

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
n5	30	10	165800	12@6	DFT_BPSK	22.36	17.41	38.5	PASS
n5	30	10	165800	1@1	DFT_BPSK	22.16	17.21	38.5	PASS
n5	30	10	165800	1@22	DFT_BPSK	22.46	17.51	38.5	PASS
n5	30	10	165800	12@6	DFT_QPSK	22.33	17.38	38.5	PASS
n5	30	10	165800	1@1	DFT_QPSK	22.16	17.21	38.5	PASS
n5	30	10	165800	1@22	DFT_QPSK	22.29	17.34	38.5	PASS
n5	30	10	165800	12@6	DFT_QAM16	21.40	16.45	38.5	PASS
n5	30	10	165800	1@1	DFT_QAM16	21.85	16.90	38.5	PASS
n5	30	10	165800	1@22	DFT_QAM16	22.04	17.09	38.5	PASS
n5	30	10	165800	12@6	DFT_QAM64	20.01	15.06	38.5	PASS
n5	30	10	165800	1@1	DFT_QAM64	19.81	14.86	38.5	PASS
n5	30	10	165800	1@22	DFT_QAM64	19.93	14.98	38.5	PASS
n5	30	10	165800	12@6	DFT_QAM256	18.04	13.09	38.5	PASS
n5	30	10	165800	1@1	DFT_QAM256	17.98	13.03	38.5	PASS
n5	30	10	165800	1@22	DFT_QAM256	18.17	13.22	38.5	PASS
n5	30	10	165800	12@6	CP_QPSK	20.85	15.90	38.5	PASS
n5	30	10	165800	1@1	CP_QPSK	20.81	15.86	38.5	PASS
n5	30	10	165800	1@22	CP_QPSK	20.99	16.04	38.5	PASS
n5	30	10	165800	12@6	CP_QAM16	20.33	15.38	38.5	PASS
n5	30	10	165800	1@1	CP_QAM16	20.48	15.53	38.5	PASS
n5	30	10	165800	1@22	CP_QAM16	20.69	15.74	38.5	PASS
n5	30	10	165800	12@6	CP_QAM64	18.90	13.95	38.5	PASS
n5	30	10	165800	1@1	CP_QAM64	19.05	14.10	38.5	PASS
n5	30	10	165800	1@22	CP_QAM64	19.29	14.34	38.5	PASS
n5	30	10	165800	12@6	CP_QAM256	15.84	10.89	38.5	PASS
n5	30	10	165800	1@1	CP_QAM256	15.49	10.54	38.5	PASS
n5	30	10	165800	1@22	CP_QAM256	15.75	10.80	38.5	PASS
n5	30	10	167300	12@6	DFT_BPSK	22.56	17.61	38.5	PASS
n5	30	10	167300	1@1	DFT_BPSK	22.43	17.48	38.5	PASS
n5	30	10	167300	1@22	DFT_BPSK	22.59	17.64	38.5	PASS
n5	30	10	167300	12@6	DFT_QPSK	22.53	17.58	38.5	PASS
n5	30	10	167300	1@1	DFT_QPSK	22.35	17.40	38.5	PASS
n5	30	10	167300	1@22	DFT_QPSK	22.51	17.56	38.5	PASS
n5	30	10	167300	12@6	DFT_QAM16	21.54	16.59	38.5	PASS
n5	30	10	167300	1@1	DFT_QAM16	21.76	16.81	38.5	PASS
n5	30	10	167300	1@22	DFT_QAM16	21.91	16.96	38.5	PASS
n5	30	10	167300	12@6	DFT_QAM64	20.19	15.24	38.5	PASS
n5	30	10	167300	1@1	DFT_QAM64	20.01	15.06	38.5	PASS

n5	30	10	167300	1@22	DFT_QAM64	20.24	15.29	38.5	PASS
n5	30	10	167300	12@6	DFT_QAM256	18.27	13.32	38.5	PASS
n5	30	10	167300	1@1	DFT_QAM256	18.21	13.26	38.5	PASS
n5	30	10	167300	1@22	DFT_QAM256	18.30	13.35	38.5	PASS
n5	30	10	167300	12@6	CP_QPSK	21.12	16.17	38.5	PASS
n5	30	10	167300	1@1	CP_QPSK	21.07	16.12	38.5	PASS
n5	30	10	167300	1@22	CP_QPSK	21.27	16.32	38.5	PASS
n5	30	10	167300	12@6	CP_QAM16	20.53	15.58	38.5	PASS
n5	30	10	167300	1@1	CP_QAM16	20.65	15.70	38.5	PASS
n5	30	10	167300	1@22	CP_QAM16	20.74	15.79	38.5	PASS
n5	30	10	167300	12@6	CP_QAM64	19.12	14.17	38.5	PASS
n5	30	10	167300	1@1	CP_QAM64	18.42	13.47	38.5	PASS
n5	30	10	167300	1@22	CP_QAM64	19.37	14.42	38.5	PASS
n5	30	10	167300	12@6	CP_QAM256	16.03	11.08	38.5	PASS
n5	30	10	167300	1@1	CP_QAM256	15.75	10.80	38.5	PASS
n5	30	10	167300	1@22	CP_QAM256	15.92	10.97	38.5	PASS
n5	30	10	168800	12@6	DFT_BPSK	22.66	17.71	38.5	PASS
n5	30	10	168800	1@1	DFT_BPSK	22.63	17.68	38.5	PASS
n5	30	10	168800	1@22	DFT_BPSK	22.51	17.56	38.5	PASS
n5	30	10	168800	12@6	DFT_QPSK	22.64	17.69	38.5	PASS
n5	30	10	168800	1@1	DFT_QPSK	22.47	17.52	38.5	PASS
n5	30	10	168800	1@22	DFT_QPSK	22.46	17.51	38.5	PASS
n5	30	10	168800	12@6	DFT_QAM16	21.76	16.81	38.5	PASS
n5	30	10	168800	1@1	DFT_QAM16	22.03	17.08	38.5	PASS
n5	30	10	168800	1@22	DFT_QAM16	21.96	17.01	38.5	PASS
n5	30	10	168800	12@6	DFT_QAM64	20.12	15.17	38.5	PASS
n5	30	10	168800	1@1	DFT_QAM64	19.97	15.02	38.5	PASS
n5	30	10	168800	1@22	DFT_QAM64	20.16	15.21	38.5	PASS
n5	30	10	168800	12@6	DFT_QAM256	18.25	13.30	38.5	PASS
n5	30	10	168800	1@1	DFT_QAM256	18.32	13.37	38.5	PASS
n5	30	10	168800	1@22	DFT_QAM256	18.33	13.38	38.5	PASS
n5	30	10	168800	12@6	CP_QPSK	21.10	16.15	38.5	PASS
n5	30	10	168800	1@1	CP_QPSK	21.19	16.24	38.5	PASS
n5	30	10	168800	1@22	CP_QPSK	21.17	16.22	38.5	PASS
n5	30	10	168800	12@6	CP_QAM16	20.70	15.75	38.5	PASS
n5	30	10	168800	1@1	CP_QAM16	20.84	15.89	38.5	PASS
n5	30	10	168800	1@22	CP_QAM16	20.83	15.88	38.5	PASS
n5	30	10	168800	12@6	CP_QAM64	19.17	14.22	38.5	PASS
n5	30	10	168800	1@1	CP_QAM64	18.71	13.76	38.5	PASS
n5	30	10	168800	1@22	CP_QAM64	18.74	13.79	38.5	PASS
n5	30	10	168800	12@6	CP_QAM256	16.07	11.12	38.5	PASS
n5	30	10	168800	1@1	CP_QAM256	15.89	10.94	38.5	PASS

n5	30	10	168800	1@22	CP_QAM256	15.84	10.89	38.5	PASS
n5	30	15	166300	18@9	DFT_BPSK	22.38	17.43	38.5	PASS
n5	30	15	166300	1@1	DFT_BPSK	22.18	17.23	38.5	PASS
n5	30	15	166300	1@36	DFT_BPSK	22.50	17.55	38.5	PASS
n5	30	15	166300	18@9	DFT_QPSK	22.37	17.42	38.5	PASS
n5	30	15	166300	1@1	DFT_QPSK	22.07	17.12	38.5	PASS
n5	30	15	166300	1@36	DFT_QPSK	22.41	17.46	38.5	PASS
n5	30	15	166300	18@9	DFT_QAM16	21.41	16.46	38.5	PASS
n5	30	15	166300	1@1	DFT_QAM16	21.80	16.85	38.5	PASS
n5	30	15	166300	1@36	DFT_QAM16	21.78	16.83	38.5	PASS
n5	30	15	166300	18@9	DFT_QAM64	19.85	14.90	38.5	PASS
n5	30	15	166300	1@1	DFT_QAM64	19.86	14.91	38.5	PASS
n5	30	15	166300	1@36	DFT_QAM64	20.15	15.20	38.5	PASS
n5	30	15	166300	18@9	DFT_QAM256	17.93	12.98	38.5	PASS
n5	30	15	166300	1@1	DFT_QAM256	17.72	12.77	38.5	PASS
n5	30	15	166300	1@36	DFT_QAM256	18.29	13.34	38.5	PASS
n5	30	15	166300	19@9	CP_QPSK	20.80	15.85	38.5	PASS
n5	30	15	166300	1@1	CP_QPSK	20.62	15.67	38.5	PASS
n5	30	15	166300	1@36	CP_QPSK	20.95	16.00	38.5	PASS
n5	30	15	166300	19@9	CP_QAM16	20.30	15.35	38.5	PASS
n5	30	15	166300	1@1	CP_QAM16	20.36	15.41	38.5	PASS
n5	30	15	166300	1@36	CP_QAM16	20.78	15.83	38.5	PASS
n5	30	15	166300	19@9	CP_QAM64	18.94	13.99	38.5	PASS
n5	30	15	166300	1@1	CP_QAM64	18.18	13.23	38.5	PASS
n5	30	15	166300	1@36	CP_QAM64	18.51	13.56	38.5	PASS
n5	30	15	166300	19@9	CP_QAM256	15.84	10.89	38.5	PASS
n5	30	15	166300	1@1	CP_QAM256	15.32	10.37	38.5	PASS
n5	30	15	166300	1@36	CP_QAM256	15.74	10.79	38.5	PASS
n5	30	15	167300	18@9	DFT_BPSK	22.47	17.52	38.5	PASS
n5	30	15	167300	1@1	DFT_BPSK	22.17	17.22	38.5	PASS
n5	30	15	167300	1@36	DFT_BPSK	22.49	17.54	38.5	PASS
n5	30	15	167300	18@9	DFT_QPSK	22.53	17.58	38.5	PASS
n5	30	15	167300	1@1	DFT_QPSK	22.19	17.24	38.5	PASS
n5	30	15	167300	1@36	DFT_QPSK	22.51	17.56	38.5	PASS
n5	30	15	167300	18@9	DFT_QAM16	21.52	16.57	38.5	PASS
n5	30	15	167300	1@1	DFT_QAM16	21.71	16.76	38.5	PASS
n5	30	15	167300	1@36	DFT_QAM16	21.98	17.03	38.5	PASS
n5	30	15	167300	18@9	DFT_QAM64	19.98	15.03	38.5	PASS
n5	30	15	167300	1@1	DFT_QAM64	19.83	14.88	38.5	PASS
n5	30	15	167300	1@36	DFT_QAM64	20.20	15.25	38.5	PASS
n5	30	15	167300	18@9	DFT_QAM256	18.02	13.07	38.5	PASS
n5	30	15	167300	1@1	DFT_QAM256	18.09	13.14	38.5	PASS

n5	30	15	167300	1@36	DFT_QAM256	18.37	13.42	38.5	PASS
n5	30	15	167300	19@9	CP_QPSK	20.87	15.92	38.5	PASS
n5	30	15	167300	1@1	CP_QPSK	20.91	15.96	38.5	PASS
n5	30	15	167300	1@36	CP_QPSK	21.13	16.18	38.5	PASS
n5	30	15	167300	19@9	CP_QAM16	20.52	15.57	38.5	PASS
n5	30	15	167300	1@1	CP_QAM16	20.48	15.53	38.5	PASS
n5	30	15	167300	1@36	CP_QAM16	20.78	15.83	38.5	PASS
n5	30	15	167300	19@9	CP_QAM64	19.00	14.05	38.5	PASS
n5	30	15	167300	1@1	CP_QAM64	19.08	14.13	38.5	PASS
n5	30	15	167300	1@36	CP_QAM64	19.33	14.38	38.5	PASS
n5	30	15	167300	19@9	CP_QAM256	15.97	11.02	38.5	PASS
n5	30	15	167300	1@1	CP_QAM256	15.55	10.60	38.5	PASS
n5	30	15	167300	1@36	CP_QAM256	15.85	10.90	38.5	PASS
n5	30	15	168300	18@9	DFT_BPSK	22.59	17.64	38.5	PASS
n5	30	15	168300	1@1	DFT_BPSK	22.45	17.50	38.5	PASS
n5	30	15	168300	1@36	DFT_BPSK	22.53	17.58	38.5	PASS
n5	30	15	168300	18@9	DFT_QPSK	22.67	17.72	38.5	PASS
n5	30	15	168300	1@1	DFT_QPSK	22.26	17.31	38.5	PASS
n5	30	15	168300	1@36	DFT_QPSK	22.29	17.34	38.5	PASS
n5	30	15	168300	18@9	DFT_QAM16	21.54	16.59	38.5	PASS
n5	30	15	168300	1@1	DFT_QAM16	21.65	16.70	38.5	PASS
n5	30	15	168300	1@36	DFT_QAM16	21.71	16.76	38.5	PASS
n5	30	15	168300	18@9	DFT_QAM64	20.15	15.20	38.5	PASS
n5	30	15	168300	1@1	DFT_QAM64	19.98	15.03	38.5	PASS
n5	30	15	168300	1@36	DFT_QAM64	20.01	15.06	38.5	PASS
n5	30	15	168300	18@9	DFT_QAM256	18.14	13.19	38.5	PASS
n5	30	15	168300	1@1	DFT_QAM256	18.11	13.16	38.5	PASS
n5	30	15	168300	1@36	DFT_QAM256	18.11	13.16	38.5	PASS
n5	30	15	168300	19@9	CP_QPSK	21.02	16.07	38.5	PASS
n5	30	15	168300	1@1	CP_QPSK	21.06	16.11	38.5	PASS
n5	30	15	168300	1@36	CP_QPSK	21.11	16.16	38.5	PASS
n5	30	15	168300	19@9	CP_QAM16	20.50	15.55	38.5	PASS
n5	30	15	168300	1@1	CP_QAM16	20.69	15.74	38.5	PASS
n5	30	15	168300	1@36	CP_QAM16	20.75	15.80	38.5	PASS
n5	30	15	168300	19@9	CP_QAM64	19.14	14.19	38.5	PASS
n5	30	15	168300	1@1	CP_QAM64	19.26	14.31	38.5	PASS
n5	30	15	168300	1@36	CP_QAM64	19.25	14.30	38.5	PASS
n5	30	15	168300	19@9	CP_QAM256	16.01	11.06	38.5	PASS
n5	30	15	168300	1@1	CP_QAM256	15.81	10.86	38.5	PASS
n5	30	15	168300	1@36	CP_QAM256	15.79	10.84	38.5	PASS
n5	30	20	166800	25@12	DFT_BPSK	22.43	17.48	38.5	PASS
n5	30	20	166800	1@1	DFT_BPSK	22.17	17.22	38.5	PASS

n5	30	20	166800	1@49	DFT_BPSK	22.49	17.54	38.5	PASS
n5	30	20	166800	25@12	DFT_QPSK	22.45	17.50	38.5	PASS
n5	30	20	166800	1@1	DFT_QPSK	22.06	17.11	38.5	PASS
n5	30	20	166800	1@49	DFT_QPSK	22.48	17.53	38.5	PASS
n5	30	20	166800	25@12	DFT_QAM16	21.48	16.53	38.5	PASS
n5	30	20	166800	1@1	DFT_QAM16	21.43	16.48	38.5	PASS
n5	30	20	166800	1@49	DFT_QAM16	21.71	16.76	38.5	PASS
n5	30	20	166800	25@12	DFT_QAM64	20.07	15.12	38.5	PASS
n5	30	20	166800	1@1	DFT_QAM64	19.80	14.85	38.5	PASS
n5	30	20	166800	1@49	DFT_QAM64	20.33	15.38	38.5	PASS
n5	30	20	166800	25@12	DFT_QAM256	18.09	13.14	38.5	PASS
n5	30	20	166800	1@1	DFT_QAM256	17.93	12.98	38.5	PASS
n5	30	20	166800	1@49	DFT_QAM256	18.27	13.32	38.5	PASS
n5	30	20	166800	25@12	CP_QPSK	20.90	15.95	38.5	PASS
n5	30	20	166800	1@1	CP_QPSK	20.72	15.77	38.5	PASS
n5	30	20	166800	1@49	CP_QPSK	21.18	16.23	38.5	PASS
n5	30	20	166800	25@12	CP_QAM16	20.48	15.53	38.5	PASS
n5	30	20	166800	1@1	CP_QAM16	20.28	15.33	38.5	PASS
n5	30	20	166800	1@49	CP_QAM16	20.69	15.74	38.5	PASS
n5	30	20	166800	25@12	CP_QAM64	19.01	14.06	38.5	PASS
n5	30	20	166800	1@1	CP_QAM64	18.90	13.95	38.5	PASS
n5	30	20	166800	1@49	CP_QAM64	19.33	14.38	38.5	PASS
n5	30	20	166800	25@12	CP_QAM256	15.87	10.92	38.5	PASS
n5	30	20	166800	1@1	CP_QAM256	15.48	10.53	38.5	PASS
n5	30	20	166800	1@49	CP_QAM256	15.75	10.80	38.5	PASS
n5	30	20	167300	25@12	DFT_BPSK	22.56	17.61	38.5	PASS
n5	30	20	167300	1@1	DFT_BPSK	22.01	17.06	38.5	PASS
n5	30	20	167300	1@49	DFT_BPSK	22.41	17.46	38.5	PASS
n5	30	20	167300	25@12	DFT_QPSK	22.54	17.59	38.5	PASS
n5	30	20	167300	1@1	DFT_QPSK	22.02	17.07	38.5	PASS
n5	30	20	167300	1@49	DFT_QPSK	22.34	17.39	38.5	PASS
n5	30	20	167300	25@12	DFT_QAM16	21.56	16.61	38.5	PASS
n5	30	20	167300	1@1	DFT_QAM16	21.62	16.67	38.5	PASS
n5	30	20	167300	1@49	DFT_QAM16	21.95	17.00	38.5	PASS
n5	30	20	167300	25@12	DFT_QAM64	19.99	15.04	38.5	PASS
n5	30	20	167300	1@1	DFT_QAM64	19.71	14.76	38.5	PASS
n5	30	20	167300	1@49	DFT_QAM64	20.06	15.11	38.5	PASS
n5	30	20	167300	25@12	DFT_QAM256	18.16	13.21	38.5	PASS
n5	30	20	167300	1@1	DFT_QAM256	17.70	12.75	38.5	PASS
n5	30	20	167300	1@49	DFT_QAM256	18.30	13.35	38.5	PASS
n5	30	20	167300	25@12	CP_QPSK	20.95	16.00	38.5	PASS
n5	30	20	167300	1@1	CP_QPSK	20.82	15.87	38.5	PASS

n5	30	20	167300	1@49	CP_QPSK	21.09	16.14	38.5	PASS
n5	30	20	167300	25@12	CP_QAM16	20.46	15.51	38.5	PASS
n5	30	20	167300	1@1	CP_QAM16	20.34	15.39	38.5	PASS
n5	30	20	167300	1@49	CP_QAM16	20.64	15.69	38.5	PASS
n5	30	20	167300	25@12	CP_QAM64	19.13	14.18	38.5	PASS
n5	30	20	167300	1@1	CP_QAM64	18.92	13.97	38.5	PASS
n5	30	20	167300	1@49	CP_QAM64	19.24	14.29	38.5	PASS
n5	30	20	167300	25@12	CP_QAM256	16.05	11.10	38.5	PASS
n5	30	20	167300	1@1	CP_QAM256	15.39	10.44	38.5	PASS
n5	30	20	167300	1@49	CP_QAM256	15.75	10.80	38.5	PASS
n5	30	20	167800	25@12	DFT_BPSK	22.60	17.65	38.5	PASS
n5	30	20	167800	1@1	DFT_BPSK	22.13	17.18	38.5	PASS
n5	30	20	167800	1@49	DFT_BPSK	22.46	17.51	38.5	PASS
n5	30	20	167800	25@12	DFT_QPSK	22.61	17.66	38.5	PASS
n5	30	20	167800	1@1	DFT_QPSK	22.04	17.09	38.5	PASS
n5	30	20	167800	1@49	DFT_QPSK	22.31	17.36	38.5	PASS
n5	30	20	167800	25@12	DFT_QAM16	21.72	16.77	38.5	PASS
n5	30	20	167800	1@1	DFT_QAM16	21.71	16.76	38.5	PASS
n5	30	20	167800	1@49	DFT_QAM16	21.91	16.96	38.5	PASS
n5	30	20	167800	25@12	DFT_QAM64	20.20	15.25	38.5	PASS
n5	30	20	167800	1@1	DFT_QAM64	19.97	15.02	38.5	PASS
n5	30	20	167800	1@49	DFT_QAM64	20.01	15.06	38.5	PASS
n5	30	20	167800	25@12	DFT_QAM256	18.19	13.24	38.5	PASS
n5	30	20	167800	1@1	DFT_QAM256	17.77	12.82	38.5	PASS
n5	30	20	167800	1@49	DFT_QAM256	18.25	13.30	38.5	PASS
n5	30	20	167800	25@12	CP_QPSK	21.05	16.10	38.5	PASS
n5	30	20	167800	1@1	CP_QPSK	20.79	15.84	38.5	PASS
n5	30	20	167800	1@49	CP_QPSK	21.07	16.12	38.5	PASS
n5	30	20	167800	25@12	CP_QAM16	20.55	15.60	38.5	PASS
n5	30	20	167800	1@1	CP_QAM16	20.48	15.53	38.5	PASS
n5	30	20	167800	1@49	CP_QAM16	20.73	15.78	38.5	PASS
n5	30	20	167800	25@12	CP_QAM64	19.14	14.19	38.5	PASS
n5	30	20	167800	1@1	CP_QAM64	19.10	14.15	38.5	PASS
n5	30	20	167800	1@49	CP_QAM64	19.40	14.45	38.5	PASS
n5	30	20	167800	25@12	CP_QAM256	16.15	11.20	38.5	PASS
n5	30	20	167800	1@1	CP_QAM256	15.55	10.60	38.5	PASS
n5	30	20	167800	1@49	CP_QAM256	15.79	10.84	38.5	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
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n5	30	20	167300	25@12	DFT_BPSK	3.87	-6.70	-0.01	Within authorized band for 5G NR n5	PASS
n5	30	20	167300	25@12	DFT_BPSK	3.50	-7.46	-0.01		PASS
n5	30	20	167300	25@12	DFT_BPSK	4.45	-6.96	-0.01		PASS
n5	30	20	167300	25@12	DFT_QPSK	3.87	-6.52	-0.01		PASS
n5	30	20	167300	25@12	DFT_QPSK	3.50	-7.18	-0.01		PASS
n5	30	20	167300	25@12	DFT_QPSK	4.45	-6.88	-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
n5	30	20	167300	25@12	DFT_BPSK	-30	-2.39	0.00	Within authorized band for 5G NR n5	PASS
n5	30	20	167300	25@12	DFT_BPSK	-20	-1.67	0.00		PASS
n5	30	20	167300	25@12	DFT_BPSK	-10	-5.12	0.00		PASS
n5	30	20	167300	25@12	DFT_BPSK	0	-3.69	0.00		PASS
n5	30	20	167300	25@12	DFT_BPSK	10	-4.57	0.00		PASS
n5	30	20	167300	25@12	DFT_BPSK	20	-3.55	0.00		PASS
n5	30	20	167300	25@12	DFT_BPSK	30	-6.12	0.00		PASS
n5	30	20	167300	25@12	DFT_BPSK	40	-4.15	0.00		PASS
n5	30	20	167300	25@12	DFT_BPSK	50	-4.76	0.00		PASS
n5	30	20	167300	25@12	DFT_QPSK	-30	-3.85	0.00		PASS
n5	30	20	167300	25@12	DFT_QPSK	-20	-2.86	0.00		PASS
n5	30	20	167300	25@12	DFT_QPSK	-10	-3.79	0.00		PASS
n5	30	20	167300	25@12	DFT_QPSK	0	-3.16	0.00		PASS
n5	30	20	167300	25@12	DFT_QPSK	10	-2.42	0.00		PASS
n5	30	20	167300	25@12	DFT_QPSK	20	-2.37	0.00		PASS
n5	30	20	167300	25@12	DFT_QPSK	30	-1.78	0.00		PASS
n5	30	20	167300	25@12	DFT_QPSK	40	-5.20	0.00		PASS
n5	30	20	167300	25@12	DFT_QPSK	50	-3.10	0.00		PASS

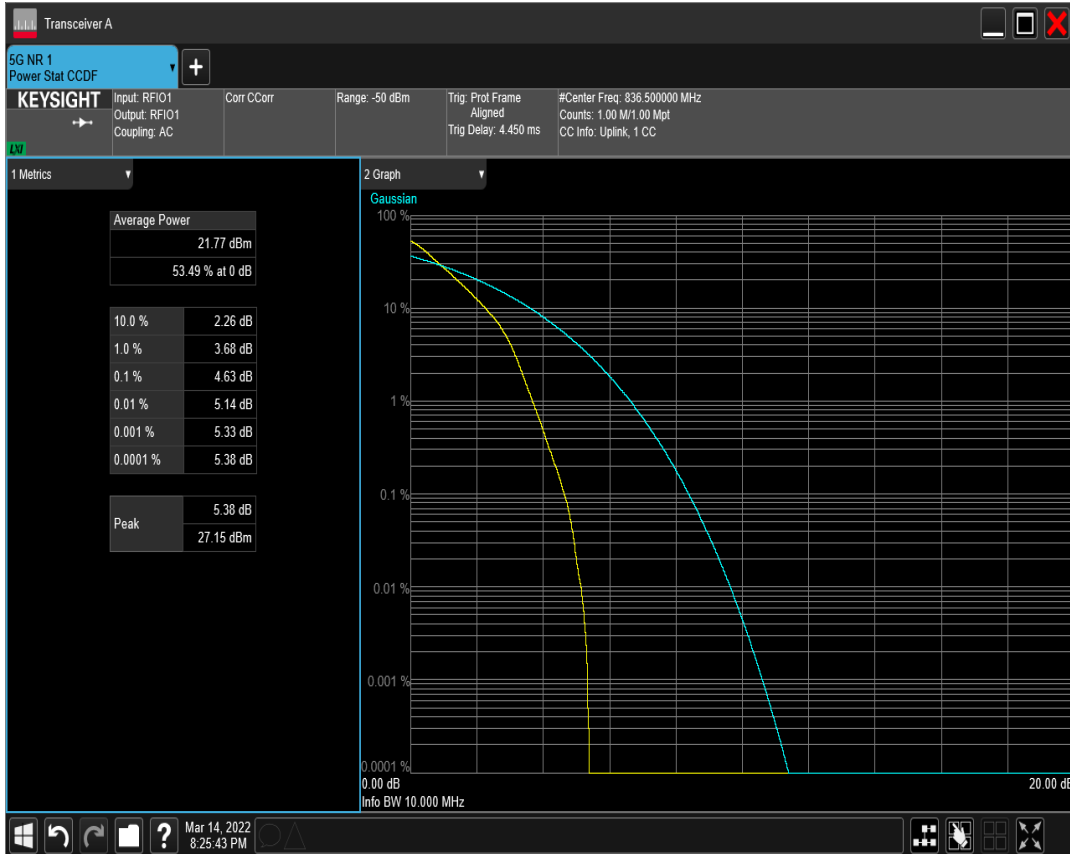
Note: Only the worst case shown in the report.

3 Peak-to-Average Ratio for NR FR1

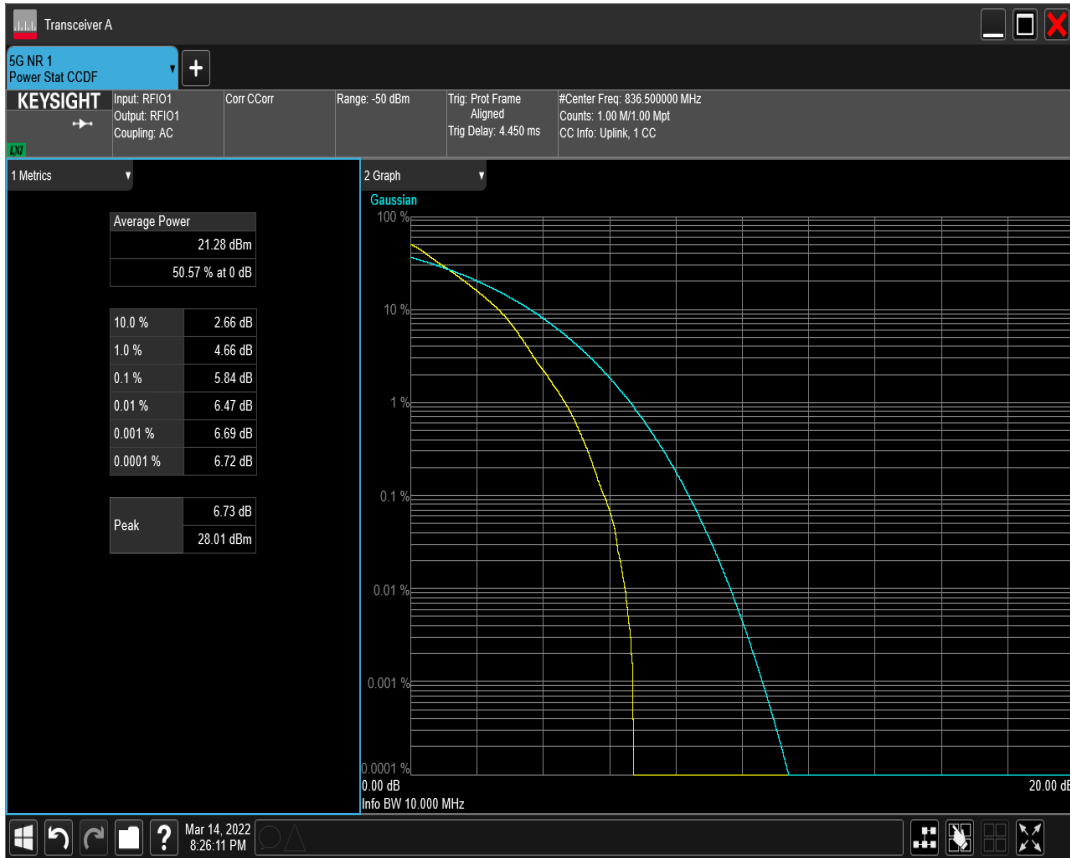
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n5	30	10	167300	24@0	DFT_BPSK	4.63	13	PASS
n5	30	10	167300	24@0	DFT_QPSK	5.84	13	PASS
n5	30	10	167300	24@0	DFT_QAM16	6.55	13	PASS
n5	30	10	167300	24@0	DFT_QAM64	6.75	13	PASS
n5	30	10	167300	24@0	DFT_QAM256	6.93	13	PASS
n5	30	15	167300	36@0	DFT_BPSK	4.59	13	PASS
n5	30	15	167300	36@0	DFT_QPSK	5.61	13	PASS
n5	30	15	167300	36@0	DFT_QAM16	6.41	13	PASS
n5	30	15	167300	36@0	DFT_QAM64	6.70	13	PASS

n5	30	15	167300	36@0	DFT_QAM256	6.96	13	PASS
n5	30	20	167300	50@0	DFT_BPSK	4.55	13	PASS
n5	30	20	167300	50@0	DFT_QPSK	5.86	13	PASS
n5	30	20	167300	50@0	DFT_QAM16	6.55	13	PASS
n5	30	20	167300	50@0	DFT_QAM64	6.67	13	PASS
n5	30	20	167300	50@0	DFT_QAM256	7.03	13	PASS

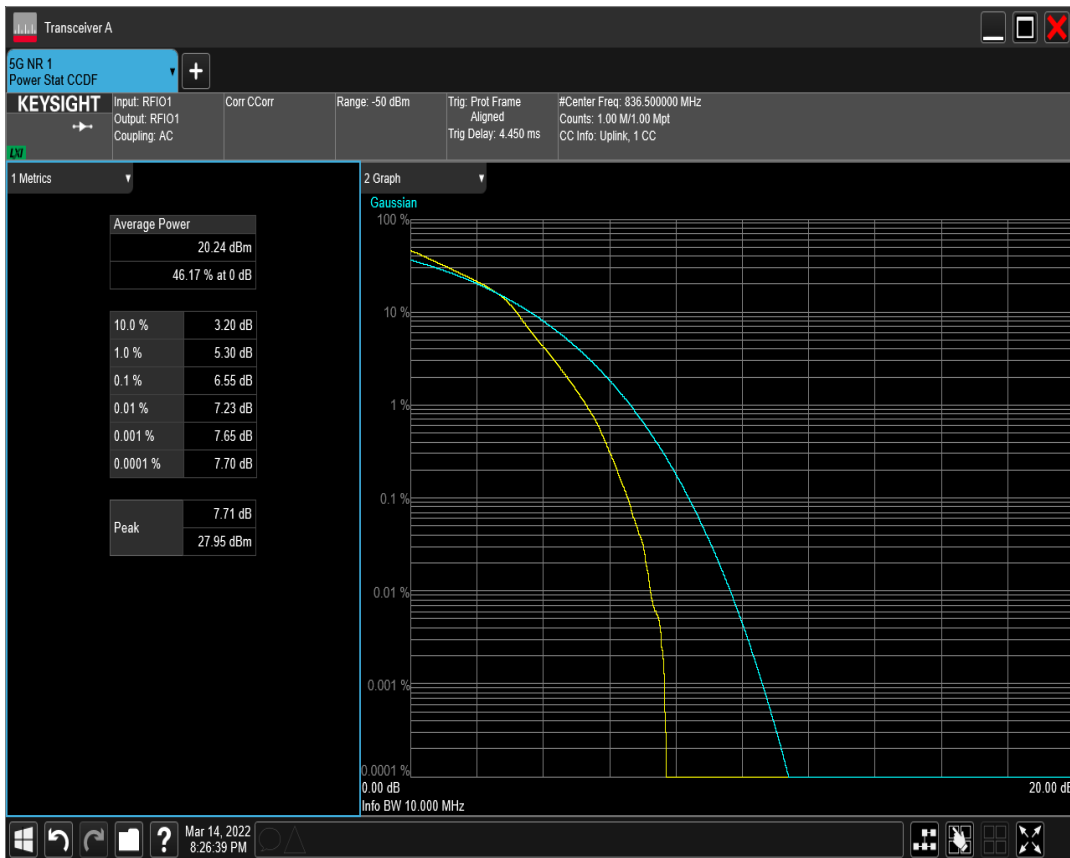
n5 SCS=30kHz DFT_BPSK BW=10MHz Channel=167300 RB=24@0



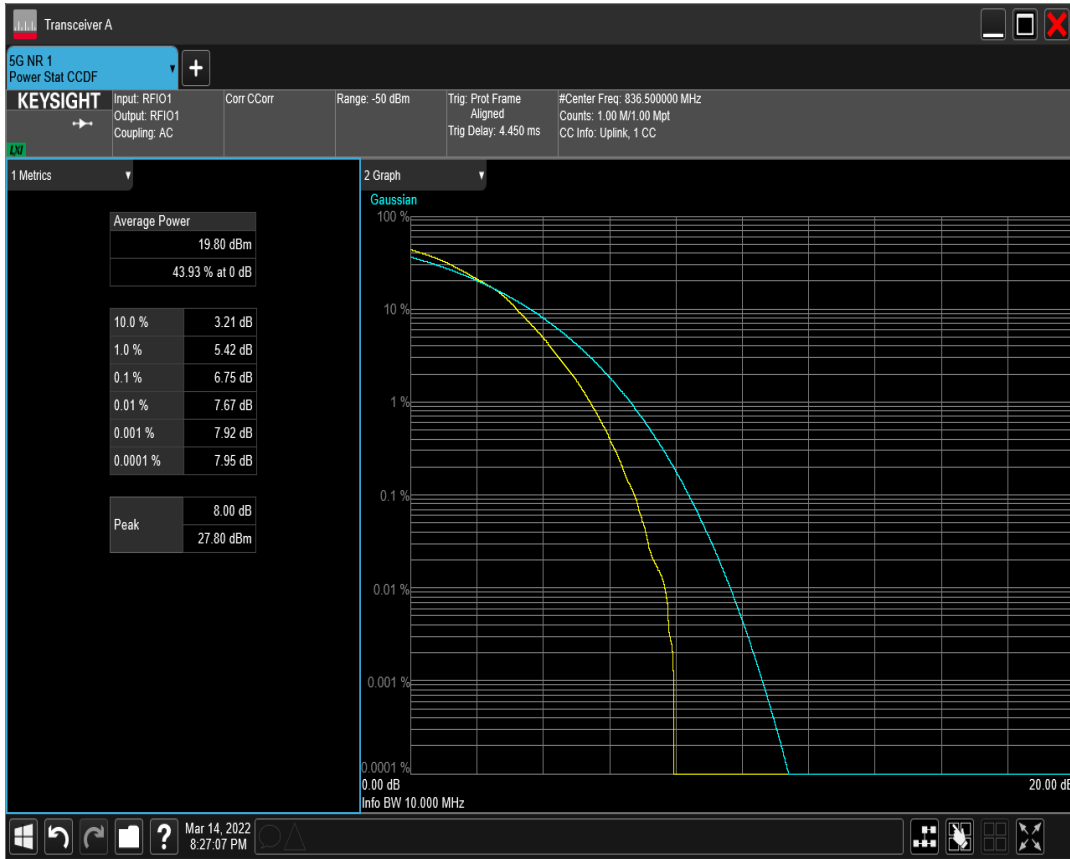
n5 SCS=30kHz DFT_QPSK BW=10MHz Channel=167300 RB=24@0



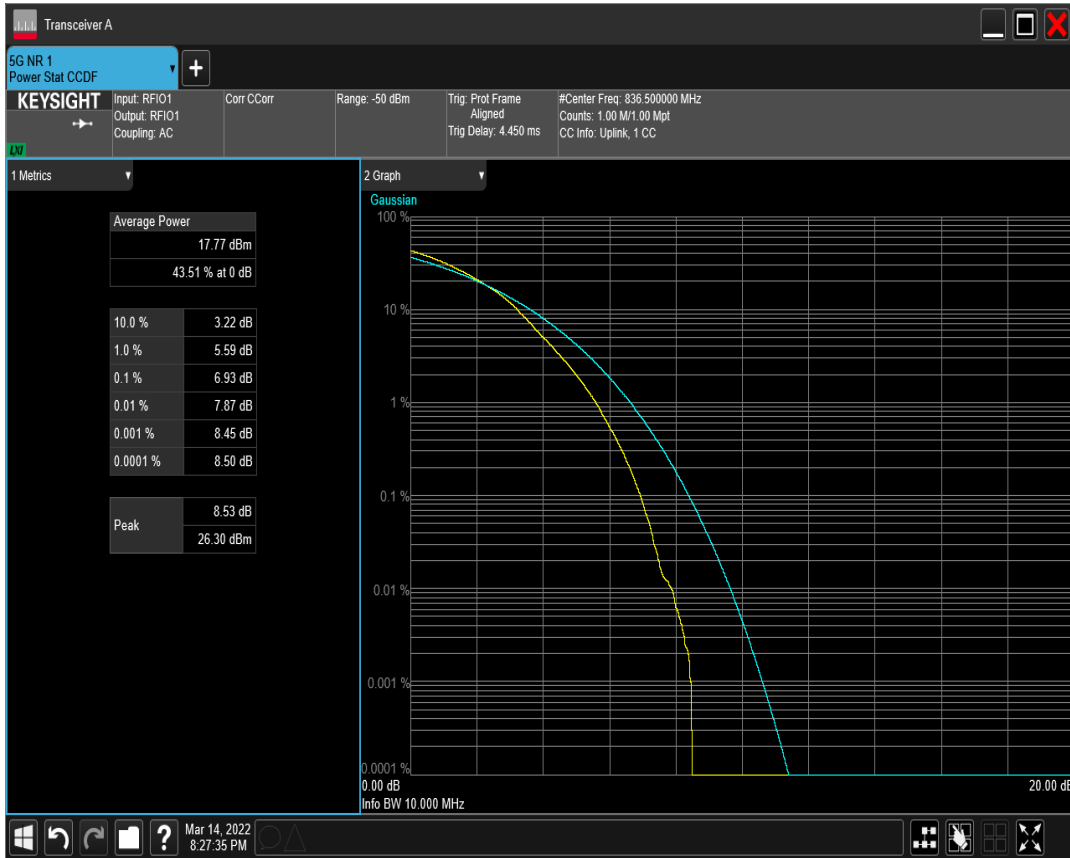
n5 SCS=30kHz DFT_QAM16 BW=10MHz Channel=167300 RB=24@0



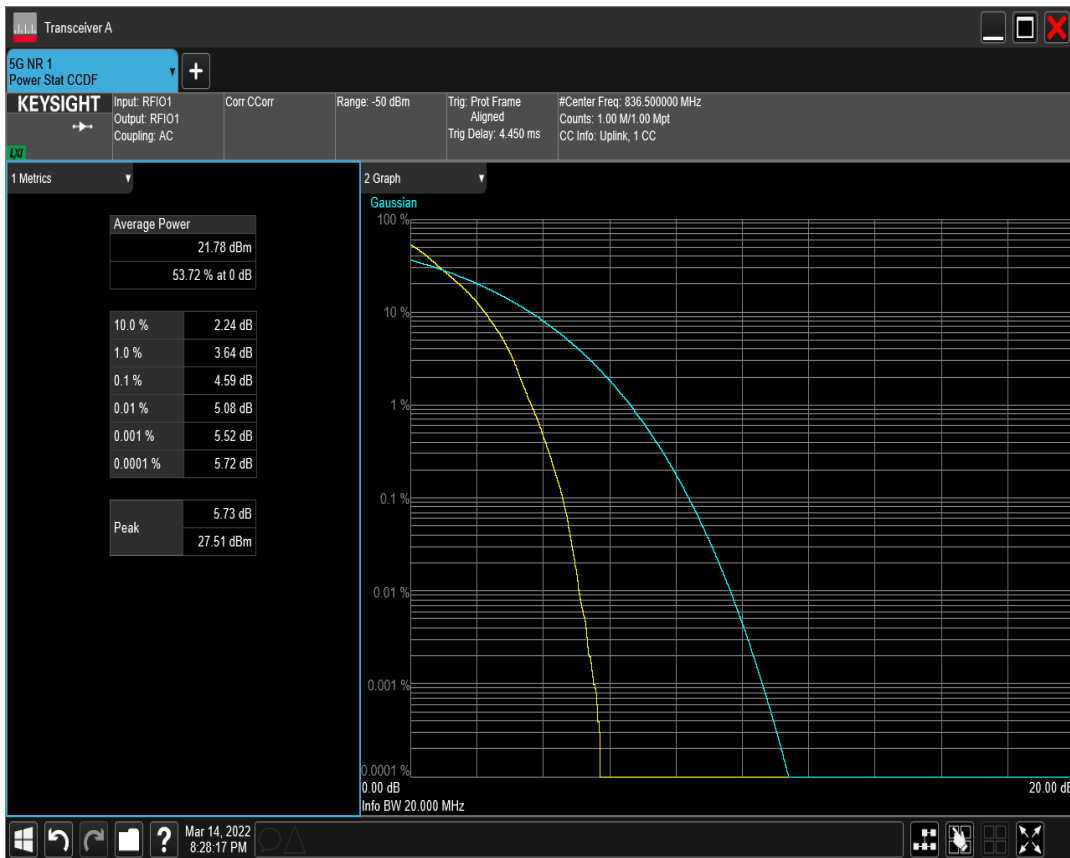
n5 SCS=30kHz DFT_QAM64 BW=10MHz Channel=167300 RB=24@0



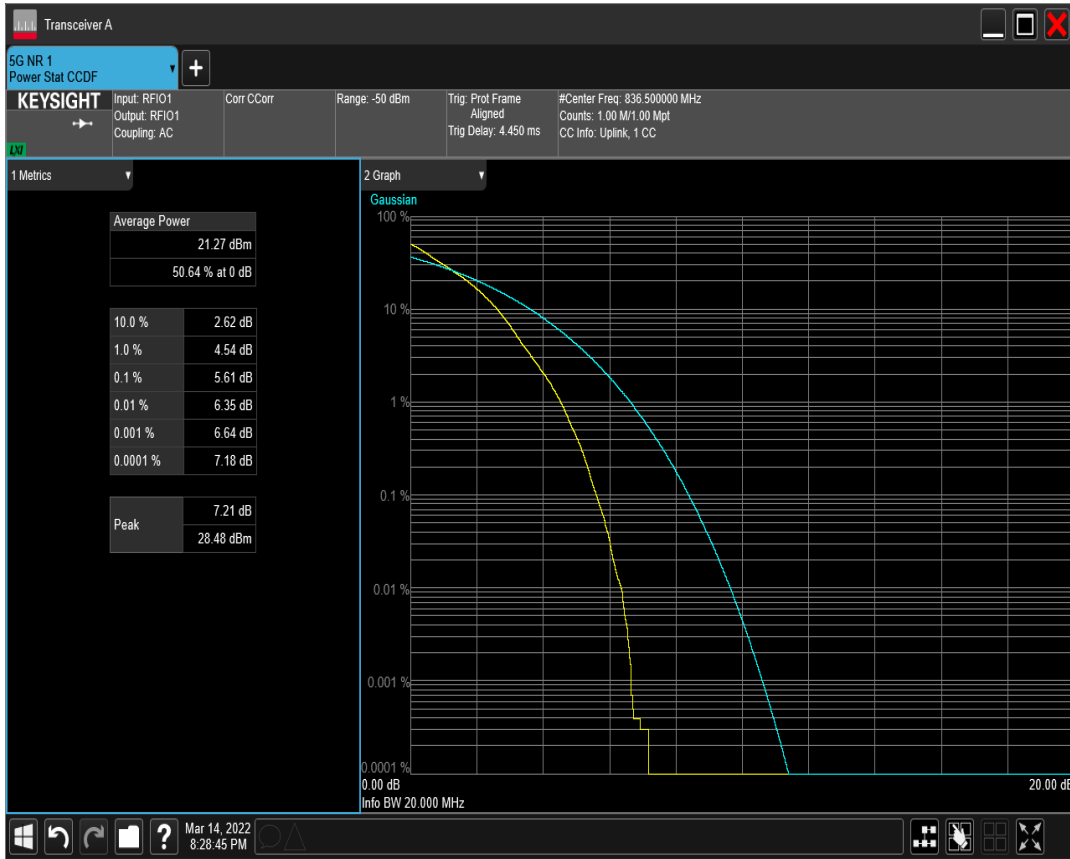
n5 SCS=30kHz DFT_QAM256 BW=10MHz Channel=167300 RB=24@0



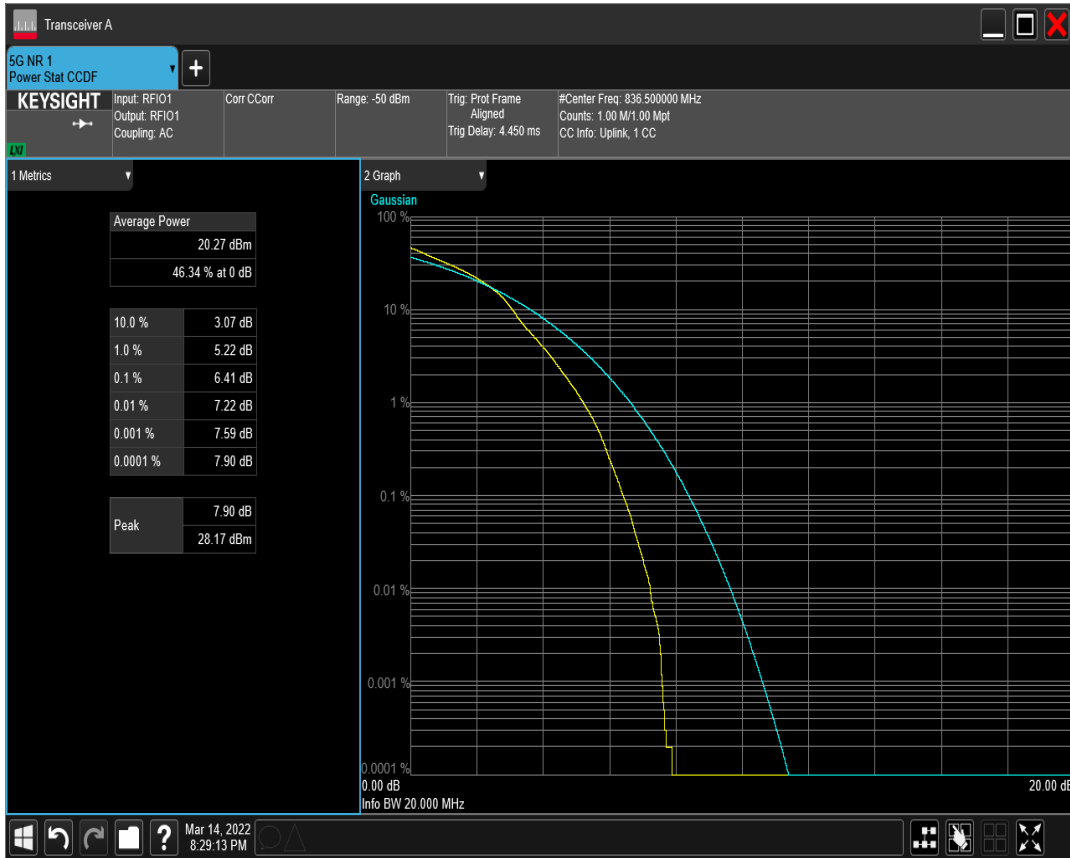
n5 SCS=30kHz DFT_BPSK BW=15MHz Channel=167300 RB=36@0



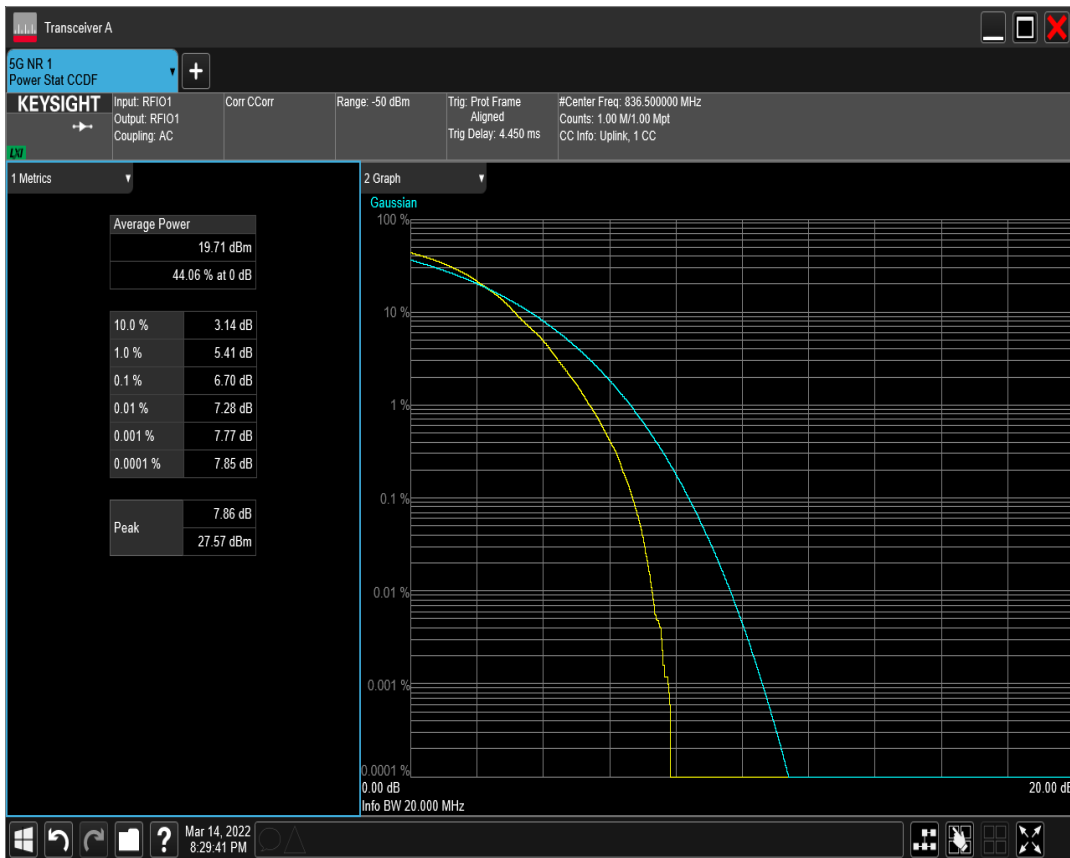
n5 SCS=30kHz DFT_QPSK BW=15MHz Channel=167300 RB=36@0



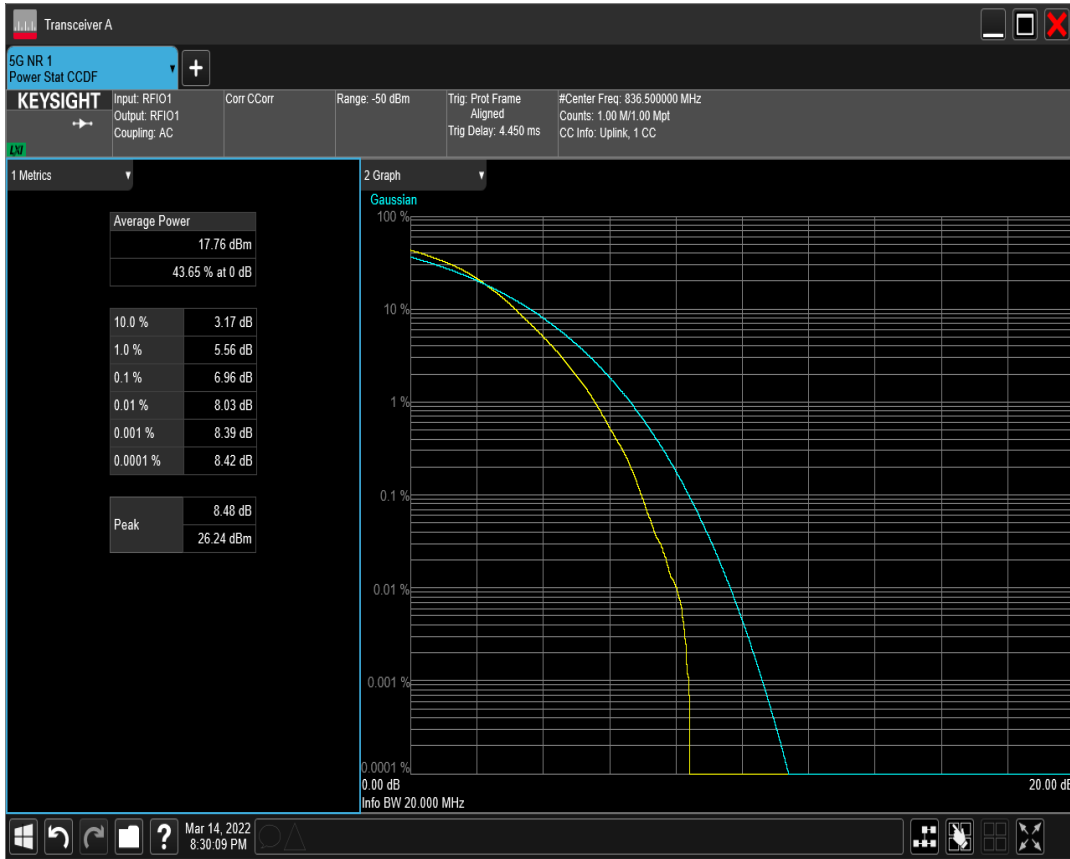
n5 SCS=30kHz DFT_QAM16 BW=15MHz Channel=167300 RB=36@0



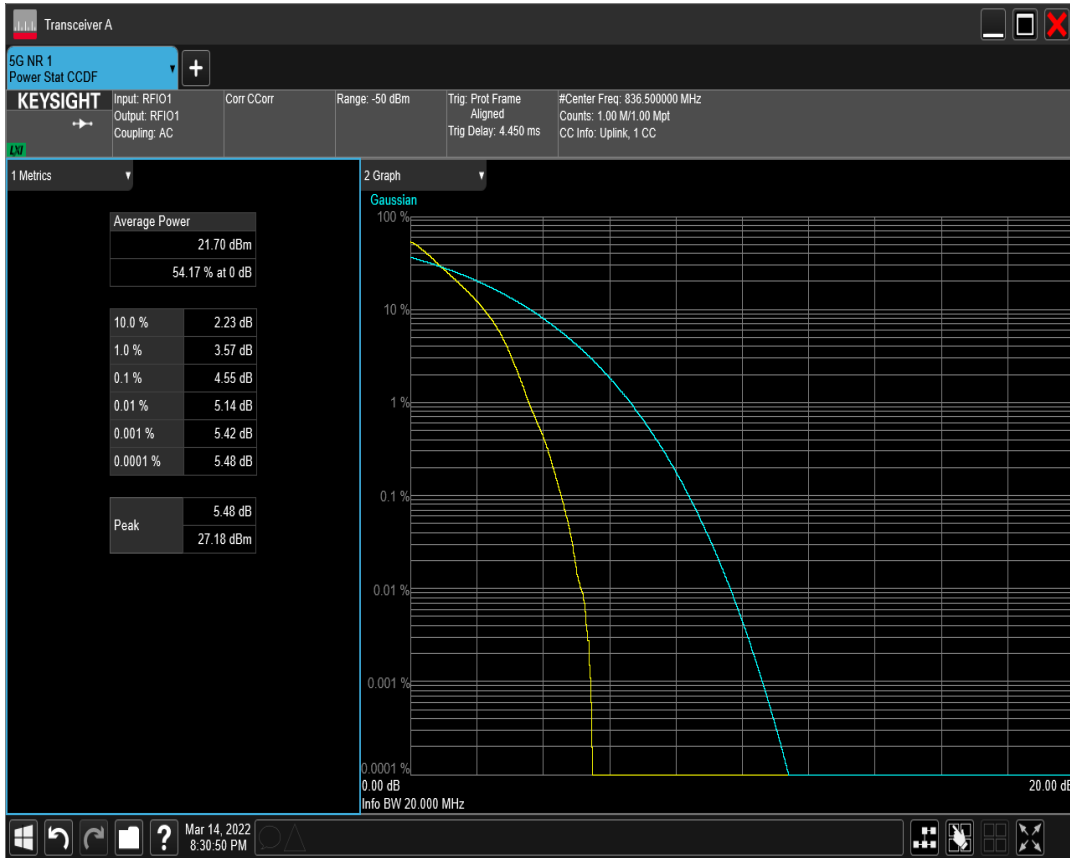
n5 SCS=30kHz DFT_QAM64 BW=15MHz Channel=167300 RB=36@0



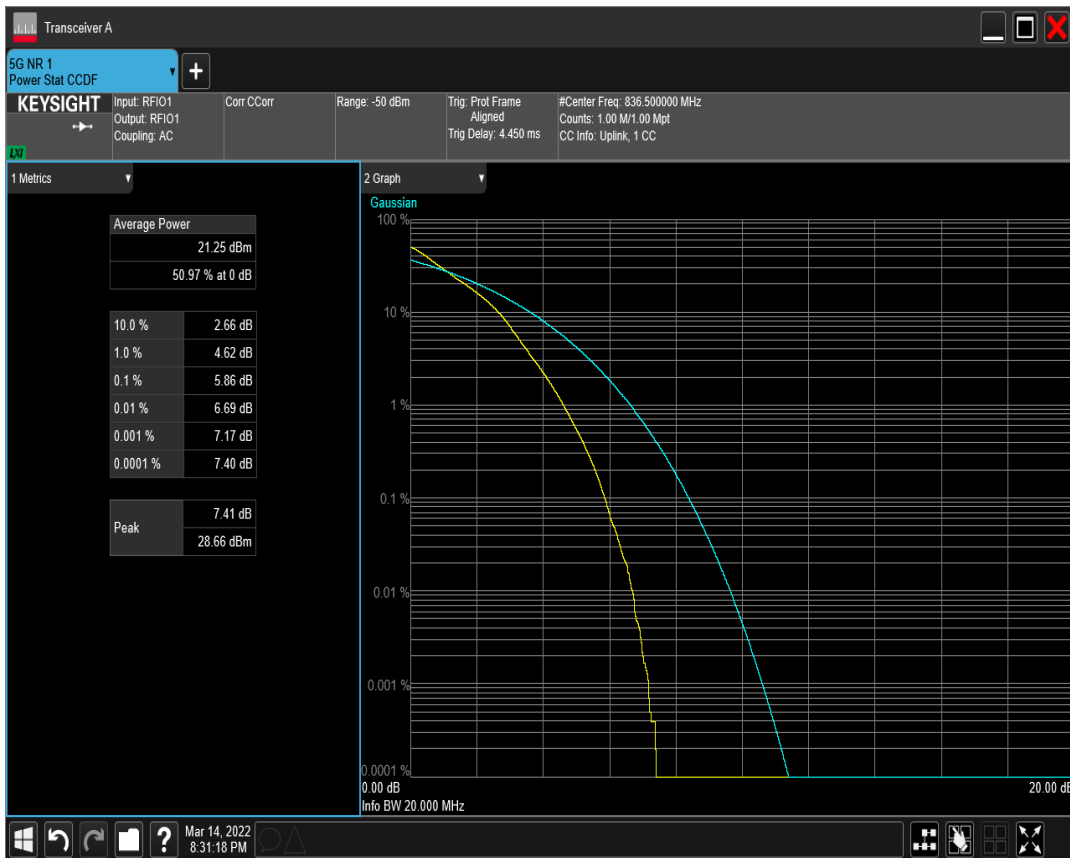
n5 SCS=30kHz DFT_QAM256 BW=15MHz Channel=167300 RB=36@0



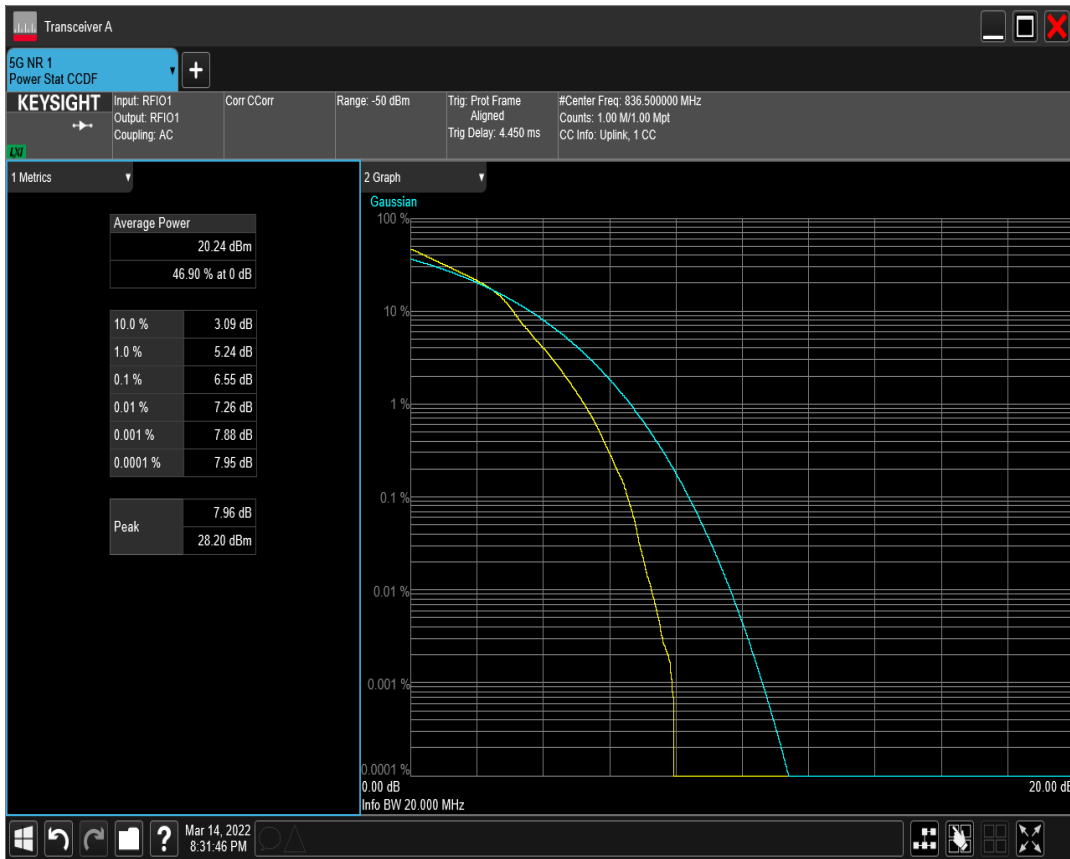
n5 SCS=30kHz DFT_BPSK BW=20MHz Channel=167300 RB=50@0



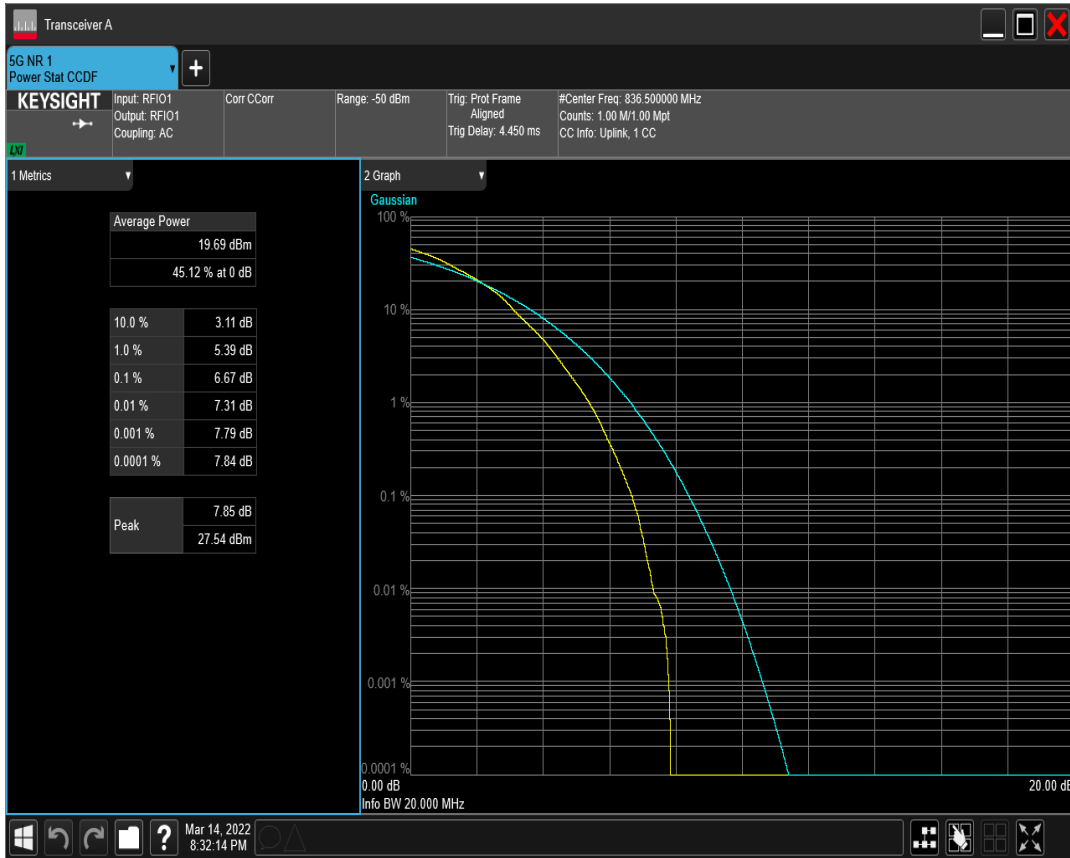
n5 SCS=30kHz DFT_QPSK BW=20MHz Channel=167300 RB=50@0



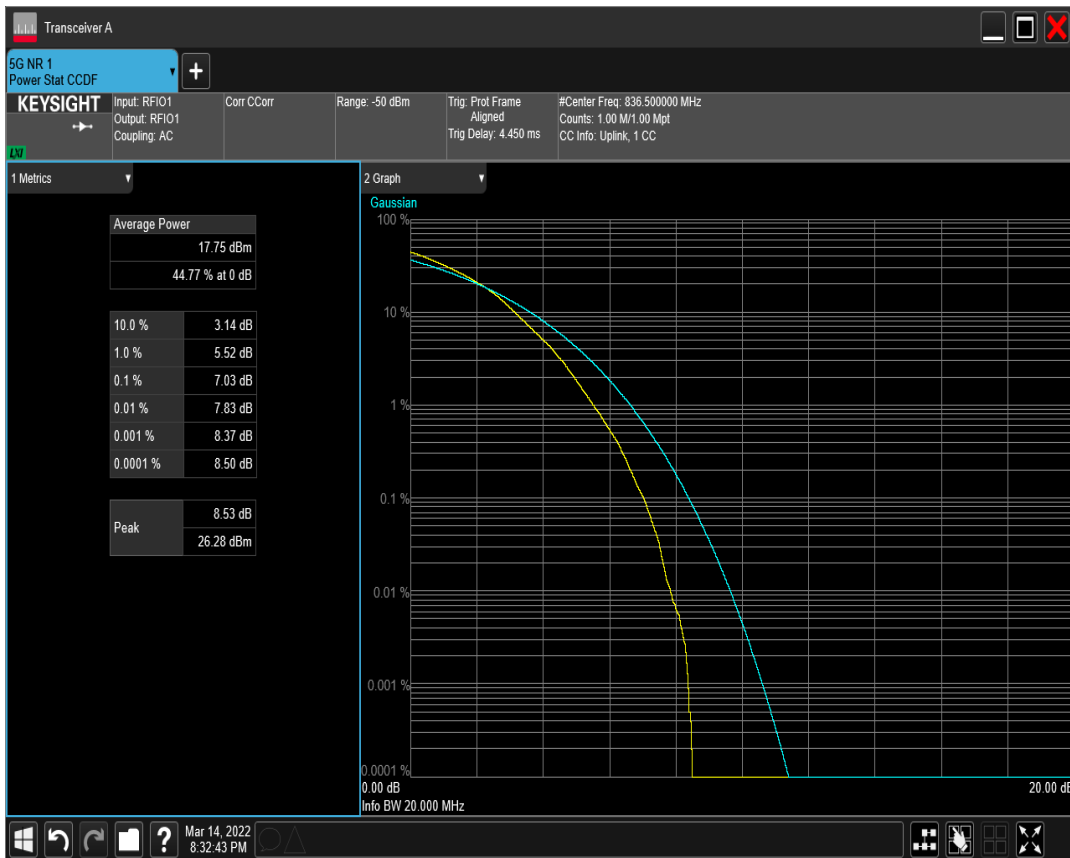
n5 SCS=30kHz DFT_QAM16 BW=20MHz Channel=167300 RB=50@0



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



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

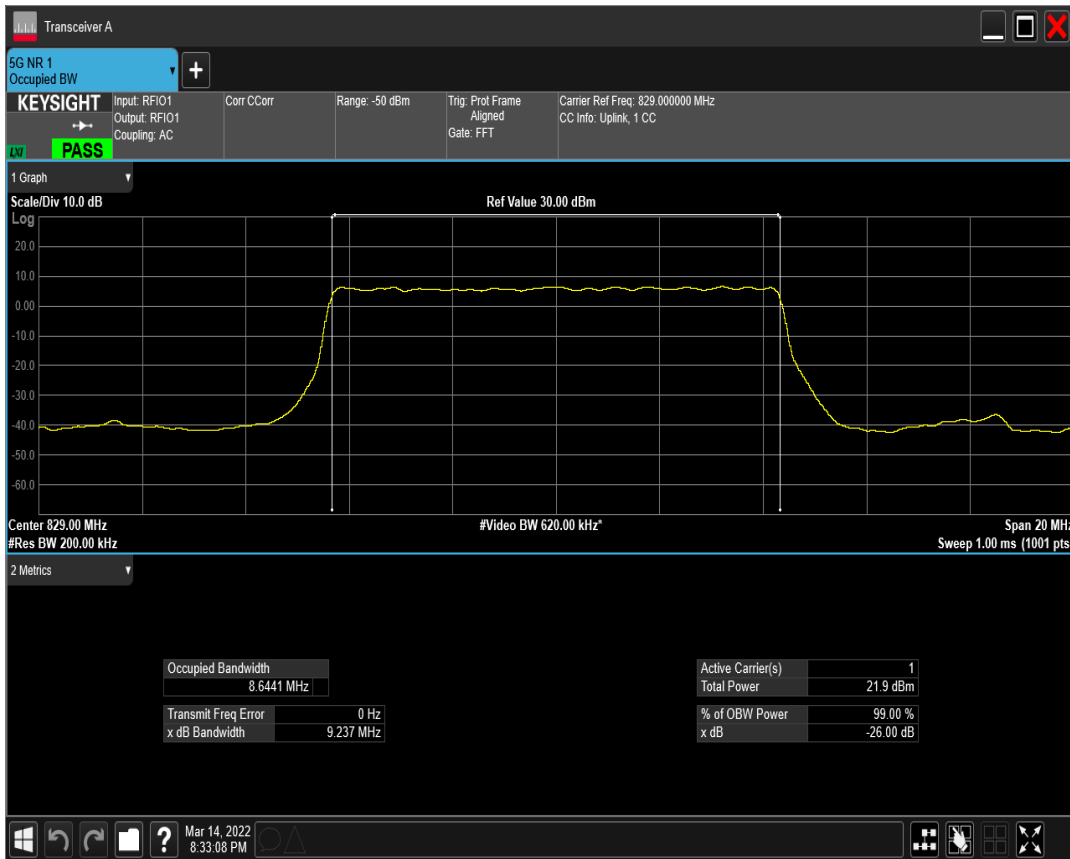


4 Occupied bandwidth for NR FR1

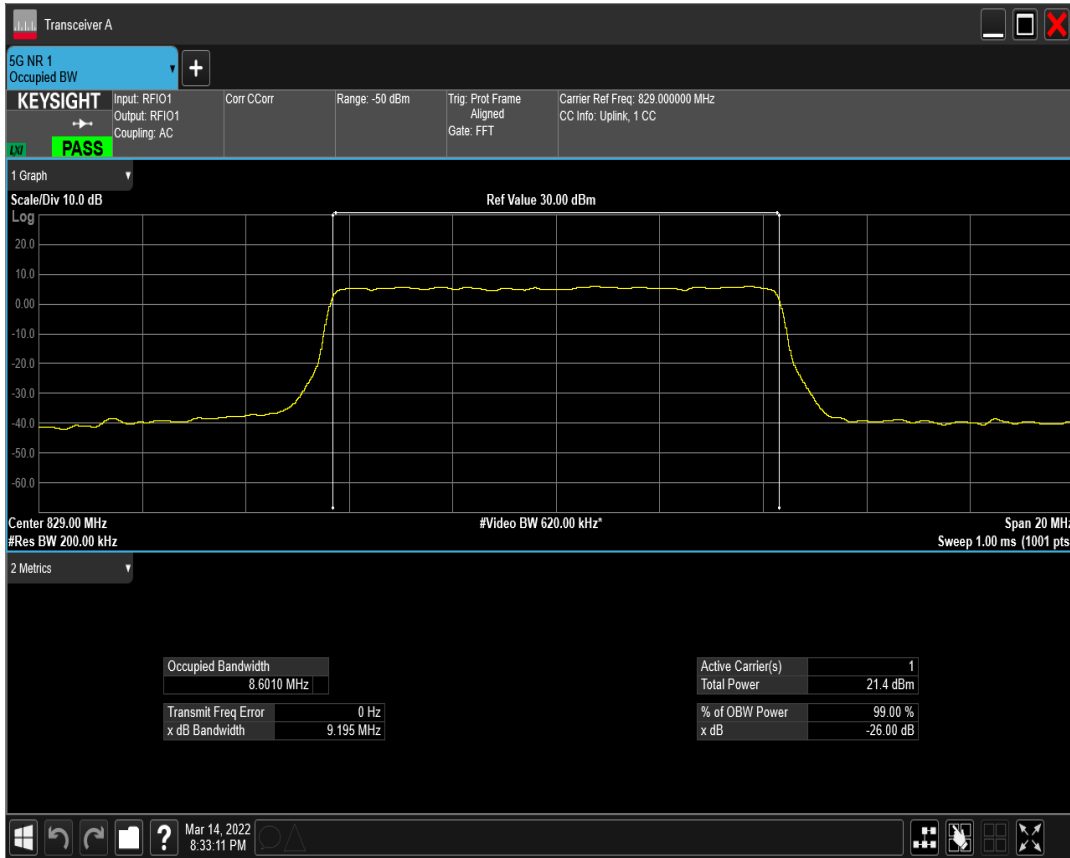
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n5	30	10	165800	24@0	DFT_BPSK	8.640	9.240	PASS
n5	30	10	165800	24@0	DFT_QPSK	8.600	9.190	PASS
n5	30	10	165800	24@0	DFT_QAM16	8.610	9.170	PASS
n5	30	10	165800	24@0	DFT_QAM64	8.650	9.170	PASS
n5	30	10	165800	24@0	DFT_QAM256	8.620	9.180	PASS
n5	30	10	165800	24@0	CP_QPSK	8.620	9.250	PASS
n5	30	10	167300	24@0	DFT_BPSK	8.610	9.180	PASS
n5	30	10	167300	24@0	DFT_QPSK	8.610	9.160	PASS
n5	30	10	167300	24@0	DFT_QAM16	8.610	9.190	PASS
n5	30	10	167300	24@0	DFT_QAM64	8.640	9.200	PASS
n5	30	10	167300	24@0	DFT_QAM256	8.640	9.210	PASS
n5	30	10	167300	24@0	CP_QPSK	8.620	9.200	PASS
n5	30	10	168800	24@0	DFT_BPSK	8.620	9.190	PASS
n5	30	10	168800	24@0	DFT_QPSK	8.640	9.160	PASS
n5	30	10	168800	24@0	DFT_QAM16	8.640	9.200	PASS
n5	30	10	168800	24@0	DFT_QAM64	8.610	9.210	PASS
n5	30	10	168800	24@0	DFT_QAM256	8.620	9.180	PASS
n5	30	10	168800	24@0	CP_QPSK	8.620	9.180	PASS
n5	30	15	166300	36@0	DFT_BPSK	13.460	13.720	PASS
n5	30	15	166300	36@0	DFT_QPSK	13.510	13.740	PASS
n5	30	15	166300	36@0	DFT_QAM16	13.460	13.750	PASS
n5	30	15	166300	36@0	DFT_QAM64	13.520	13.720	PASS
n5	30	15	166300	36@0	DFT_QAM256	13.470	13.780	PASS
n5	30	15	166300	38@0	CP_QPSK	13.630	14.400	PASS
n5	30	15	167300	36@0	DFT_BPSK	13.470	13.700	PASS
n5	30	15	167300	36@0	DFT_QPSK	13.510	13.690	PASS
n5	30	15	167300	36@0	DFT_QAM16	13.460	13.740	PASS
n5	30	15	167300	36@0	DFT_QAM64	13.510	13.720	PASS
n5	30	15	167300	36@0	DFT_QAM256	13.500	13.760	PASS
n5	30	15	167300	38@0	CP_QPSK	13.630	14.400	PASS
n5	30	15	168300	36@0	DFT_BPSK	13.470	13.730	PASS
n5	30	15	168300	36@0	DFT_QPSK	13.530	13.730	PASS
n5	30	15	168300	36@0	DFT_QAM16	13.510	13.730	PASS
n5	30	15	168300	36@0	DFT_QAM64	13.560	13.720	PASS
n5	30	15	168300	36@0	DFT_QAM256	13.570	13.700	PASS
n5	30	15	168300	38@0	CP_QPSK	13.630	14.400	PASS
n5	30	20	166800	50@0	DFT_BPSK	18.110	18.930	PASS
n5	30	20	166800	50@0	DFT_QPSK	18.040	18.900	PASS
n5	30	20	166800	50@0	DFT_QAM16	18.100	18.940	PASS

n5	30	20	166800	50@0	DFT_QAM64	18.110	18.930	PASS
n5	30	20	166800	50@0	DFT_QAM256	18.100	18.930	PASS
n5	30	20	166800	51@0	CP_QPSK	18.270	19.300	PASS
n5	30	20	167300	50@0	DFT_BPSK	18.120	18.910	PASS
n5	30	20	167300	50@0	DFT_QPSK	18.030	18.890	PASS
n5	30	20	167300	50@0	DFT_QAM16	18.110	18.900	PASS
n5	30	20	167300	50@0	DFT_QAM64	18.100	18.900	PASS
n5	30	20	167300	50@0	DFT_QAM256	18.030	18.910	PASS
n5	30	20	167300	51@0	CP_QPSK	18.270	19.290	PASS
n5	30	20	167800	50@0	DFT_BPSK	18.160	18.910	PASS
n5	30	20	167800	50@0	DFT_QPSK	18.090	18.910	PASS
n5	30	20	167800	50@0	DFT_QAM16	18.110	18.920	PASS
n5	30	20	167800	50@0	DFT_QAM64	18.100	18.910	PASS
n5	30	20	167800	50@0	DFT_QAM256	18.110	18.920	PASS
n5	30	20	167800	51@0	CP_QPSK	18.260	19.280	PASS

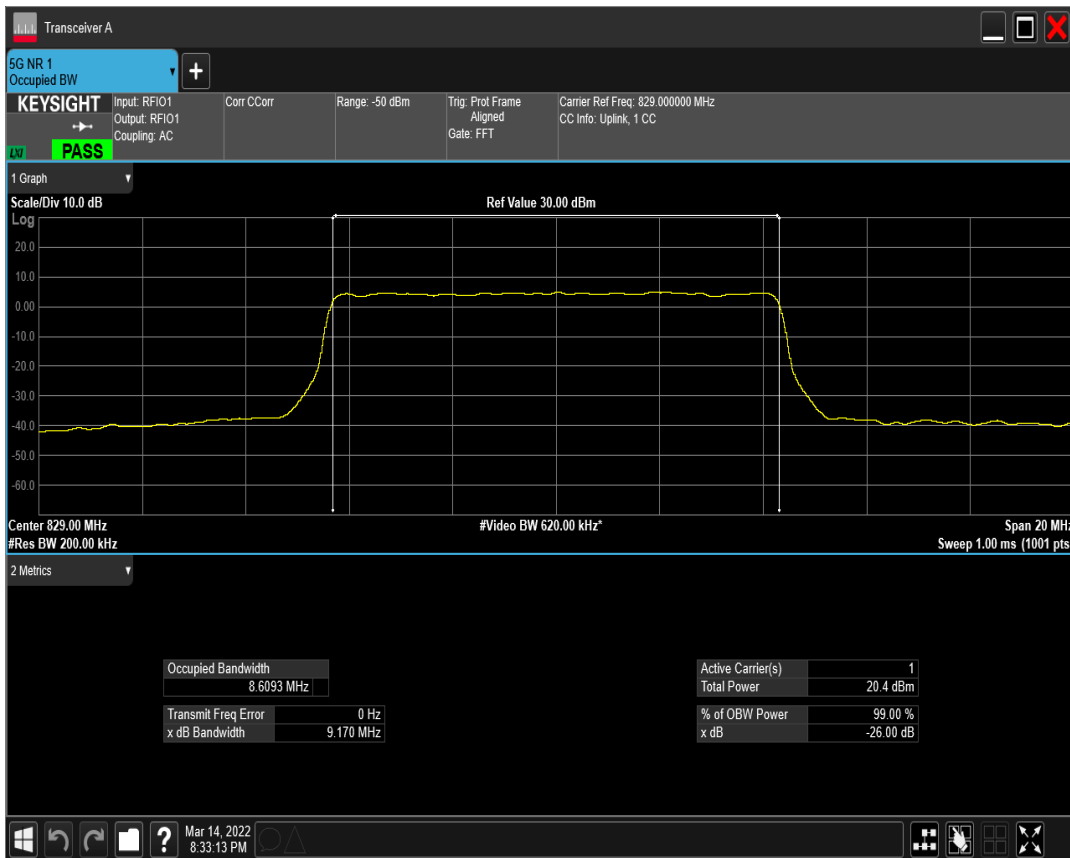
n5 SCS=30kHz DFT_BPSK BW=10MHz Channel=165800 RB=24@0



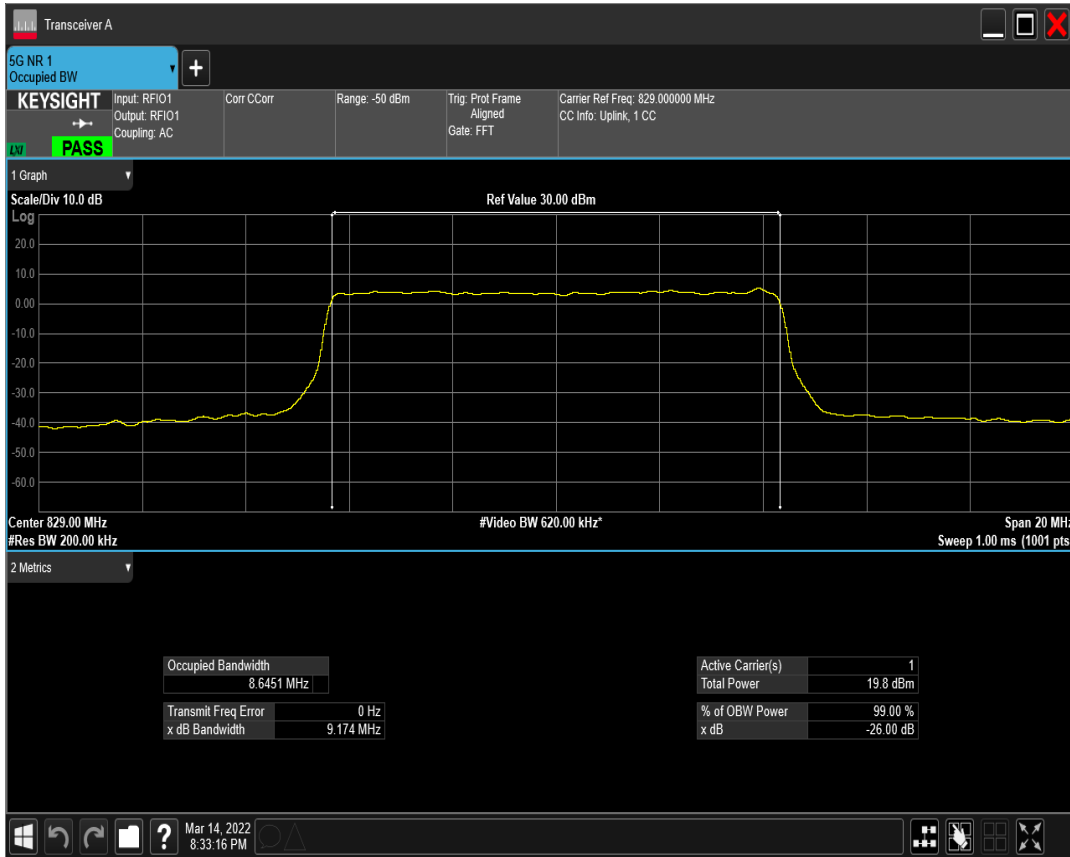
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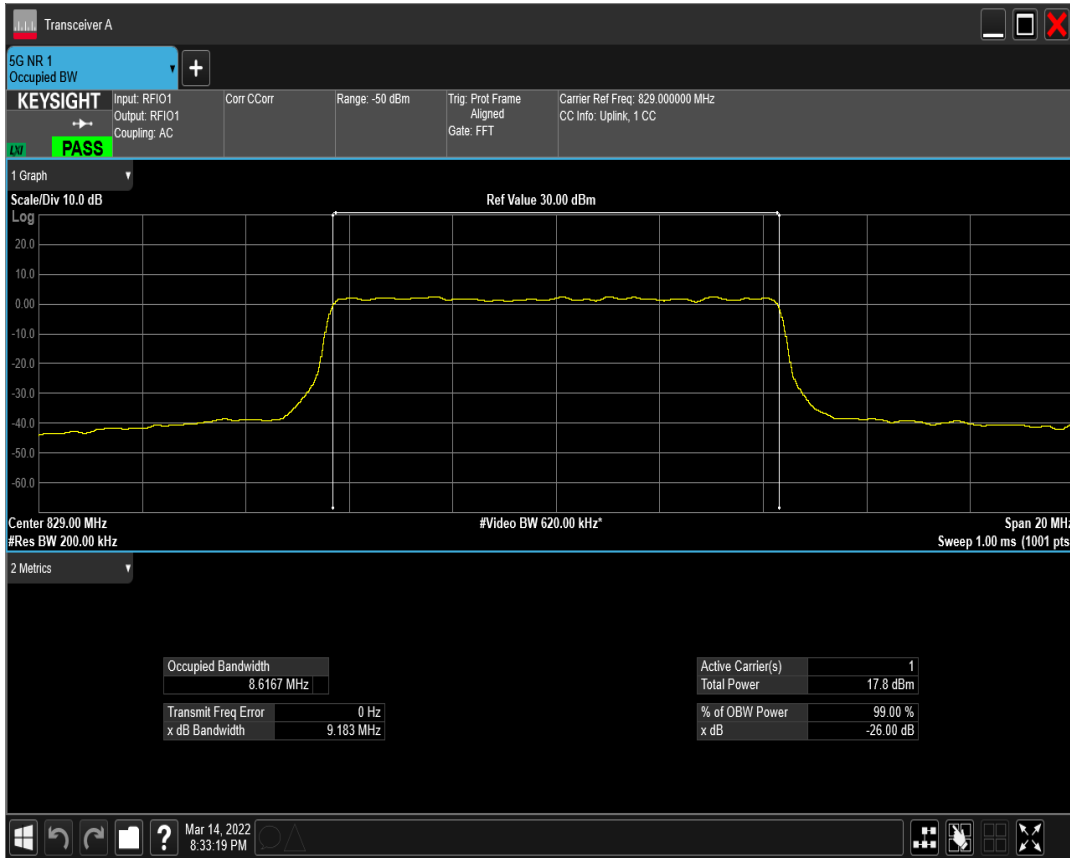
n5 SCS=30kHz DFT_QAM16 BW=10MHz Channel=165800 RB=24@0



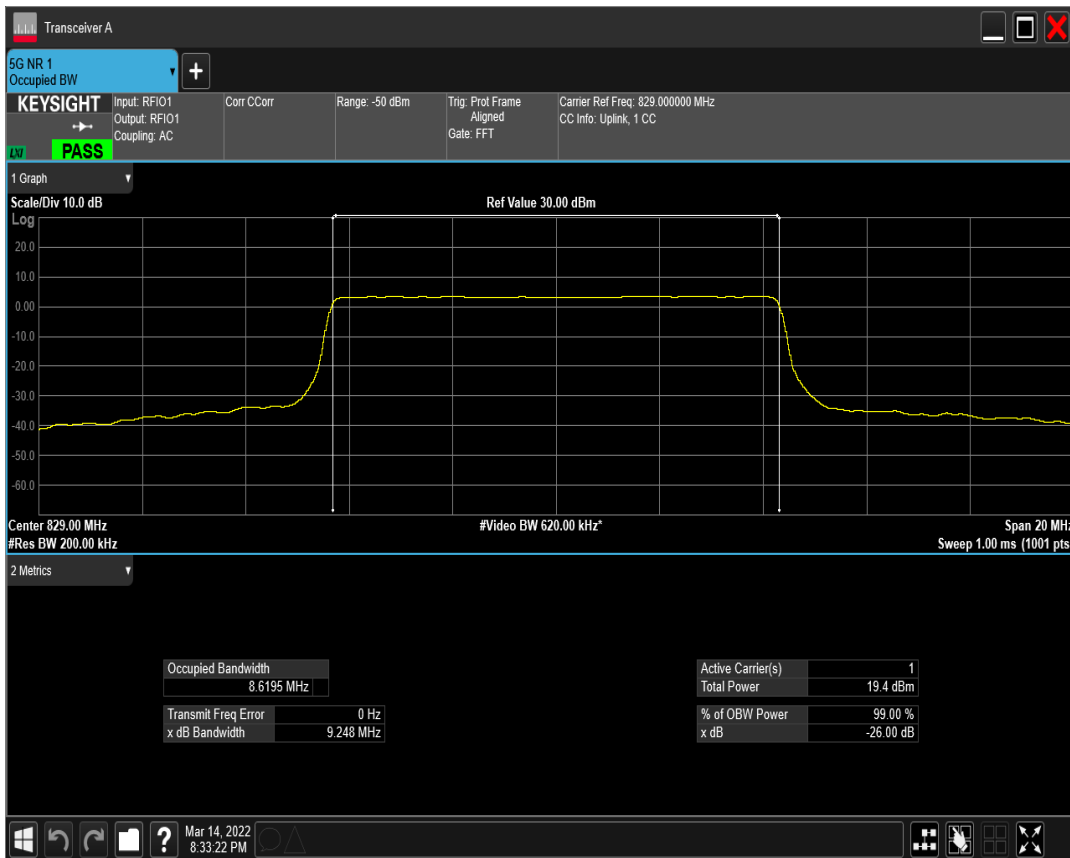
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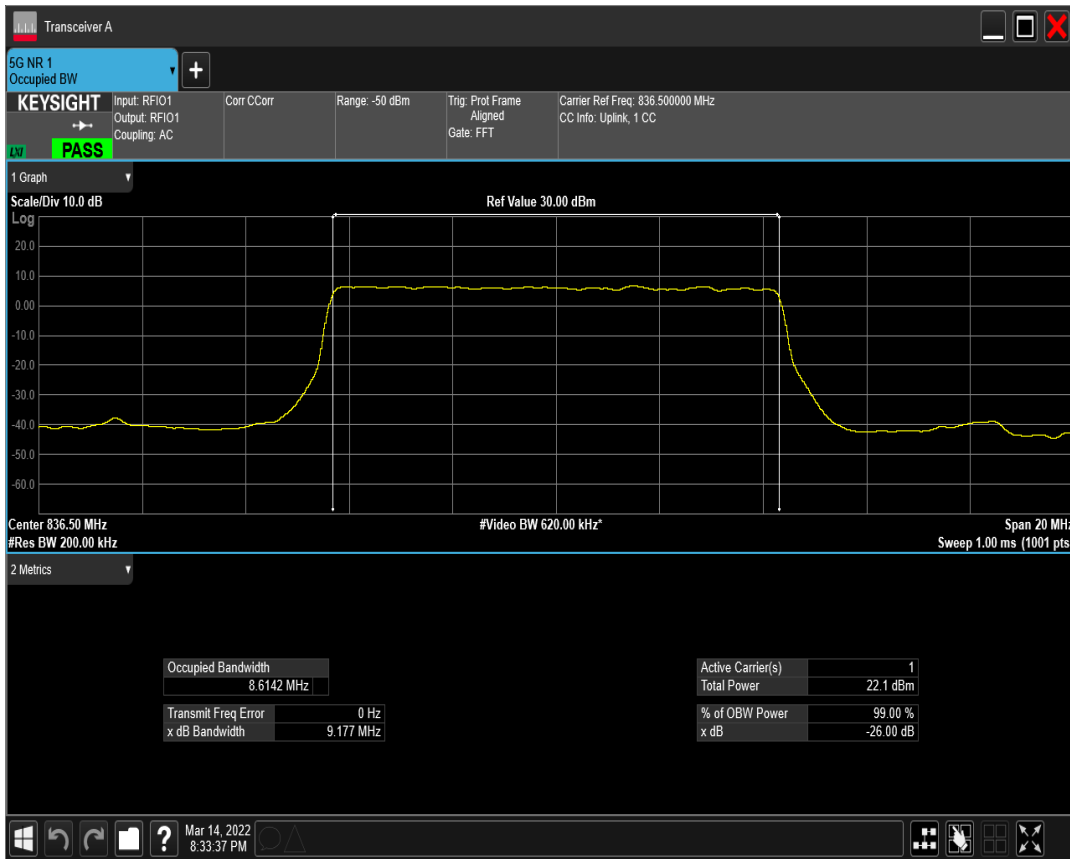
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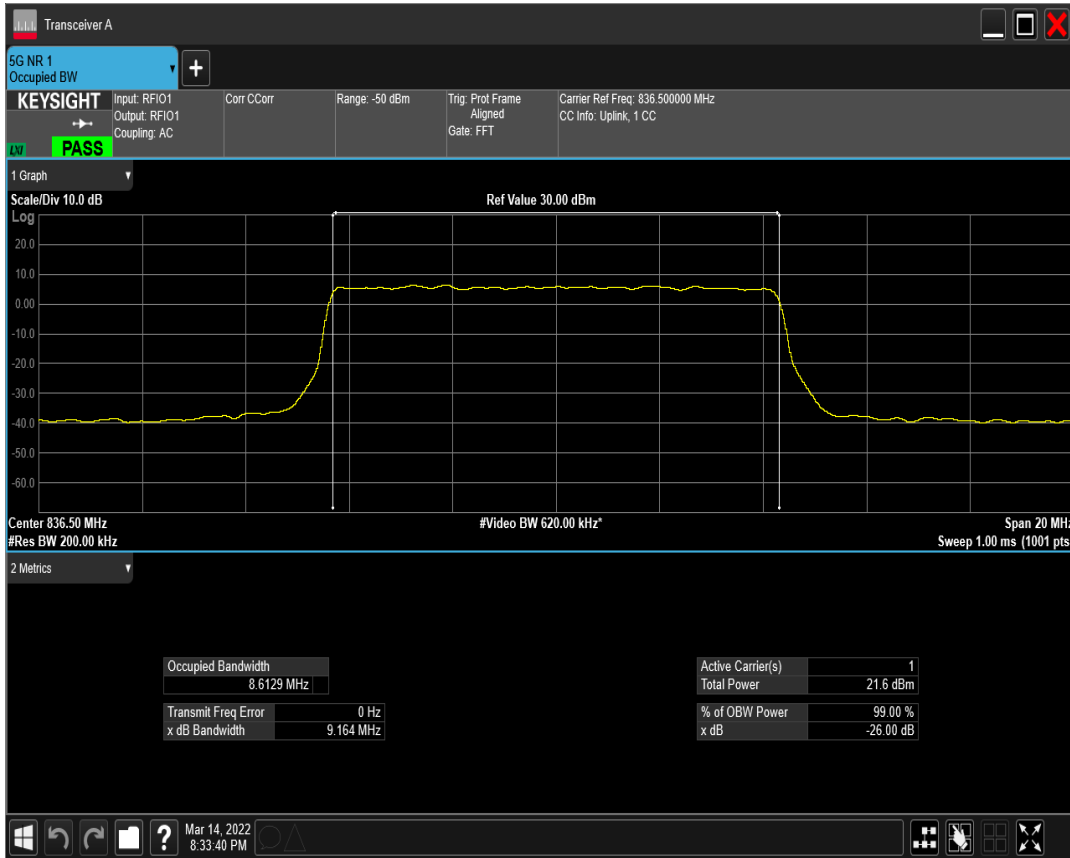
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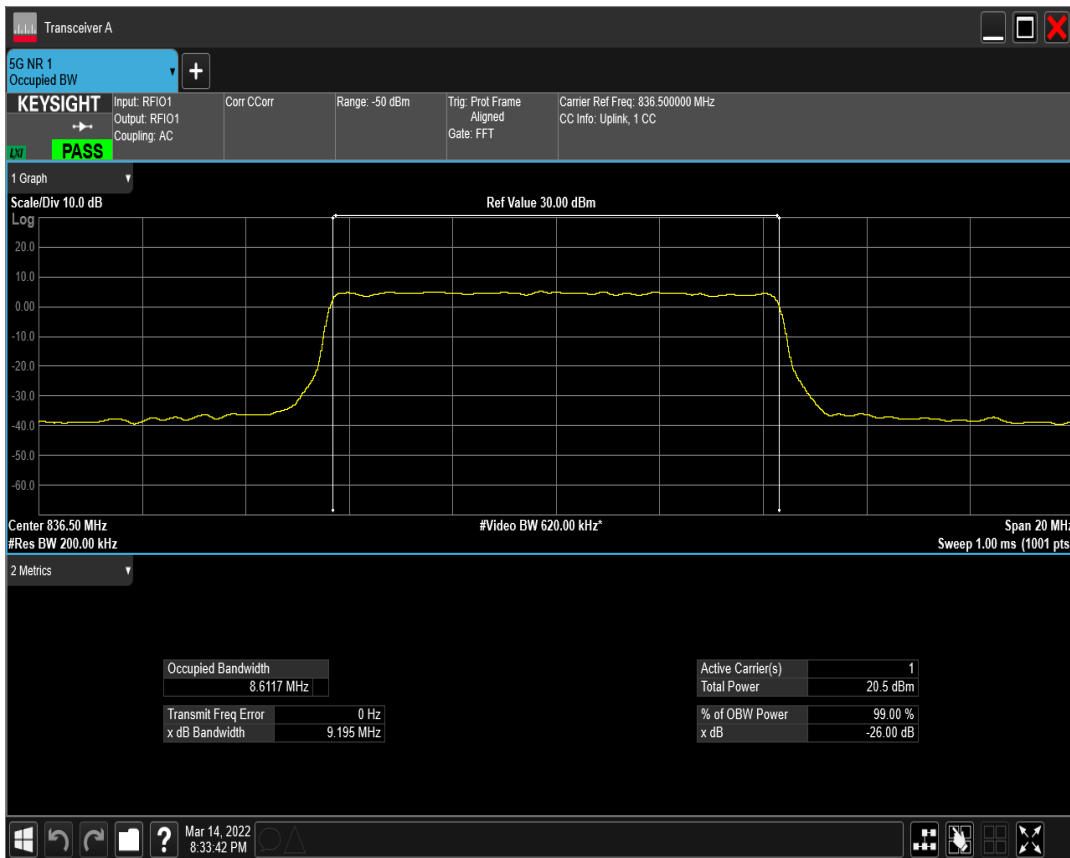
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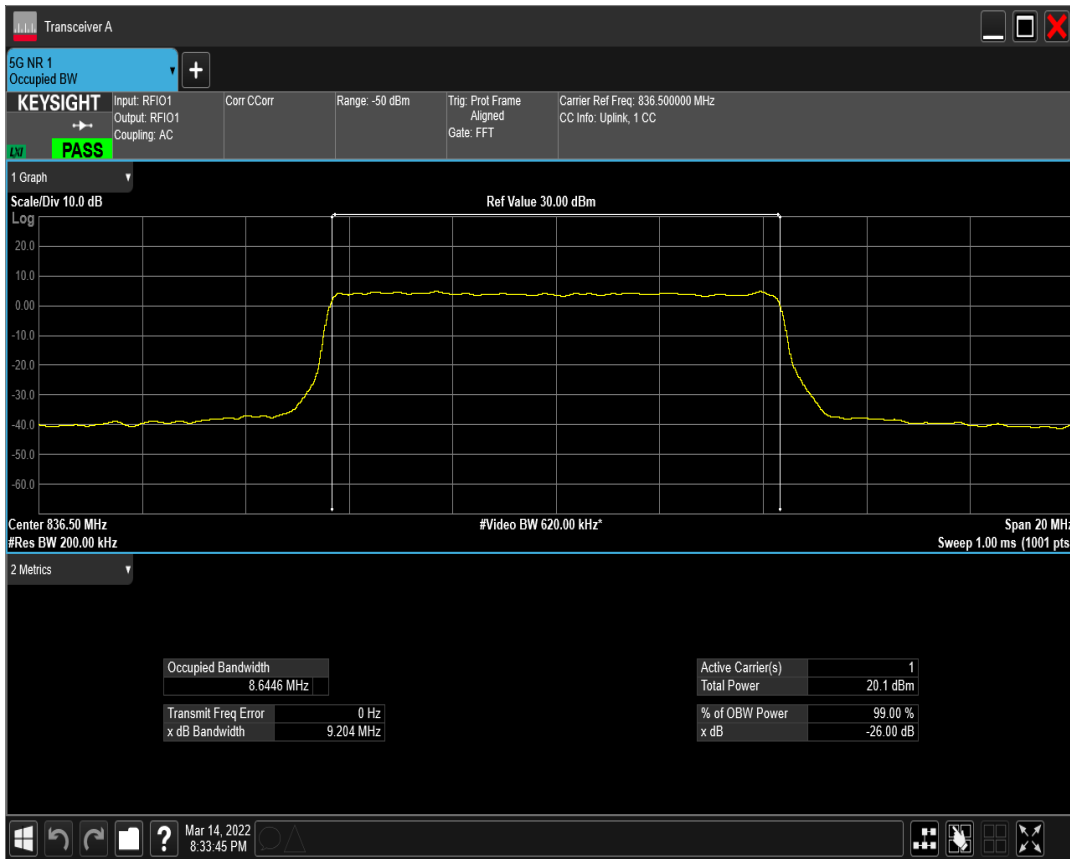
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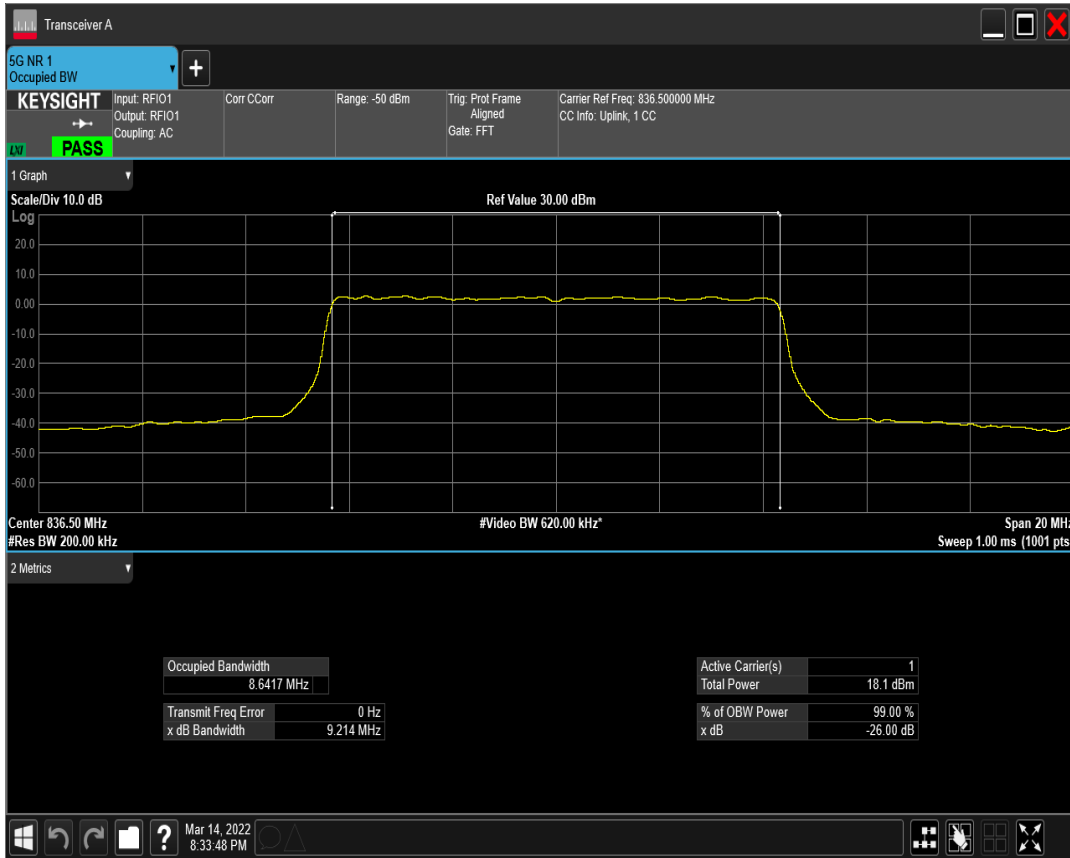
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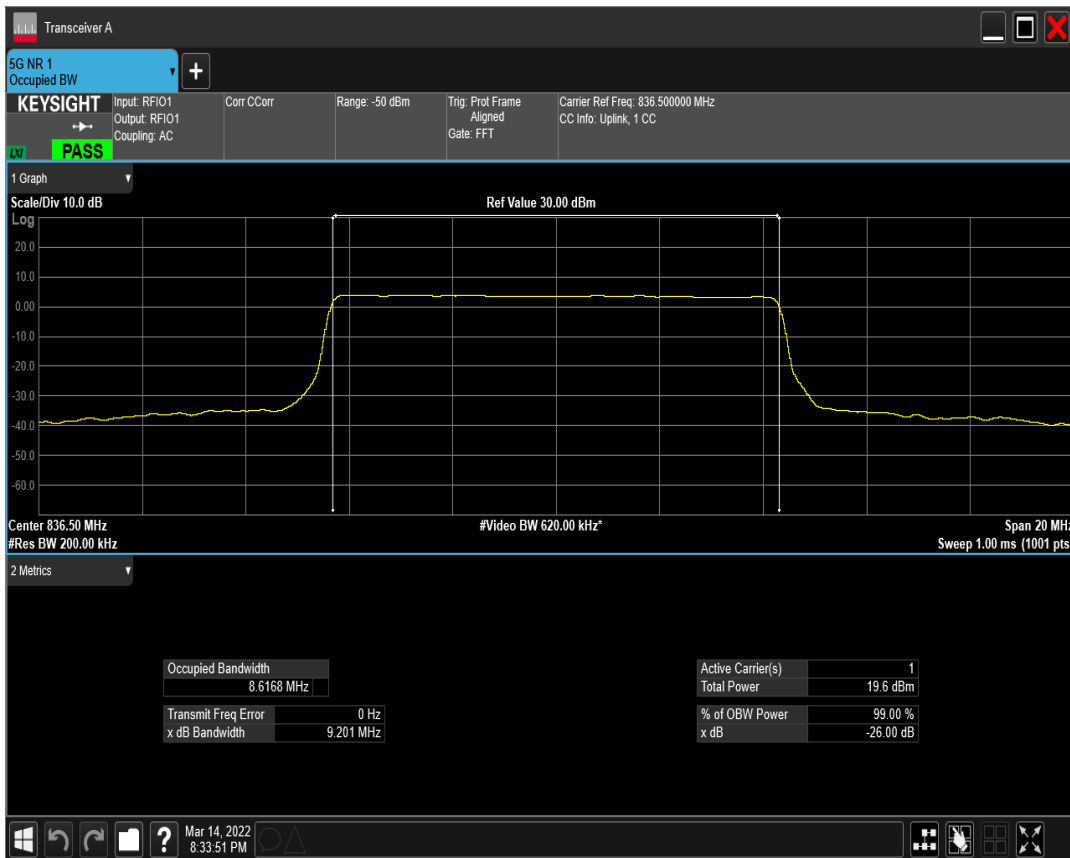
n5 SCS=30kHz DFT_QAM64 BW=10MHz Channel=167300 RB=24@0



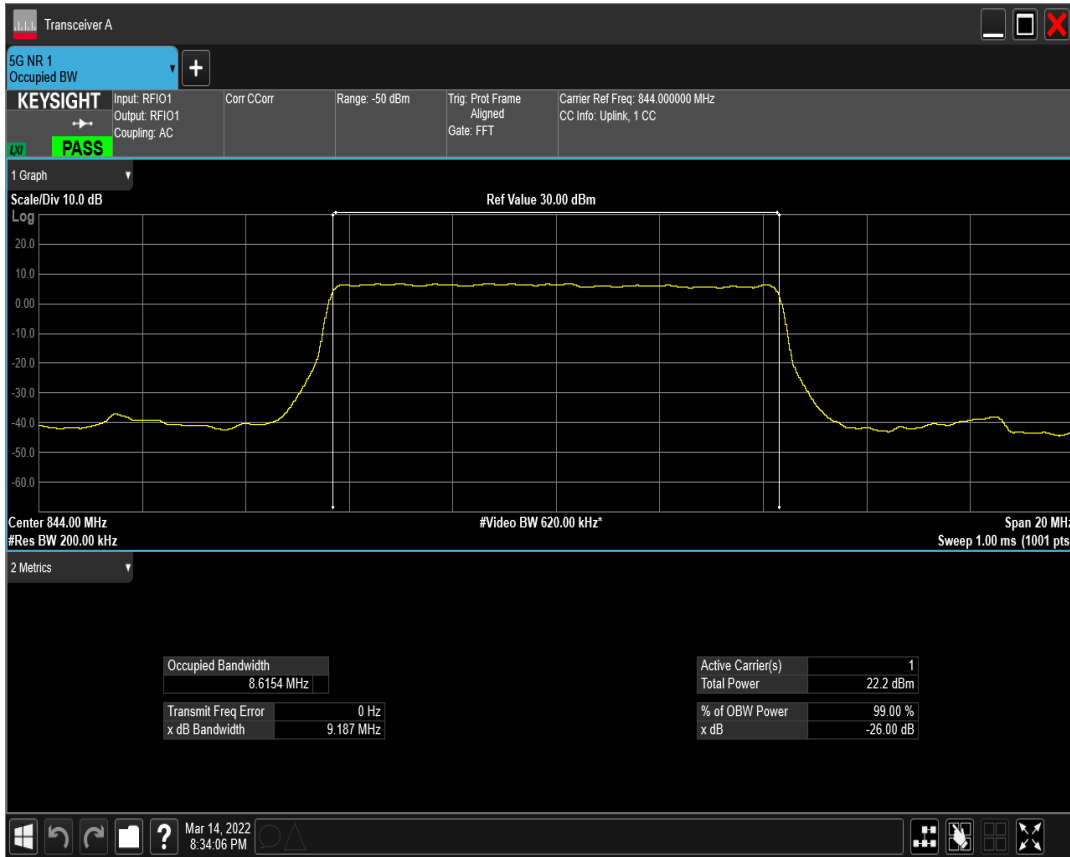
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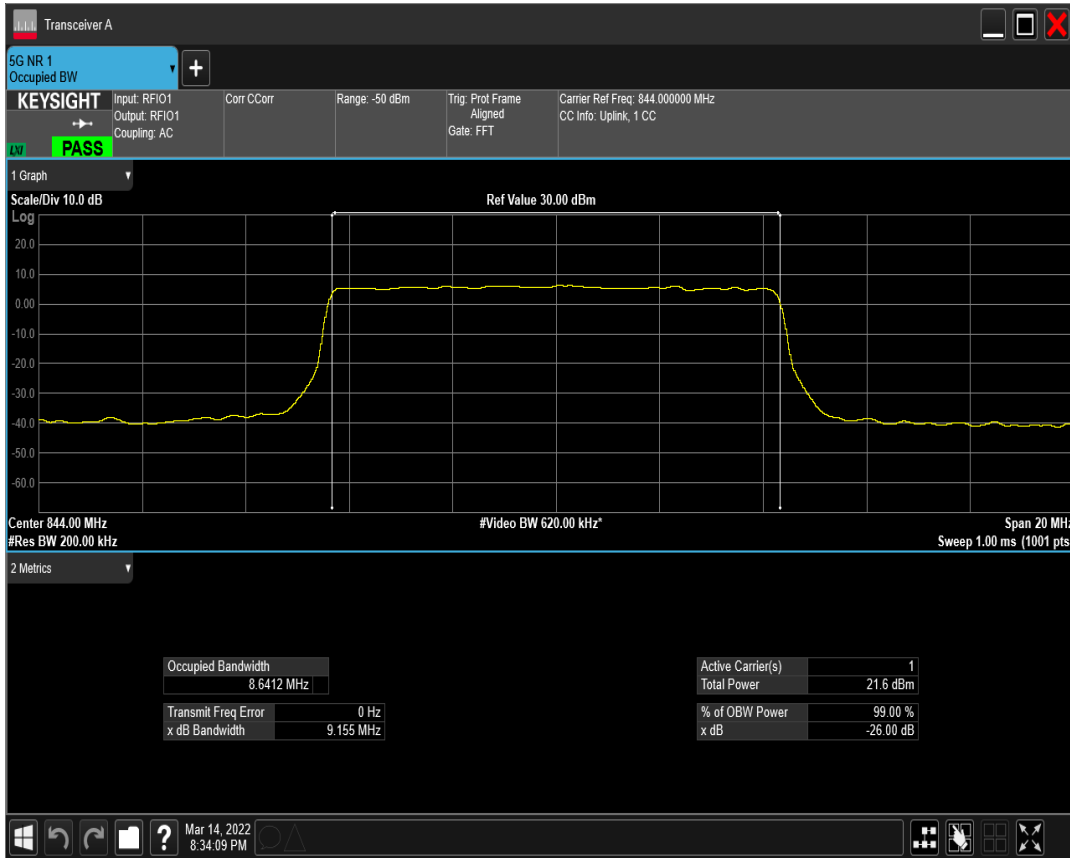
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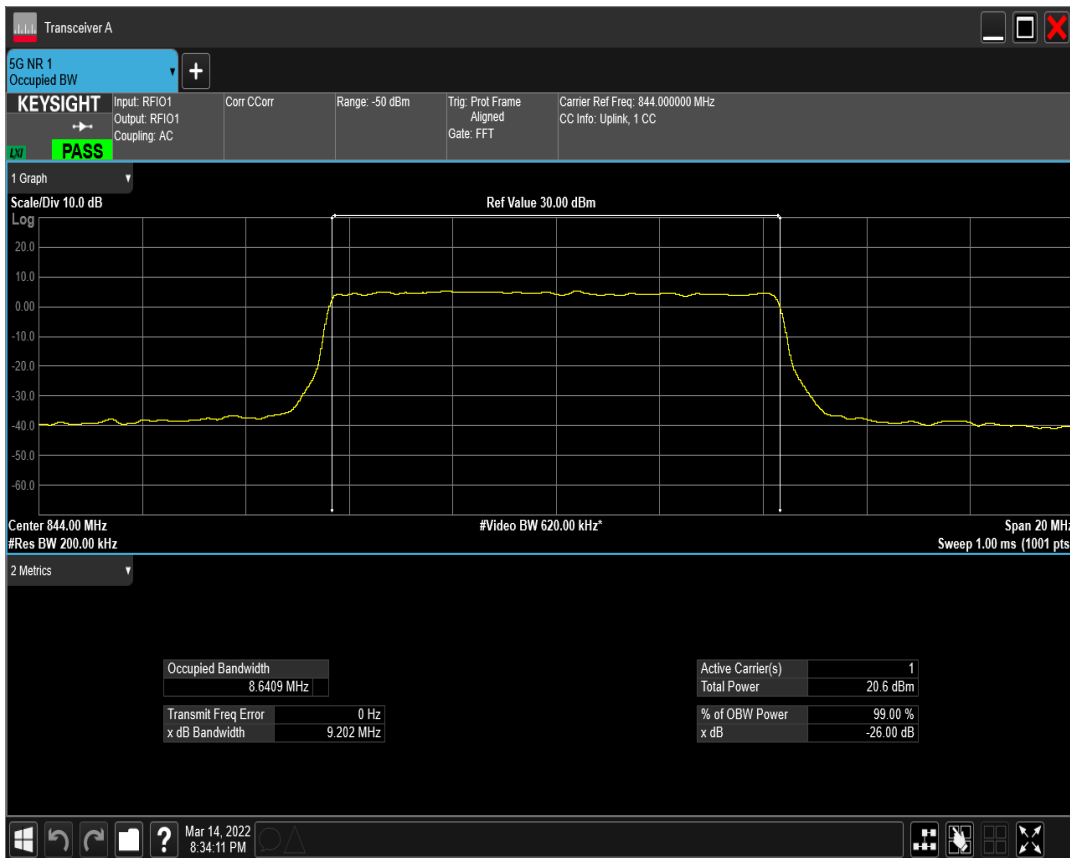
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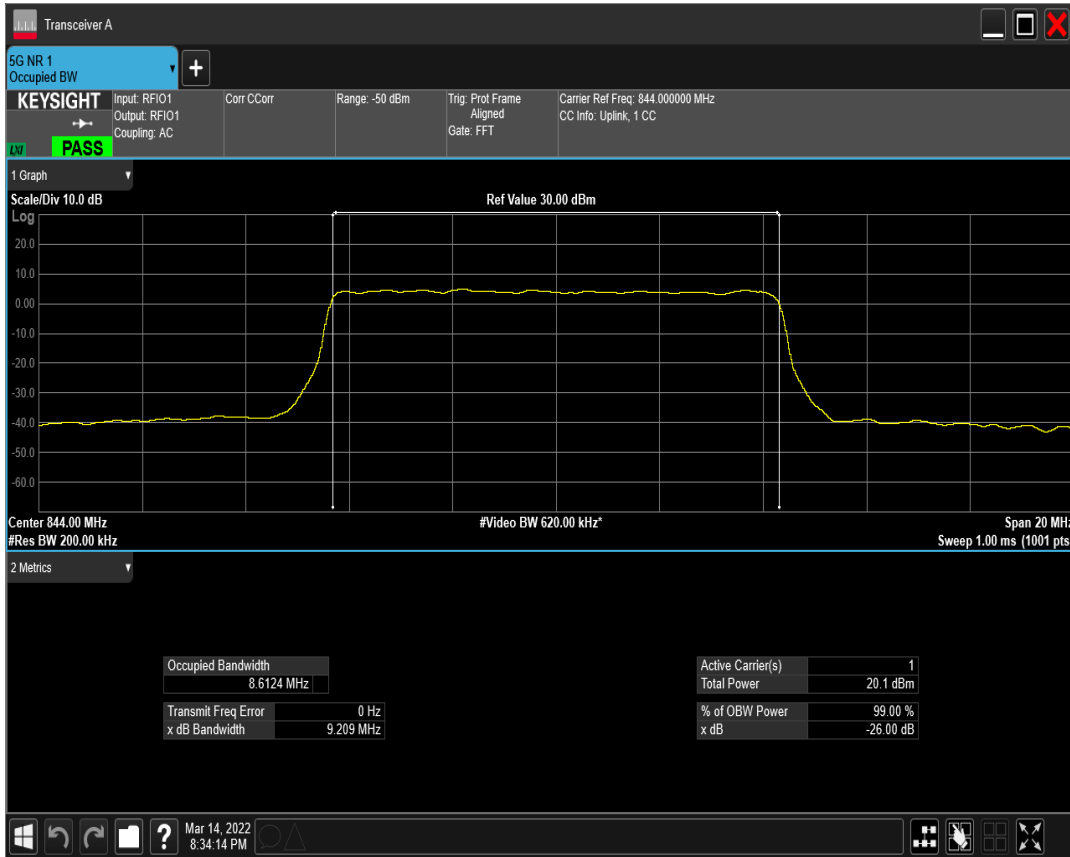
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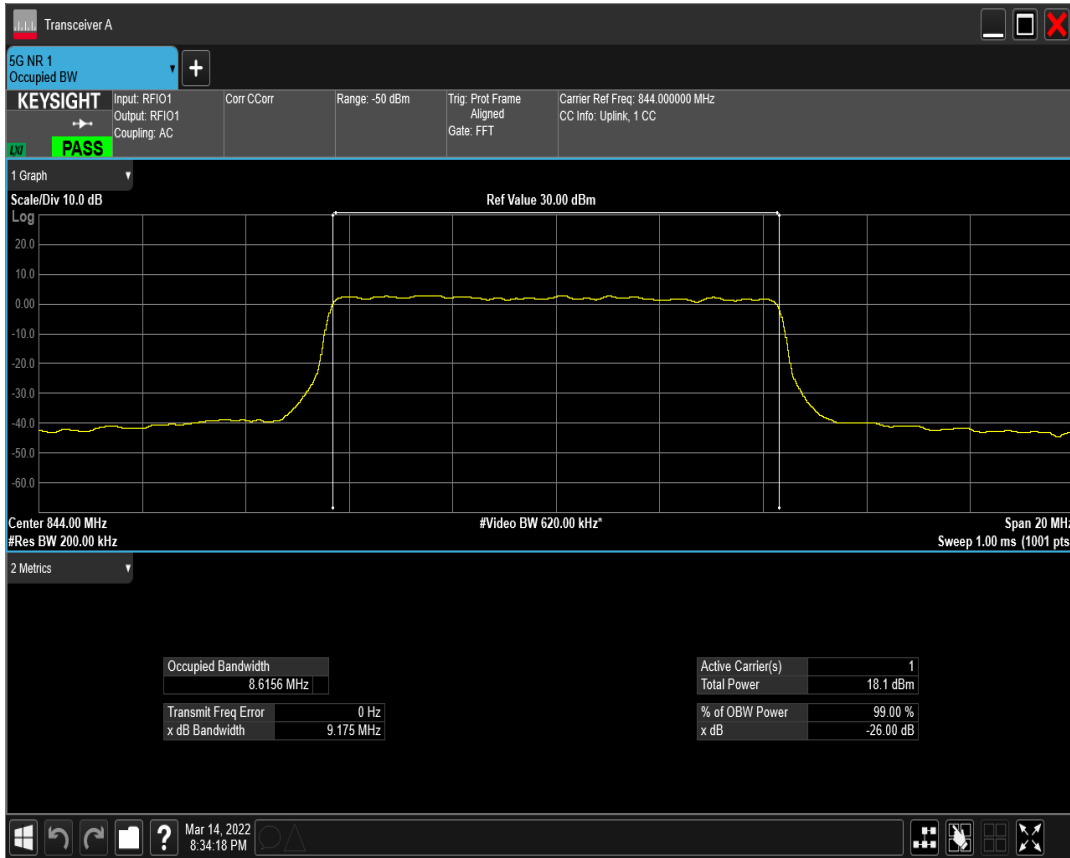
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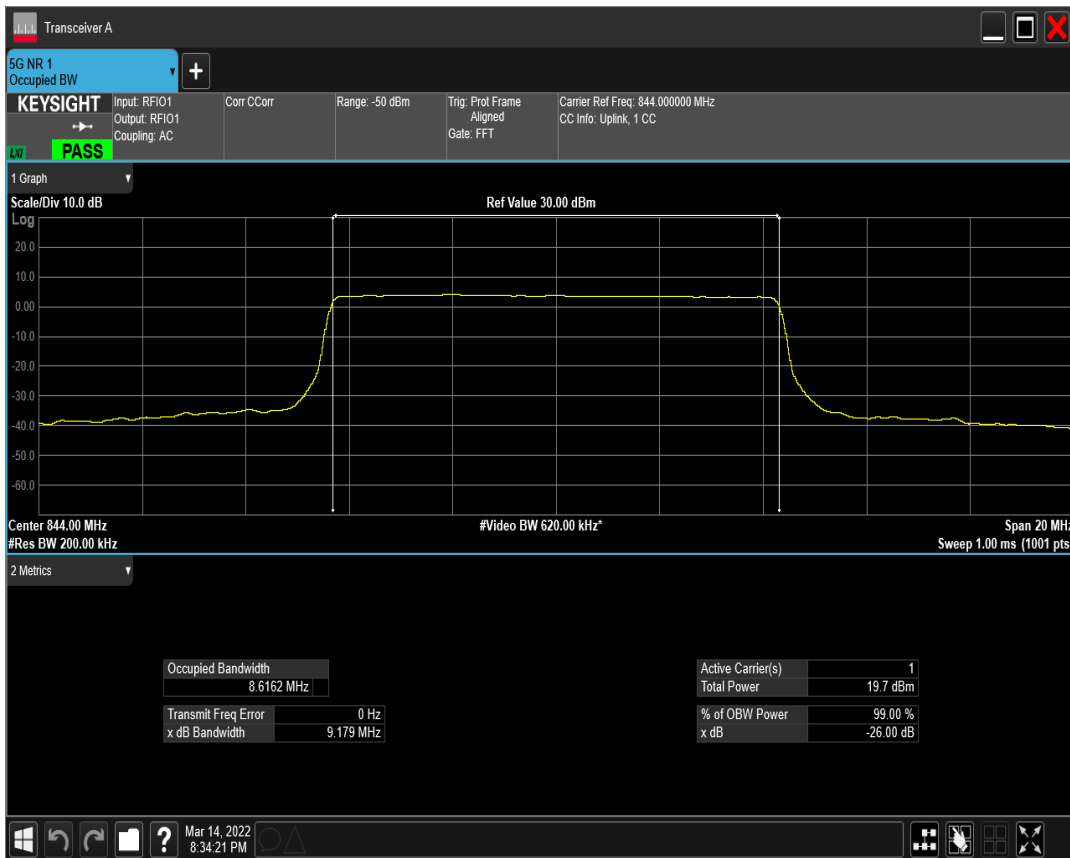
n5 SCS=30kHz DFT_QAM64 BW=10MHz Channel=168800 RB=24@0



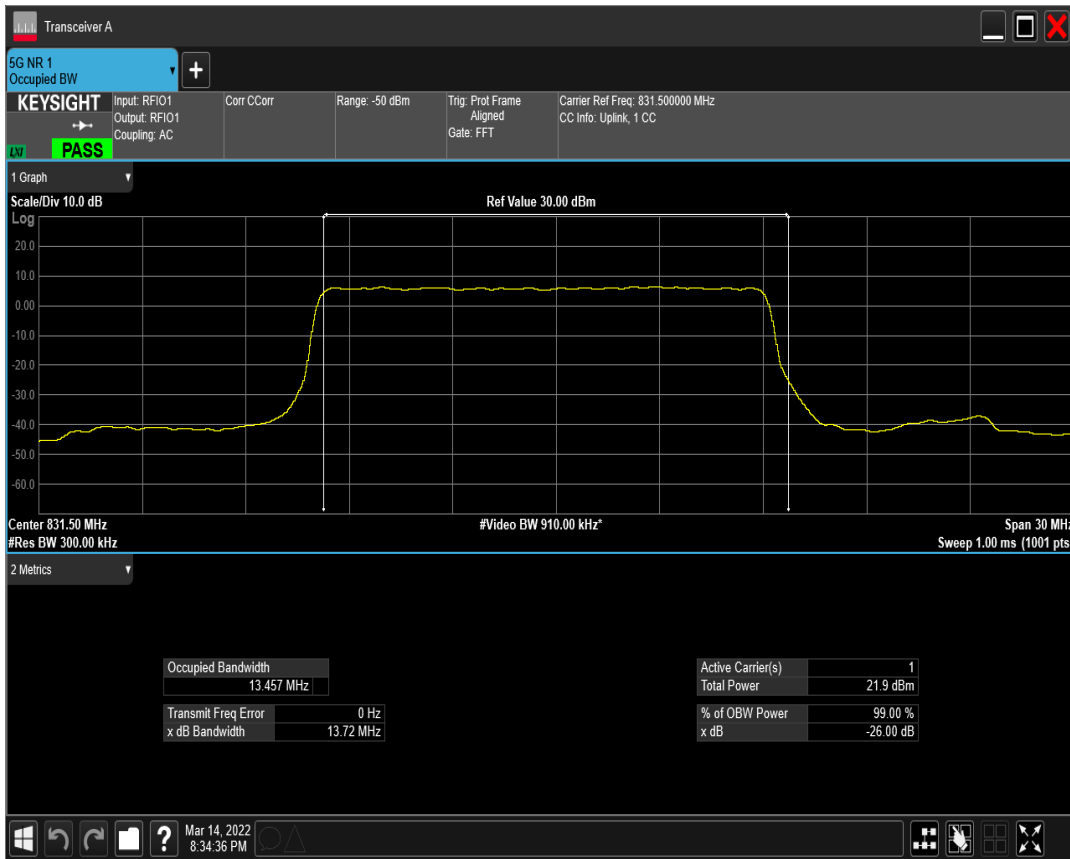
n5 SCS=30kHz DFT_QAM256 BW=10MHz Channel=168800 RB=24@0



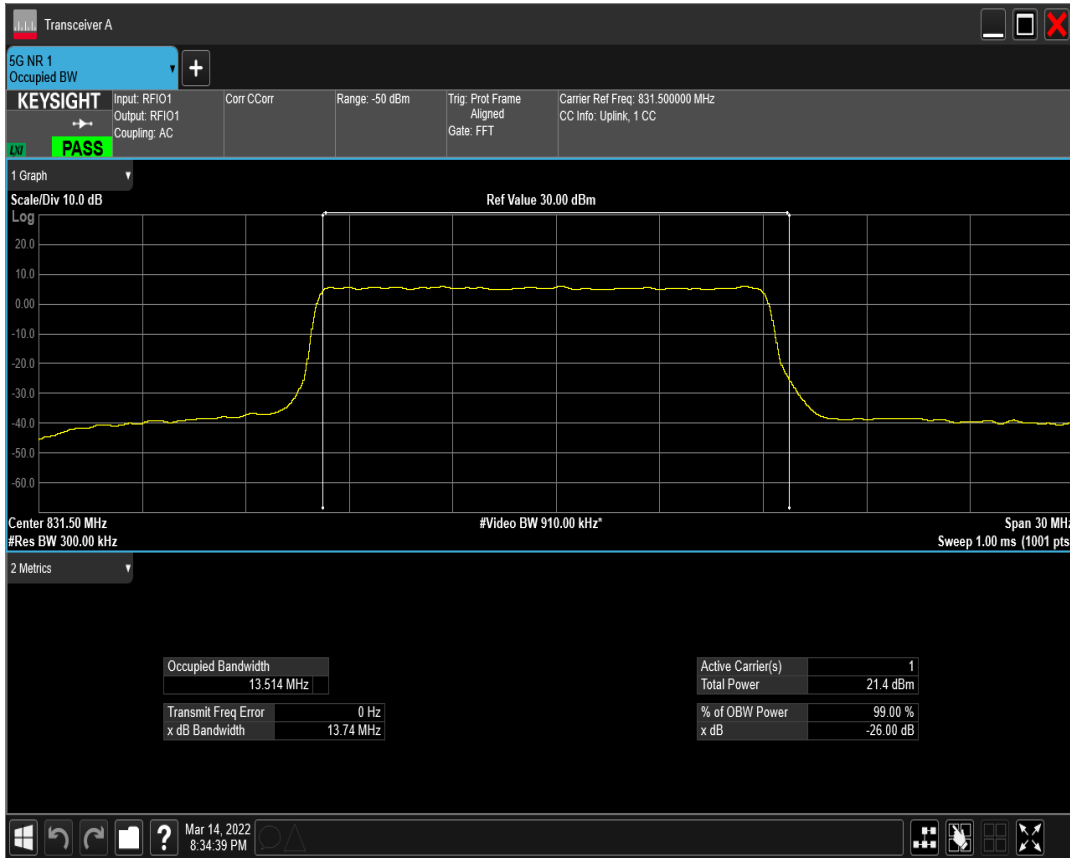
n5 SCS=30kHz CP_QPSK BW=10MHz Channel=168800 RB=24@0



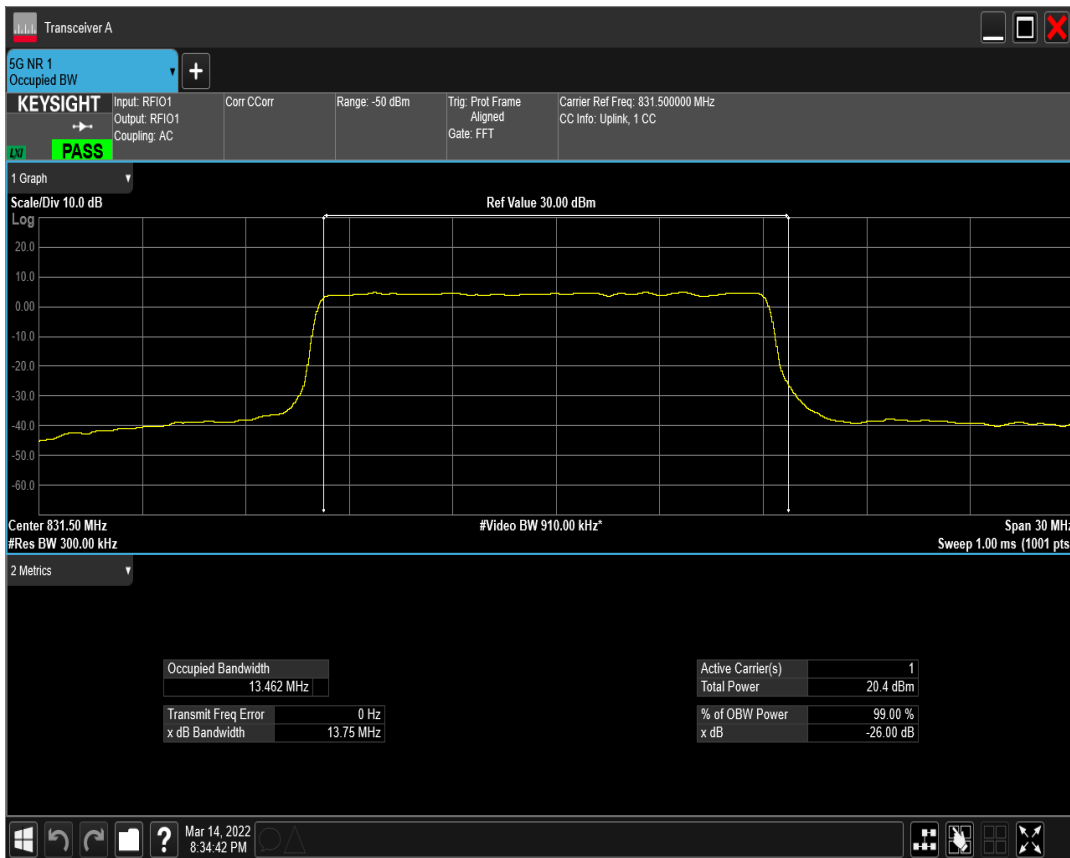
n5 SCS=30kHz DFT_BPSK BW=15MHz Channel=166300 RB=36@0



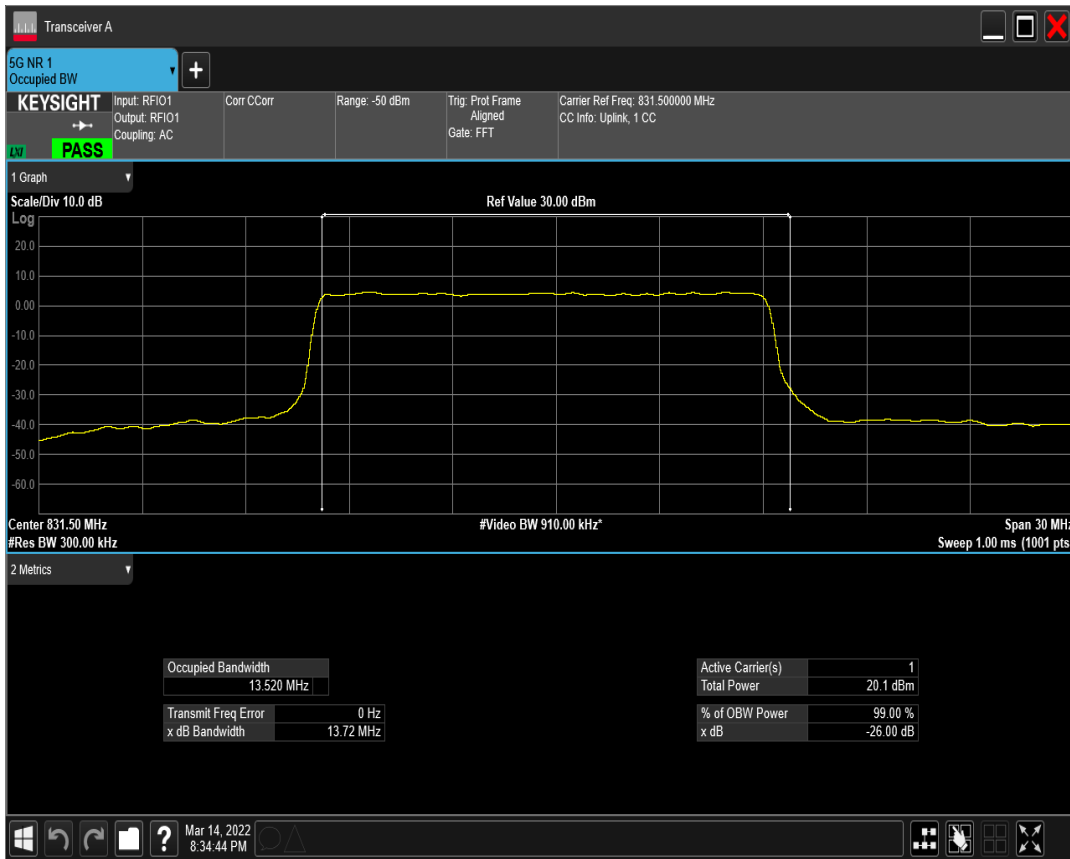
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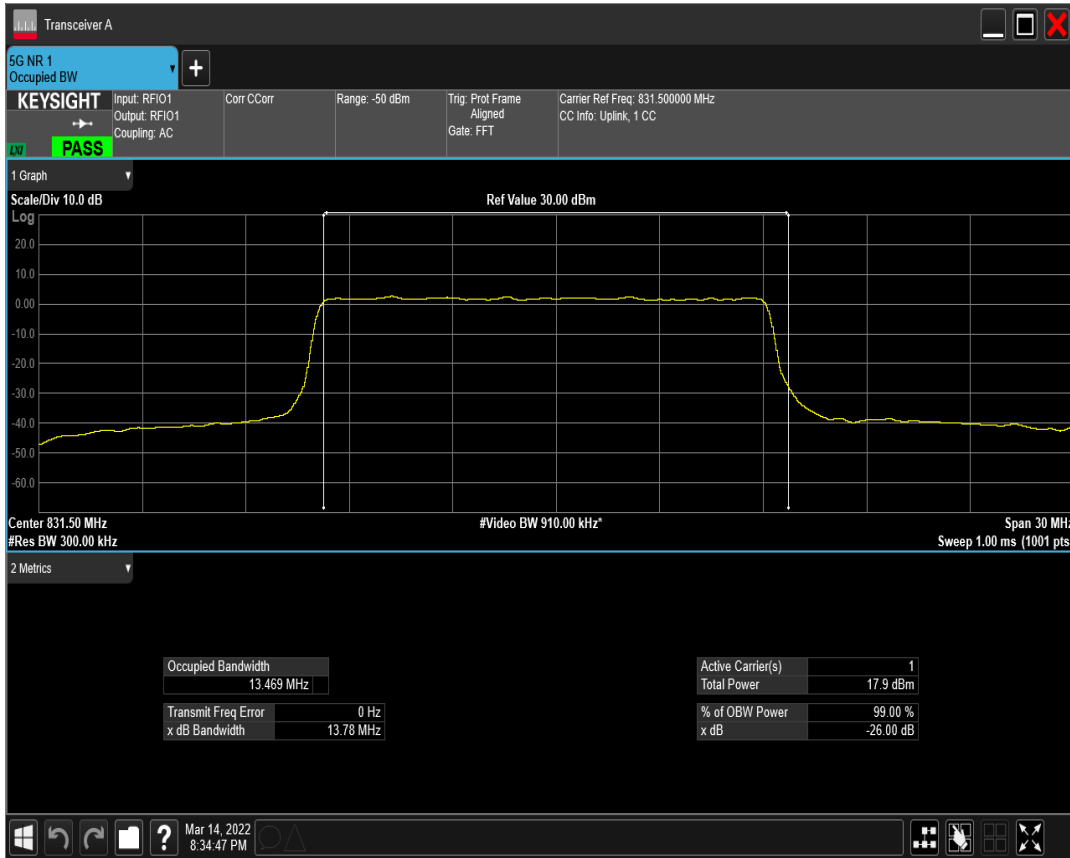
n5 SCS=30kHz DFT_QAM16 BW=15MHz Channel=166300 RB=36@0



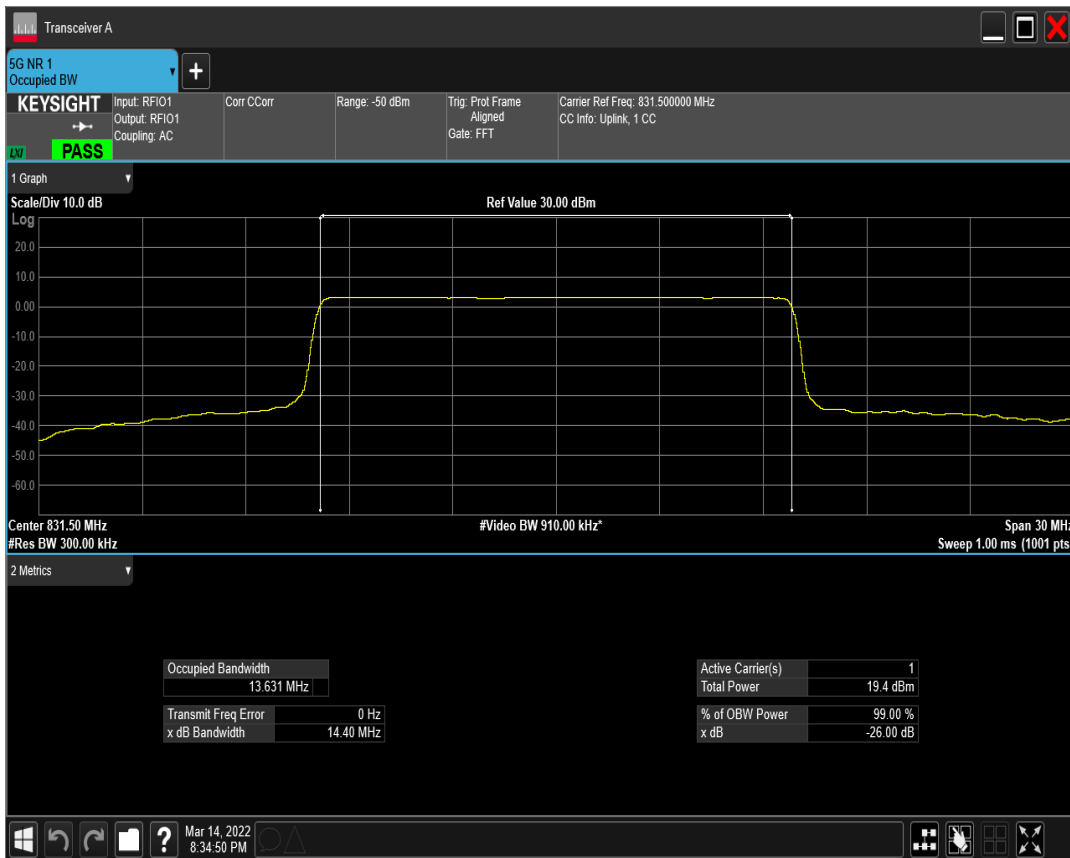
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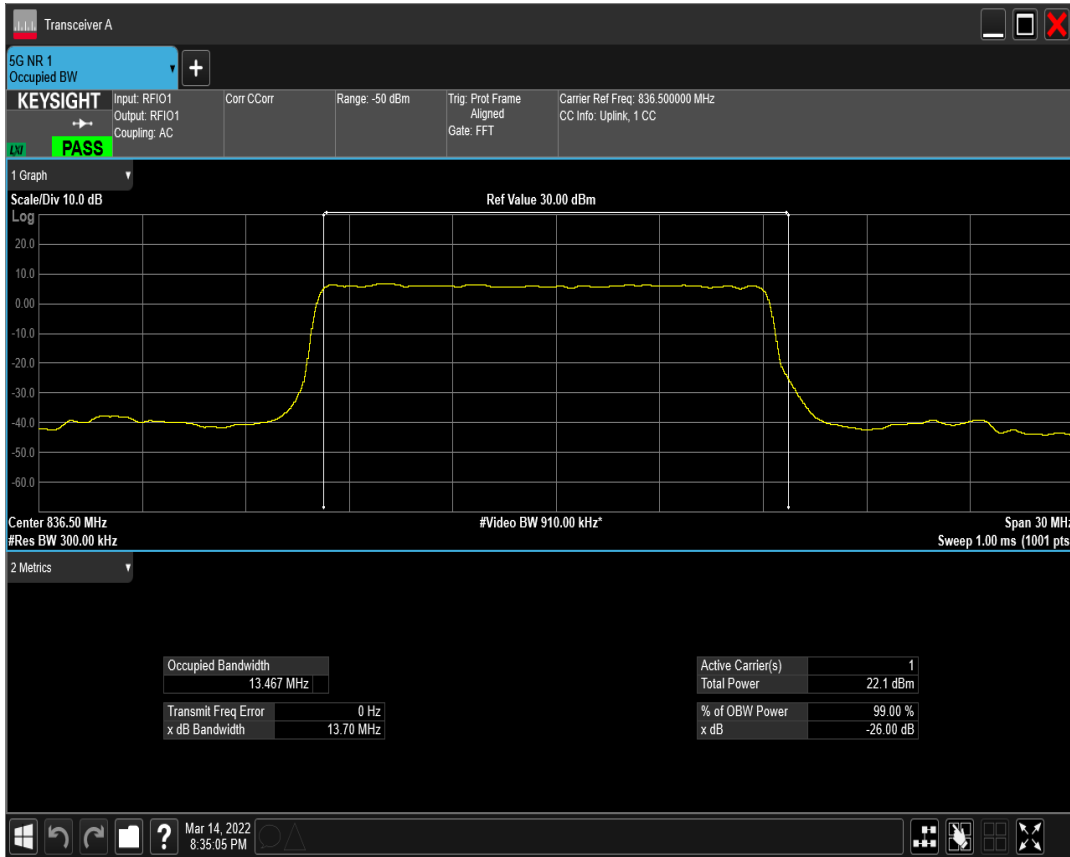
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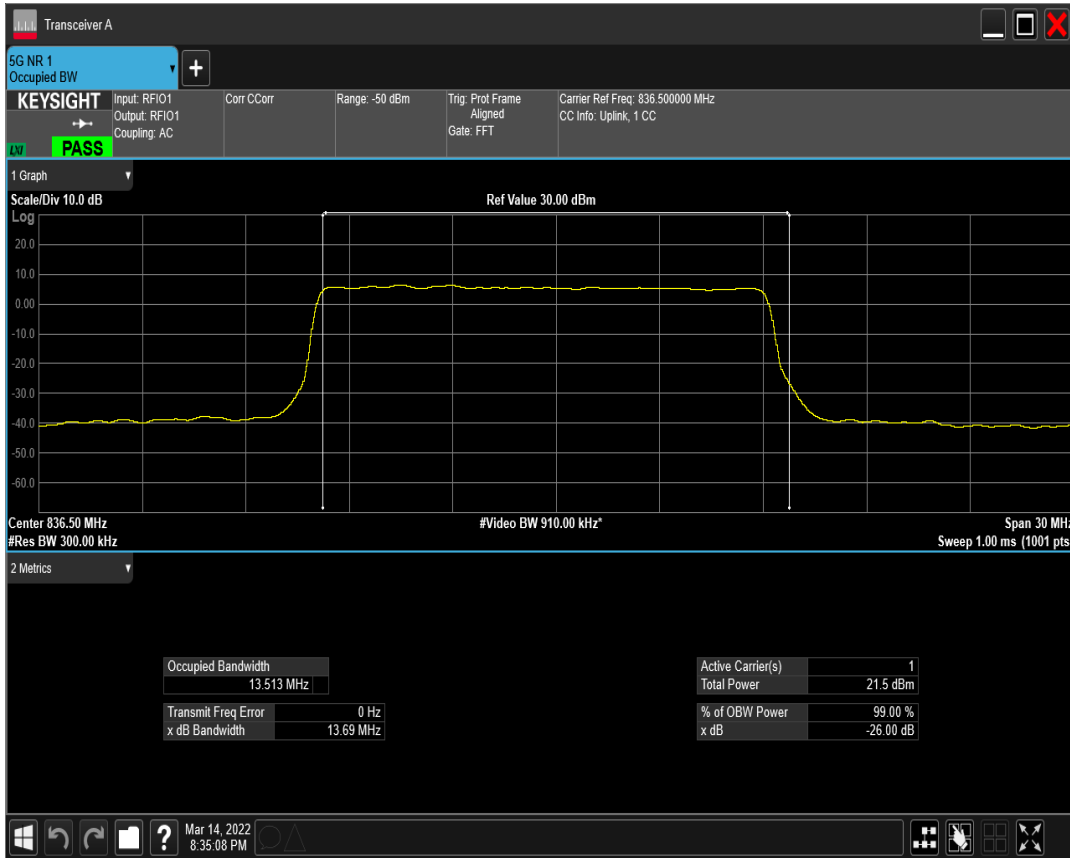
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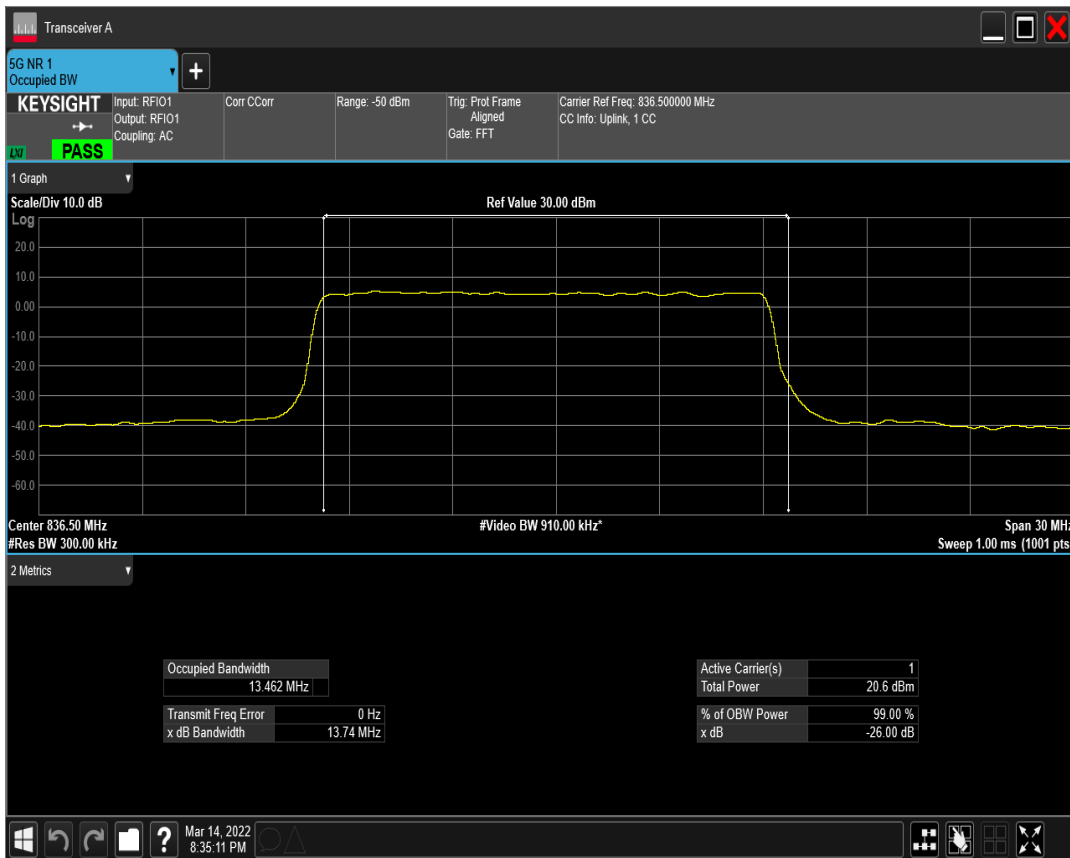
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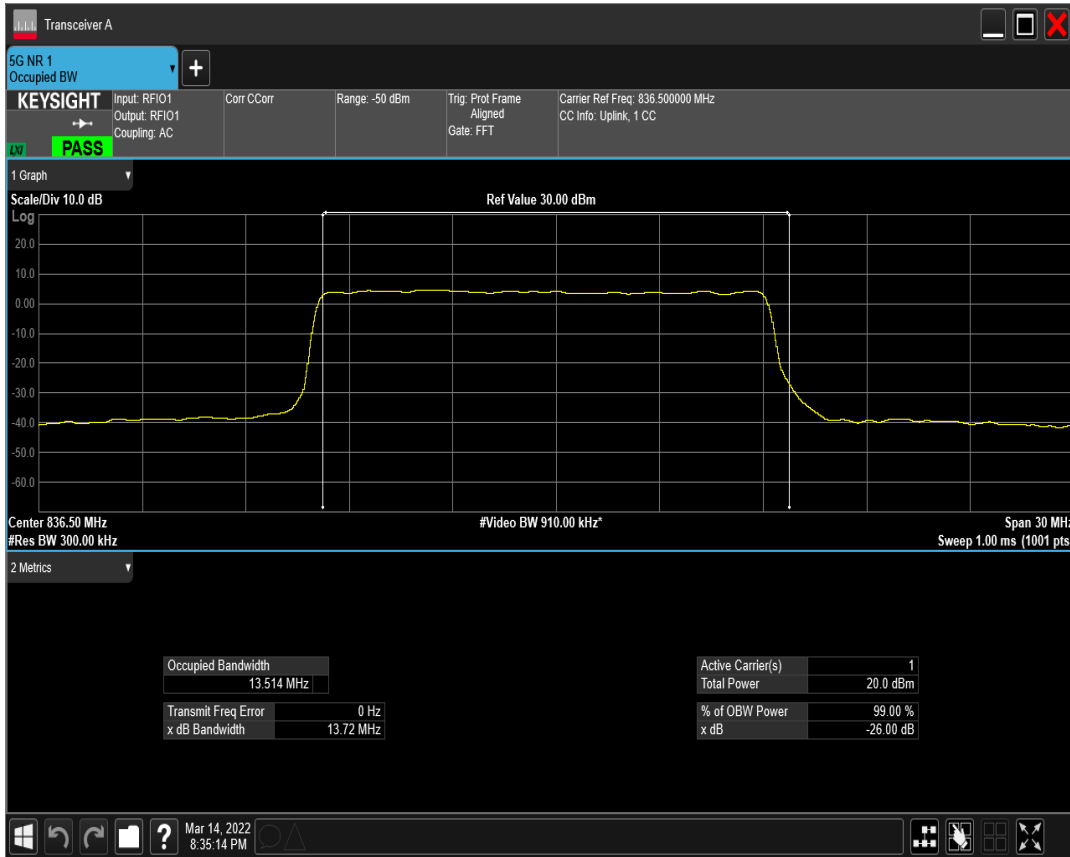
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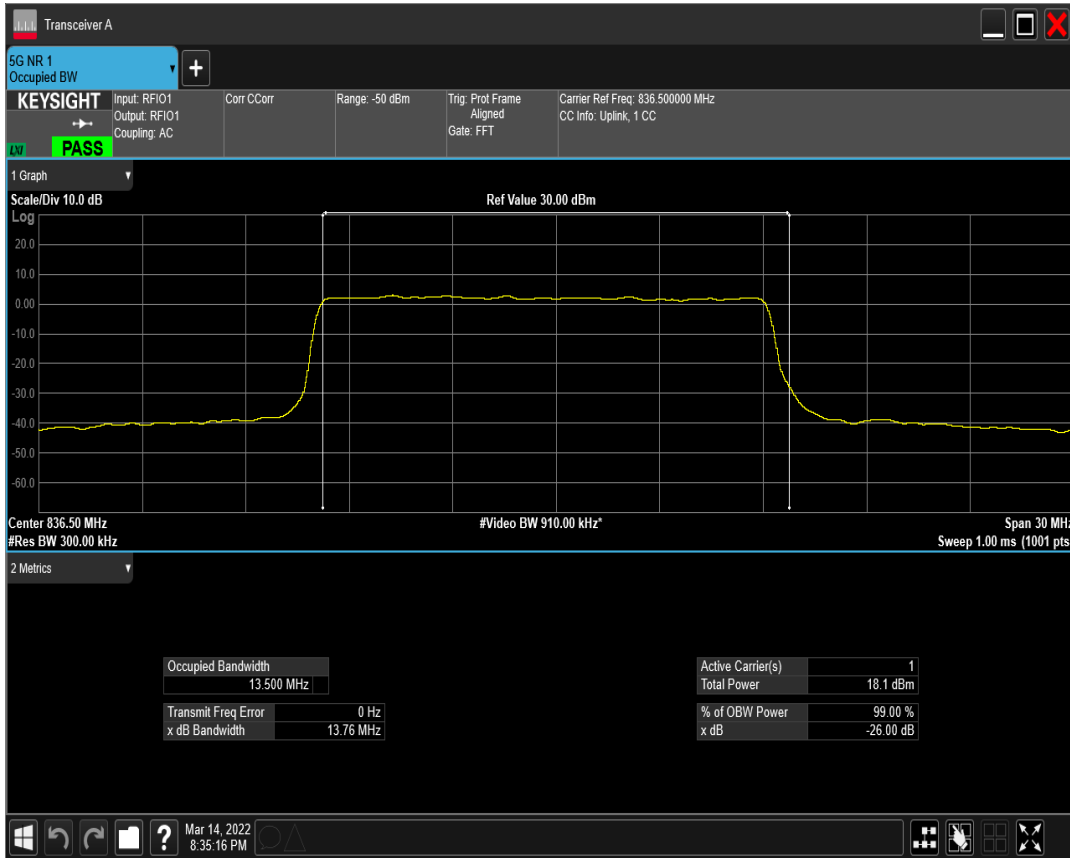
n5 SCS=30kHz DFT_QAM16 BW=15MHz Channel=167300 RB=36@0



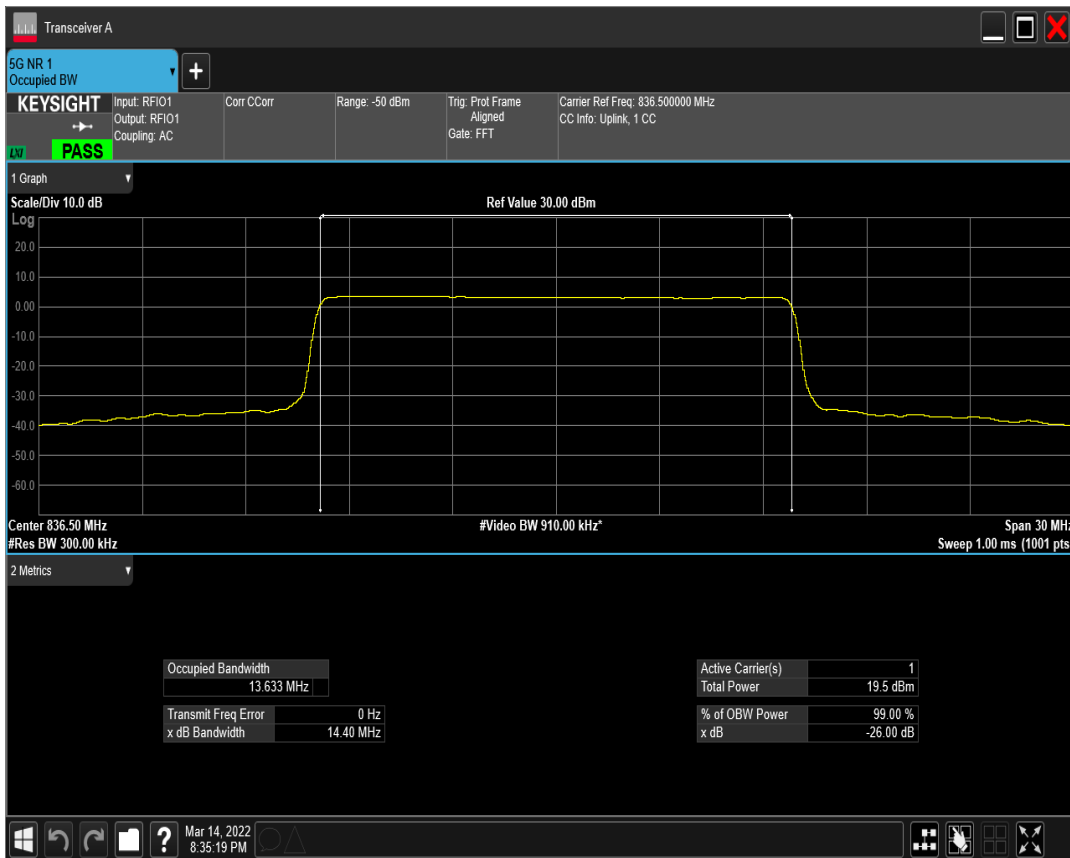
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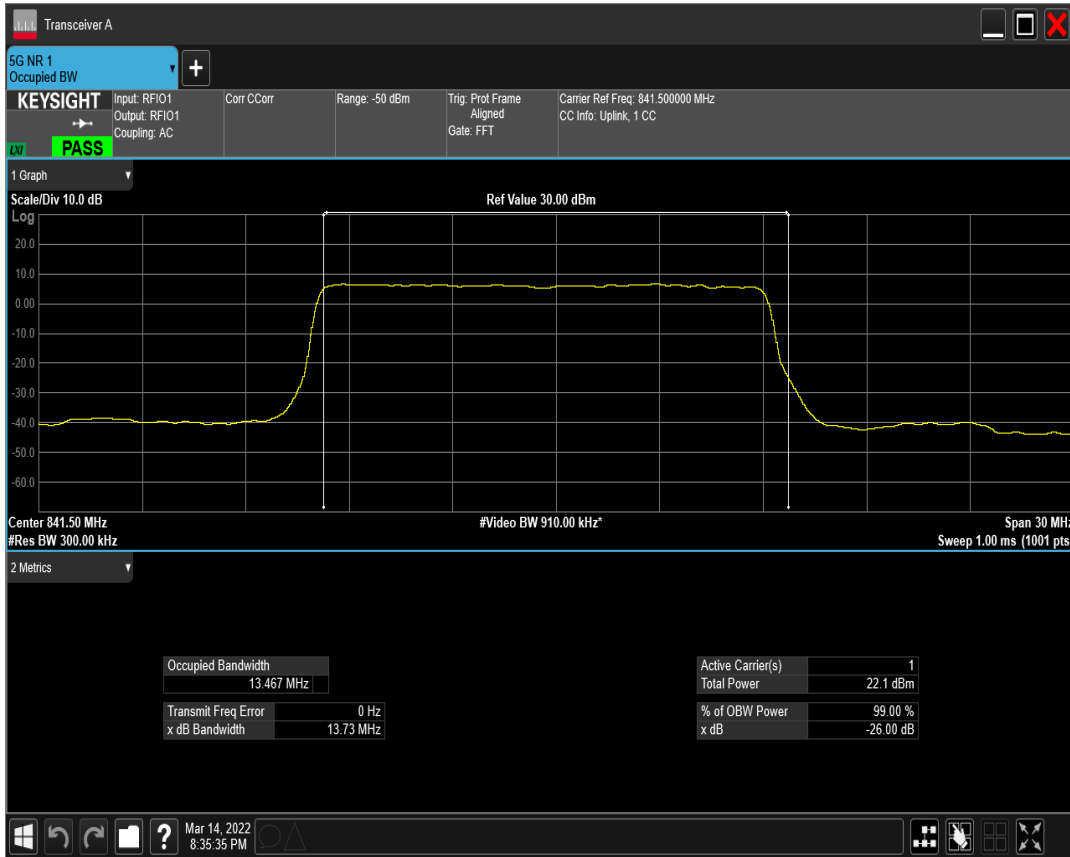
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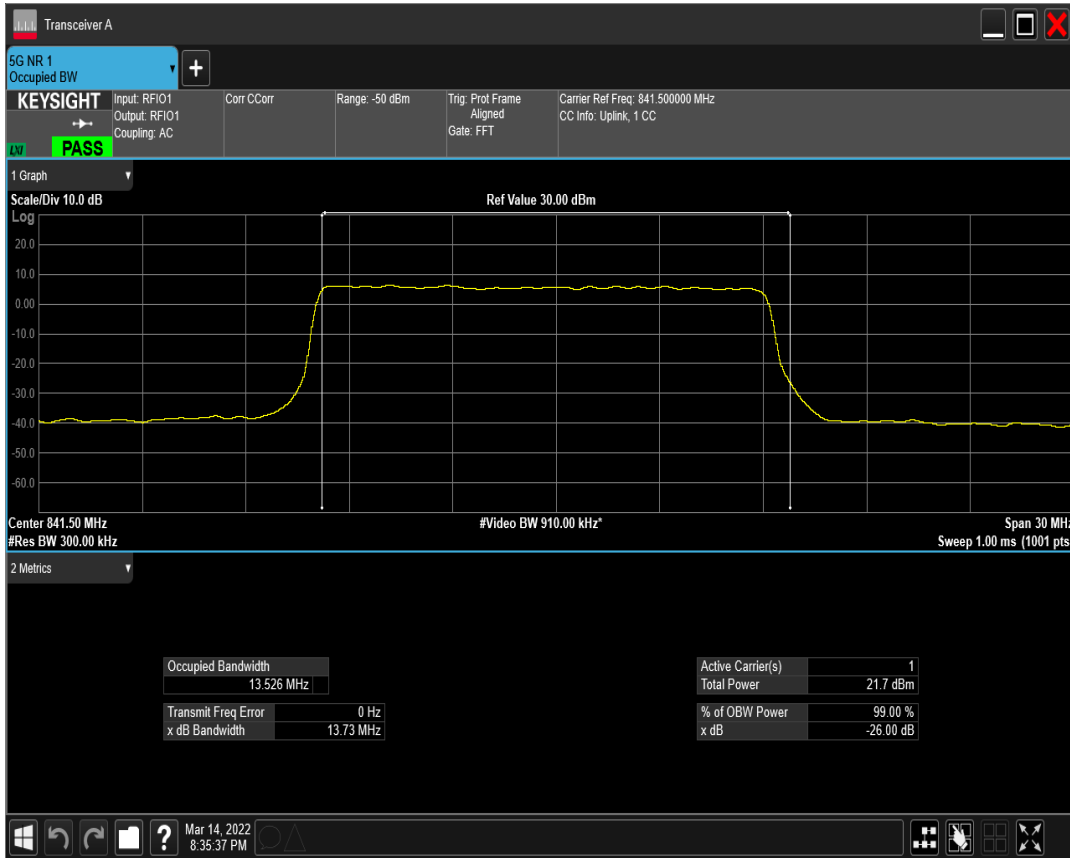
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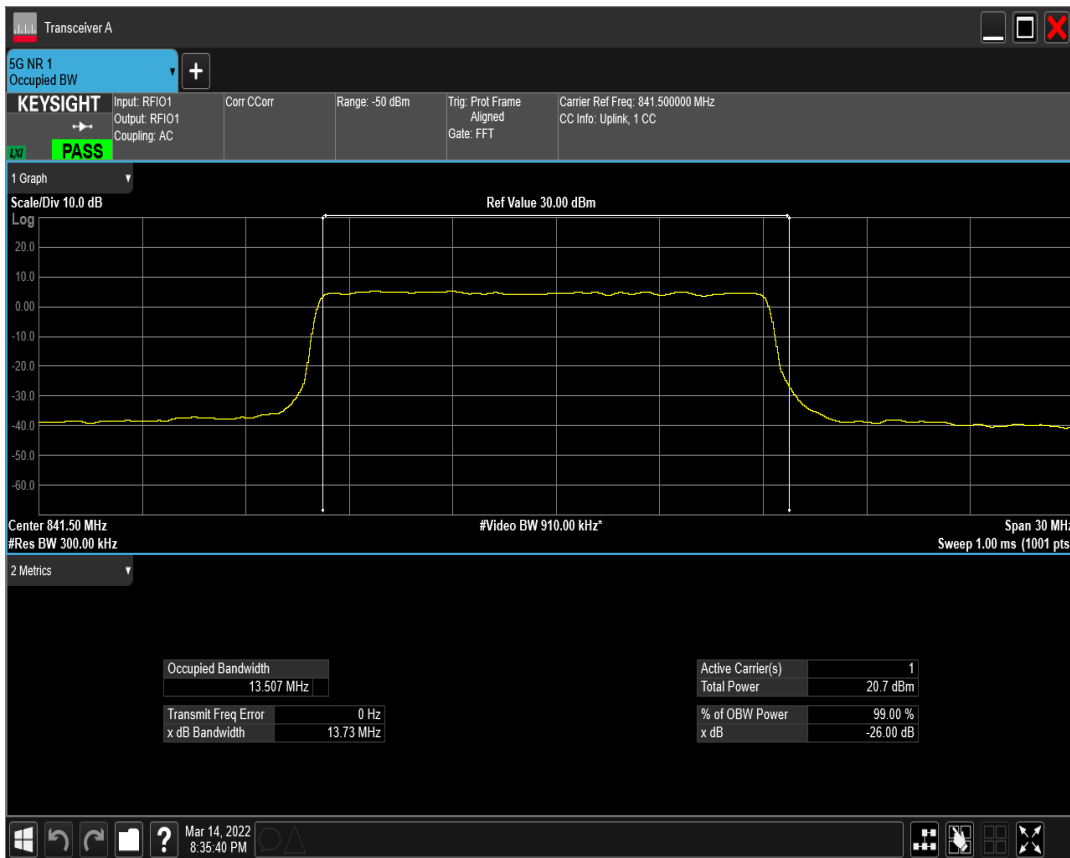
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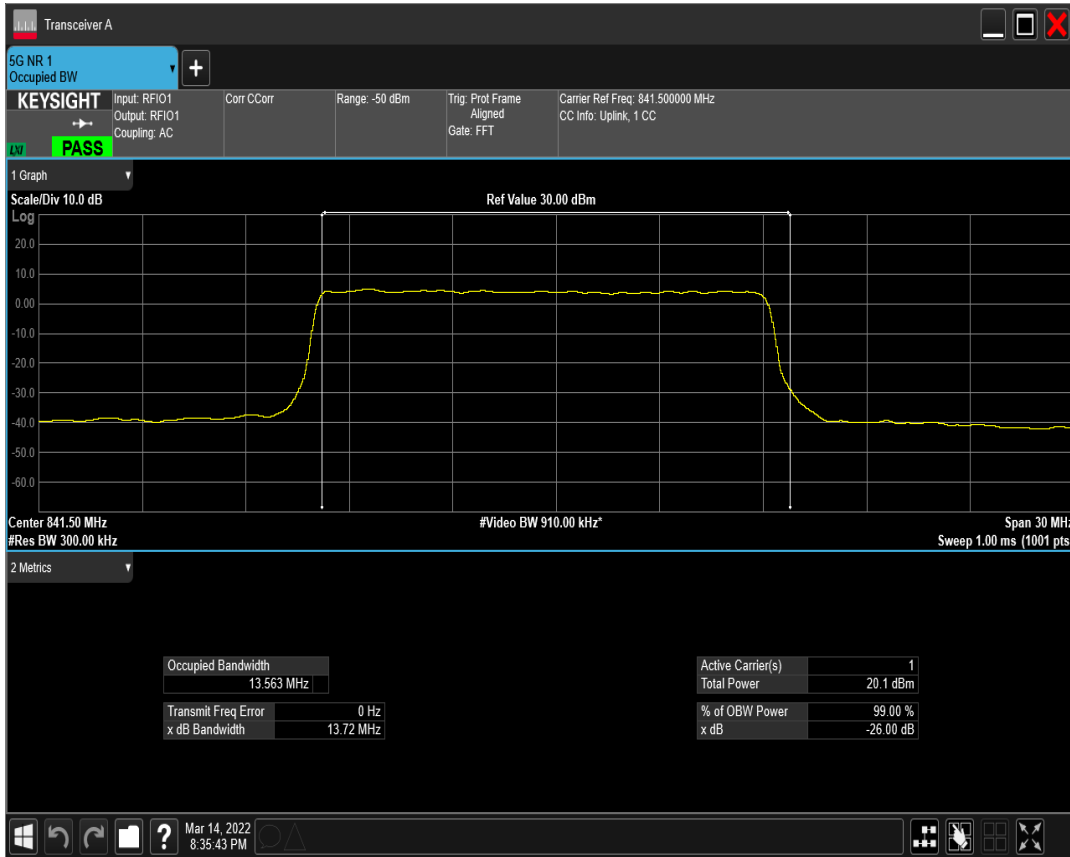
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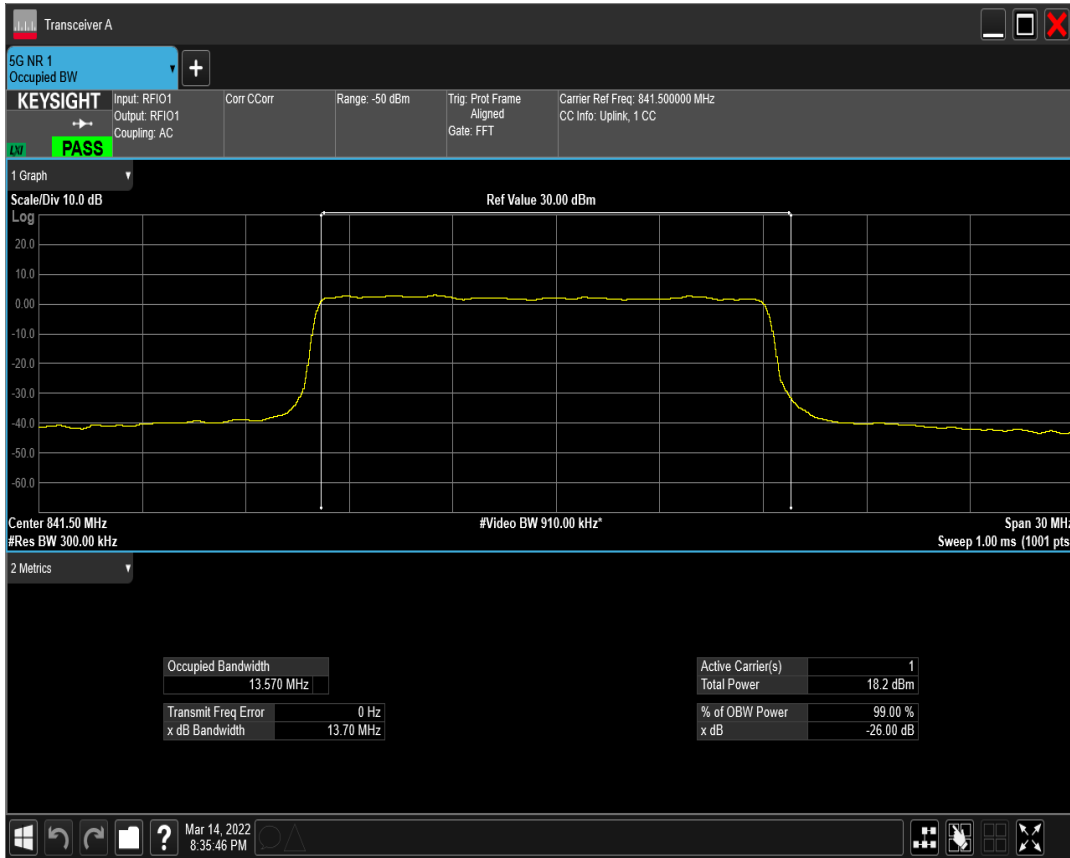
n5 SCS=30kHz DFT_QAM16 BW=15MHz Channel=168300 RB=36@0



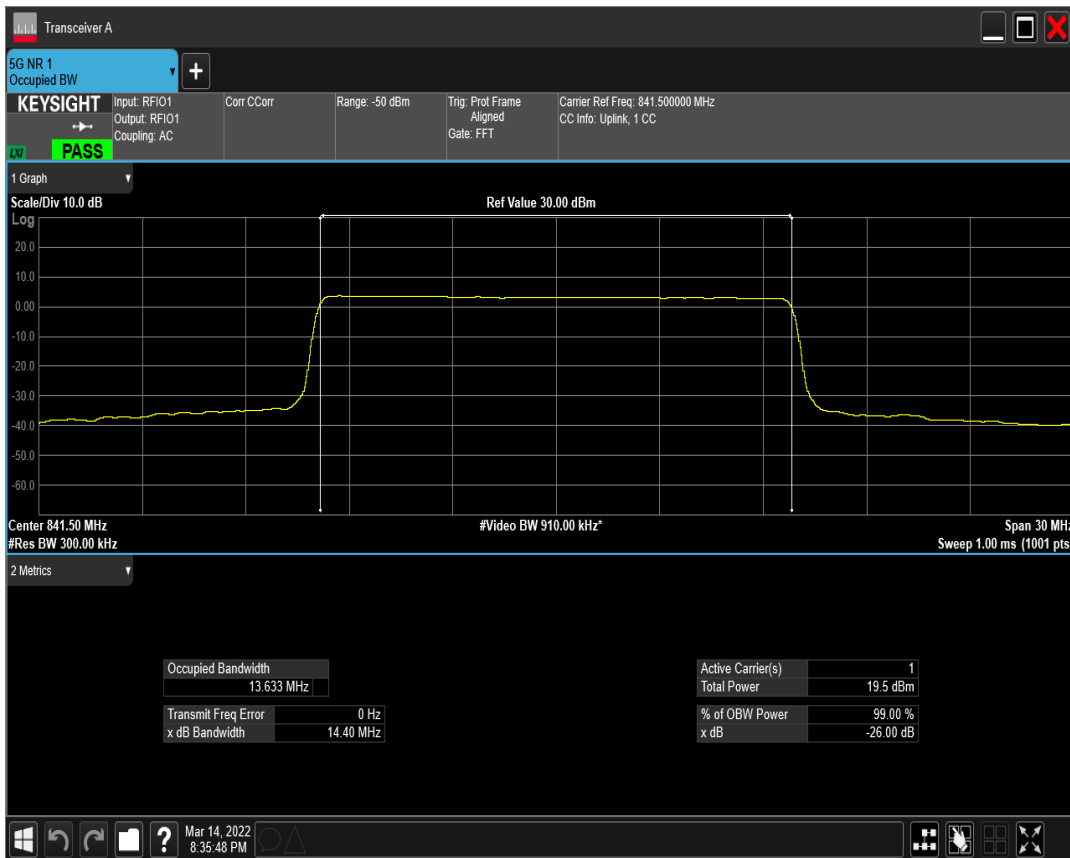
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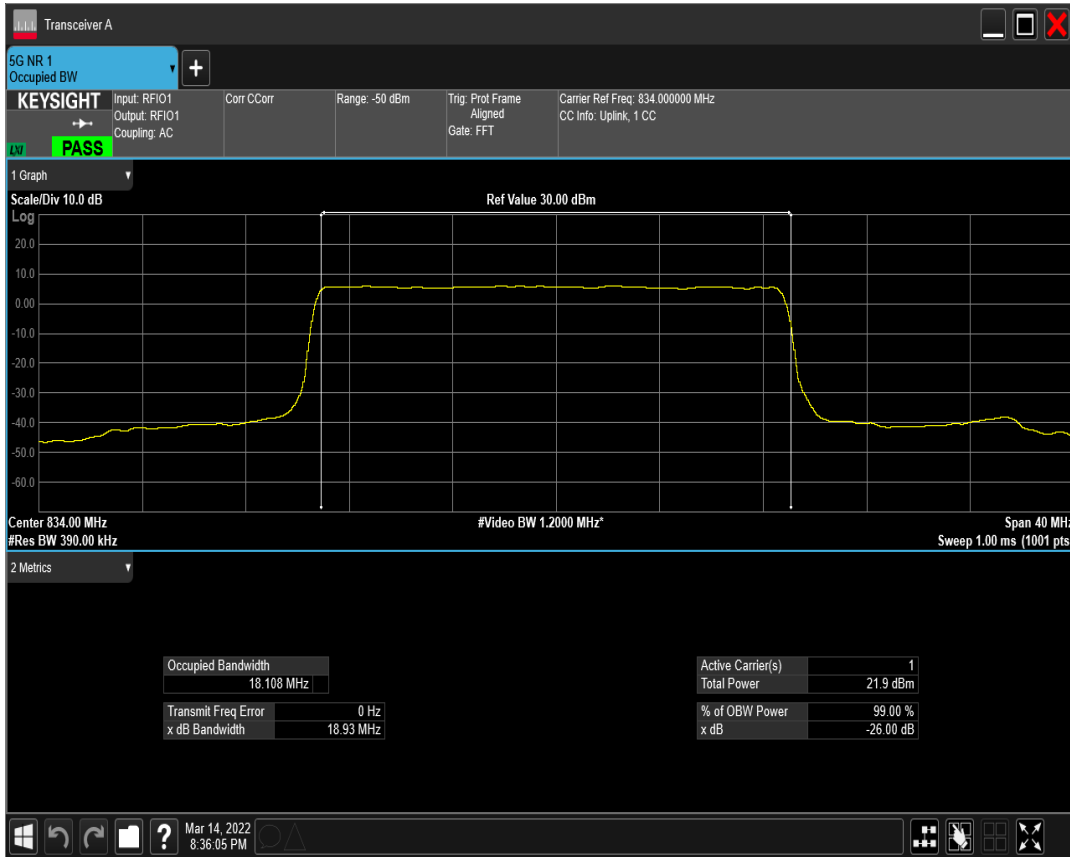
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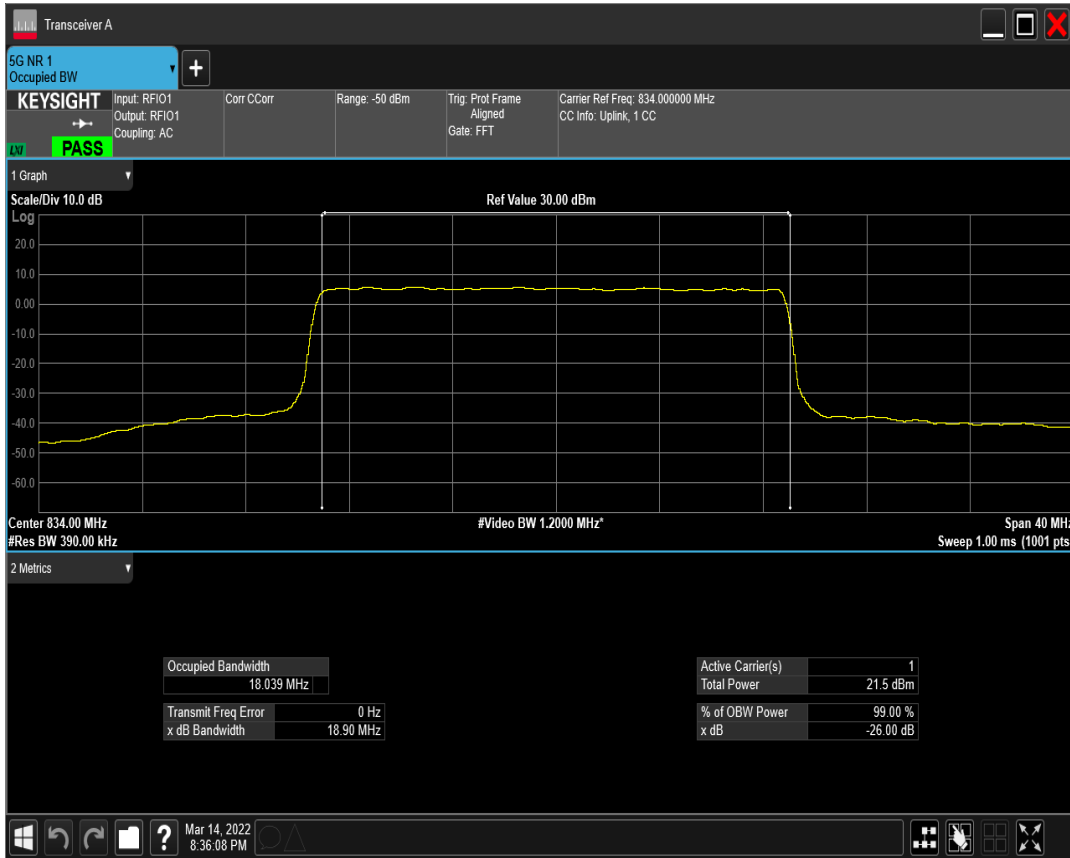
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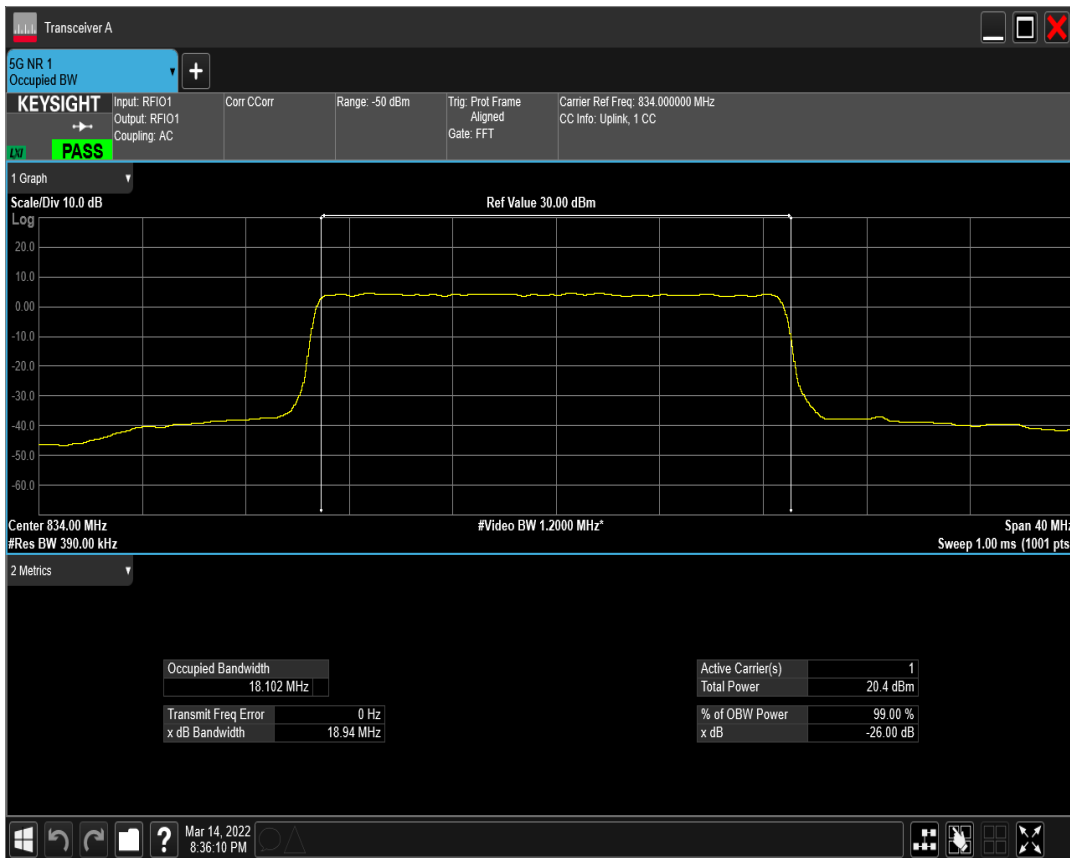
n5 SCS=30kHz DFT_BPSK BW=20MHz Channel=166800 RB=50@0



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



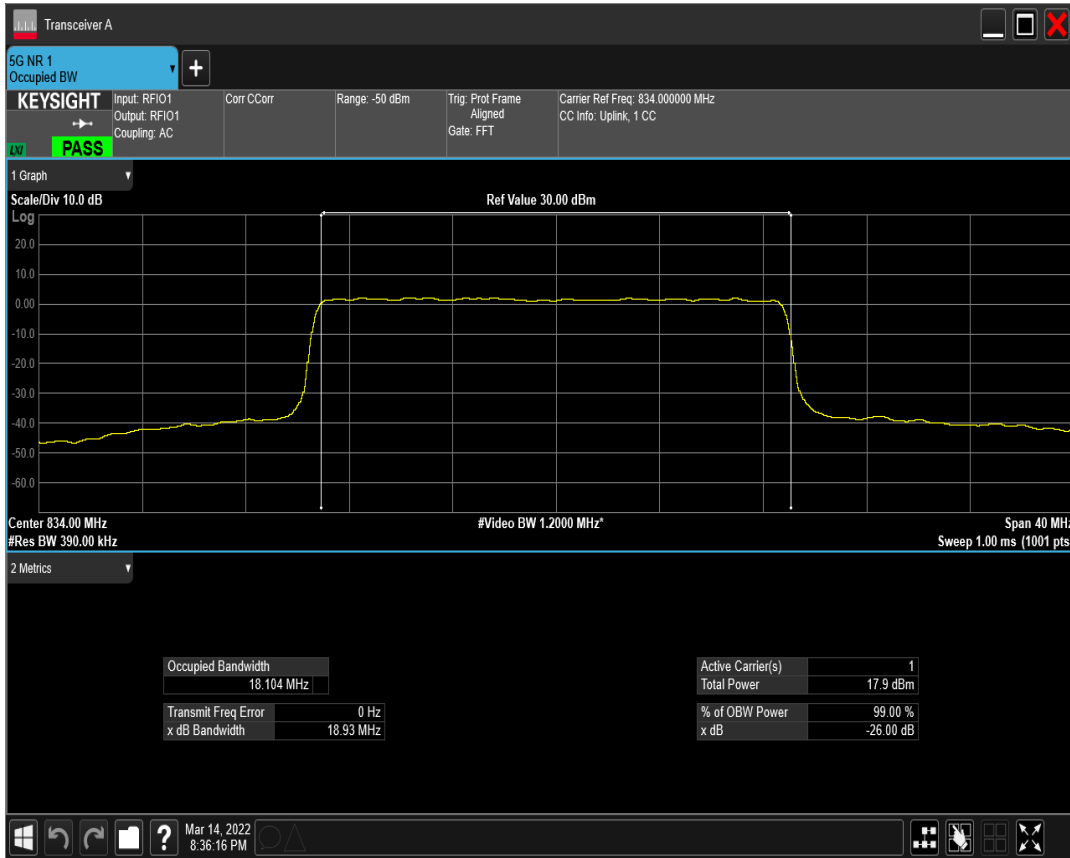
n5 SCS=30kHz DFT_QAM16 BW=20MHz Channel=166800 RB=50@0



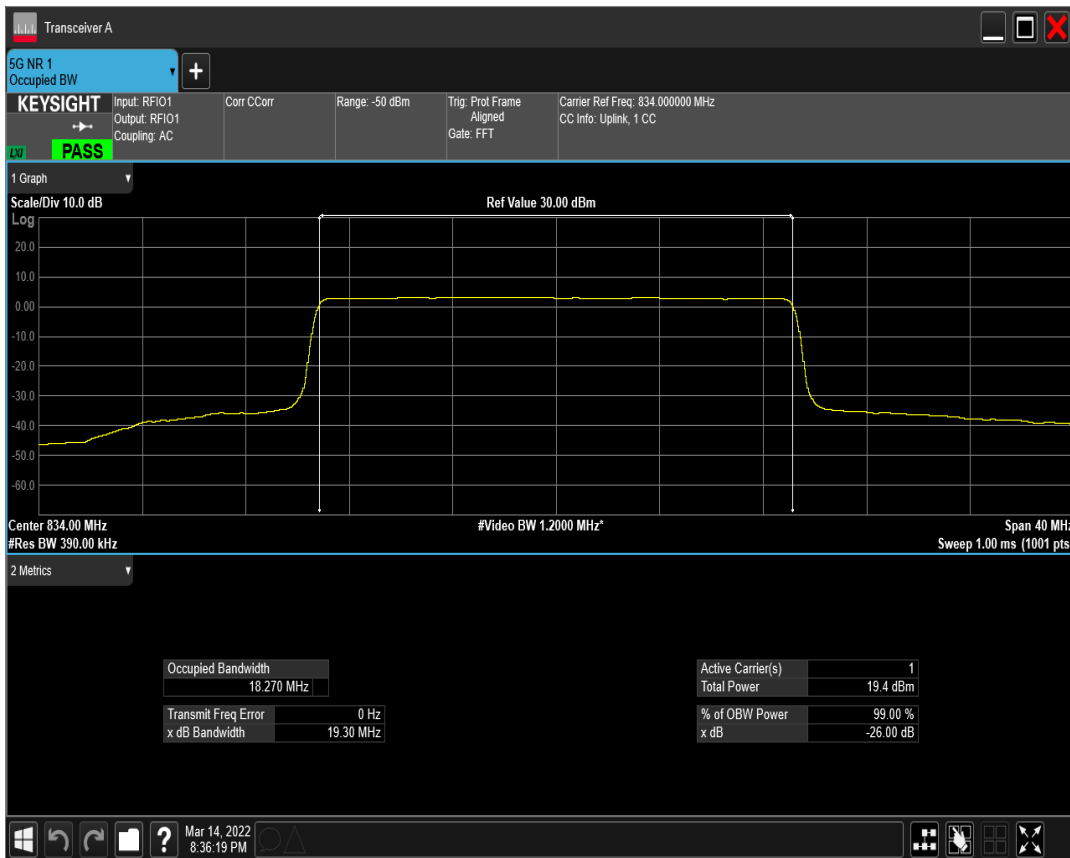
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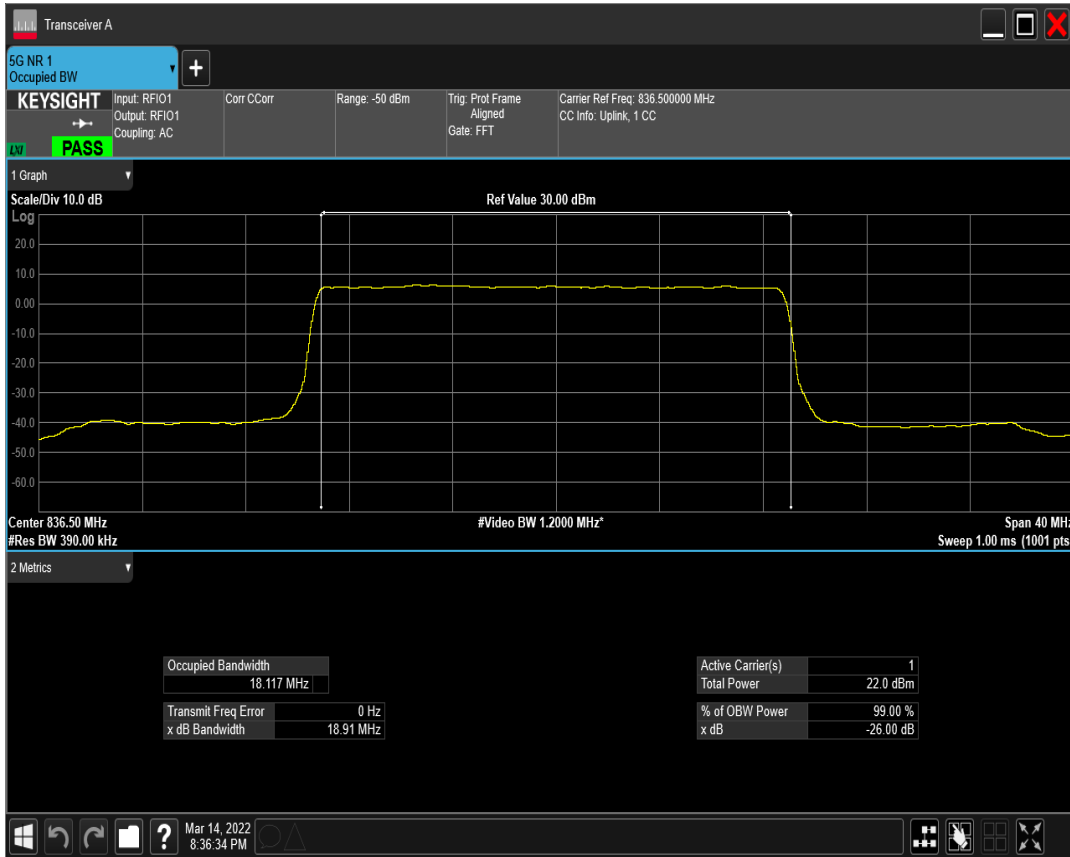
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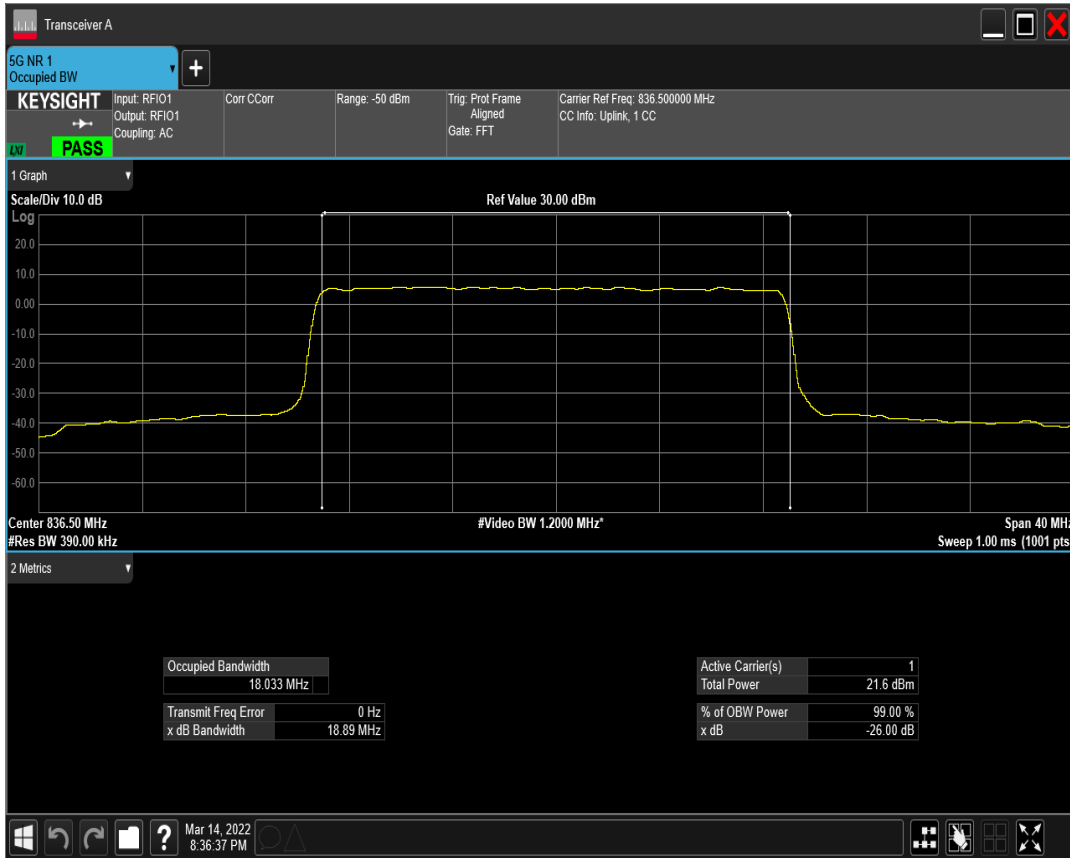
n5 SCS=30kHz CP_QPSK BW=20MHz Channel=166800 RB=51 @0



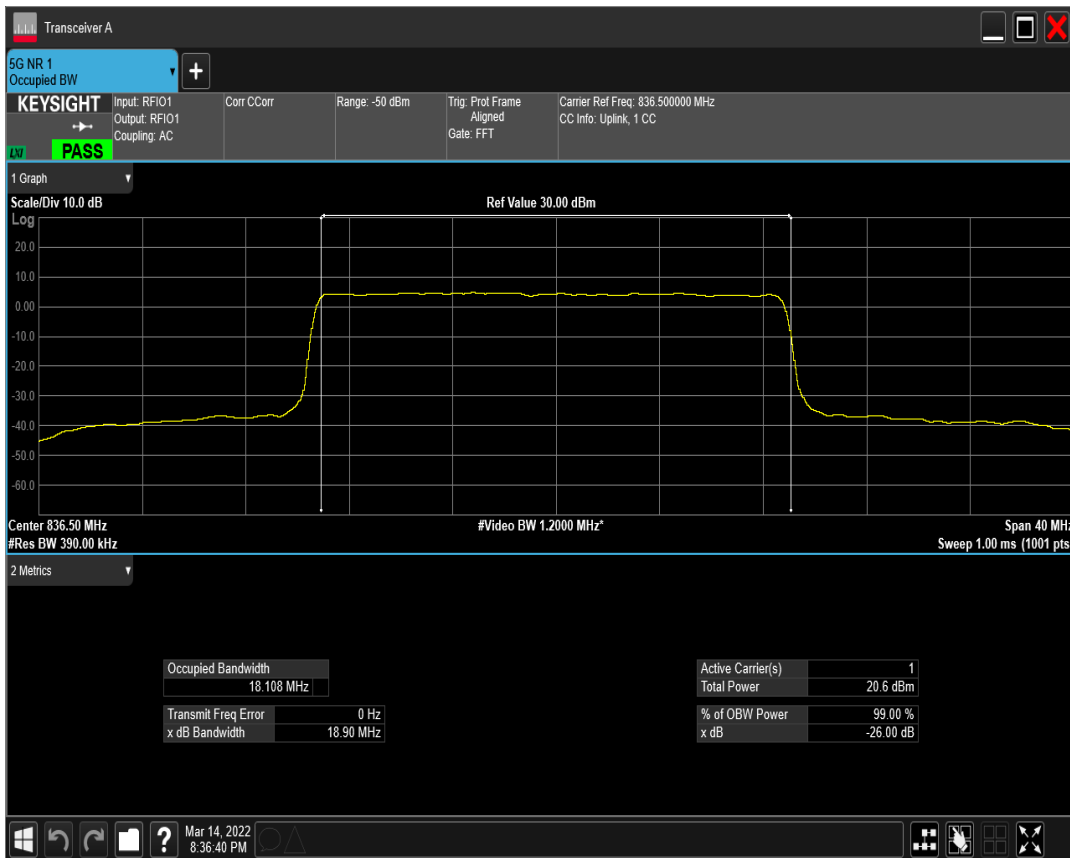
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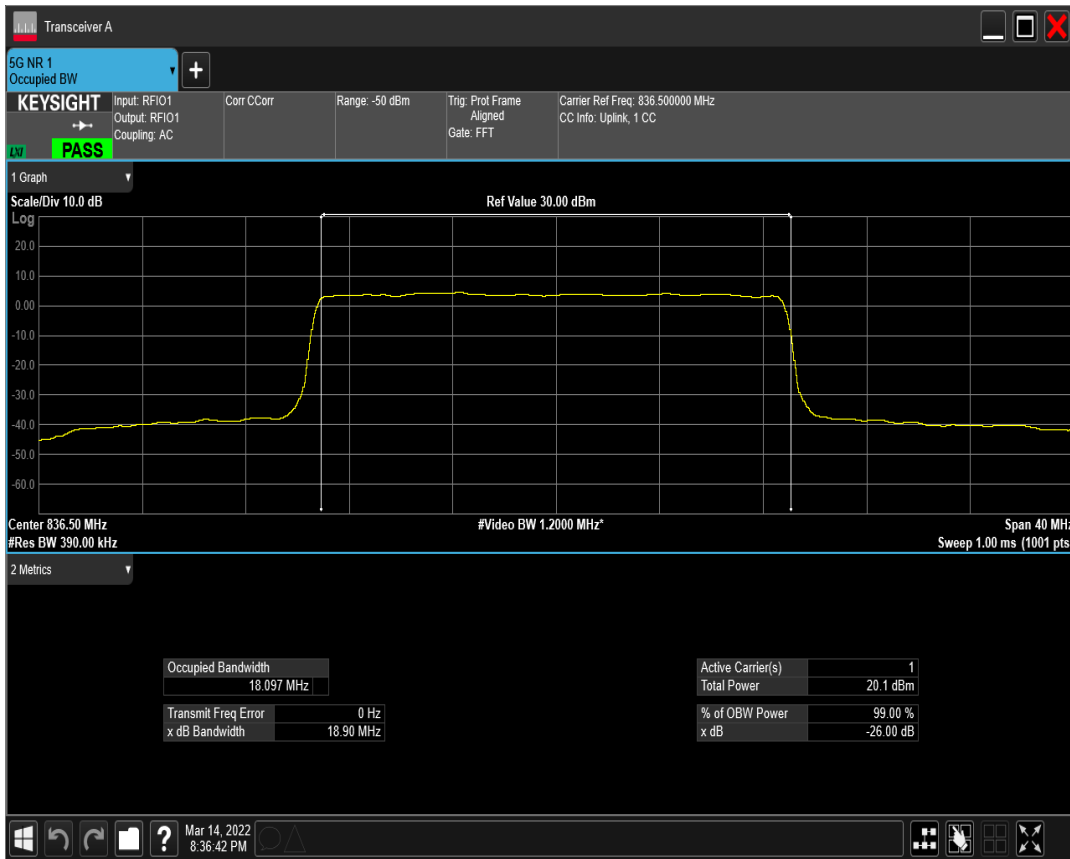
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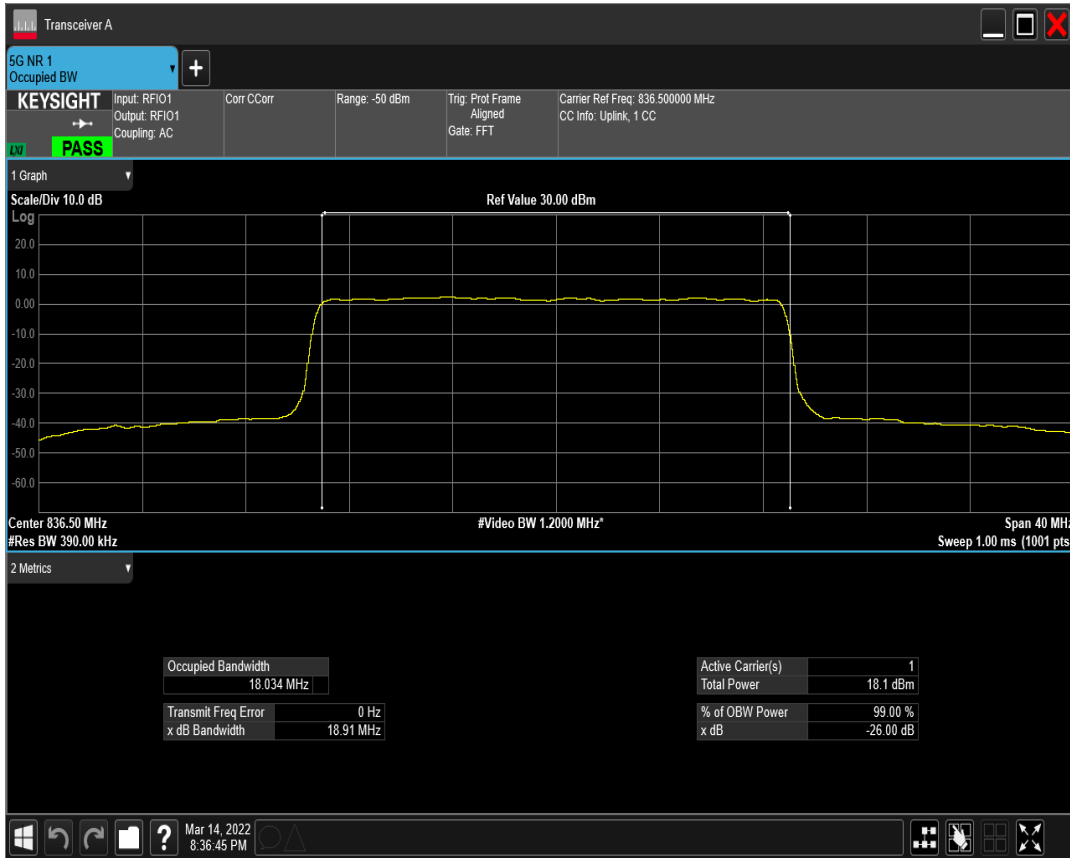
n5 SCS=30kHz DFT_QAM16 BW=20MHz Channel=167300 RB=50@0



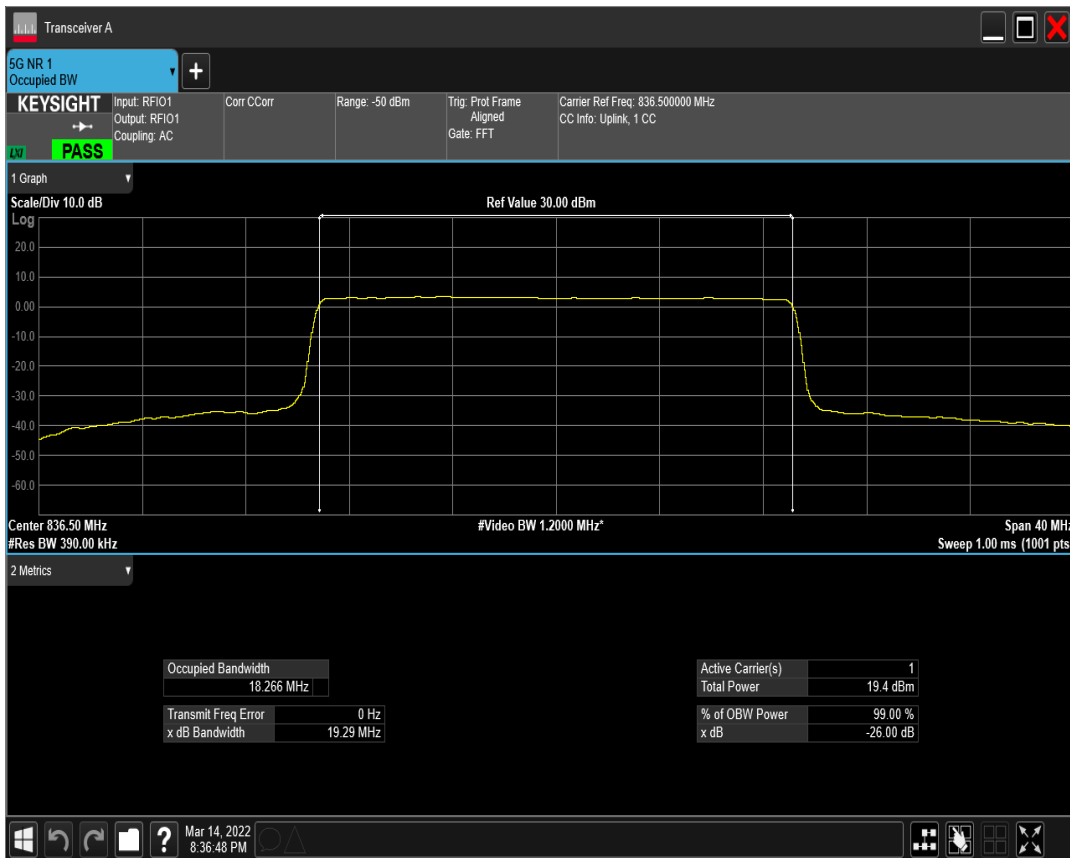
n5 SCS=30kHz DFT_QAM64 BW=20MHz Channel=167300 RB=50@0



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



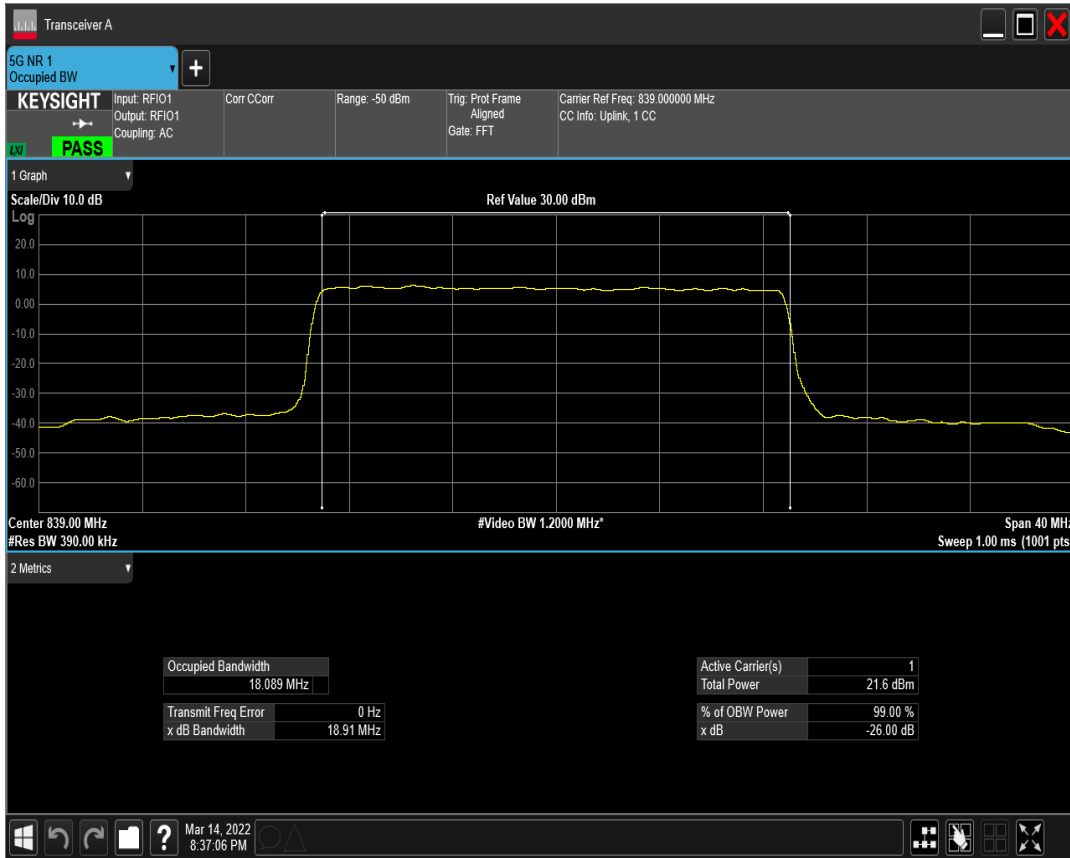
n5 SCS=30kHz CP_QPSK BW=20MHz Channel=167300 RB=51 @ 0



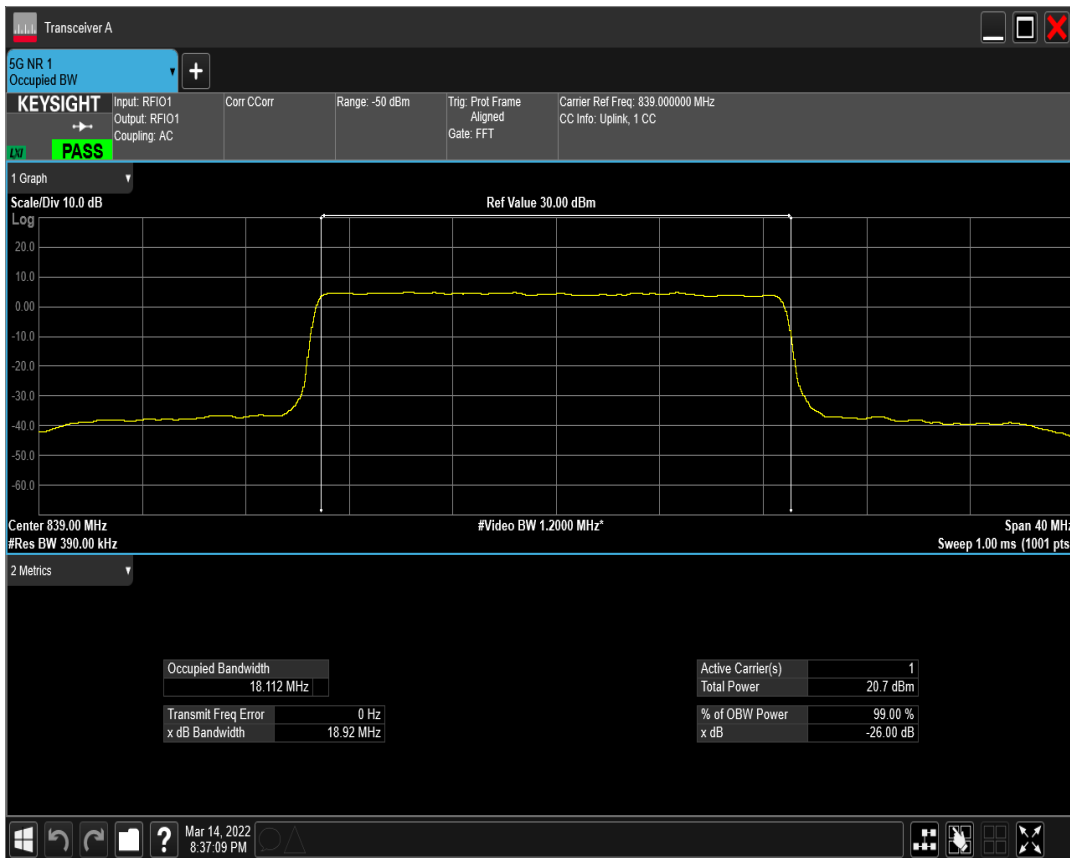
n5 SCS=30kHz DFT_BPSK BW=20MHz Channel=167800 RB=50@0



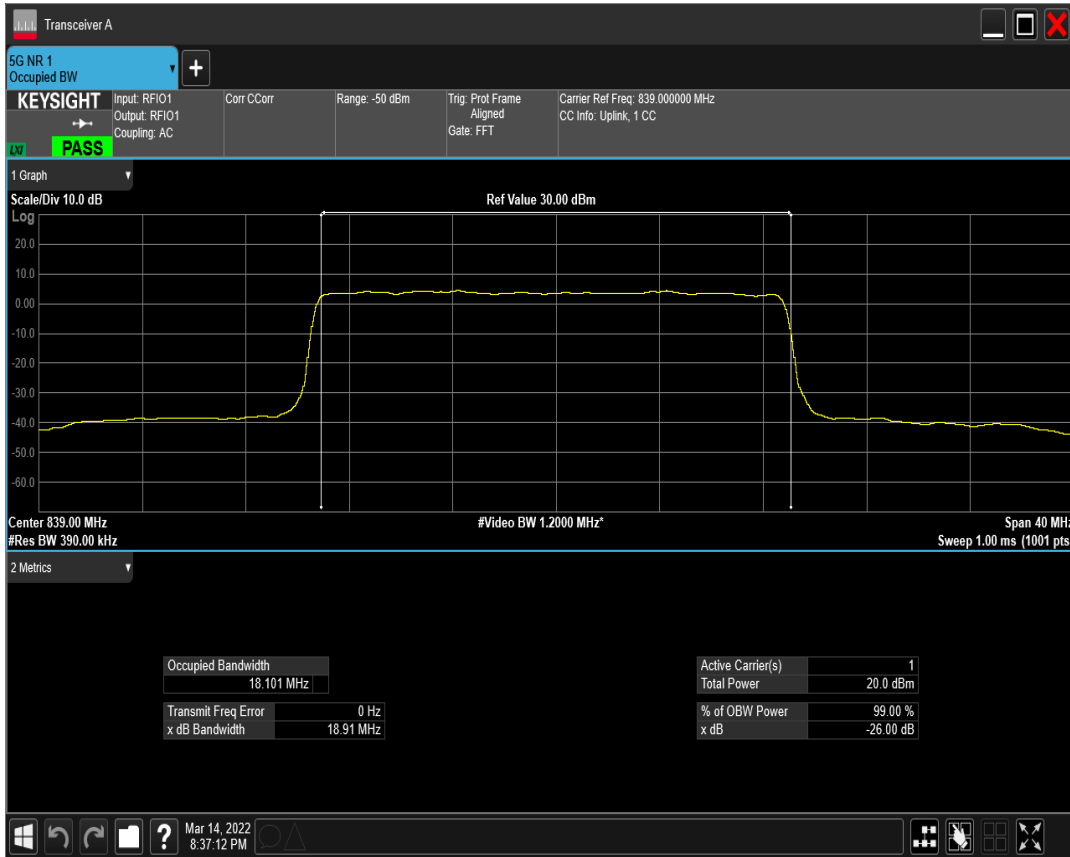
n5 SCS=30kHz DFT_QPSK BW=20MHz Channel=167800 RB=50@0



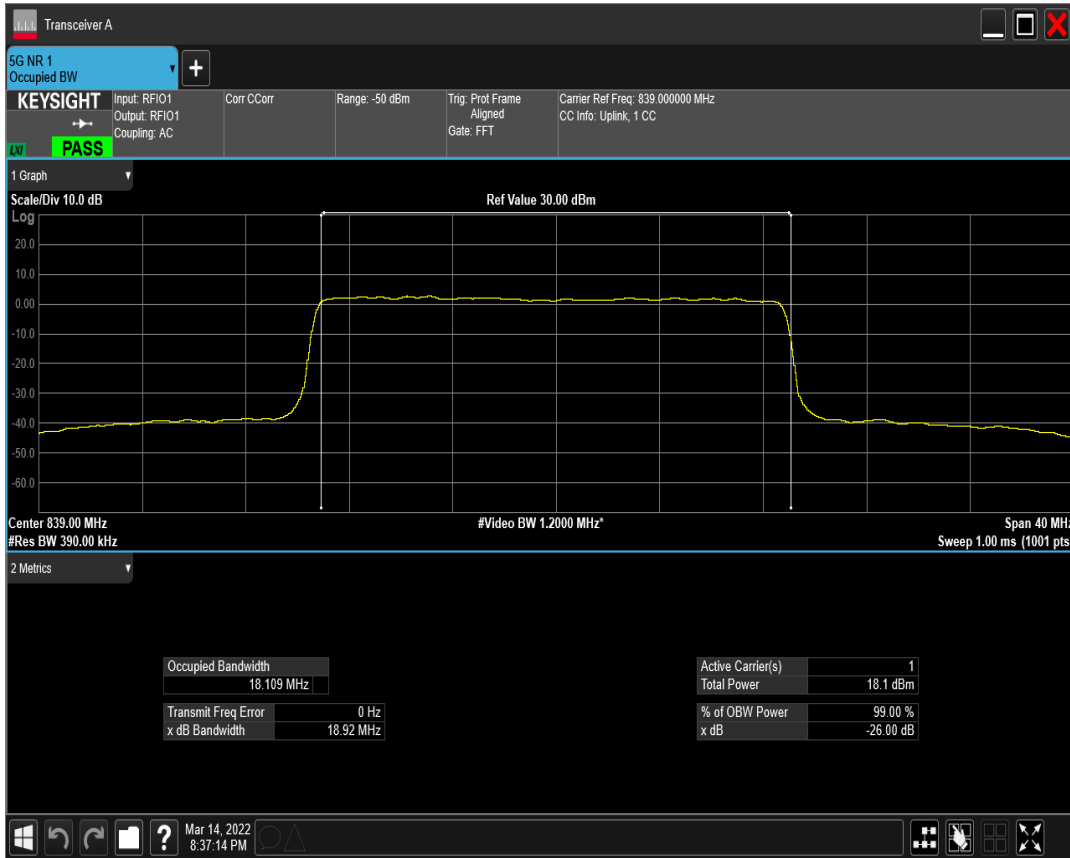
n5 SCS=30kHz DFT_QAM16 BW=20MHz Channel=167800 RB=50@0



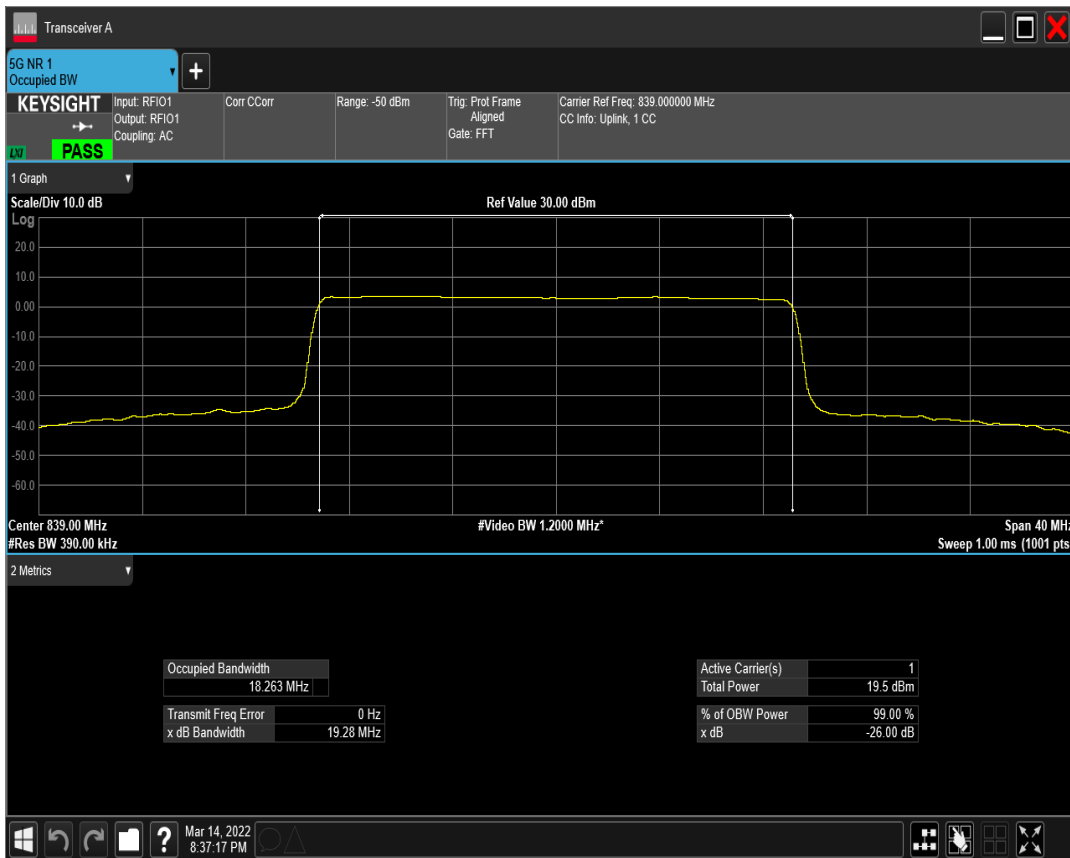
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n5 SCS=30kHz DFT_QAM256 BW=20MHz Channel=167800 RB=50@0



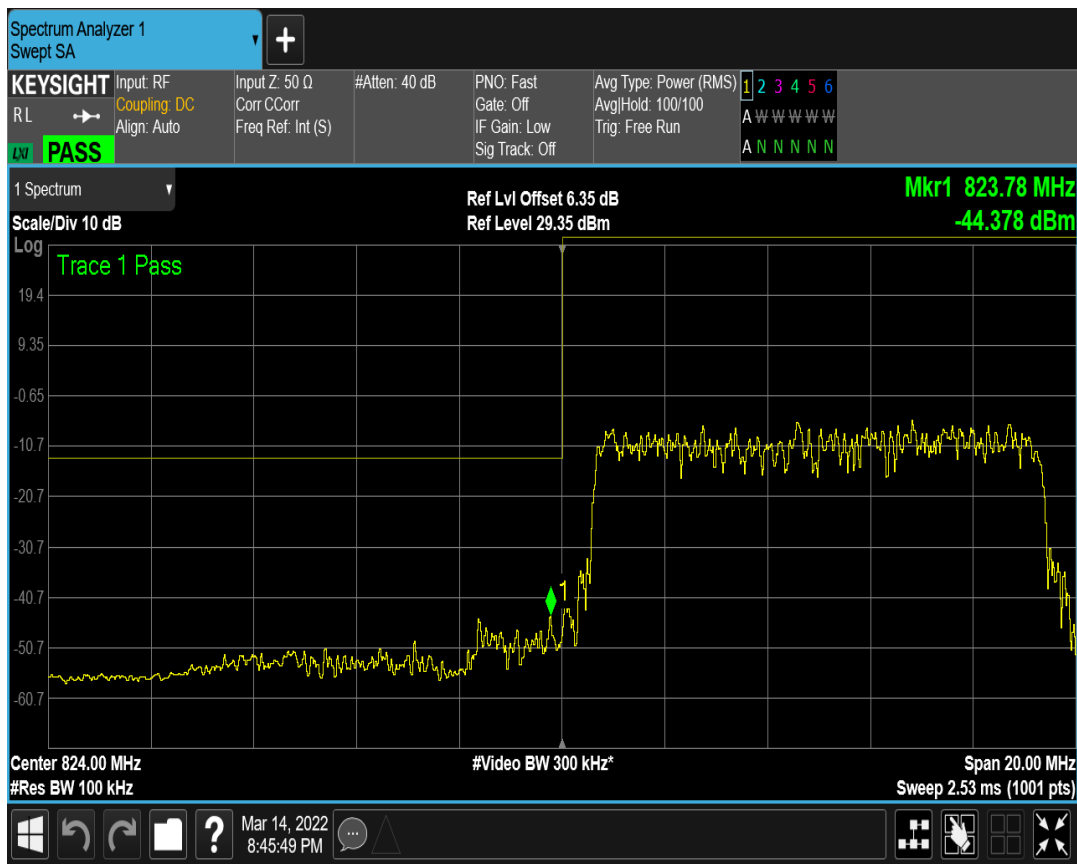
n5 SCS=30kHz CP_QPSK BW=20MHz Channel=167800 RB=51 @0



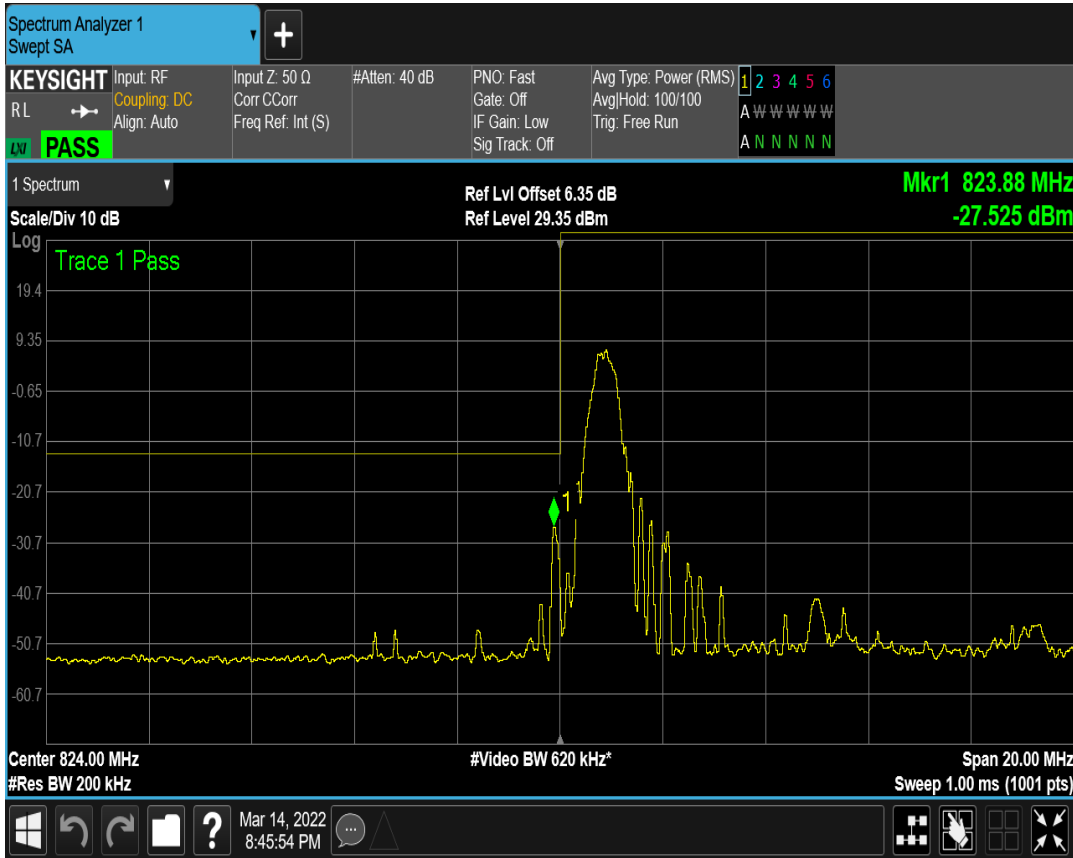
5 Band edge for NR FR1

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	823.78	-44.37	-13	PASS
n5	30	10	165800	1@0	DFT_QPSK	823.88	-27.52	-13	PASS
n5	30	10	168800	24@0	DFT_QPSK	849.04	-39.49	-13	PASS
n5	30	10	168800	1@23	DFT_QPSK	849.00	-28.92	-13	PASS
n5	30	20	166800	50@0	DFT_QPSK	821.92	-44.34	-13	PASS
n5	30	20	166800	1@0	DFT_QPSK	823.84	-39.46	-13	PASS
n5	30	20	167800	50@0	DFT_QPSK	849.68	-49.71	-13	PASS
n5	30	20	167800	1@50	DFT_QPSK	849.00	-31.23	-13	PASS

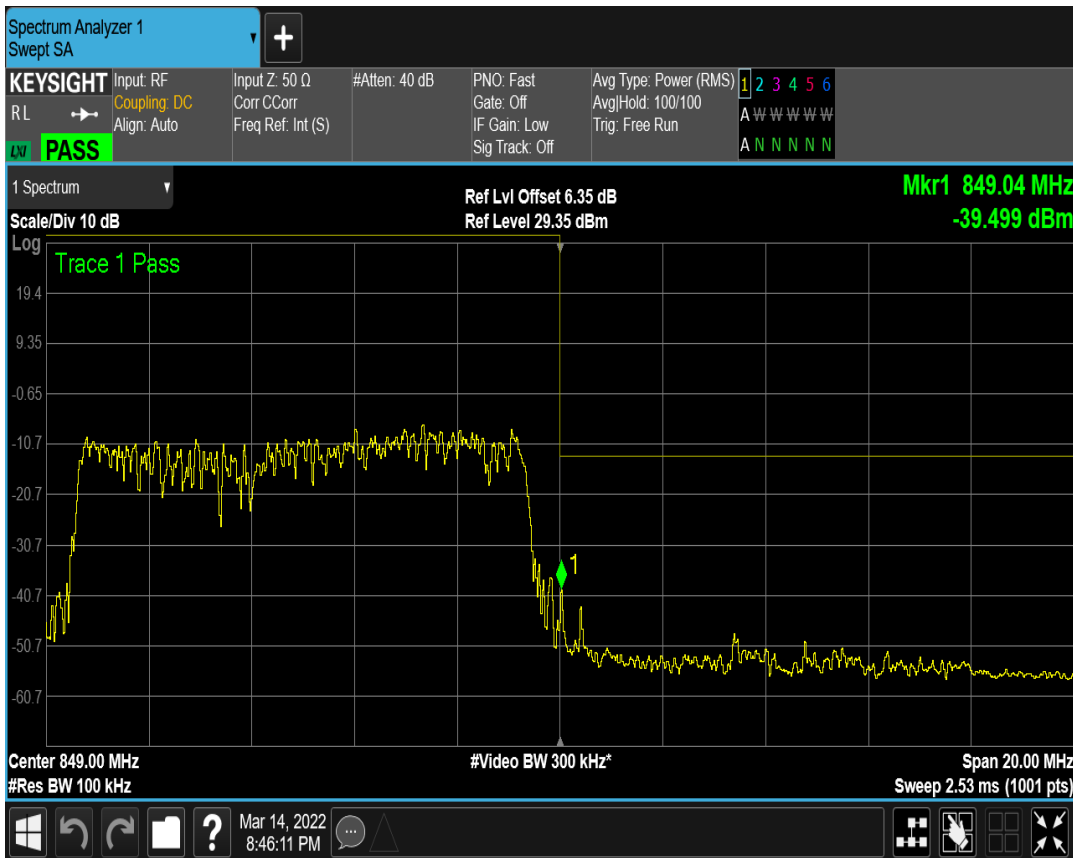
n5 SCS=30kHz DFT_QPSK BW=10MHz Channel=165800 RB=24@0



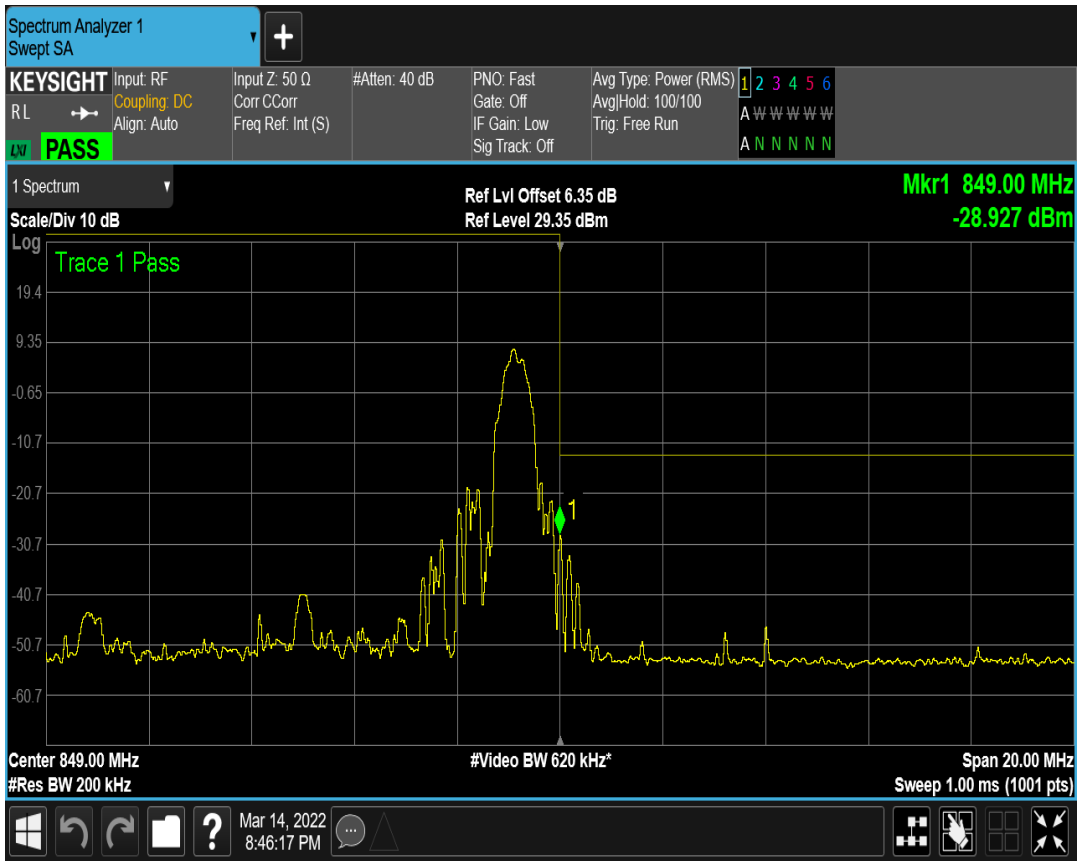
n5 SCS=30kHz DFT_QPSK BW=10MHz Channel=165800 RB=1@0



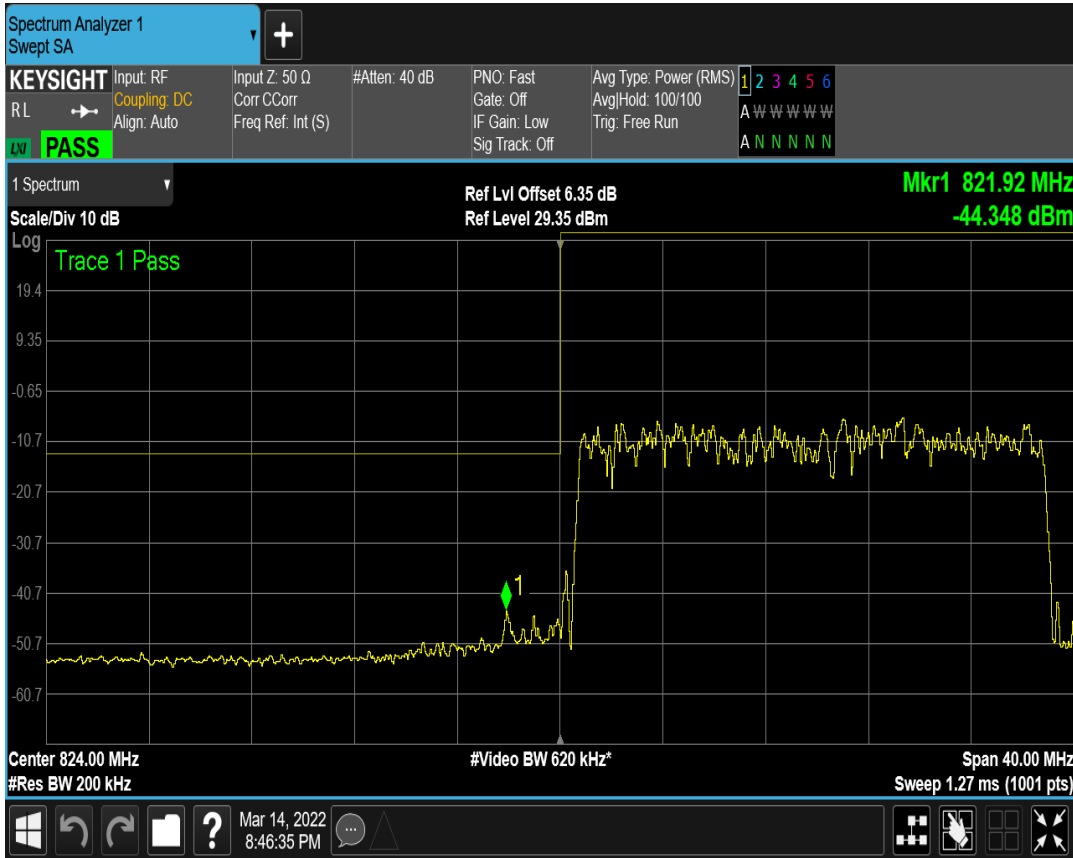
n5 SCS=30kHz DFT_QPSK BW=10MHz Channel=168800 RB=24@0



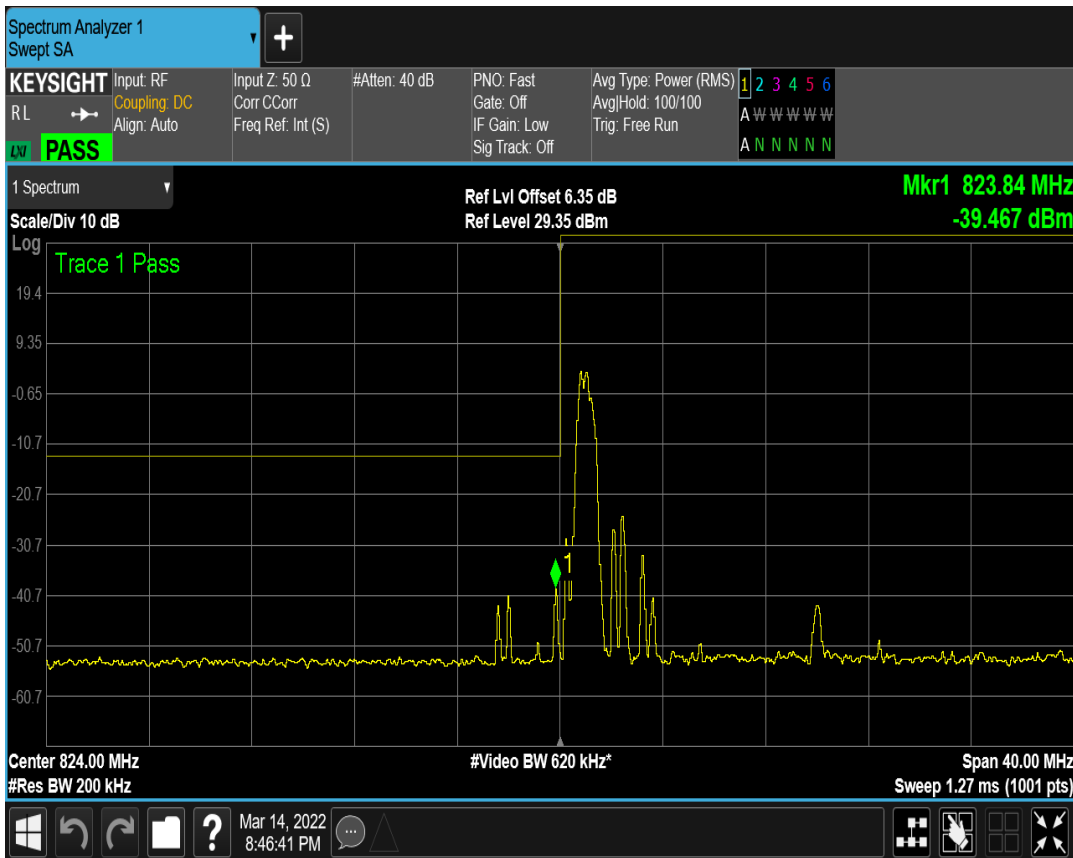
n5 SCS=30kHz DFT_QPSK BW=10MHz Channel=168800 RB=1@23



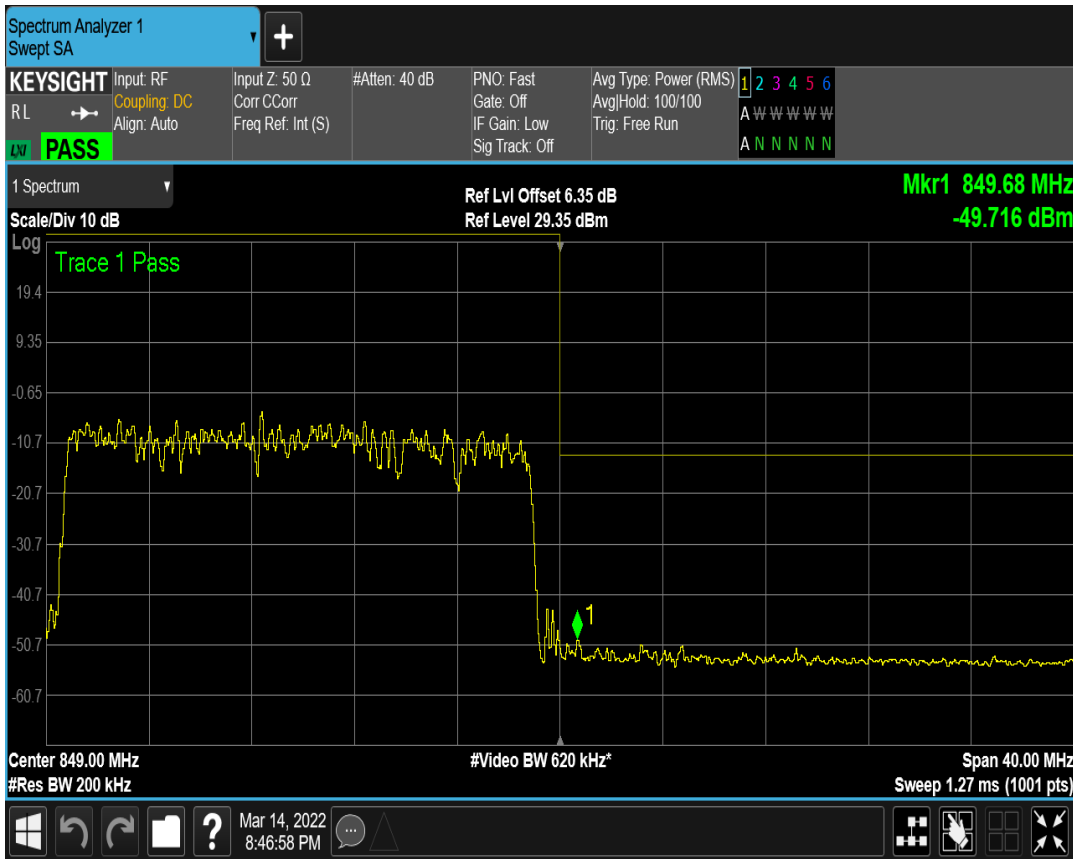
n5 SCS=30kHz DFT_QPSK BW=20MHz Channel=166800 RB=50@0



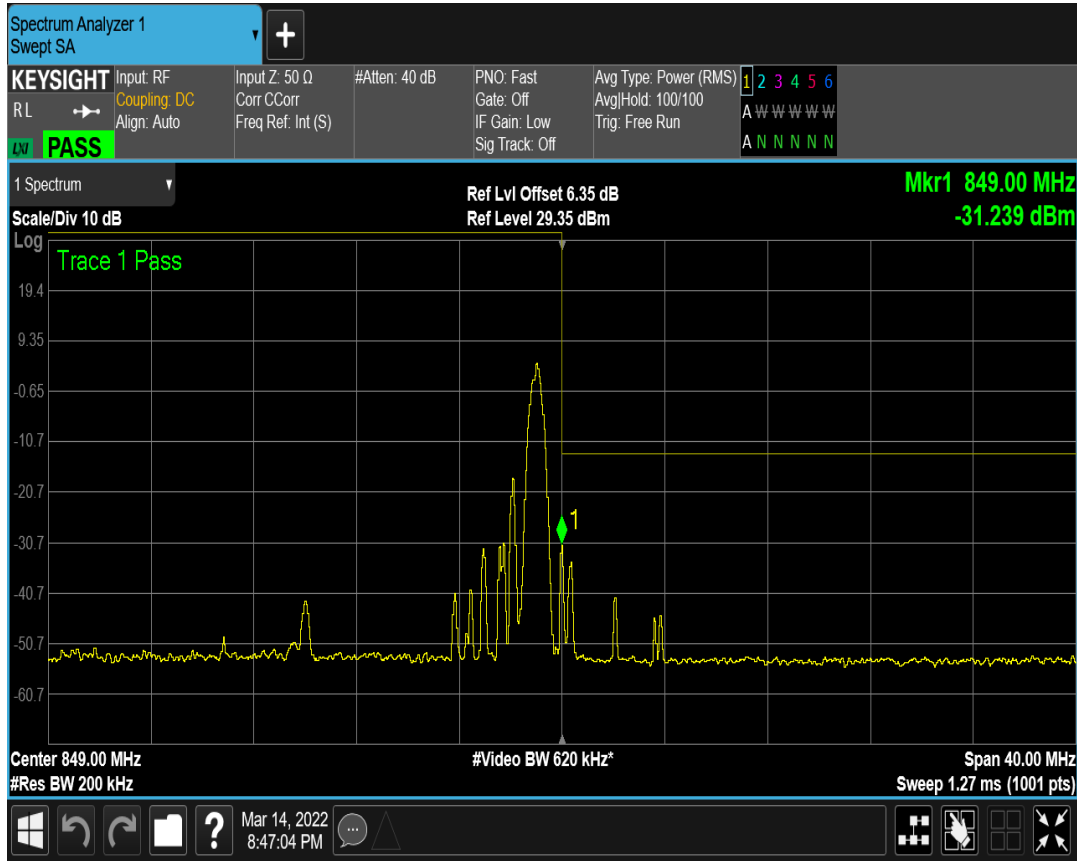
n5 SCS=30kHz DFT_QPSK BW=20MHz Channel=166800 RB=1@0



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



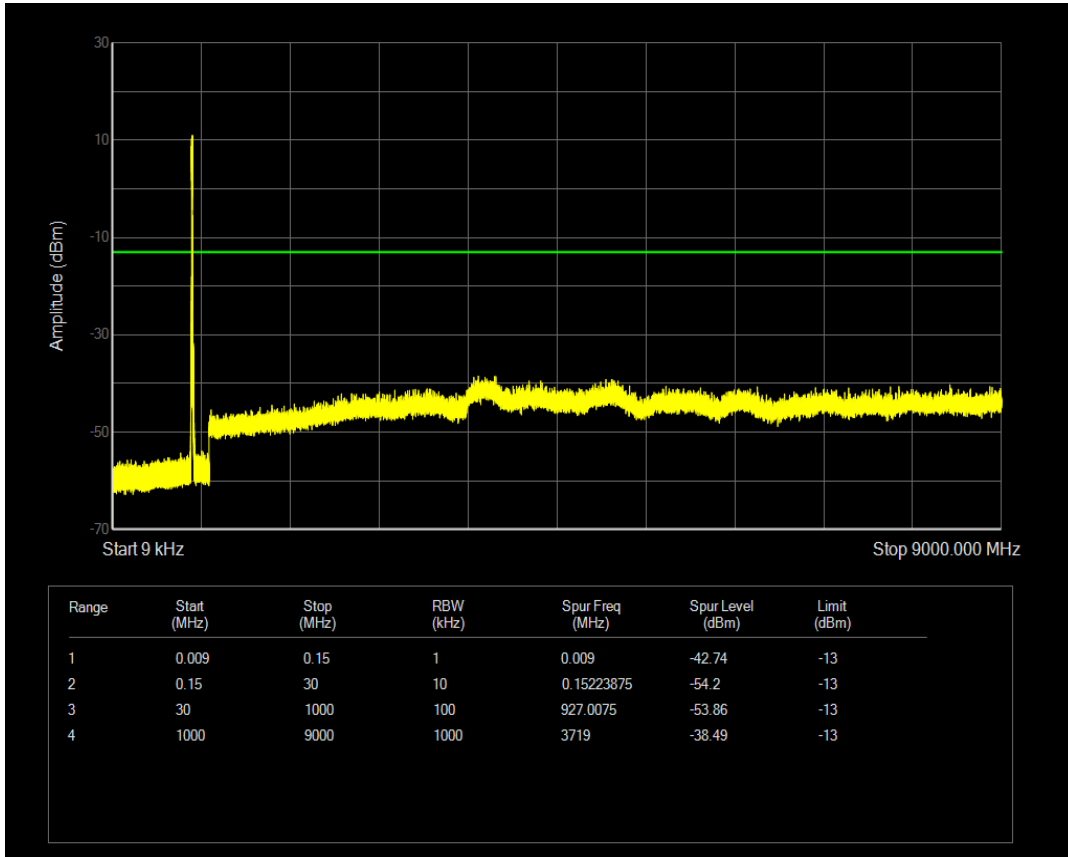
n5 SCS=30kHz DFT_QPSK BW=20MHz Channel=167800 RB=1@50



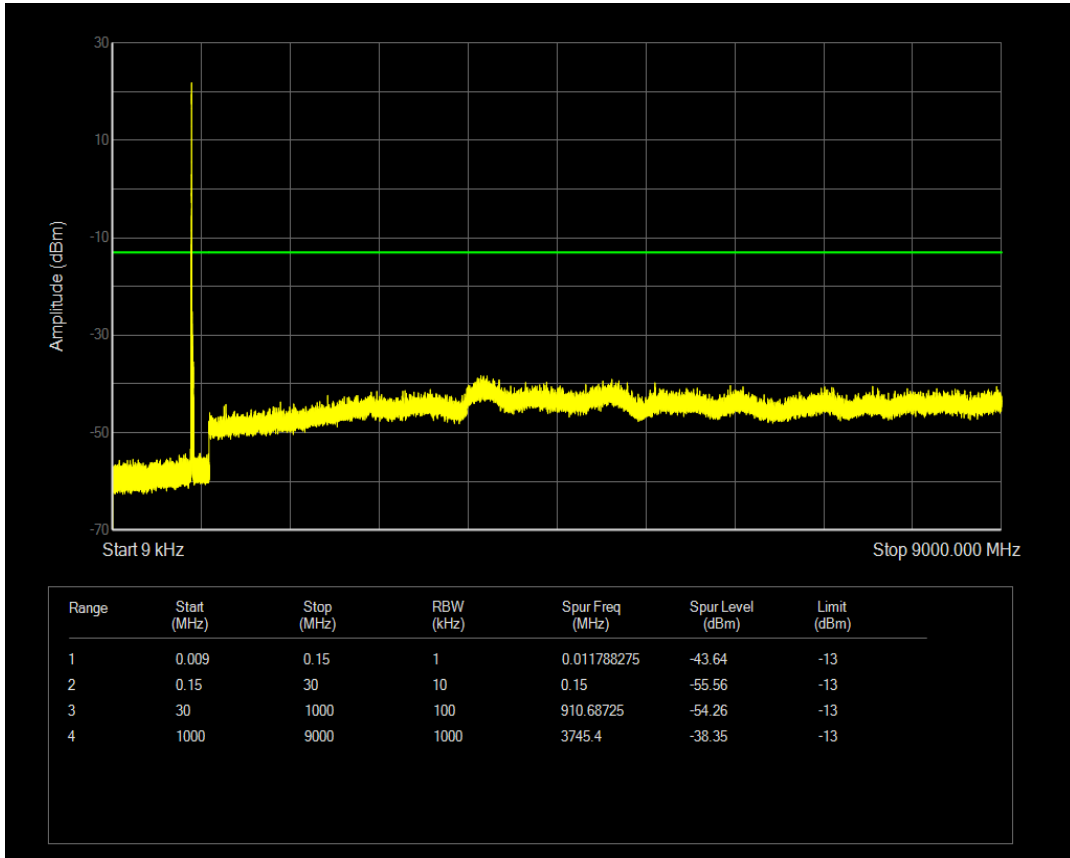
6 Out-of-band emissions for NR FR1

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	3719.00	-38.49	-13	PASS
n5	30	10	165800	1@0	DFT_QPSK	3745.40	-38.35	-13	PASS
n5	30	10	165800	1@23	DFT_QPSK	3777.40	-38.06	-13	PASS
n5	30	10	167300	24@0	DFT_QPSK	3764.60	-37.60	-13	PASS
n5	30	10	167300	1@0	DFT_QPSK	3787.60	-37.96	-13	PASS
n5	30	10	167300	1@23	DFT_QPSK	3752.00	-36.93	-13	PASS
n5	30	10	168800	24@0	DFT_QPSK	3799.60	-38.39	-13	PASS
n5	30	10	168800	1@0	DFT_QPSK	3744.40	-38.07	-13	PASS
n5	30	10	168800	1@23	DFT_QPSK	3842.80	-37.92	-13	PASS
n5	30	20	166800	50@0	DFT_QPSK	3833.20	-37.99	-13	PASS
n5	30	20	166800	1@0	DFT_QPSK	3684.20	-37.97	-13	PASS
n5	30	20	166800	1@50	DFT_QPSK	3772.00	-37.57	-13	PASS
n5	30	20	167300	50@0	DFT_QPSK	3865.00	-37.81	-13	PASS
n5	30	20	167300	1@0	DFT_QPSK	3786.40	-37.93	-13	PASS
n5	30	20	167300	1@50	DFT_QPSK	3649.00	-37.87	-13	PASS
n5	30	20	167800	50@0	DFT_QPSK	3845.20	-38.32	-13	PASS
n5	30	20	167800	1@0	DFT_QPSK	3772.80	-37.67	-13	PASS
n5	30	20	167800	1@50	DFT_QPSK	4987.20	-37.87	-13	PASS

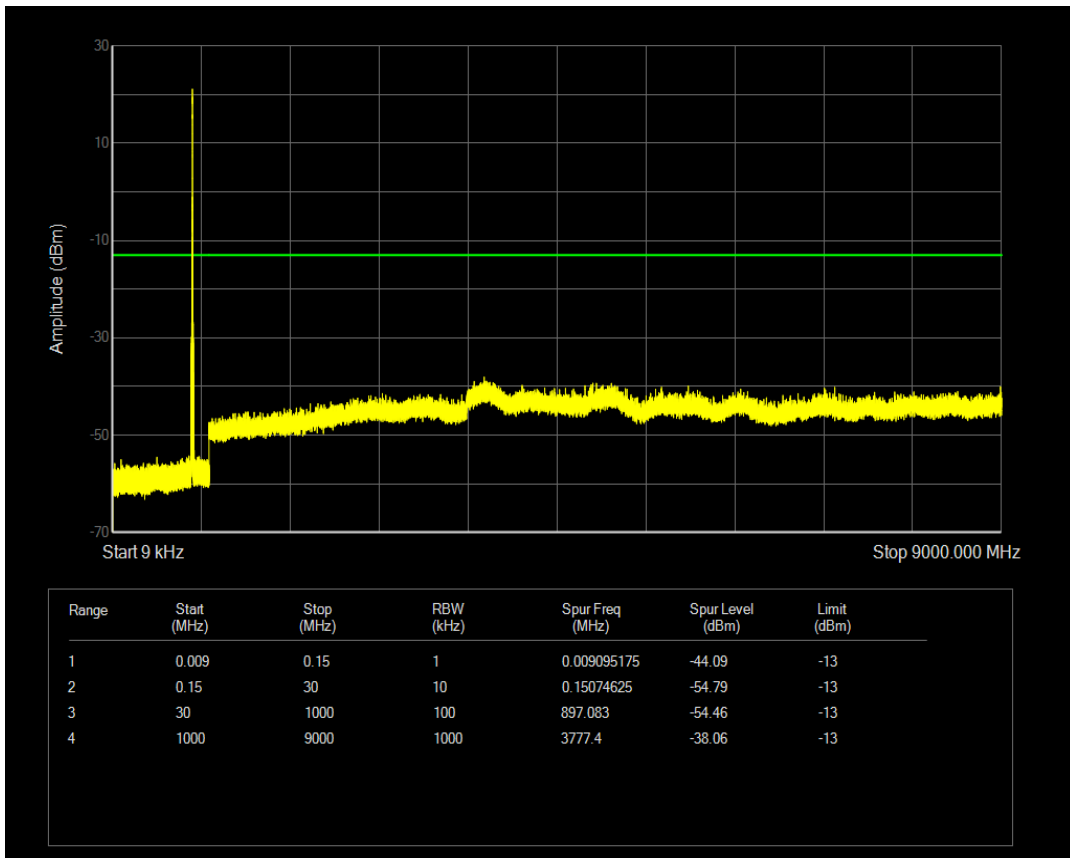
n5 SCS=30kHz DFT_QPSK BW=10MHz Channel=165800 RB=24@0



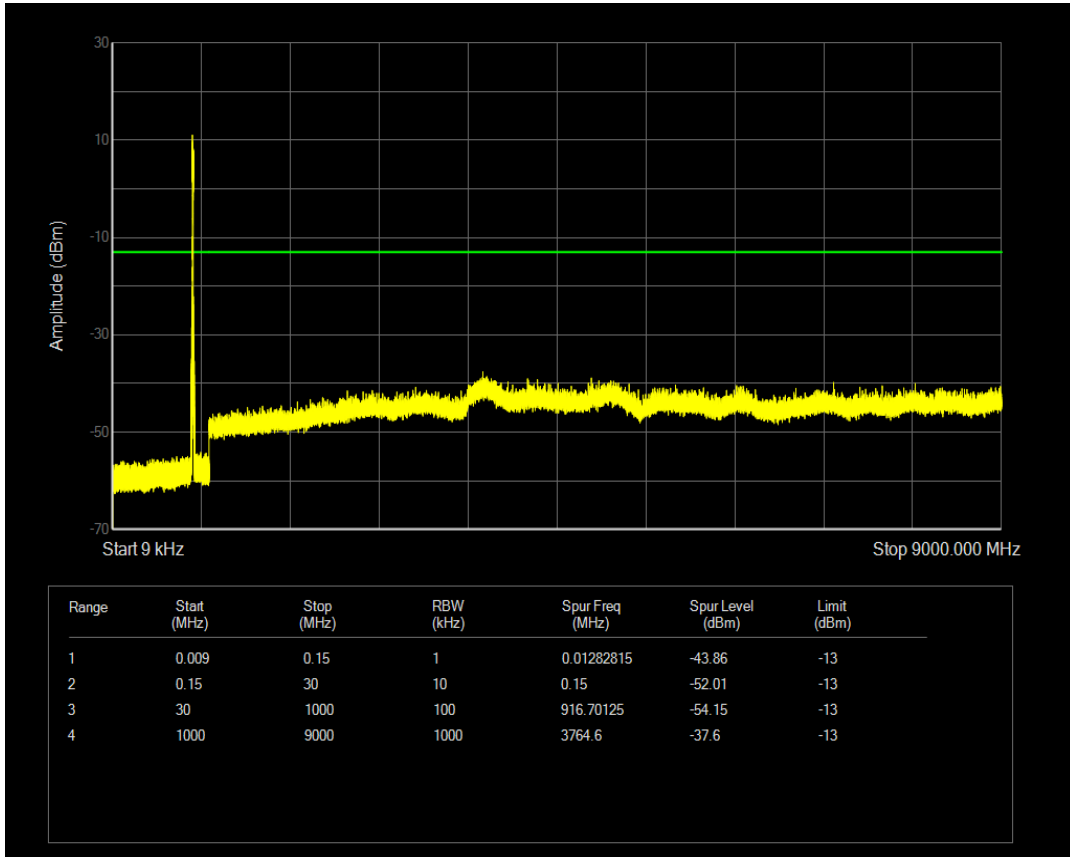
n5 SCS=30kHz DFT_QPSK BW=10MHz Channel=165800 RB=1@0



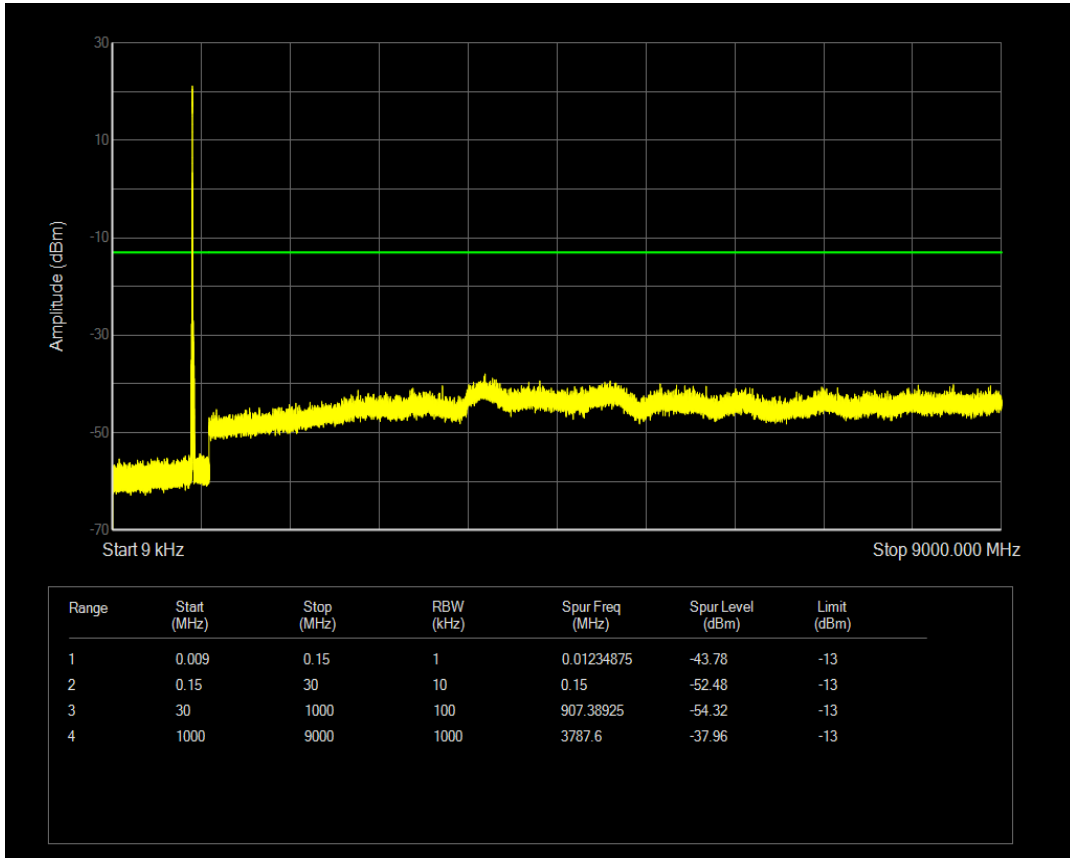
n5 SCS=30kHz DFT_QPSK BW=10MHz Channel=165800 RB=1@23



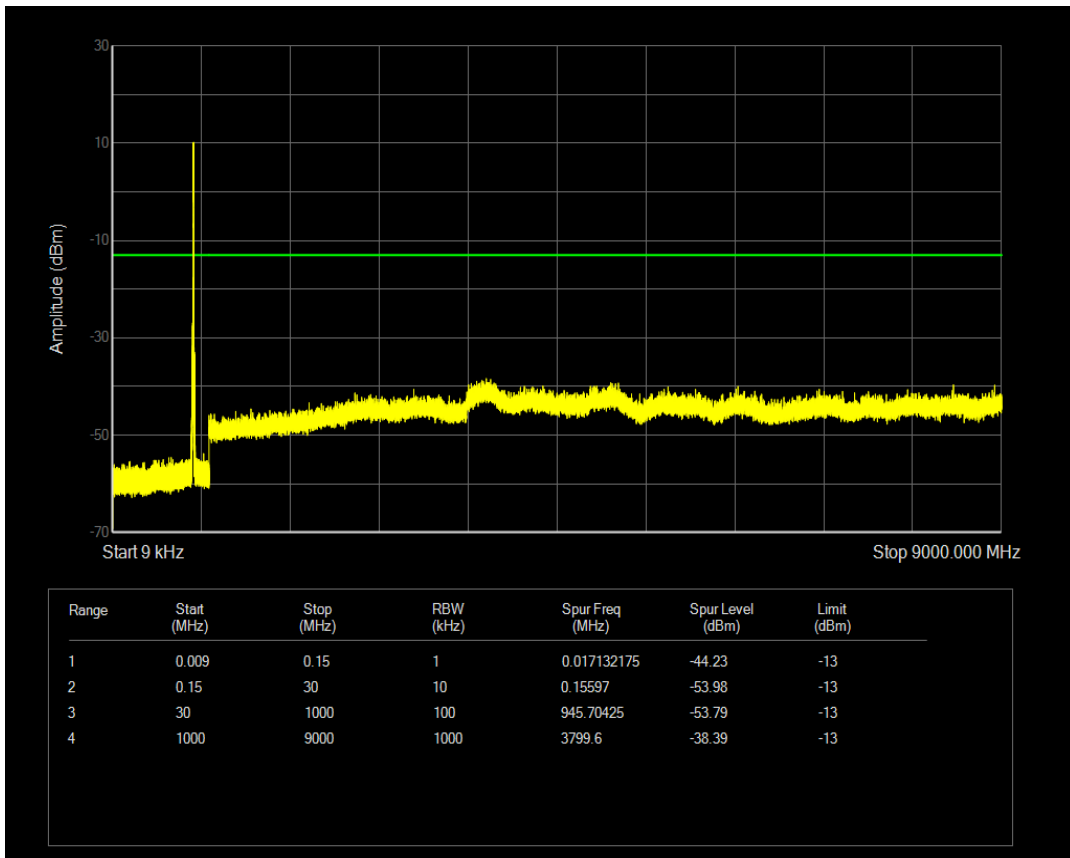
n5 SCS=30kHz DFT_QPSK BW=10MHz Channel=167300 RB=24@0



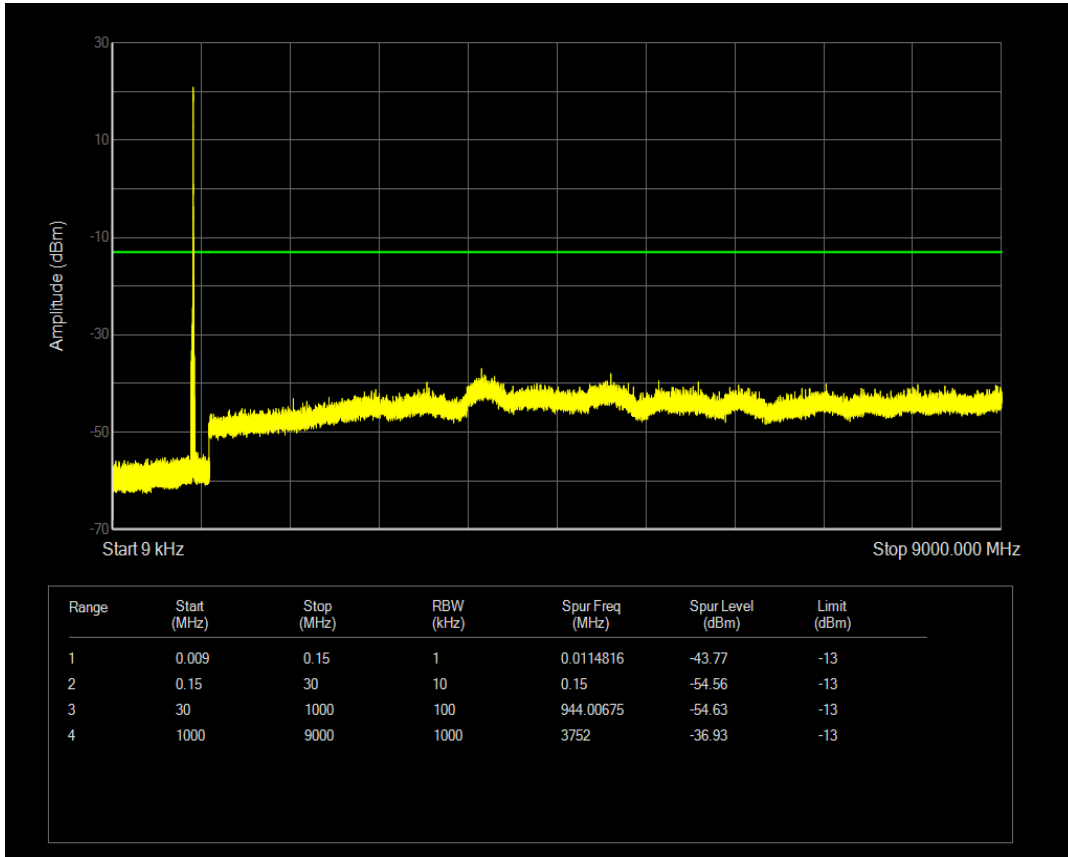
n5 SCS=30kHz DFT_QPSK BW=10MHz Channel=167300 RB=1@0



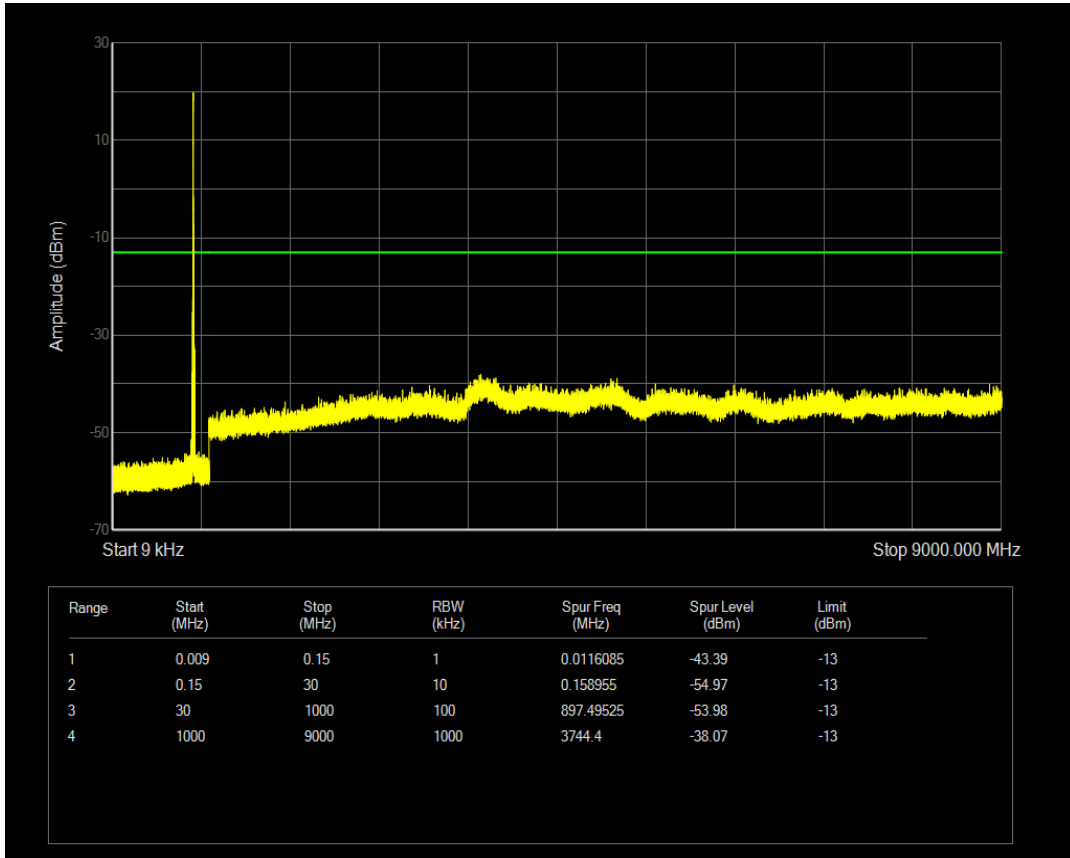
n5 SCS=30kHz DFT_QPSK BW=10MHz Channel=168800 RB=24@0



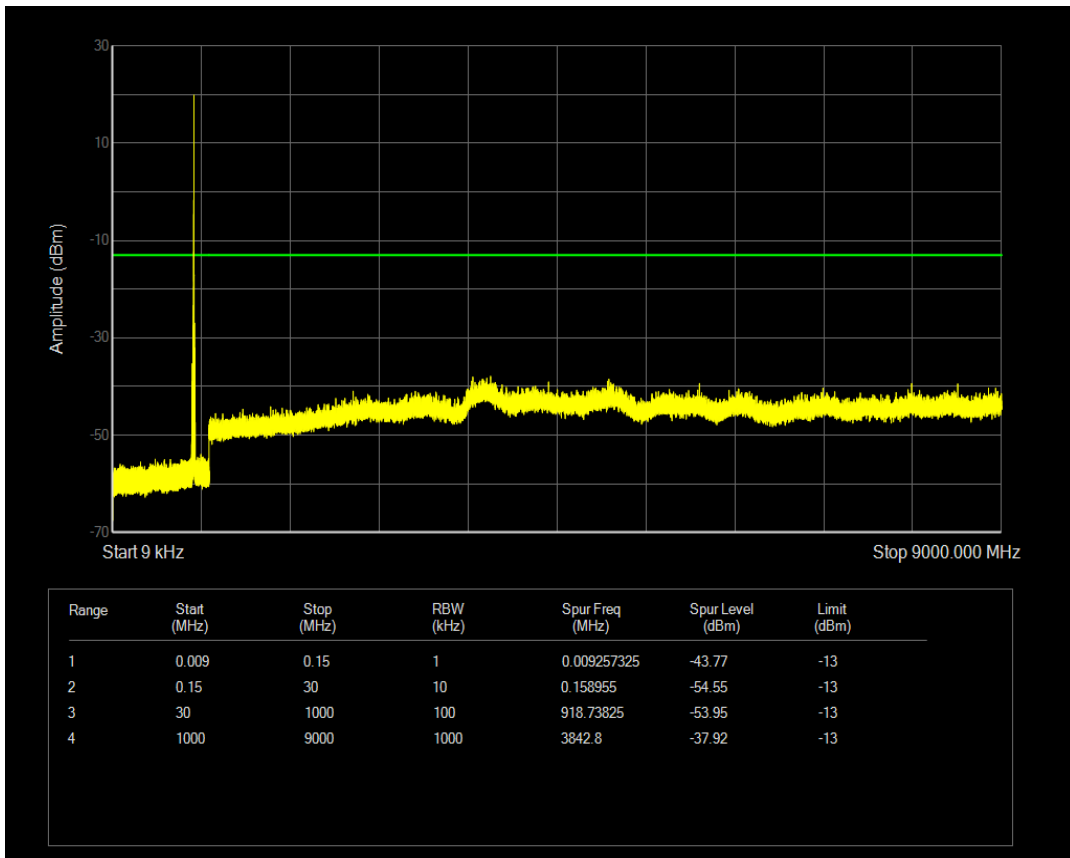
n5 SCS=30kHz DFT_QPSK BW=10MHz Channel=167300 RB=1@23



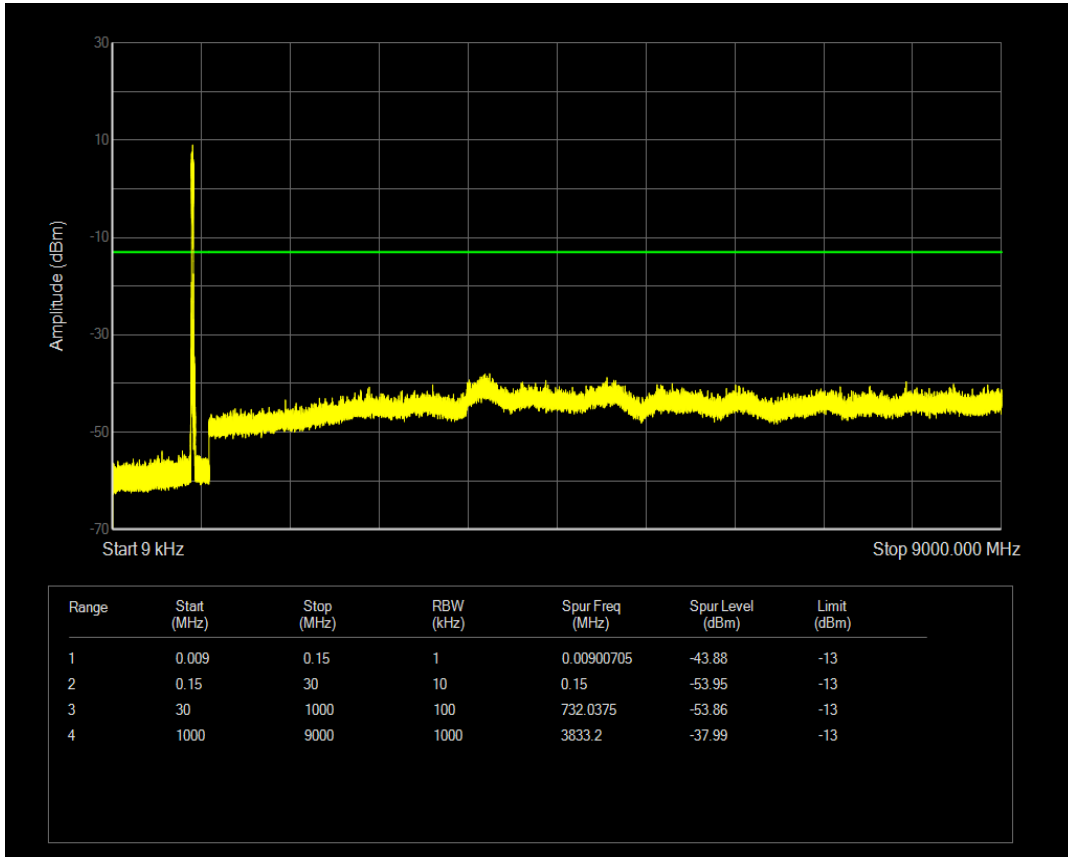
n5 SCS=30kHz DFT_QPSK BW=10MHz Channel=168800 RB=1@0



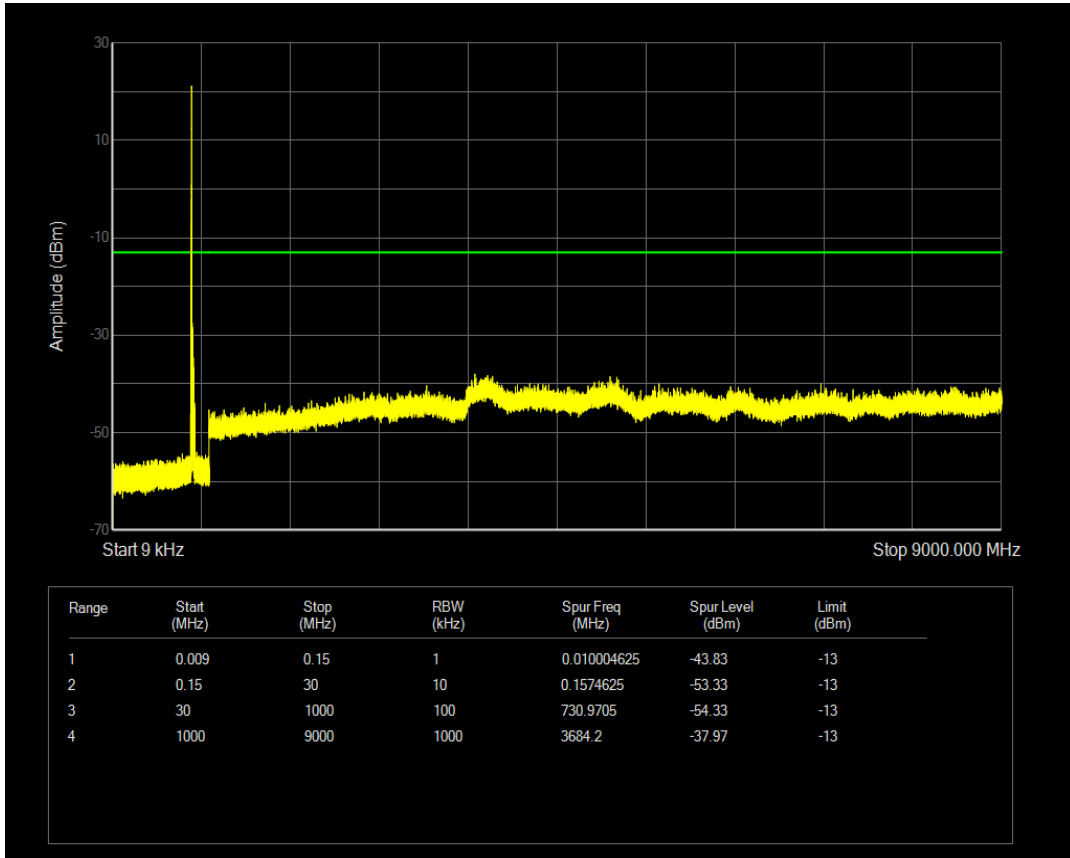
n5 SCS=30kHz DFT_QPSK BW=10MHz Channel=168800 RB=1@23



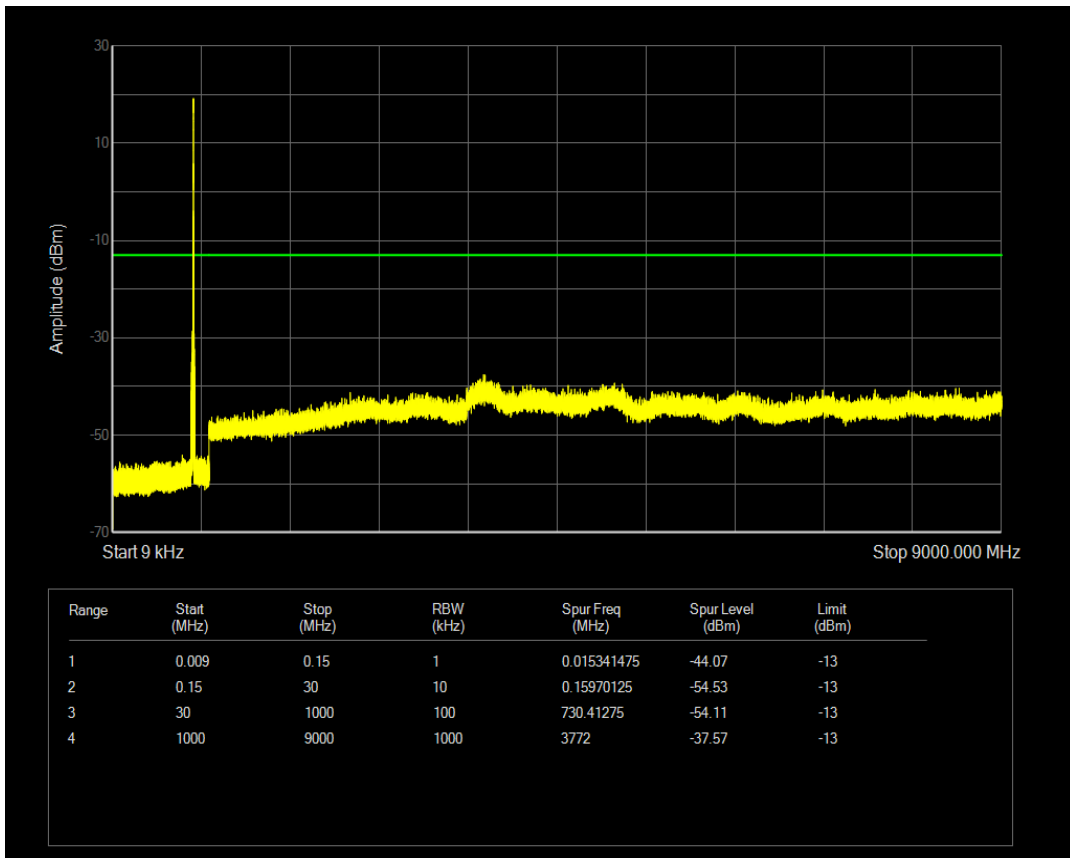
n5 SCS=30kHz DFT_QPSK BW=20MHz Channel=166800 RB=50@0



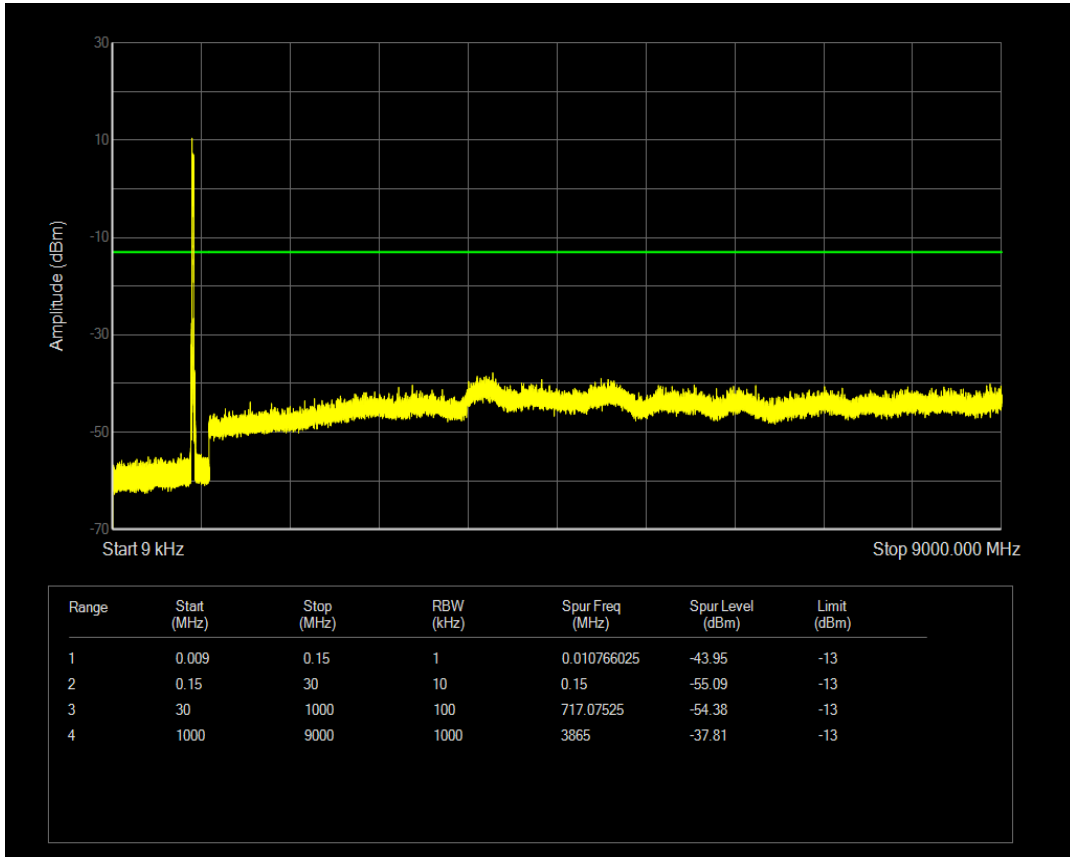
n5 SCS=30kHz DFT_QPSK BW=20MHz Channel=166800 RB=1@0



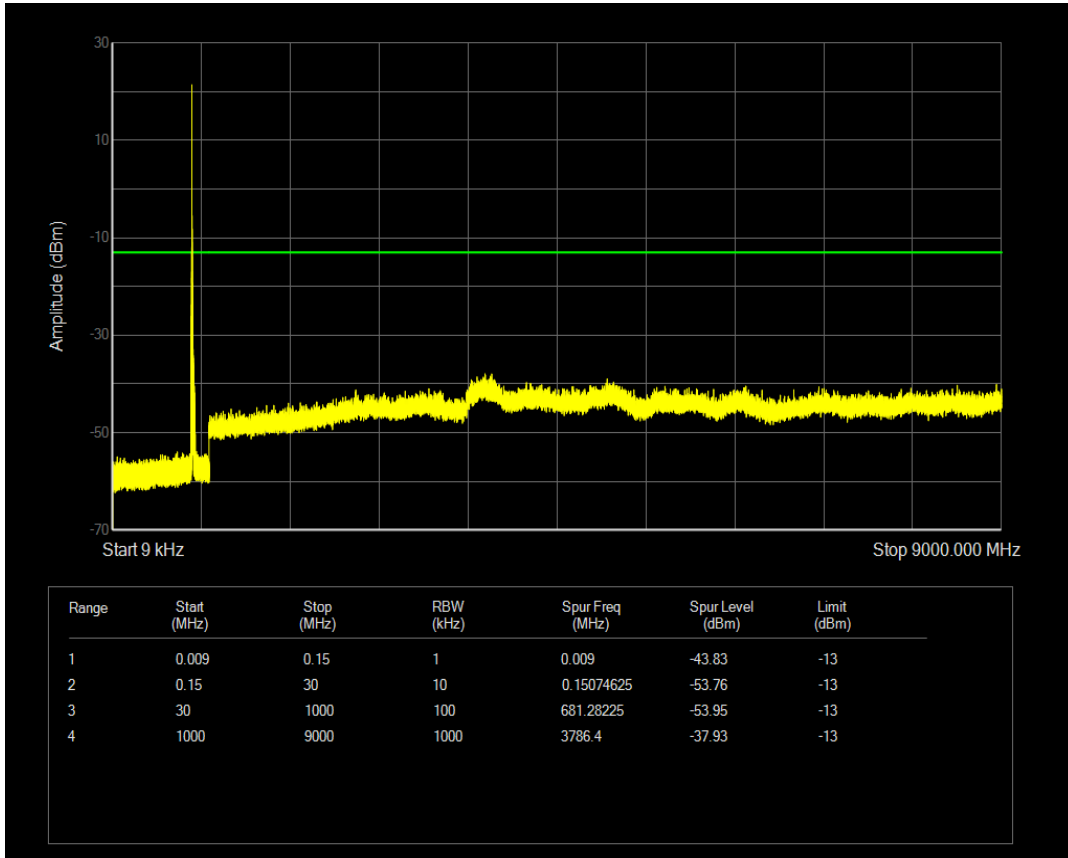
n5 SCS=30kHz DFT_QPSK BW=20MHz Channel=166800 RB=1@50



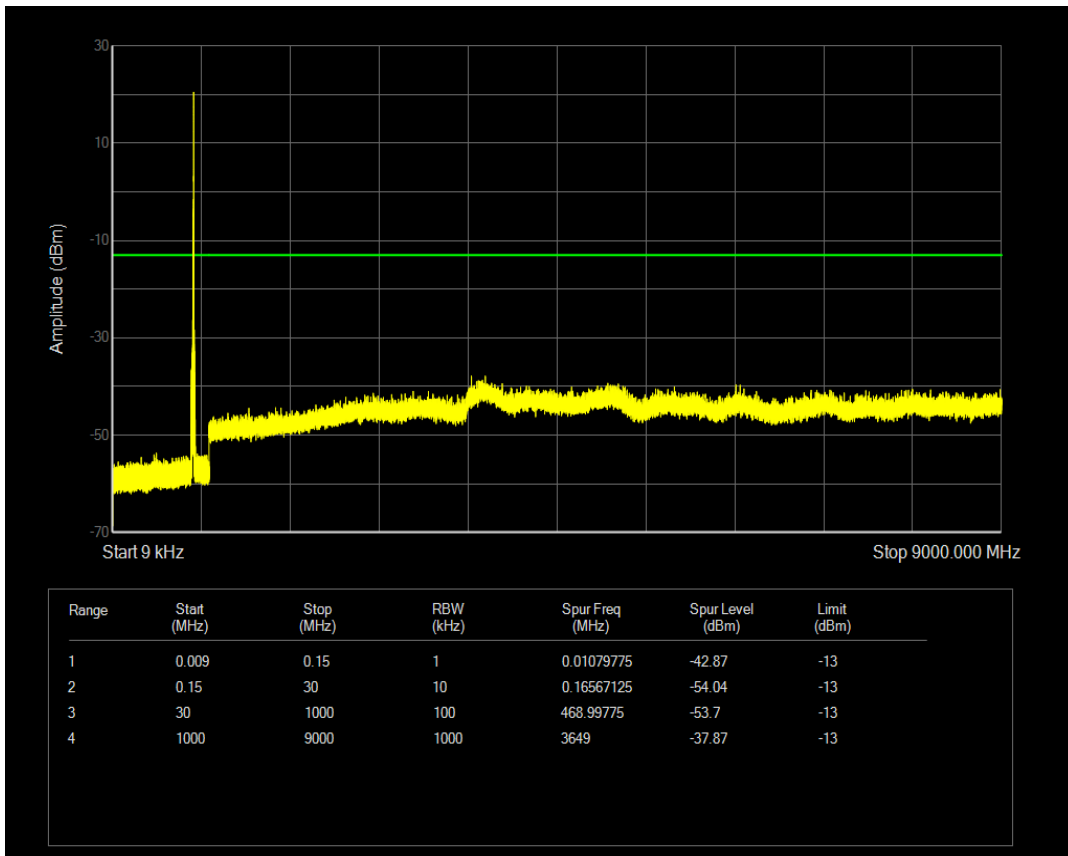
n5 SCS=30kHz DFT_QPSK BW=20MHz Channel=167300 RB=50@0



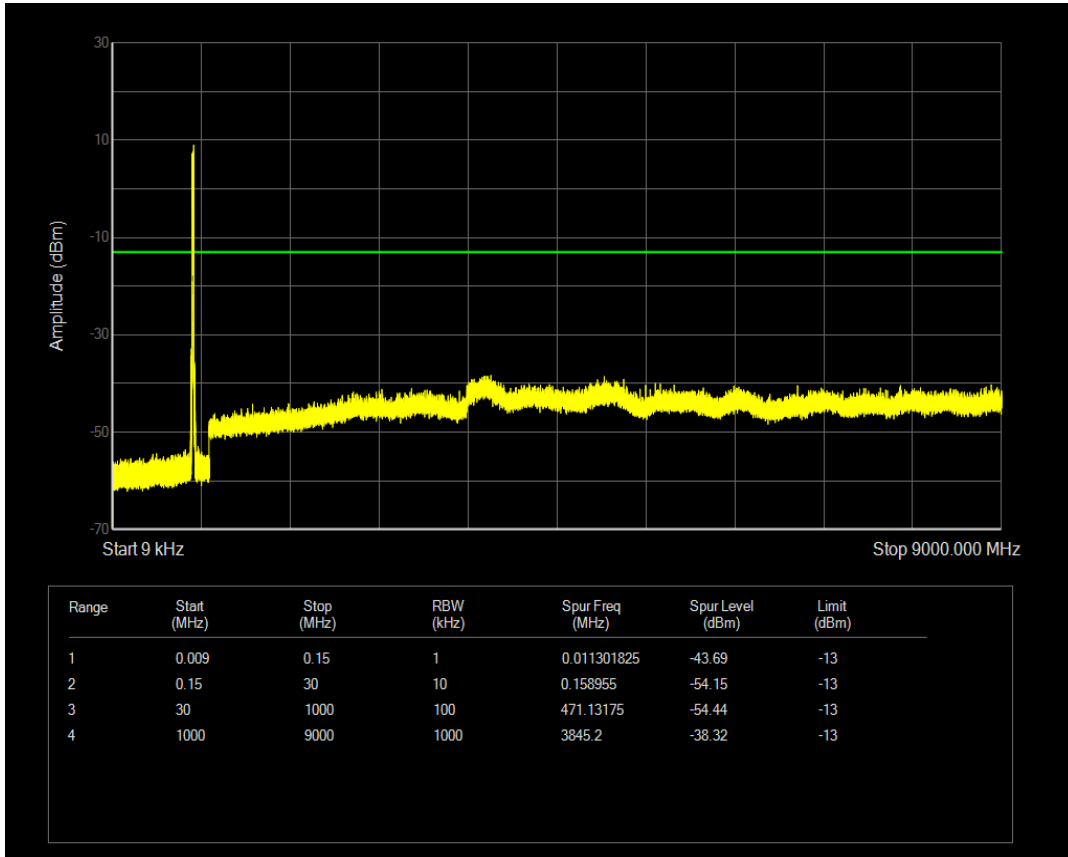
n5 SCS=30kHz DFT_QPSK BW=20MHz Channel=167300 RB=1@0



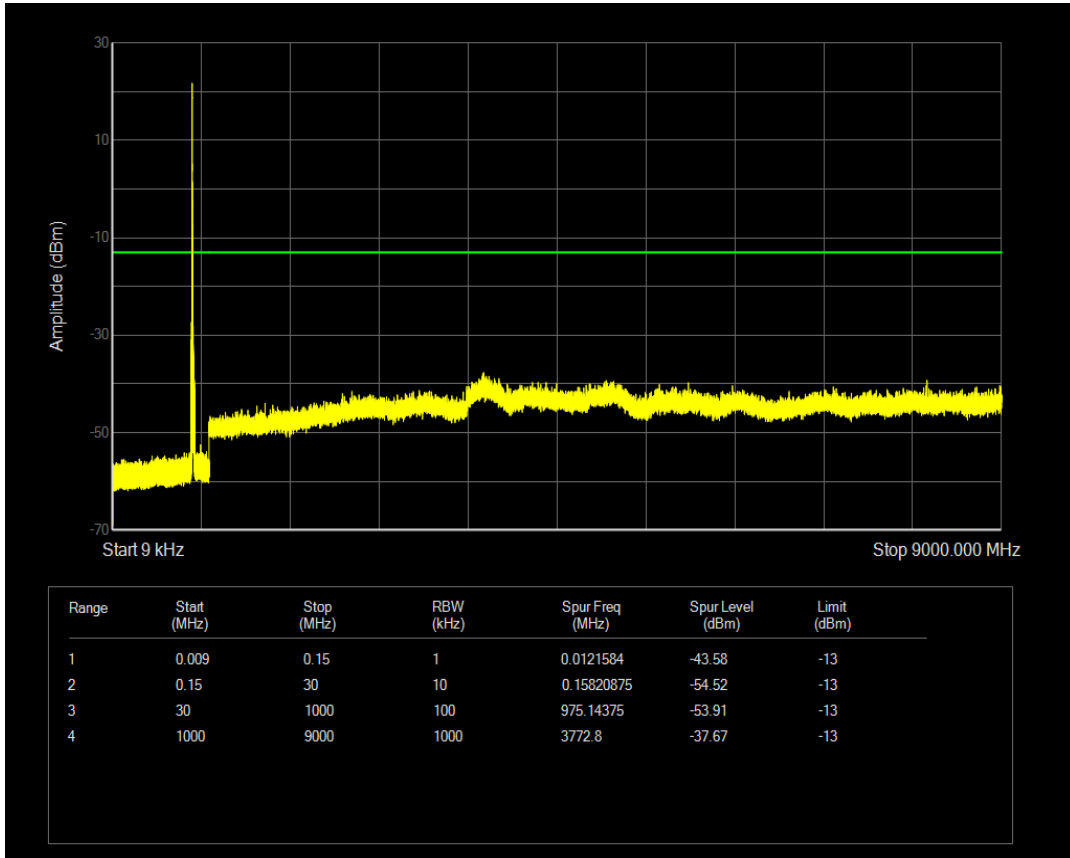
n5 SCS=30kHz DFT_QPSK BW=20MHz Channel=167300 RB=1@50



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

