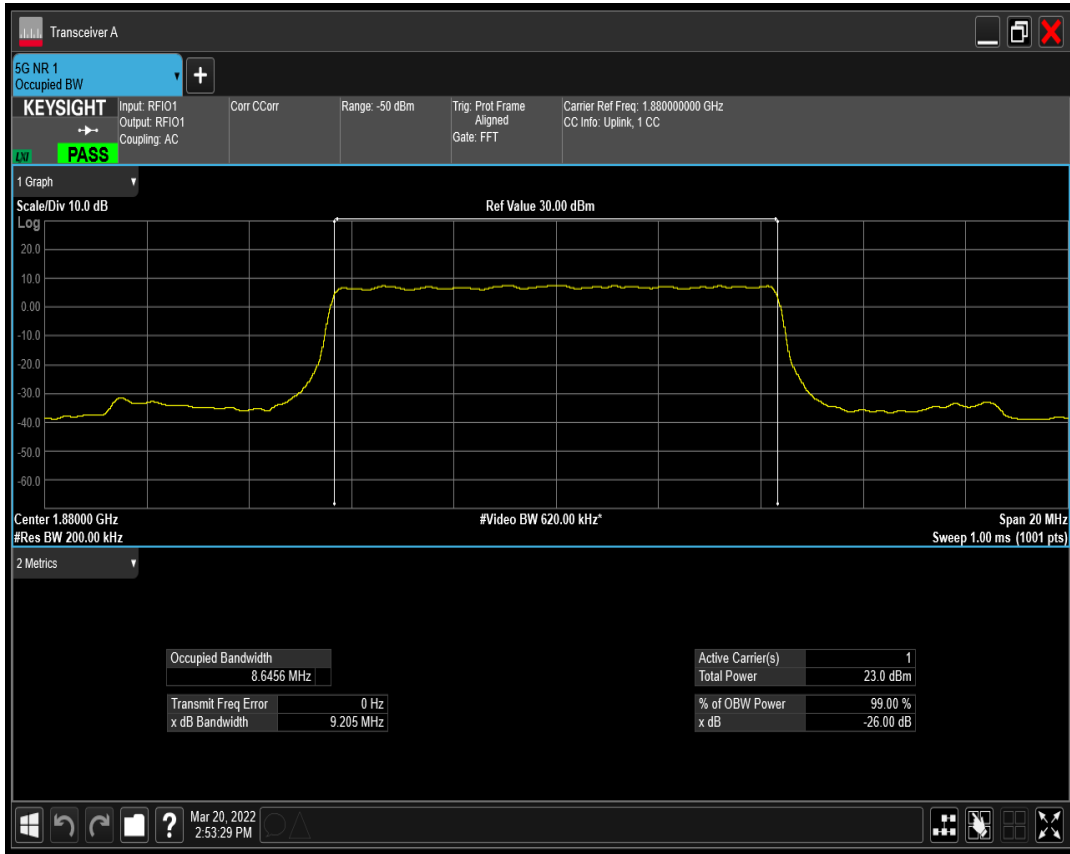
n2 SCS=30kHz DFT_QAM256 BW=10MHz Channel=371000 RB=24@0



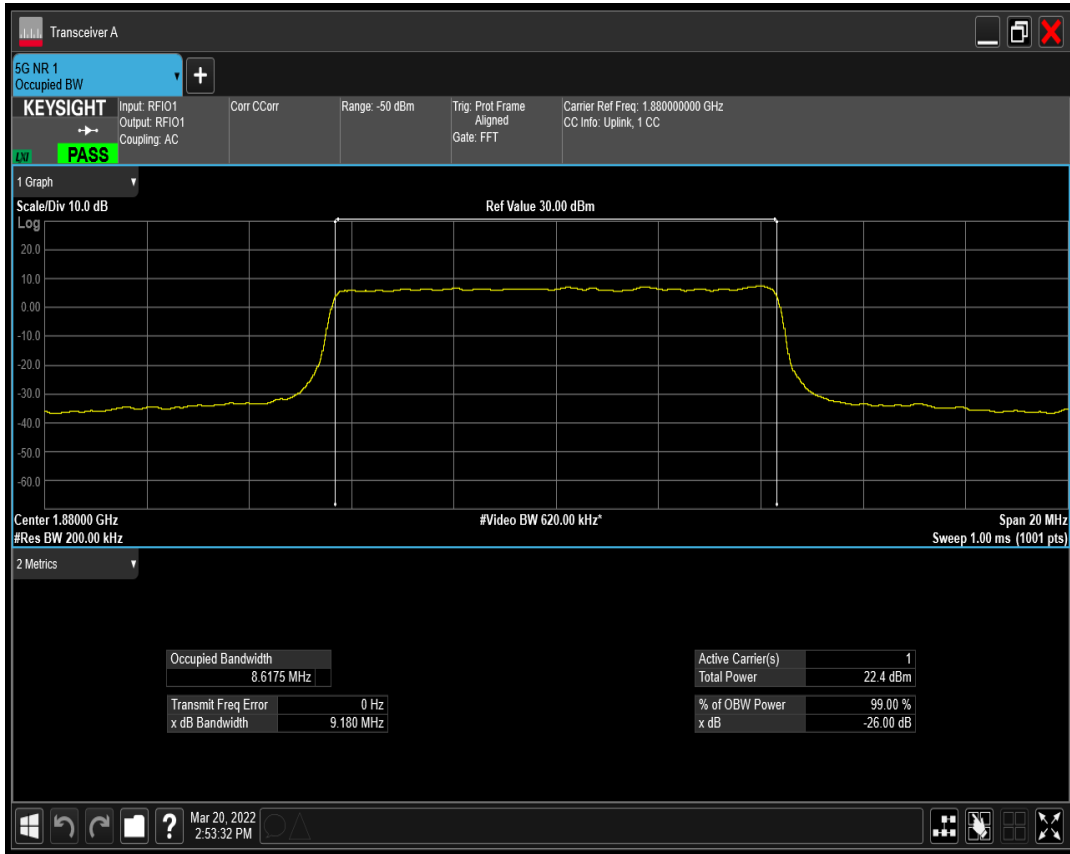
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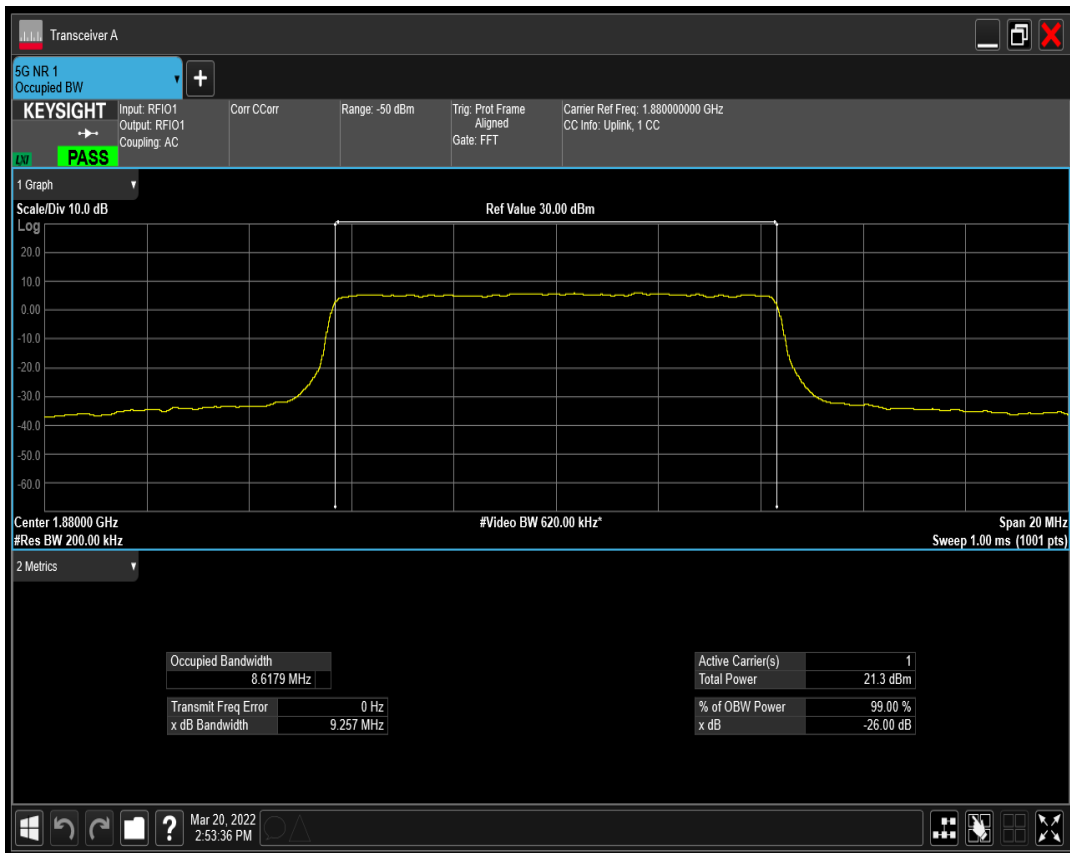
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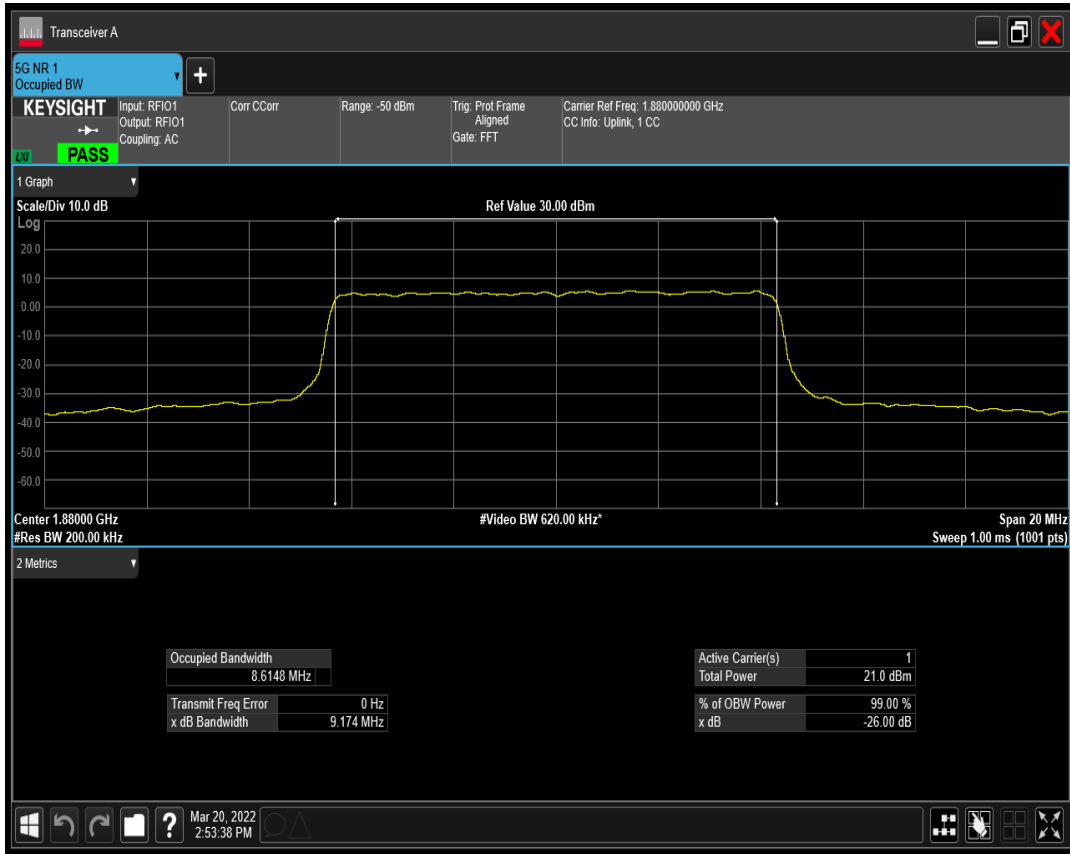
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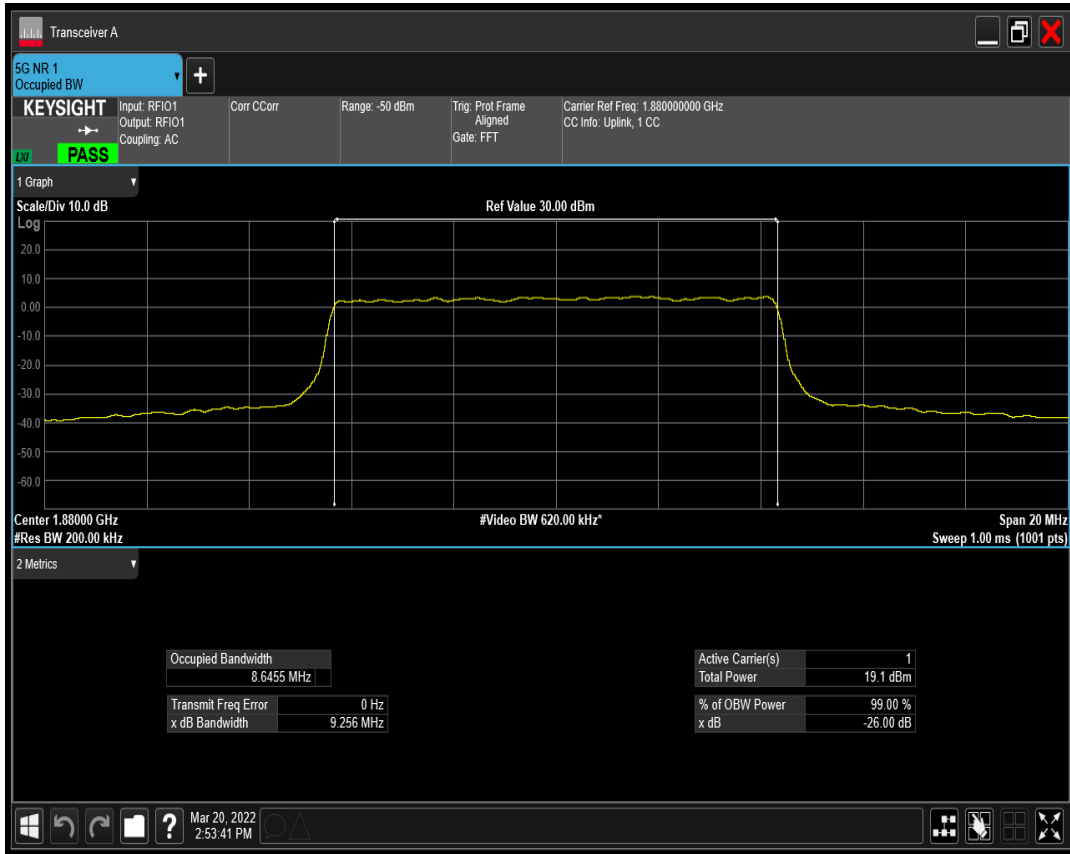
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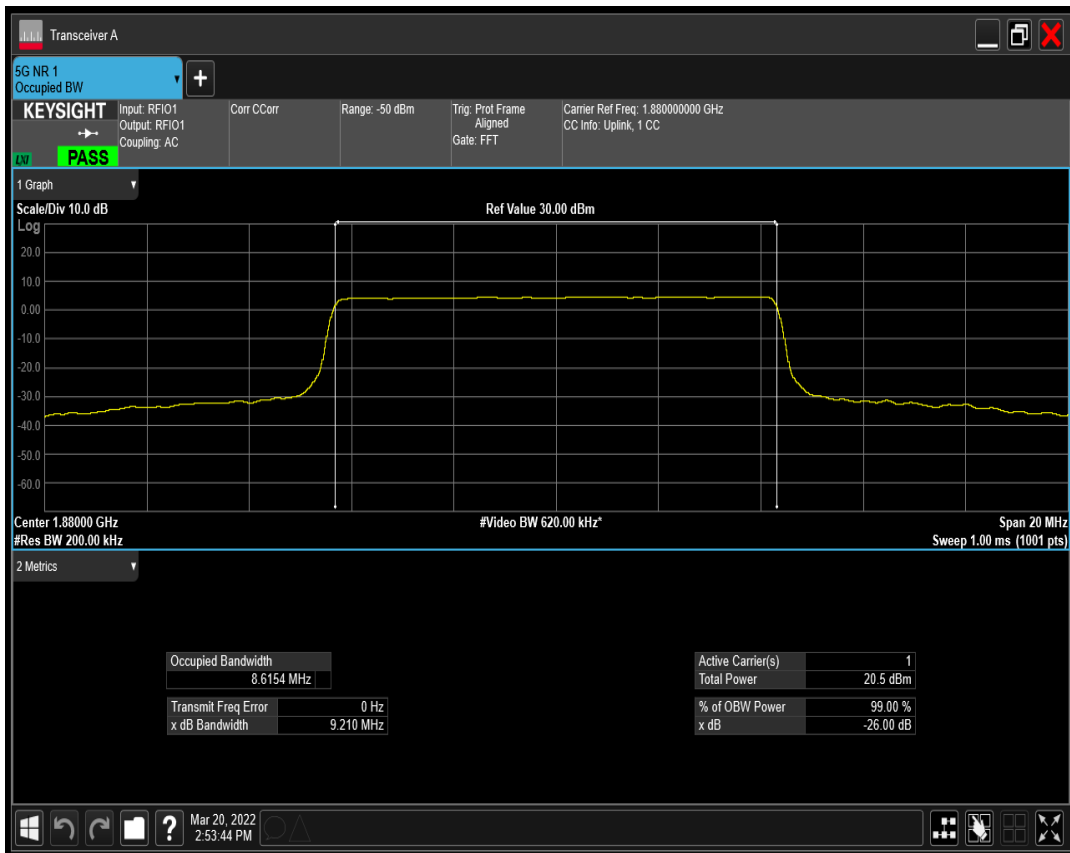
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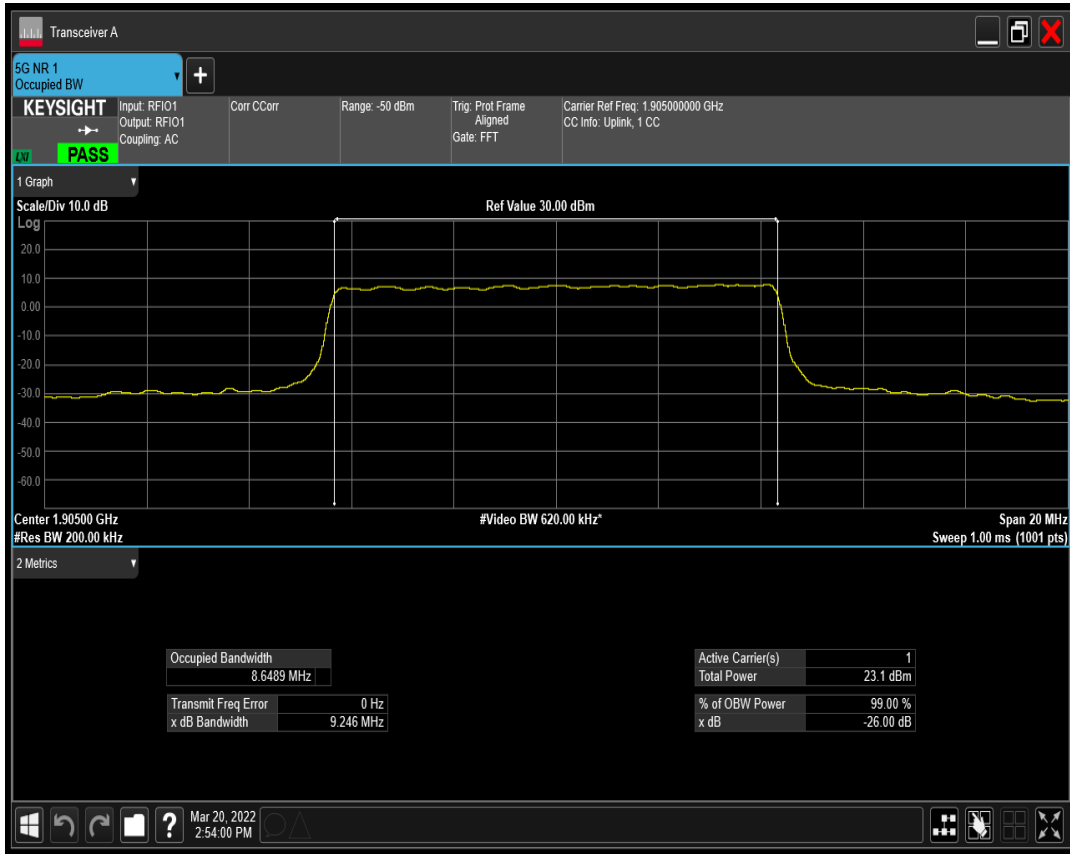
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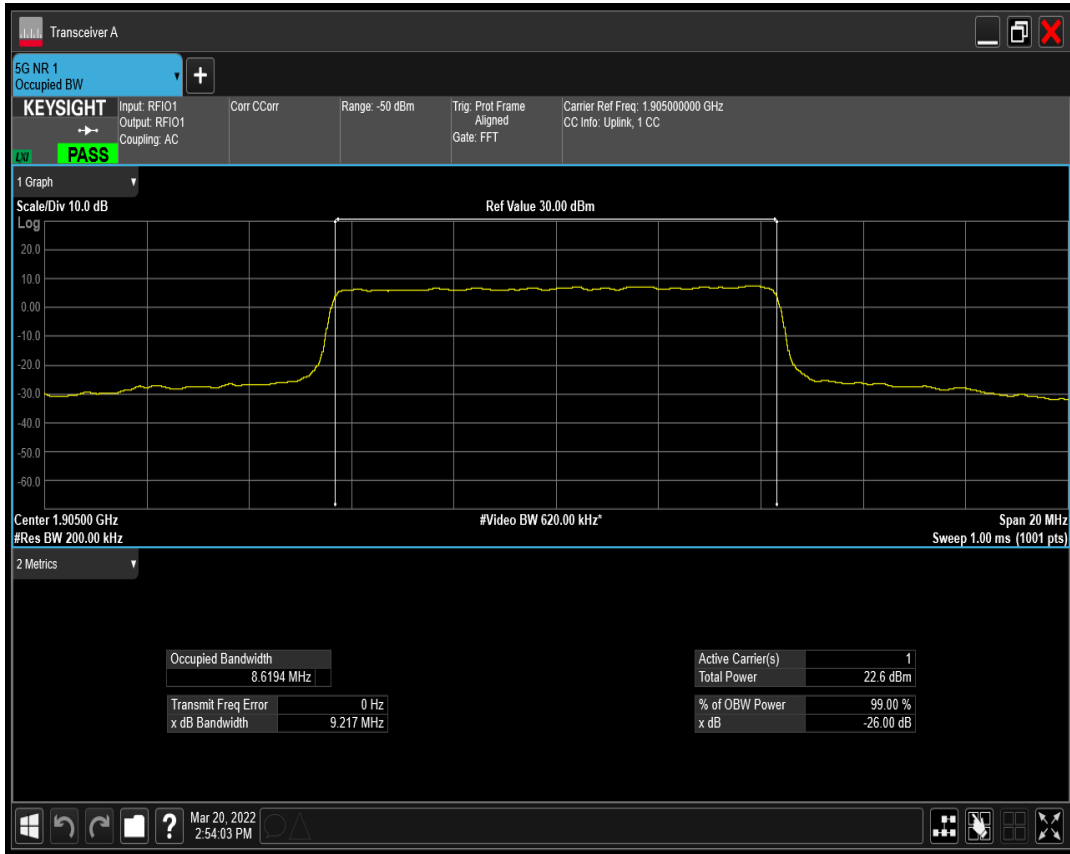
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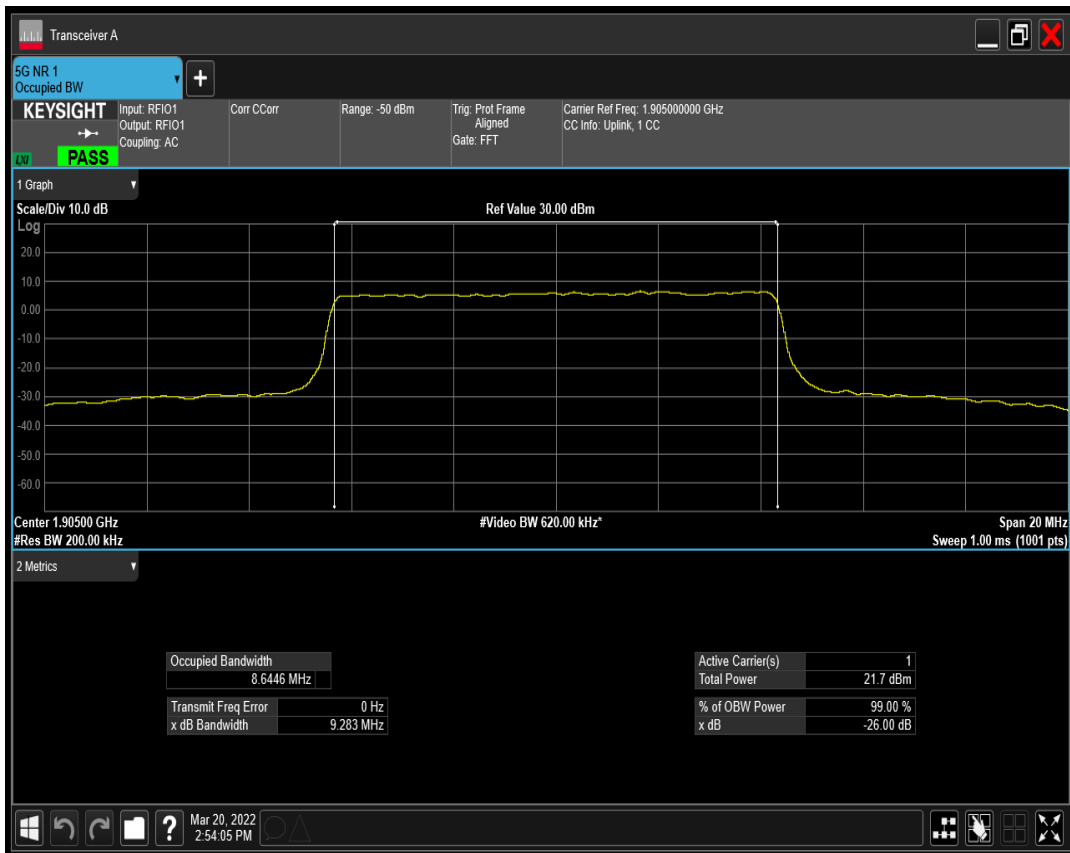
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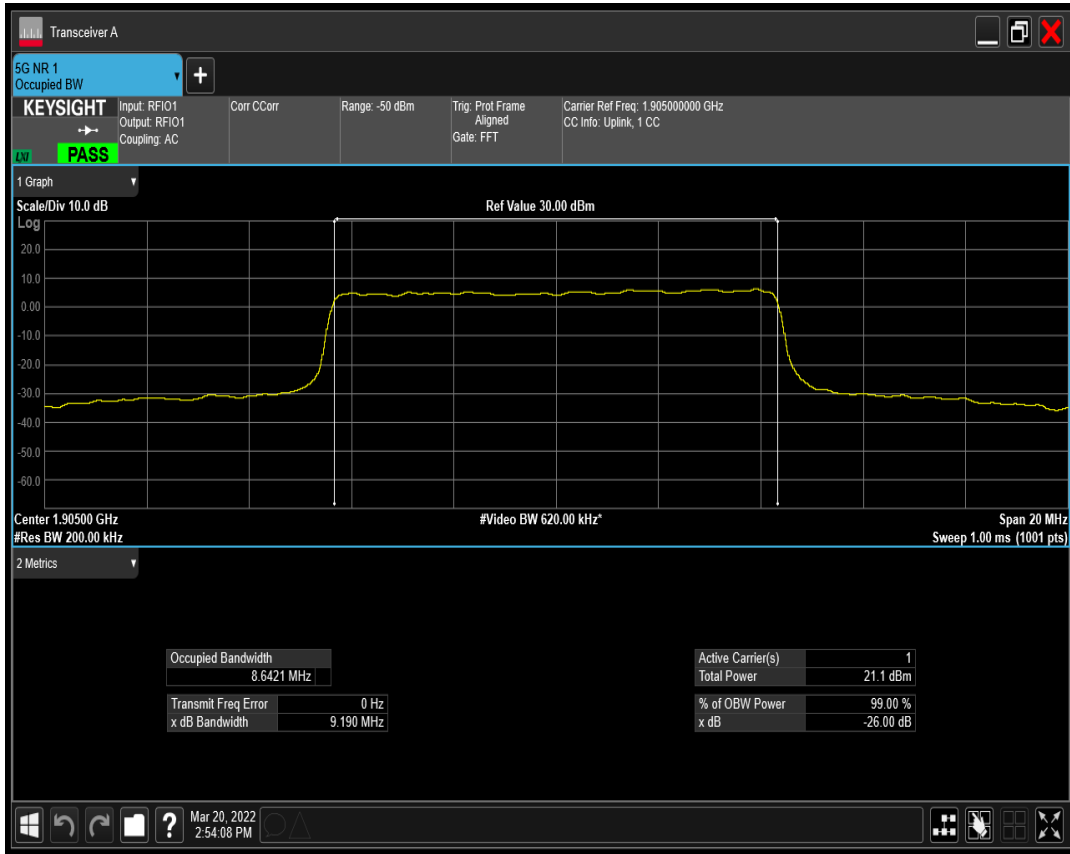
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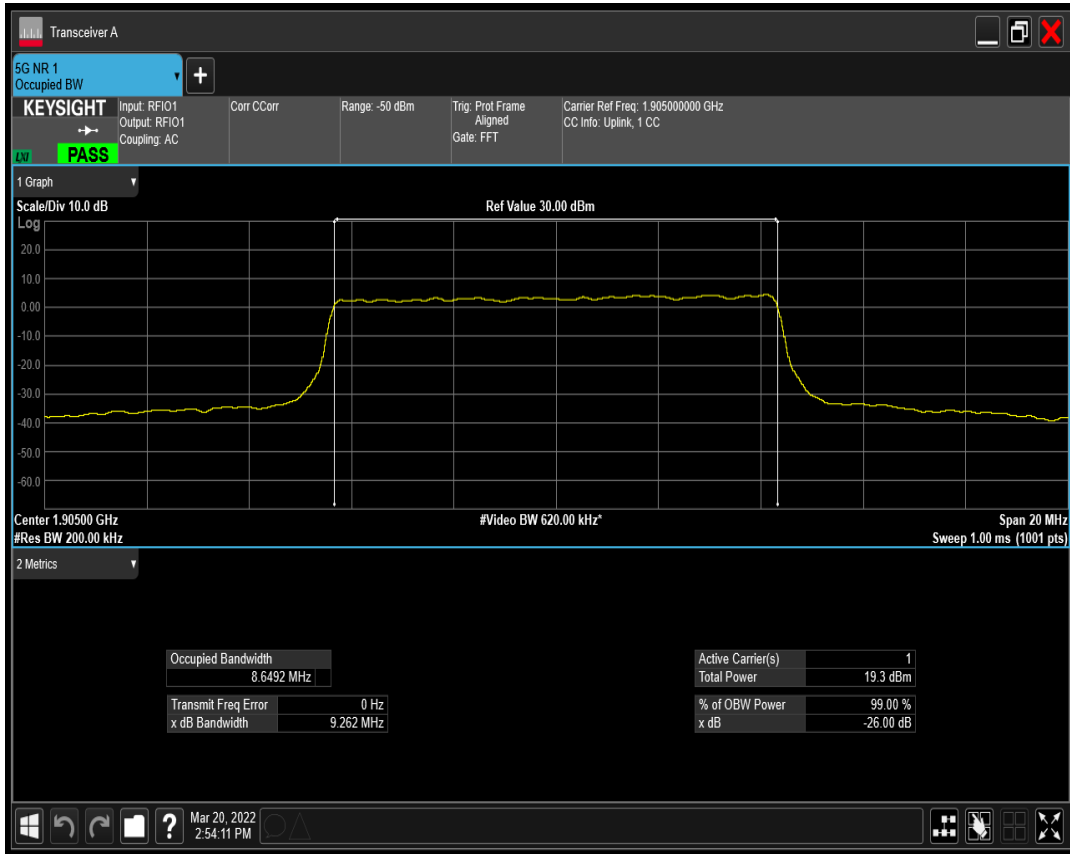
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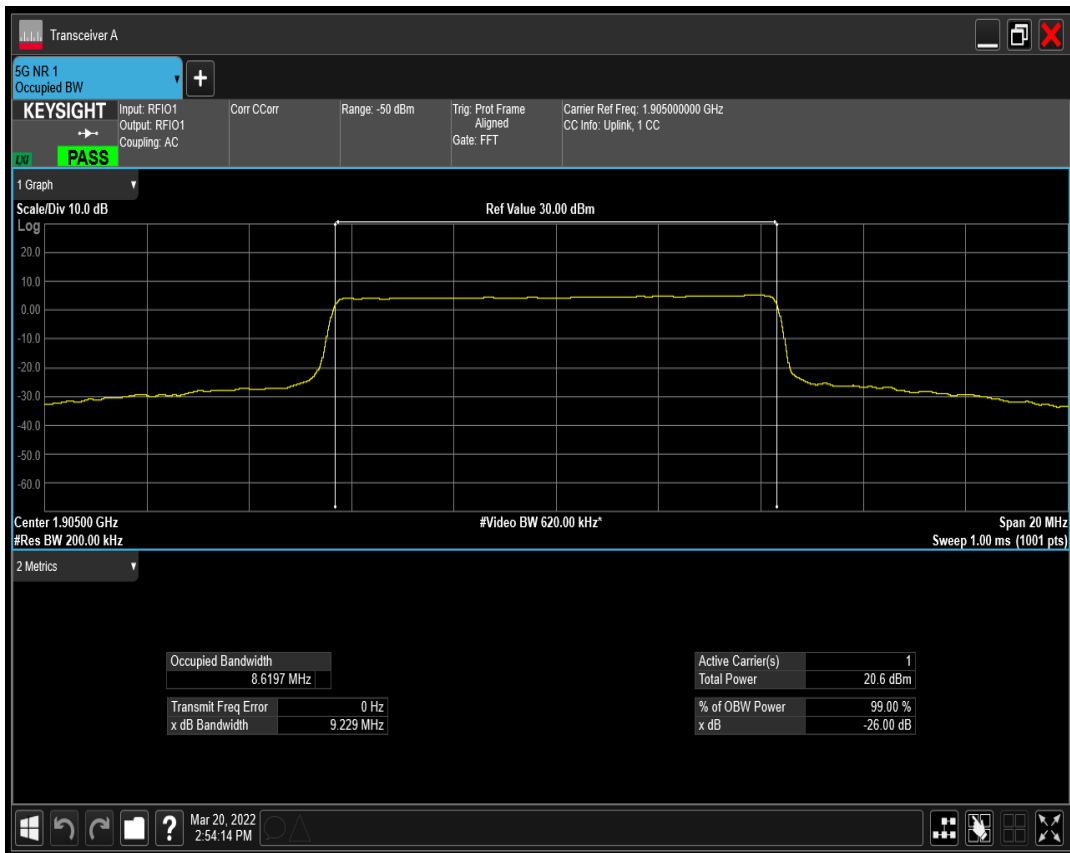
n2 SCS=30kHz DFT_QAM64 BW=10MHz Channel=381000 RB=24@0



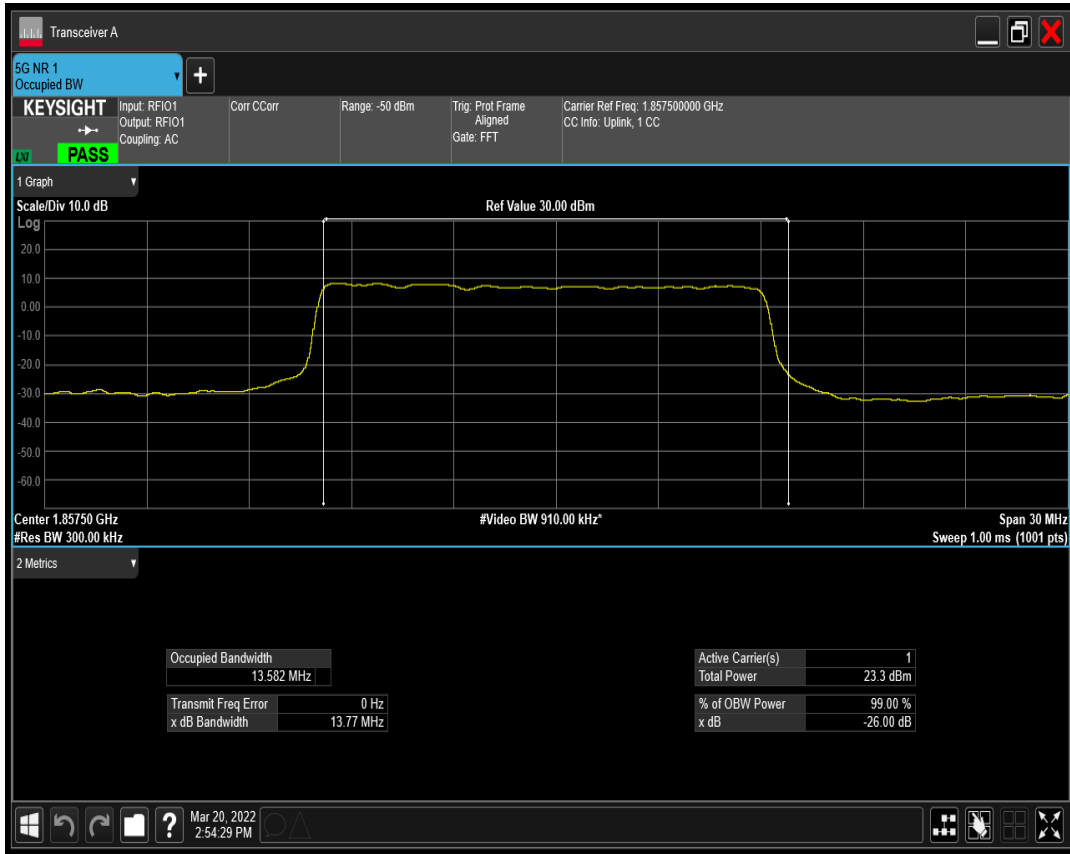
n2 SCS=30kHz DFT_QAM256 BW=10MHz Channel=381000 RB=24@0



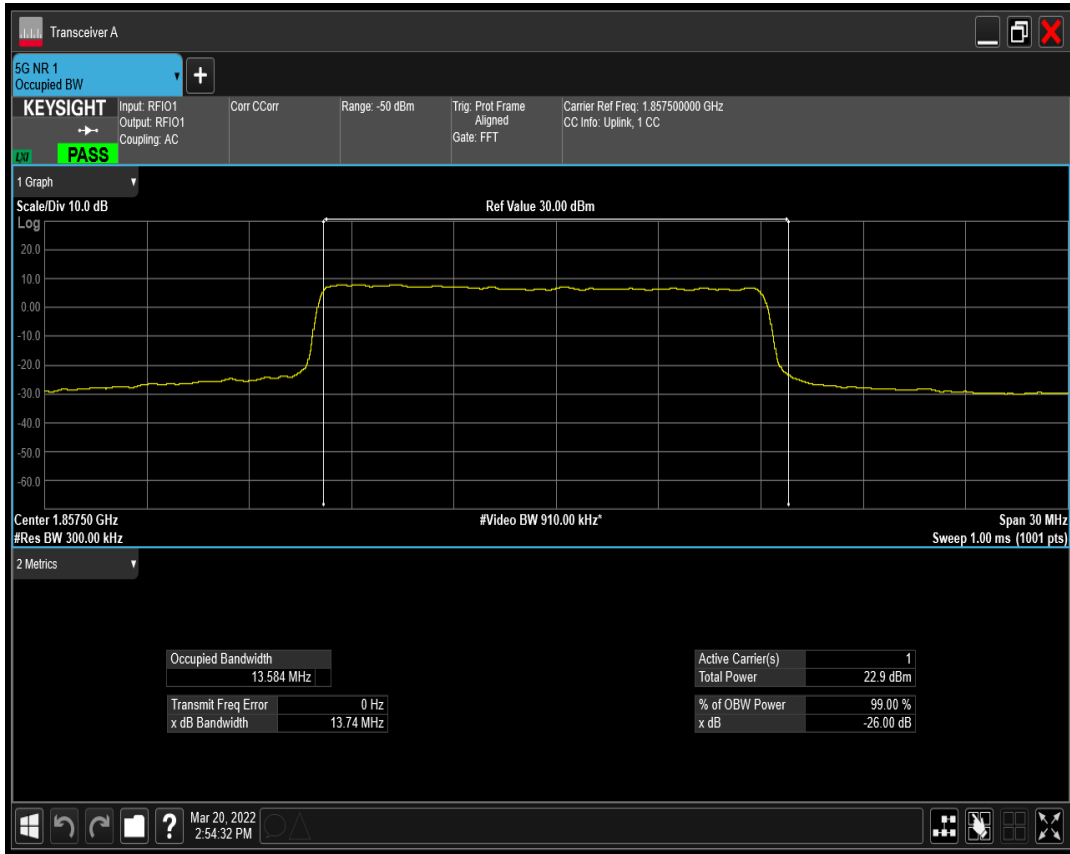
n2 SCS=30kHz CP_QPSK BW=10MHz Channel=381000 RB=24@0



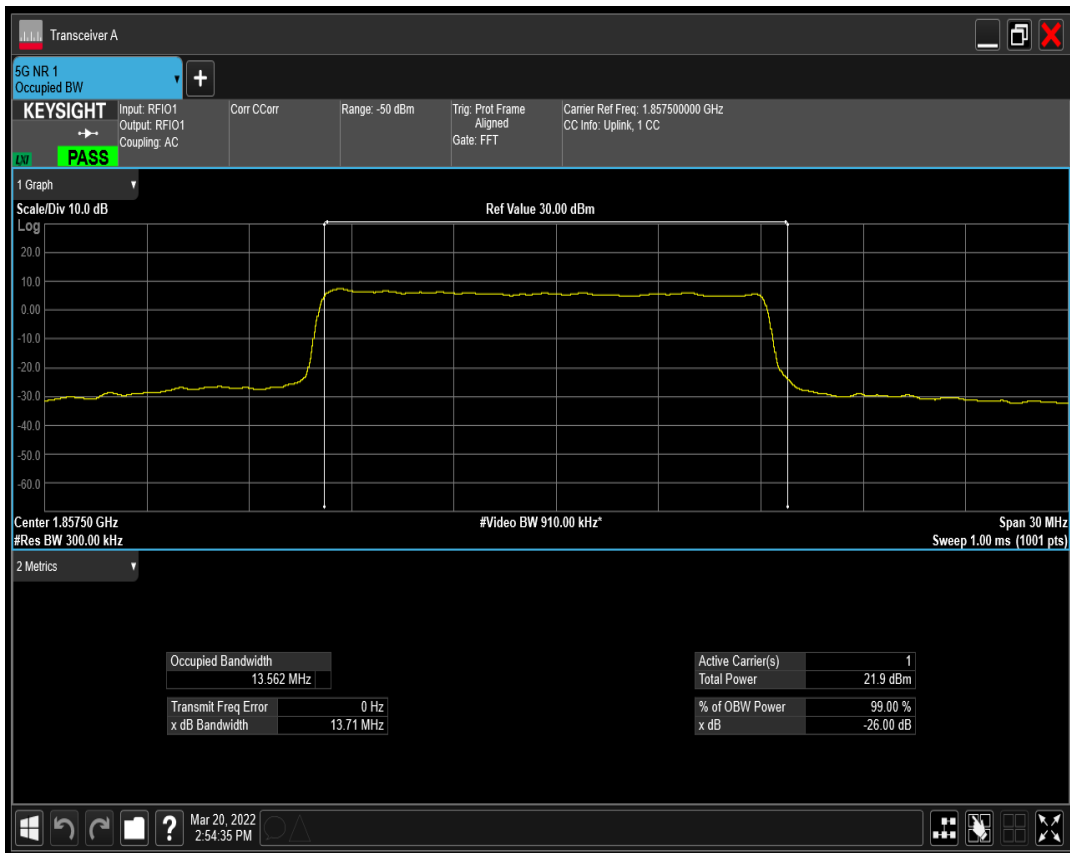
n2 SCS=30kHz DFT_BPSK BW=15MHz Channel=371500 RB=36@0



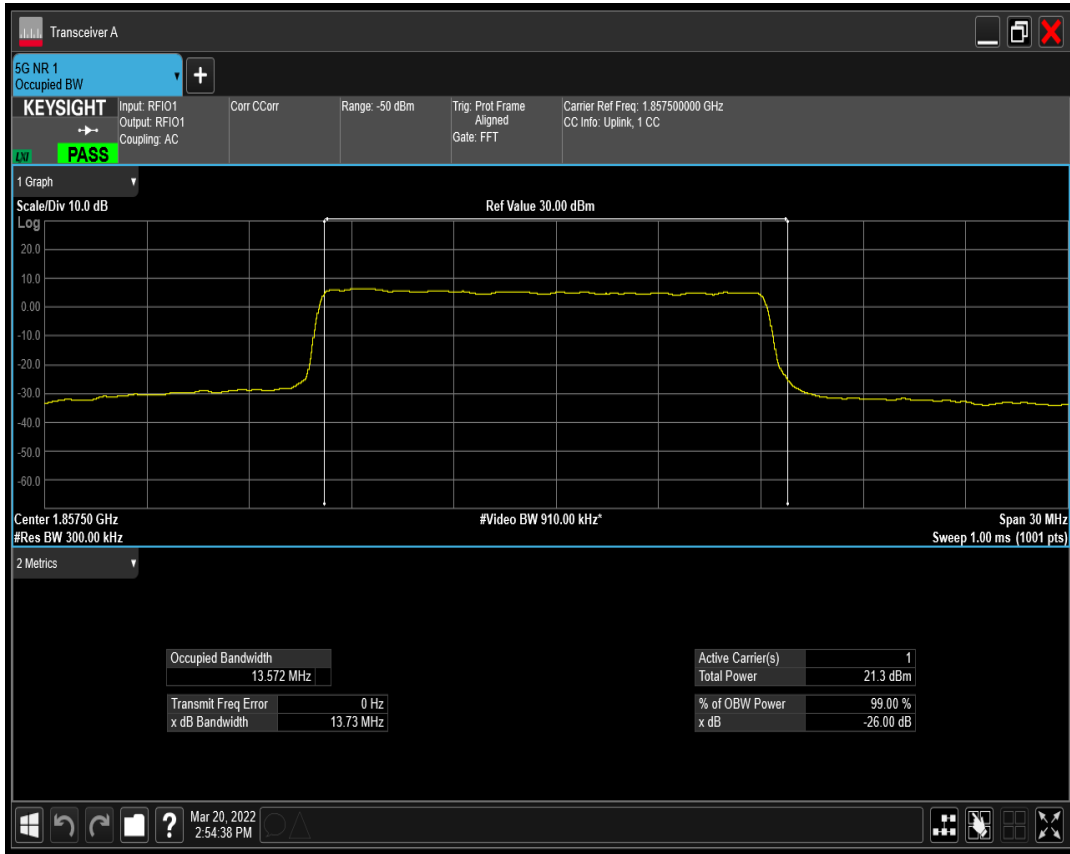
n2 SCS=30kHz DFT_QPSK BW=15MHz Channel=371500 RB=36@0



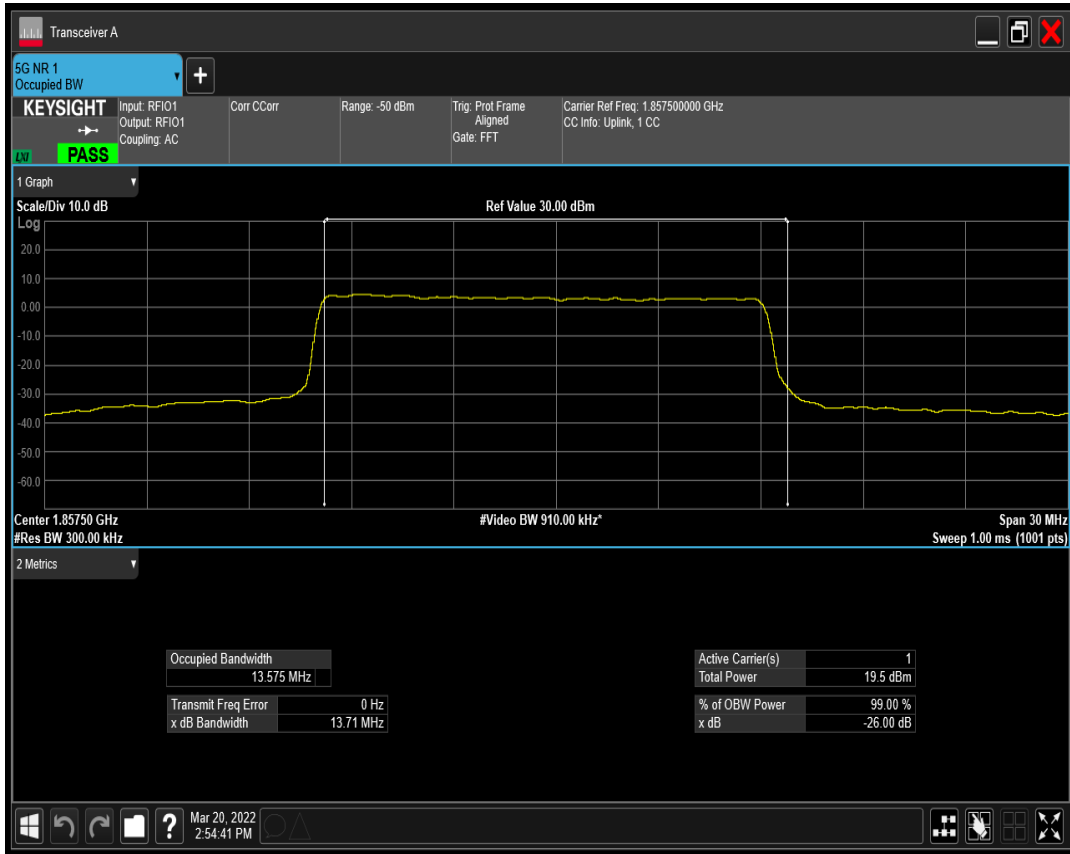
n2 SCS=30kHz DFT_QAM16 BW=15MHz Channel=371500 RB=36@0



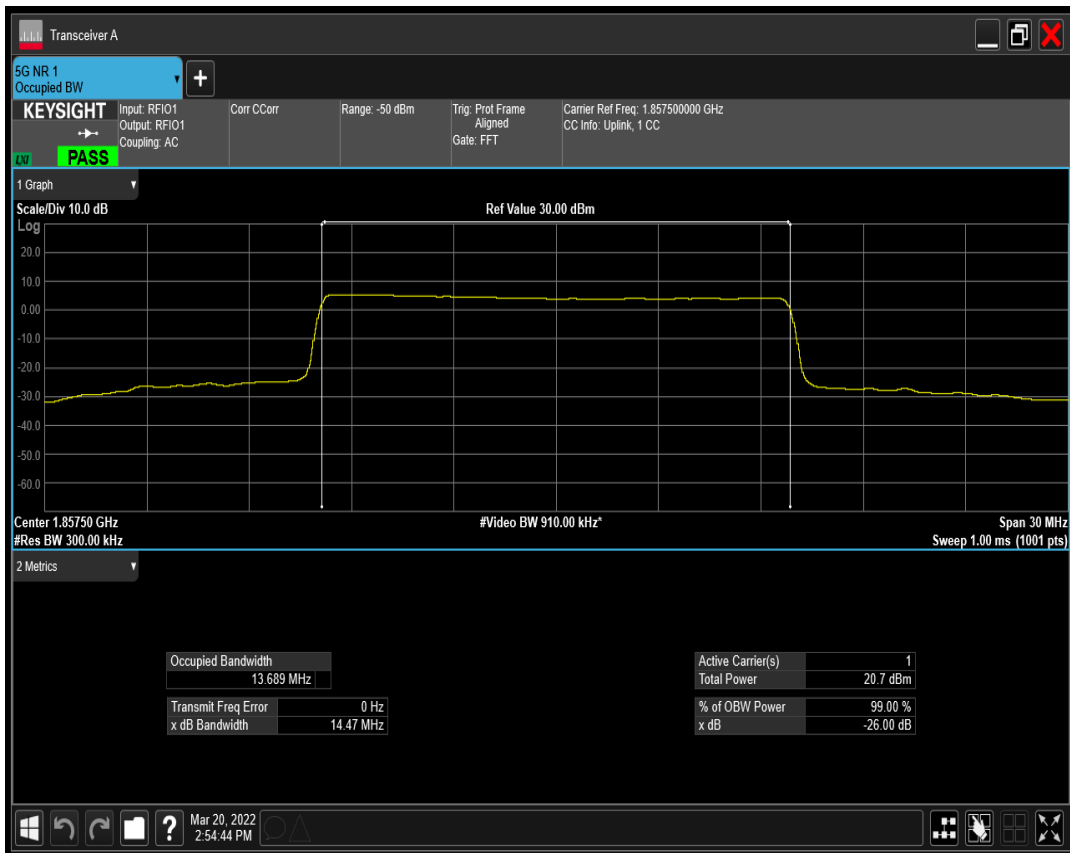
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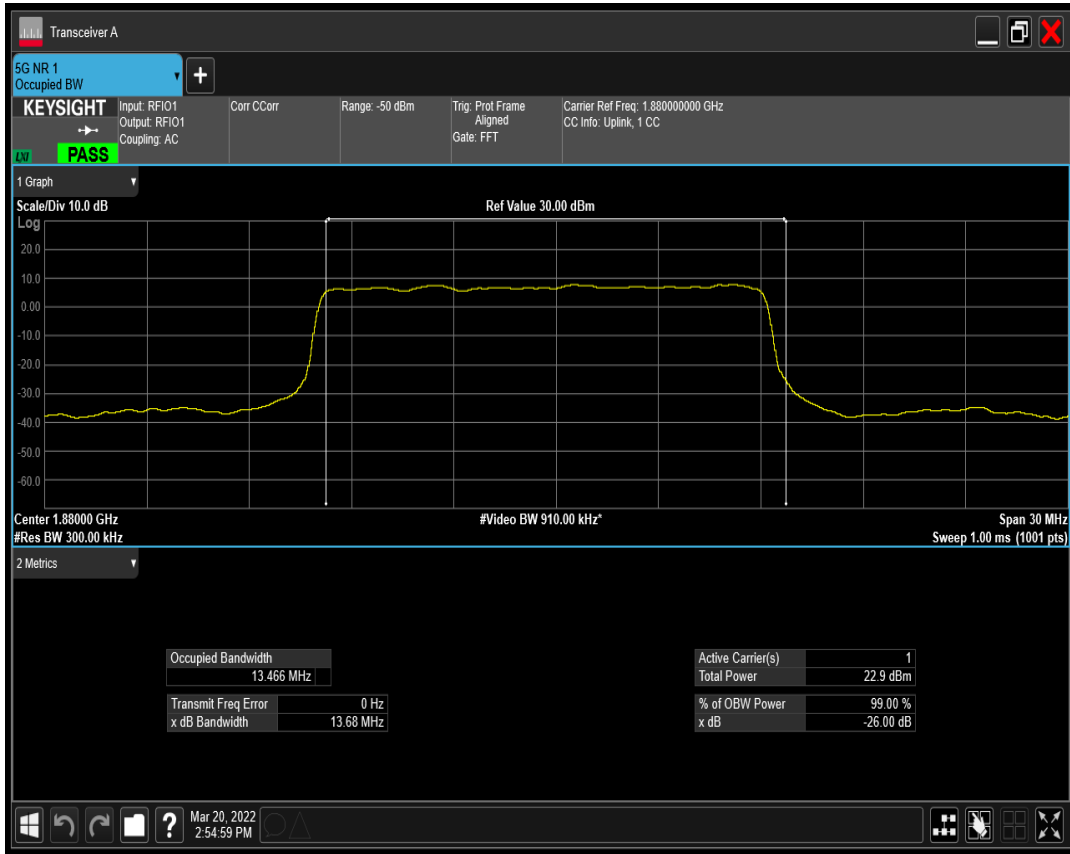
n2 SCS=30kHz DFT_QAM256 BW=15MHz Channel=371500 RB=36@0



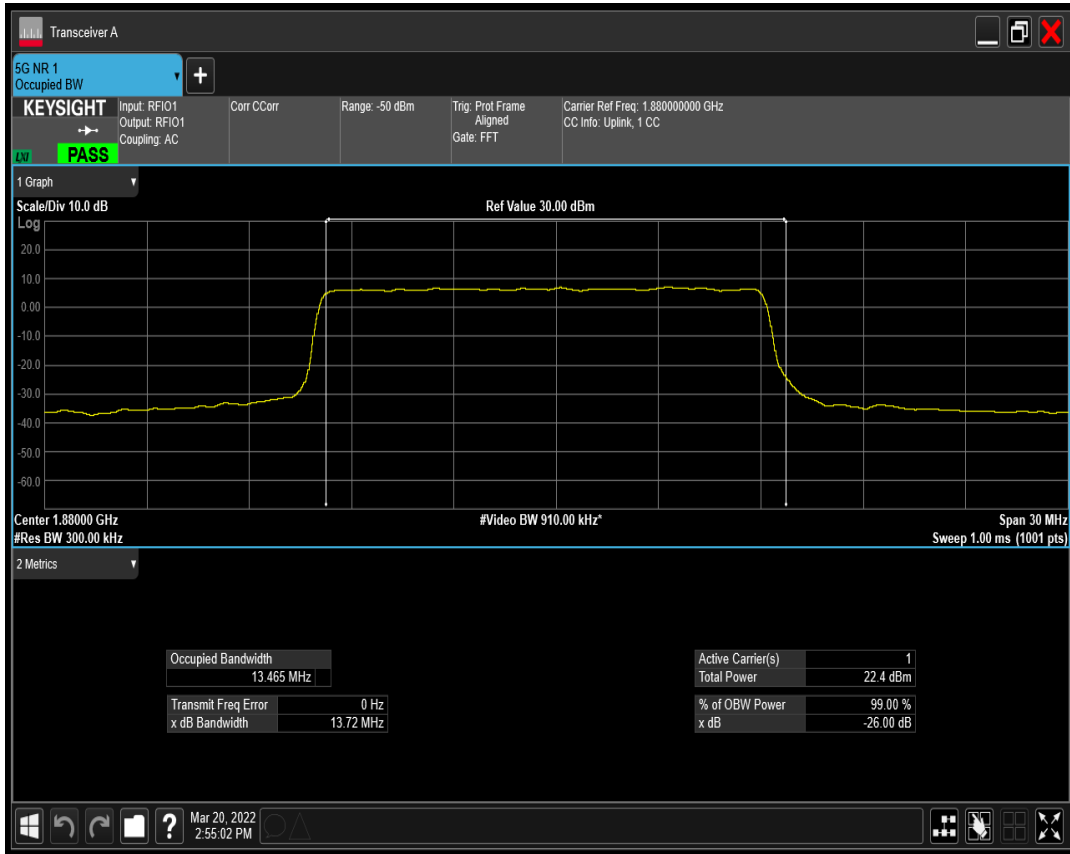
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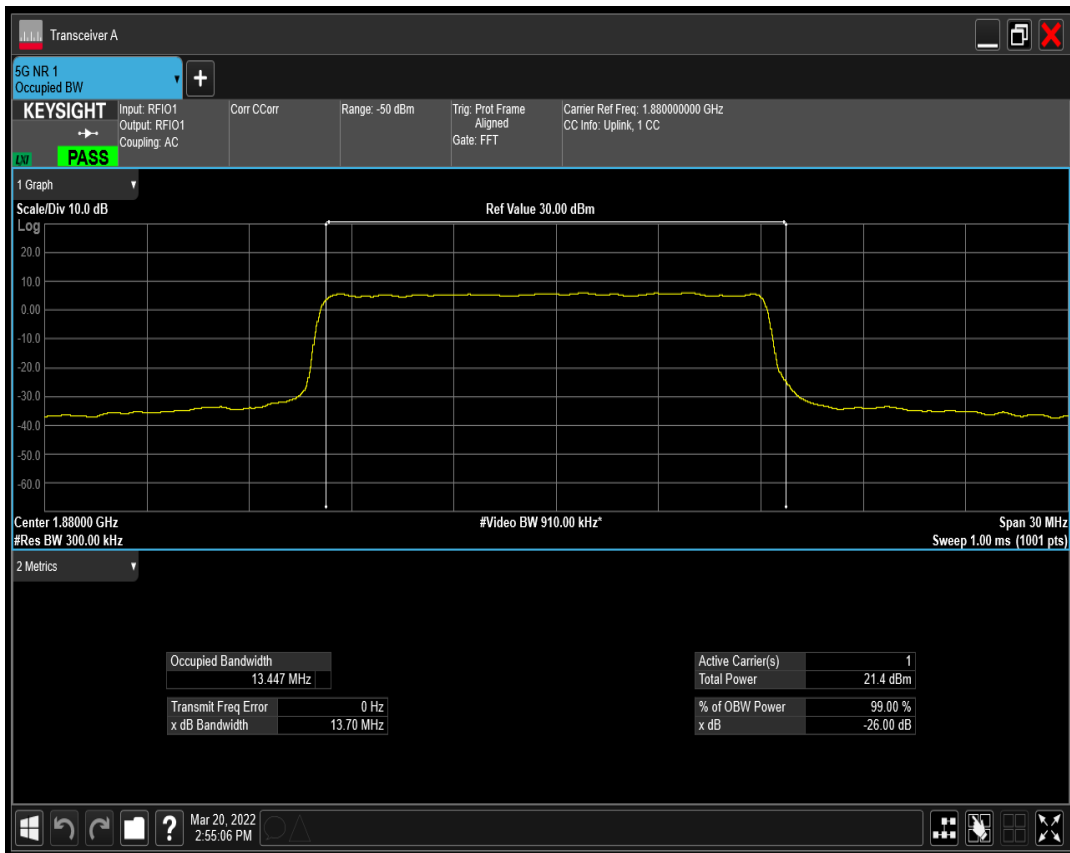
n2 SCS=30kHz DFT_BPSK BW=15MHz Channel=376000 RB=36@0



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



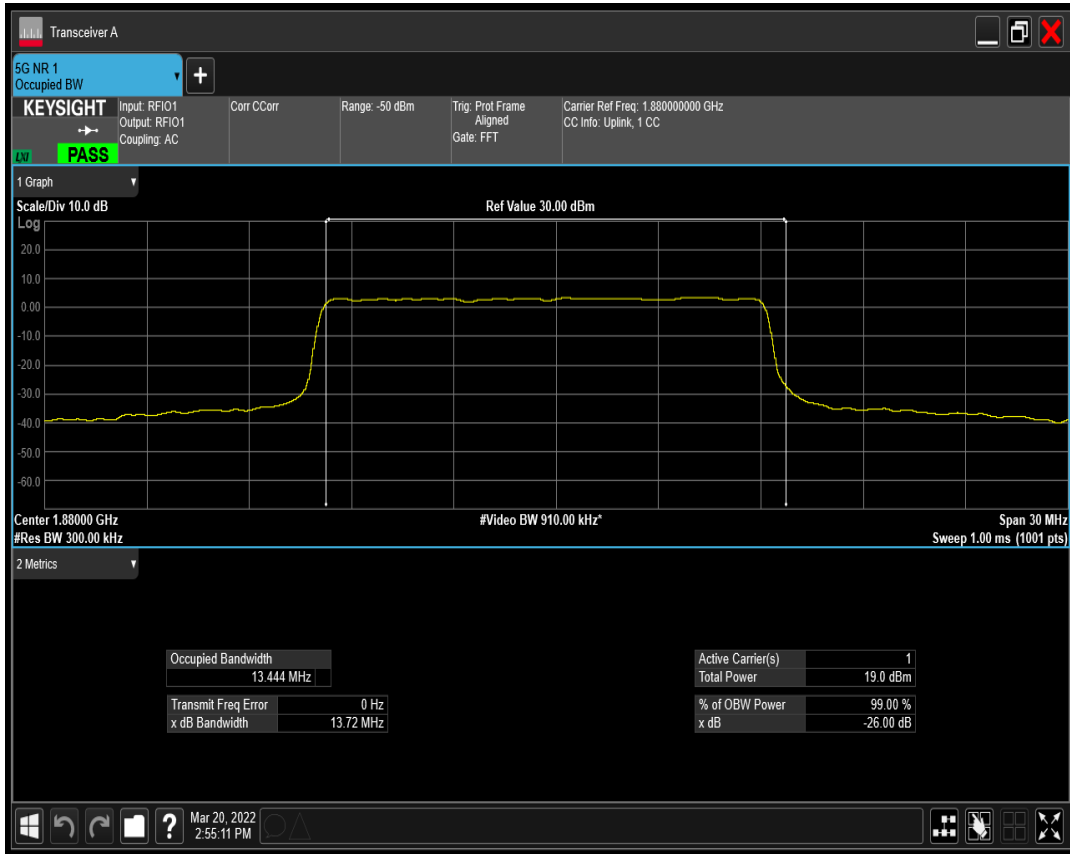
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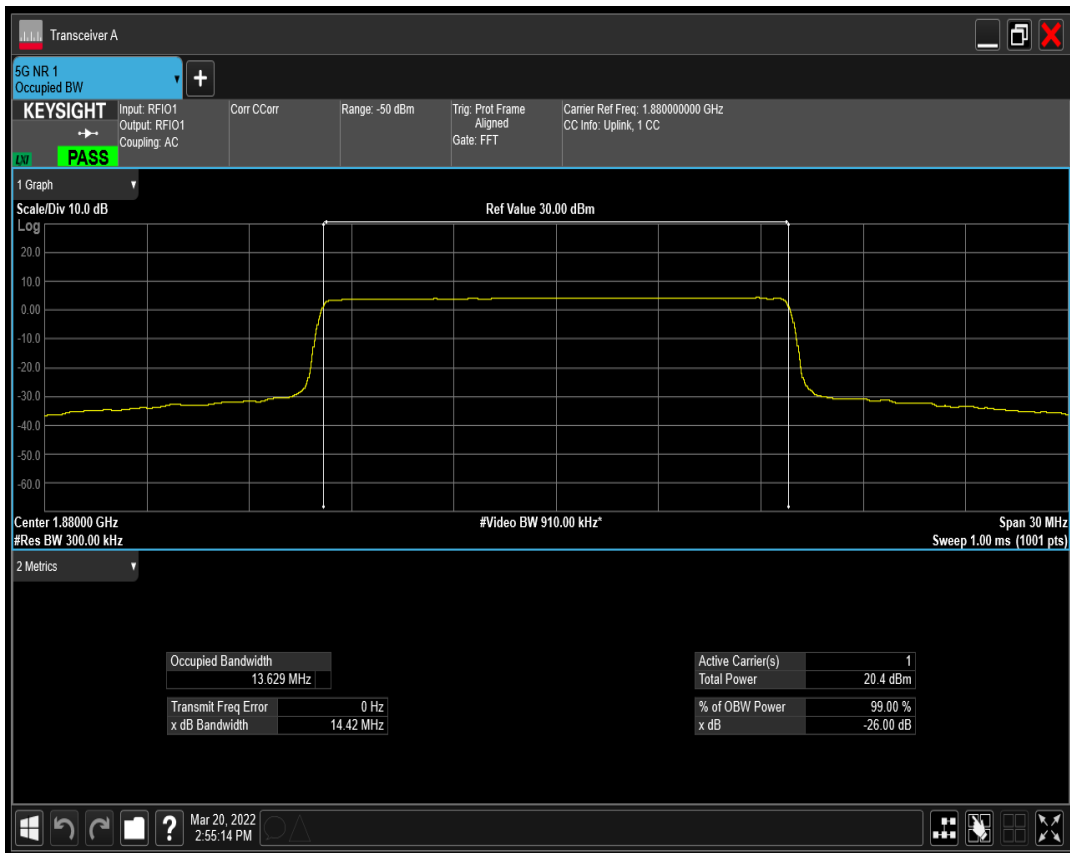
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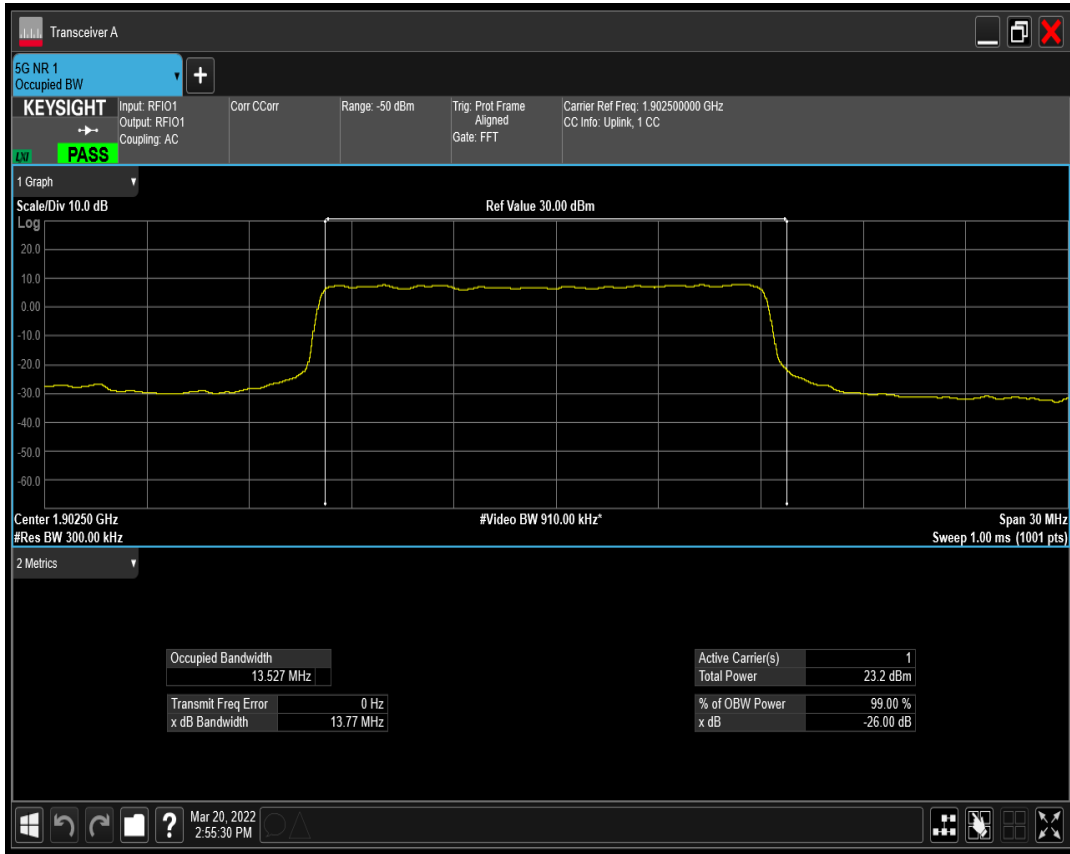
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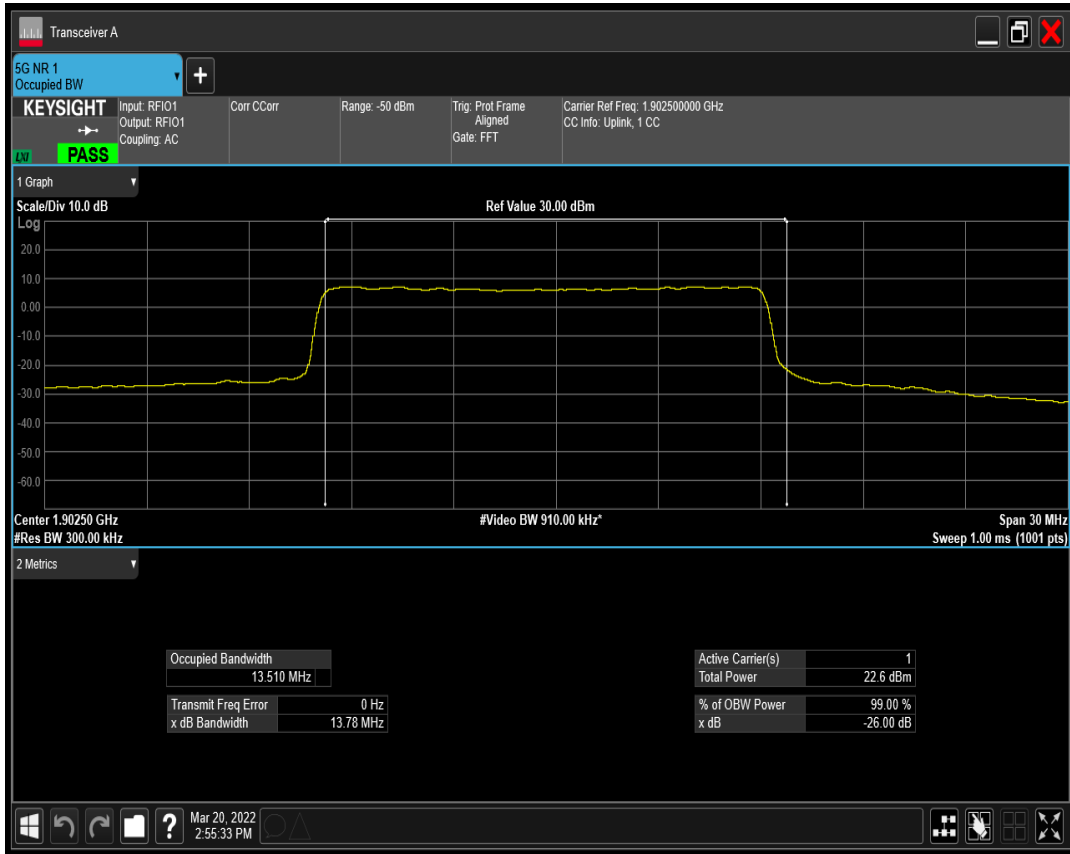
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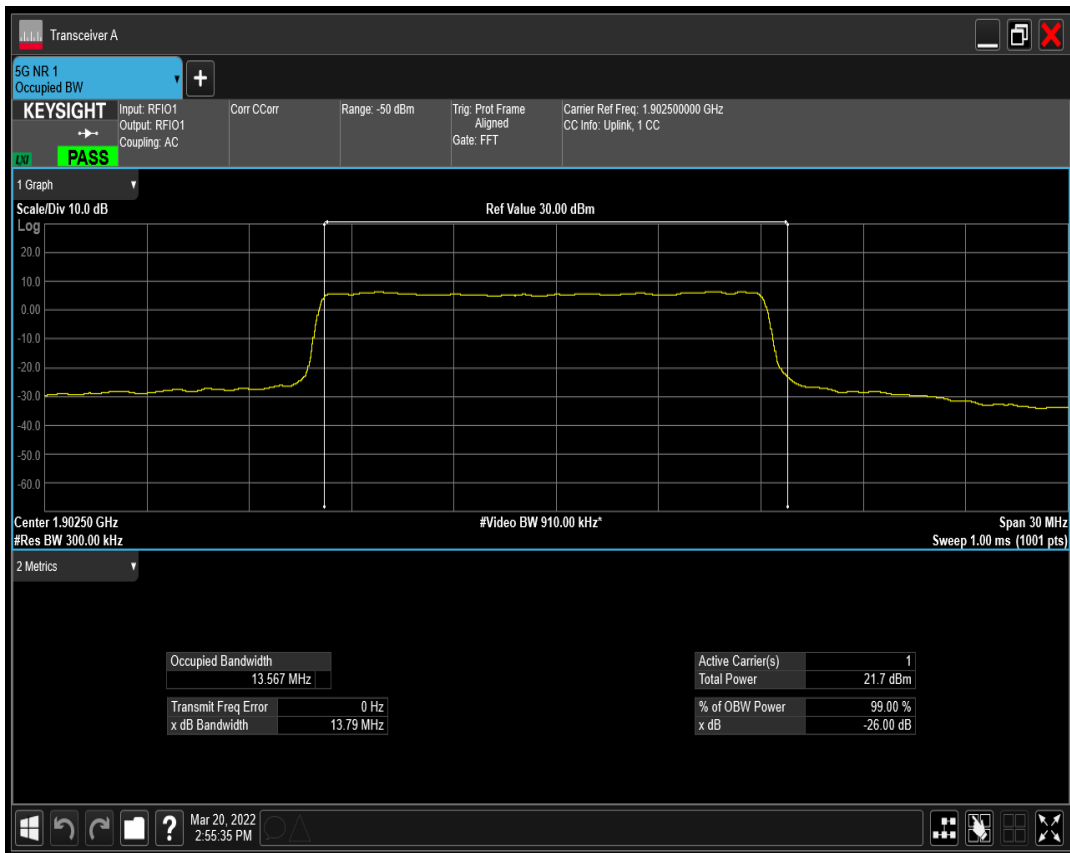
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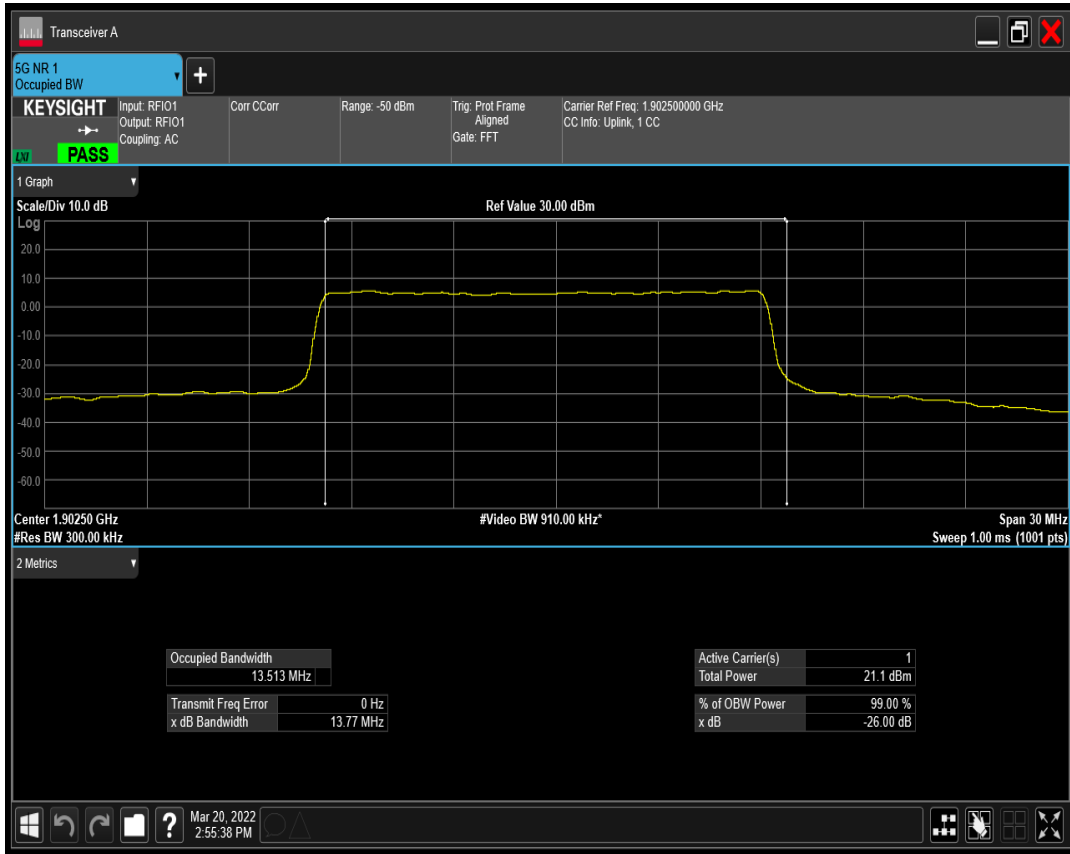
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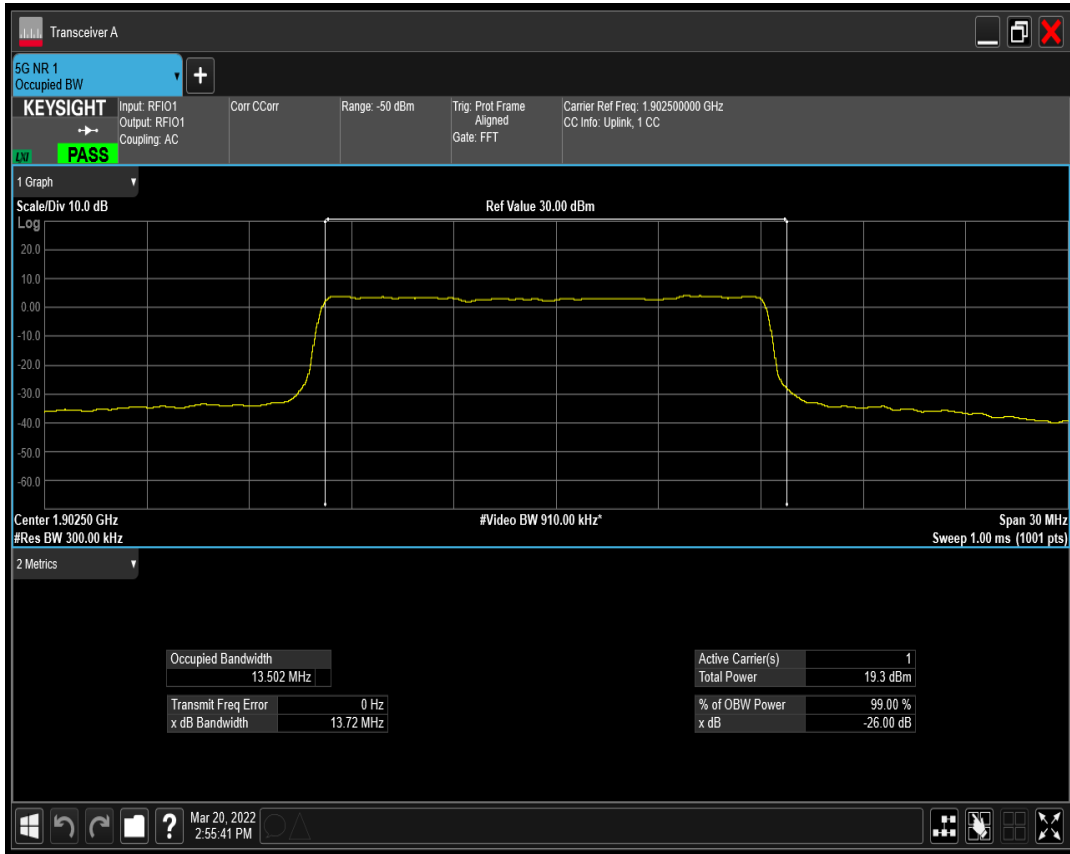
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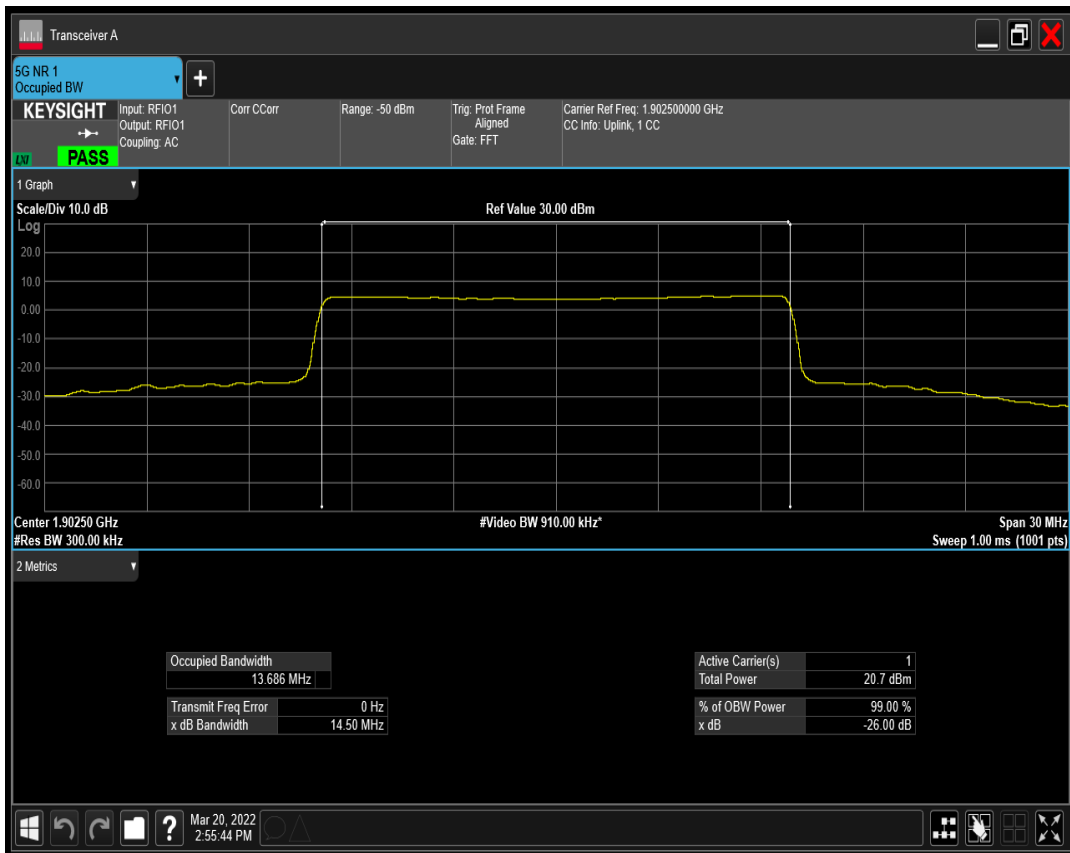
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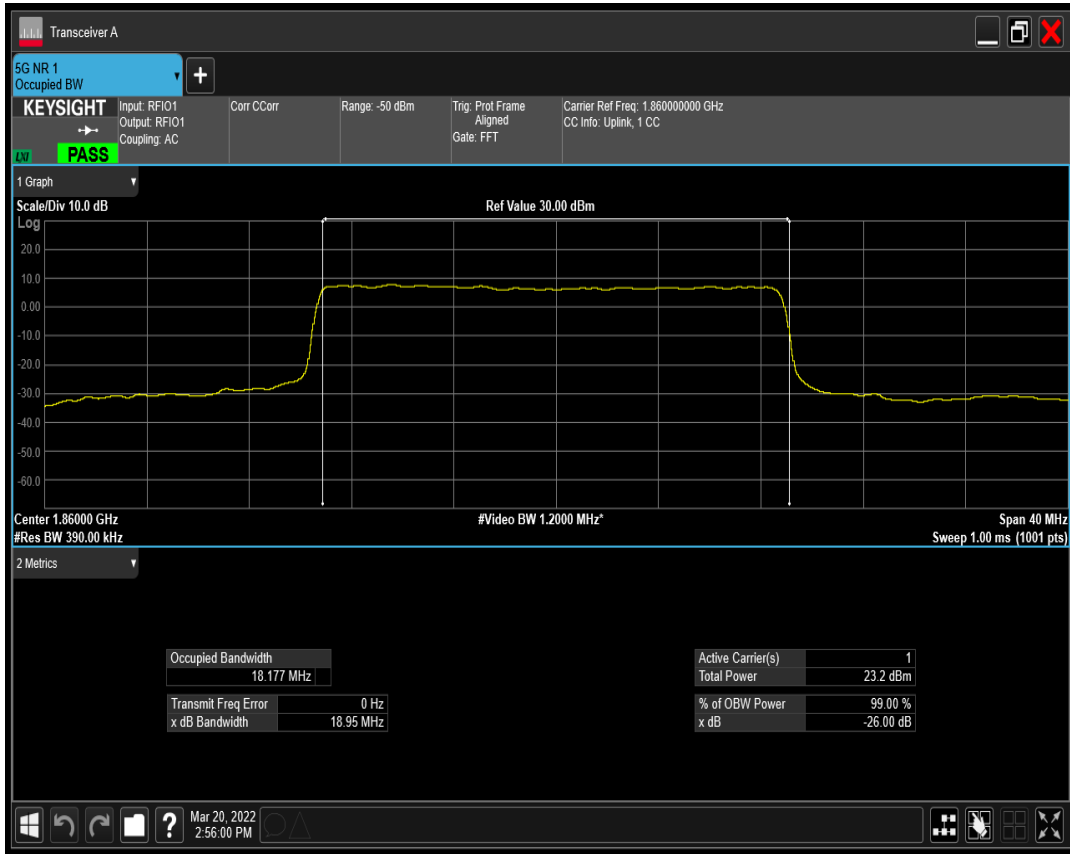
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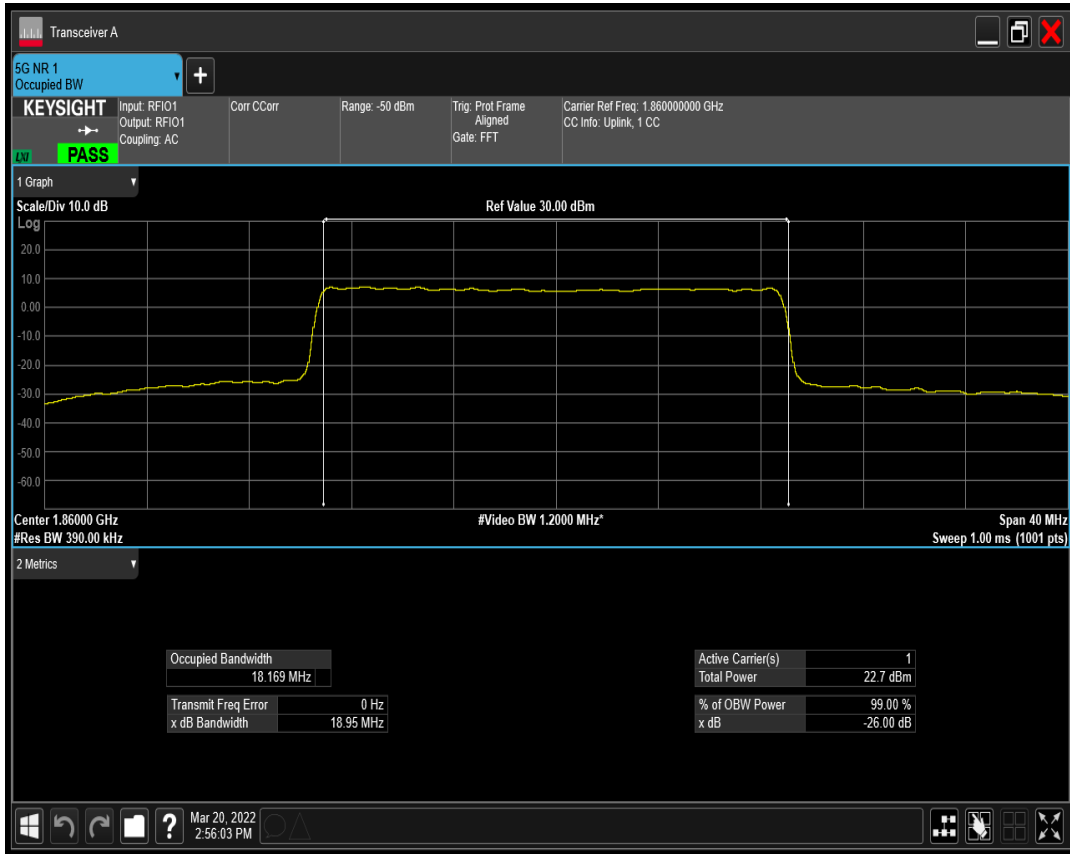
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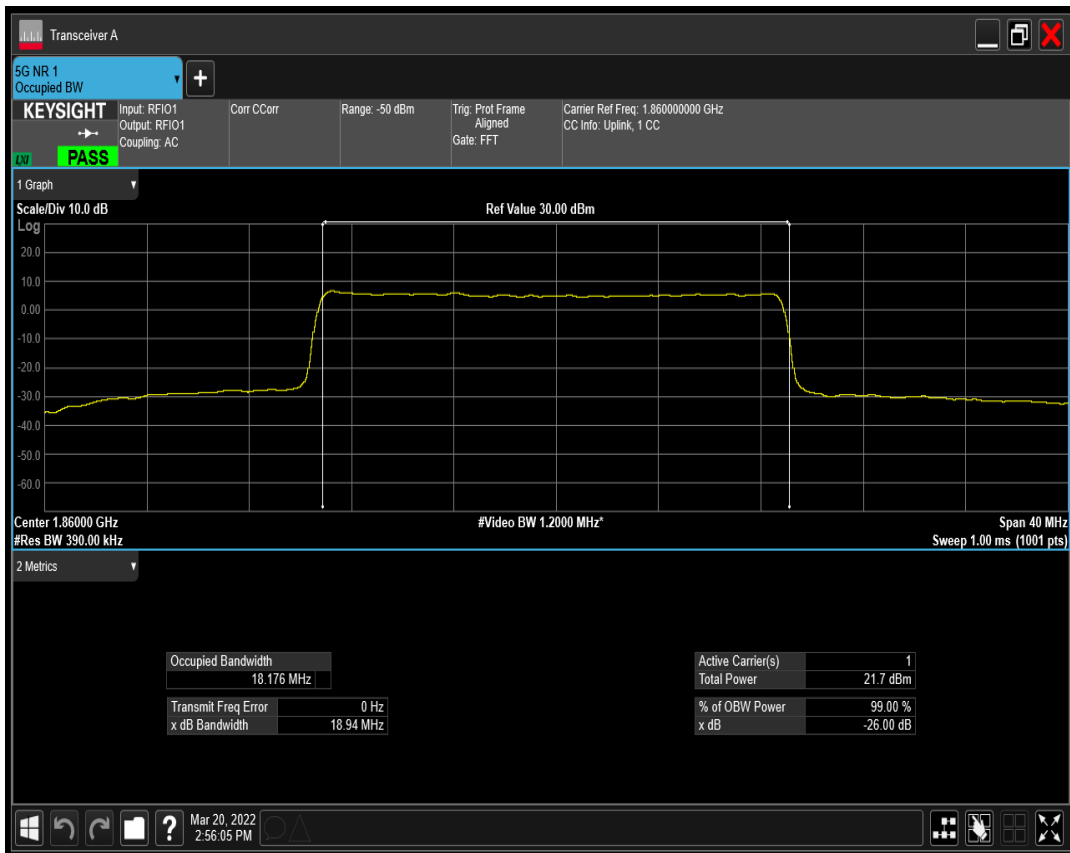
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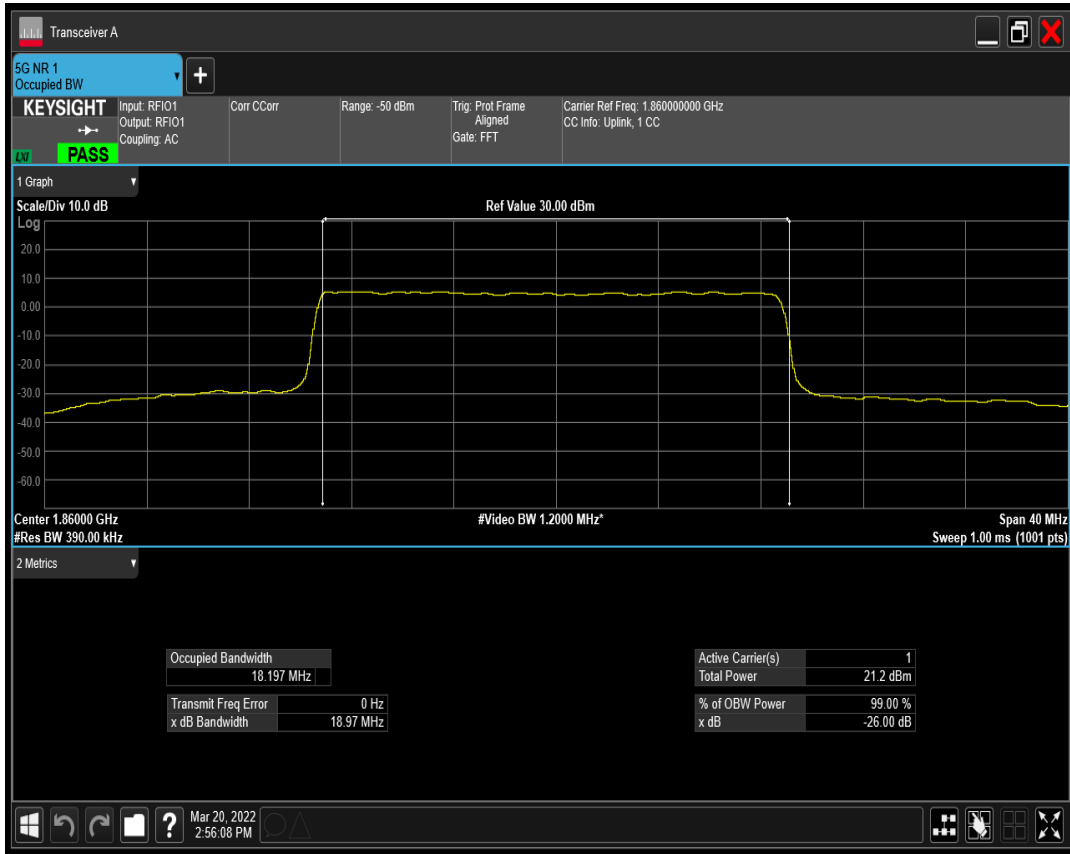
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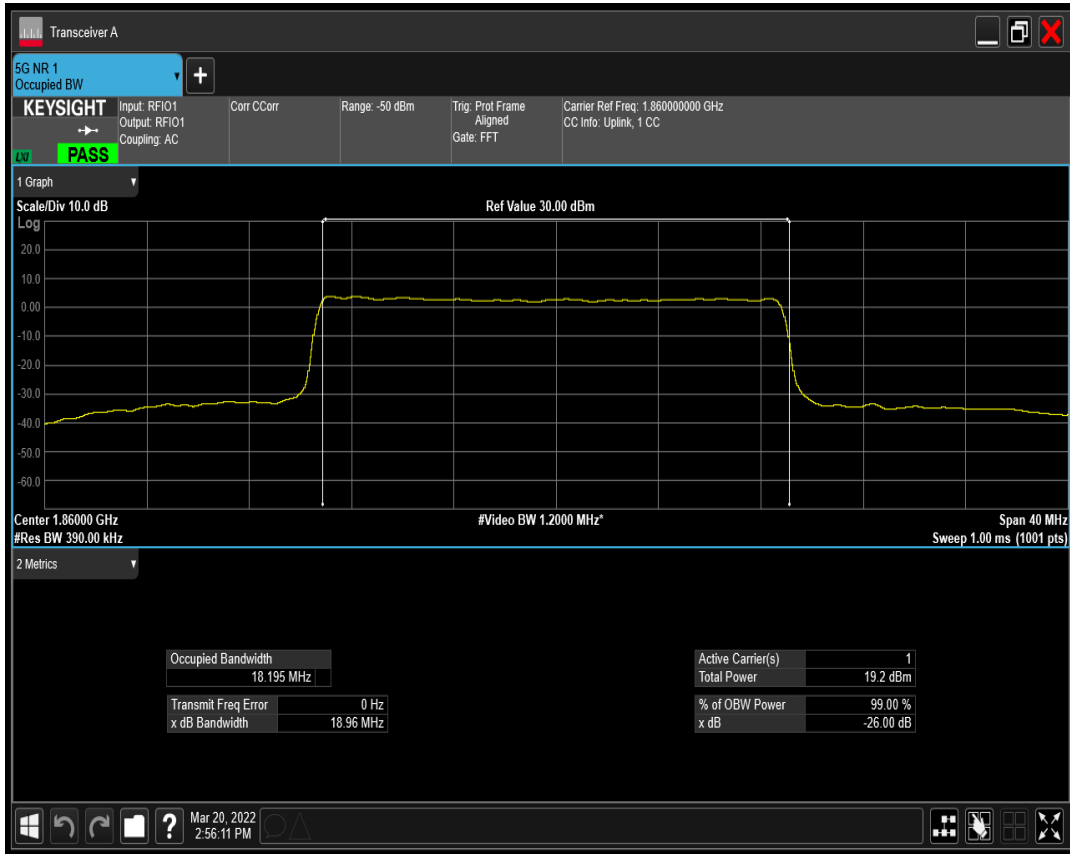
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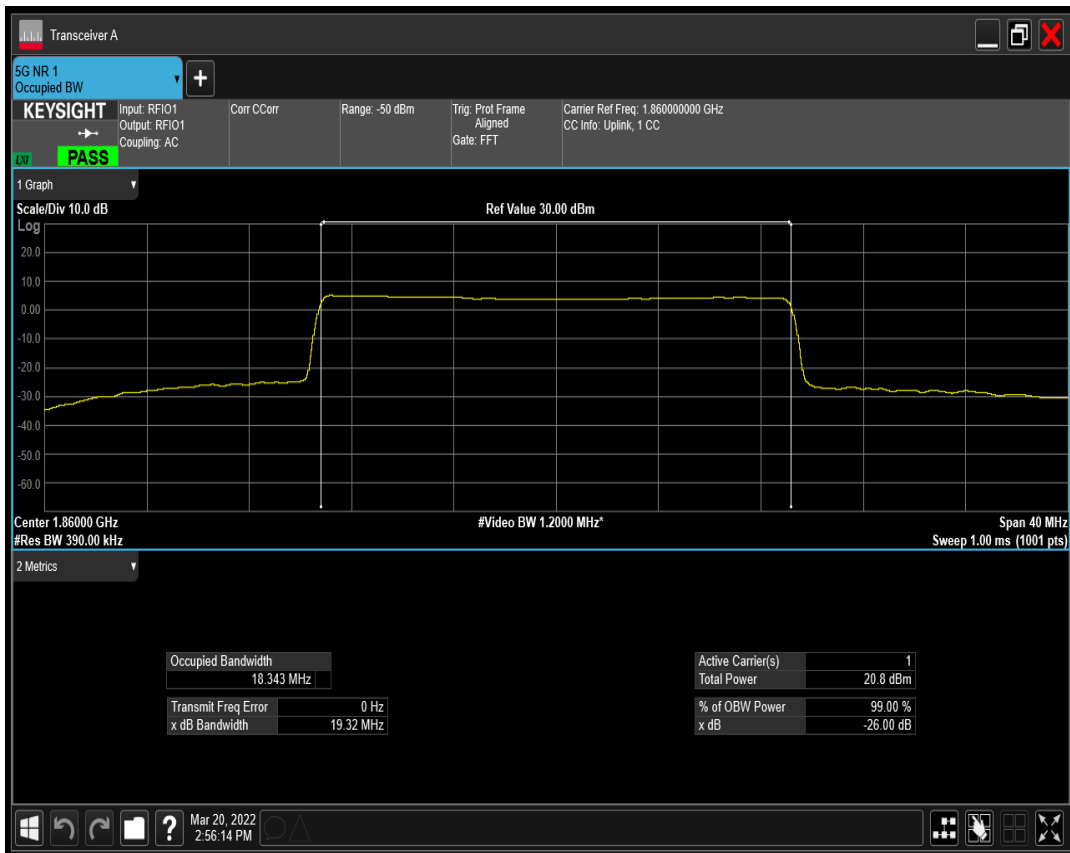
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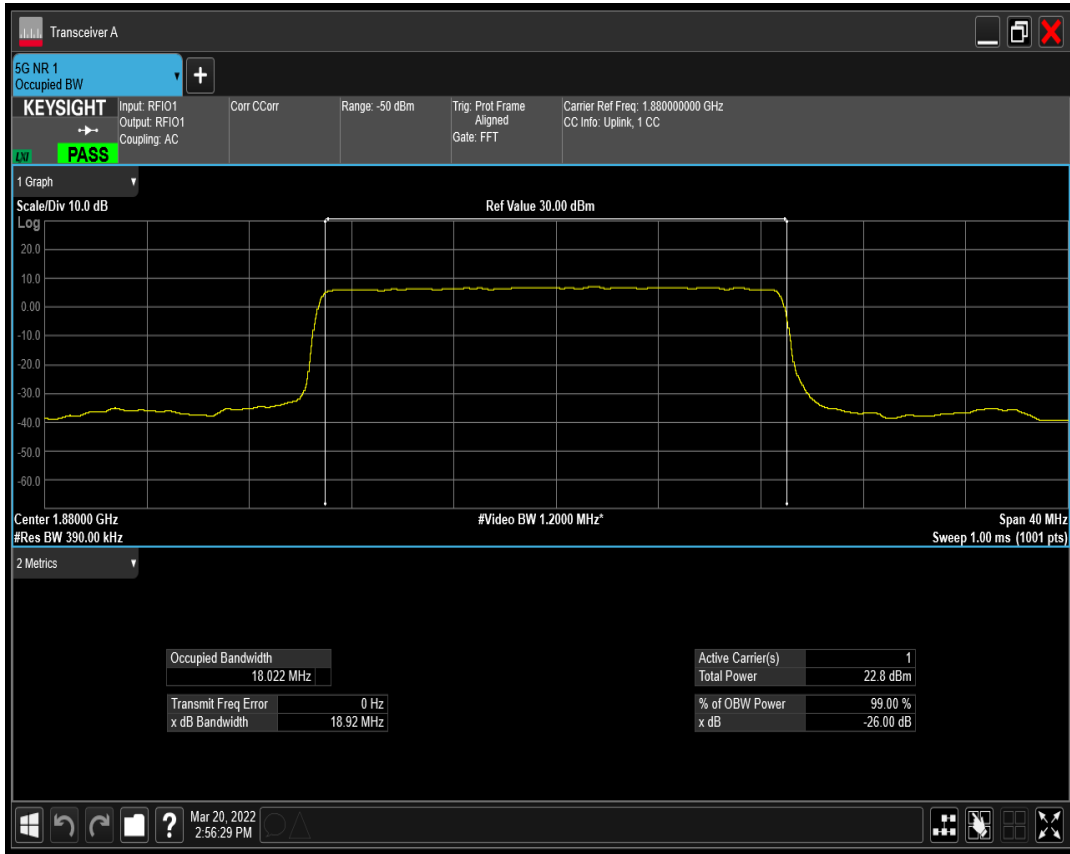
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n2 SCS=30kHz CP_QPSK BW=20MHz Channel=372000 RB=51 @0



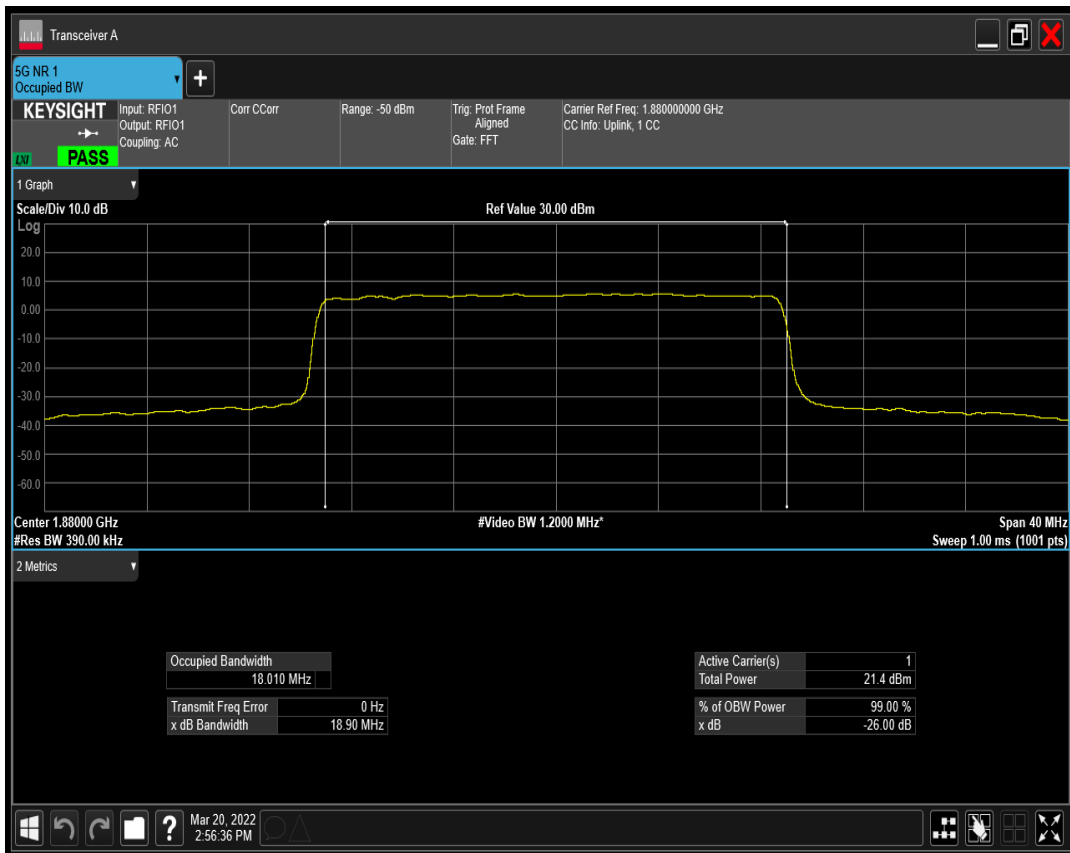
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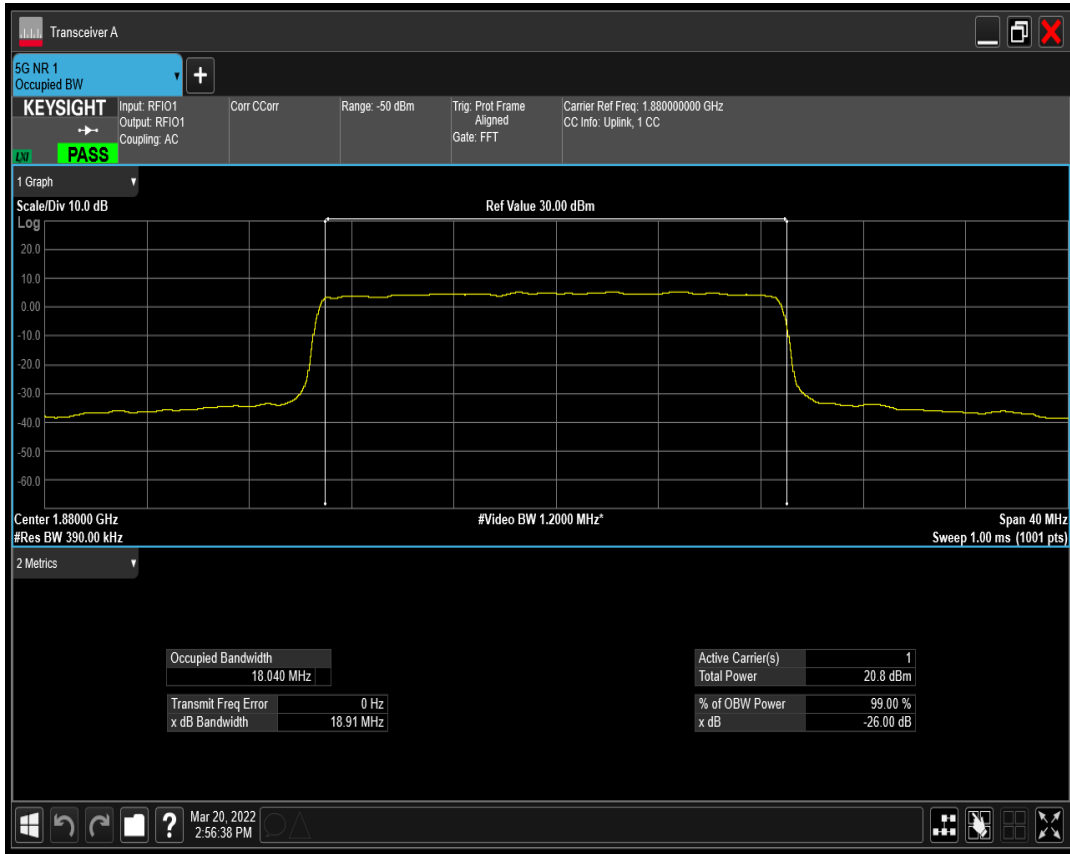
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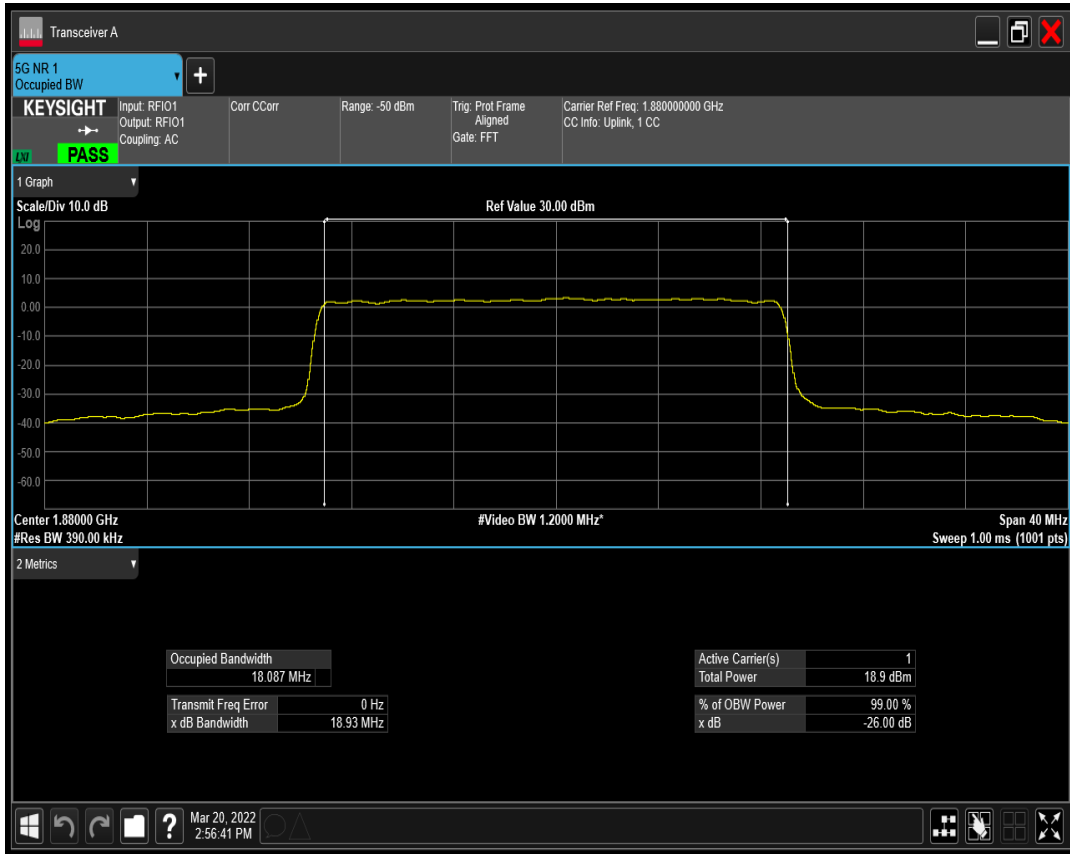
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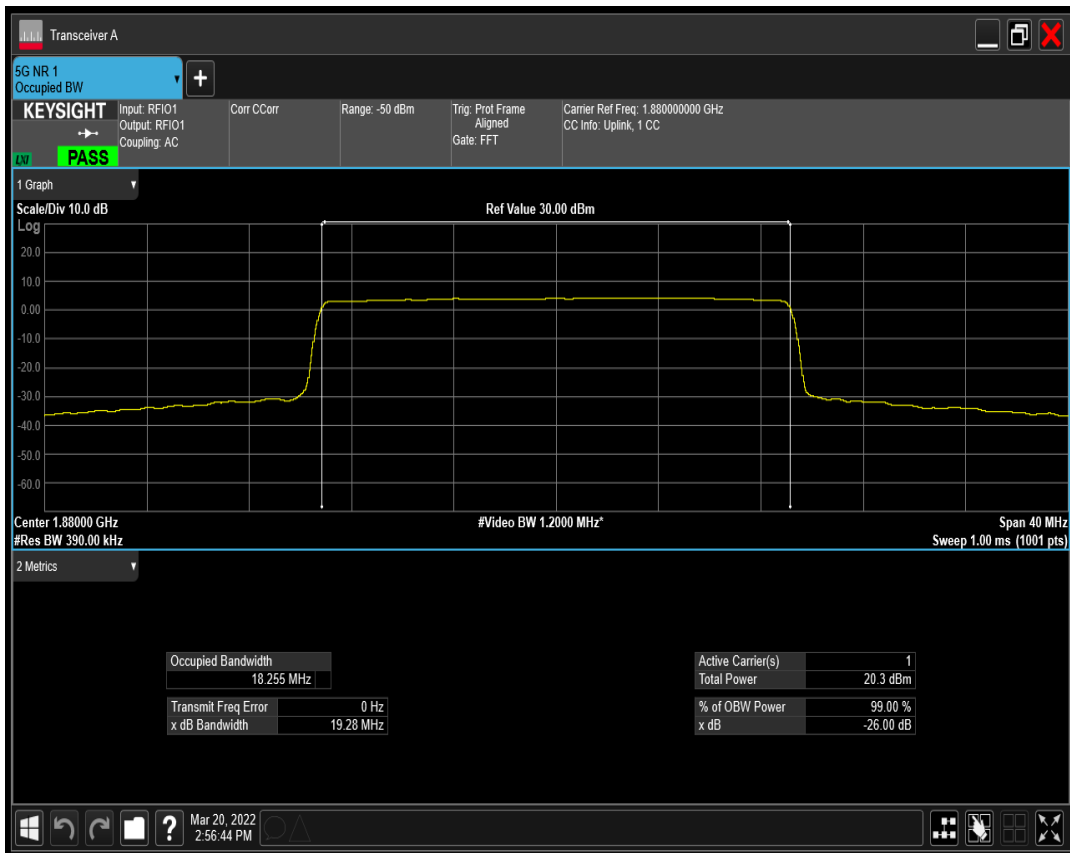
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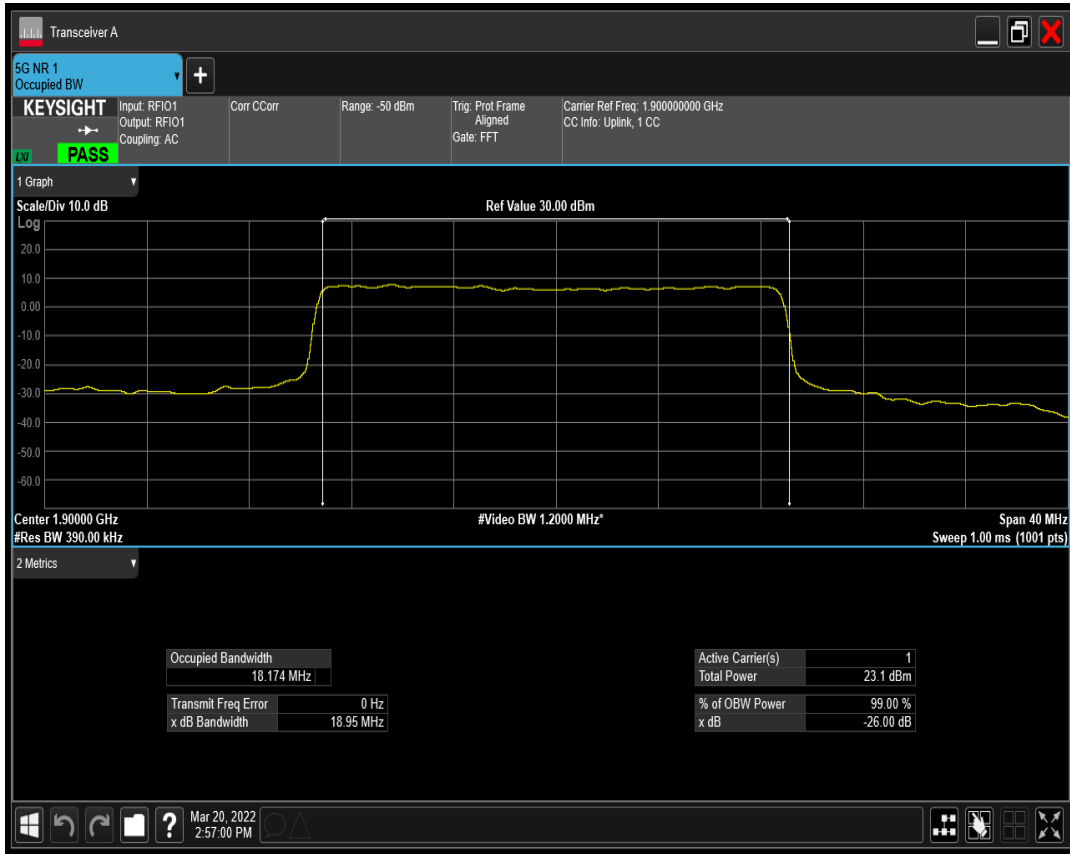
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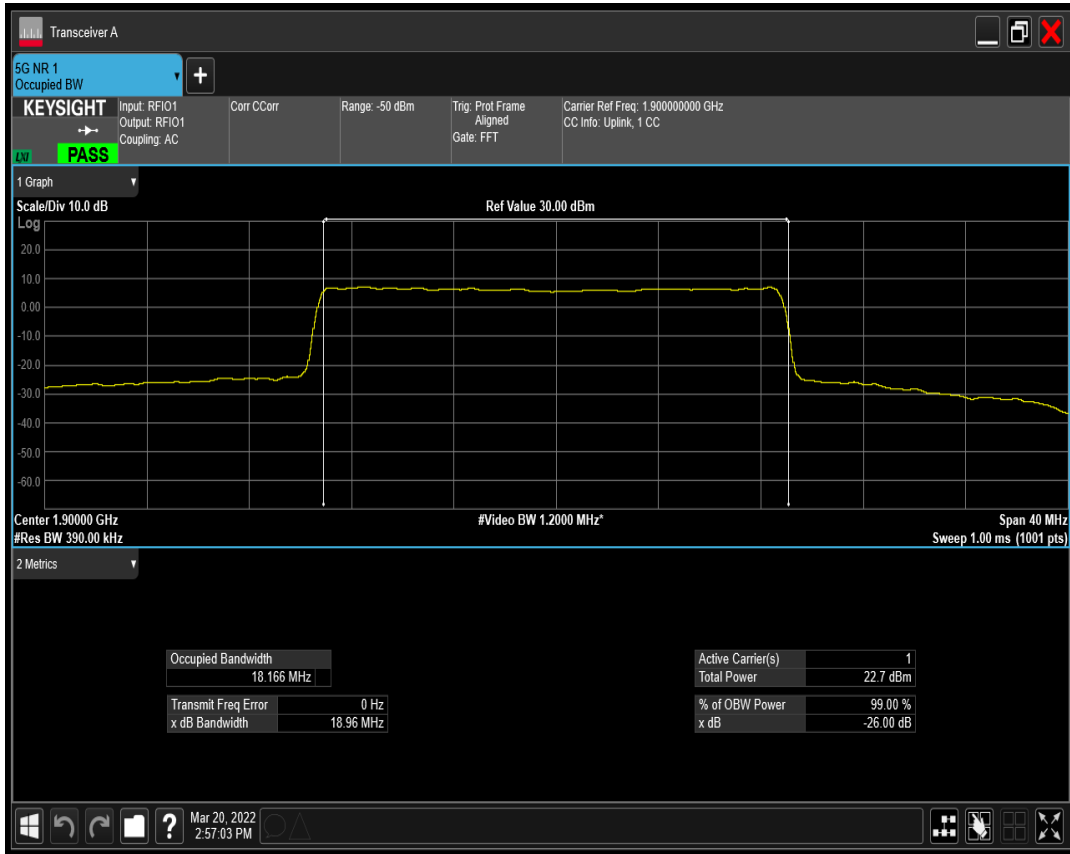
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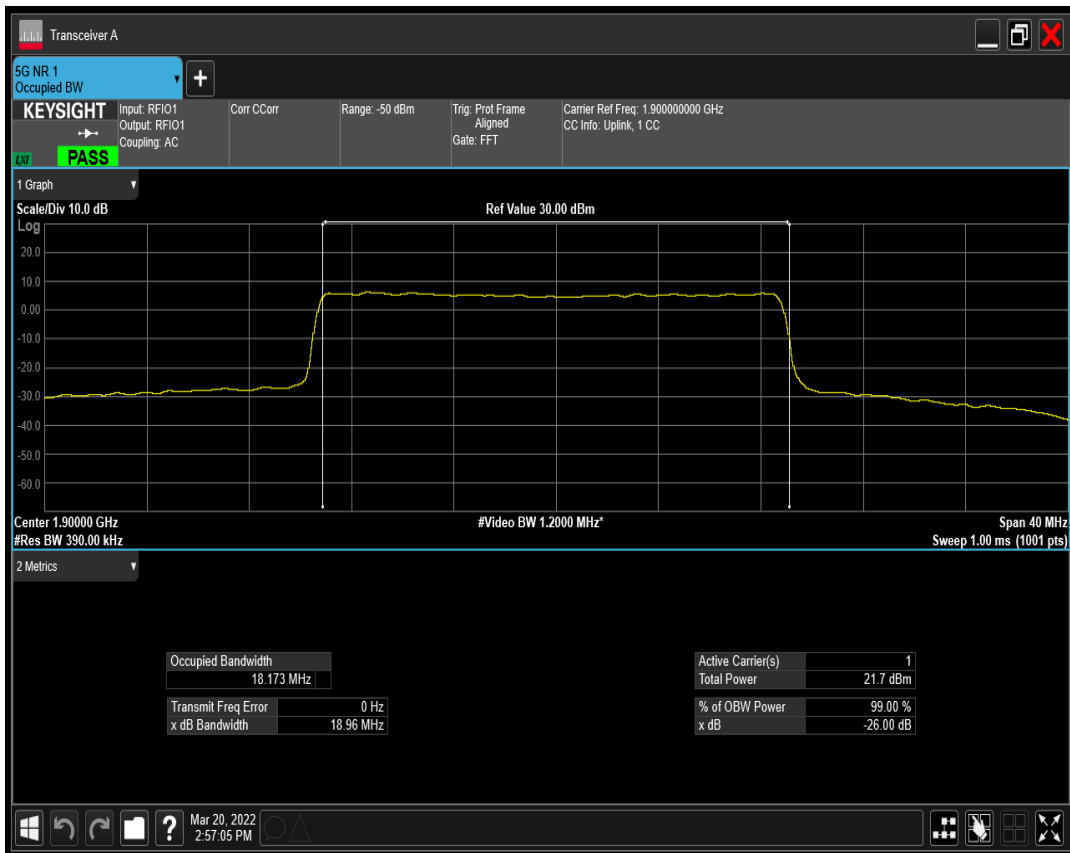
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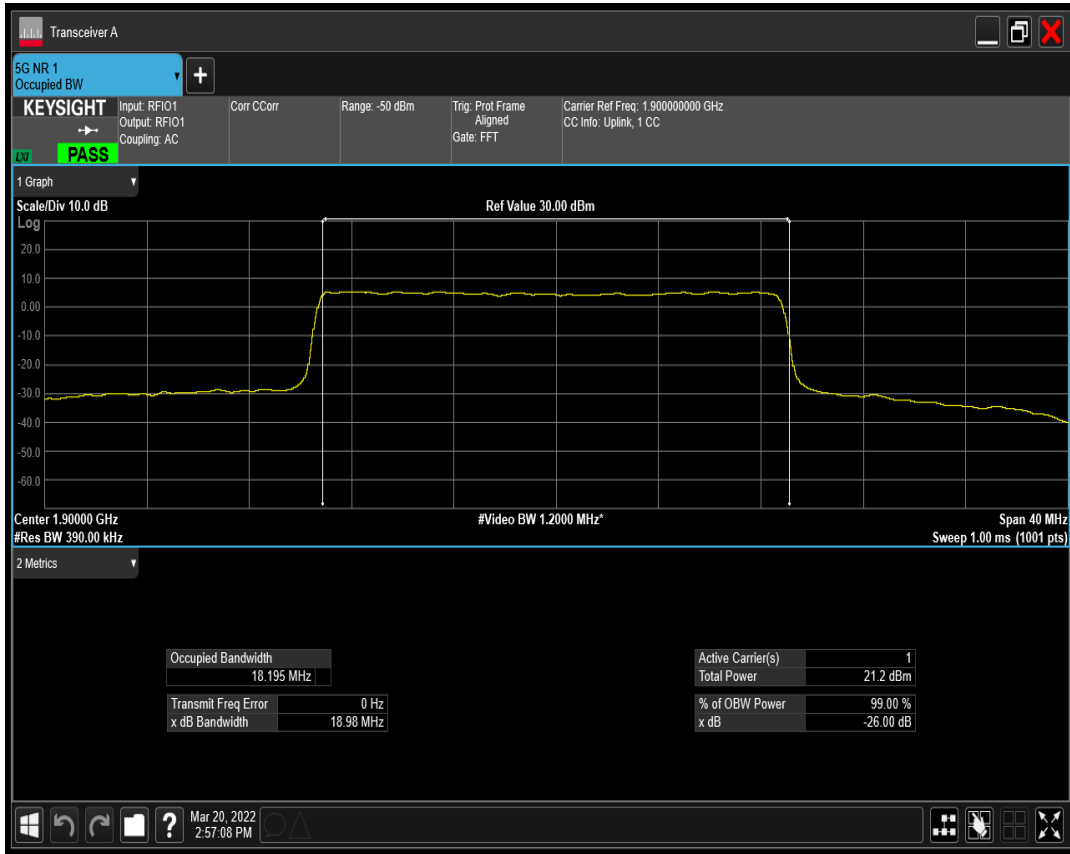
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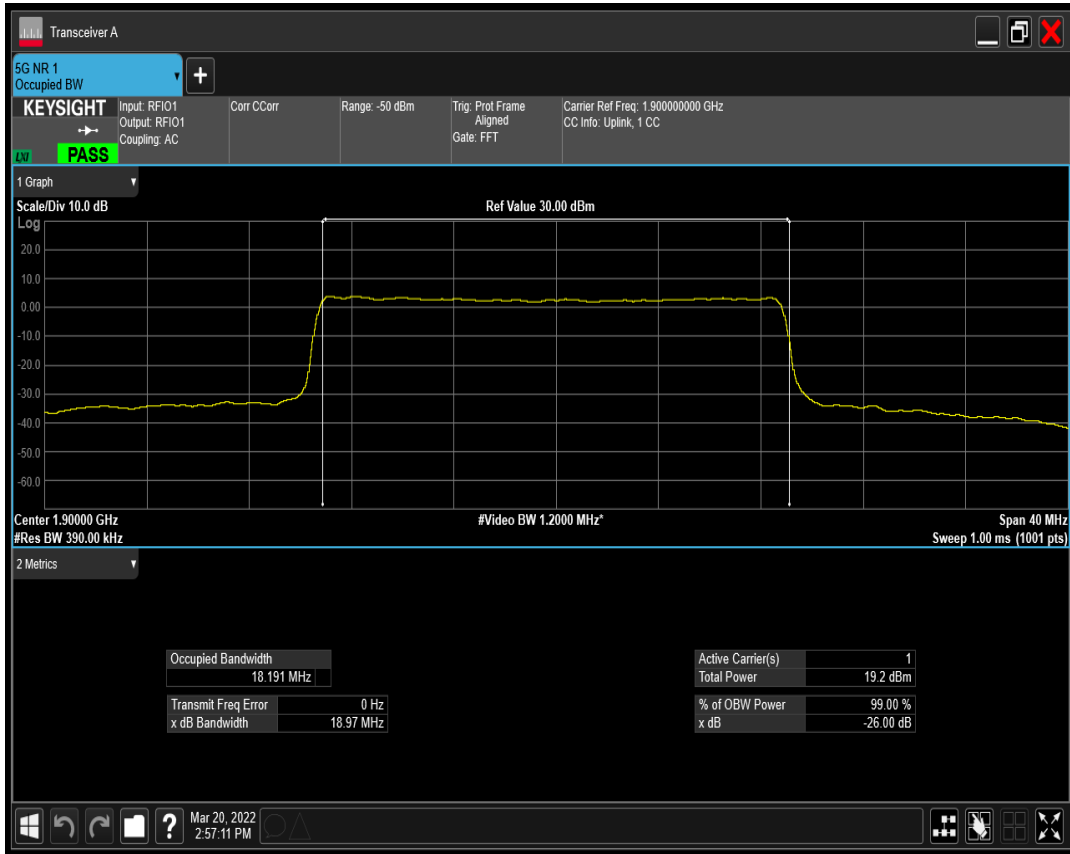
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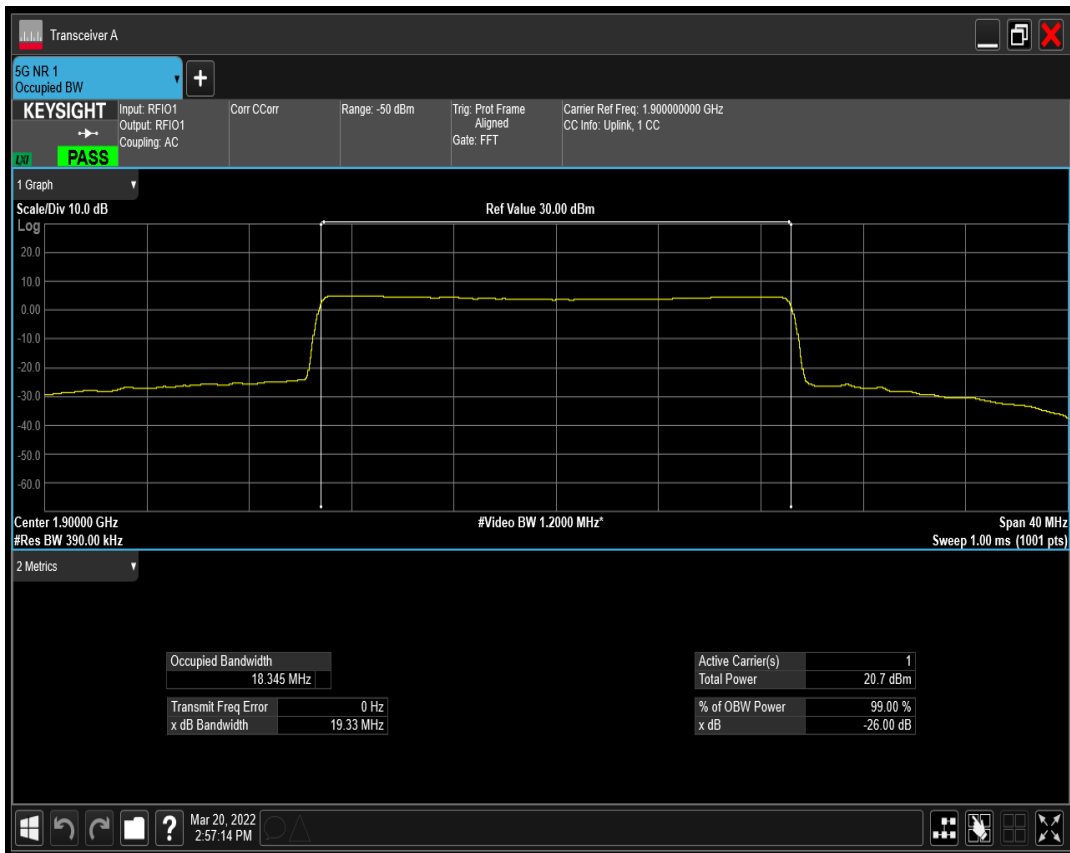
n2 SCS=30kHz DFT_QAM64 BW=20MHz Channel=380000 RB=50@0



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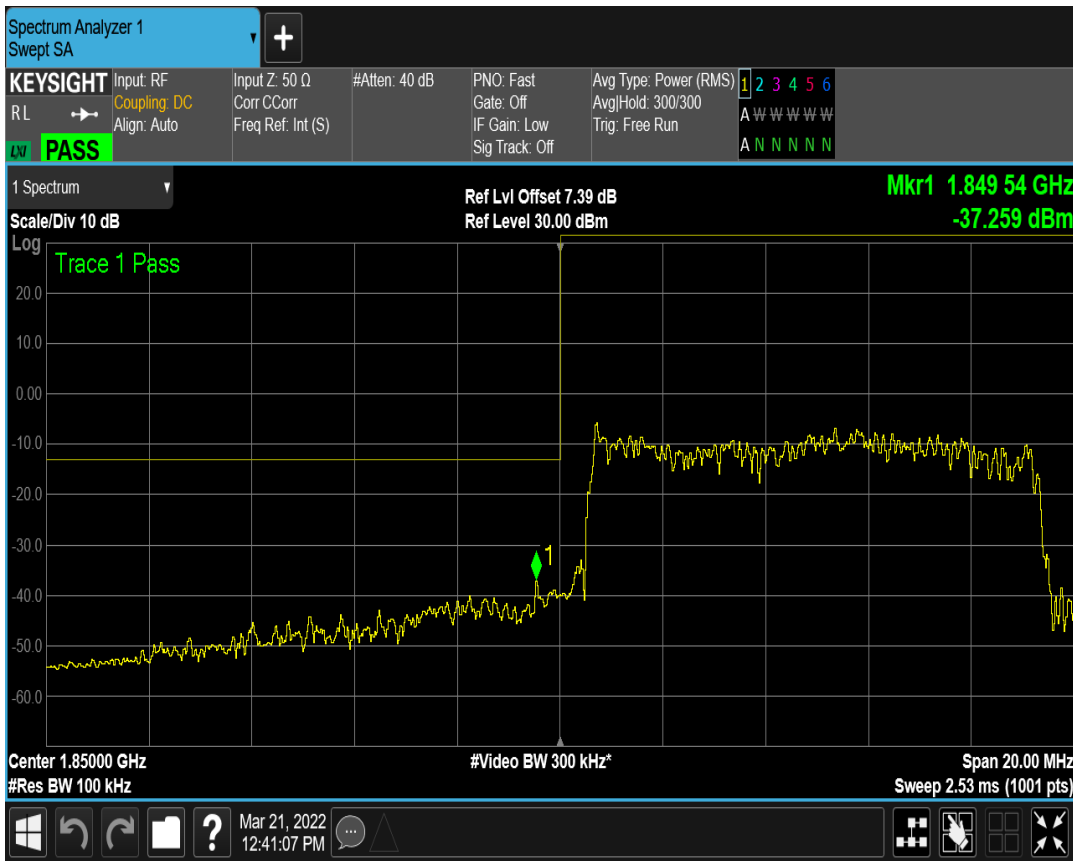
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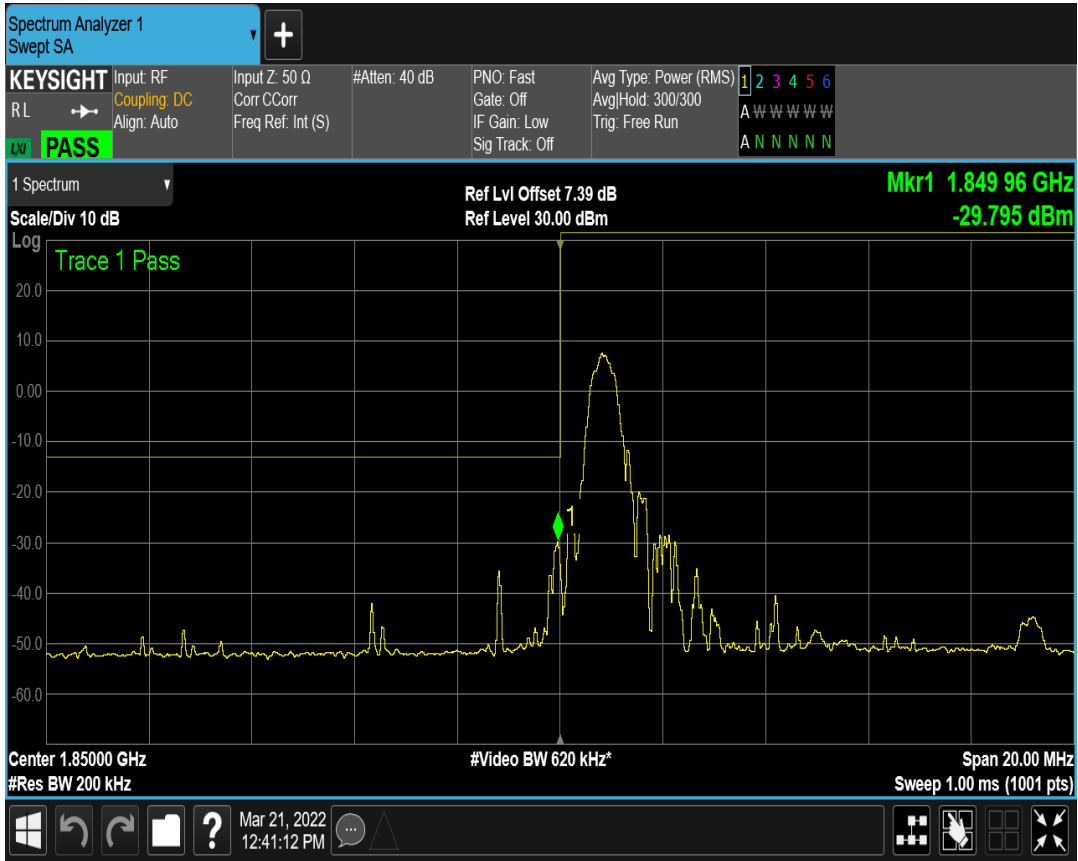
5 Band edge for NR FR1

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	1849.54	-37.25	-13	PASS
n2	30	10	371000	1@0	DFT_QPSK	1849.96	-29.79	-13	PASS
n2	30	10	381000	24@0	DFT_QPSK	1910.16	-36.28	-13	PASS
n2	30	10	381000	1@23	DFT_QPSK	1910.28	-30.30	-13	PASS
n2	30	20	372000	50@0	DFT_QPSK	1846.44	-39.29	-13	PASS
n2	30	20	372000	1@0	DFT_QPSK	1849.88	-33.61	-13	PASS
n2	30	20	380000	50@0	DFT_QPSK	1910.88	-35.53	-13	PASS
n2	30	20	380000	1@50	DFT_QPSK	1910.20	-33.53	-13	PASS

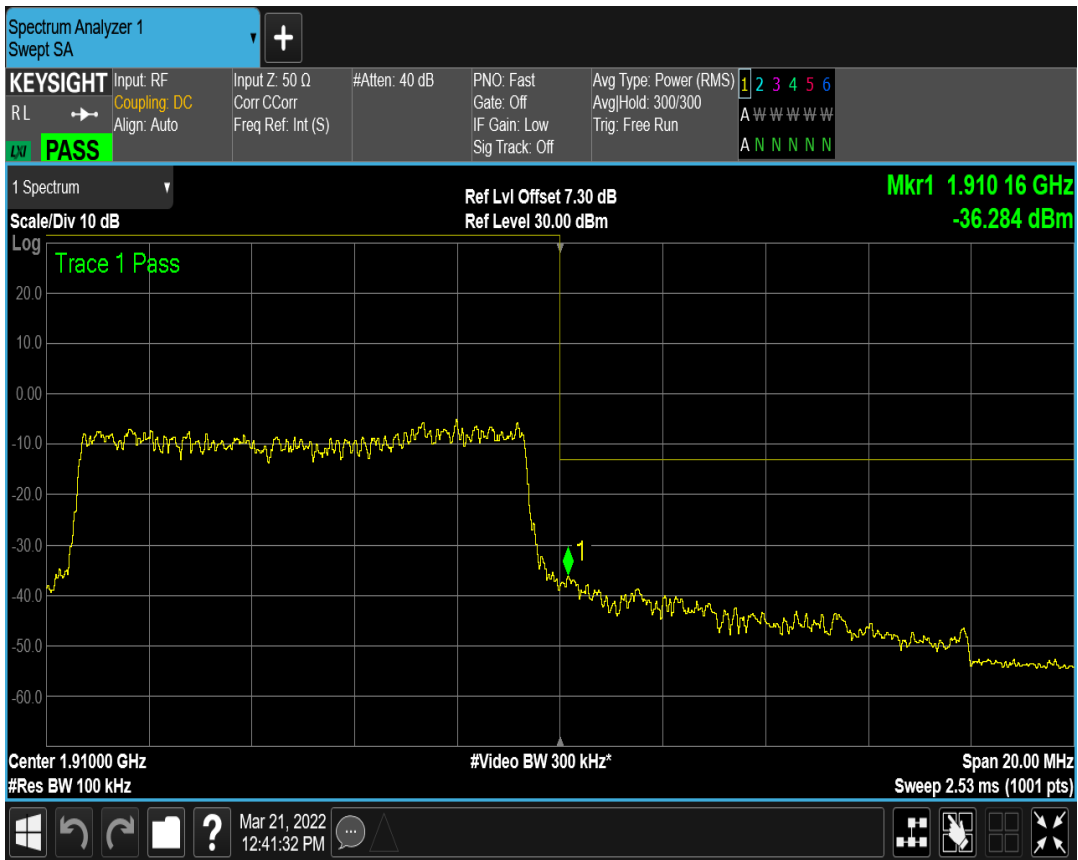
n2 SCS=30kHz DFT_QPSK BW=10MHz Channel=371000 RB=24@0



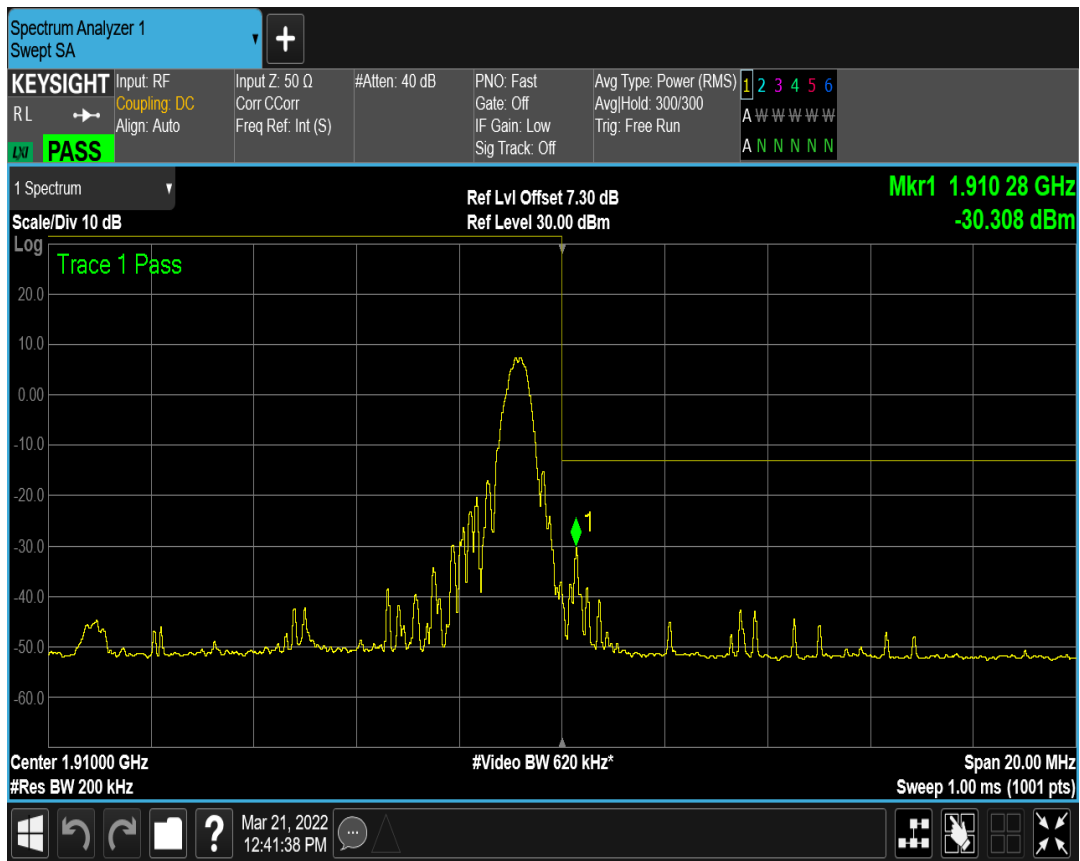
n2 SCS=30kHz DFT_QPSK BW=10MHz Channel=371000 RB=1@0



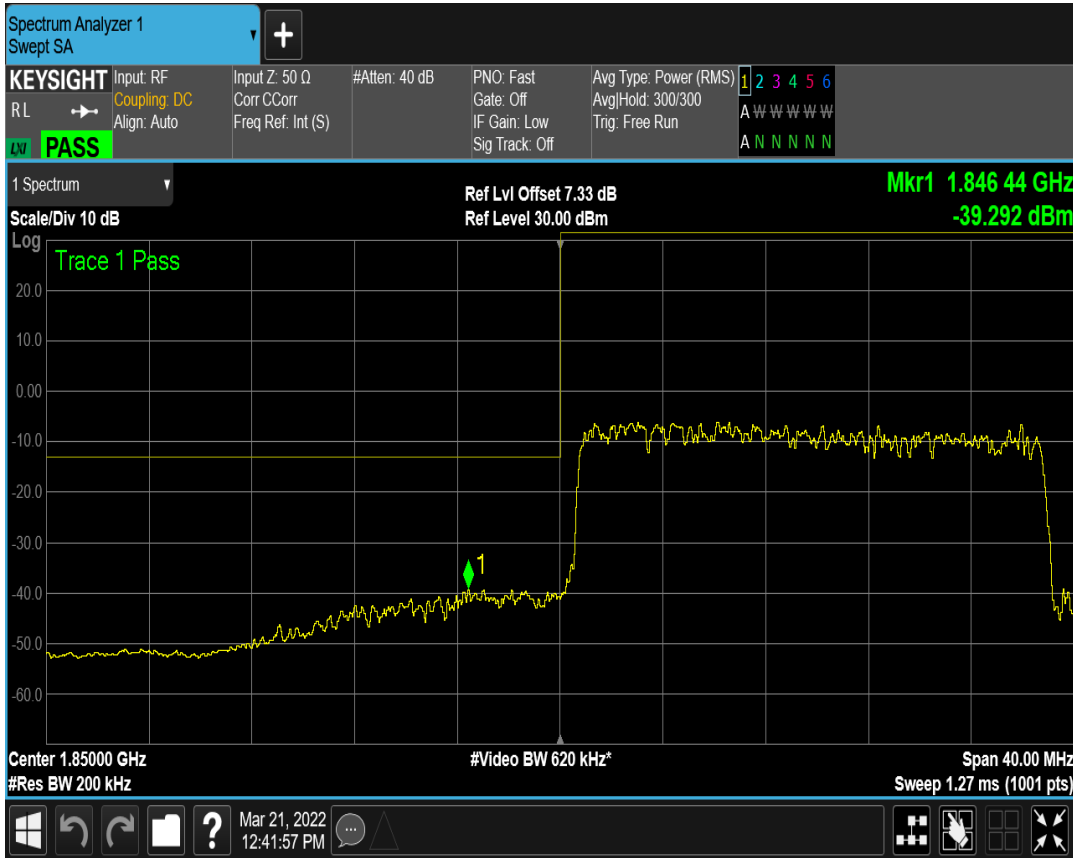
n2 SCS=30kHz DFT_QPSK BW=10MHz Channel=381000 RB=24@0



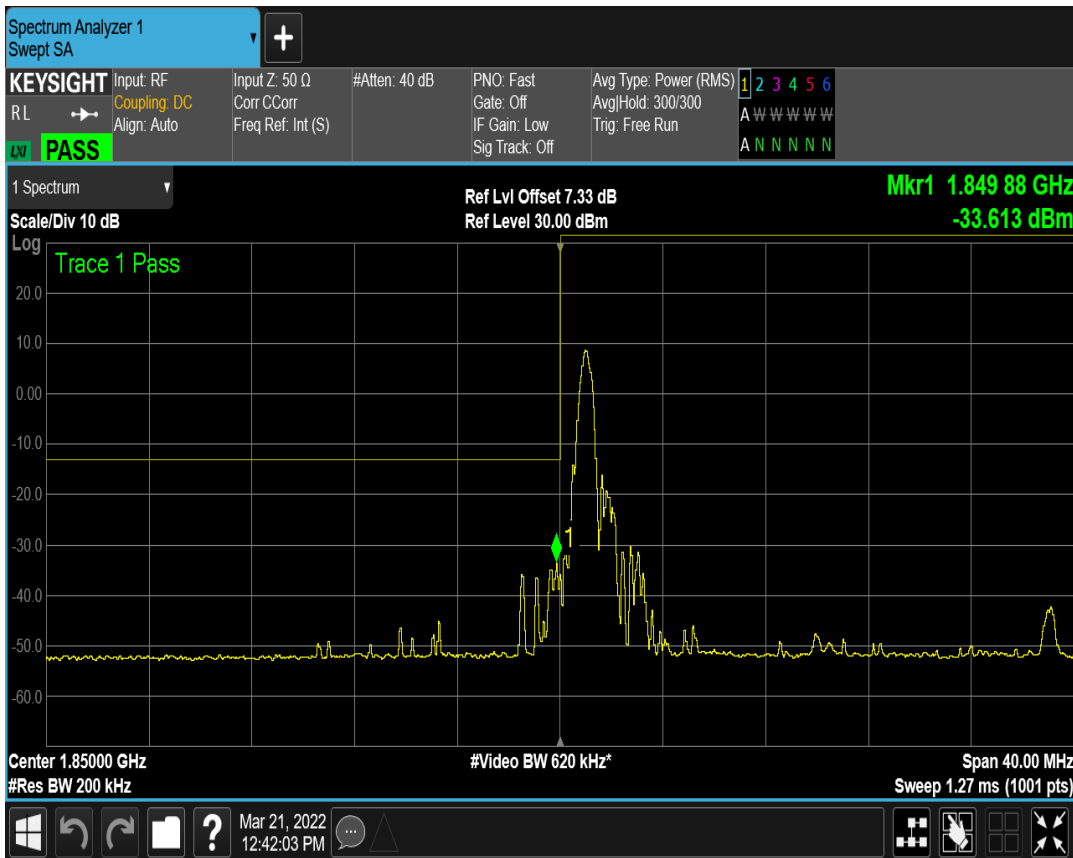
n2 SCS=30kHz DFT_QPSK BW=10MHz Channel=381000 RB=1@23



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



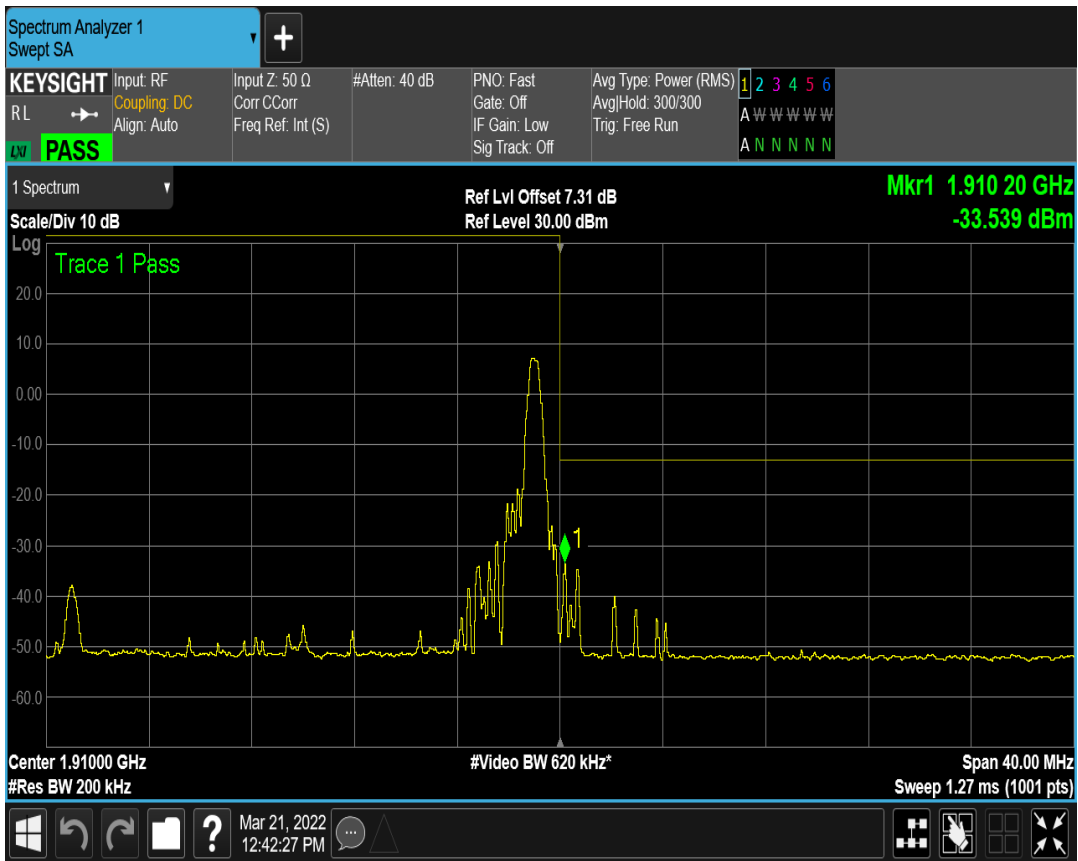
n2 SCS=30kHz DFT_QPSK BW=20MHz Channel=372000 RB=1@0



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



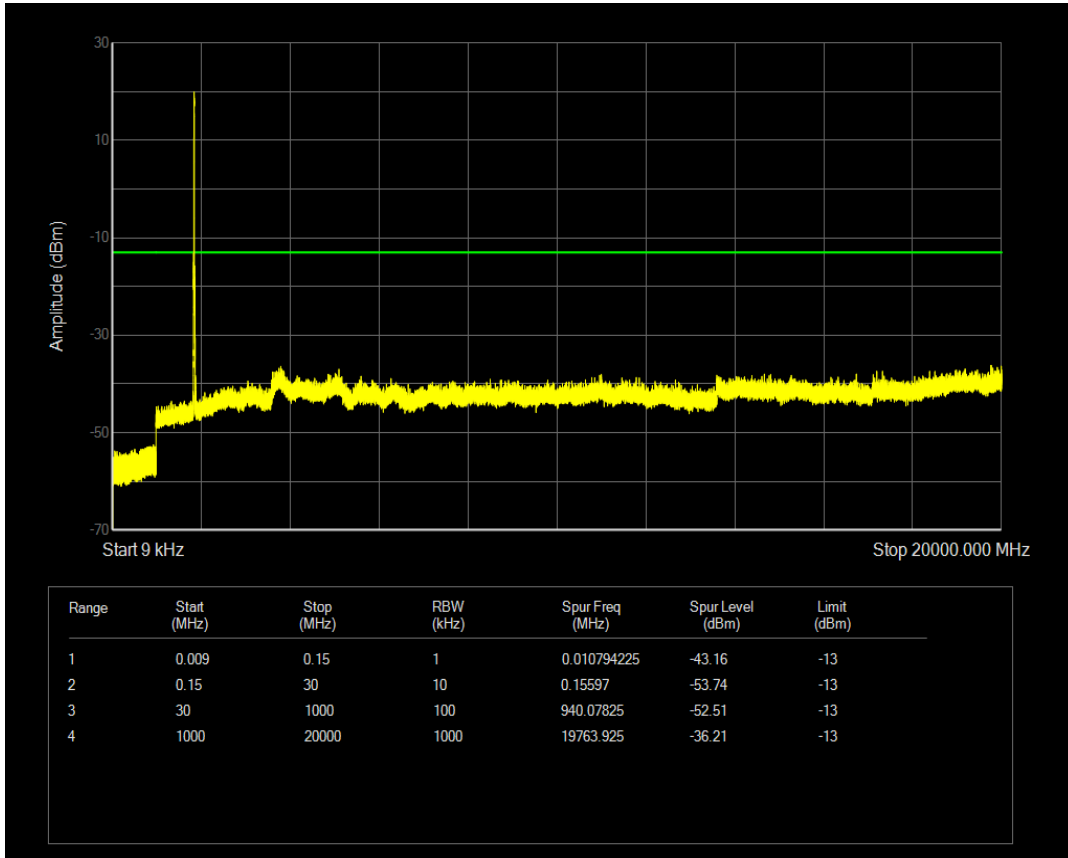
n2 SCS=30kHz DFT_QPSK BW=20MHz Channel=380000 RB=1@50



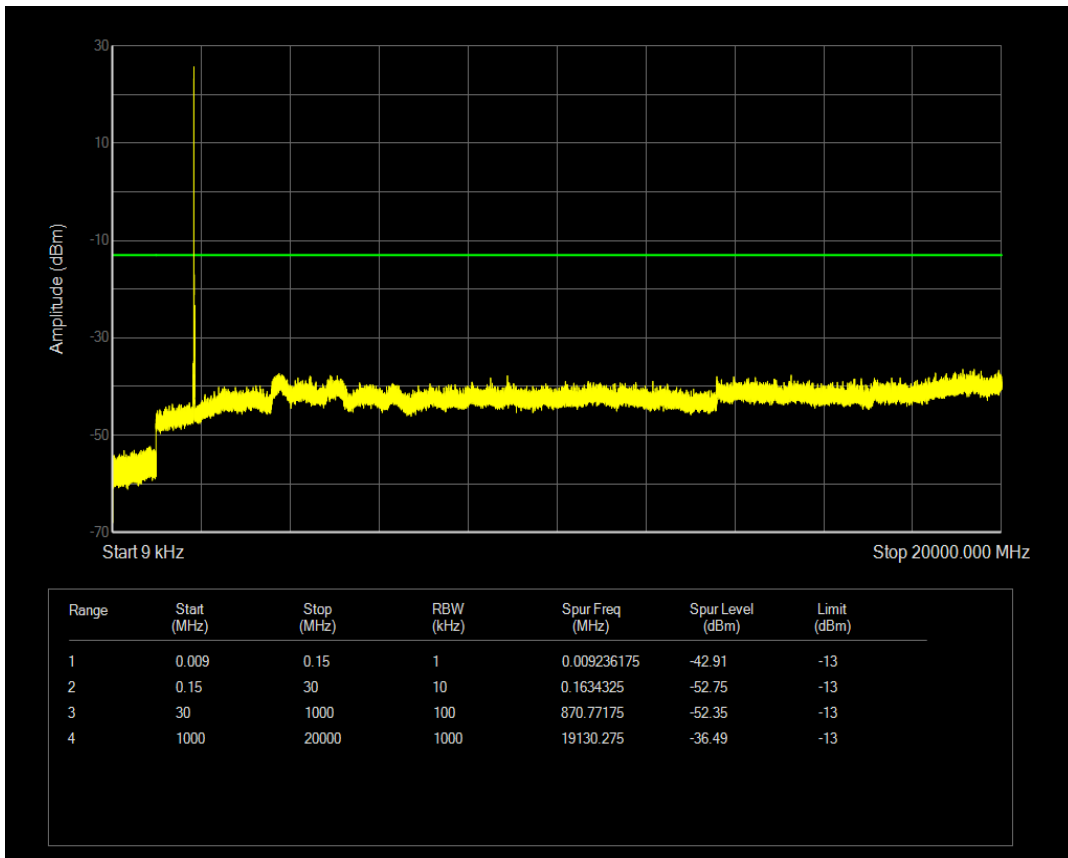
6 Out-of-band emissions for NR FR1

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	19763.93	-36.21	-13	PASS
n2	30	10	371000	1@0	DFT_QPSK	19130.28	-36.49	-13	PASS
n2	30	10	371000	1@23	DFT_QPSK	19175.40	-36.58	-13	PASS
n2	30	10	381000	24@0	DFT_QPSK	19712.63	-36.47	-13	PASS
n2	30	10	381000	1@0	DFT_QPSK	19142.63	-36.49	-13	PASS
n2	30	10	381000	1@23	DFT_QPSK	3760.70	-36.51	-13	PASS
n2	30	15	371500	36@0	DFT_QPSK	19142.15	-36.01	-13	PASS
n2	30	15	371500	1@0	DFT_QPSK	3762.60	-35.98	-13	PASS
n2	30	15	371500	1@37	DFT_QPSK	19870.80	-36.88	-13	PASS
n2	30	15	380500	36@0	DFT_QPSK	19962.00	-36.43	-13	PASS
n2	30	15	380500	1@0	DFT_QPSK	18616.80	-36.08	-13	PASS
n2	30	15	380500	1@37	DFT_QPSK	19360.65	-36.00	-13	PASS
n2	30	20	372000	50@0	DFT_QPSK	3707.50	-36.78	-13	PASS
n2	30	20	372000	1@0	DFT_QPSK	13660.18	-36.47	-13	PASS
n2	30	20	372000	1@50	DFT_QPSK	3795.38	-36.14	-13	PASS
n2	30	20	380000	50@0	DFT_QPSK	3764.98	-36.25	-13	PASS
n2	30	20	380000	1@0	DFT_QPSK	19462.78	-36.72	-13	PASS
n2	30	20	380000	1@50	DFT_QPSK	19110.80	-35.73	-13	PASS

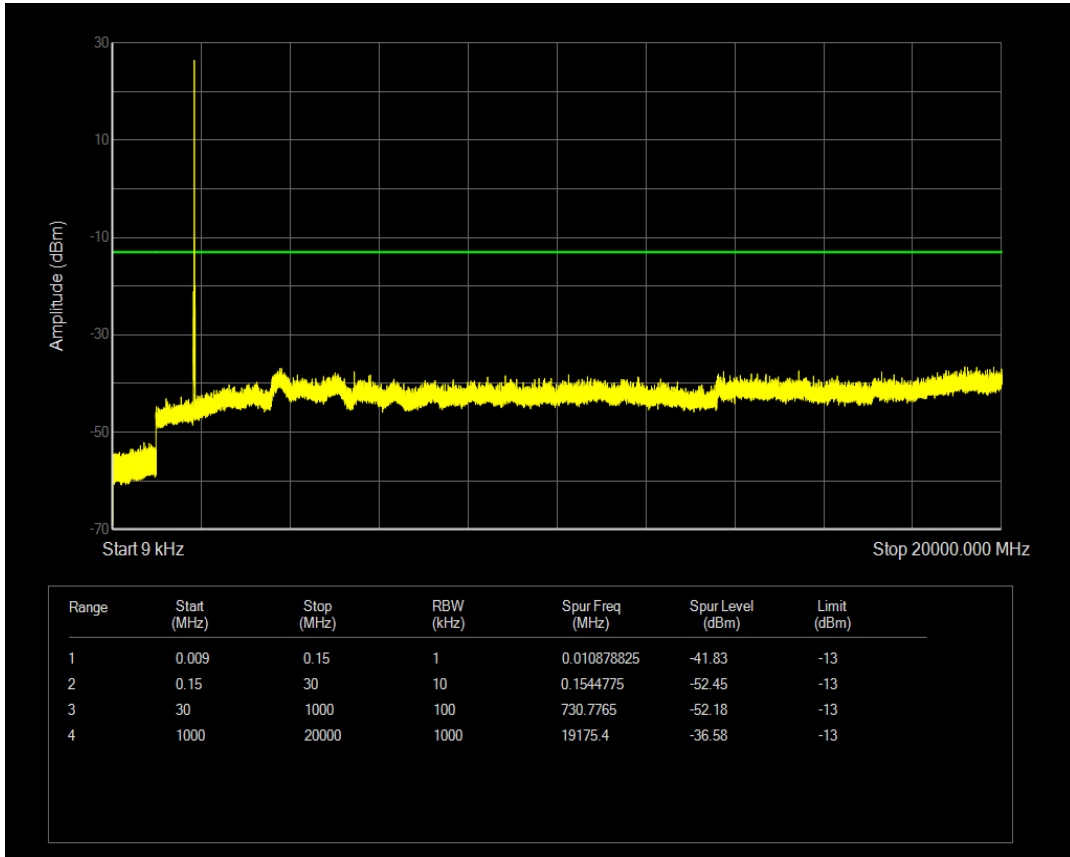
n2 SCS=30kHz DFT_QPSK BW=10MHz Channel=371000 RB=24@0



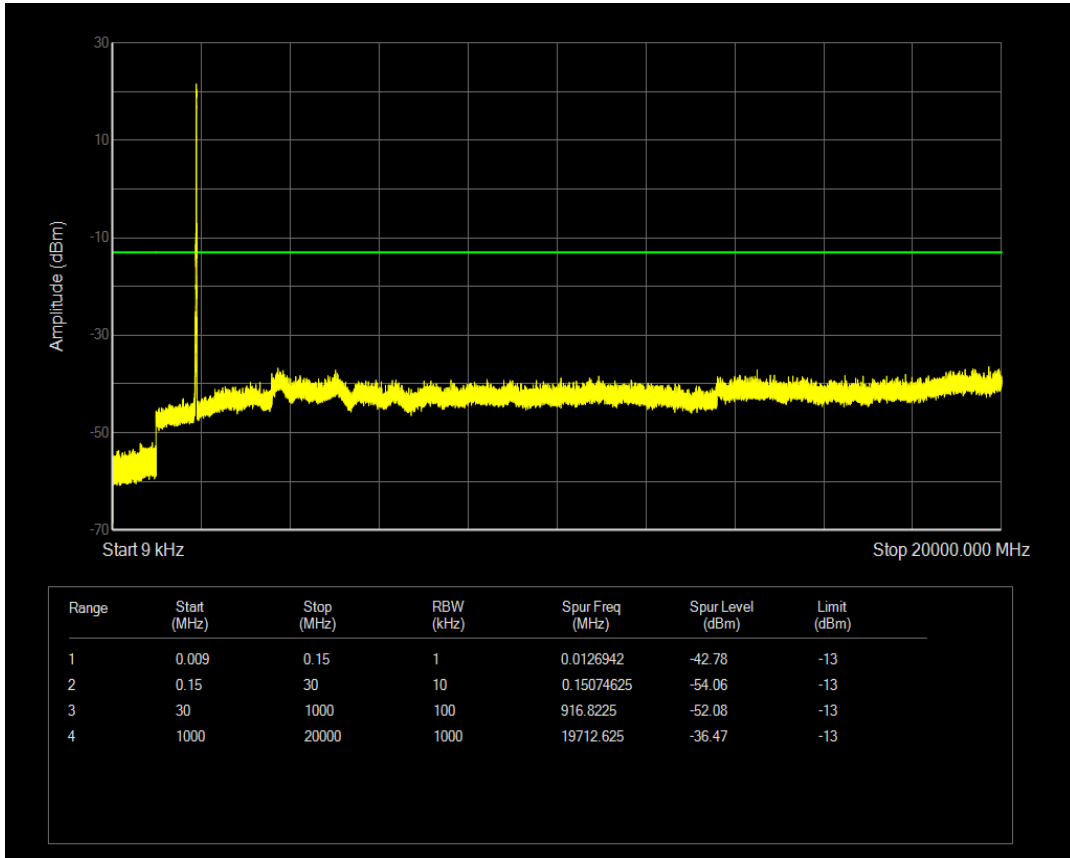
n2 SCS=30kHz DFT_QPSK BW=10MHz Channel=371000 RB=1@0



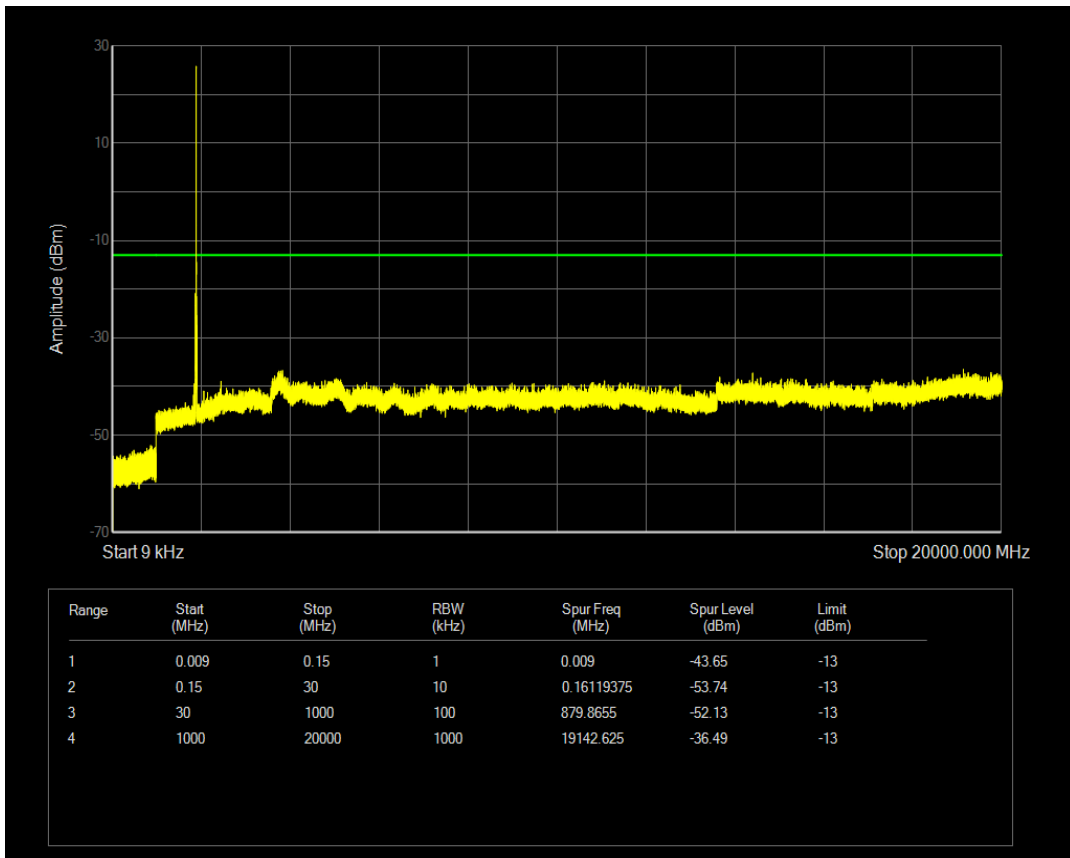
n2 SCS=30kHz DFT_QPSK BW=10MHz Channel=371000 RB=1@23



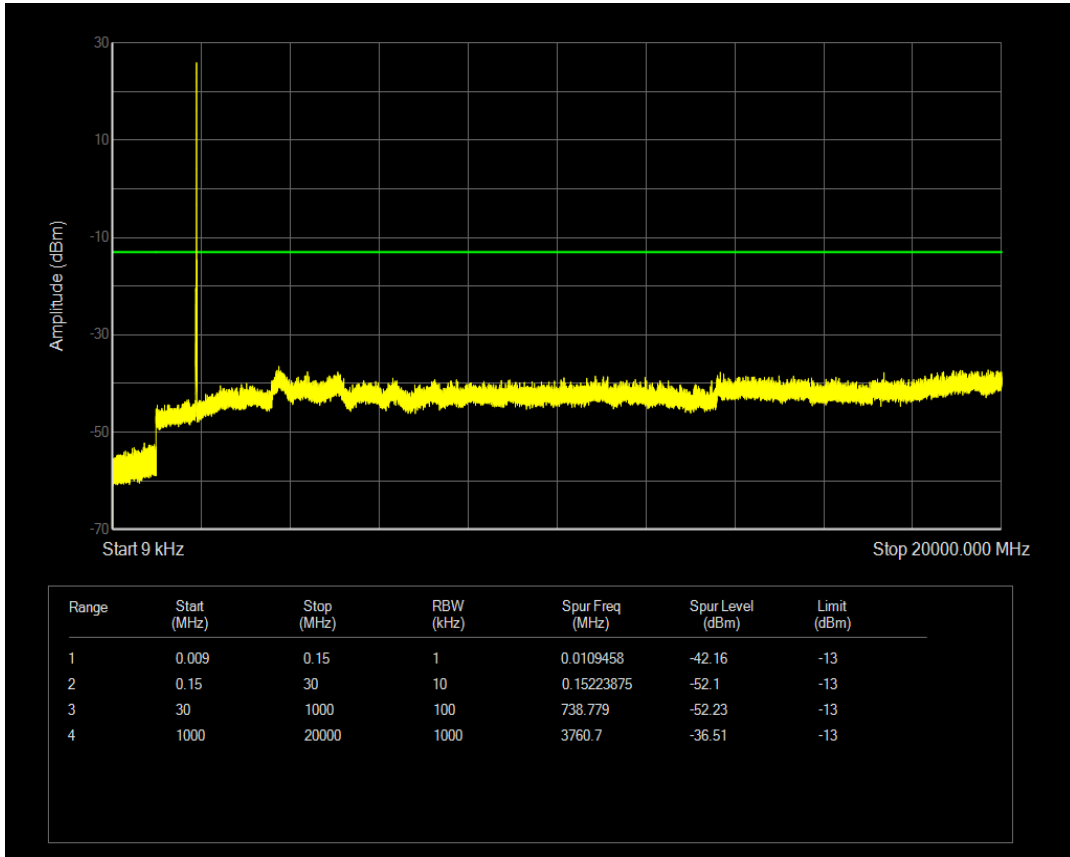
n2 SCS=30kHz DFT_QPSK BW=10MHz Channel=381000 RB=24@0



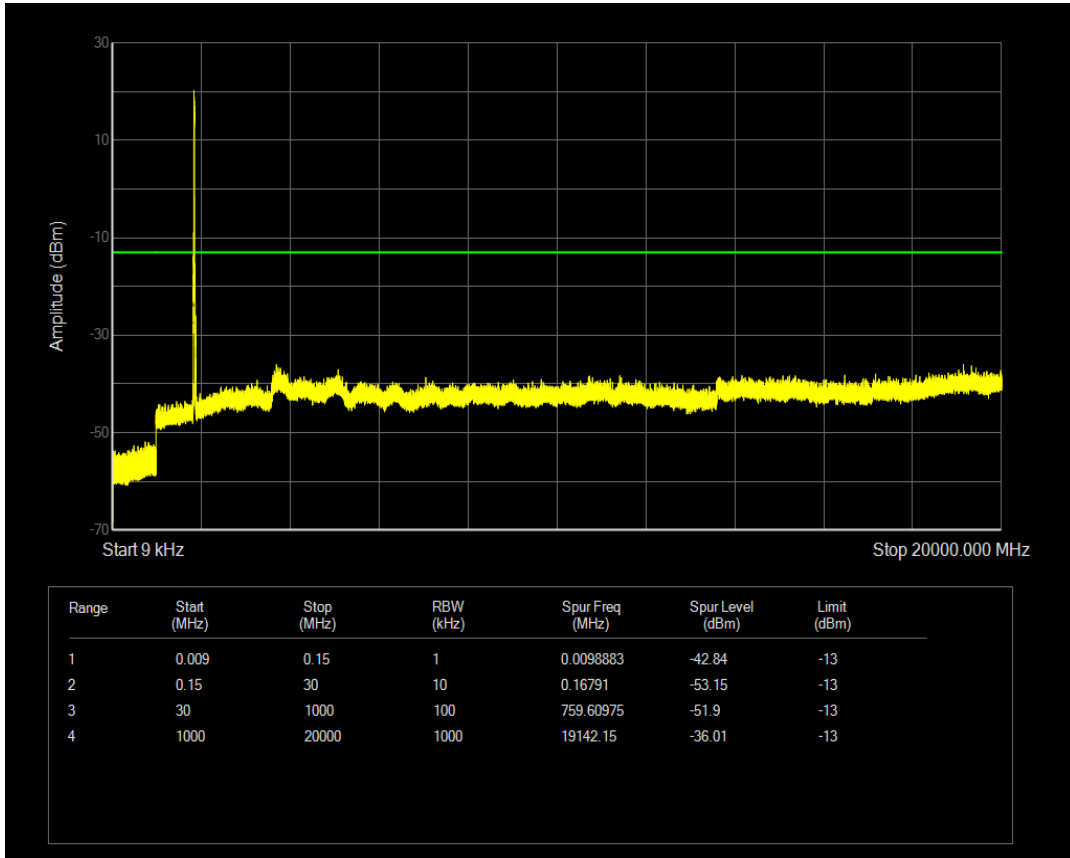
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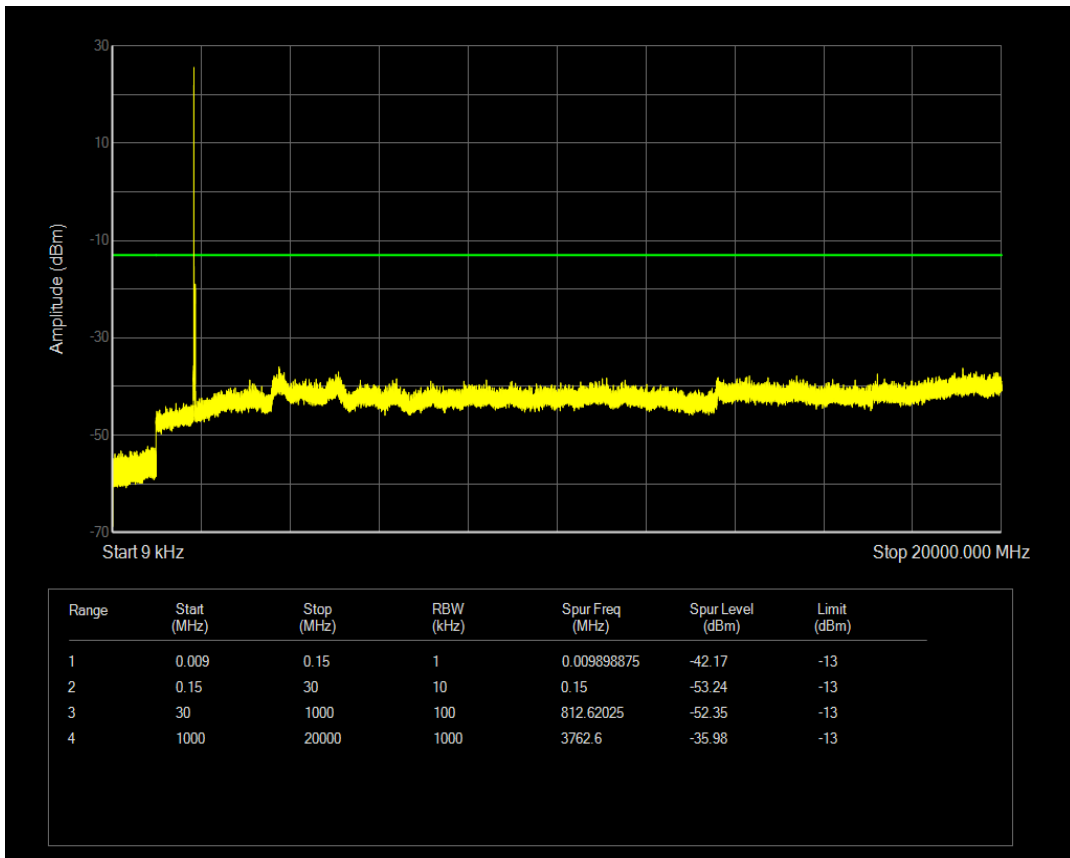
n2 SCS=30kHz DFT_QPSK BW=10MHz Channel=381000 RB=1@23



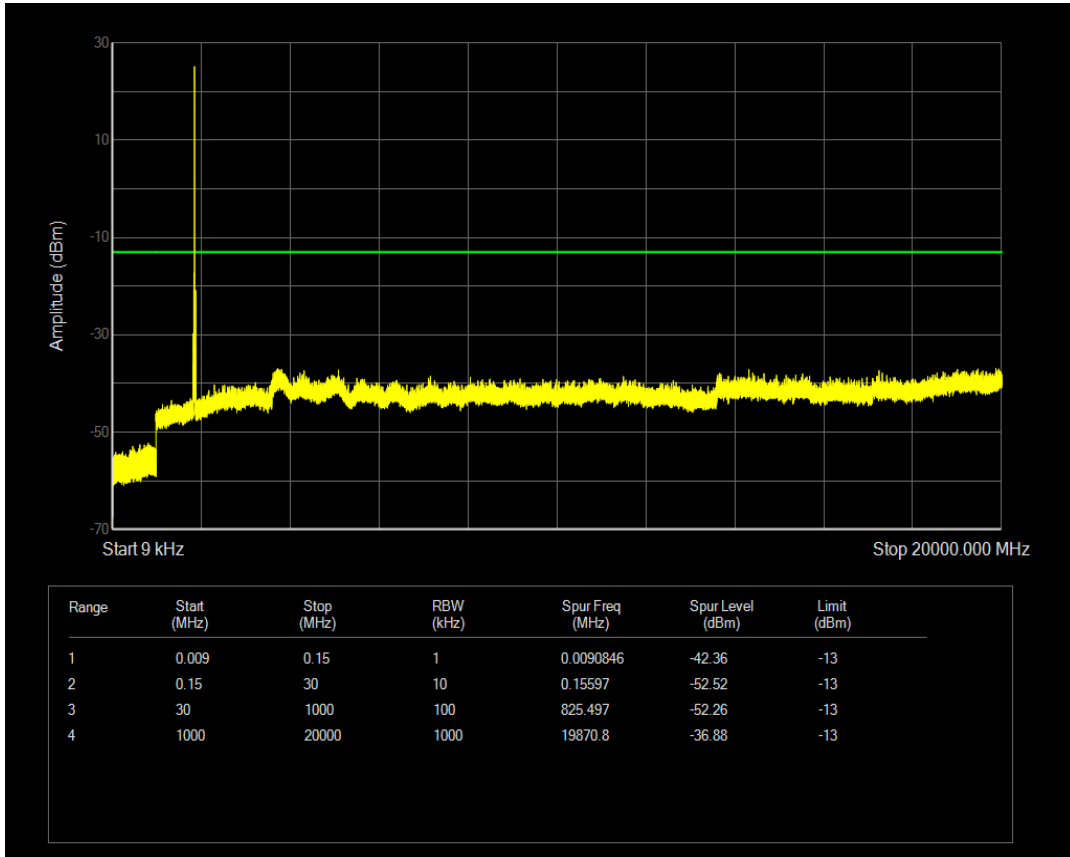
n2 SCS=30kHz DFT_QPSK BW=15MHz Channel=371500 RB=36@0



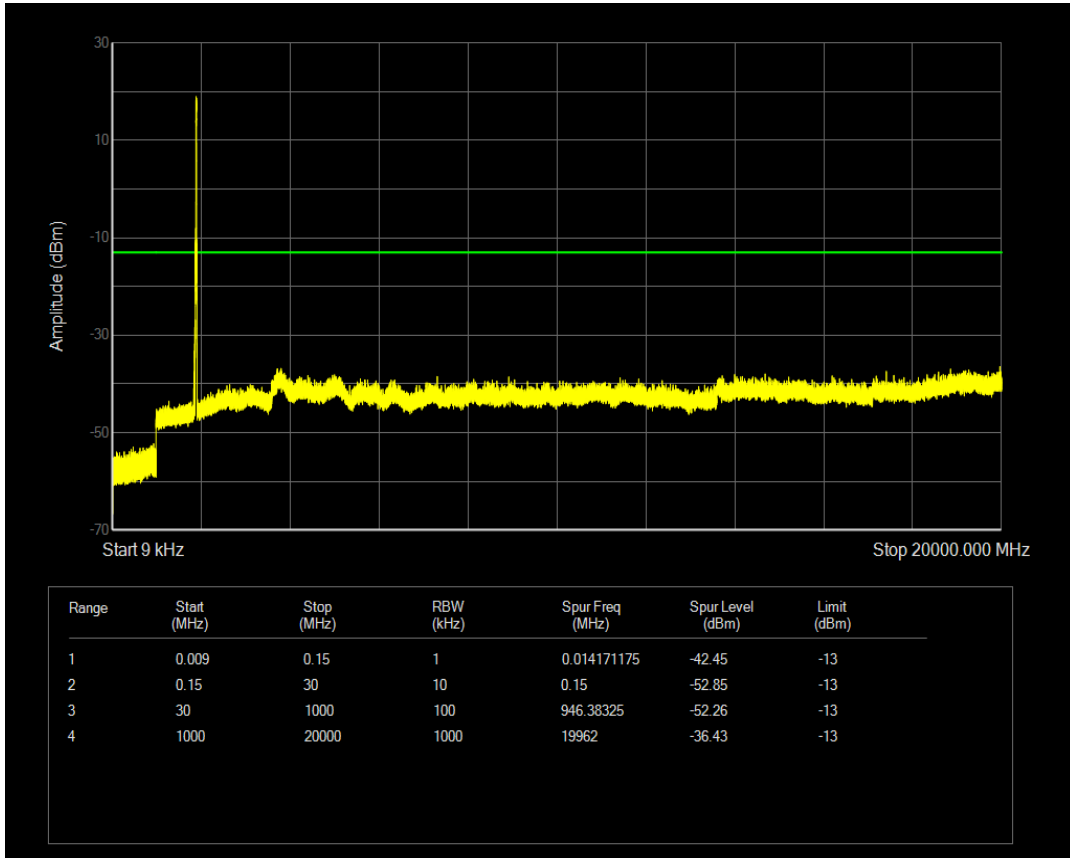
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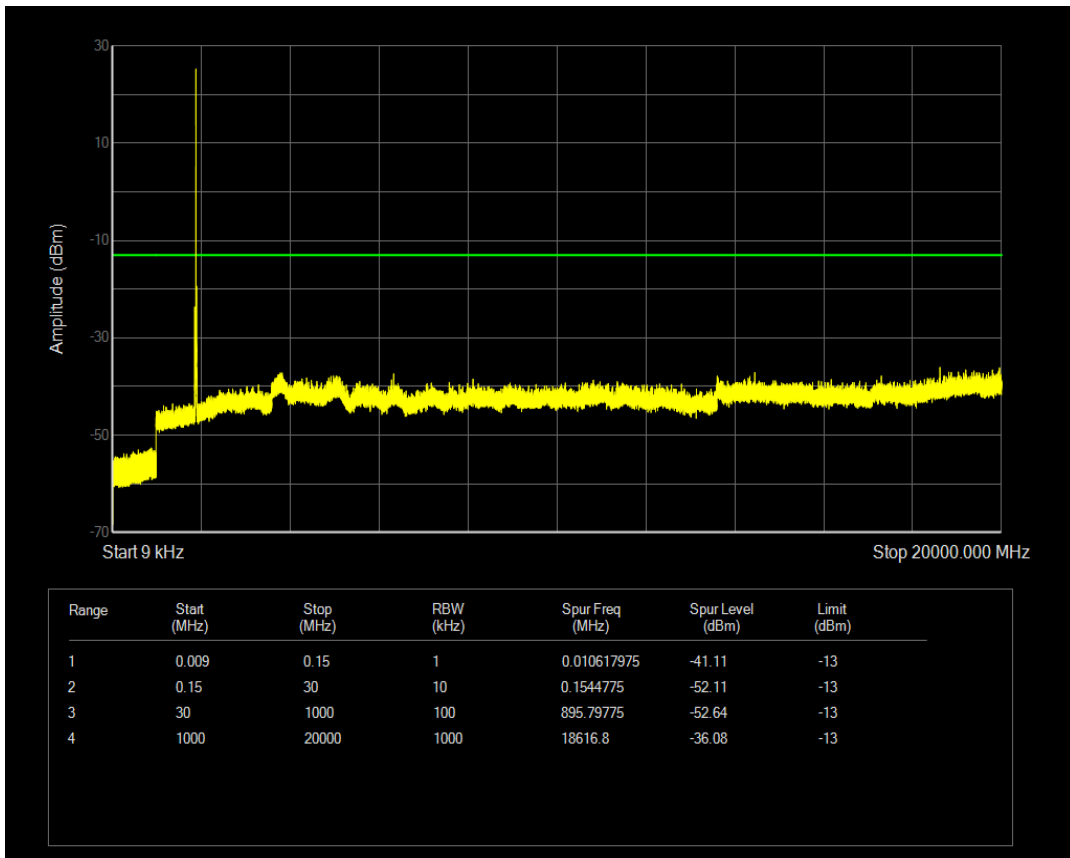
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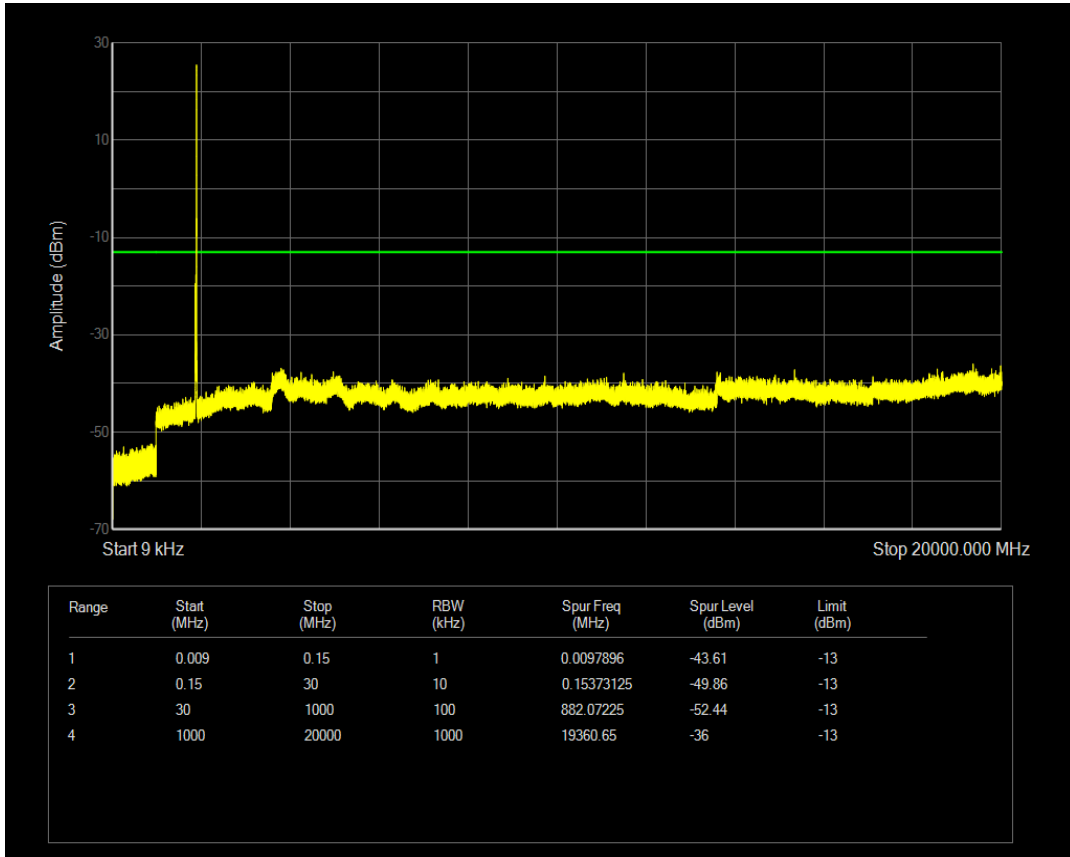
n2 SCS=30kHz DFT_QPSK BW=15MHz Channel=380500 RB=36@0



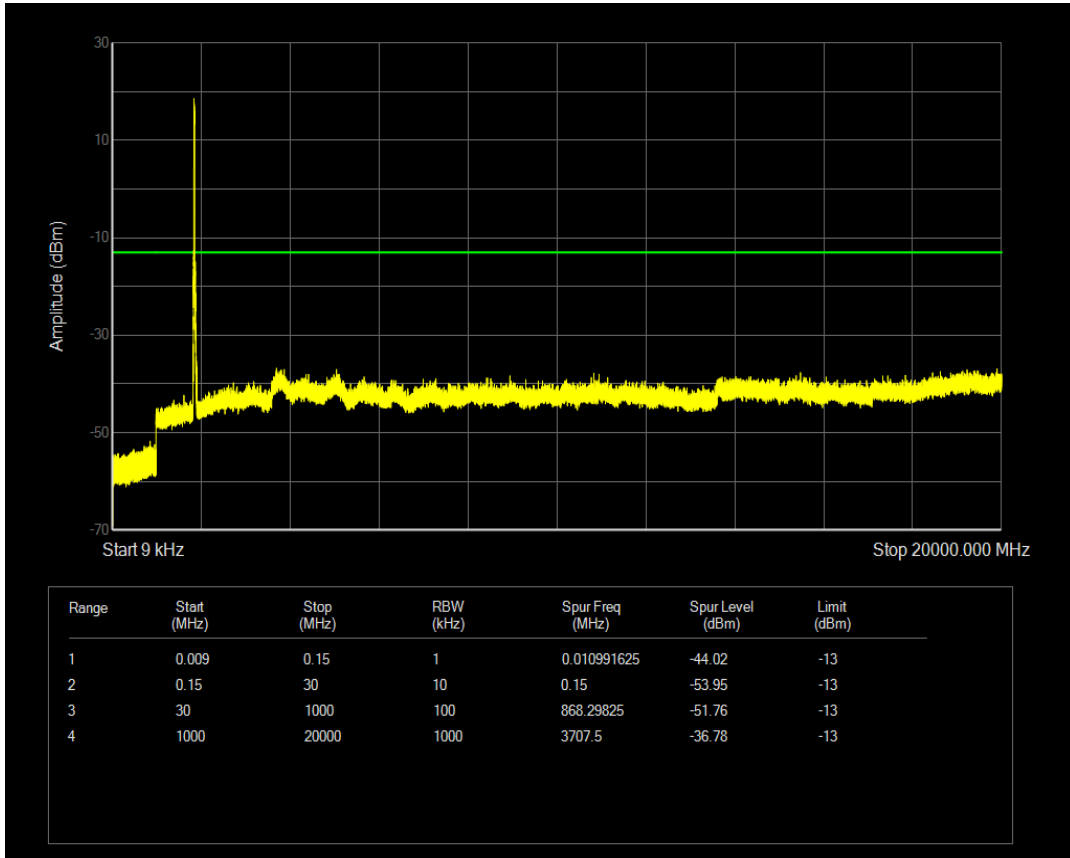
n2 SCS=30kHz DFT_QPSK BW=15MHz Channel=380500 RB=1@0



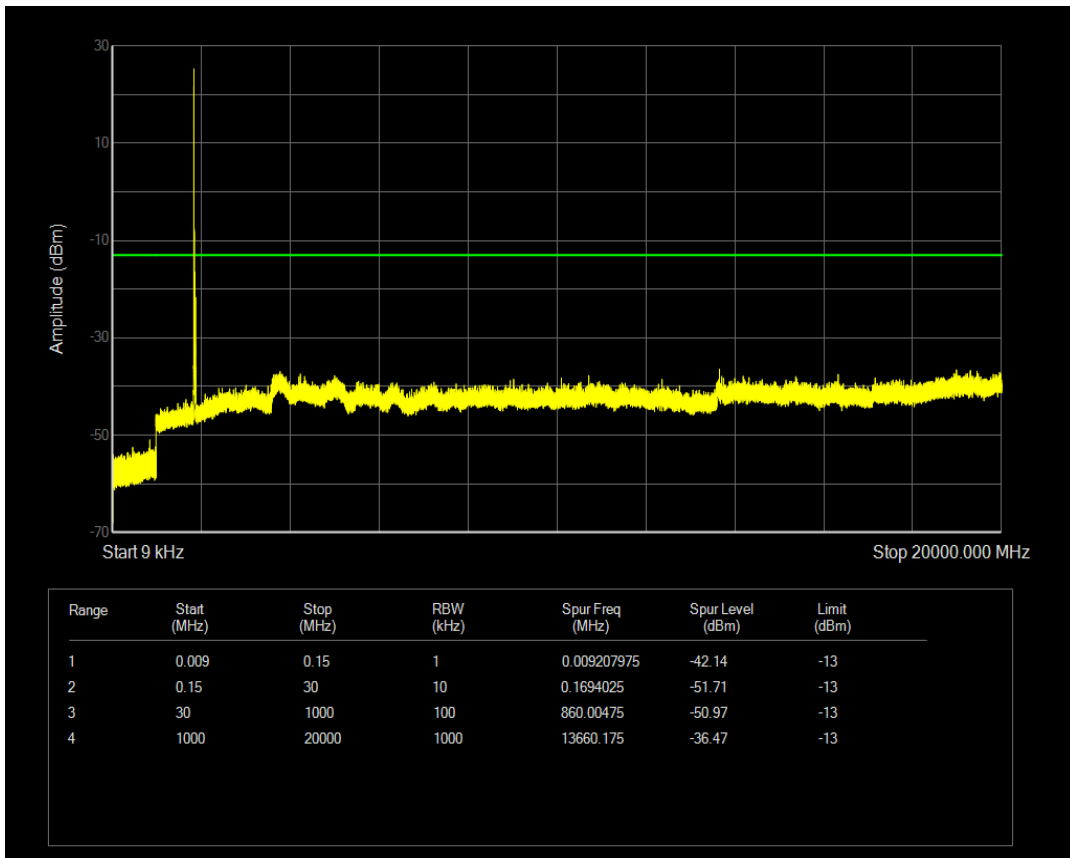
n2 SCS=30kHz DFT_QPSK BW=15MHz Channel=380500 RB=1@37



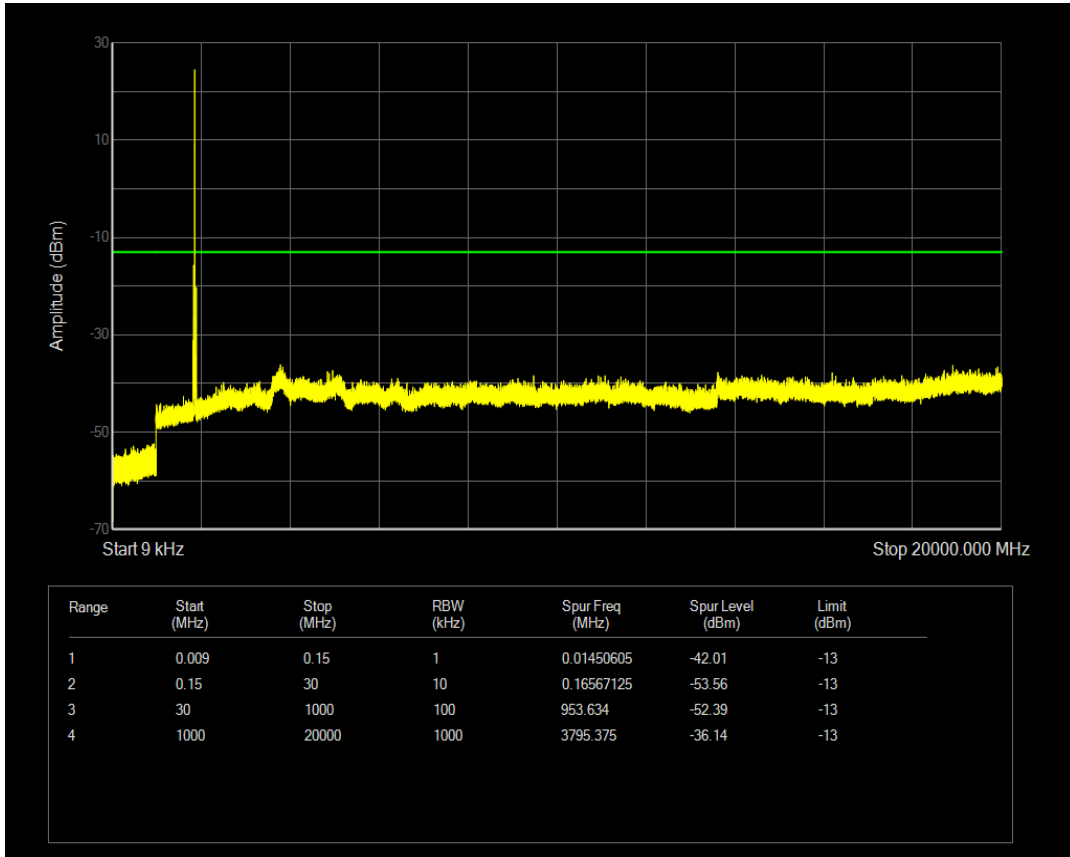
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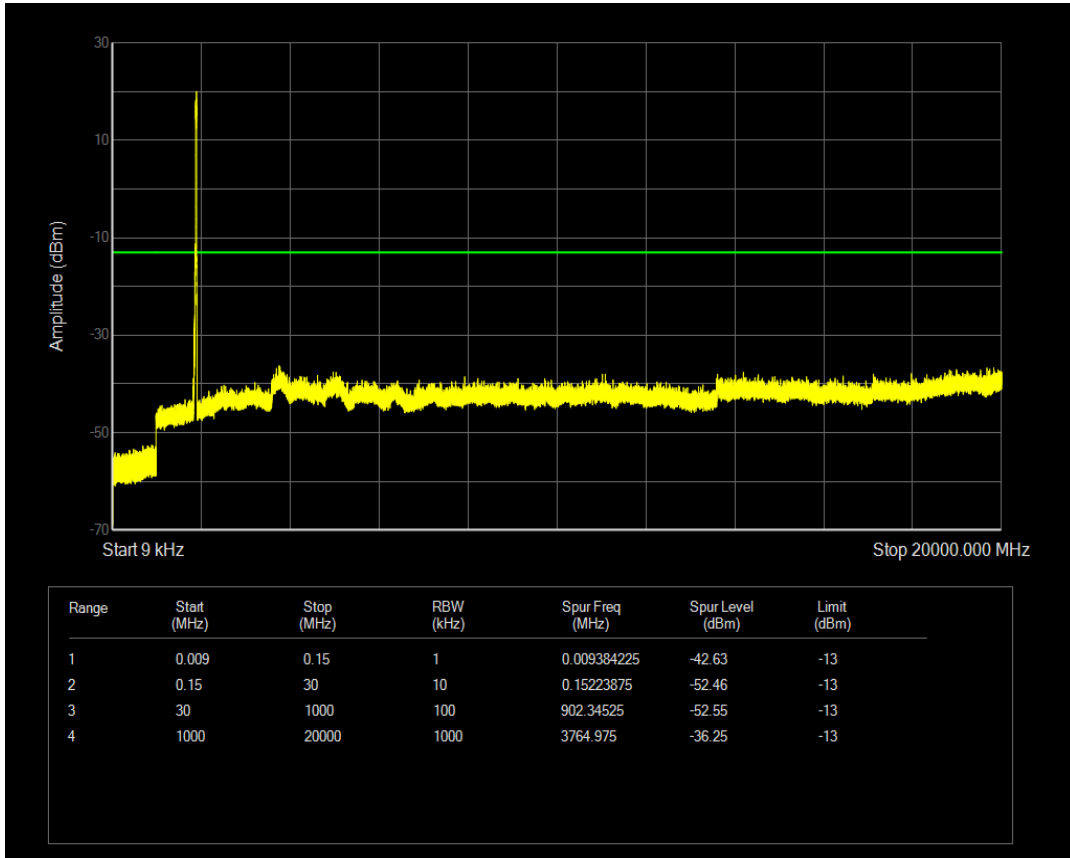
n2 SCS=30kHz DFT_QPSK BW=20MHz Channel=372000 RB=1@0



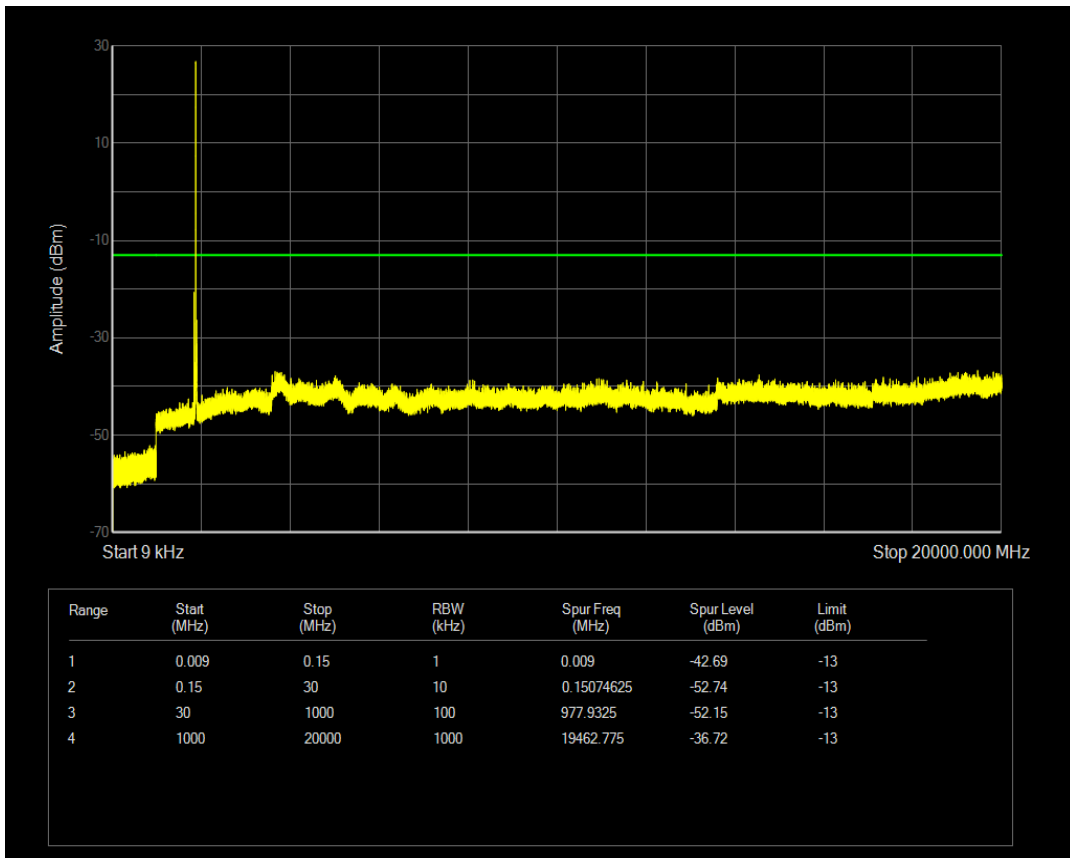
n2 SCS=30kHz DFT_QPSK BW=20MHz Channel=372000 RB=1@50



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



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



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

