

1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	ERP Limit (dBm)	Verdict
n5	30	10	165800	12@6	DFT_BPSK	23.25	-3.45	17.65	38.5	PASS
n5	30	10	165800	1@1	DFT_BPSK	22.99	-3.45	17.39	38.5	PASS
n5	30	10	165800	1@22	DFT_BPSK	23.10	-3.45	17.50	38.5	PASS
n5	30	10	165800	12@6	DFT_QPSK	23.26	-3.45	17.66	38.5	PASS
n5	30	10	165800	1@1	DFT_QPSK	22.97	-3.45	17.37	38.5	PASS
n5	30	10	165800	1@22	DFT_QPSK	23.05	-3.45	17.45	38.5	PASS
n5	30	10	165800	12@6	DFT_QAM16	22.28	-3.45	16.68	38.5	PASS
n5	30	10	165800	1@1	DFT_QAM16	22.49	-3.45	16.89	38.5	PASS
n5	30	10	165800	1@22	DFT_QAM16	22.58	-3.45	16.98	38.5	PASS
n5	30	10	165800	12@6	DFT_QAM64	20.74	-3.45	15.14	38.5	PASS
n5	30	10	165800	1@1	DFT_QAM64	20.75	-3.45	15.15	38.5	PASS
n5	30	10	165800	1@22	DFT_QAM64	20.83	-3.45	15.23	38.5	PASS
n5	30	10	165800	12@6	DFT_QAM256	18.75	-3.45	13.15	38.5	PASS
n5	30	10	165800	1@1	DFT_QAM256	18.81	-3.45	13.21	38.5	PASS
n5	30	10	165800	1@22	DFT_QAM256	18.89	-3.45	13.29	38.5	PASS
n5	30	10	165800	12@6	CP_QPSK	21.73	-3.45	16.13	38.5	PASS
n5	30	10	165800	1@1	CP_QPSK	21.56	-3.45	15.96	38.5	PASS
n5	30	10	165800	1@22	CP_QPSK	21.65	-3.45	16.05	38.5	PASS
n5	30	10	165800	12@6	CP_QAM16	21.16	-3.45	15.56	38.5	PASS
n5	30	10	165800	1@1	CP_QAM16	21.26	-3.45	15.66	38.5	PASS
n5	30	10	165800	1@22	CP_QAM16	21.30	-3.45	15.70	38.5	PASS
n5	30	10	165800	12@6	CP_QAM64	19.74	-3.45	14.14	38.5	PASS
n5	30	10	165800	1@1	CP_QAM64	19.75	-3.45	14.15	38.5	PASS
n5	30	10	165800	1@22	CP_QAM64	19.85	-3.45	14.25	38.5	PASS
n5	30	10	165800	12@6	CP_QAM256	16.80	-3.45	11.20	38.5	PASS
n5	30	10	165800	1@1	CP_QAM256	17.02	-3.45	11.42	38.5	PASS
n5	30	10	165800	1@22	CP_QAM256	16.58	-3.45	10.98	38.5	PASS
n5	30	10	167300	12@6	DFT_BPSK	23.32	-3.45	17.72	38.5	PASS
n5	30	10	167300	1@1	DFT_BPSK	23.11	-3.45	17.51	38.5	PASS
n5	30	10	167300	1@22	DFT_BPSK	23.25	-3.45	17.65	38.5	PASS
n5	30	10	167300	12@6	DFT_QPSK	23.31	-3.45	17.71	38.5	PASS
n5	30	10	167300	1@1	DFT_QPSK	23.08	-3.45	17.48	38.5	PASS
n5	30	10	167300	1@22	DFT_QPSK	23.15	-3.45	17.55	38.5	PASS
n5	30	10	167300	12@6	DFT_QAM16	22.24	-3.45	16.64	38.5	PASS
n5	30	10	167300	1@1	DFT_QAM16	22.53	-3.45	16.93	38.5	PASS
n5	30	10	167300	1@22	DFT_QAM16	22.57	-3.45	16.97	38.5	PASS
n5	30	10	167300	12@6	DFT_QAM64	20.84	-3.45	15.24	38.5	PASS
n5	30	10	167300	1@1	DFT_QAM64	20.66	-3.45	15.06	38.5	PASS

n5	30	10	167300	1@22	DFT_QAM64	20.79	-3.45	15.19	38.5	PASS
n5	30	10	167300	12@6	DFT_QAM256	18.84	-3.45	13.24	38.5	PASS
n5	30	10	167300	1@1	DFT_QAM256	18.85	-3.45	13.25	38.5	PASS
n5	30	10	167300	1@22	DFT_QAM256	18.95	-3.45	13.35	38.5	PASS
n5	30	10	167300	12@6	CP_QPSK	21.65	-3.45	16.05	38.5	PASS
n5	30	10	167300	1@1	CP_QPSK	21.64	-3.45	16.04	38.5	PASS
n5	30	10	167300	1@22	CP_QPSK	21.59	-3.45	15.99	38.5	PASS
n5	30	10	167300	12@6	CP_QAM16	21.24	-3.45	15.64	38.5	PASS
n5	30	10	167300	1@1	CP_QAM16	21.60	-3.45	16.00	38.5	PASS
n5	30	10	167300	1@22	CP_QAM16	21.34	-3.45	15.74	38.5	PASS
n5	30	10	167300	12@6	CP_QAM64	19.84	-3.45	14.24	38.5	PASS
n5	30	10	167300	1@1	CP_QAM64	19.63	-3.45	14.03	38.5	PASS
n5	30	10	167300	1@22	CP_QAM64	19.75	-3.45	14.15	38.5	PASS
n5	30	10	167300	12@6	CP_QAM256	16.77	-3.45	11.17	38.5	PASS
n5	30	10	167300	1@1	CP_QAM256	16.99	-3.45	11.39	38.5	PASS
n5	30	10	167300	1@22	CP_QAM256	17.08	-3.45	11.48	38.5	PASS
n5	30	10	168800	12@6	DFT_BPSK	23.25	-3.45	17.65	38.5	PASS
n5	30	10	168800	1@1	DFT_BPSK	23.17	-3.45	17.57	38.5	PASS
n5	30	10	168800	1@22	DFT_BPSK	23.13	-3.45	17.53	38.5	PASS
n5	30	10	168800	12@6	DFT_QPSK	23.33	-3.45	17.73	38.5	PASS
n5	30	10	168800	1@1	DFT_QPSK	23.09	-3.45	17.49	38.5	PASS
n5	30	10	168800	1@22	DFT_QPSK	23.01	-3.45	17.41	38.5	PASS
n5	30	10	168800	12@6	DFT_QAM16	22.38	-3.45	16.78	38.5	PASS
n5	30	10	168800	1@1	DFT_QAM16	22.62	-3.45	17.02	38.5	PASS
n5	30	10	168800	1@22	DFT_QAM16	22.52	-3.45	16.92	38.5	PASS
n5	30	10	168800	12@6	DFT_QAM64	20.76	-3.45	15.16	38.5	PASS
n5	30	10	168800	1@1	DFT_QAM64	20.68	-3.45	15.08	38.5	PASS
n5	30	10	168800	1@22	DFT_QAM64	20.55	-3.45	14.95	38.5	PASS
n5	30	10	168800	12@6	DFT_QAM256	18.75	-3.45	13.15	38.5	PASS
n5	30	10	168800	1@1	DFT_QAM256	19.03	-3.45	13.43	38.5	PASS
n5	30	10	168800	1@22	DFT_QAM256	18.80	-3.45	13.20	38.5	PASS
n5	30	10	168800	12@6	CP_QPSK	21.65	-3.45	16.05	38.5	PASS
n5	30	10	168800	1@1	CP_QPSK	21.68	-3.45	16.08	38.5	PASS
n5	30	10	168800	1@22	CP_QPSK	21.52	-3.45	15.92	38.5	PASS
n5	30	10	168800	12@6	CP_QAM16	21.32	-3.45	15.72	38.5	PASS
n5	30	10	168800	1@1	CP_QAM16	21.28	-3.45	15.68	38.5	PASS
n5	30	10	168800	1@22	CP_QAM16	21.22	-3.45	15.62	38.5	PASS
n5	30	10	168800	12@6	CP_QAM64	19.81	-3.45	14.21	38.5	PASS
n5	30	10	168800	1@1	CP_QAM64	19.28	-3.45	13.68	38.5	PASS
n5	30	10	168800	1@22	CP_QAM64	19.64	-3.45	14.04	38.5	PASS
n5	30	10	168800	12@6	CP_QAM256	16.79	-3.45	11.19	38.5	PASS
n5	30	10	168800	1@1	CP_QAM256	16.75	-3.45	11.15	38.5	PASS
n5	30	10	168800	1@22	CP_QAM256	16.64	-3.45	11.04	38.5	PASS
n5	30	15	166300	18@9	DFT_BPSK	23.11	-3.45	17.51	38.5	PASS

n5	30	15	166300	1@1	DFT_BPSK	22.96	-3.45	17.36	38.5	PASS
n5	30	15	166300	1@36	DFT_BPSK	23.04	-3.45	17.44	38.5	PASS
n5	30	15	166300	18@9	DFT_QPSK	23.15	-3.45	17.55	38.5	PASS
n5	30	15	166300	1@1	DFT_QPSK	22.92	-3.45	17.32	38.5	PASS
n5	30	15	166300	1@36	DFT_QPSK	23.04	-3.45	17.44	38.5	PASS
n5	30	15	166300	18@9	DFT_QAM16	22.20	-3.45	16.60	38.5	PASS
n5	30	15	166300	1@1	DFT_QAM16	22.14	-3.45	16.54	38.5	PASS
n5	30	15	166300	1@36	DFT_QAM16	22.55	-3.45	16.95	38.5	PASS
n5	30	15	166300	18@9	DFT_QAM64	20.72	-3.45	15.12	38.5	PASS
n5	30	15	166300	1@1	DFT_QAM64	20.53	-3.45	14.93	38.5	PASS
n5	30	15	166300	1@36	DFT_QAM64	20.70	-3.45	15.10	38.5	PASS
n5	30	15	166300	18@9	DFT_QAM256	18.70	-3.45	13.10	38.5	PASS
n5	30	15	166300	1@1	DFT_QAM256	18.70	-3.45	13.10	38.5	PASS
n5	30	15	166300	1@36	DFT_QAM256	18.76	-3.45	13.16	38.5	PASS
n5	30	15	166300	19@9	CP_QPSK	21.61	-3.45	16.01	38.5	PASS
n5	30	15	166300	1@1	CP_QPSK	21.39	-3.45	15.79	38.5	PASS
n5	30	15	166300	1@36	CP_QPSK	21.53	-3.45	15.93	38.5	PASS
n5	30	15	166300	19@9	CP_QAM16	21.11	-3.45	15.51	38.5	PASS
n5	30	15	166300	1@1	CP_QAM16	21.35	-3.45	15.75	38.5	PASS
n5	30	15	166300	1@36	CP_QAM16	21.23	-3.45	15.63	38.5	PASS
n5	30	15	166300	19@9	CP_QAM64	19.59	-3.45	13.99	38.5	PASS
n5	30	15	166300	1@1	CP_QAM64	19.44	-3.45	13.84	38.5	PASS
n5	30	15	166300	1@36	CP_QAM64	19.59	-3.45	13.99	38.5	PASS
n5	30	15	166300	19@9	CP_QAM256	16.69	-3.45	11.09	38.5	PASS
n5	30	15	166300	1@1	CP_QAM256	16.94	-3.45	11.34	38.5	PASS
n5	30	15	166300	1@36	CP_QAM256	16.99	-3.45	11.39	38.5	PASS
n5	30	15	167300	18@9	DFT_BPSK	23.15	-3.45	17.55	38.5	PASS
n5	30	15	167300	1@1	DFT_BPSK	23.04	-3.45	17.44	38.5	PASS
n5	30	15	167300	1@36	DFT_BPSK	23.02	-3.45	17.42	38.5	PASS
n5	30	15	167300	18@9	DFT_QPSK	23.15	-3.45	17.55	38.5	PASS
n5	30	15	167300	1@1	DFT_QPSK	22.90	-3.45	17.30	38.5	PASS
n5	30	15	167300	1@36	DFT_QPSK	22.98	-3.45	17.38	38.5	PASS
n5	30	15	167300	18@9	DFT_QAM16	22.26	-3.45	16.66	38.5	PASS
n5	30	15	167300	1@1	DFT_QAM16	22.40	-3.45	16.80	38.5	PASS
n5	30	15	167300	1@36	DFT_QAM16	22.50	-3.45	16.90	38.5	PASS
n5	30	15	167300	18@9	DFT_QAM64	20.77	-3.45	15.17	38.5	PASS
n5	30	15	167300	1@1	DFT_QAM64	20.49	-3.45	14.89	38.5	PASS
n5	30	15	167300	1@36	DFT_QAM64	20.78	-3.45	15.18	38.5	PASS
n5	30	15	167300	18@9	DFT_QAM256	18.72	-3.45	13.12	38.5	PASS
n5	30	15	167300	1@1	DFT_QAM256	18.81	-3.45	13.21	38.5	PASS
n5	30	15	167300	1@36	DFT_QAM256	18.90	-3.45	13.30	38.5	PASS
n5	30	15	167300	19@9	CP_QPSK	21.64	-3.45	16.04	38.5	PASS
n5	30	15	167300	1@1	CP_QPSK	21.43	-3.45	15.83	38.5	PASS
n5	30	15	167300	1@36	CP_QPSK	21.43	-3.45	15.83	38.5	PASS

n5	30	15	167300	19@9	CP_QAM16	21.11	-3.45	15.51	38.5	PASS
n5	30	15	167300	1@1	CP_QAM16	21.15	-3.45	15.55	38.5	PASS
n5	30	15	167300	1@36	CP_QAM16	21.08	-3.45	15.48	38.5	PASS
n5	30	15	167300	19@9	CP_QAM64	19.70	-3.45	14.10	38.5	PASS
n5	30	15	167300	1@1	CP_QAM64	19.10	-3.45	13.50	38.5	PASS
n5	30	15	167300	1@36	CP_QAM64	19.68	-3.45	14.08	38.5	PASS
n5	30	15	167300	19@9	CP_QAM256	16.55	-3.45	10.95	38.5	PASS
n5	30	15	167300	1@1	CP_QAM256	16.63	-3.45	11.03	38.5	PASS
n5	30	15	167300	1@36	CP_QAM256	16.62	-3.45	11.02	38.5	PASS
n5	30	15	168300	18@9	DFT_BPSK	23.18	-3.45	17.58	38.5	PASS
n5	30	15	168300	1@1	DFT_BPSK	23.08	-3.45	17.48	38.5	PASS
n5	30	15	168300	1@36	DFT_BPSK	23.04	-3.45	17.44	38.5	PASS
n5	30	15	168300	18@9	DFT_QPSK	23.15	-3.45	17.55	38.5	PASS
n5	30	15	168300	1@1	DFT_QPSK	22.96	-3.45	17.36	38.5	PASS
n5	30	15	168300	1@36	DFT_QPSK	22.89	-3.45	17.29	38.5	PASS
n5	30	15	168300	18@9	DFT_QAM16	22.25	-3.45	16.65	38.5	PASS
n5	30	15	168300	1@1	DFT_QAM16	22.30	-3.45	16.70	38.5	PASS
n5	30	15	168300	1@36	DFT_QAM16	22.44	-3.45	16.84	38.5	PASS
n5	30	15	168300	18@9	DFT_QAM64	20.76	-3.45	15.16	38.5	PASS
n5	30	15	168300	1@1	DFT_QAM64	20.52	-3.45	14.92	38.5	PASS
n5	30	15	168300	1@36	DFT_QAM64	20.74	-3.45	15.14	38.5	PASS
n5	30	15	168300	18@9	DFT_QAM256	18.56	-3.45	12.96	38.5	PASS
n5	30	15	168300	1@1	DFT_QAM256	18.90	-3.45	13.30	38.5	PASS
n5	30	15	168300	1@36	DFT_QAM256	18.85	-3.45	13.25	38.5	PASS
n5	30	15	168300	19@9	CP_QPSK	21.67	-3.45	16.07	38.5	PASS
n5	30	15	168300	1@1	CP_QPSK	21.43	-3.45	15.83	38.5	PASS
n5	30	15	168300	1@36	CP_QPSK	21.44	-3.45	15.84	38.5	PASS
n5	30	15	168300	19@9	CP_QAM16	21.07	-3.45	15.47	38.5	PASS
n5	30	15	168300	1@1	CP_QAM16	21.54	-3.45	15.94	38.5	PASS
n5	30	15	168300	1@36	CP_QAM16	21.40	-3.45	15.80	38.5	PASS
n5	30	15	168300	19@9	CP_QAM64	19.68	-3.45	14.08	38.5	PASS
n5	30	15	168300	1@1	CP_QAM64	19.21	-3.45	13.61	38.5	PASS
n5	30	15	168300	1@36	CP_QAM64	19.73	-3.45	14.13	38.5	PASS
n5	30	15	168300	19@9	CP_QAM256	16.71	-3.45	11.11	38.5	PASS
n5	30	15	168300	1@1	CP_QAM256	16.60	-3.45	11.00	38.5	PASS
n5	30	15	168300	1@36	CP_QAM256	16.92	-3.45	11.32	38.5	PASS
n5	30	20	166800	25@12	DFT_BPSK	23.11	-3.45	17.51	38.5	PASS
n5	30	20	166800	1@1	DFT_BPSK	22.85	-3.45	17.25	38.5	PASS
n5	30	20	166800	1@49	DFT_BPSK	23.00	-3.45	17.40	38.5	PASS
n5	30	20	166800	25@12	DFT_QPSK	23.12	-3.45	17.52	38.5	PASS
n5	30	20	166800	1@1	DFT_QPSK	22.81	-3.45	17.21	38.5	PASS
n5	30	20	166800	1@49	DFT_QPSK	22.92	-3.45	17.32	38.5	PASS
n5	30	20	166800	25@12	DFT_QAM16	22.19	-3.45	16.59	38.5	PASS
n5	30	20	166800	1@1	DFT_QAM16	22.45	-3.45	16.85	38.5	PASS

n5	30	20	166800	1@49	DFT_QAM16	22.60	-3.45	17.00	38.5	PASS
n5	30	20	166800	25@12	DFT_QAM64	20.70	-3.45	15.10	38.5	PASS
n5	30	20	166800	1@1	DFT_QAM64	20.54	-3.45	14.94	38.5	PASS
n5	30	20	166800	1@49	DFT_QAM64	20.67	-3.45	15.07	38.5	PASS
n5	30	20	166800	25@12	DFT_QAM256	18.48	-3.45	12.88	38.5	PASS
n5	30	20	166800	1@1	DFT_QAM256	18.61	-3.45	13.01	38.5	PASS
n5	30	20	166800	1@49	DFT_QAM256	18.79	-3.45	13.19	38.5	PASS
n5	30	20	166800	25@12	CP_QPSK	21.65	-3.45	16.05	38.5	PASS
n5	30	20	166800	1@1	CP_QPSK	21.33	-3.45	15.73	38.5	PASS
n5	30	20	166800	1@49	CP_QPSK	21.47	-3.45	15.87	38.5	PASS
n5	30	20	166800	25@12	CP_QAM16	21.17	-3.45	15.57	38.5	PASS
n5	30	20	166800	1@1	CP_QAM16	21.05	-3.45	15.45	38.5	PASS
n5	30	20	166800	1@49	CP_QAM16	20.98	-3.45	15.38	38.5	PASS
n5	30	20	166800	25@12	CP_QAM64	19.62	-3.45	14.02	38.5	PASS
n5	30	20	166800	1@1	CP_QAM64	19.49	-3.45	13.89	38.5	PASS
n5	30	20	166800	1@49	CP_QAM64	19.67	-3.45	14.07	38.5	PASS
n5	30	20	166800	25@12	CP_QAM256	16.67	-3.45	11.07	38.5	PASS
n5	30	20	166800	1@1	CP_QAM256	16.74	-3.45	11.14	38.5	PASS
n5	30	20	166800	1@49	CP_QAM256	16.85	-3.45	11.25	38.5	PASS
n5	30	20	167300	25@12	DFT_BPSK	23.17	-3.45	17.57	38.5	PASS
n5	30	20	167300	1@1	DFT_BPSK	22.85	-3.45	17.25	38.5	PASS
n5	30	20	167300	1@49	DFT_BPSK	22.91	-3.45	17.31	38.5	PASS
n5	30	20	167300	25@12	DFT_QPSK	23.18	-3.45	17.58	38.5	PASS
n5	30	20	167300	1@1	DFT_QPSK	22.83	-3.45	17.23	38.5	PASS
n5	30	20	167300	1@49	DFT_QPSK	22.85	-3.45	17.25	38.5	PASS
n5	30	20	167300	25@12	DFT_QAM16	22.24	-3.45	16.64	38.5	PASS
n5	30	20	167300	1@1	DFT_QAM16	22.24	-3.45	16.64	38.5	PASS
n5	30	20	167300	1@49	DFT_QAM16	22.08	-3.45	16.48	38.5	PASS
n5	30	20	167300	25@12	DFT_QAM64	20.67	-3.45	15.07	38.5	PASS
n5	30	20	167300	1@1	DFT_QAM64	20.52	-3.45	14.92	38.5	PASS
n5	30	20	167300	1@49	DFT_QAM64	20.63	-3.45	15.03	38.5	PASS
n5	30	20	167300	25@12	DFT_QAM256	18.53	-3.45	12.93	38.5	PASS
n5	30	20	167300	1@1	DFT_QAM256	18.73	-3.45	13.13	38.5	PASS
n5	30	20	167300	1@49	DFT_QAM256	18.65	-3.45	13.05	38.5	PASS
n5	30	20	167300	25@12	CP_QPSK	21.55	-3.45	15.95	38.5	PASS
n5	30	20	167300	1@1	CP_QPSK	21.33	-3.45	15.73	38.5	PASS
n5	30	20	167300	1@49	CP_QPSK	21.32	-3.45	15.72	38.5	PASS
n5	30	20	167300	25@12	CP_QAM16	21.12	-3.45	15.52	38.5	PASS
n5	30	20	167300	1@1	CP_QAM16	21.38	-3.45	15.78	38.5	PASS
n5	30	20	167300	1@49	CP_QAM16	20.98	-3.45	15.38	38.5	PASS
n5	30	20	167300	25@12	CP_QAM64	19.71	-3.45	14.11	38.5	PASS
n5	30	20	167300	1@1	CP_QAM64	19.64	-3.45	14.04	38.5	PASS
n5	30	20	167300	1@49	CP_QAM64	19.11	-3.45	13.51	38.5	PASS
n5	30	20	167300	25@12	CP_QAM256	16.64	-3.45	11.04	38.5	PASS

n5	30	20	167300	1@1	CP_QAM256	16.33	-3.45	10.73	38.5	PASS
n5	30	20	167300	1@49	CP_QAM256	16.83	-3.45	11.23	38.5	PASS
n5	30	20	167800	25@12	DFT_BPSK	23.14	-3.45	17.54	38.5	PASS
n5	30	20	167800	1@1	DFT_BPSK	22.95	-3.45	17.35	38.5	PASS
n5	30	20	167800	1@49	DFT_BPSK	22.93	-3.45	17.33	38.5	PASS
n5	30	20	167800	25@12	DFT_QPSK	23.17	-3.45	17.57	38.5	PASS
n5	30	20	167800	1@1	DFT_QPSK	22.83	-3.45	17.23	38.5	PASS
n5	30	20	167800	1@49	DFT_QPSK	22.81	-3.45	17.21	38.5	PASS
n5	30	20	167800	25@12	DFT_QAM16	22.25	-3.45	16.65	38.5	PASS
n5	30	20	167800	1@1	DFT_QAM16	22.50	-3.45	16.90	38.5	PASS
n5	30	20	167800	1@49	DFT_QAM16	22.44	-3.45	16.84	38.5	PASS
n5	30	20	167800	25@12	DFT_QAM64	20.65	-3.45	15.05	38.5	PASS
n5	30	20	167800	1@1	DFT_QAM64	20.58	-3.45	14.98	38.5	PASS
n5	30	20	167800	1@49	DFT_QAM64	20.46	-3.45	14.86	38.5	PASS
n5	30	20	167800	25@12	DFT_QAM256	18.58	-3.45	12.98	38.5	PASS
n5	30	20	167800	1@1	DFT_QAM256	18.64	-3.45	13.04	38.5	PASS
n5	30	20	167800	1@49	DFT_QAM256	18.61	-3.45	13.01	38.5	PASS
n5	30	20	167800	25@12	CP_QPSK	21.63	-3.45	16.03	38.5	PASS
n5	30	20	167800	1@1	CP_QPSK	21.35	-3.45	15.75	38.5	PASS
n5	30	20	167800	1@49	CP_QPSK	21.35	-3.45	15.75	38.5	PASS
n5	30	20	167800	25@12	CP_QAM16	21.21	-3.45	15.61	38.5	PASS
n5	30	20	167800	1@1	CP_QAM16	21.10	-3.45	15.50	38.5	PASS
n5	30	20	167800	1@49	CP_QAM16	21.00	-3.45	15.40	38.5	PASS
n5	30	20	167800	25@12	CP_QAM64	19.67	-3.45	14.07	38.5	PASS
n5	30	20	167800	1@1	CP_QAM64	19.36	-3.45	13.76	38.5	PASS
n5	30	20	167800	1@49	CP_QAM64	19.40	-3.45	13.80	38.5	PASS
n5	30	20	167800	25@12	CP_QAM256	16.64	-3.45	11.04	38.5	PASS
n5	30	20	167800	1@1	CP_QAM256	16.80	-3.45	11.20	38.5	PASS
n5	30	20	167800	1@49	CP_QAM256	16.90	-3.45	11.30	38.5	PASS

2 Frequency stability for NR FR1

NT:

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Voltage (Vdc)	Result(H z)	Result (ppm)	Limit (ppm)	Verdict
n5	30	20	167300	25@12	DFT_BPSK	3.87	-9.32	-0.01	Within authorized band for 5G NR n5	PASS
n5	30	20	167300	25@12	DFT_BPSK	3.45	-8.14	-0.01		PASS
n5	30	20	167300	25@12	DFT_BPSK	4.45	-8.32	-0.01		PASS
n5	30	20	167300	25@12	DFT_QPSK	3.87	-8.32	-0.01		PASS
n5	30	20	167300	25@12	DFT_QPSK	3.45	-7.57	-0.01		PASS
n5	30	20	167300	25@12	DFT_QPSK	4.45	-3.83	0.00		PASS

Note: Only the worst case shown in the report.

NV:

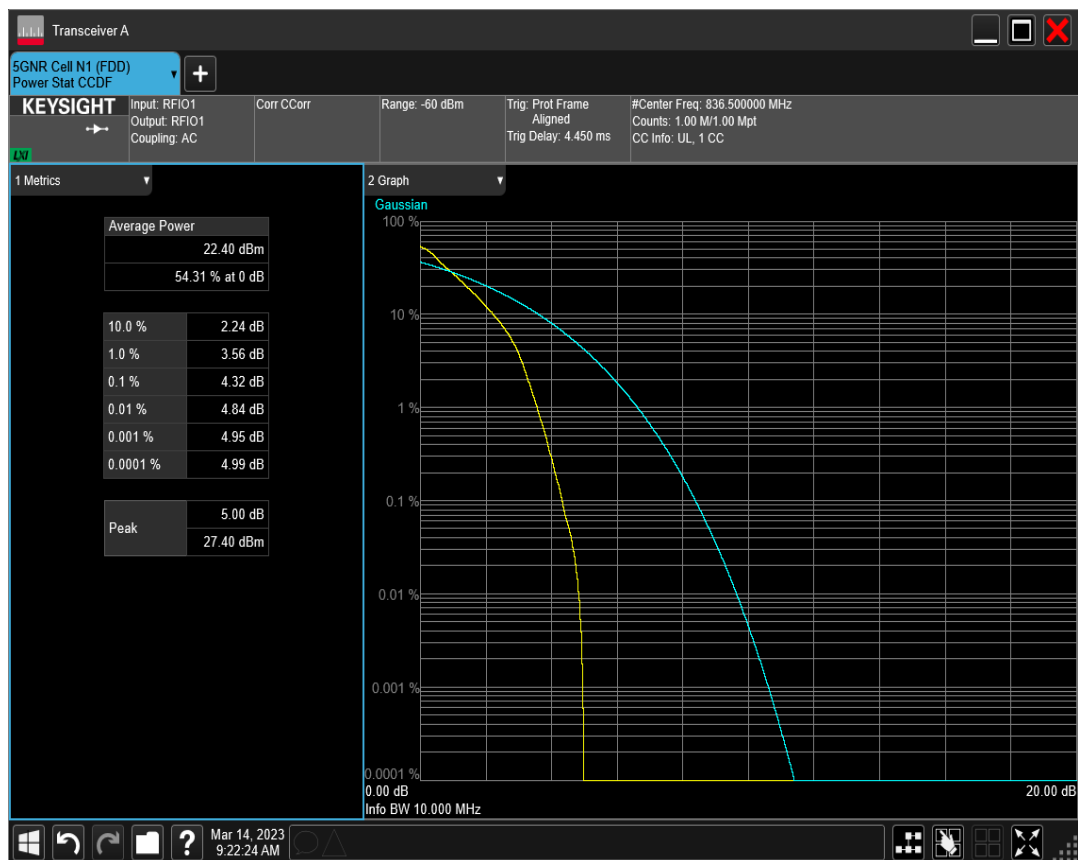
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Temper ature(°C)	Result(H z)	Result (ppm)	Limit (ppm)	Verdict
n5	30	20	167300	25@12	DFT_BPSK	-30	-9.21	0.00	Within authorized band for 5G NR n5	PASS
n5	30	20	167300	25@12	DFT_BPSK	-20	-8.27	0.00		PASS
n5	30	20	167300	25@12	DFT_BPSK	-10	-7.87	0.00		PASS
n5	30	20	167300	25@12	DFT_BPSK	0	-8.69	0.00		PASS
n5	30	20	167300	25@12	DFT_BPSK	10	-7.34	0.00		PASS
n5	30	20	167300	25@12	DFT_BPSK	20	-3.43	0.00		PASS
n5	30	20	167300	25@12	DFT_BPSK	30	-9.61	0.00		PASS
n5	30	20	167300	25@12	DFT_BPSK	40	-10.8	0.00		PASS
n5	30	20	167300	25@12	DFT_BPSK	50	-7.43	0.00		PASS
n5	30	20	167300	25@12	DFT_QPSK	-30	-8.31	0.00		PASS
n5	30	20	167300	25@12	DFT_QPSK	-20	-8.69	0.00		PASS
n5	30	20	167300	25@12	DFT_QPSK	-10	-8.61	0.00		PASS
n5	30	20	167300	25@12	DFT_QPSK	0	-8.3	0.00		PASS
n5	30	20	167300	25@12	DFT_QPSK	10	-8.35	0.00		PASS
n5	30	20	167300	25@12	DFT_QPSK	20	-7.84	0.00		PASS
n5	30	20	167300	25@12	DFT_QPSK	30	-8.47	0.00		PASS
n5	30	20	167300	25@12	DFT_QPSK	40	-8.3	0.00		PASS
n5	30	20	167300	25@12	DFT_QPSK	50	-8.7	0.00		PASS

Note: Only the worst case shown in the report.

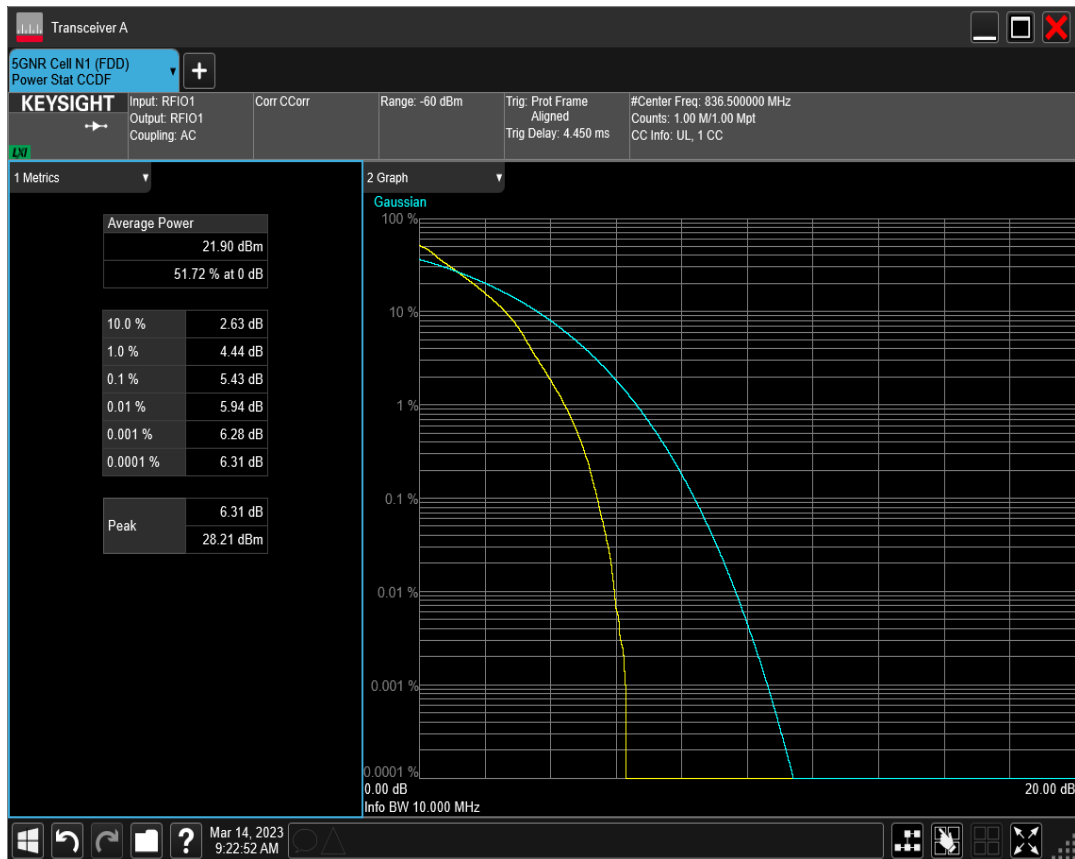
3 Peak-to-Average Ratio for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n5	30	10	167300	24@0	DFT_BPSK	4.32	13	PASS
n5	30	10	167300	24@0	DFT_QPSK	5.43	13	PASS
n5	30	10	167300	24@0	DFT_QAM16	6.34	13	PASS
n5	30	10	167300	24@0	DFT_QAM64	6.43	13	PASS
n5	30	10	167300	24@0	DFT_QAM256	6.80	13	PASS
n5	30	15	167300	36@0	DFT_BPSK	4.47	13	PASS
n5	30	15	167300	36@0	DFT_QPSK	5.46	13	PASS
n5	30	15	167300	36@0	DFT_QAM16	6.25	13	PASS
n5	30	15	167300	36@0	DFT_QAM64	6.55	13	PASS
n5	30	15	167300	36@0	DFT_QAM256	6.76	13	PASS
n5	30	20	167300	50@0	DFT_BPSK	4.38	13	PASS
n5	30	20	167300	50@0	DFT_QPSK	5.54	13	PASS
n5	30	20	167300	50@0	DFT_QAM16	6.26	13	PASS
n5	30	20	167300	50@0	DFT_QAM64	6.56	13	PASS
n5	30	20	167300	50@0	DFT_QAM256	6.68	13	PASS

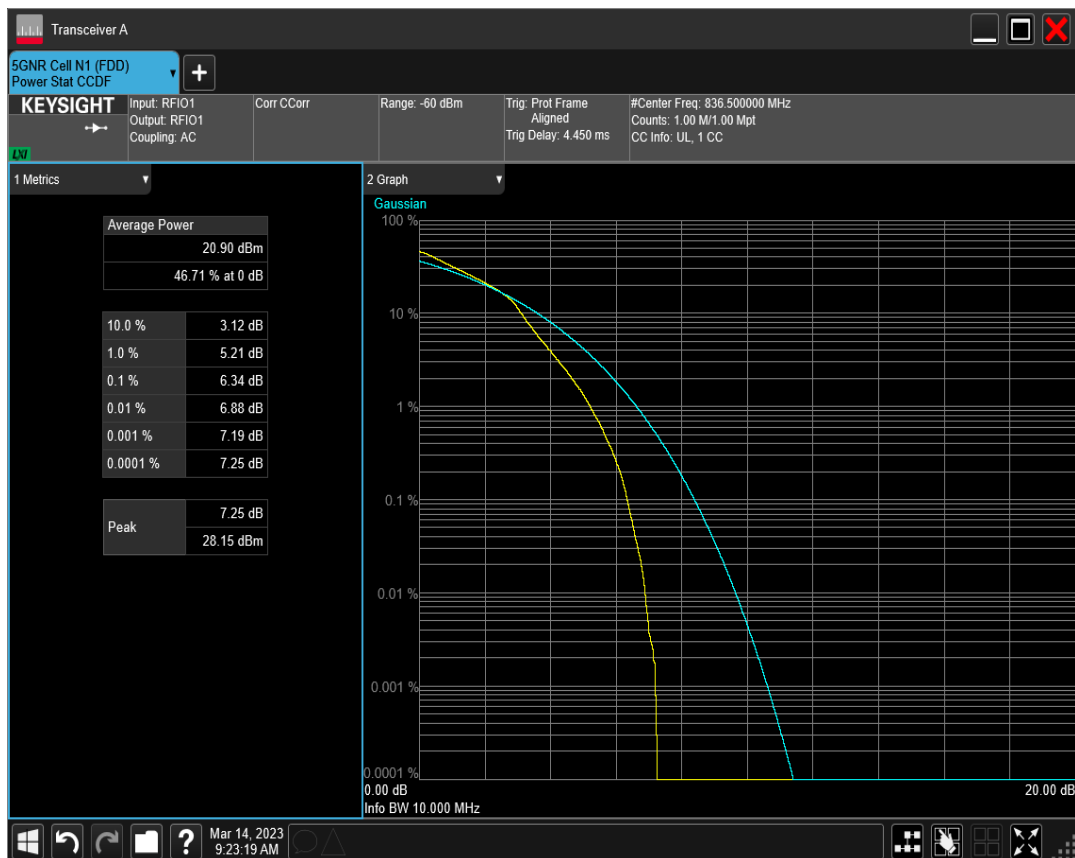
n5 SCS=30kHz DFT_BPSK BW=10MHz Channel=167300 RB=24@0



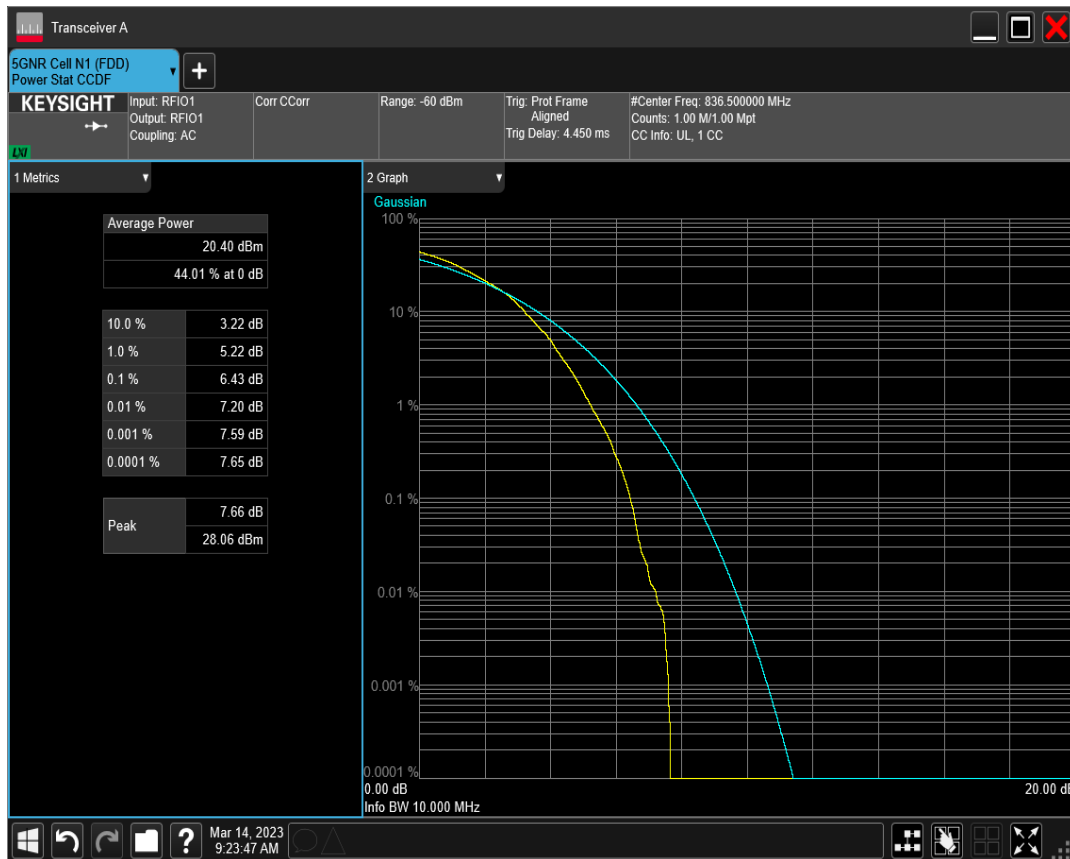
n5 SCS=30kHz DFT_QPSK BW=10MHz Channel=167300 RB=24@0



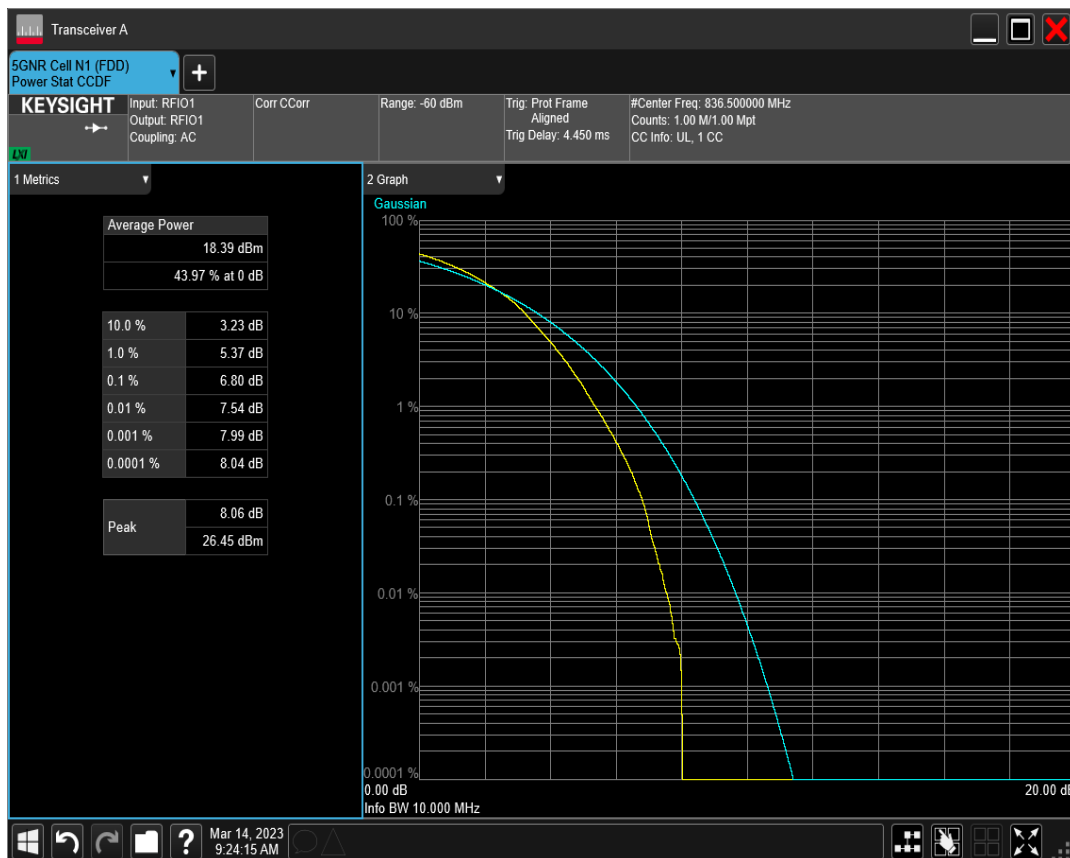
n5 SCS=30kHz DFT_QAM16 BW=10MHz Channel=167300 RB=24@0



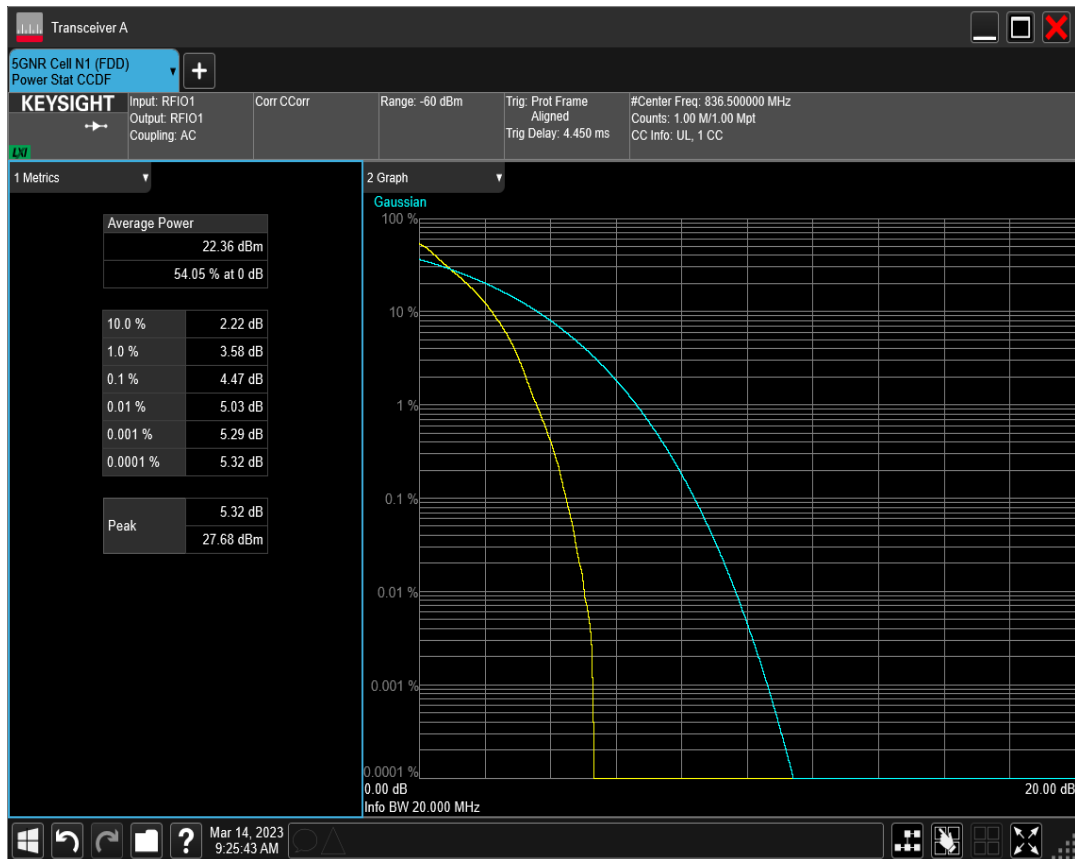
n5 SCS=30kHz DFT_QAM64 BW=10MHz Channel=167300 RB=24@0



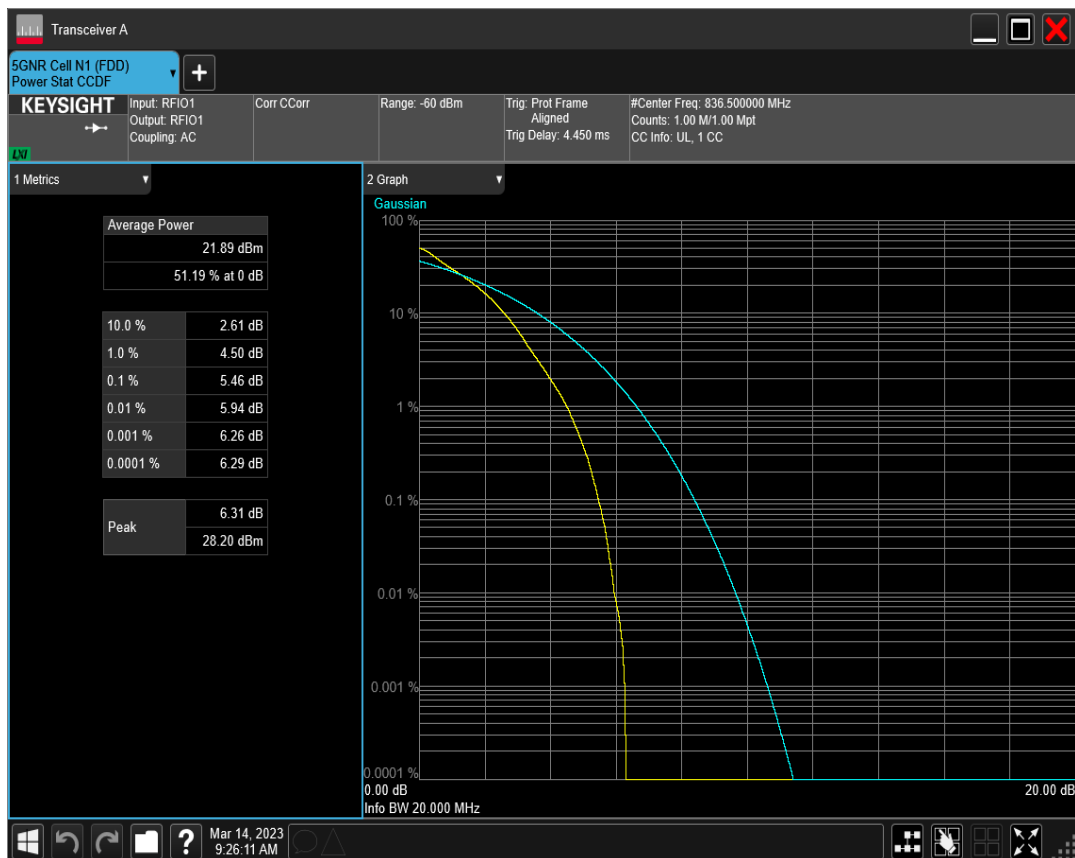
n5 SCS=30kHz DFT_QAM256 BW=10MHz Channel=167300 RB=24@0



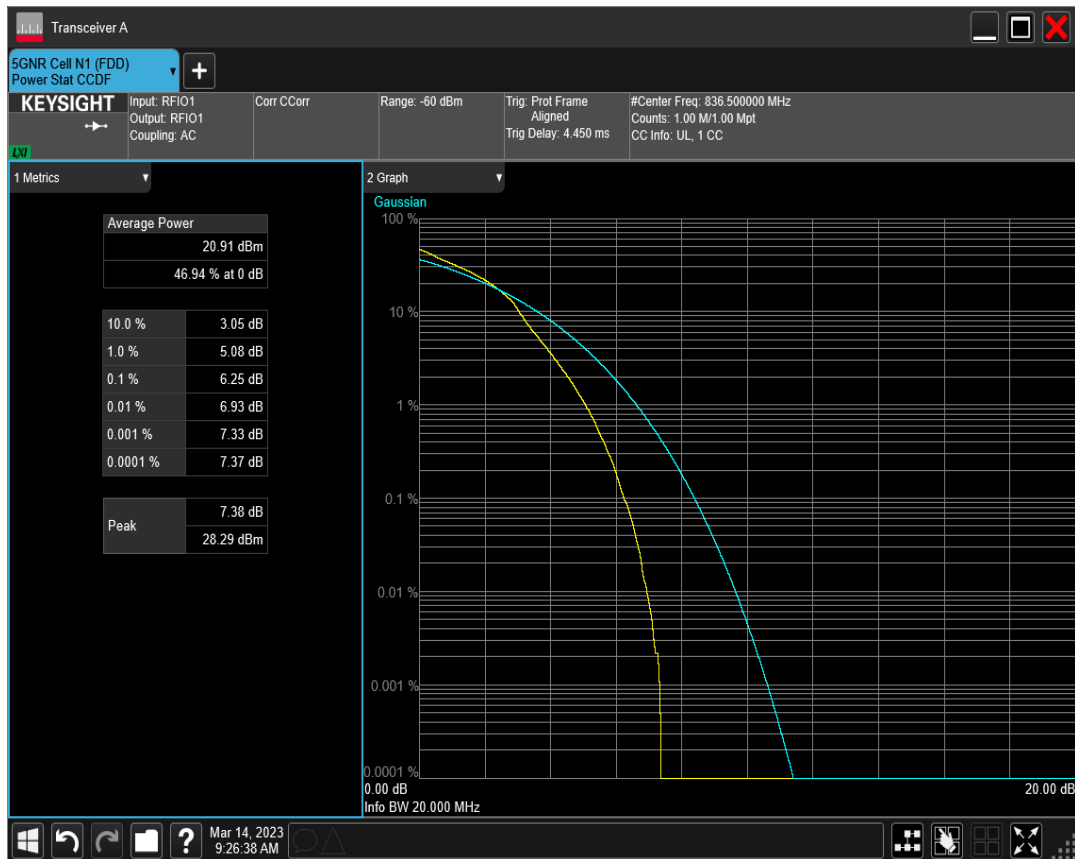
n5 SCS=30kHz DFT_BPSK BW=15MHz Channel=167300 RB=36@0



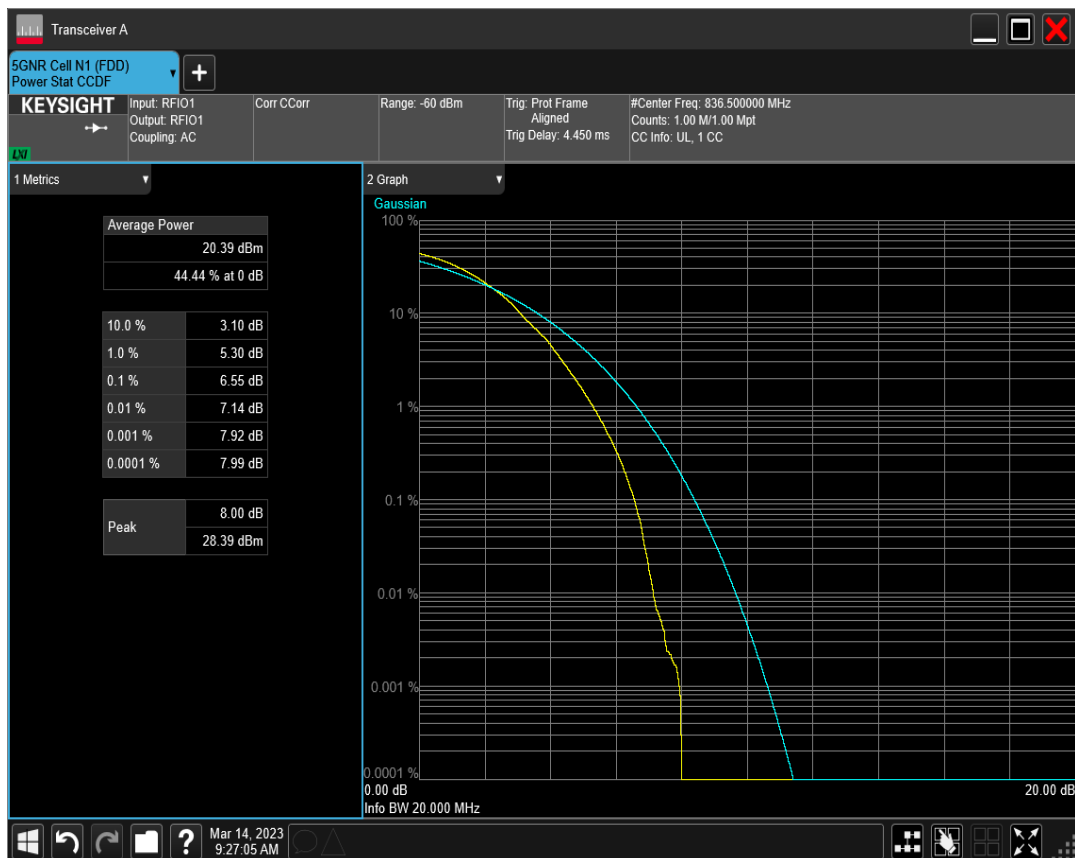
n5 SCS=30kHz DFT_QPSK BW=15MHz Channel=167300 RB=36@0



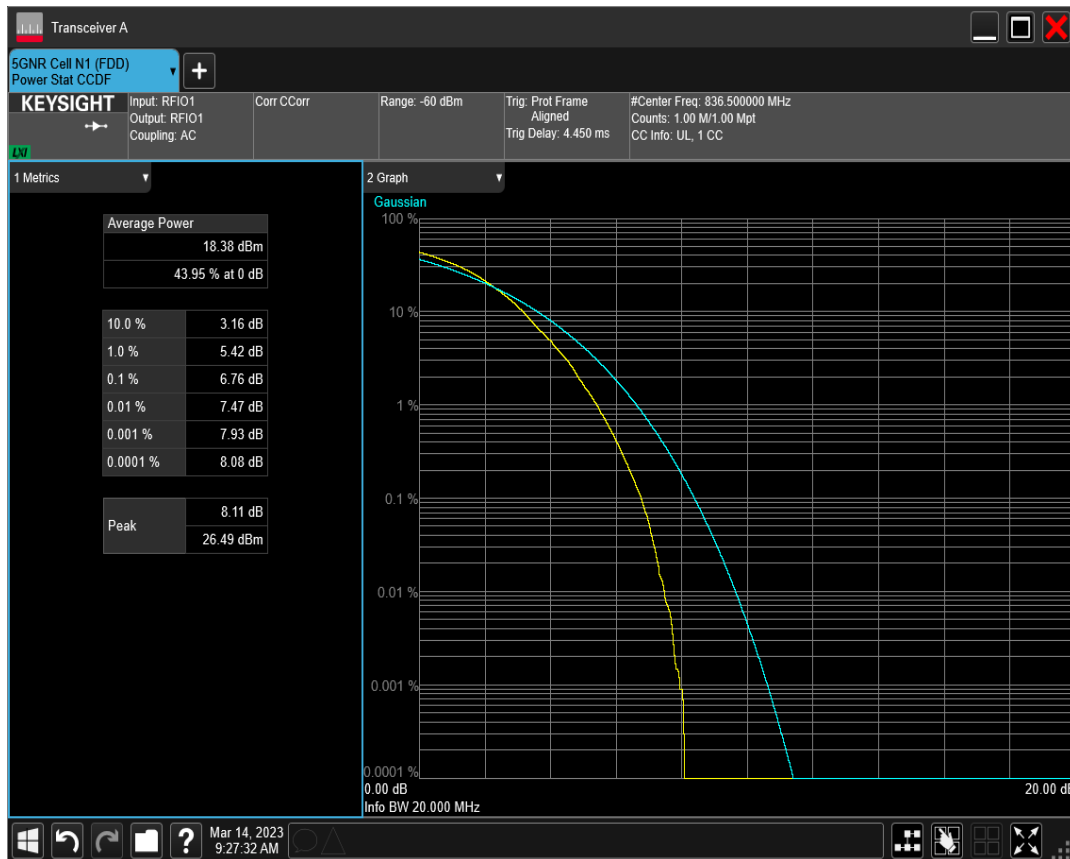
n5 SCS=30kHz DFT_QAM16 BW=15MHz Channel=167300 RB=36@0



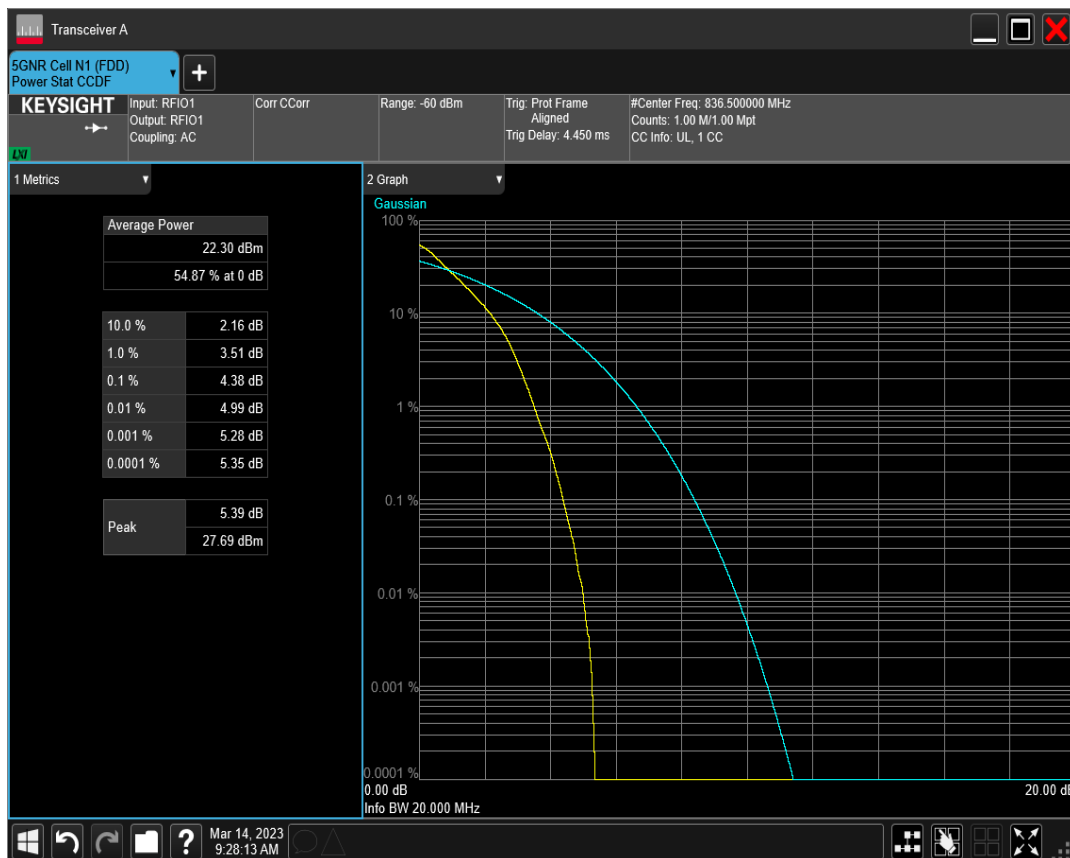
n5 SCS=30kHz DFT_QAM64 BW=15MHz Channel=167300 RB=36@0



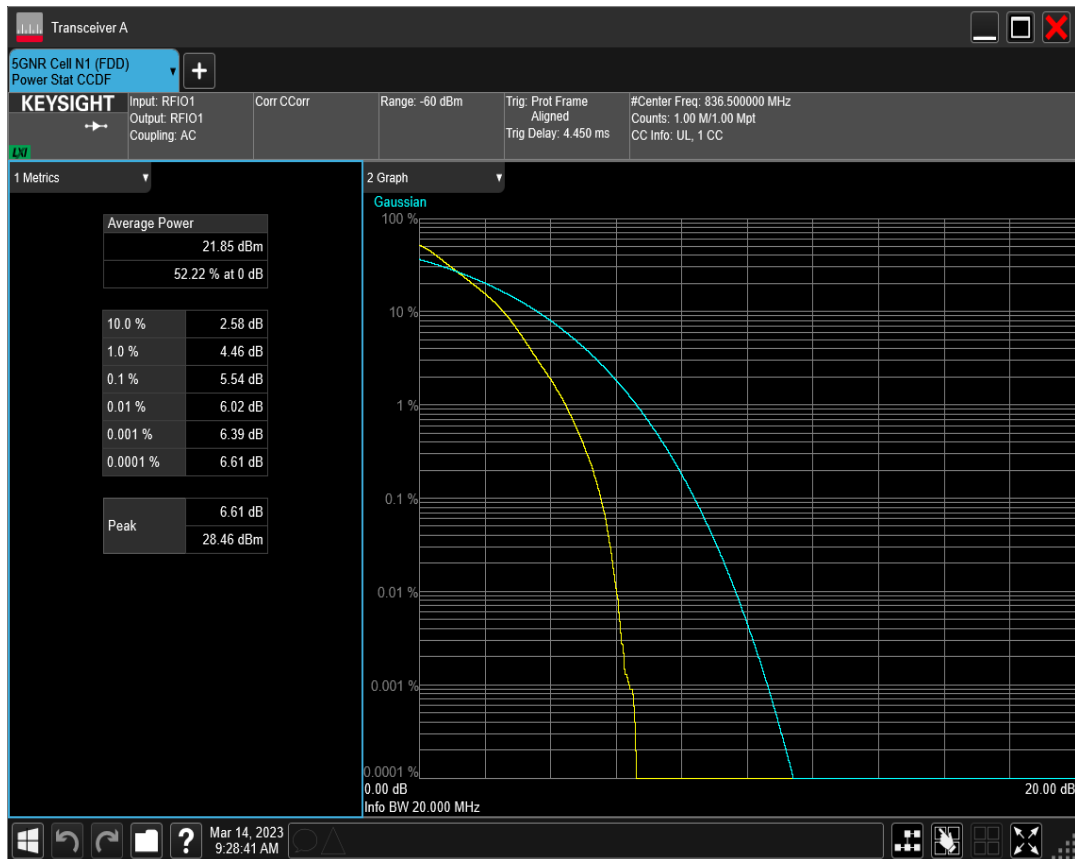
n5 SCS=30kHz DFT_QAM256 BW=15MHz Channel=167300 RB=36@0



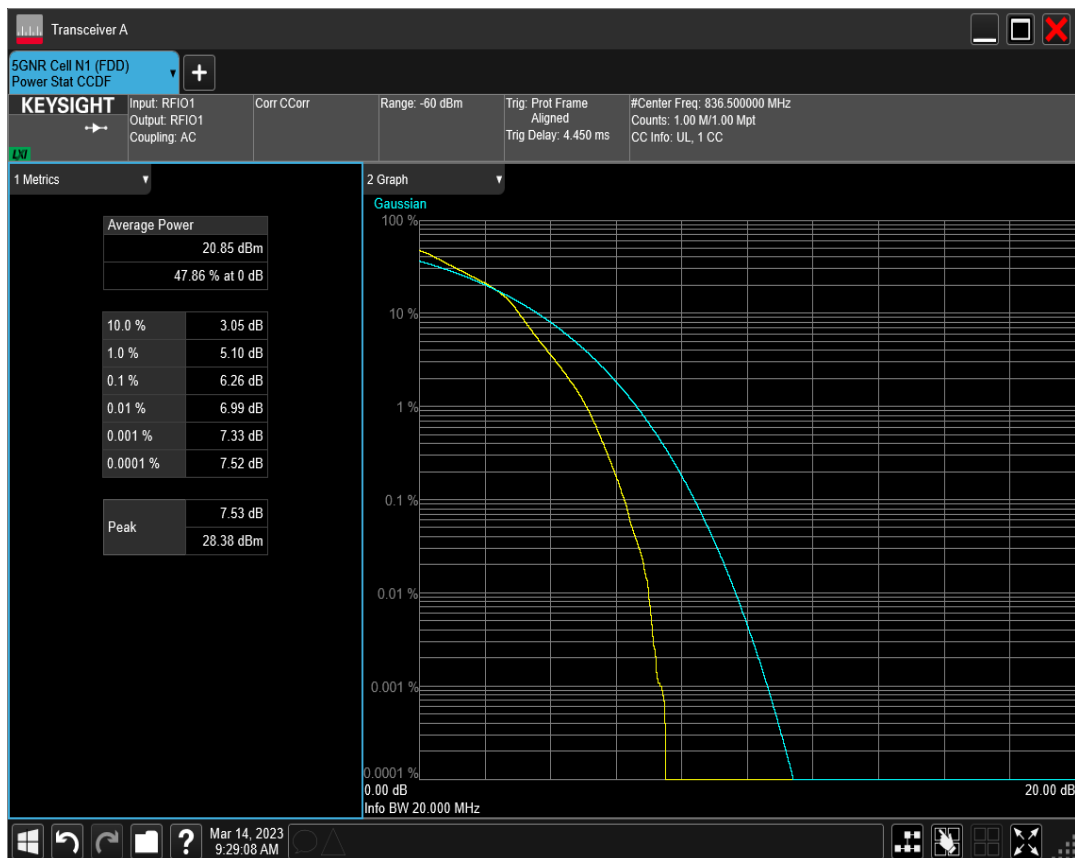
n5 SCS=30kHz DFT_BPSK BW=20MHz Channel=167300 RB=50@0



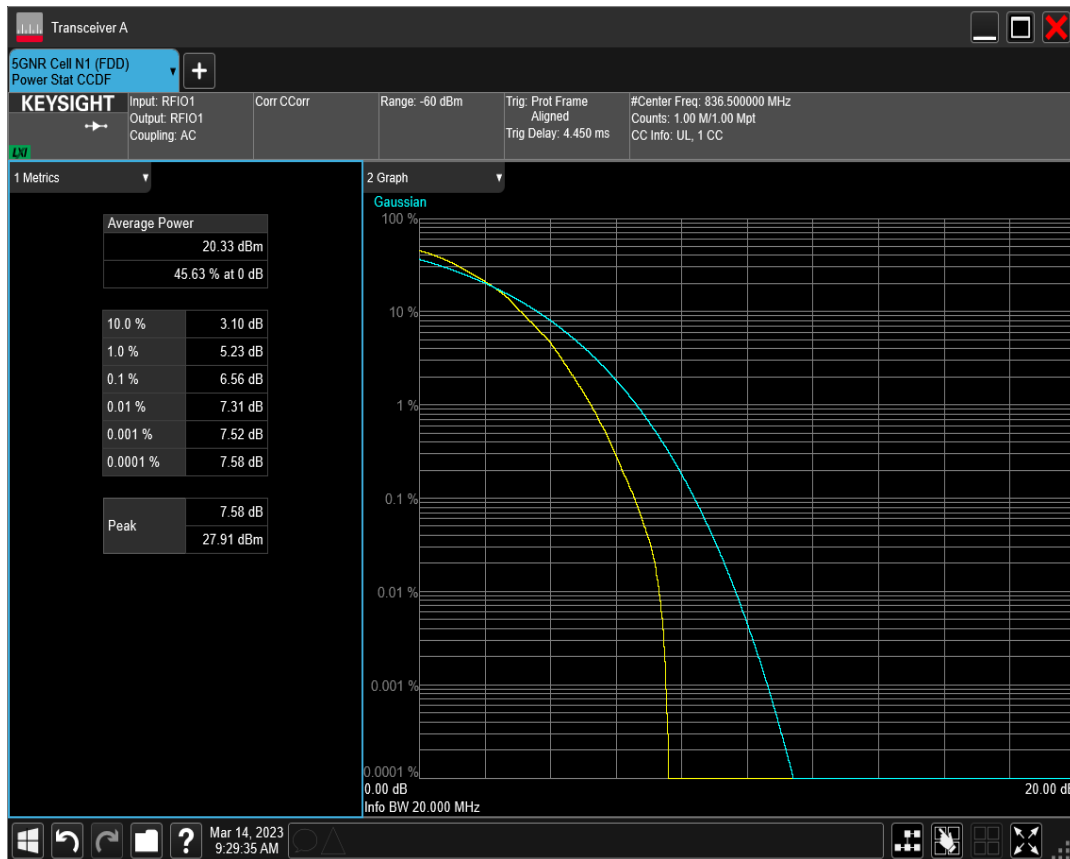
n5 SCS=30kHz DFT_QPSK BW=20MHz Channel=167300 RB=50@0



n5 SCS=30kHz DFT_QAM16 BW=20MHz Channel=167300 RB=50@0



n5 SCS=30kHz DFT_QAM64 BW=20MHz Channel=167300 RB=50@0



n5 SCS=30kHz DFT_QAM256 BW=20MHz Channel=167300 RB=50@0

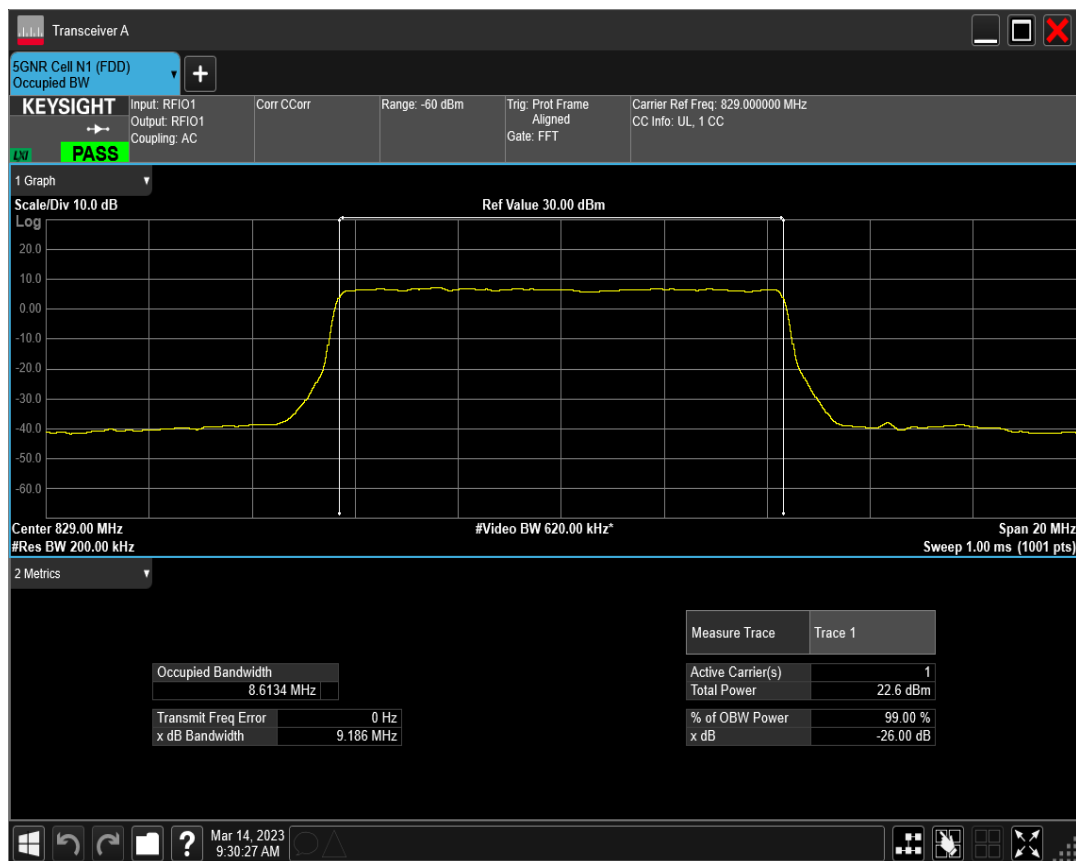


4 Occupied bandwidth for NR FR1

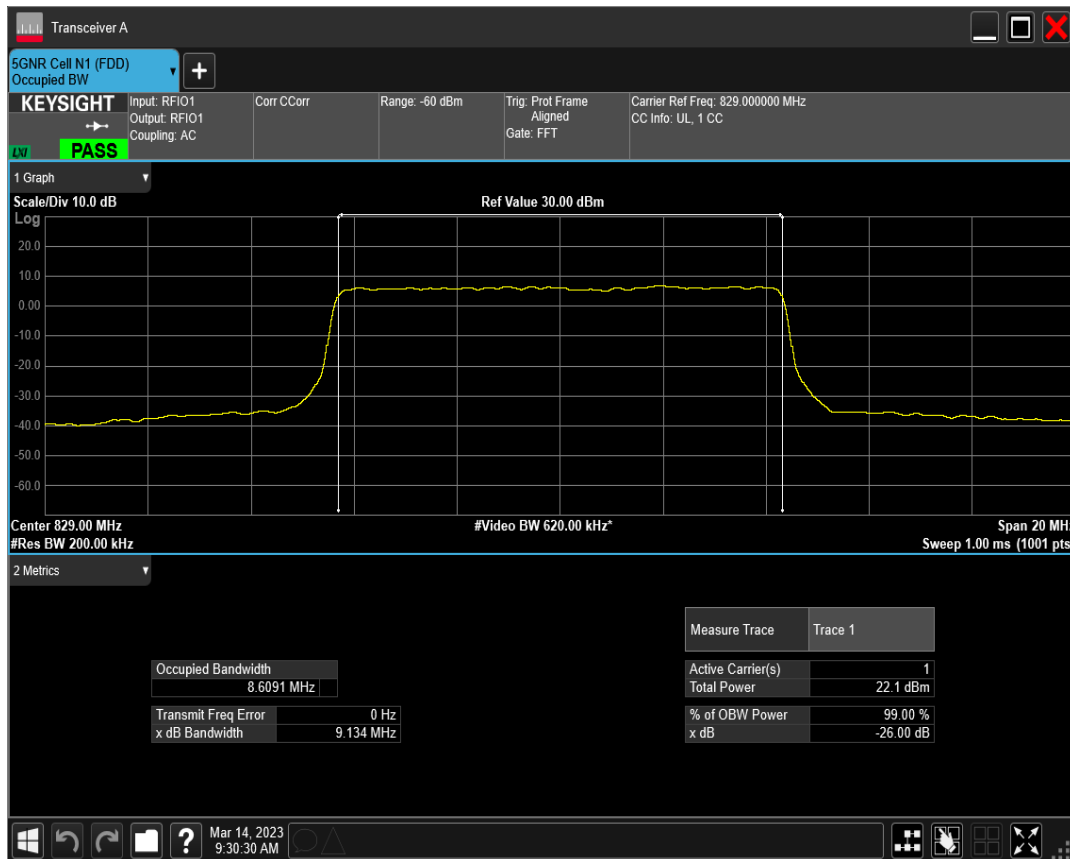
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n5	30	10	165800	24@0	DFT_BPSK	8.610	9.190	PASS
n5	30	10	165800	24@0	DFT_QPSK	8.610	9.130	PASS
n5	30	10	165800	24@0	DFT_QAM16	8.610	9.170	PASS
n5	30	10	165800	24@0	DFT_QAM64	8.620	9.180	PASS
n5	30	10	165800	24@0	DFT_QAM256	8.620	9.200	PASS
n5	30	10	165800	24@0	CP_QPSK	8.620	9.180	PASS
n5	30	10	167300	24@0	DFT_BPSK	8.610	9.150	PASS
n5	30	10	167300	24@0	DFT_QPSK	8.610	9.170	PASS
n5	30	10	167300	24@0	DFT_QAM16	8.610	9.150	PASS
n5	30	10	167300	24@0	DFT_QAM64	8.620	9.170	PASS
n5	30	10	167300	24@0	DFT_QAM256	8.610	9.210	PASS
n5	30	10	167300	24@0	CP_QPSK	8.620	9.240	PASS
n5	30	10	168800	24@0	DFT_BPSK	8.610	9.220	PASS
n5	30	10	168800	24@0	DFT_QPSK	8.610	9.170	PASS
n5	30	10	168800	24@0	DFT_QAM16	8.610	9.220	PASS
n5	30	10	168800	24@0	DFT_QAM64	8.620	9.200	PASS
n5	30	10	168800	24@0	DFT_QAM256	8.610	9.180	PASS
n5	30	10	168800	24@0	CP_QPSK	8.620	9.200	PASS
n5	30	15	166300	36@0	DFT_BPSK	13.460	13.750	PASS
n5	30	15	166300	36@0	DFT_QPSK	13.510	13.670	PASS
n5	30	15	166300	36@0	DFT_QAM16	13.530	13.780	PASS
n5	30	15	166300	36@0	DFT_QAM64	13.520	13.710	PASS
n5	30	15	166300	36@0	DFT_QAM256	13.520	13.730	PASS
n5	30	15	166300	38@0	CP_QPSK	13.630	14.420	PASS
n5	30	15	167300	36@0	DFT_BPSK	13.470	13.720	PASS
n5	30	15	167300	36@0	DFT_QPSK	13.500	13.740	PASS
n5	30	15	167300	36@0	DFT_QAM16	13.520	13.690	PASS
n5	30	15	167300	36@0	DFT_QAM64	13.500	13.730	PASS
n5	30	15	167300	36@0	DFT_QAM256	13.520	13.750	PASS
n5	30	15	167300	38@0	CP_QPSK	13.630	14.410	PASS
n5	30	15	168300	36@0	DFT_BPSK	13.510	13.690	PASS
n5	30	15	168300	36@0	DFT_QPSK	13.510	13.680	PASS
n5	30	15	168300	36@0	DFT_QAM16	13.530	13.720	PASS
n5	30	15	168300	36@0	DFT_QAM64	13.510	13.700	PASS
n5	30	15	168300	36@0	DFT_QAM256	13.460	13.690	PASS
n5	30	15	168300	38@0	CP_QPSK	13.630	14.430	PASS
n5	30	20	166800	50@0	DFT_BPSK	18.090	18.900	PASS
n5	30	20	166800	50@0	DFT_QPSK	18.080	18.890	PASS
n5	30	20	166800	50@0	DFT_QAM16	18.100	18.920	PASS

n5	30	20	166800	50@0	DFT_QAM64	18.090	18.930	PASS
n5	30	20	166800	50@0	DFT_QAM256	18.040	18.880	PASS
n5	30	20	166800	51@0	CP_QPSK	18.270	19.310	PASS
n5	30	20	167300	50@0	DFT_BPSK	18.030	18.920	PASS
n5	30	20	167300	50@0	DFT_QPSK	18.030	18.920	PASS
n5	30	20	167300	50@0	DFT_QAM16	18.100	18.900	PASS
n5	30	20	167300	50@0	DFT_QAM64	18.090	18.930	PASS
n5	30	20	167300	50@0	DFT_QAM256	18.090	18.890	PASS
n5	30	20	167300	51@0	CP_QPSK	18.270	19.290	PASS
n5	30	20	167800	50@0	DFT_BPSK	18.090	18.940	PASS
n5	30	20	167800	50@0	DFT_QPSK	18.100	18.900	PASS
n5	30	20	167800	50@0	DFT_QAM16	18.110	18.900	PASS
n5	30	20	167800	50@0	DFT_QAM64	18.100	18.940	PASS
n5	30	20	167800	50@0	DFT_QAM256	18.100	18.910	PASS
n5	30	20	167800	51@0	CP_QPSK	18.270	19.280	PASS

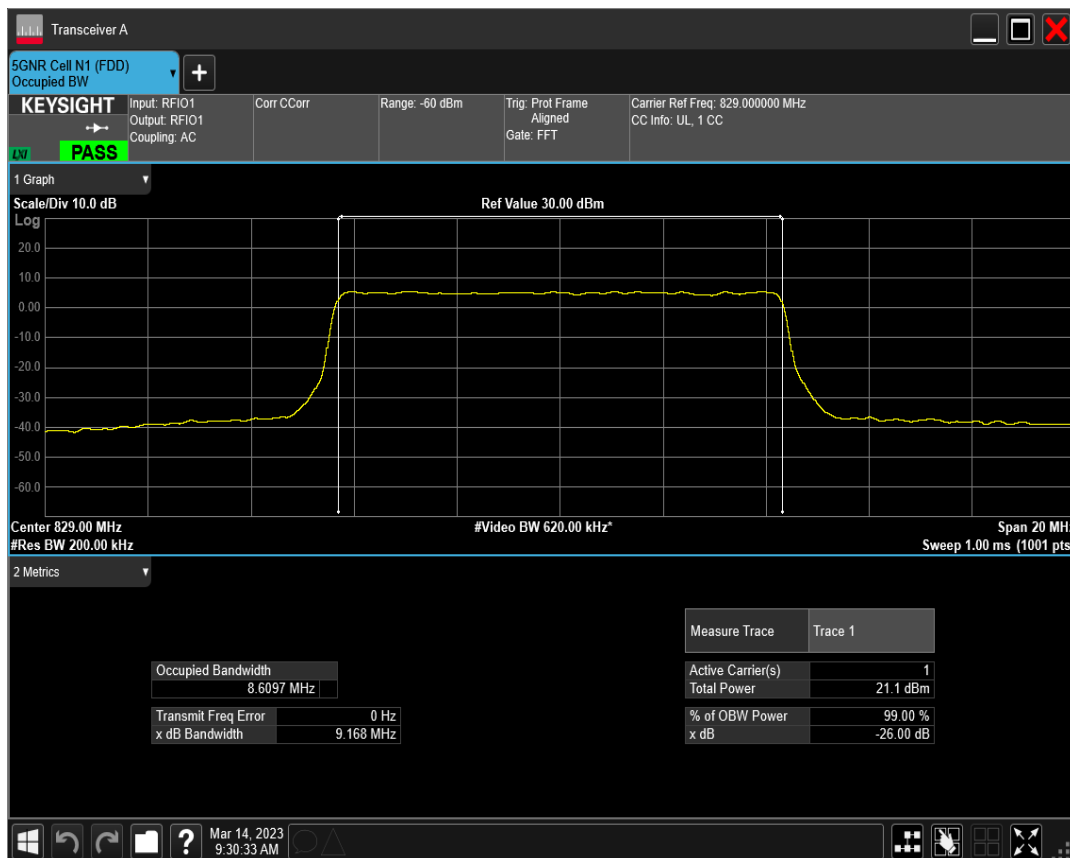
n5 SCS=30kHz DFT_BPSK BW=10MHz Channel=165800 RB=24@0



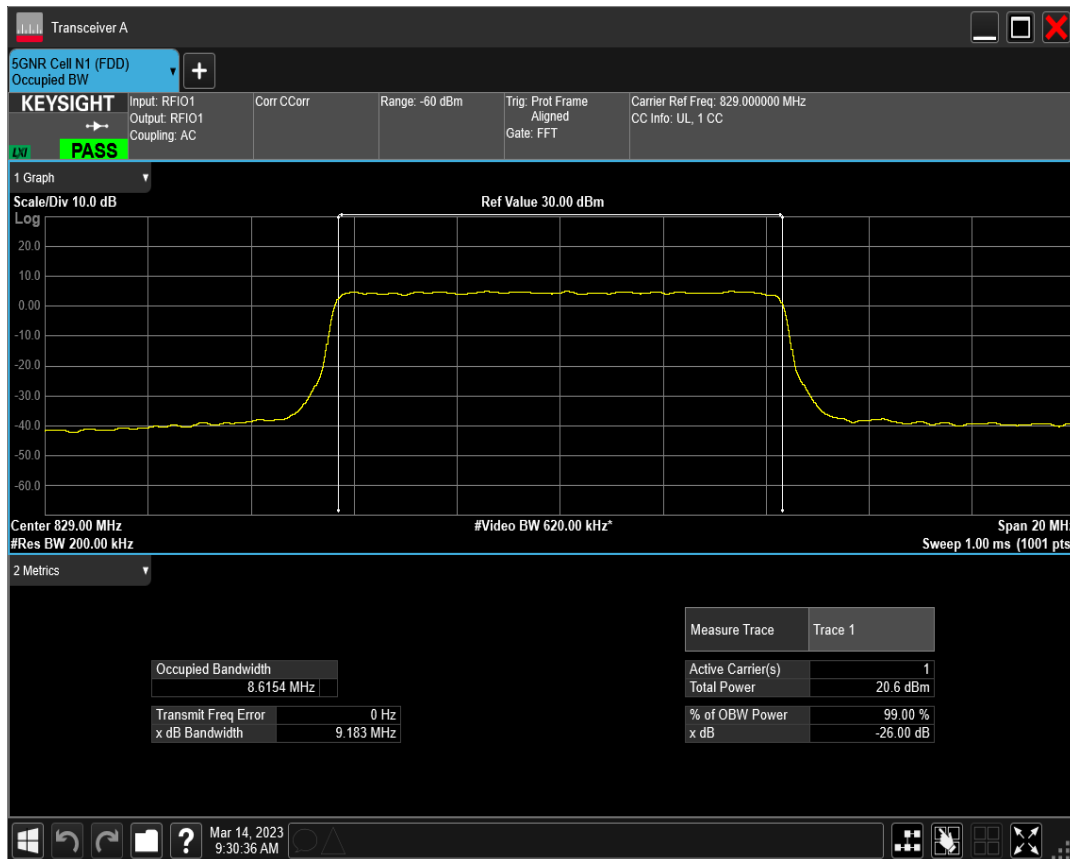
n5 SCS=30kHz DFT_QPSK BW=10MHz Channel=165800 RB=24@0



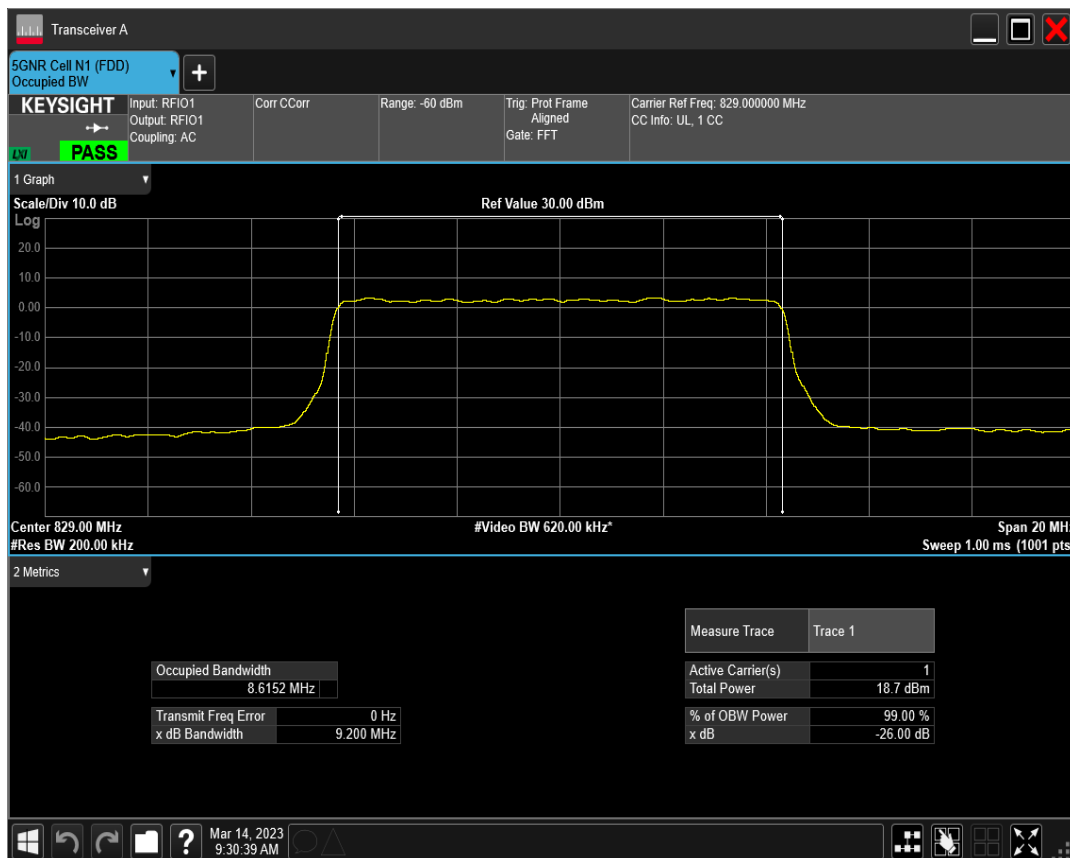
n5 SCS=30kHz DFT_QAM16 BW=10MHz Channel=165800 RB=24@0



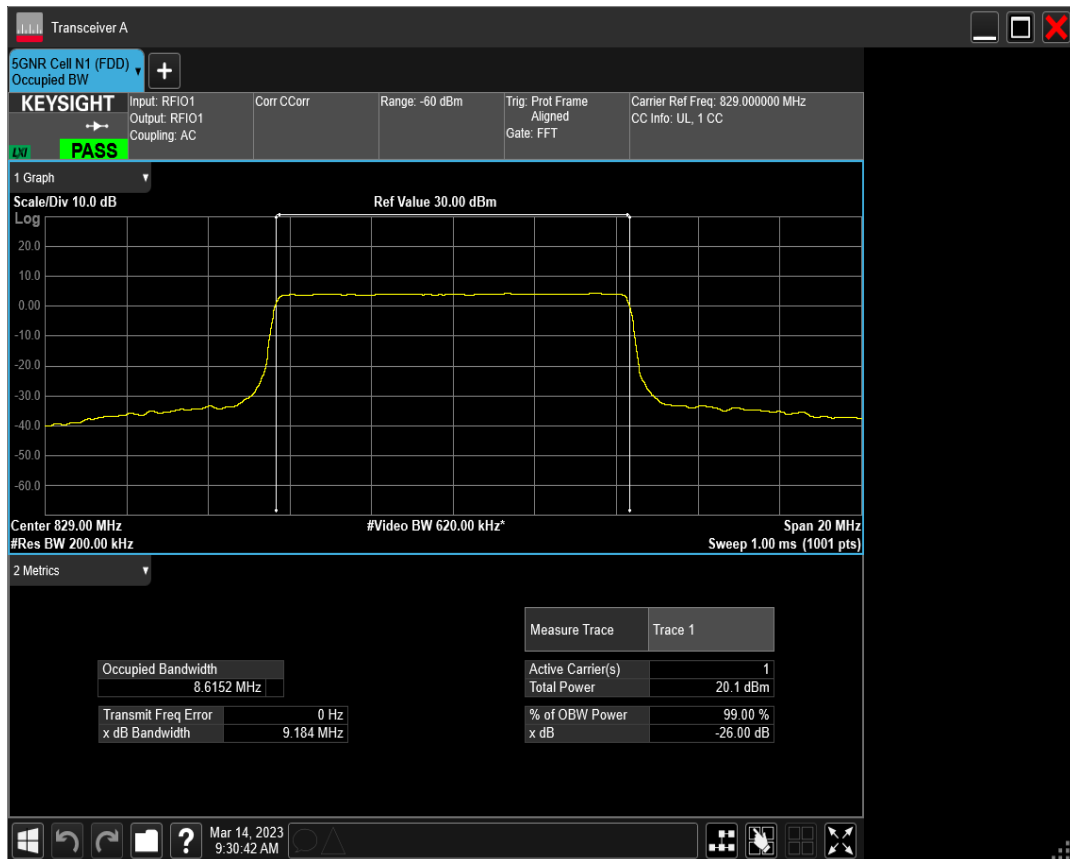
n5 SCS=30kHz DFT_QAM64 BW=10MHz Channel=165800 RB=24@0



n5 SCS=30kHz DFT_QAM256 BW=10MHz Channel=165800 RB=24@0



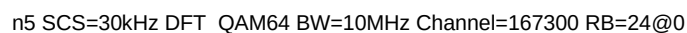
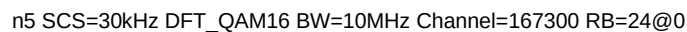
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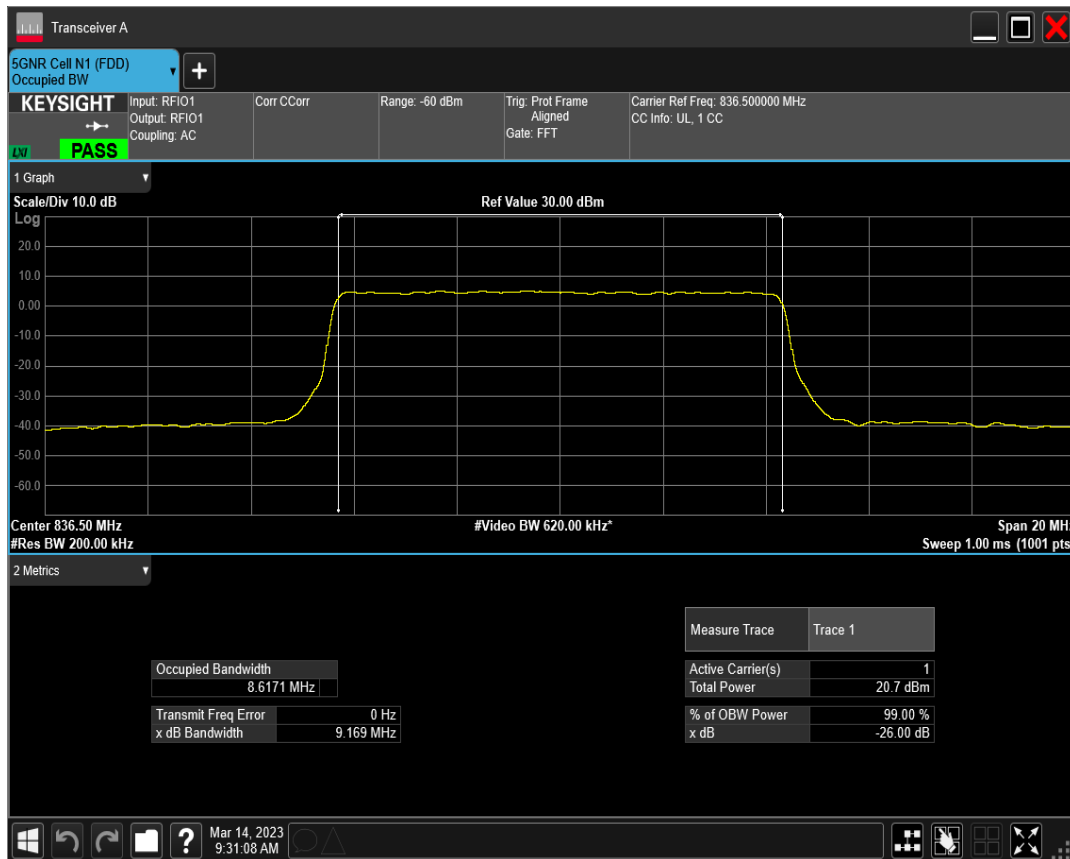


n5 SCS=30kHz DFT_BPSK BW=10MHz Channel=167300 RB=24@0

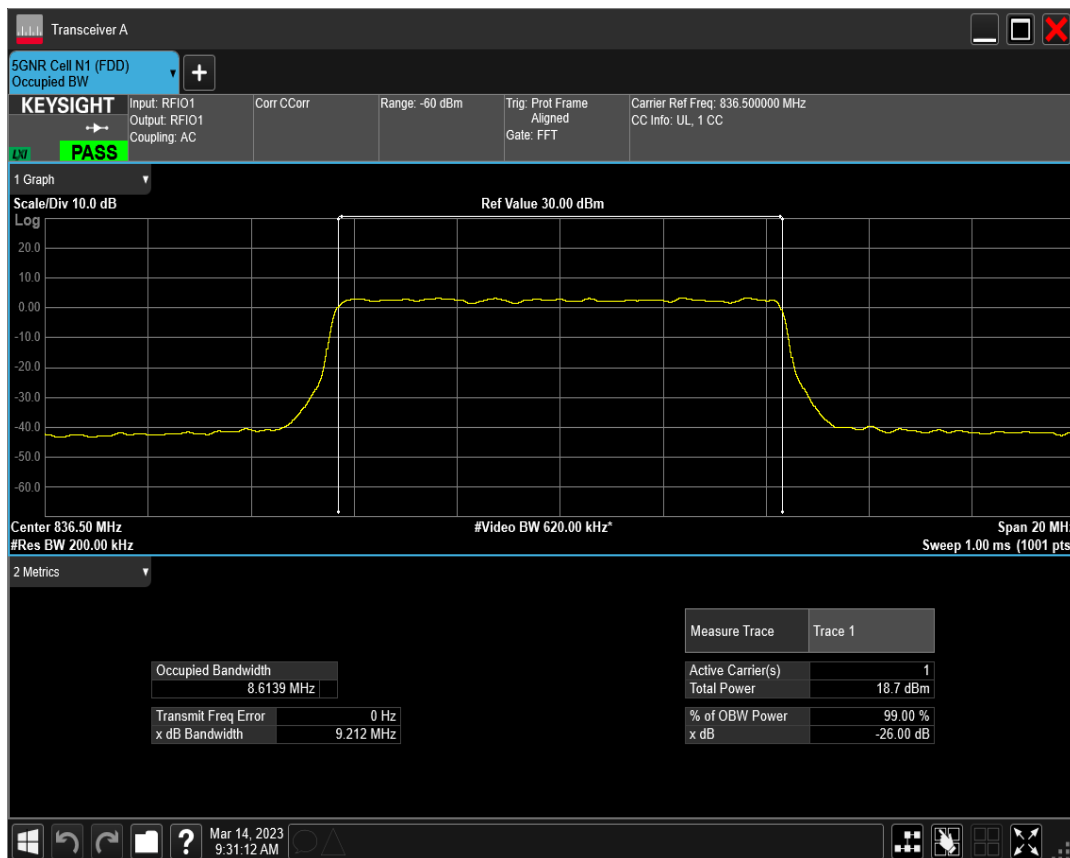


n5 SCS=30kHz DFT_QPSK BW=10MHz Channel=167300 RB=24@0

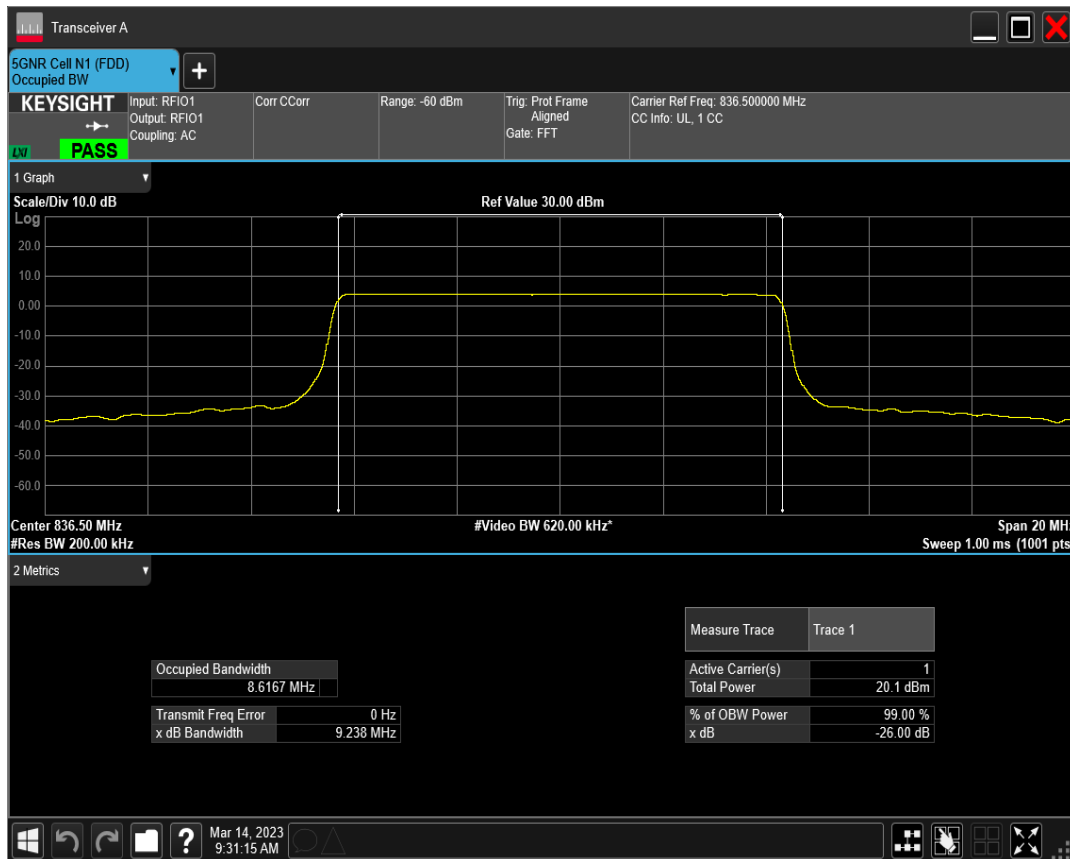




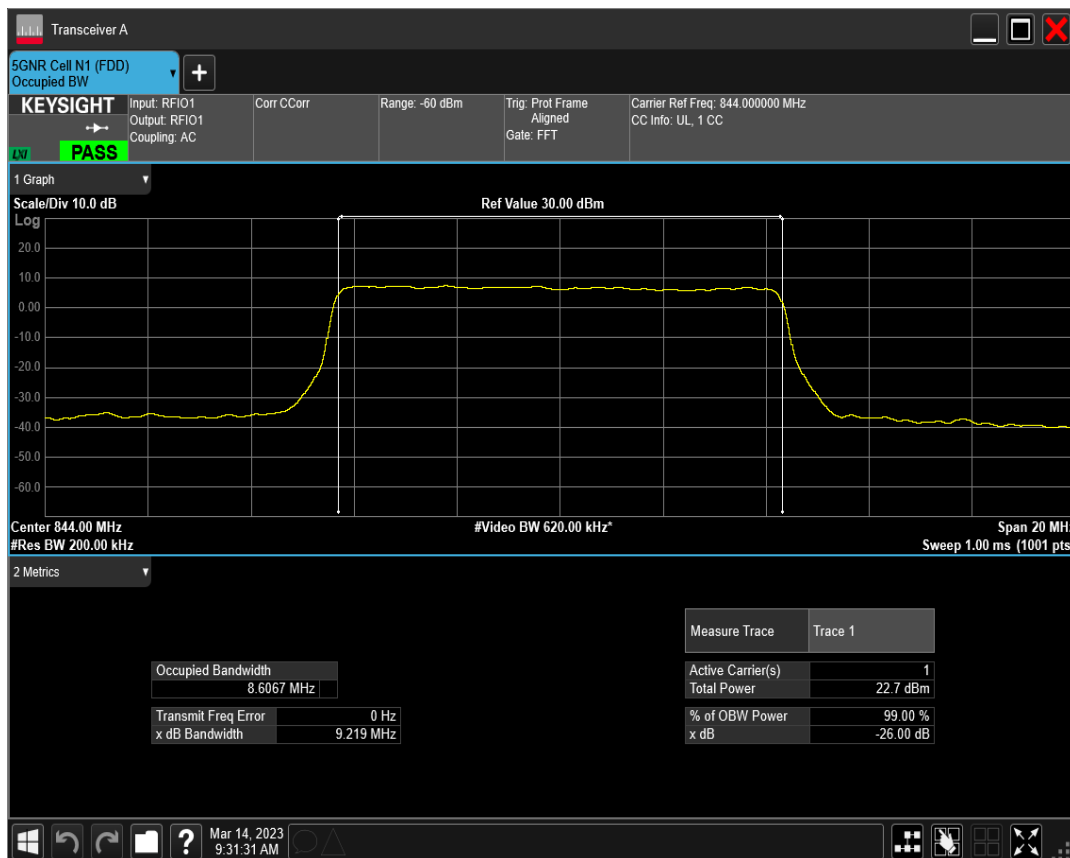
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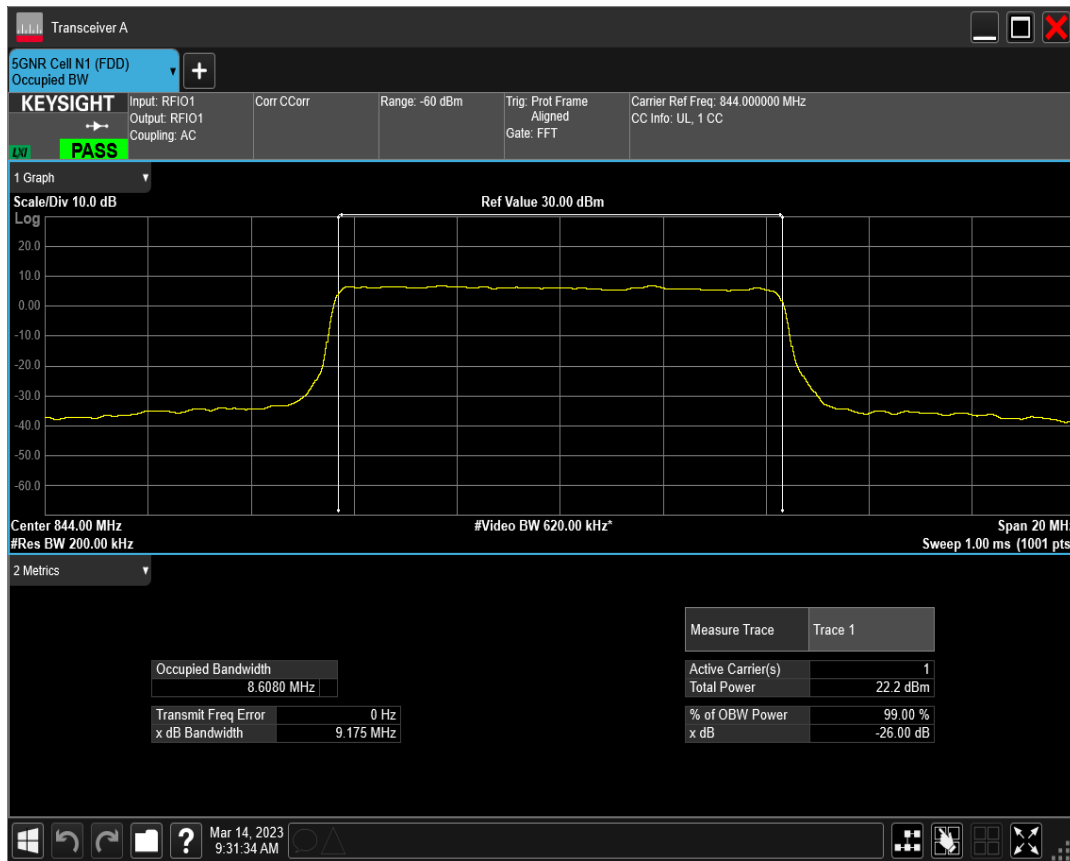
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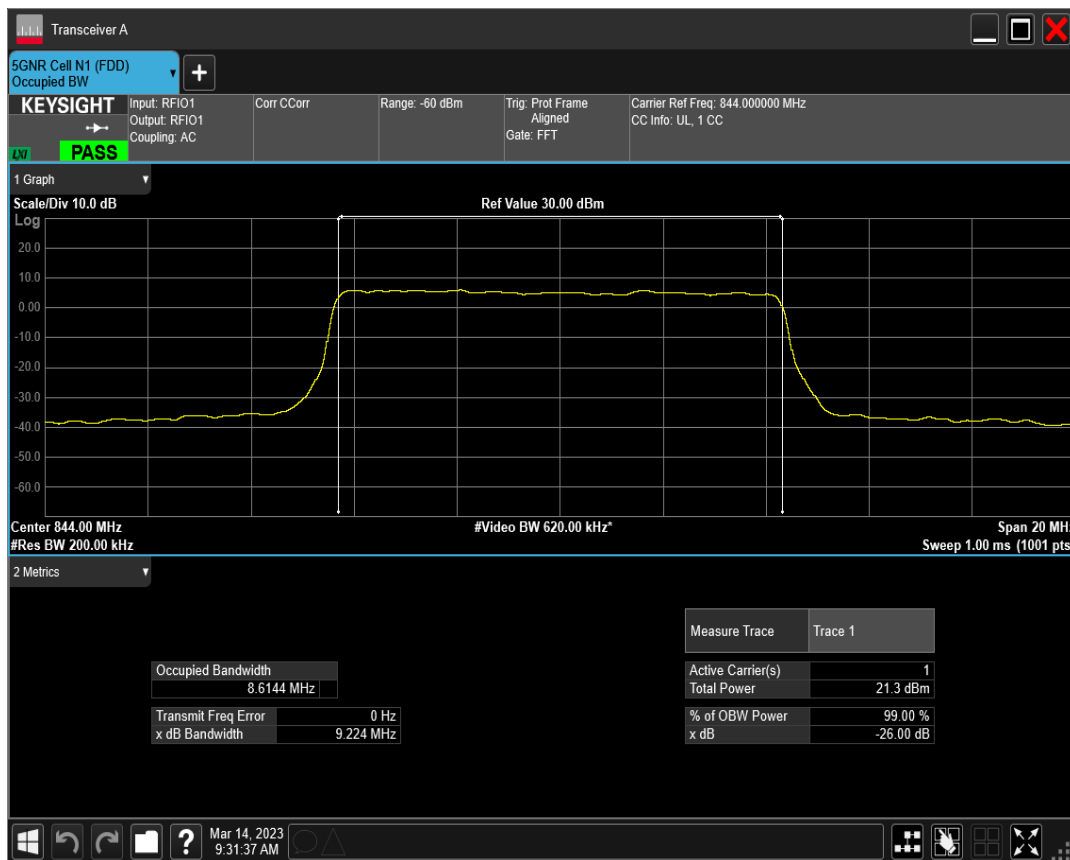
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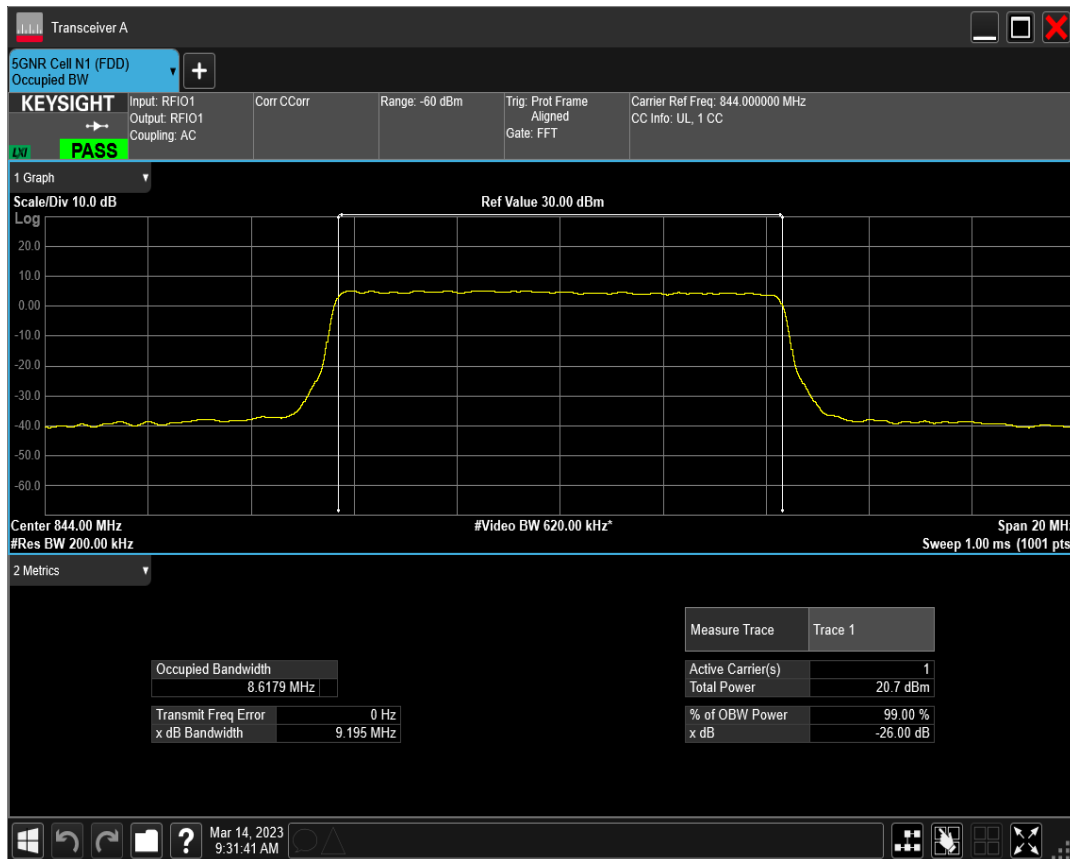
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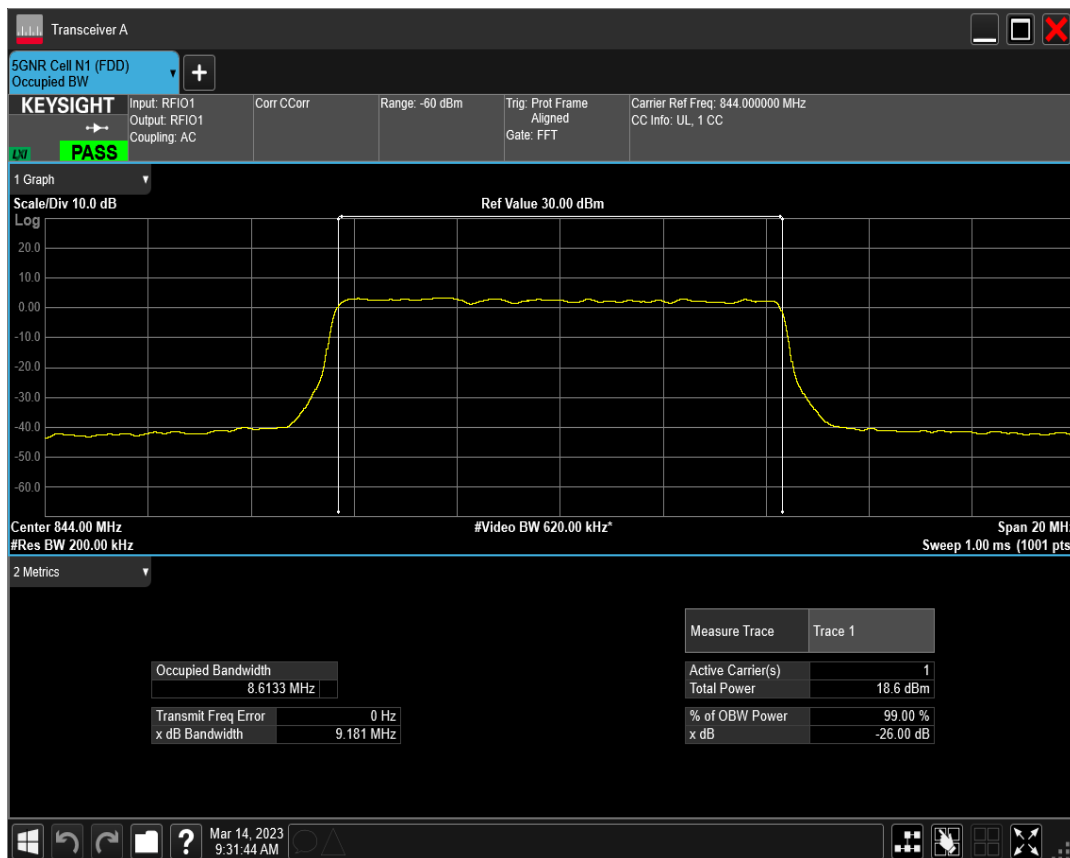
n5 SCS=30kHz DFT_QAM16 BW=10MHz Channel=168800 RB=24@0



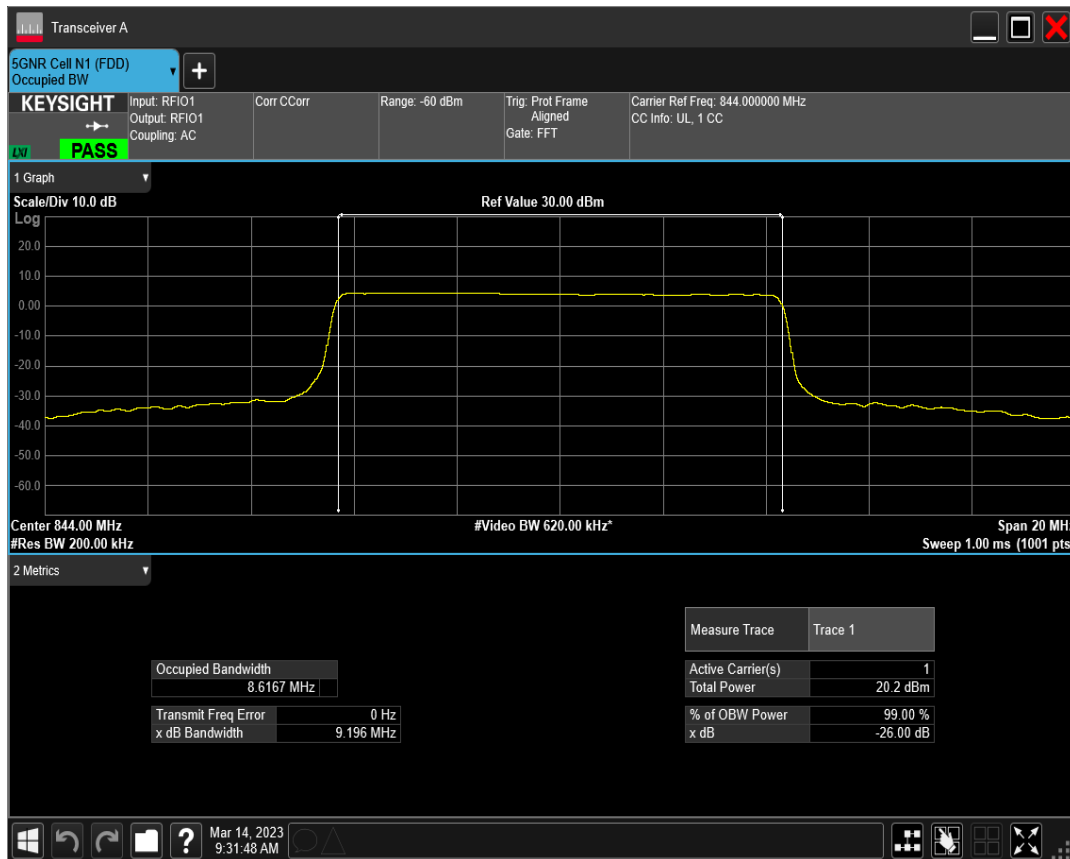
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n5 SCS=30kHz DFT_QAM256 BW=10MHz Channel=168800 RB=24@0



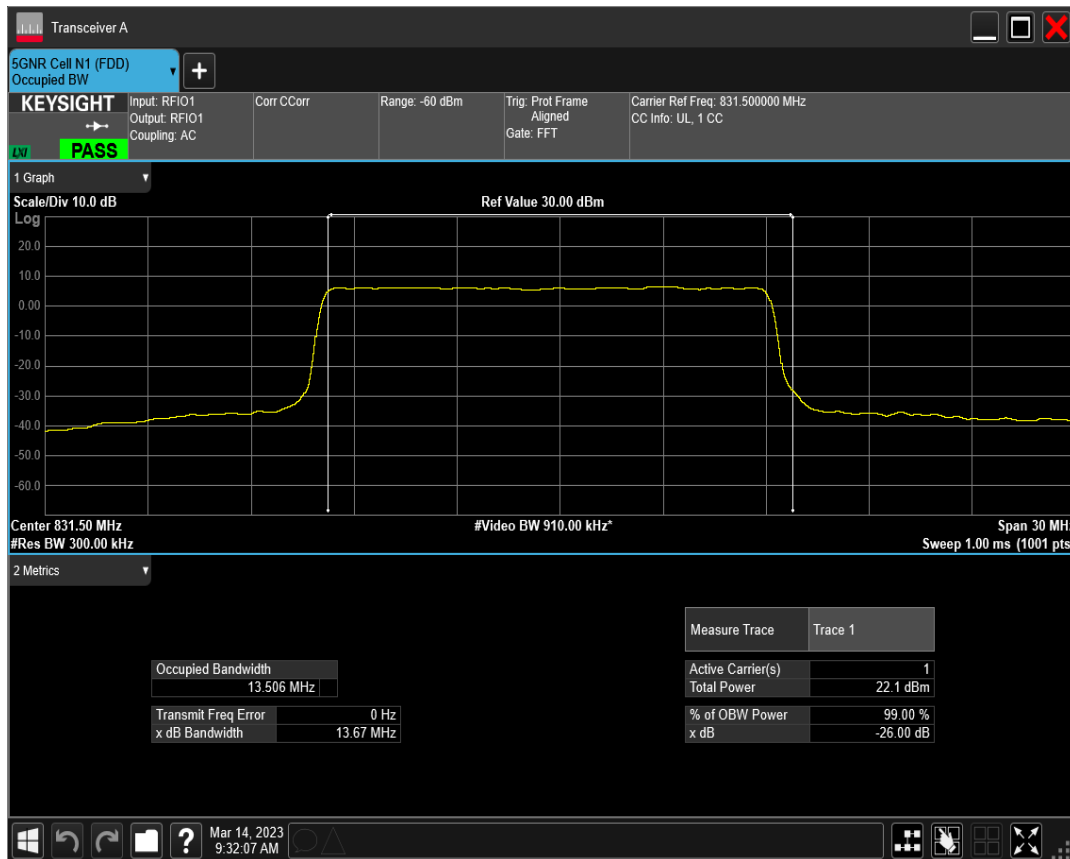
n5 SCS=30kHz CP_QPSK BW=10MHz Channel=168800 RB=24@0



n5 SCS=30kHz DFT_BPSK BW=15MHz Channel=166300 RB=36@0



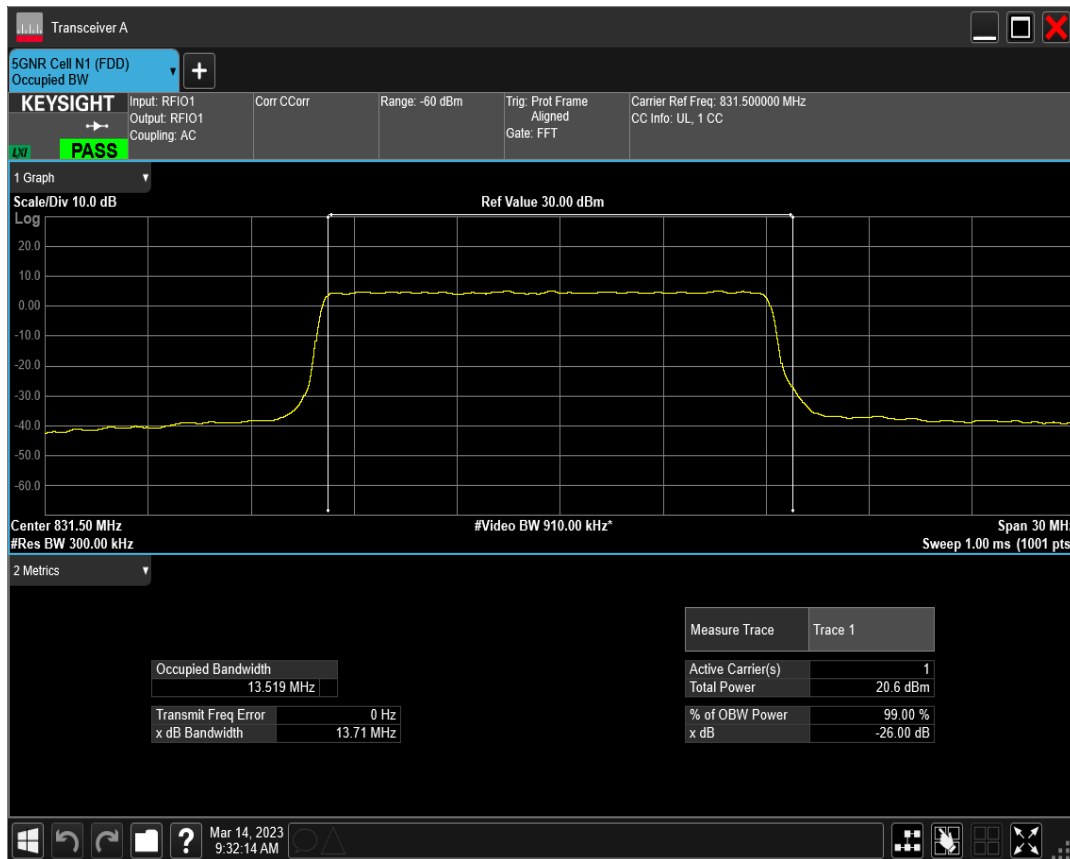
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n5 SCS=30kHz DFT_QAM16 BW=15MHz Channel=166300 RB=36@0



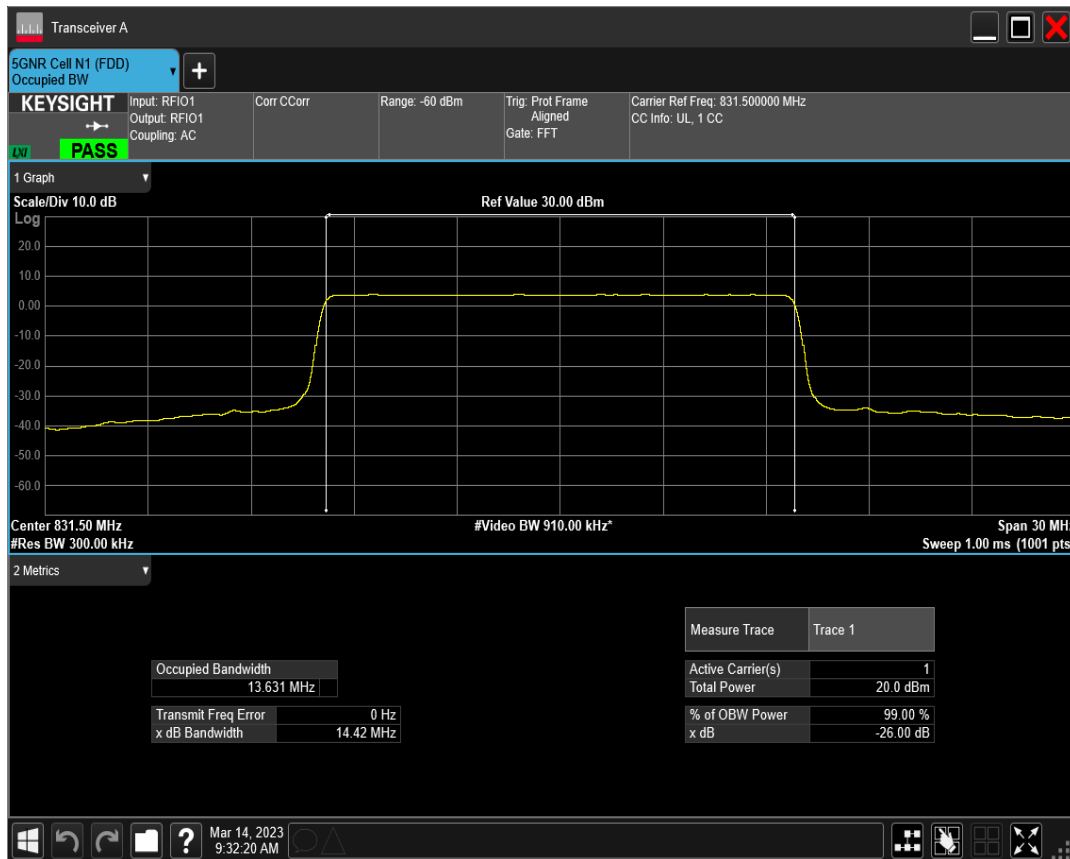
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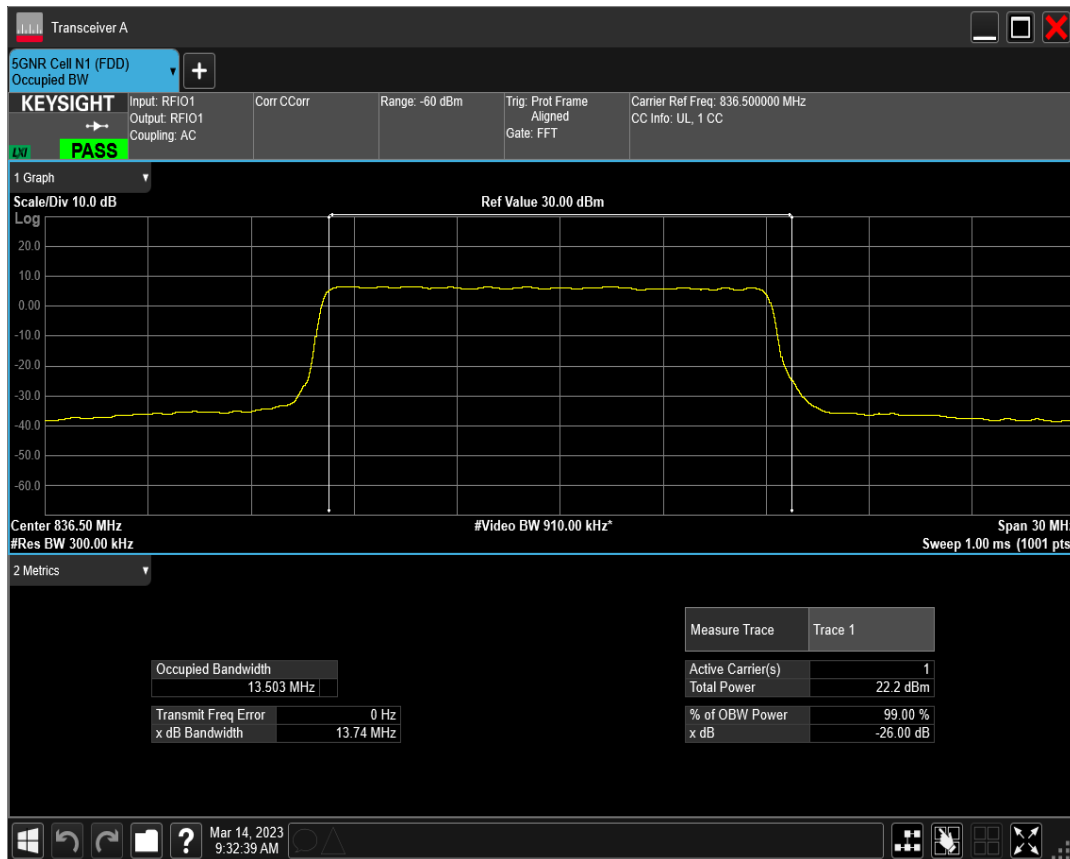
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n5 SCS=30kHz DFT_BPSK BW=15MHz Channel=167300 RB=36@0



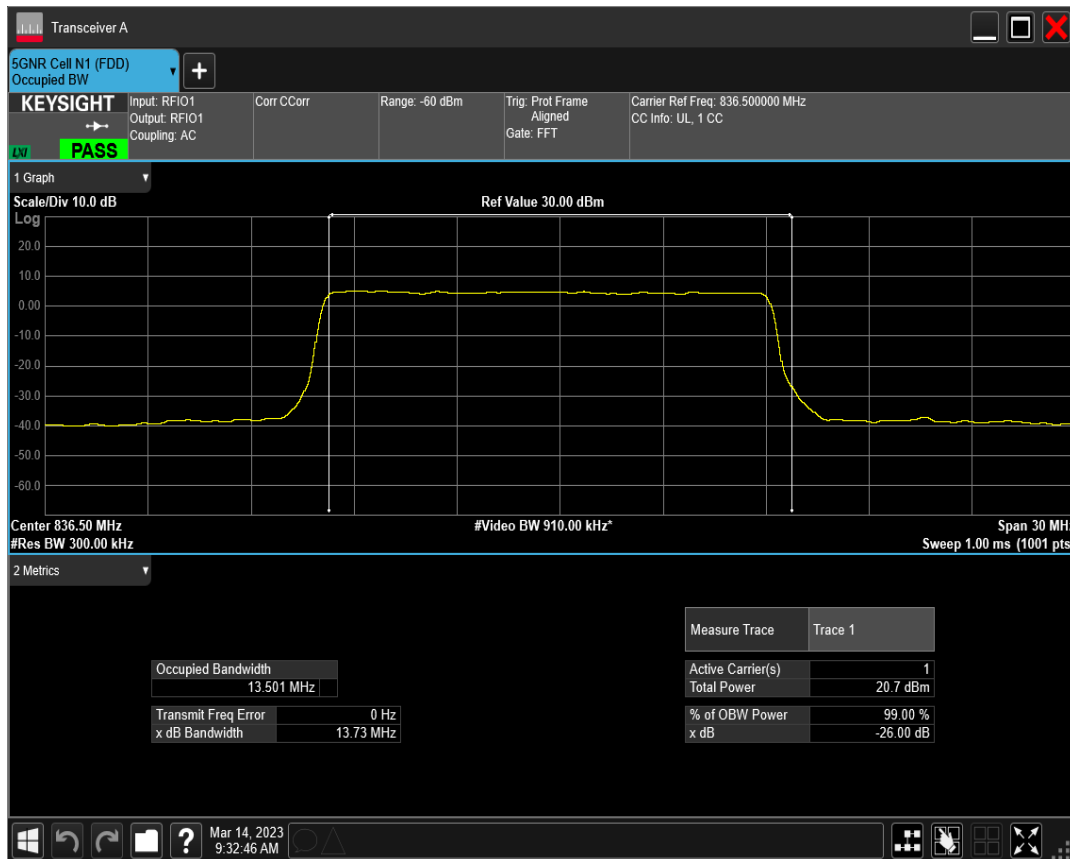
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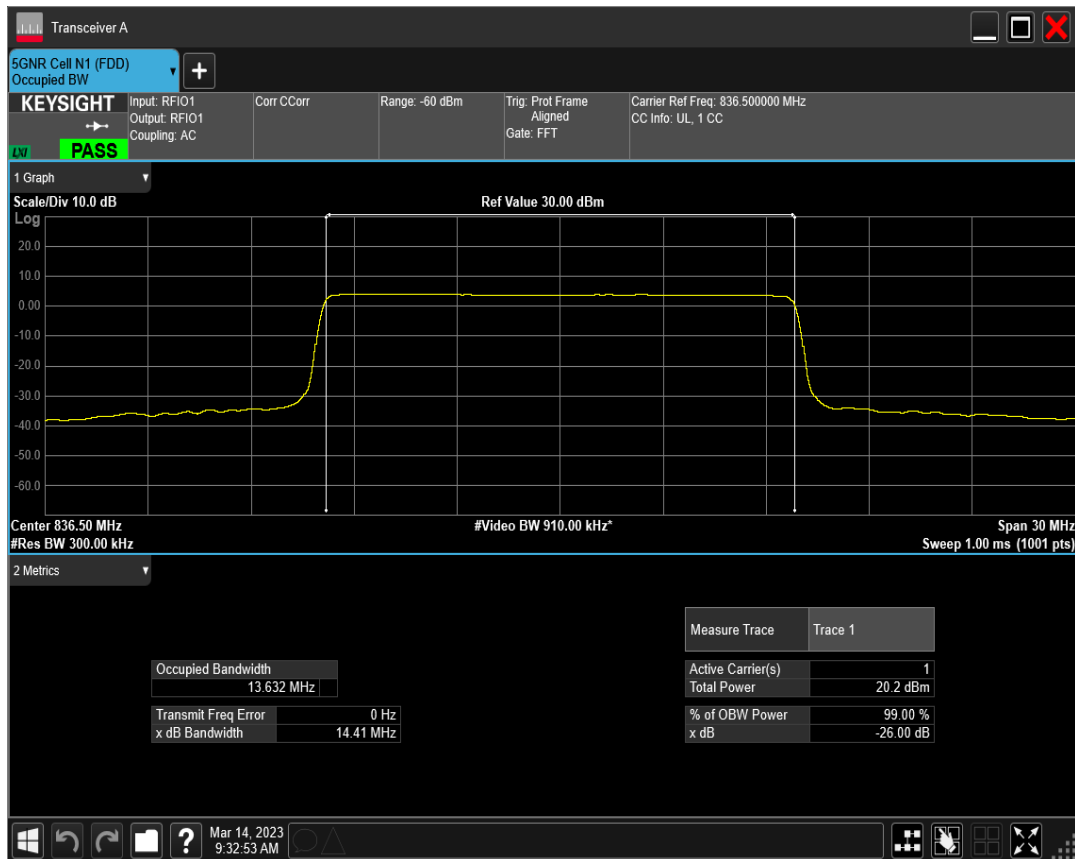
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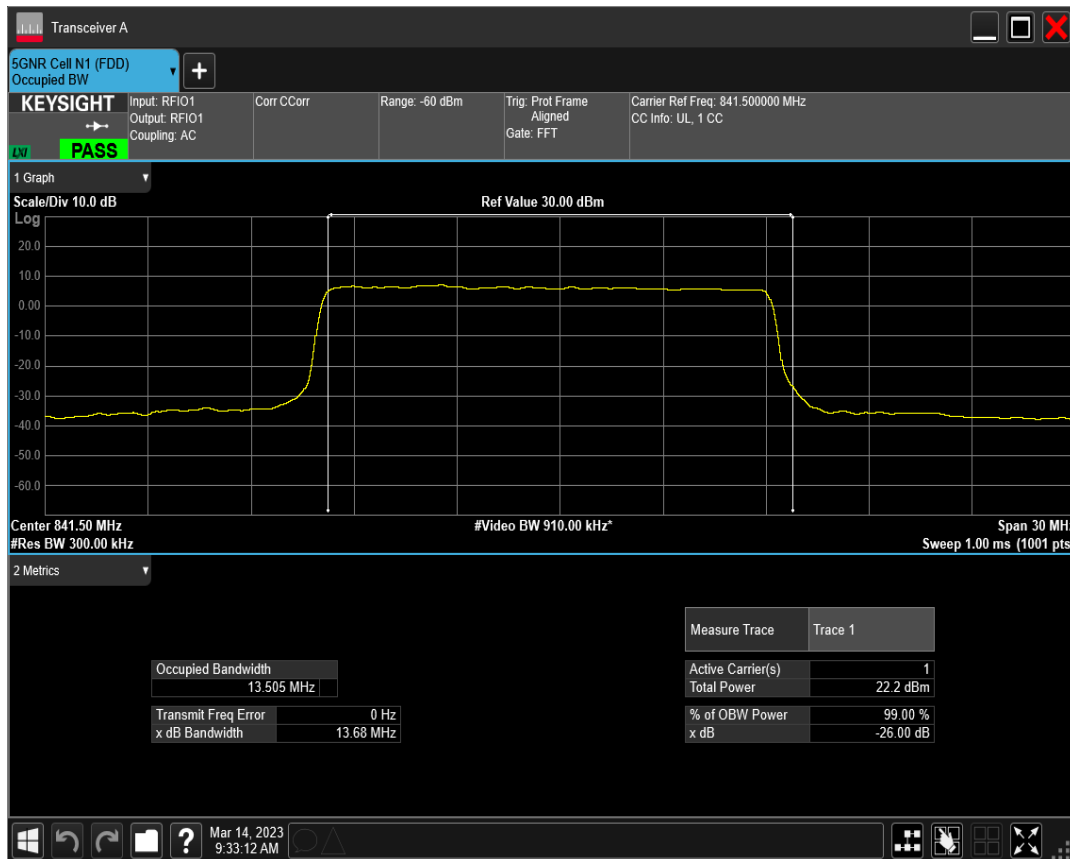
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n5 SCS=30kHz DFT_BPSK BW=15MHz Channel=168300 RB=36@0



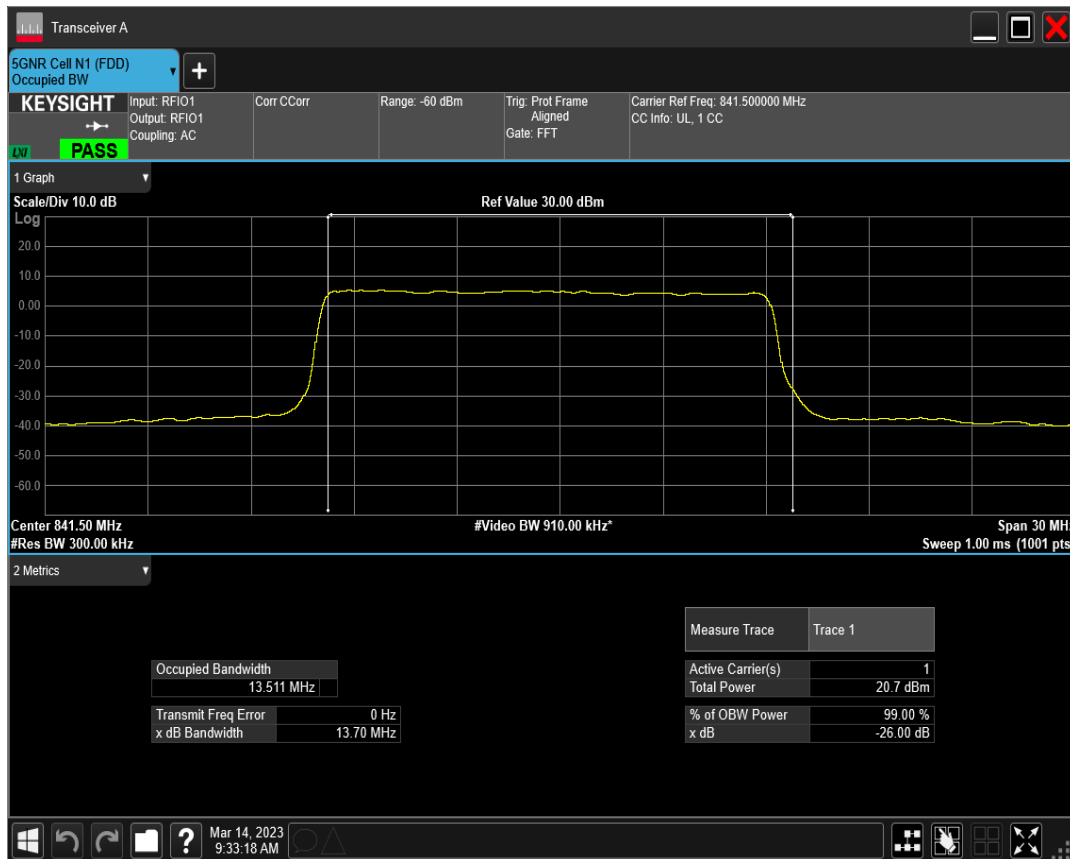
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n5 SCS=30kHz DFT_QAM16 BW=15MHz Channel=168300 RB=36@0



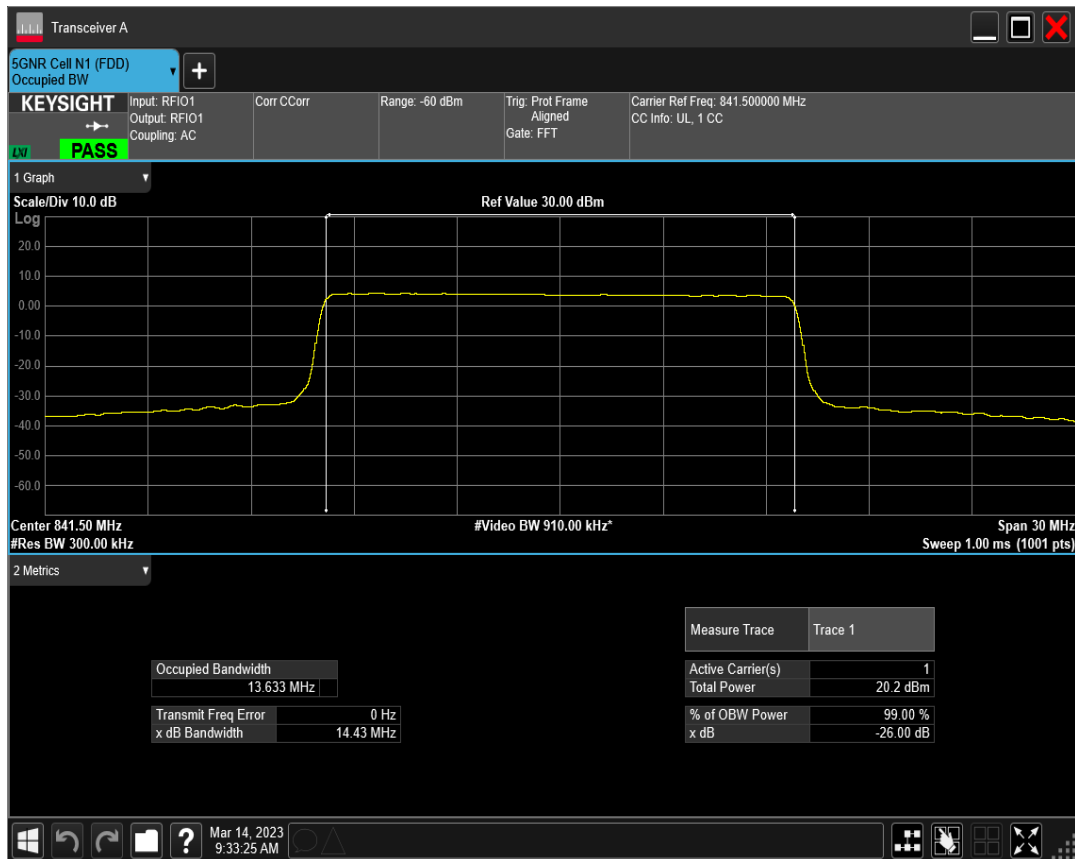
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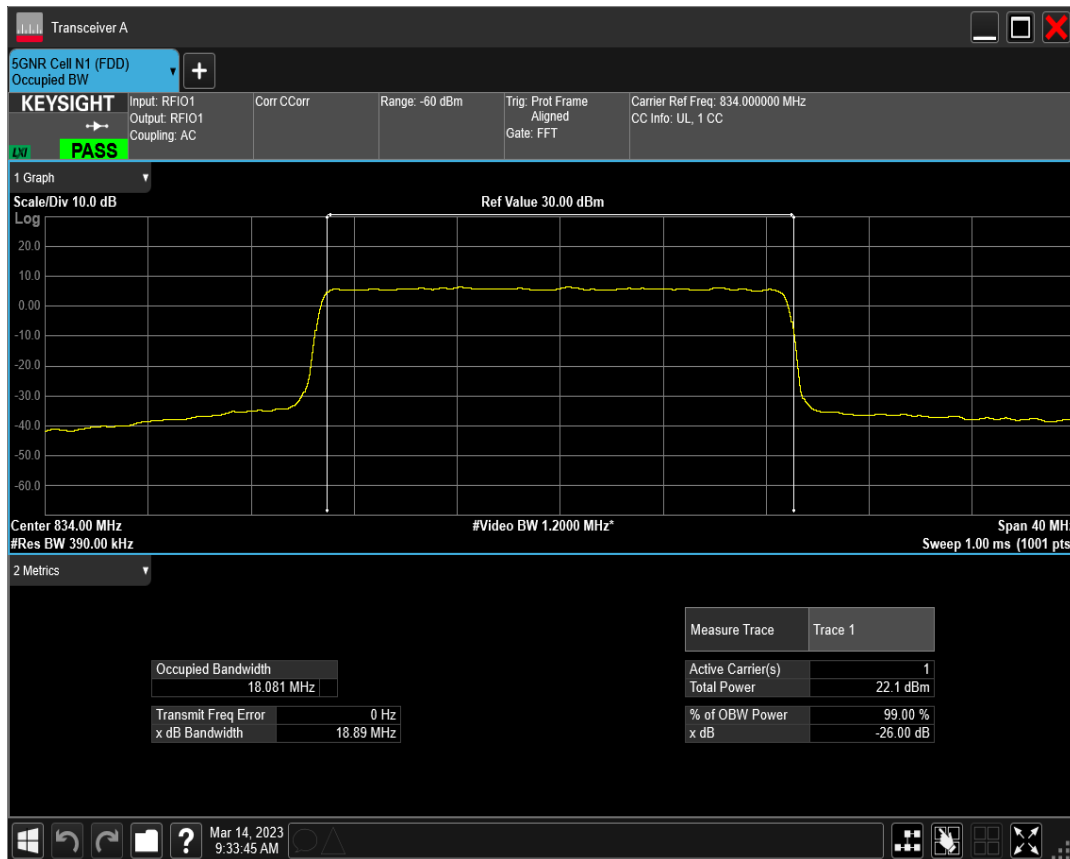
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n5 SCS=30kHz DFT_BPSK BW=20MHz Channel=166800 RB=50@0



n5 SCS=30kHz DFT_QPSK BW=20MHz Channel=166800 RB=50@0



n5 SCS=30kHz DFT_QAM16 BW=20MHz Channel=166800 RB=50@0



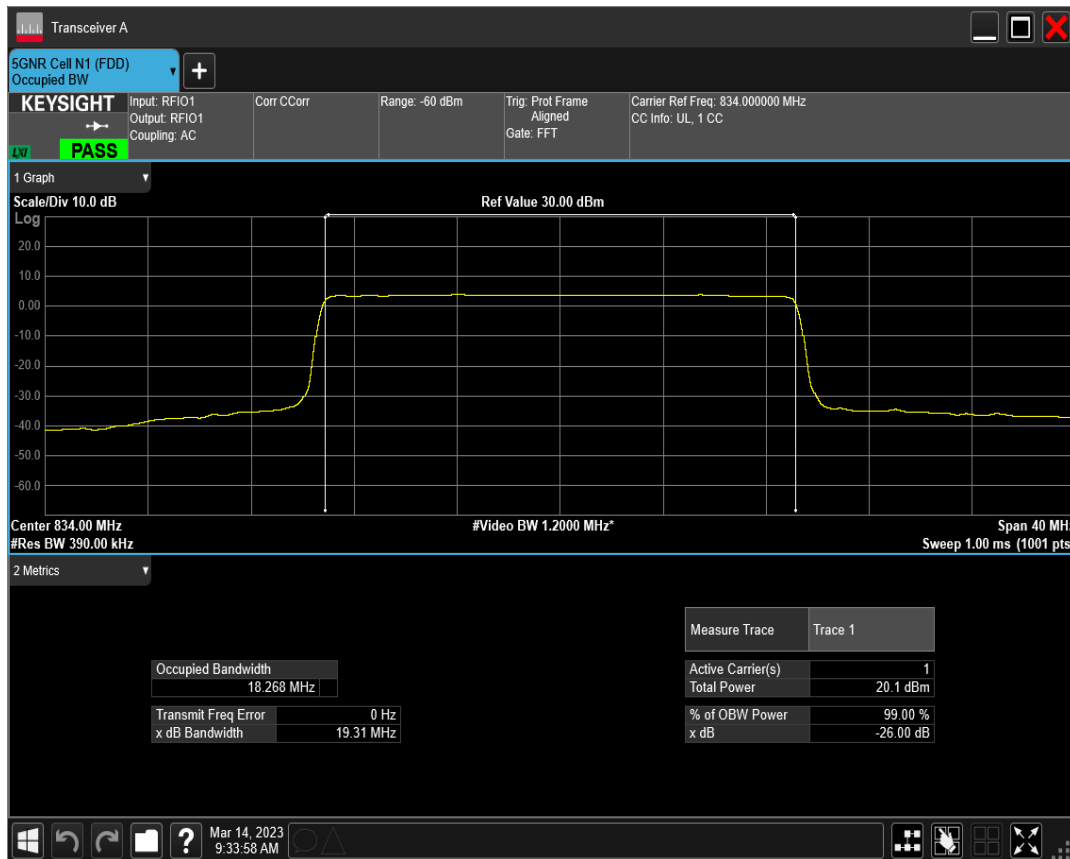
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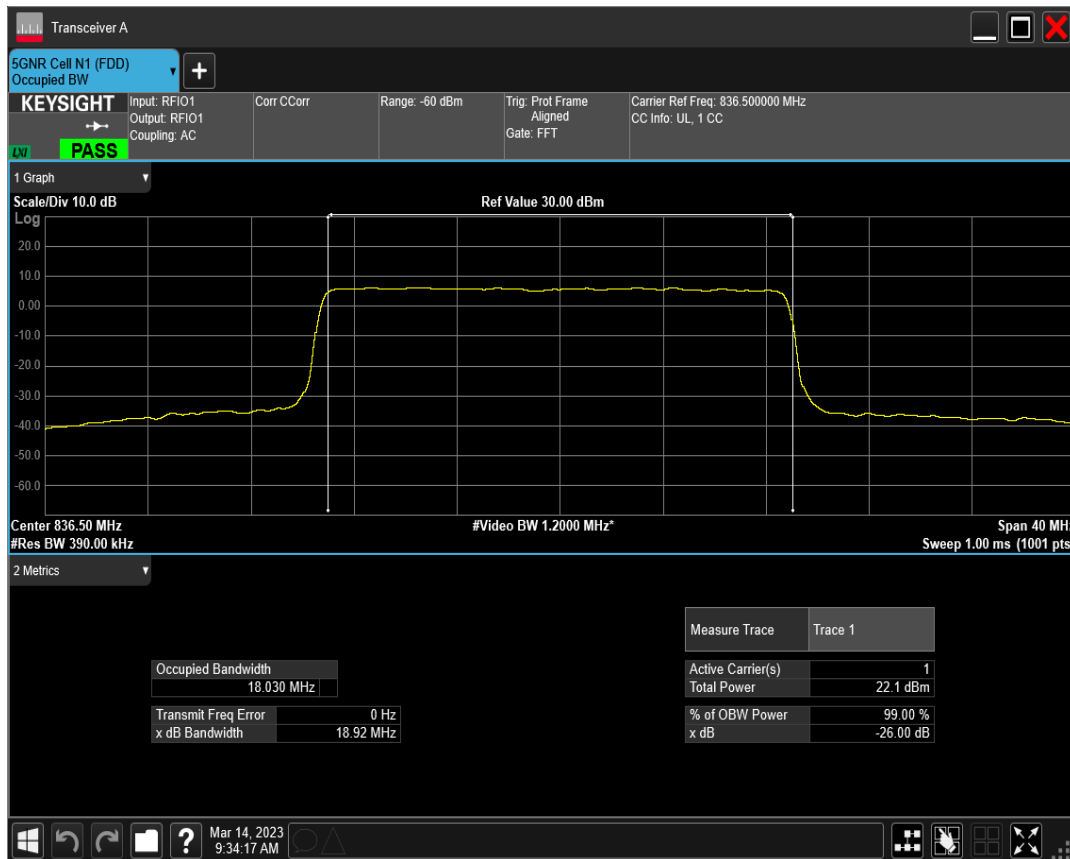
n5 SCS=30kHz CP_QPSK BW=20MHz Channel=166800 RB=51@0



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n5 SCS=30kHz DFT_QPSK BW=20MHz Channel=167300 RB=50@0



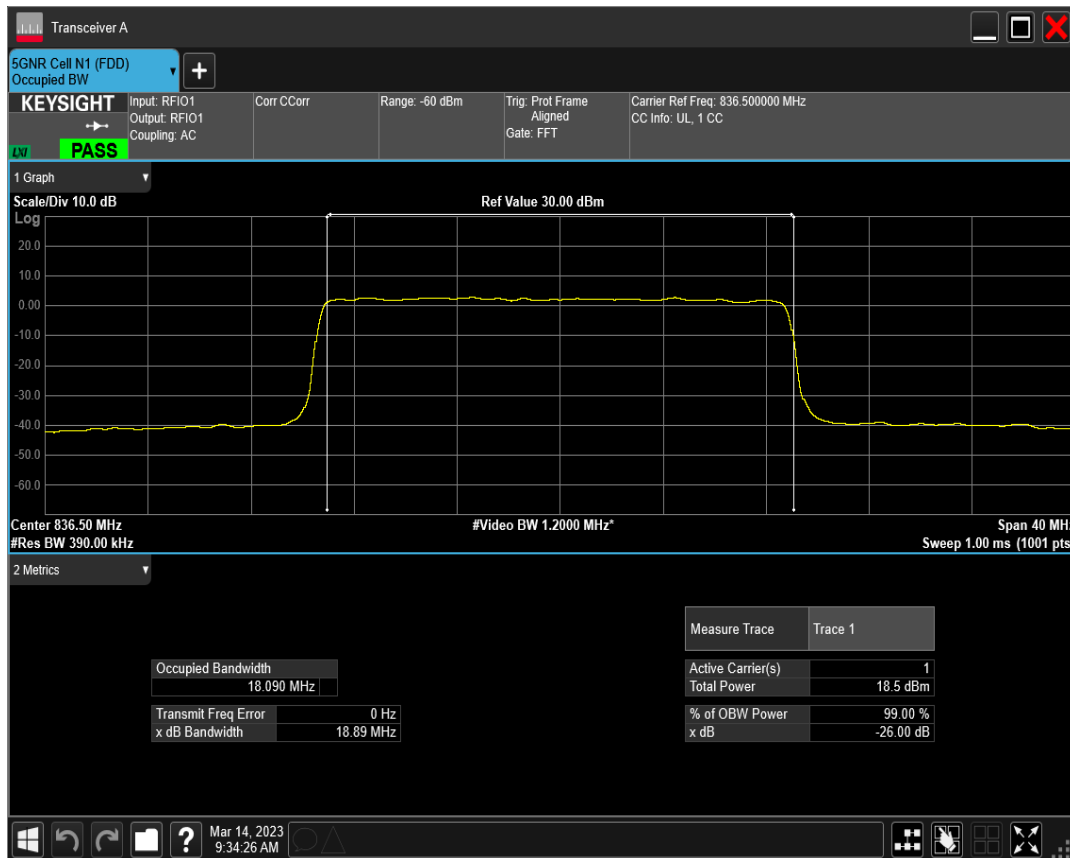
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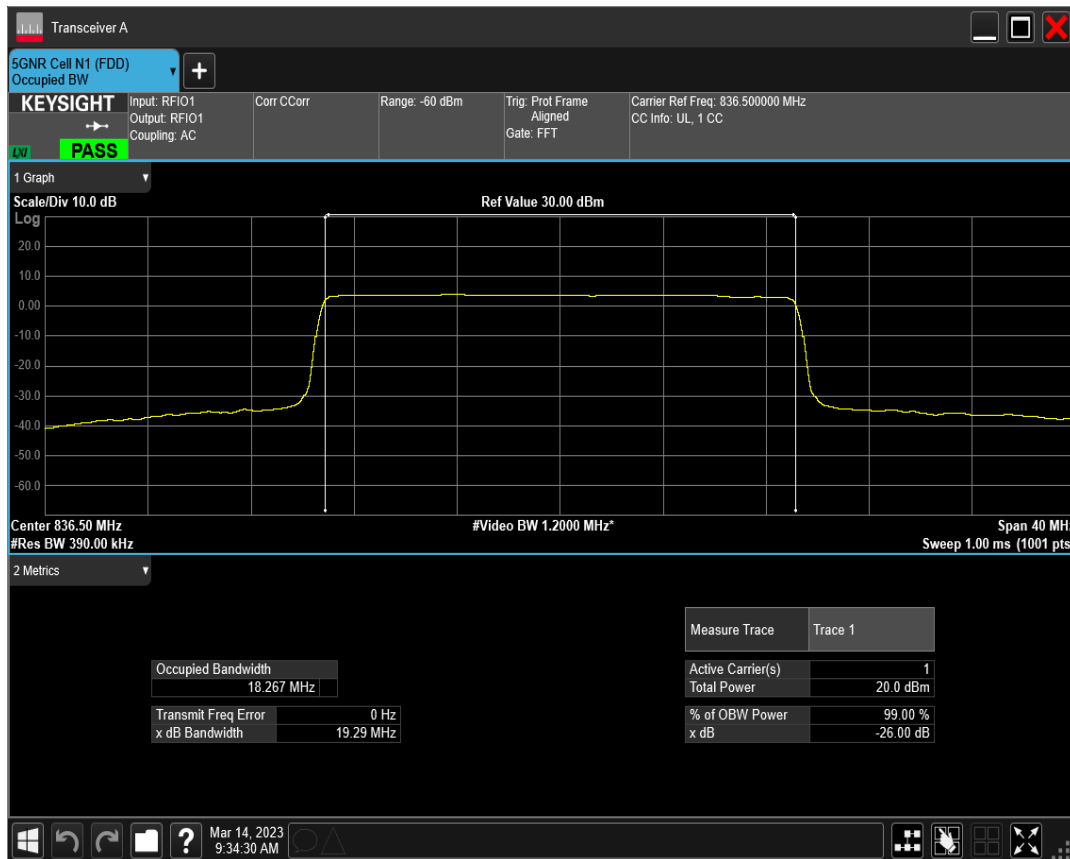
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n5 SCS=30kHz DFT_QAM256 BW=20MHz Channel=167300 RB=50@0



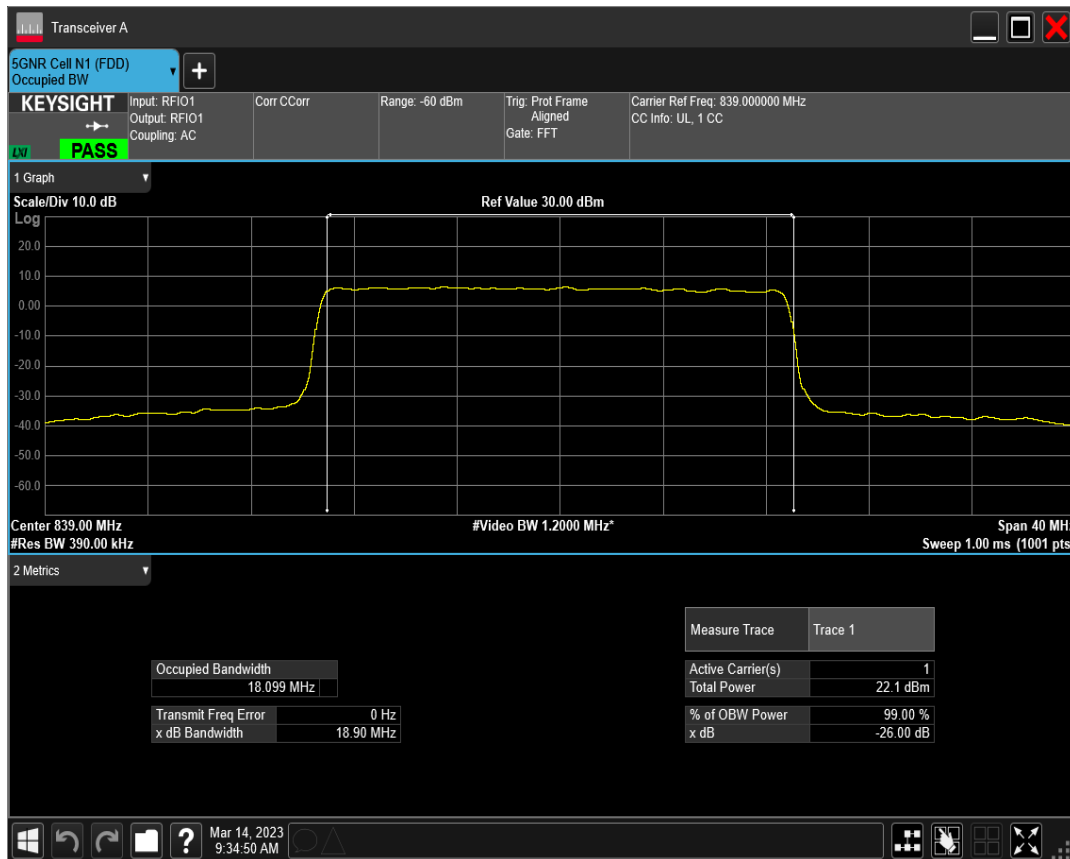
n5 SCS=30kHz CP_QPSK BW=20MHz Channel=167300 RB=51@0



n5 SCS=30kHz DFT_BPSK BW=20MHz Channel=167800 RB=50@0



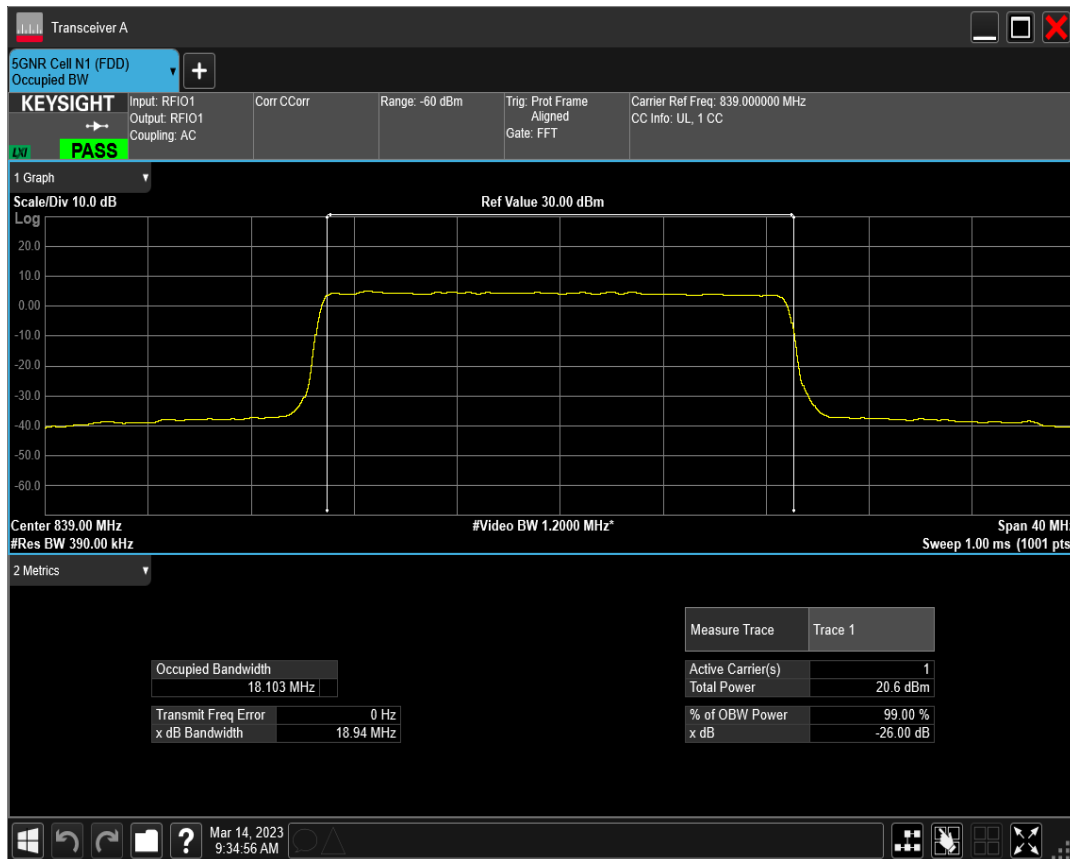
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n5 SCS=30kHz DFT_QAM16 BW=20MHz Channel=167800 RB=50@0



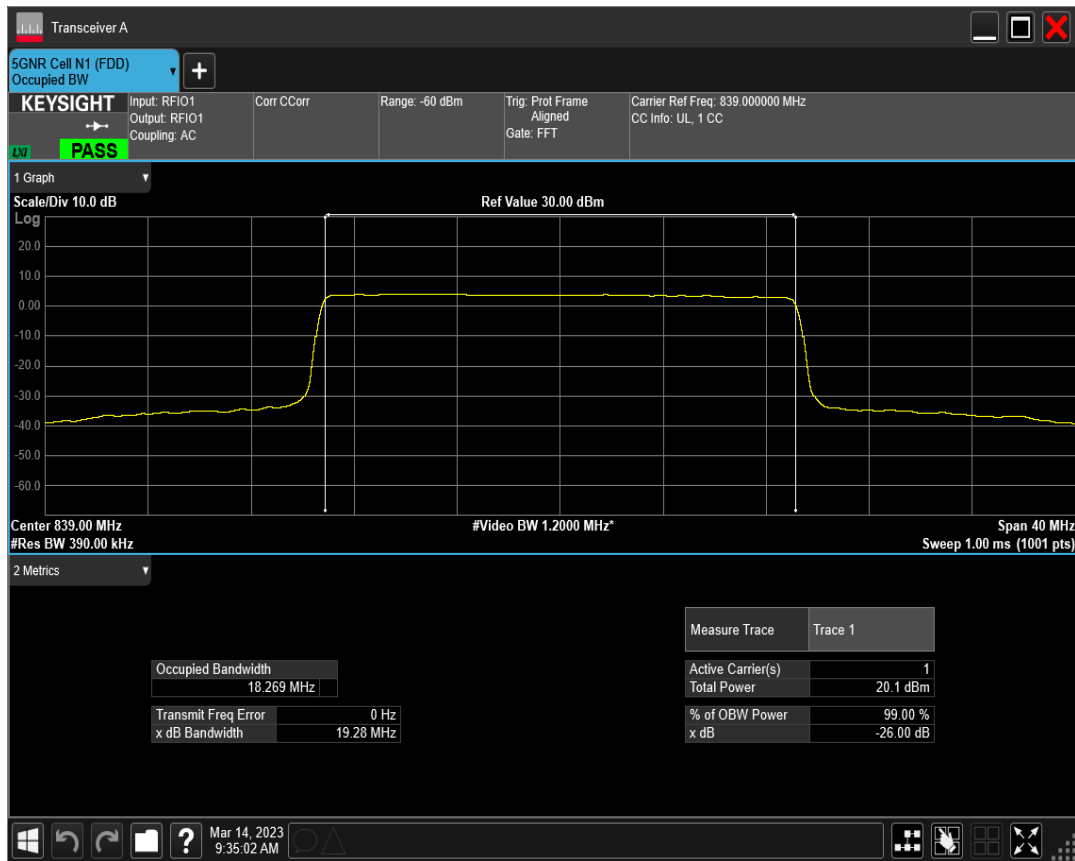
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n5 SCS=30kHz DFT_QAM256 BW=20MHz Channel=167800 RB=50@0



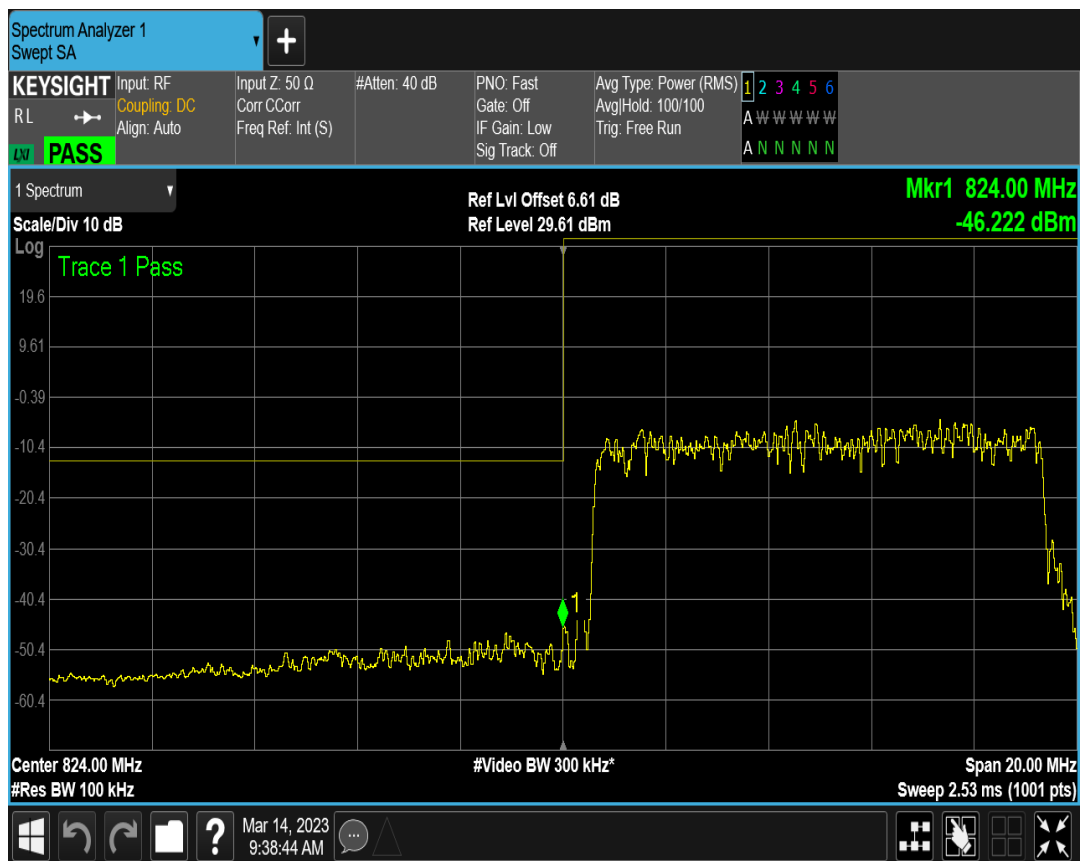
n5 SCS=30kHz CP_QPSK BW=20MHz Channel=167800 RB=51@0



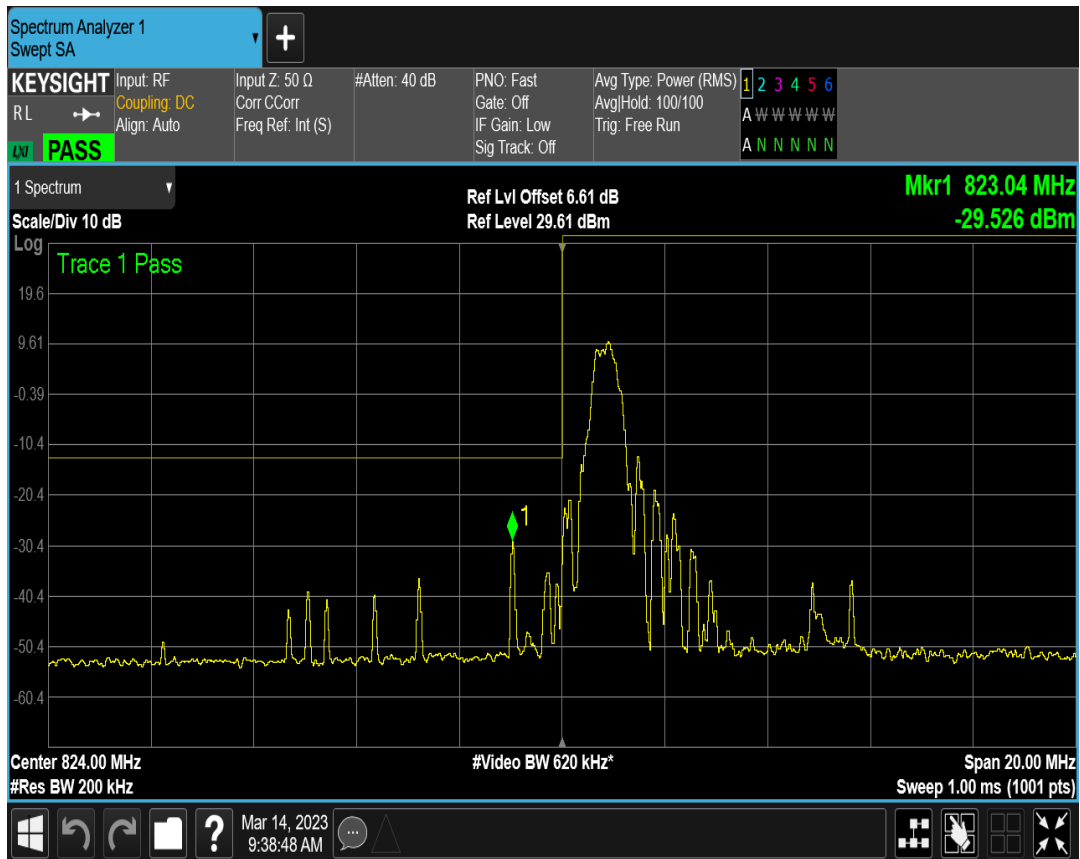
5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n5	30	10	165800	24@0	DFT_QPSK	824.00	-46.22	-13	PASS
n5	30	10	165800	1@0	DFT_QPSK	823.04	-29.52	-13	PASS
n5	30	10	168800	24@0	DFT_QPSK	849.00	-40.22	-13	PASS
n5	30	10	168800	1@23	DFT_QPSK	850.36	-30.81	-13	PASS
n5	30	20	166800	50@0	DFT_QPSK	823.56	-39.44	-13	PASS
n5	30	20	166800	1@0	DFT_QPSK	824.00	-27.15	-13	PASS
n5	30	20	167800	50@0	DFT_QPSK	852.72	-48.00	-13	PASS
n5	30	20	167800	1@50	DFT_QPSK	849.88	-31.74	-13	PASS

n5 SCS=30kHz DFT_QPSK BW=10MHz Channel=165800 RB=24@0



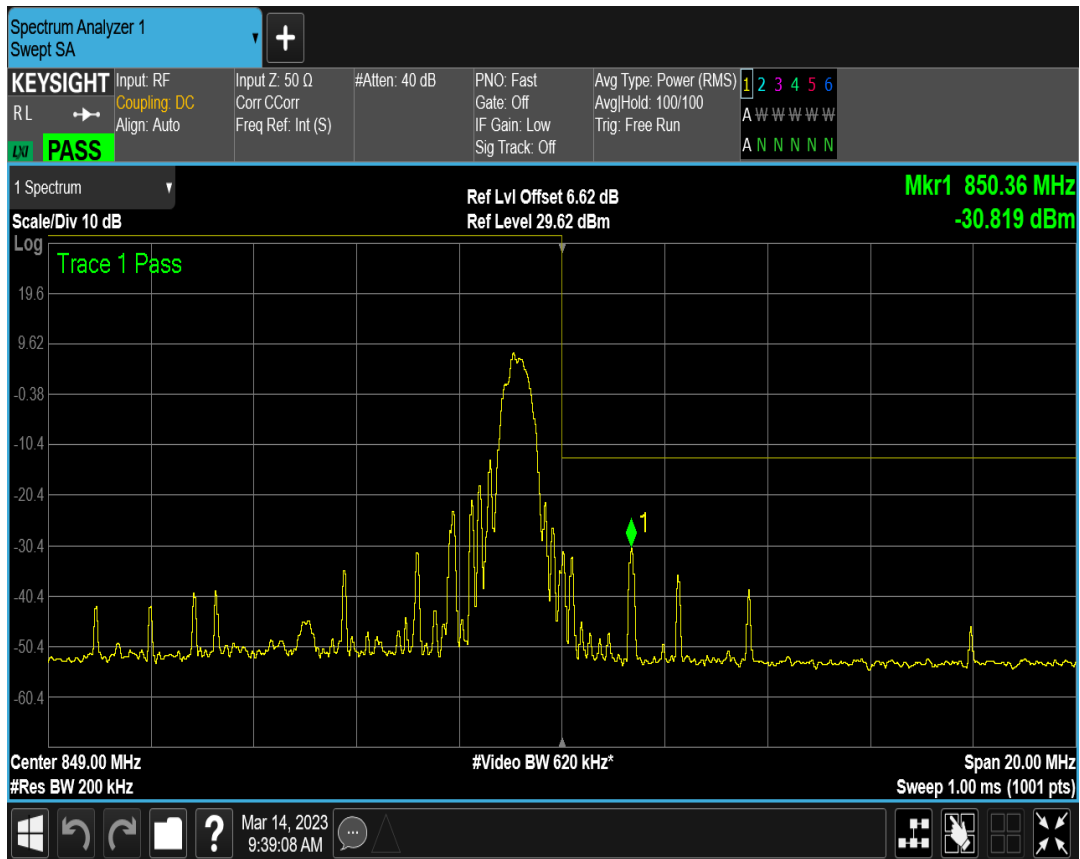
n5 SCS=30kHz DFT_QPSK BW=10MHz Channel=165800 RB=1@0



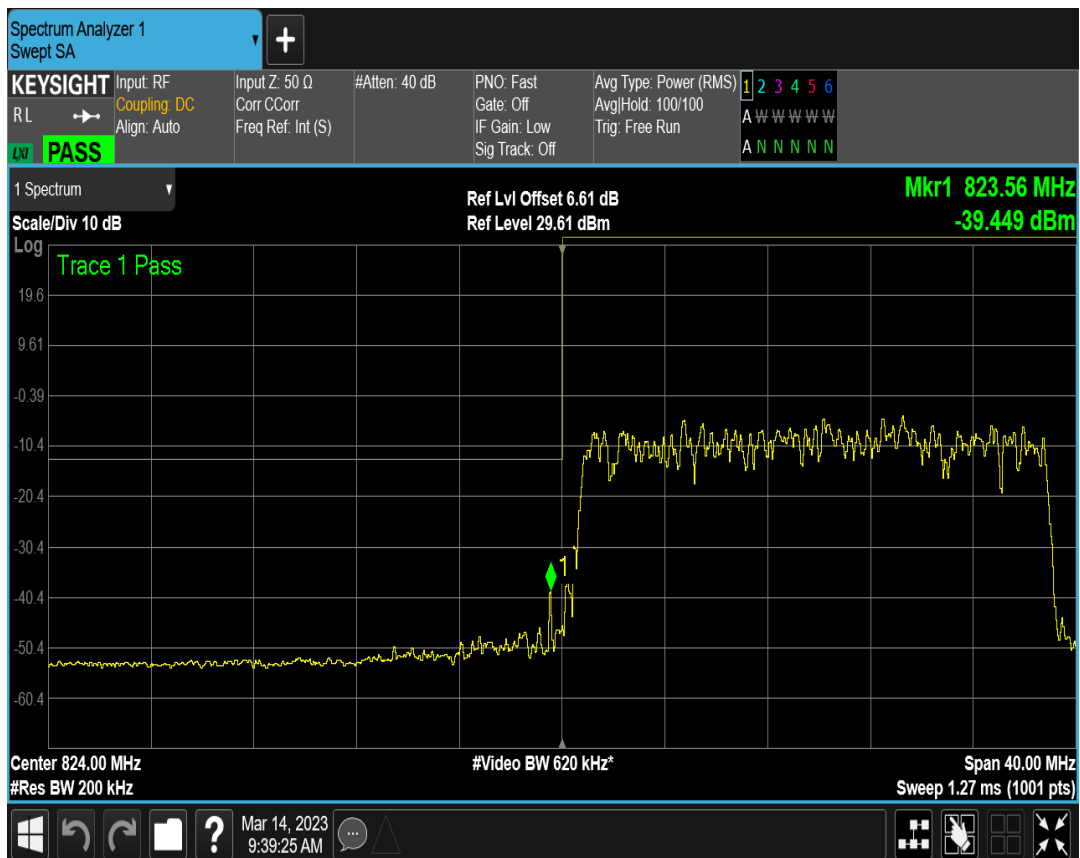
n5 SCS=30kHz DFT_QPSK BW=10MHz Channel=168800 RB=24@0



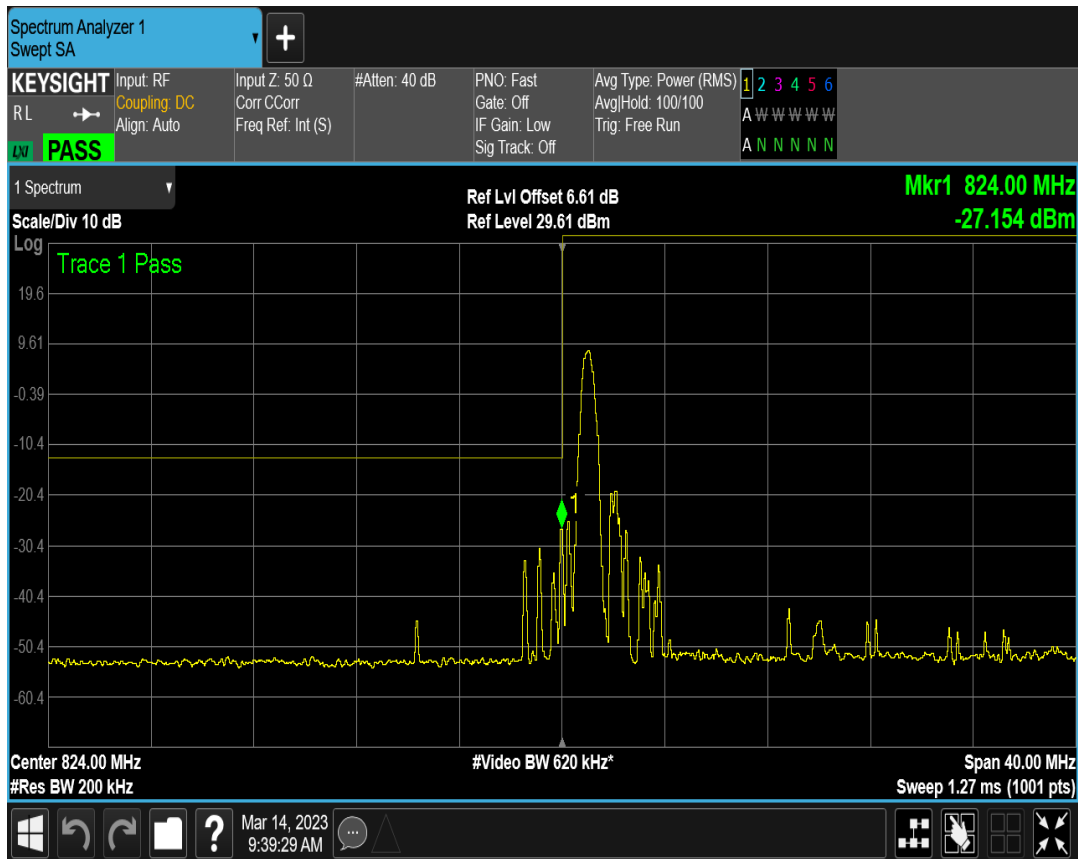
n5 SCS=30kHz DFT_QPSK BW=10MHz Channel=168800 RB=1@23



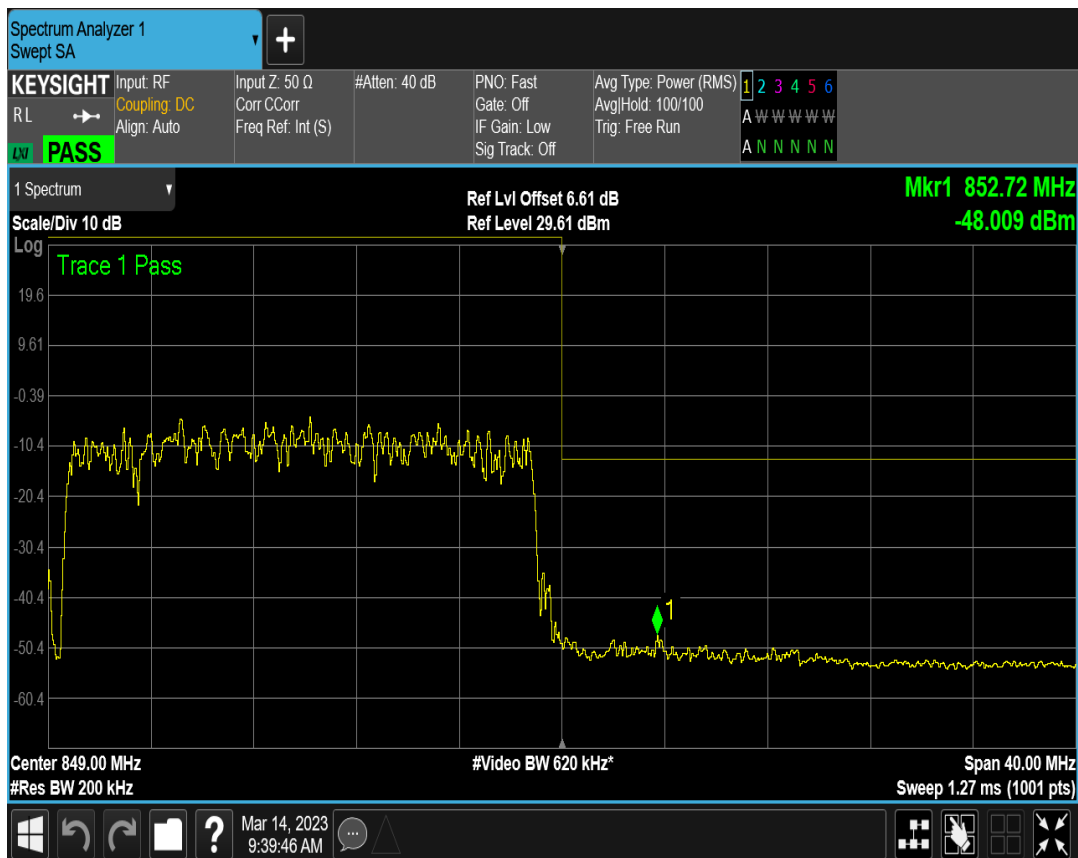
n5 SCS=30kHz DFT_QPSK BW=20MHz Channel=166800 RB=50@0



n5 SCS=30kHz DFT_QPSK BW=20MHz Channel=166800 RB=1@0



n5 SCS=30kHz DFT_QPSK BW=20MHz Channel=167800 RB=50@0



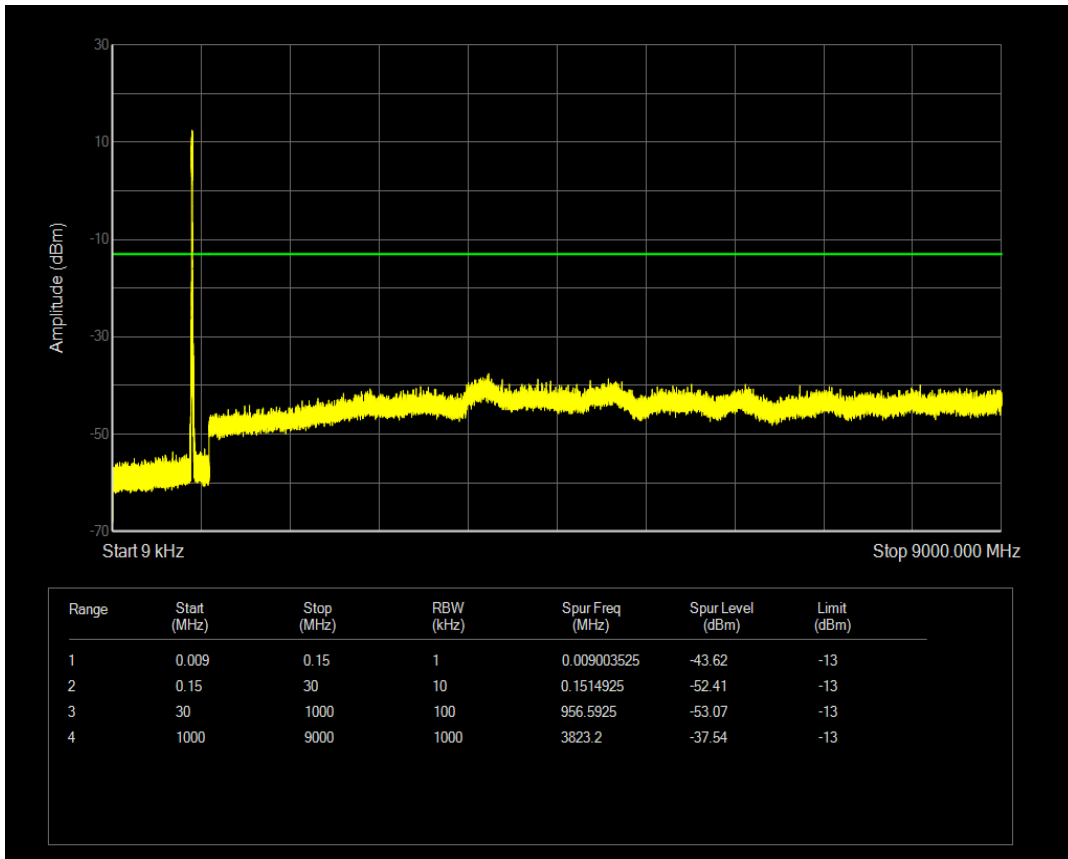
n5 SCS=30kHz DFT_QPSK BW=20MHz Channel=167800 RB=1@50



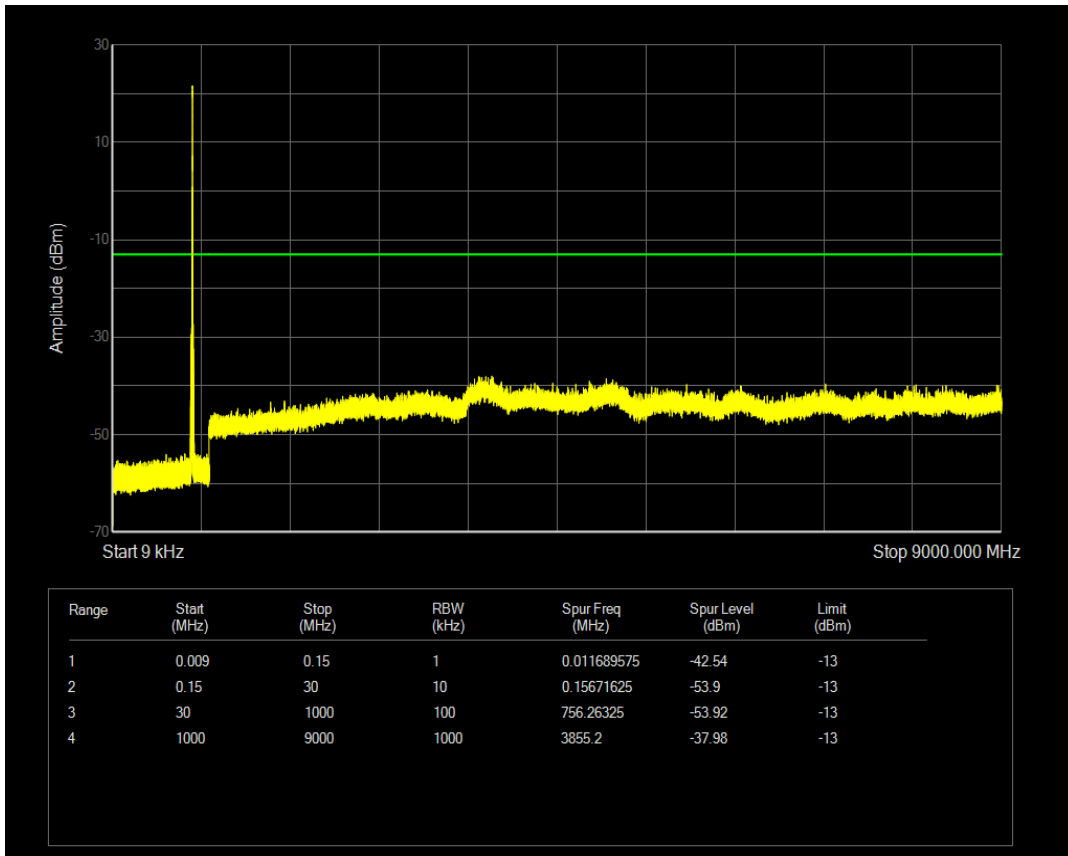
6 Out-of-band emissions for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n5	30	10	165800	24@0	DFT_QPSK	3823.20	-37.54	-13	PASS
n5	30	10	165800	1@0	DFT_QPSK	3737.20	-38.04	-13	PASS
n5	30	10	165800	1@23	DFT_QPSK	3855.20	-37.98	-13	PASS
n5	30	10	167300	24@0	DFT_QPSK	3707.40	-37.88	-13	PASS
n5	30	10	167300	1@0	DFT_QPSK	3775.00	-36.86	-13	PASS
n5	30	10	167300	1@23	DFT_QPSK	3791.60	-37.91	-13	PASS
n5	30	10	168800	24@0	DFT_QPSK	3813.20	-37.19	-13	PASS
n5	30	10	168800	1@0	DFT_QPSK	3749.20	-37.38	-13	PASS
n5	30	10	168800	1@23	DFT_QPSK	3829.40	-37.63	-13	PASS
n5	30	20	166800	50@0	DFT_QPSK	3745.60	-37.98	-13	PASS
n5	30	20	166800	1@0	DFT_QPSK	3816.40	-36.96	-13	PASS
n5	30	20	166800	1@50	DFT_QPSK	3767.00	-37.28	-13	PASS
n5	30	20	167300	50@0	DFT_QPSK	3820.60	-37.24	-13	PASS
n5	30	20	167300	1@0	DFT_QPSK	3856.00	-38.21	-13	PASS
n5	30	20	167300	1@50	DFT_QPSK	4855.20	-37.84	-13	PASS
n5	30	20	167800	50@0	DFT_QPSK	3713.40	-37.11	-13	PASS
n5	30	20	167800	1@0	DFT_QPSK	3825.80	-36.69	-13	PASS
n5	30	20	167800	1@50	DFT_QPSK	3722.80	-37.32	-13	PASS

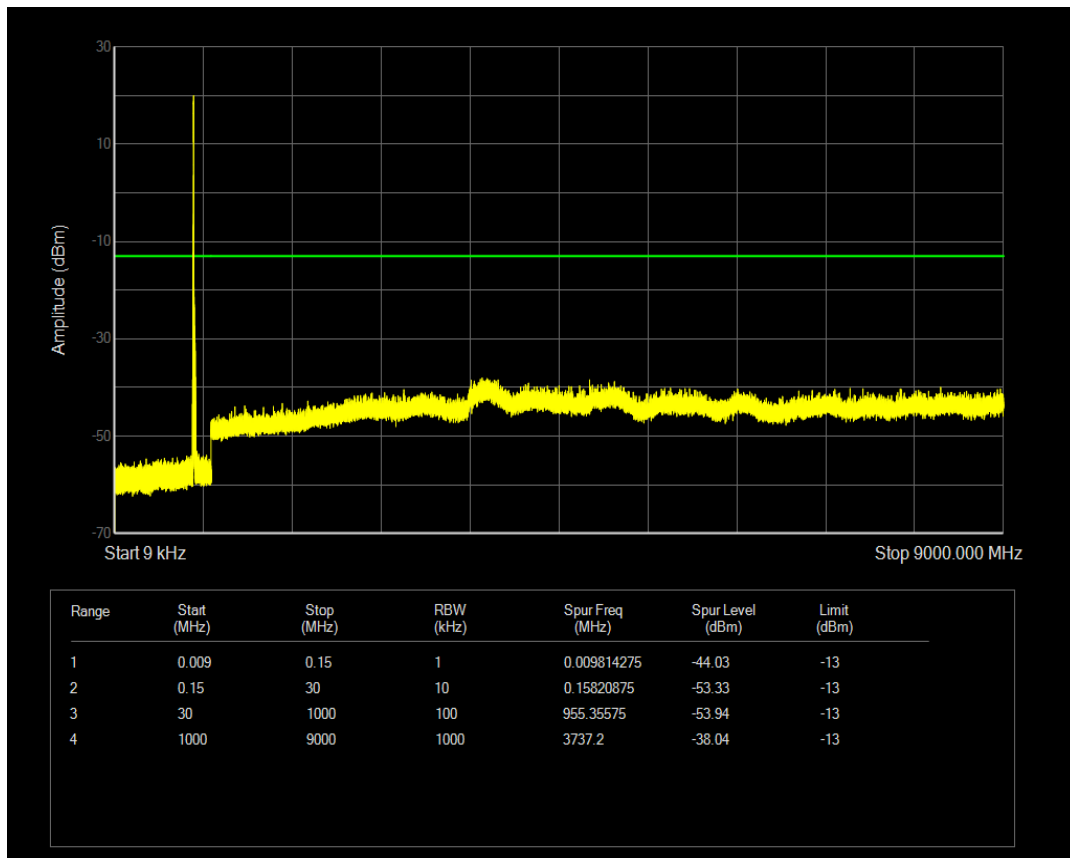
n5 SCS=30kHz DFT_QPSK BW=10MHz Channel=165800 RB=24@0



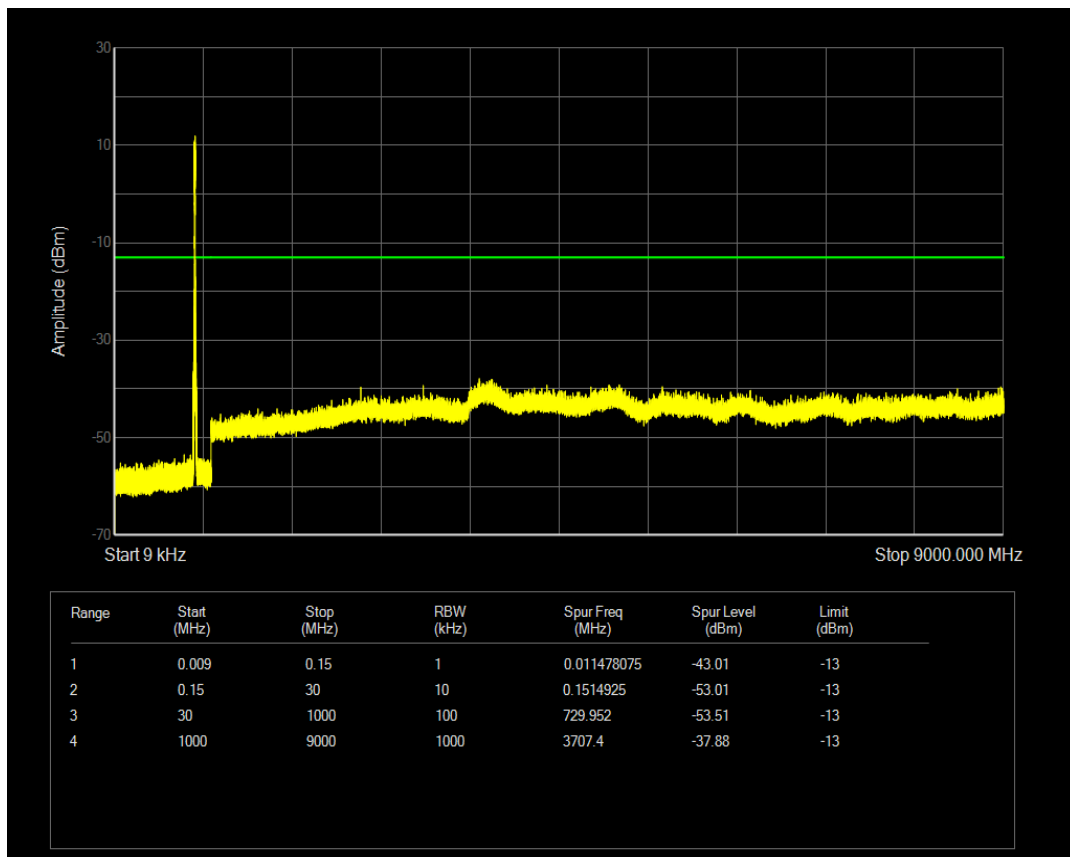
n5 SCS=30kHz DFT_QPSK BW=10MHz Channel=165800 RB=1@23



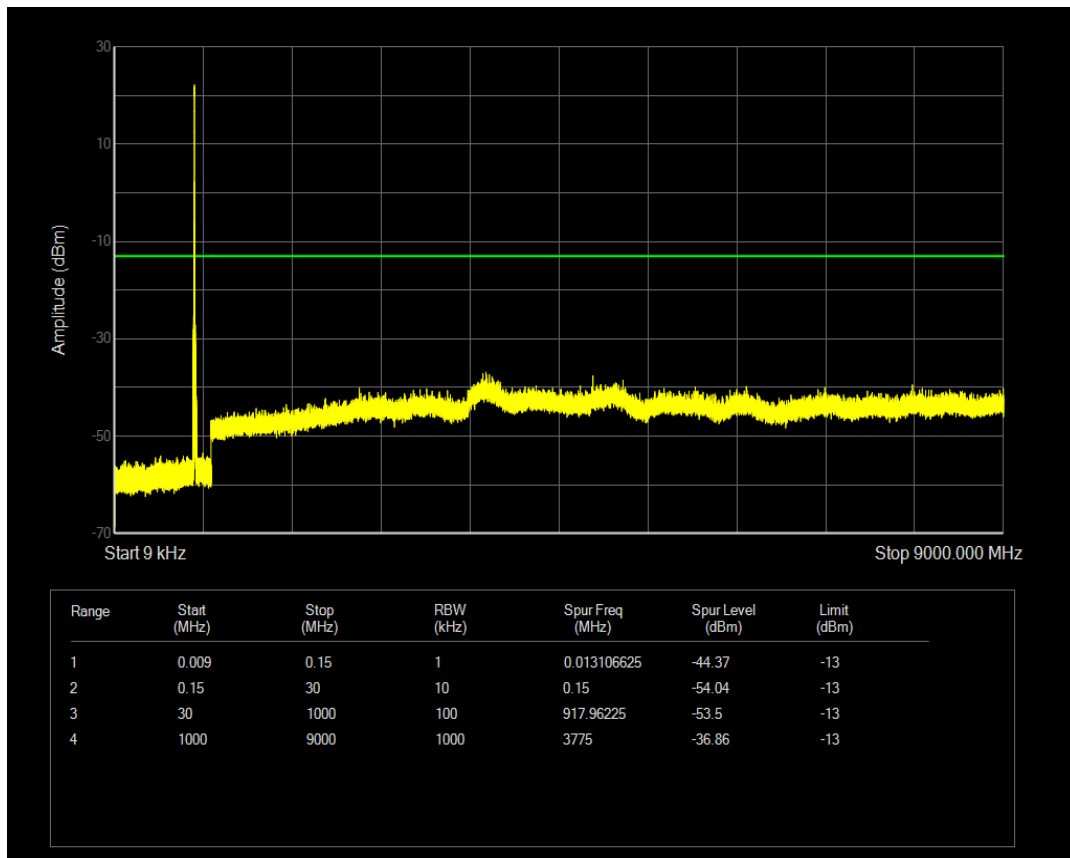
n5 SCS=30kHz DFT_QPSK BW=10MHz Channel=165800 RB=1@0



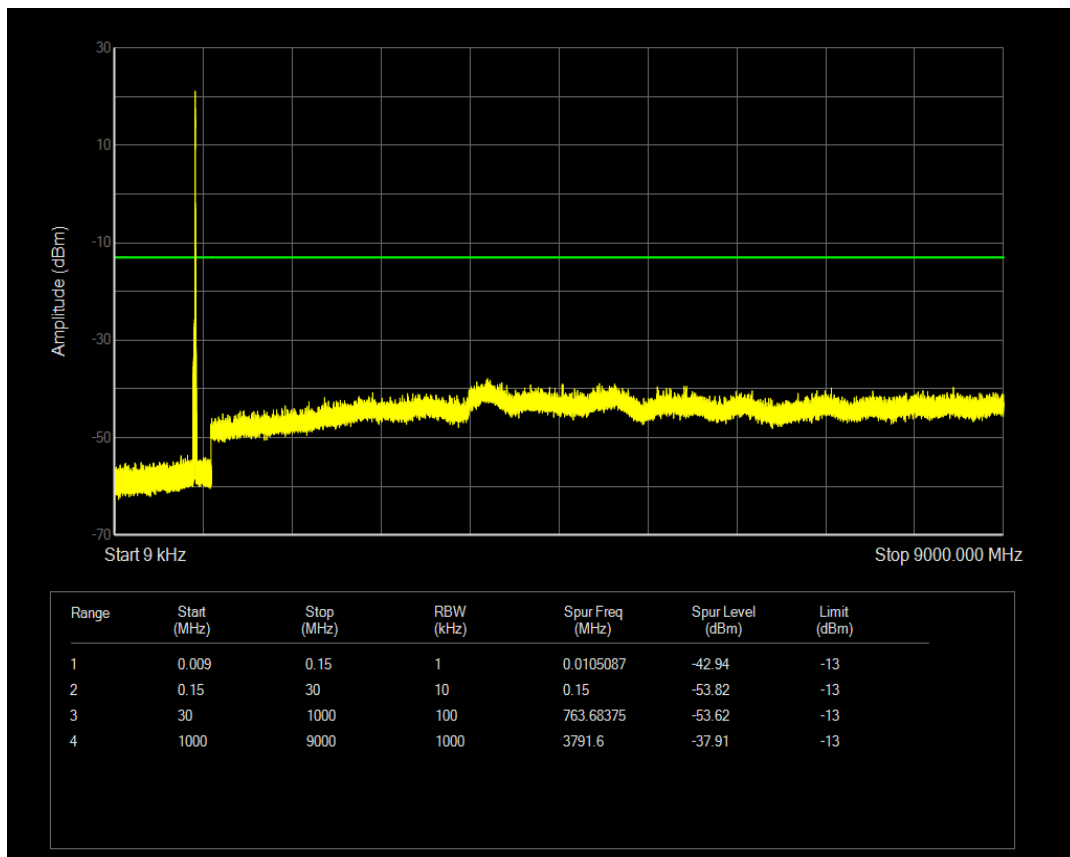
n5 SCS=30kHz DFT_QPSK BW=10MHz Channel=167300 RB=24@0



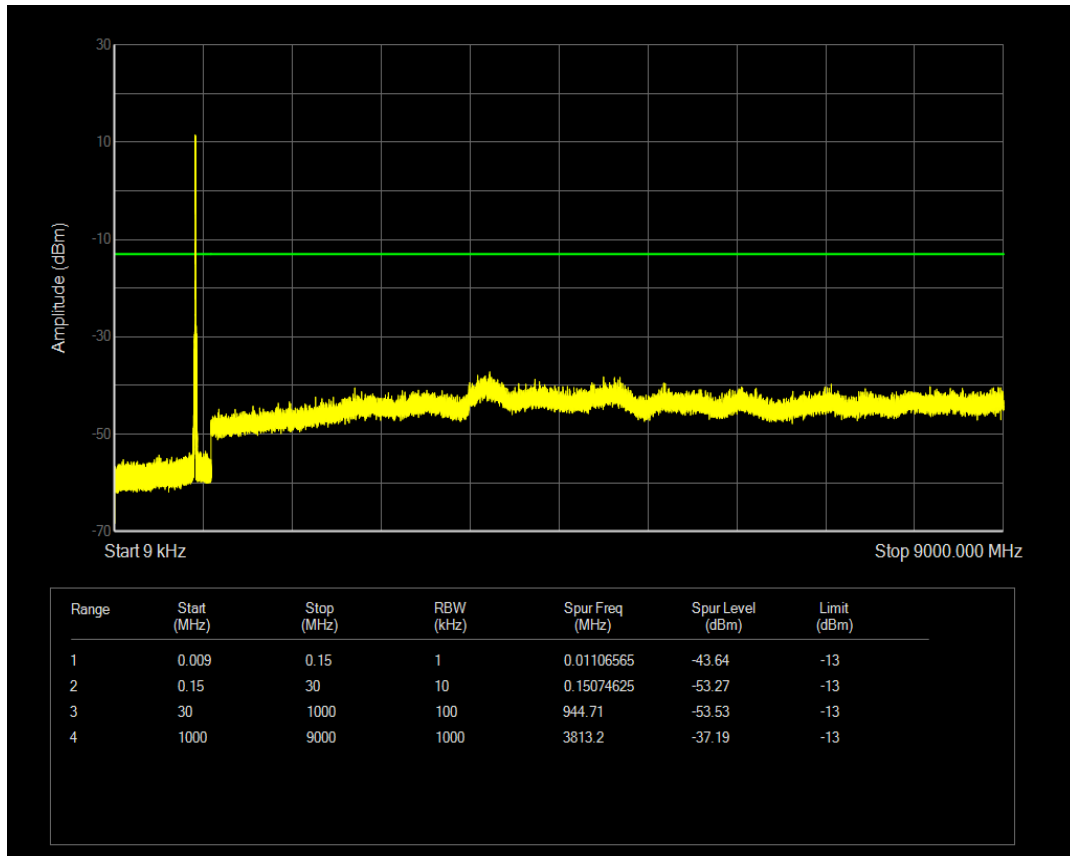
n5 SCS=30kHz DFT_QPSK BW=10MHz Channel=167300 RB=1@0



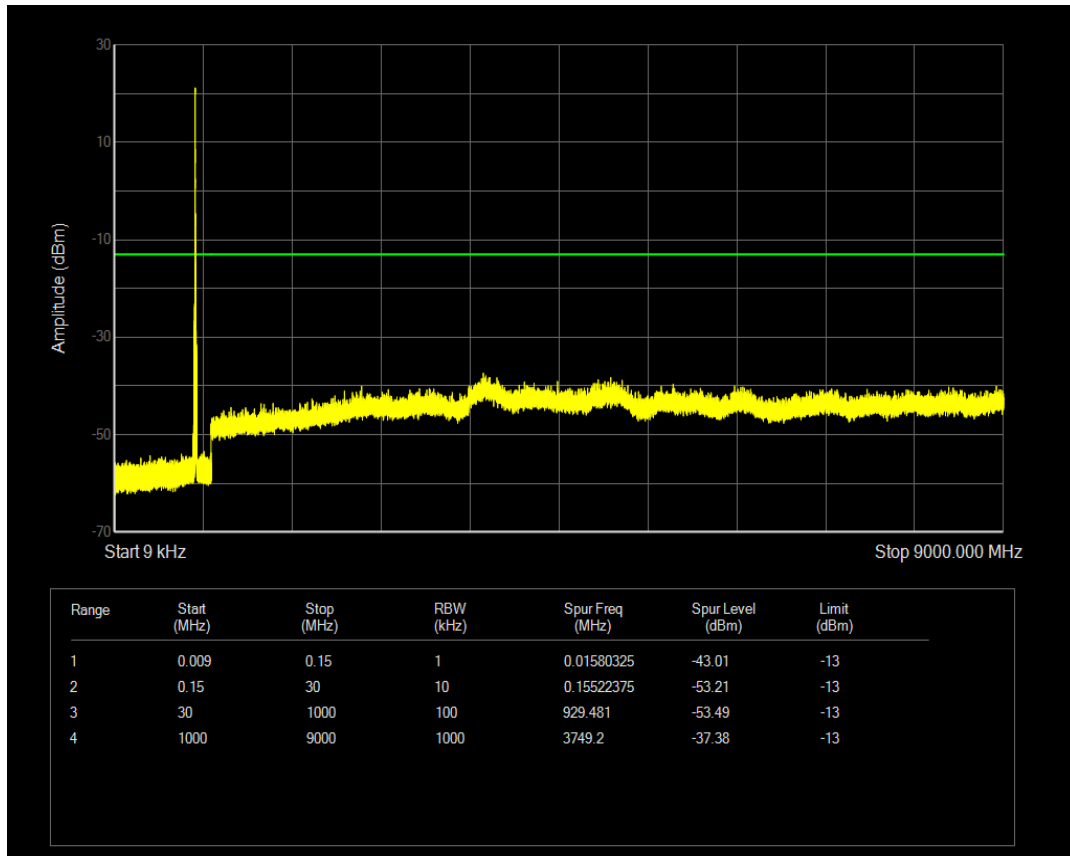
n5 SCS=30kHz DFT_QPSK BW=10MHz Channel=167300 RB=1@23



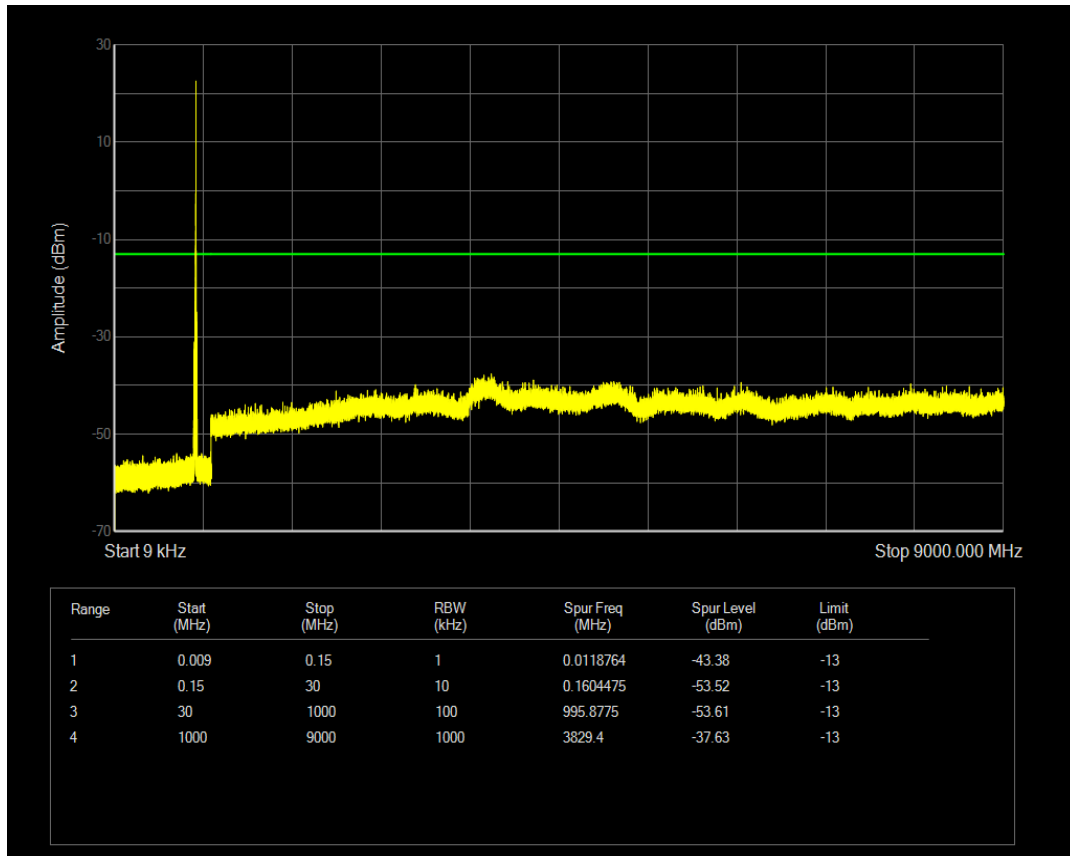
n5 SCS=30kHz DFT_QPSK BW=10MHz Channel=168800 RB=24@0



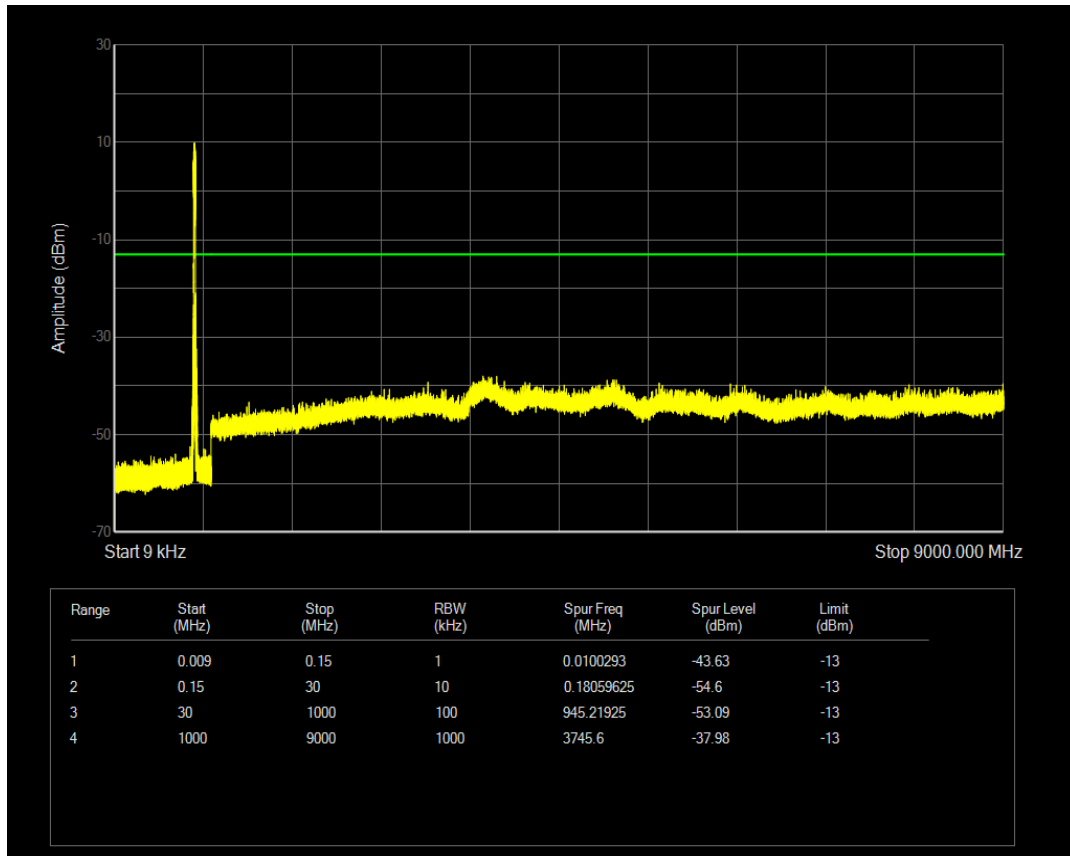
n5 SCS=30kHz DFT_QPSK BW=10MHz Channel=168800 RB=1@0



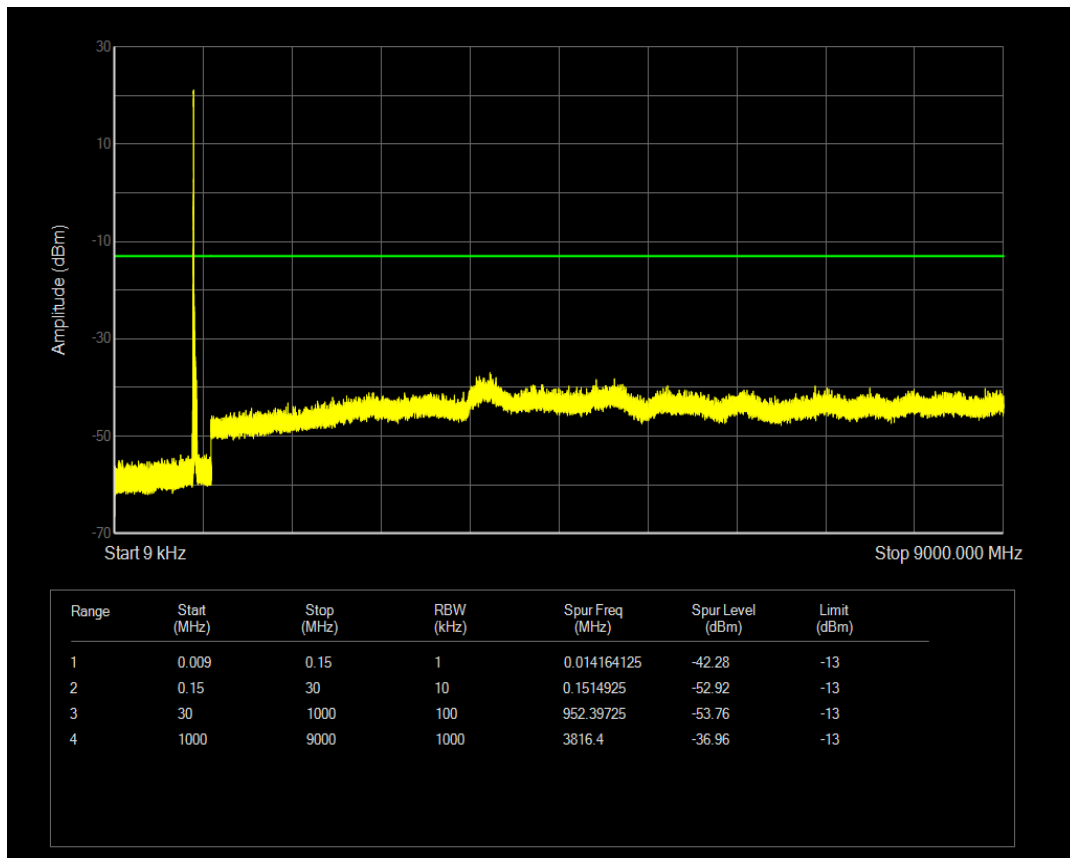
n5 SCS=30kHz DFT_QPSK BW=10MHz Channel=168800 RB=1@23



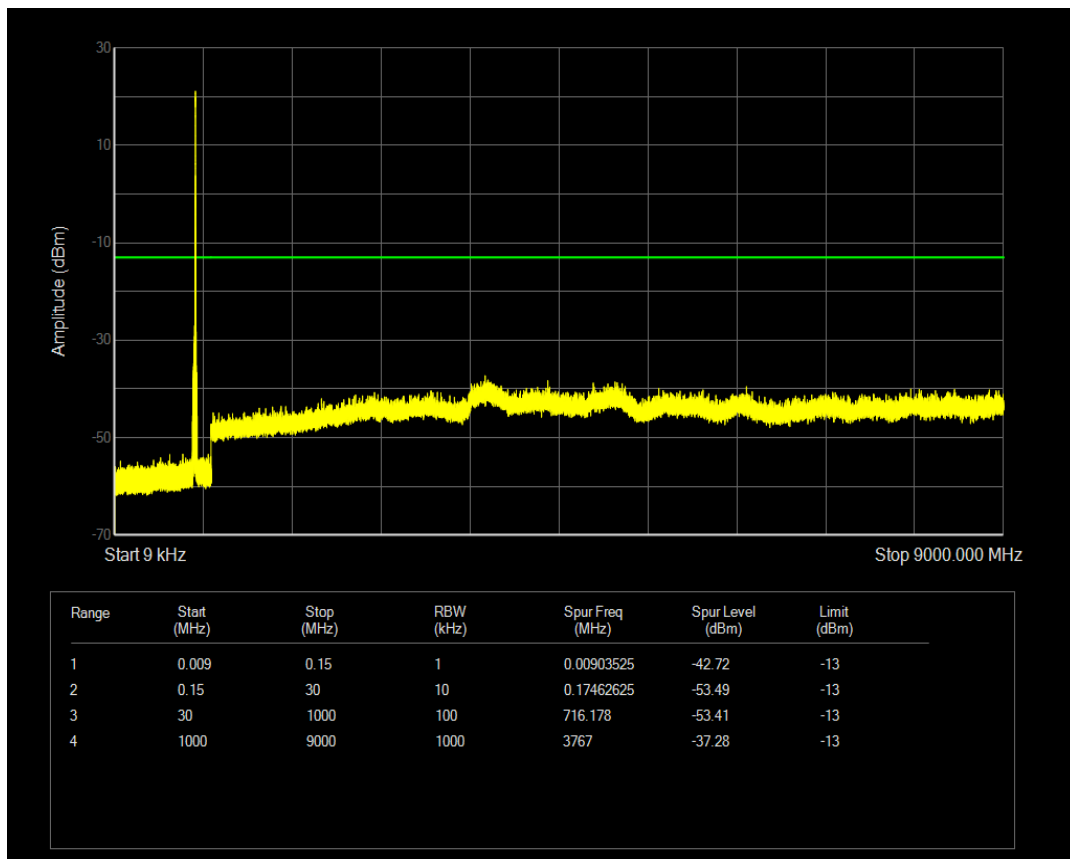
n5 SCS=30kHz DFT_QPSK BW=20MHz Channel=166800 RB=50@0



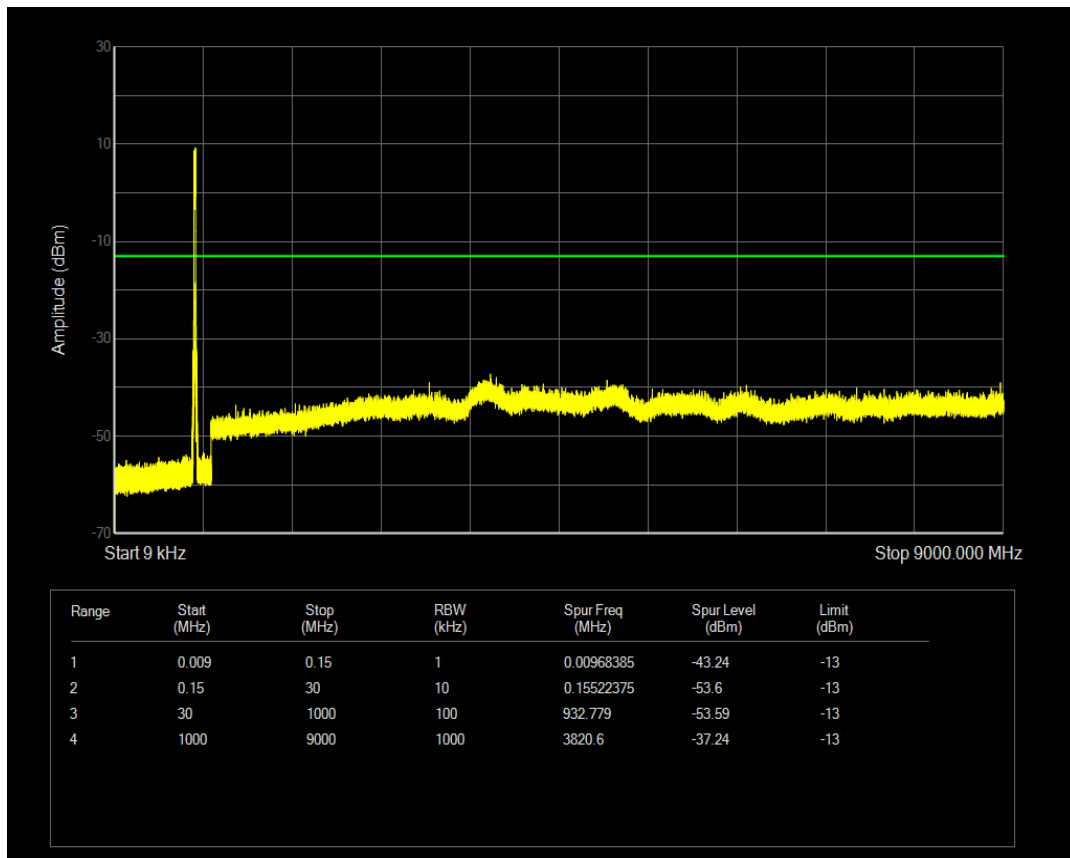
n5 SCS=30kHz DFT_QPSK BW=20MHz Channel=166800 RB=1@0



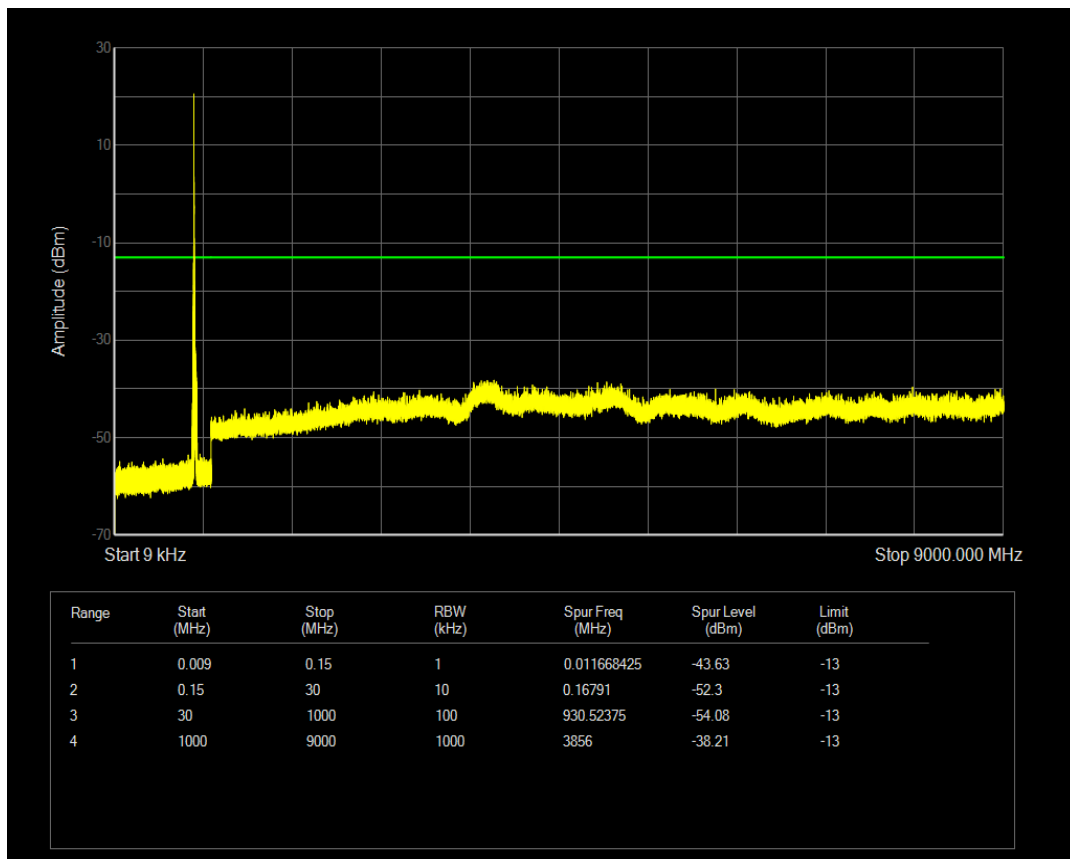
n5 SCS=30kHz DFT_QPSK BW=20MHz Channel=166800 RB=1@50



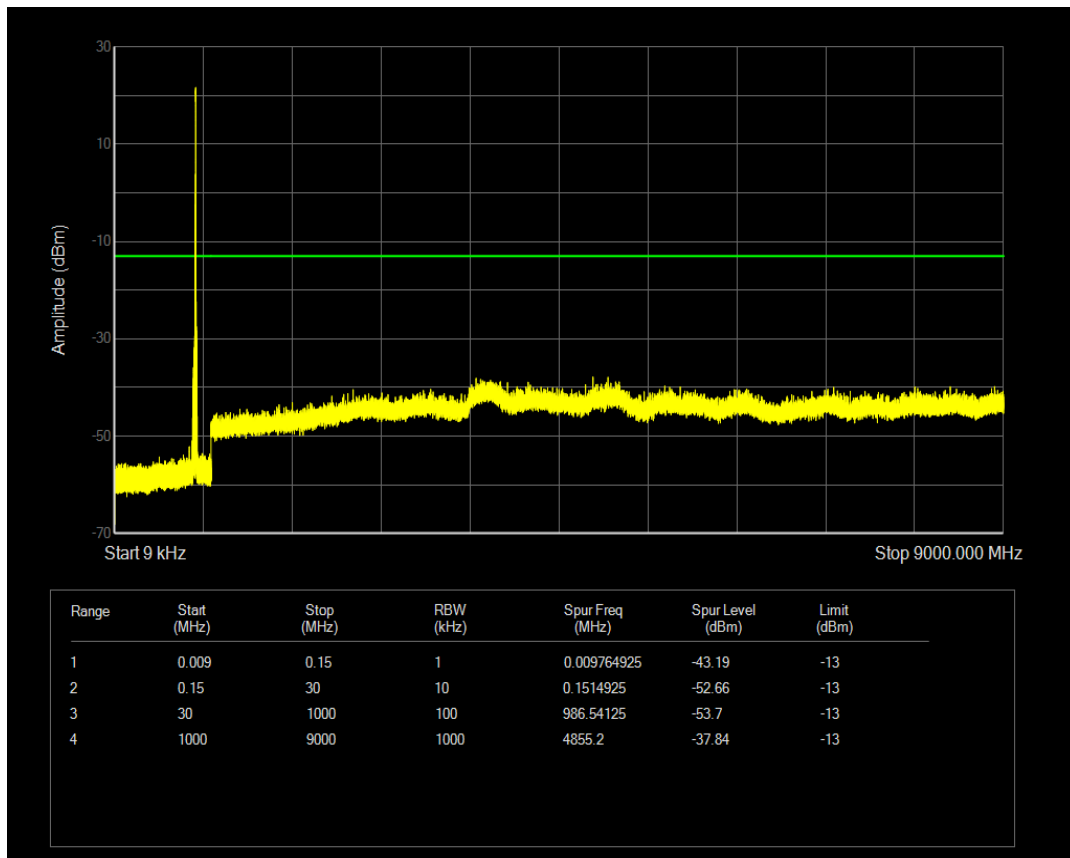
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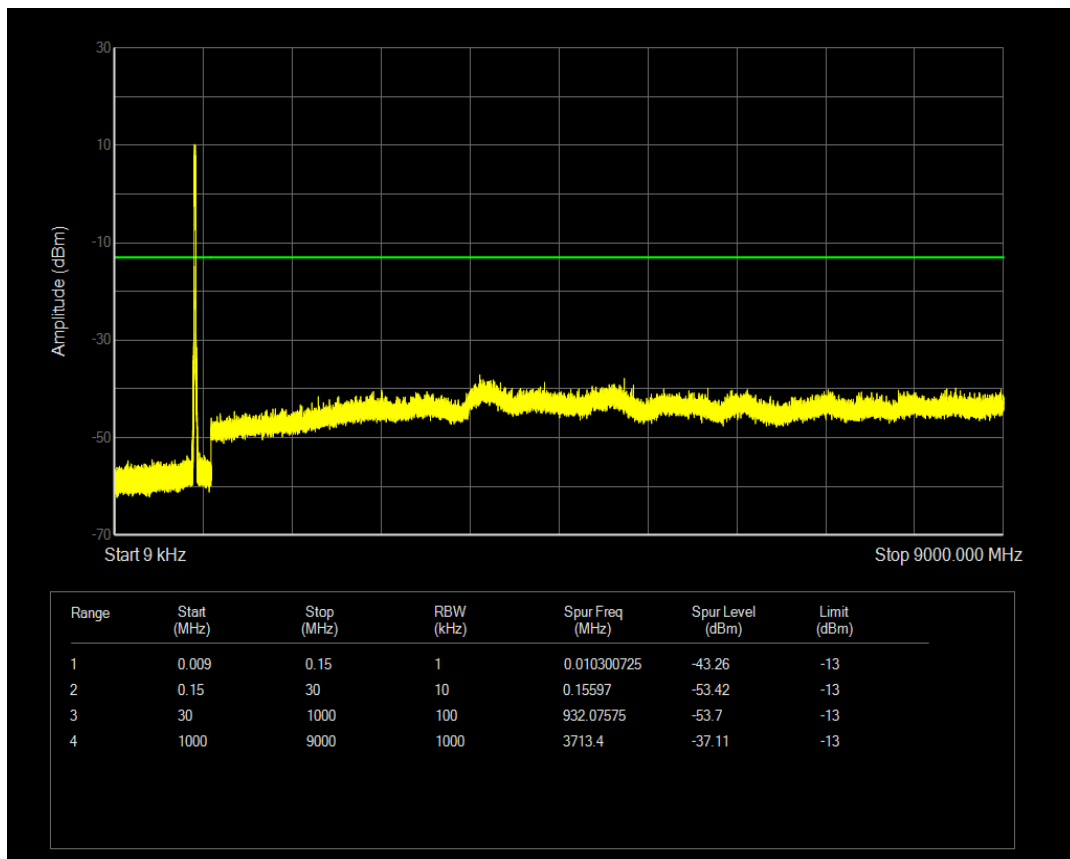
n5 SCS=30kHz DFT_QPSK BW=20MHz Channel=167300 RB=1@0



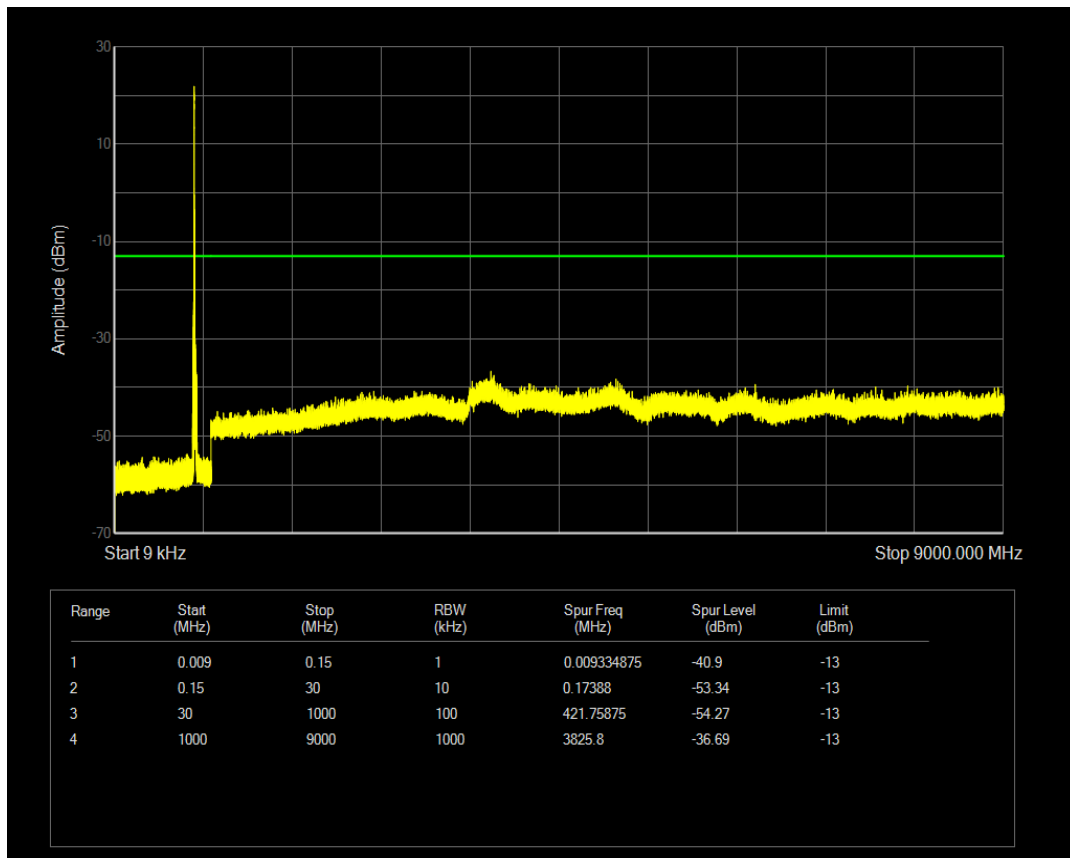
n5 SCS=30kHz DFT_QPSK BW=20MHz Channel=167300 RB=1@50



n5 SCS=30kHz DFT_QPSK BW=20MHz Channel=167800 RB=50@0



n5 SCS=30kHz DFT_QPSK BW=20MHz Channel=167800 RB=1@0



n5 SCS=30kHz DFT_QPSK BW=20MHz Channel=167800 RB=1@50

