

1 Conducted output power for NR FR1

NR Band n77(3700-3980) SCS 15KHz											
BW (MHz)	Modulation	RB Allocation	Conducted Power(dBm)			Ant gain (dBi)	EIRP(dBm)			Limit (dBm)	Verdict
			Channel/Frequency(MHz)				Channel/Frequency(MHz)				
			648334	656000	663666		648334	656000	663666		
			3725.0 10	3840.0 00	3954.9 90		3725.0 10	3840.0 00	3954.9 90		
50	DFT_BPSK	135@67	23.32	23.80	23.76	0.2	23.52	24.00	23.96	33.01	Pass
50	DFT_BPSK	1@1	23.73	23.19	23.74	0.2	23.93	23.39	23.94		Pass
50	DFT_BPSK	1@268	23.34	23.23	23.67	0.2	23.54	23.43	23.87		Pass
50	DFT_QPSK	135@67	23.29	23.49	23.78	0.2	23.49	23.69	23.98		Pass
50	DFT_QPSK	1@1	23.78	23.09	23.67	0.2	23.98	23.29	23.87		Pass
50	DFT_QPSK	1@268	23.60	23.11	23.19	0.2	23.80	23.31	23.39		Pass
50	DFT_QAM16	135@67	22.22	22.38	22.23	0.2	22.42	22.58	22.43		Pass
50	DFT_QAM16	1@1	22.23	22.30	22.03	0.2	22.43	22.50	22.23		Pass
50	DFT_QAM16	1@268	22.14	22.37	22.34	0.2	22.34	22.57	22.54		Pass
50	DFT_QAM64	135@67	21.37	21.03	21.26	0.2	21.57	21.23	21.46		Pass
50	DFT_QAM64	1@1	21.43	21.32	21.37	0.2	21.63	21.52	21.57		Pass
50	DFT_QAM64	1@268	21.39	21.27	21.33	0.2	21.59	21.47	21.53		Pass
50	DFT_QAM256	135@67	19.01	19.19	19.06	0.2	19.21	19.39	19.26		Pass
50	DFT_QAM256	1@1	19.45	19.36	19.21	0.2	19.65	19.56	19.41		Pass
50	DFT_QAM256	1@268	19.41	19.12	19.45	0.2	19.61	19.32	19.65		Pass
50	CP_QPSK	135@67	21.22	21.21	21.38	0.2	21.42	21.41	21.58		Pass
50	CP_QPSK	1@1	21.21	21.29	21.38	0.2	21.41	21.49	21.58		Pass
50	CP_QPSK	1@268	21.23	21.30	21.20	0.2	21.43	21.50	21.40		Pass
50	CP_QAM16	135@67	21.17	21.42	21.09	0.2	21.37	21.62	21.29		Pass
50	CP_QAM16	1@1	21.16	21.42	21.14	0.2	21.36	21.62	21.34		Pass
50	CP_QAM16	1@268	21.23	21.18	21.13	0.2	21.43	21.38	21.33		Pass
50	CP_QAM64	135@67	19.29	19.19	19.19	0.2	19.49	19.39	19.39		Pass
50	CP_QAM64	1@1	19.07	19.05	19.39	0.2	19.27	19.25	19.59		Pass
50	CP_QAM64	1@268	19.09	19.36	19.44	0.2	19.29	19.56	19.64		Pass
50	CP_QAM256	135@67	17.38	17.12	17.16	0.2	17.58	17.32	17.36		Pass
50	CP_QAM256	1@1	17.21	17.04	17.24	0.2	17.41	17.24	17.44		Pass
50	CP_QAM256	1@268	17.05	17.03	17.43	0.2	17.25	17.23	17.63		Pass

NR Band n77(3700-3980) SCS 15KHz											
BW (MHz)	Modulation	RB Allocation	Conducted Power(dBm)			Ant gain (dBi)	EIRP(dBm)			Limit (dBm)	Verdict
			Channel/Frequency(MHz)				Channel/Frequency(MHz)				
			648000	656000	664000		648000	656000	664000		
			3720.0 00	3840.0 00	3960.0 00		3720.0 00	3840.0 00	3960.0 00		
40	DFT_BPSK	108@54	23.10	23.47	23.32	0.2	23.30	23.67	23.52	33.01	Pass
40	DFT_BPSK	1@1	23.00	23.92	23.68	0.2	23.20	24.12	23.88		Pass
40	DFT_BPSK	1@214	23.50	23.21	23.92	0.2	23.70	23.41	24.12		Pass
40	DFT_QPSK	108@54	23.32	23.33	23.09	0.2	23.52	23.53	23.29		Pass
40	DFT_QPSK	1@1	23.46	23.73	23.76	0.2	23.66	23.93	23.96		Pass
40	DFT_QPSK	1@214	23.56	23.59	23.02	0.2	23.76	23.79	23.22		Pass
40	DFT_QAM16	108@54	22.14	22.26	22.20	0.2	22.34	22.46	22.40		Pass
40	DFT_QAM16	1@1	22.34	22.12	22.10	0.2	22.54	22.32	22.30		Pass
40	DFT_QAM16	1@214	22.04	22.13	22.27	0.2	22.24	22.33	22.47		Pass
40	DFT_QAM64	108@54	21.12	21.28	21.24	0.2	21.32	21.48	21.44		Pass
40	DFT_QAM64	1@1	21.21	21.38	21.27	0.2	21.41	21.58	21.47		Pass
40	DFT_QAM64	1@214	21.12	21.21	21.23	0.2	21.32	21.41	21.43		Pass
40	DFT_QAM256	108@54	19.01	19.33	19.03	0.2	19.21	19.53	19.23		Pass
40	DFT_QAM256	1@1	19.04	19.30	19.32	0.2	19.24	19.50	19.52		Pass
40	DFT_QAM256	1@214	19.41	19.24	19.19	0.2	19.61	19.44	19.39		Pass
40	CP_QPSK	108@54	21.02	21.02	21.07	0.2	21.22	21.22	21.27		Pass
40	CP_QPSK	1@1	21.09	21.08	21.31	0.2	21.29	21.28	21.51		Pass
40	CP_QPSK	1@214	21.25	21.15	21.01	0.2	21.45	21.35	21.21		Pass
40	CP_QAM16	108@54	21.39	21.16	21.27	0.2	21.59	21.36	21.47		Pass
40	CP_QAM16	1@1	21.42	21.23	21.28	0.2	21.62	21.43	21.48		Pass
40	CP_QAM16	1@214	21.16	21.02	21.05	0.2	21.36	21.22	21.25		Pass
40	CP_QAM64	108@54	19.29	19.45	19.26	0.2	19.49	19.65	19.46		Pass
40	CP_QAM64	1@1	19.37	19.10	19.29	0.2	19.57	19.30	19.49		Pass
40	CP_QAM64	1@214	19.43	19.03	19.26	0.2	19.63	19.23	19.46		Pass
40	CP_QAM256	108@54	17.30	17.23	17.41	0.2	17.50	17.43	17.61		Pass
40	CP_QAM256	1@1	17.27	17.40	17.16	0.2	17.47	17.60	17.36		Pass
40	CP_QAM256	1@214	17.15	17.37	17.23	0.2	17.35	17.57	17.43		Pass

NR Band n77(3700-3980) SCS 15KHz											
BW (MHz)	Modulation	RB Allocation	Conducted Power(dBm)			Ant gain (dBi)	EIRP(dBm)			Limit (dBm)	Verdict
			Channel/Frequency(MHz)				Channel/Frequency(MHz)				
			647668	656000	664332		647668	656000	664332		
			3715.0 20	3840.0 00	3964.9 80		3715.0 20	3840.0 00	3964.9 80		
30	DFT_BPSK	80@40	23.61	23.52	23.58	0.2	23.81	23.72	23.78	33.01	Pass
30	DFT_BPSK	1@1	23.11	23.65	23.63	0.2	23.31	23.85	23.83		Pass
30	DFT_BPSK	1@158	23.17	23.32	23.25	0.2	23.37	23.52	23.45		Pass
30	DFT_QPSK	80@40	23.81	23.35	23.96	0.2	24.01	23.55	24.16		Pass
30	DFT_QPSK	1@1	23.03	23.18	23.03	0.2	23.23	23.38	23.23		Pass
30	DFT_QPSK	1@158	23.04	23.98	23.17	0.2	23.24	24.18	23.37		Pass
30	DFT_QAM16	80@40	22.42	22.18	22.06	0.2	22.62	22.38	22.26		Pass
30	DFT_QAM16	1@1	22.17	22.13	22.09	0.2	22.37	22.33	22.29		Pass
30	DFT_QAM16	1@158	22.30	22.24	22.18	0.2	22.50	22.44	22.38		Pass
30	DFT_QAM64	80@40	21.39	21.35	21.37	0.2	21.59	21.55	21.57		Pass
30	DFT_QAM64	1@1	21.34	21.18	21.11	0.2	21.54	21.38	21.31		Pass
30	DFT_QAM64	1@158	21.17	21.34	21.42	0.2	21.37	21.54	21.62		Pass
30	DFT_QAM256	80@40	19.13	19.03	19.45	0.2	19.33	19.23	19.65		Pass
30	DFT_QAM256	1@1	19.21	19.34	19.31	0.2	19.41	19.54	19.51		Pass
30	DFT_QAM256	1@158	19.35	19.26	19.14	0.2	19.55	19.46	19.34		Pass
30	CP_QPSK	80@40	21.20	21.38	21.05	0.2	21.40	21.58	21.25		Pass
30	CP_QPSK	1@1	21.21	21.16	21.25	0.2	21.41	21.36	21.45		Pass
30	CP_QPSK	1@158	21.34	21.32	21.07	0.2	21.54	21.52	21.27		Pass
30	CP_QAM16	80@40	21.01	21.16	21.28	0.2	21.21	21.36	21.48		Pass
30	CP_QAM16	1@1	21.45	21.06	21.29	0.2	21.65	21.26	21.49		Pass
30	CP_QAM16	1@158	21.38	21.32	21.06	0.2	21.58	21.52	21.26		Pass
30	CP_QAM64	80@40	19.27	19.08	19.01	0.2	19.47	19.28	19.21		Pass
30	CP_QAM64	1@1	19.11	19.41	19.04	0.2	19.31	19.61	19.24		Pass
30	CP_QAM64	1@158	19.16	19.01	19.13	0.2	19.36	19.21	19.33		Pass
30	CP_QAM256	80@40	17.37	17.21	17.18	0.2	17.57	17.41	17.38		Pass
30	CP_QAM256	1@1	17.22	17.04	17.36	0.2	17.42	17.24	17.56		Pass
30	CP_QAM256	1@158	17.31	17.22	17.16	0.2	17.51	17.42	17.36		Pass

NR Band n77(3700-3980) SCS 15KHz											
BW (MHz)	Modulation	RB Allocation	Conducted Power(dBm)			Ant gain (dBi)	EIRP(dBm)			Limit (dBm)	Verdict
			Channel/Frequency(MHz)				Channel/Frequency(MHz)				
			647334	656000	664666		647334	656000	664666		
			3710.0 10	3840.0 00	3969.9 90		3710.0 10	3840.0 00	3969.9 90		
20	DFT_BPSK	50@25	23.56	23.64	23.80	0.2	23.76	23.84	24.00	33.01	Pass
20	DFT_BPSK	1@1	23.71	23.09	23.98	0.2	23.91	23.29	24.18		Pass
20	DFT_BPSK	1@104	23.73	23.42	23.74	0.2	23.93	23.62	23.94		Pass
20	DFT_QPSK	50@25	23.37	23.45	23.61	0.2	23.57	23.65	23.81		Pass
20	DFT_QPSK	1@1	23.74	23.30	23.53	0.2	23.94	23.50	23.73		Pass
20	DFT_QPSK	1@104	23.03	23.08	23.20	0.2	23.23	23.28	23.40		Pass
20	DFT_QAM16	50@25	22.32	22.08	22.13	0.2	22.52	22.28	22.33		Pass
20	DFT_QAM16	1@1	22.09	22.16	22.35	0.2	22.29	22.36	22.55		Pass
20	DFT_QAM16	1@104	22.41	22.04	22.01	0.2	22.61	22.24	22.21		Pass
20	DFT_QAM64	50@25	21.44	21.43	21.10	0.2	21.64	21.63	21.30		Pass
20	DFT_QAM64	1@1	21.26	21.03	21.24	0.2	21.46	21.23	21.44		Pass
20	DFT_QAM64	1@104	21.28	21.17	21.02	0.2	21.48	21.37	21.22		Pass
20	DFT_QAM256	50@25	19.36	19.34	19.04	0.2	19.56	19.54	19.24		Pass
20	DFT_QAM256	1@1	19.32	19.36	19.20	0.2	19.52	19.56	19.40		Pass
20	DFT_QAM256	1@104	19.07	19.37	19.24	0.2	19.27	19.57	19.44		Pass
20	CP_QPSK	53@26	21.17	21.13	21.19	0.2	21.37	21.33	21.39		Pass
20	CP_QPSK	1@1	21.41	21.24	21.18	0.2	21.61	21.44	21.38		Pass
20	CP_QPSK	1@104	21.40	21.18	21.17	0.2	21.60	21.38	21.37		Pass
20	CP_QAM16	53@26	21.28	21.15	21.16	0.2	21.48	21.35	21.36		Pass
20	CP_QAM16	1@1	21.14	21.37	21.33	0.2	21.34	21.57	21.53		Pass
20	CP_QAM16	1@104	21.14	21.26	21.22	0.2	21.34	21.46	21.42		Pass
20	CP_QAM64	53@26	19.22	19.36	19.05	0.2	19.42	19.56	19.25		Pass
20	CP_QAM64	1@1	19.30	19.01	19.36	0.2	19.50	19.21	19.56		Pass
20	CP_QAM64	1@104	19.30	19.40	19.25	0.2	19.50	19.60	19.45		Pass
20	CP_QAM256	53@26	17.26	17.03	17.34	0.2	17.46	17.23	17.54		Pass
20	CP_QAM256	1@1	17.44	17.40	17.01	0.2	17.64	17.60	17.21		Pass
20	CP_QAM256	1@104	17.11	17.25	17.07	0.2	17.31	17.45	17.27		Pass

NR Band n77(3700-3980) SCS 15KHz											
BW (MHz)	Modulation	RB Allocation	Conducted Power(dBm)			Ant gain (dBi)	EIRP(dBm)			Limit (dBm)	Verdict
			Channel/Frequency(MHz)				Channel/Frequency(MHz)				
			647334	656000	664666		647334	656000	664666		
			3710.0 10	3840.0 00	3969.9 90		3710.0 10	3840.0 00	3969.9 90		
15	DFT_BPSK	36@18	23.88	23.50	23.71	0.2	24.08	23.70	23.91	33.01	Pass
15	DFT_BPSK	1@1	23.71	23.56	23.09	0.2	23.91	23.76	23.29		Pass
15	DFT_BPSK	1@77	23.09	23.32	23.61	0.2	23.29	23.52	23.81		Pass
15	DFT_QPSK	36@18	23.08	23.38	23.21	0.2	23.28	23.58	23.41		Pass
15	DFT_QPSK	1@1	23.33	23.53	23.45	0.2	23.53	23.73	23.65		Pass
15	DFT_QPSK	1@77	23.53	23.03	23.11	0.2	23.73	23.23	23.31		Pass
15	DFT_QAM16	36@18	22.10	22.43	22.39	0.2	22.30	22.63	22.59		Pass
15	DFT_QAM16	1@1	22.40	22.41	22.15	0.2	22.60	22.61	22.35		Pass
15	DFT_QAM16	1@77	22.40	22.40	22.17	0.2	22.60	22.60	22.37		Pass
15	DFT_QAM64	36@18	21.26	21.20	21.25	0.2	21.46	21.40	21.45		Pass
15	DFT_QAM64	1@1	21.27	21.32	21.45	0.2	21.47	21.52	21.65		Pass
15	DFT_QAM64	1@77	21.33	21.29	21.30	0.2	21.53	21.49	21.50		Pass
15	DFT_QAM256	36@18	19.12	19.40	19.30	0.2	19.32	19.60	19.50		Pass
15	DFT_QAM256	1@1	19.07	19.15	19.29	0.2	19.27	19.35	19.49		Pass
15	DFT_QAM256	1@77	19.41	19.45	19.12	0.2	19.61	19.65	19.32		Pass
15	CP_QPSK	39@19	21.05	21.44	21.04	0.2	21.25	21.64	21.24		Pass
15	CP_QPSK	1@1	21.41	21.31	21.40	0.2	21.61	21.51	21.60		Pass
15	CP_QPSK	1@77	21.34	21.29	21.04	0.2	21.54	21.49	21.24		Pass
15	CP_QAM16	39@19	21.11	21.35	21.25	0.2	21.31	21.55	21.45		Pass
15	CP_QAM16	1@1	21.17	21.13	21.24	0.2	21.37	21.33	21.44		Pass
15	CP_QAM16	1@77	21.14	21.19	21.29	0.2	21.34	21.39	21.49		Pass
15	CP_QAM64	39@19	19.20	19.26	19.02	0.2	19.40	19.46	19.22		Pass
15	CP_QAM64	1@1	19.13	19.16	19.26	0.2	19.33	19.36	19.46		Pass
15	CP_QAM64	1@77	19.03	19.40	19.23	0.2	19.23	19.60	19.43		Pass
15	CP_QAM256	39@19	17.40	17.20	17.10	0.2	17.60	17.40	17.30		Pass
15	CP_QAM256	1@1	17.32	17.25	17.15	0.2	17.52	17.45	17.35		Pass
15	CP_QAM256	1@77	17.22	17.29	17.39	0.2	17.42	17.49	17.59		Pass

NR Band n77(3700-3980) SCS 15KHz											
BW (MHz)	Modulation	RB Allocation	Conducted Power(dBm)			Ant gain (dBi)	EIRP(dBm)			Limit (dBm)	Verdict
			Channel/Frequency(MHz)				Channel/Frequency(MHz)				
			647000	656000	665000		647000	656000	665000		
			3705.0 00	3840.0 00	3975.0 00		3705.0 00	3840.0 00	3975.0 00		
10	DFT_BPSK	25@12	23.47	23.74	23.44	0.2	23.67	23.94	23.64	33.01	Pass
10	DFT_BPSK	1@1	23.26	23.67	23.83	0.2	23.46	23.87	24.03		Pass
10	DFT_BPSK	1@50	23.35	23.85	23.53	0.2	23.55	24.05	23.73		Pass
10	DFT_QPSK	25@12	23.70	23.40	23.17	0.2	23.90	23.60	23.37		Pass
10	DFT_QPSK	1@1	23.92	23.77	23.10	0.2	24.12	23.97	23.30		Pass
10	DFT_QPSK	1@50	23.72	23.62	23.76	0.2	23.92	23.82	23.96		Pass
10	DFT_QAM16	25@12	22.21	22.22	22.21	0.2	22.41	22.42	22.41		Pass
10	DFT_QAM16	1@1	22.28	22.24	22.20	0.2	22.48	22.44	22.40		Pass
10	DFT_QAM16	1@50	22.25	22.41	22.20	0.2	22.45	22.61	22.40		Pass
10	DFT_QAM64	25@12	21.34	21.03	21.18	0.2	21.54	21.23	21.38		Pass
10	DFT_QAM64	1@1	21.12	21.23	21.33	0.2	21.32	21.43	21.53		Pass
10	DFT_QAM64	1@50	21.28	21.35	21.24	0.2	21.48	21.55	21.44		Pass
10	DFT_QAM256	25@12	19.11	19.33	19.01	0.2	19.31	19.53	19.21		Pass
10	DFT_QAM256	1@1	19.40	19.05	19.23	0.2	19.60	19.25	19.43		Pass
10	DFT_QAM256	1@50	19.08	19.04	19.32	0.2	19.28	19.24	19.52		Pass
10	CP_QPSK	26@13	21.10	21.36	21.08	0.2	21.30	21.56	21.28		Pass
10	CP_QPSK	1@1	21.26	21.07	21.32	0.2	21.46	21.27	21.52		Pass
10	CP_QPSK	1@50	21.07	21.30	21.44	0.2	21.27	21.50	21.64		Pass
10	CP_QAM16	26@13	21.20	21.26	21.10	0.2	21.40	21.46	21.30		Pass
10	CP_QAM16	1@1	21.45	21.44	21.27	0.2	21.65	21.64	21.47		Pass
10	CP_QAM16	1@50	21.42	21.44	21.16	0.2	21.62	21.64	21.36		Pass
10	CP_QAM64	26@13	19.22	19.26	19.38	0.2	19.42	19.46	19.58		Pass
10	CP_QAM64	1@1	19.38	19.16	19.20	0.2	19.58	19.36	19.40		Pass
10	CP_QAM64	1@50	19.23	19.03	19.28	0.2	19.43	19.23	19.48		Pass
10	CP_QAM256	26@13	17.33	17.23	17.26	0.2	17.53	17.43	17.46		Pass
10	CP_QAM256	1@1	17.13	17.12	17.25	0.2	17.33	17.32	17.45		Pass
10	CP_QAM256	1@50	17.13	17.21	17.17	0.2	17.33	17.41	17.37		Pass

2 Frequency stability for NR FR1

NT:

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Voltage (Vdc)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	3.85	-9.81	0.00	Within authorized band for 5G NR n77	PASS
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	3.50	-11.89	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	4.40	-11.87	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	3.85	-12.68	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	3.50	-13.31	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	4.40	-14.90	0.00		PASS

Note: Only the worst case shown in the report.

NV:

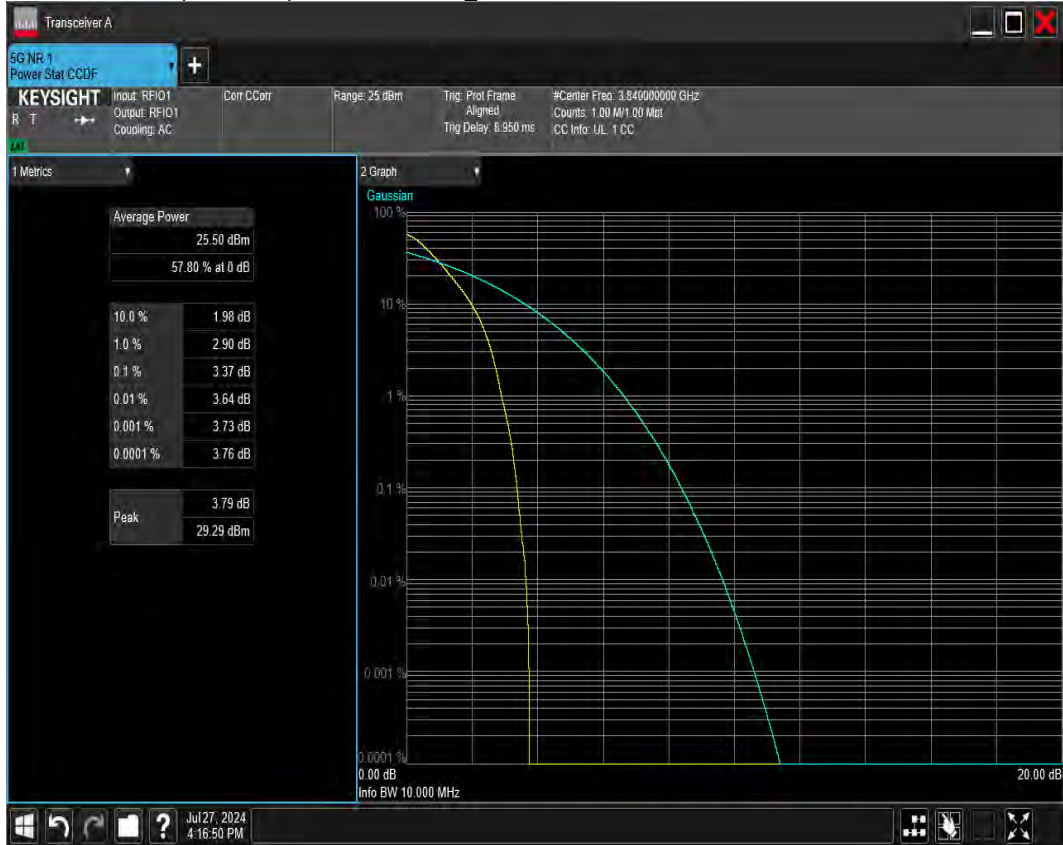
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Voltage (Vdc)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	-30	-13.81	0.00	Within authorized band for 5G NR n77	PASS
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	-20	-11.59	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	-10	-16.12	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	0	-13.12	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	10	-11.41	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	20	-13.51	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	30	-15.99	-0.01		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	40	-11.01	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	50	-17.5	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	-30	-16.56	-0.01		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	-20	-13.5	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	-10	-12.29	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	0	-11.32	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	10	-13.28	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	20	-14.03	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	30	-11.56	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	40	-12.41	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	50	-13.92	0.00		PASS

Note: Only the worst case shown in the report.

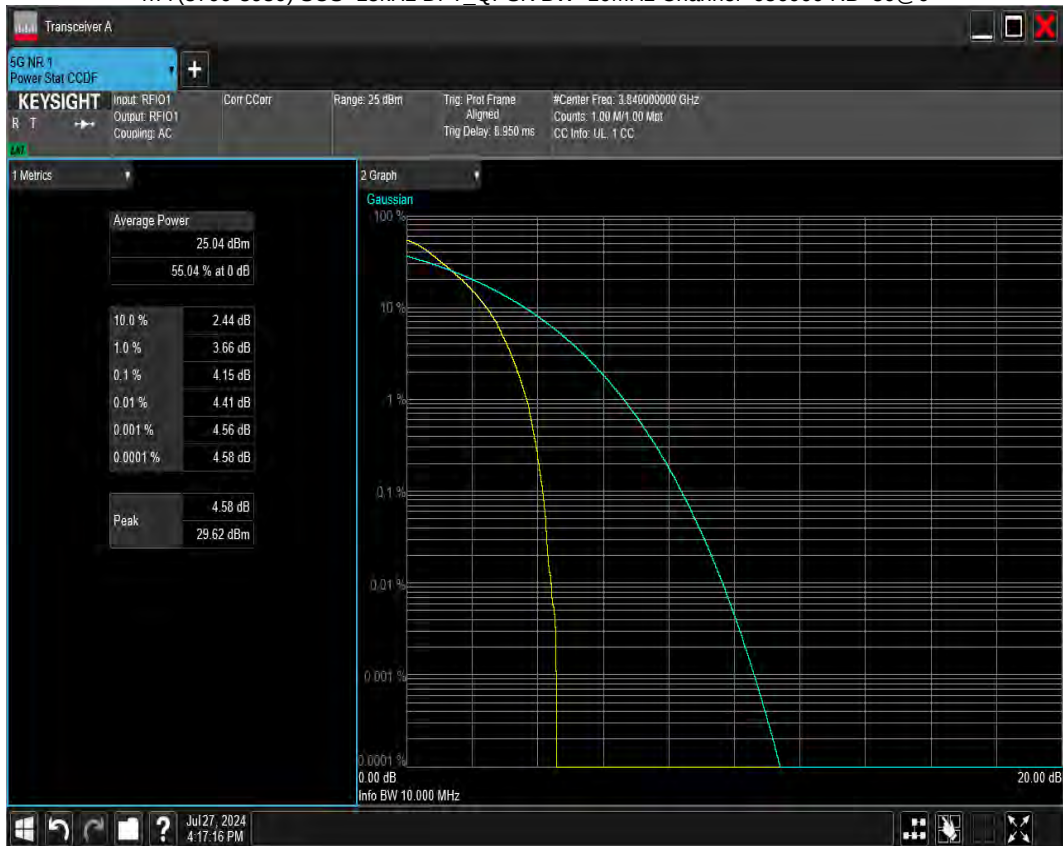
3 Peak-to-Average Ratio for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n77(3700-3980)	15	10	656000	50@0	DFT_BPSK	3.37	13	PASS
n77(3700-3980)	15	10	656000	50@0	DFT_QPSK	4.15	13	PASS
n77(3700-3980)	15	10	656000	50@0	DFT_QAM16	5.08	13	PASS
n77(3700-3980)	15	10	656000	50@0	DFT_QAM64	5.39	13	PASS
n77(3700-3980)	15	10	656000	50@0	DFT_QAM256	6.34	13	PASS
n77(3700-3980)	15	15	656000	75@0	DFT_BPSK	3.55	13	PASS
n77(3700-3980)	15	15	656000	75@0	DFT_QPSK	4.29	13	PASS
n77(3700-3980)	15	15	656000	75@0	DFT_QAM16	5.05	13	PASS
n77(3700-3980)	15	15	656000	75@0	DFT_QAM64	5.47	13	PASS
n77(3700-3980)	15	15	656000	75@0	DFT_QAM256	6.36	13	PASS
n77(3700-3980)	15	20	656000	100@0	DFT_BPSK	3.72	13	PASS
n77(3700-3980)	15	20	656000	100@0	DFT_QPSK	4.58	13	PASS
n77(3700-3980)	15	20	656000	100@0	DFT_QAM16	5.43	13	PASS
n77(3700-3980)	15	20	656000	100@0	DFT_QAM64	5.65	13	PASS
n77(3700-3980)	15	20	656000	100@0	DFT_QAM256	6.37	13	PASS
n77(3700-3980)	15	30	656000	160@0	DFT_BPSK	3.66	13	PASS
n77(3700-3980)	15	30	656000	160@0	DFT_QPSK	4.40	13	PASS
n77(3700-3980)	15	30	656000	160@0	DFT_QAM16	5.20	13	PASS
n77(3700-3980)	15	30	656000	160@0	DFT_QAM64	5.51	13	PASS
n77(3700-3980)	15	30	656000	160@0	DFT_QAM256	6.34	13	PASS
n77(3700-3980)	15	40	656000	216@0	DFT_BPSK	4.16	13	PASS
n77(3700-3980)	15	40	656000	216@0	DFT_QPSK	4.76	13	PASS
n77(3700-3980)	15	40	656000	216@0	DFT_QAM16	5.51	13	PASS
n77(3700-3980)	15	40	656000	216@0	DFT_QAM64	5.76	13	PASS
n77(3700-3980)	15	40	656000	216@0	DFT_QAM256	6.49	13	PASS
n77(3700-3980)	15	50	656000	270@0	DFT_BPSK	4.35	13	PASS
n77(3700-3980)	15	50	656000	270@0	DFT_QPSK	4.95	13	PASS
n77(3700-3980)	15	50	656000	270@0	DFT_QAM16	5.70	13	PASS
n77(3700-3980)	15	50	656000	270@0	DFT_QAM64	5.96	13	PASS
n77(3700-3980)	15	50	656000	270@0	DFT_QAM256	6.51	13	PASS

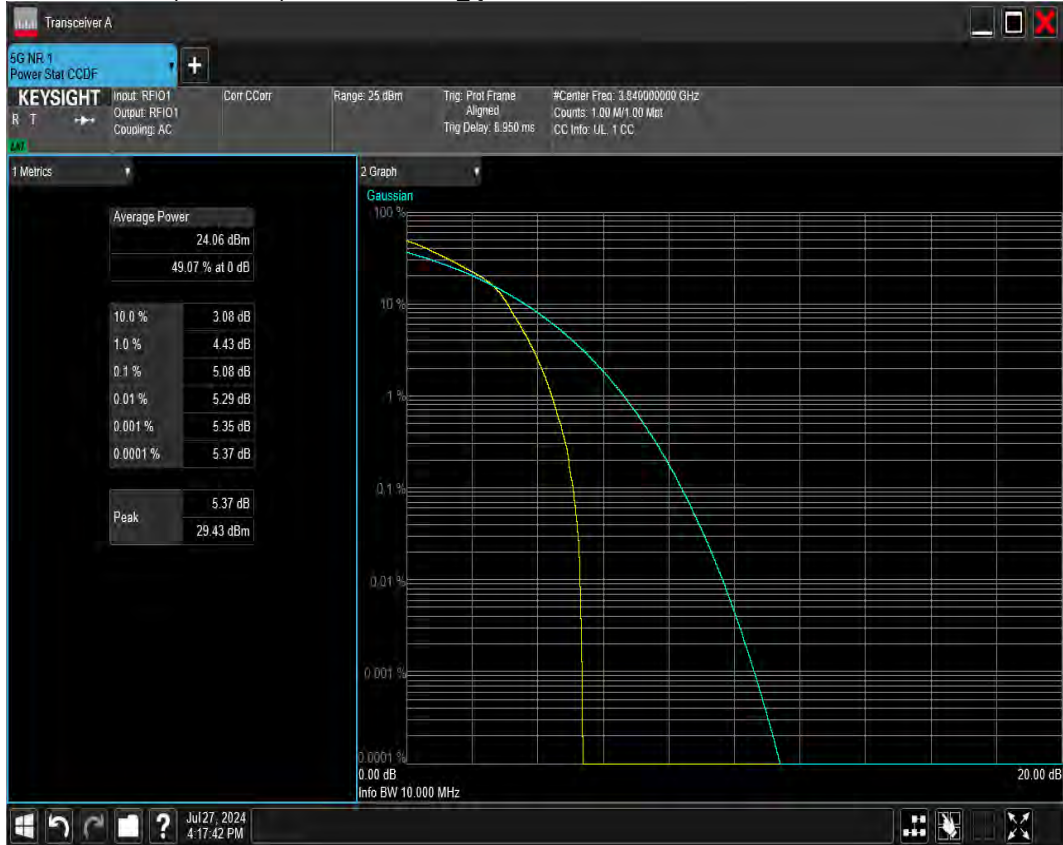
n77(3700-3980) SCS=15kHz DFT_BPSK BW=10MHz Channel=656000 RB=50@0



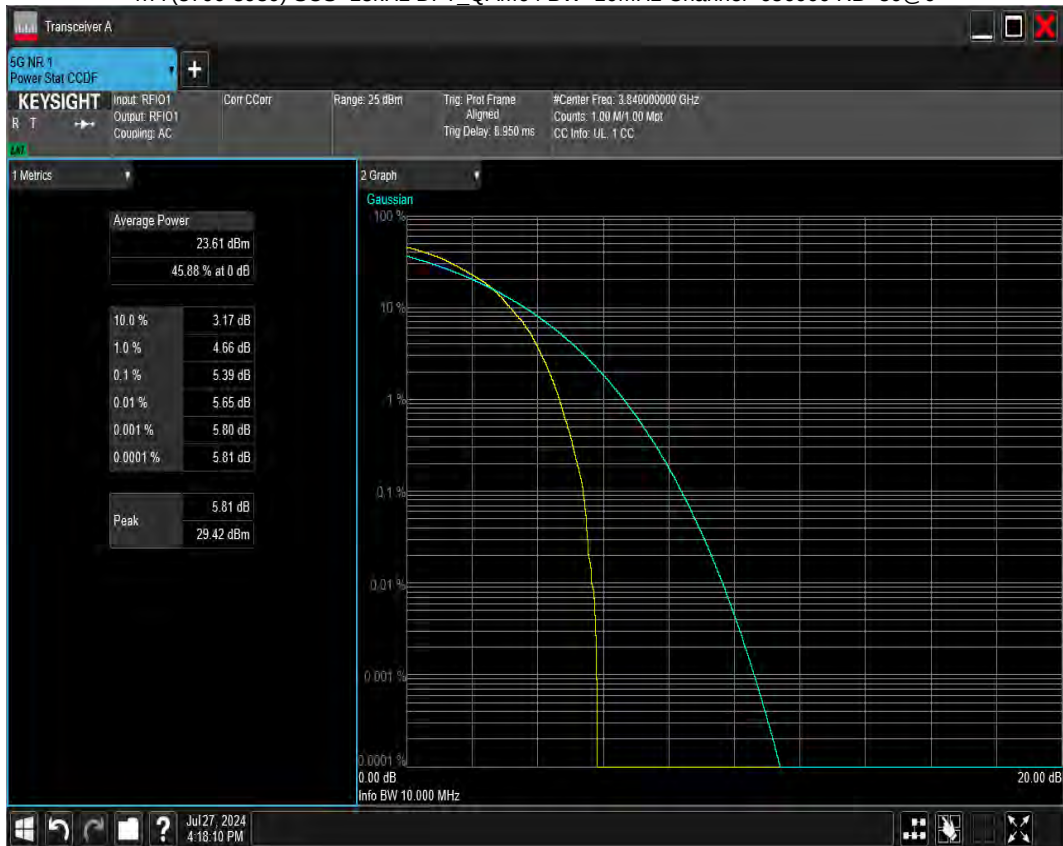
n77(3700-3980) SCS=15kHz DFT_QPSK BW=10MHz Channel=656000 RB=50@0



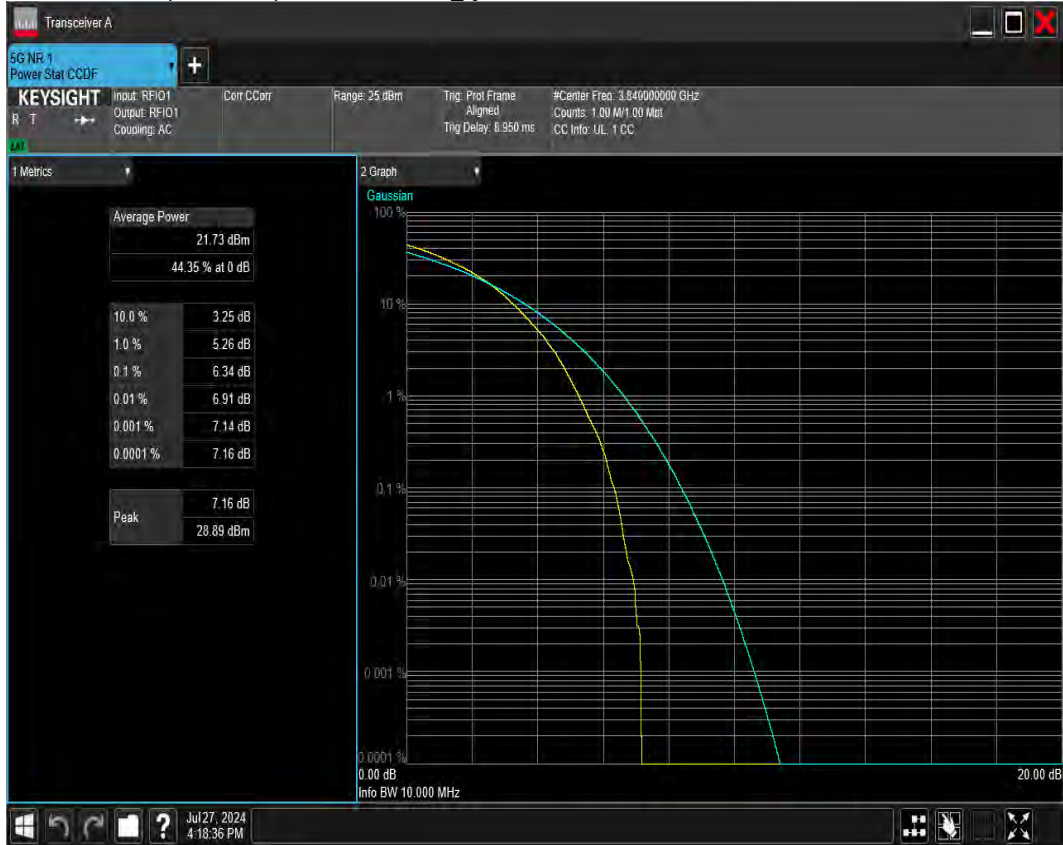
n77(3700-3980) SCS=15kHz DFT_QAM16 BW=10MHz Channel=656000 RB=50@0



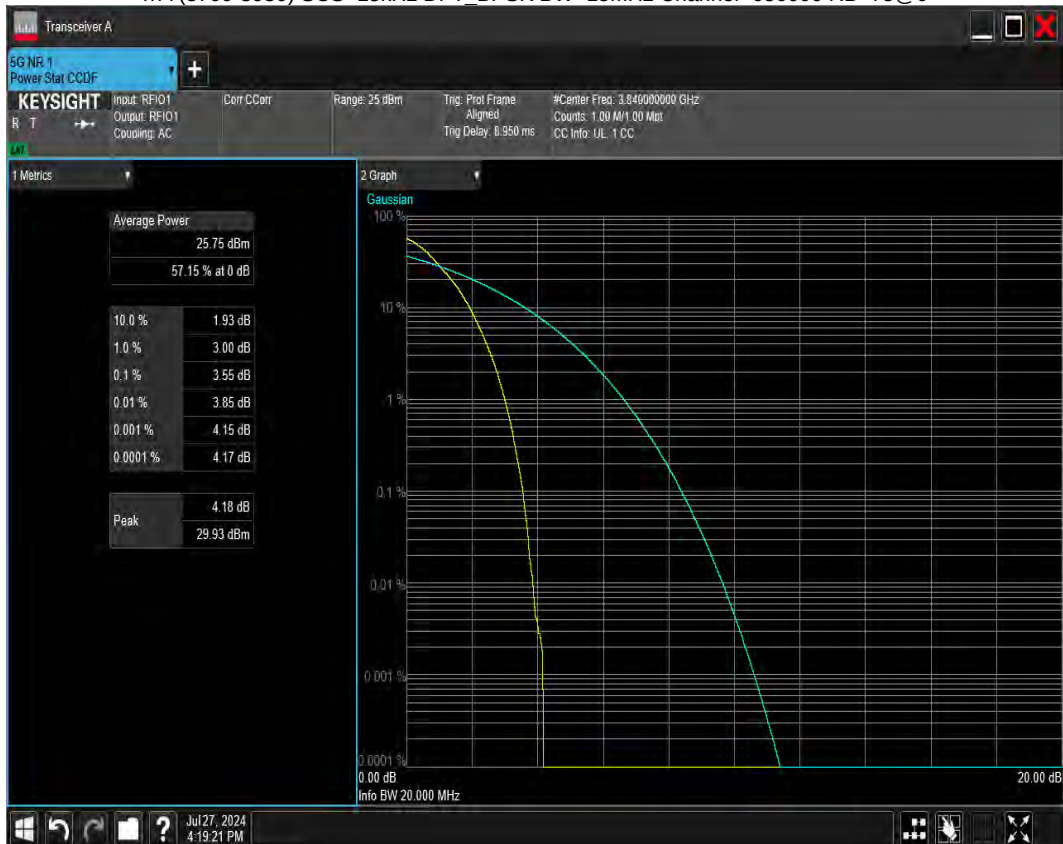
n77(3700-3980) SCS=15kHz DFT_QAM64 BW=10MHz Channel=656000 RB=50@0



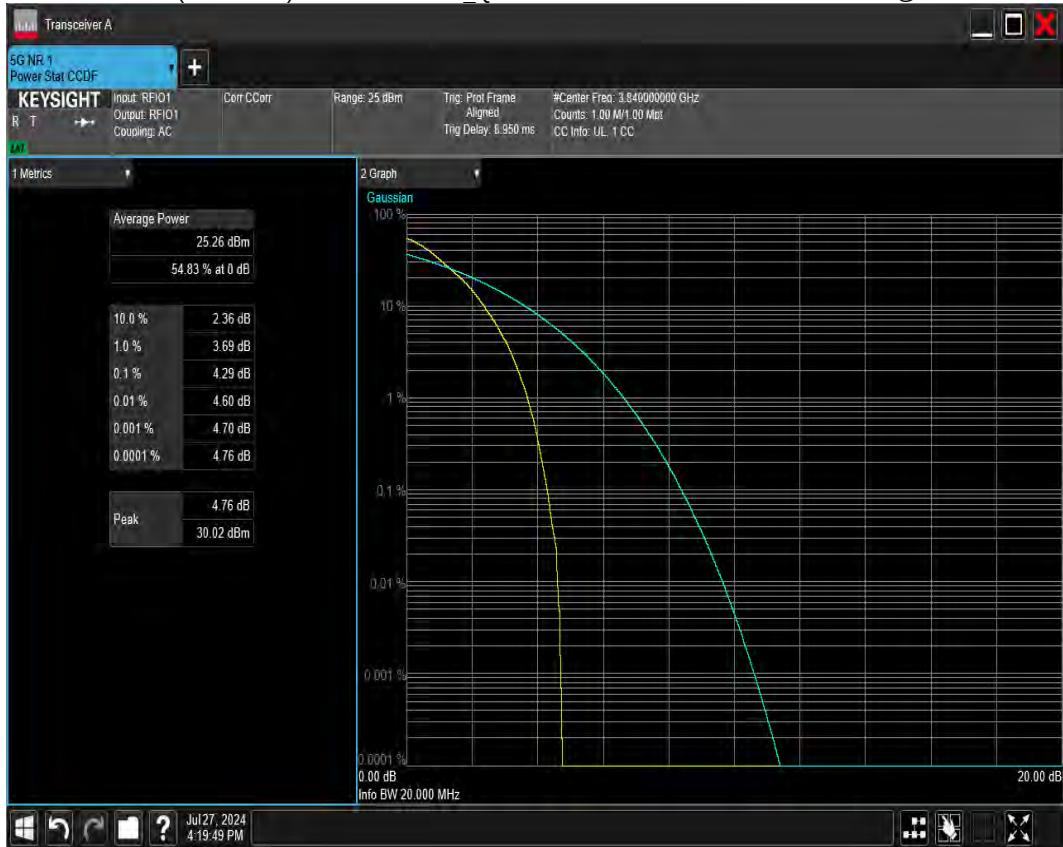
n77(3700-3980) SCS=15kHz DFT_QAM256 BW=10MHz Channel=656000 RB=50@0



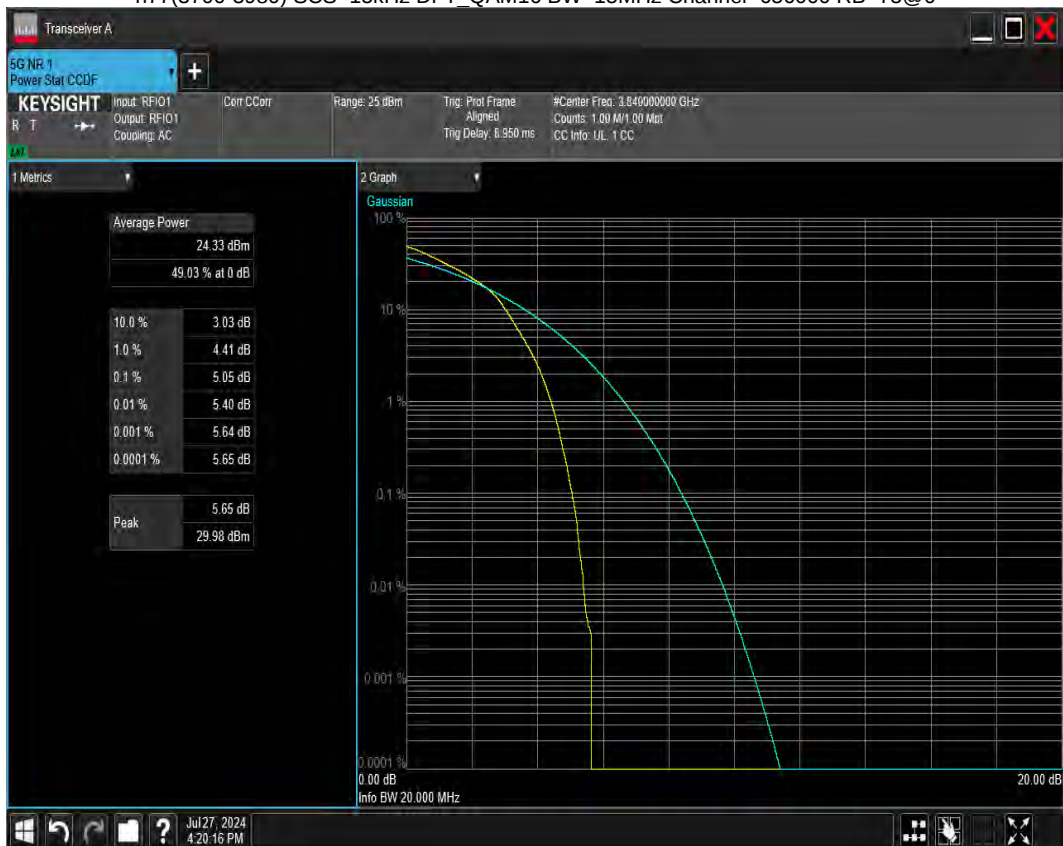
n77(3700-3980) SCS=15kHz DFT_BPSK BW=15MHz Channel=656000 RB=75@0



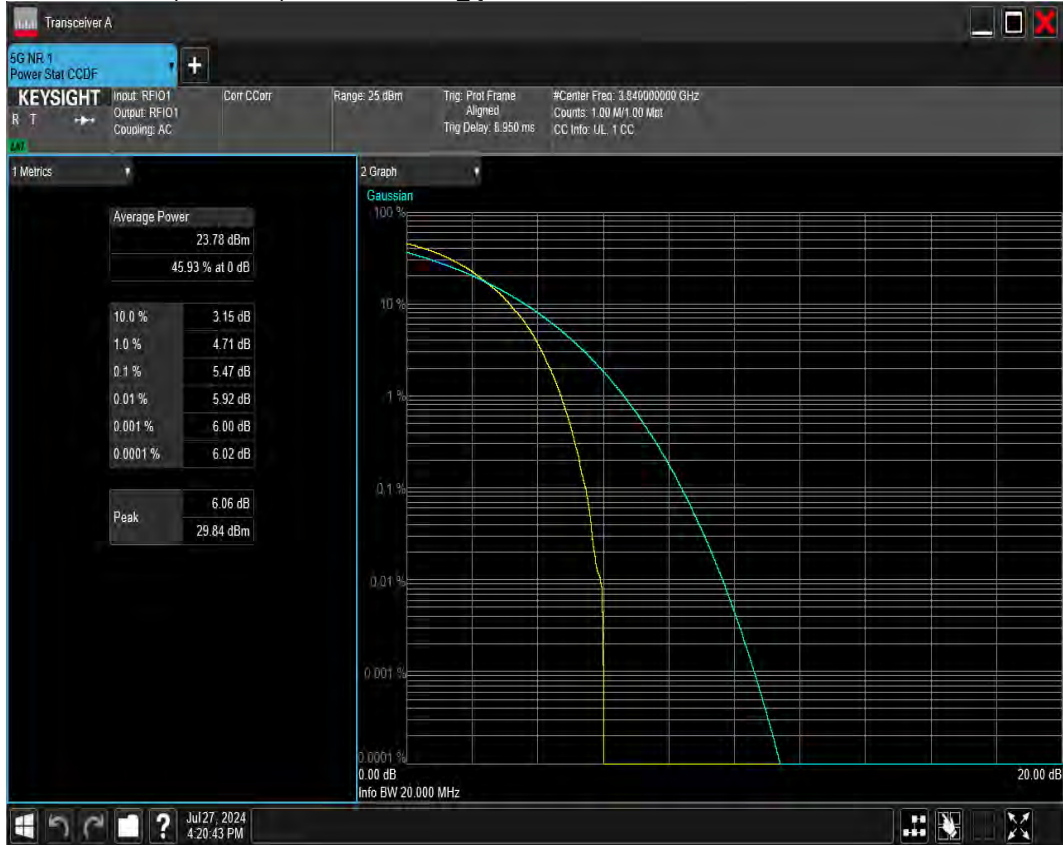
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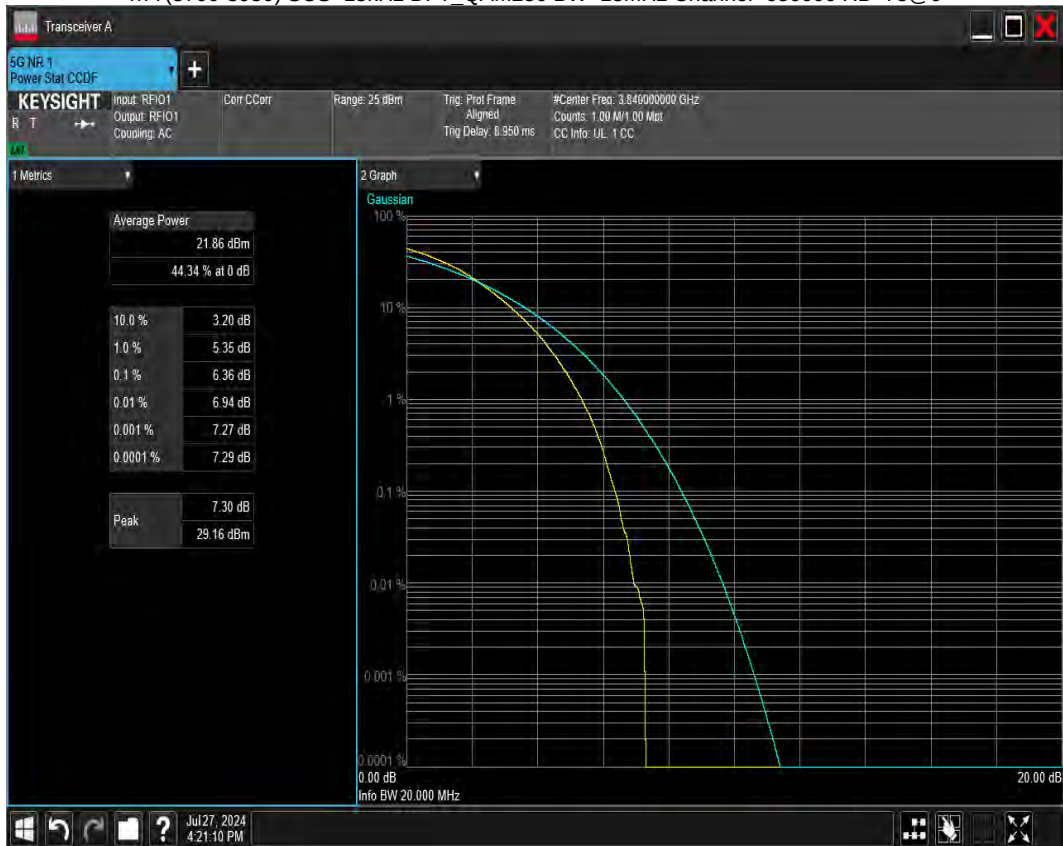
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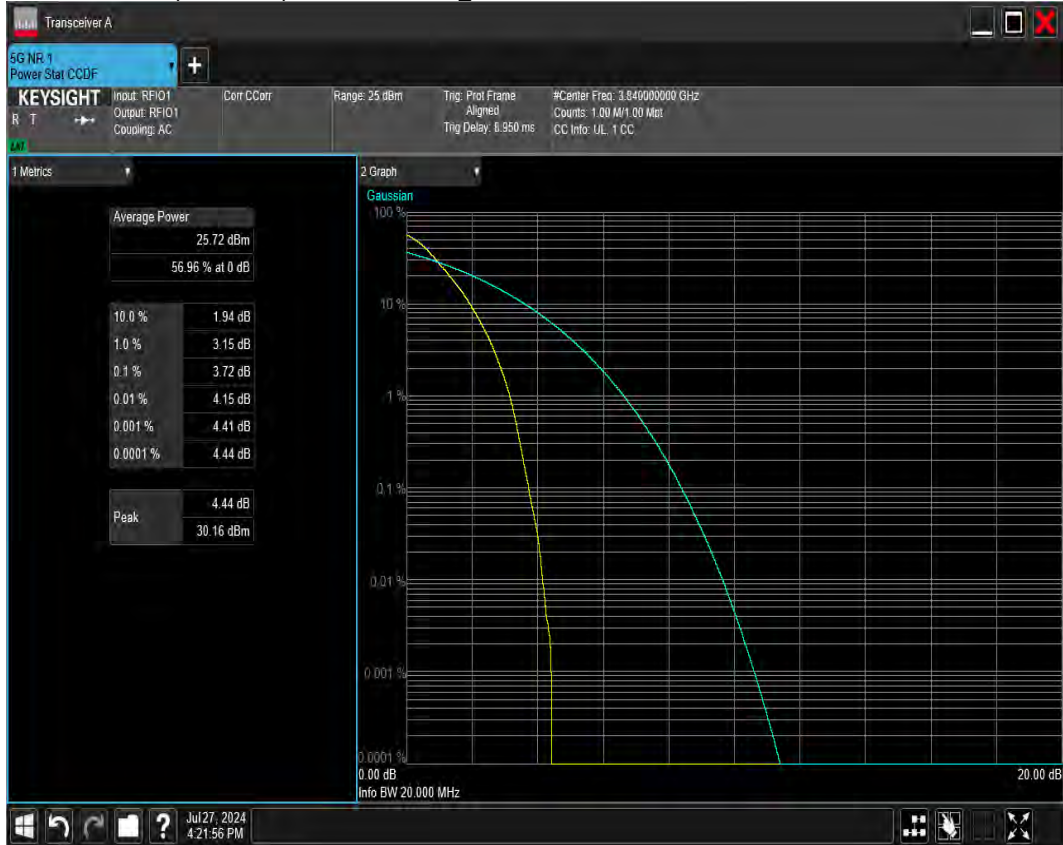
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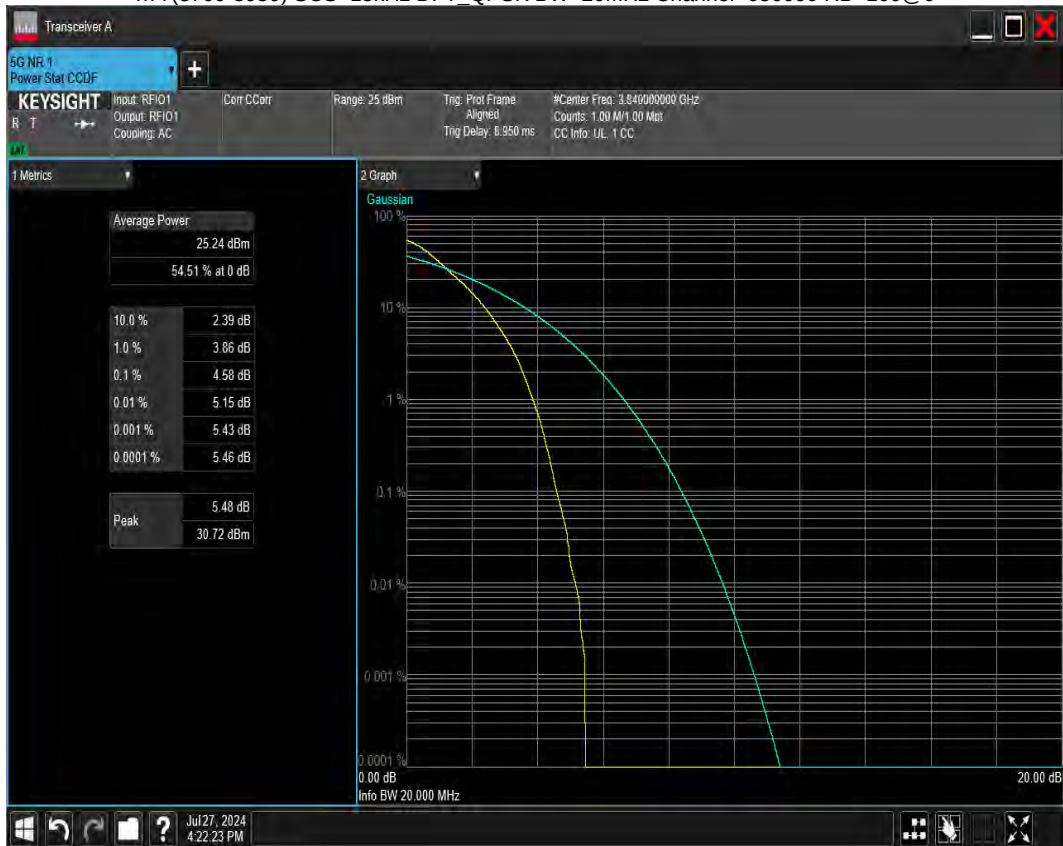
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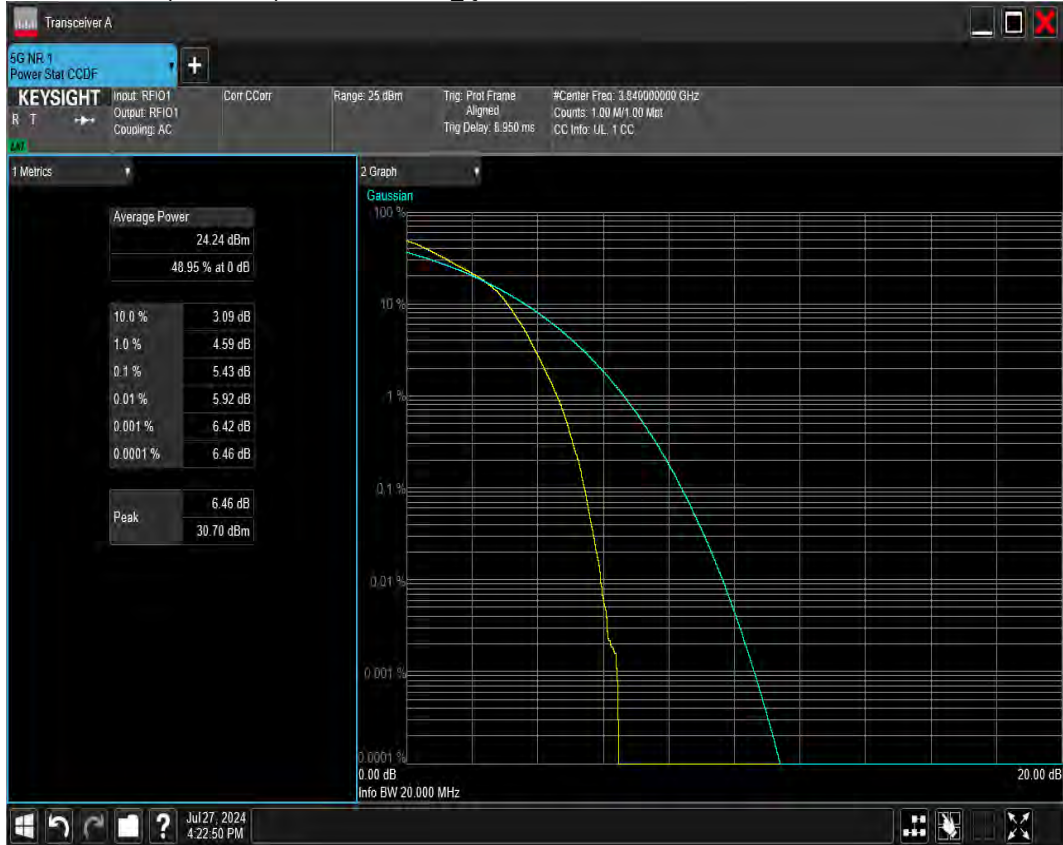
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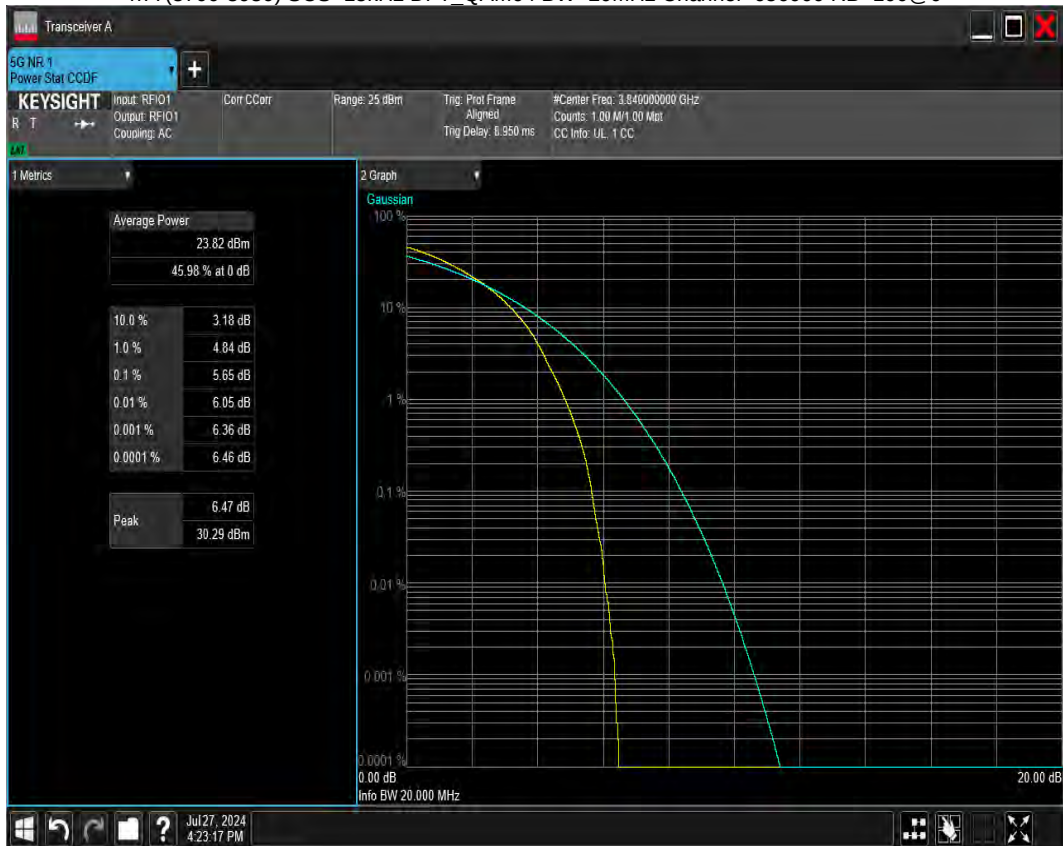
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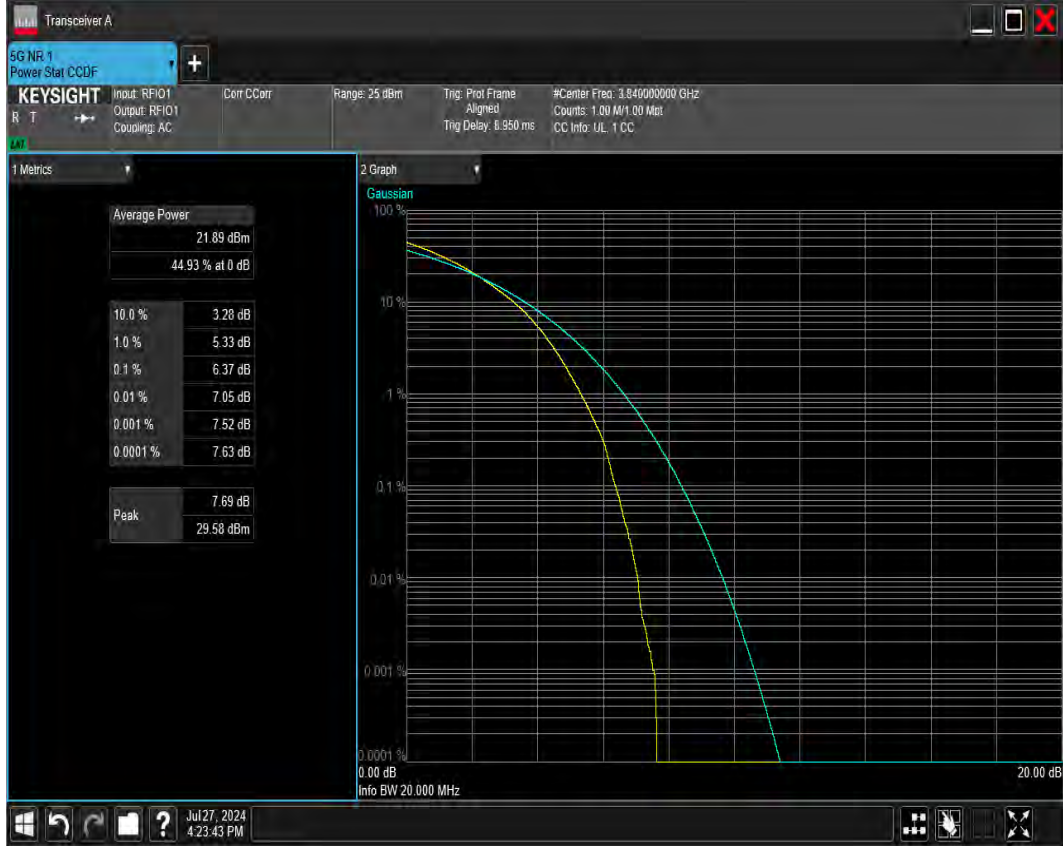
n77(3700-3980) SCS=15kHz DFT_QAM16 BW=20MHz Channel=656000 RB=100@0



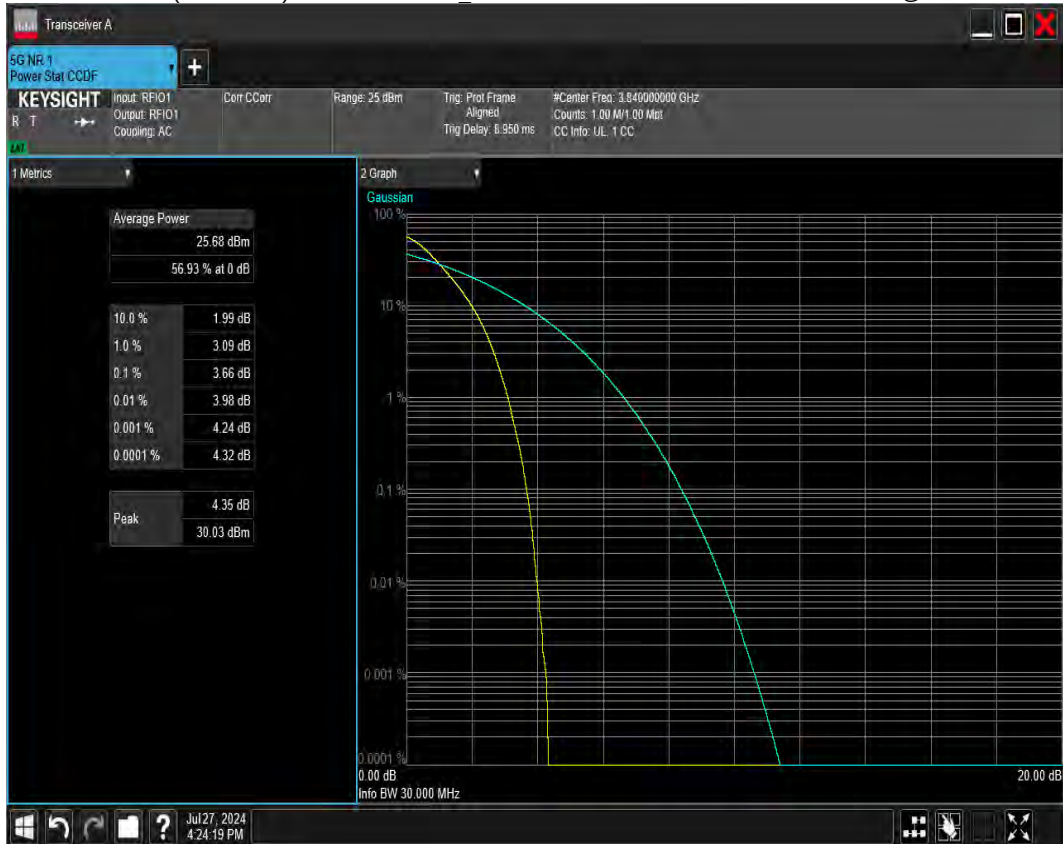
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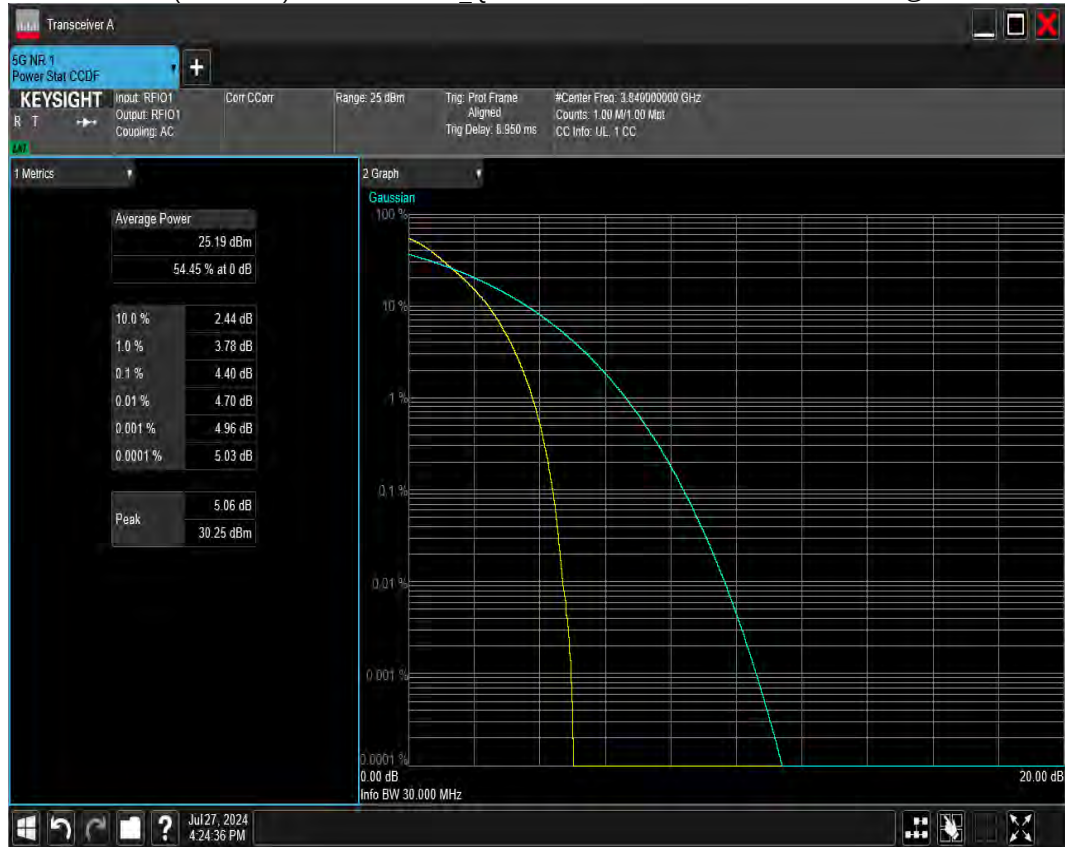
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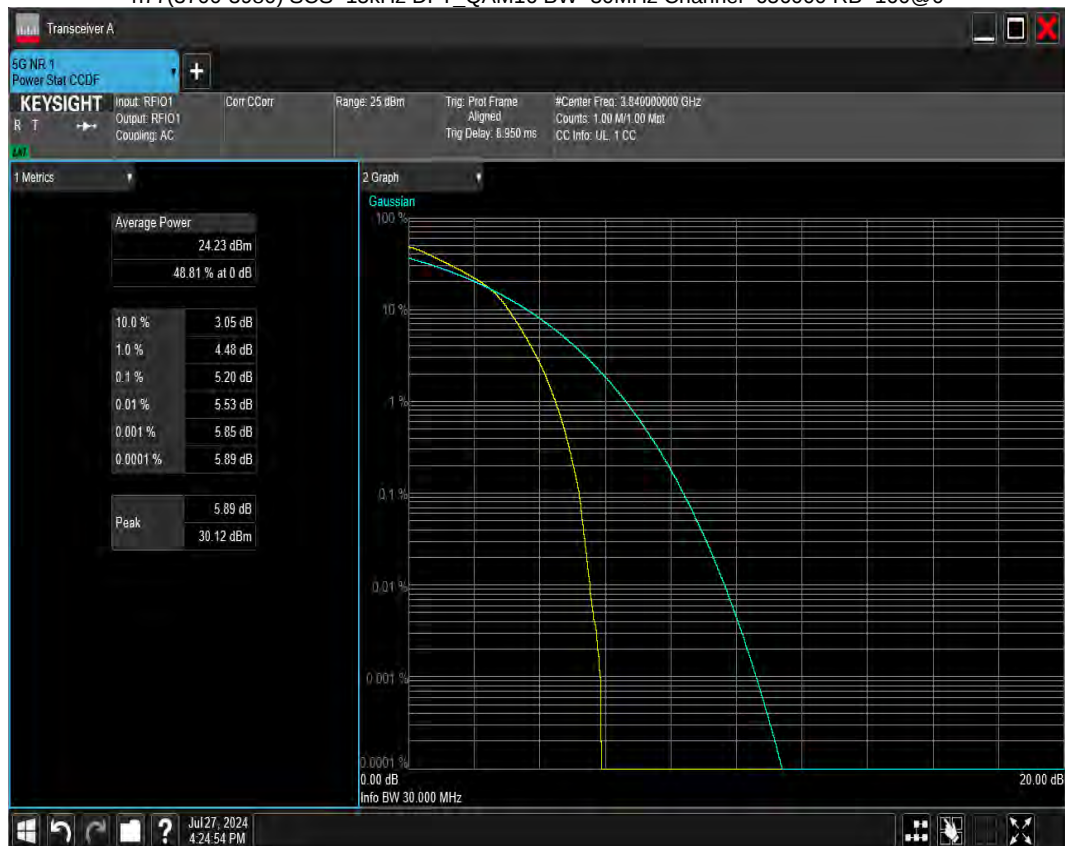
n77(3700-3980) SCS=15kHz DFT BPSK BW=30MHz Channel=656000 RB=160@0



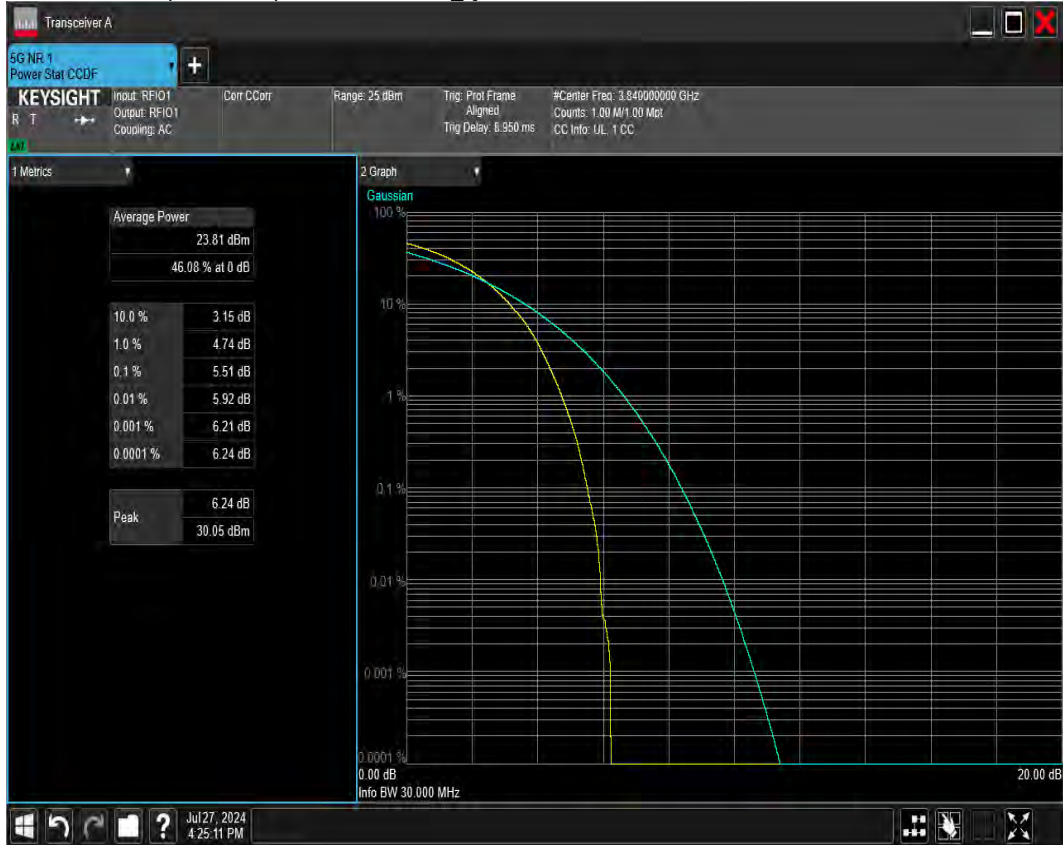
n77(3700-3980) SCS=15kHz DFT_QPSK BW=30MHz Channel=656000 RB=160@0



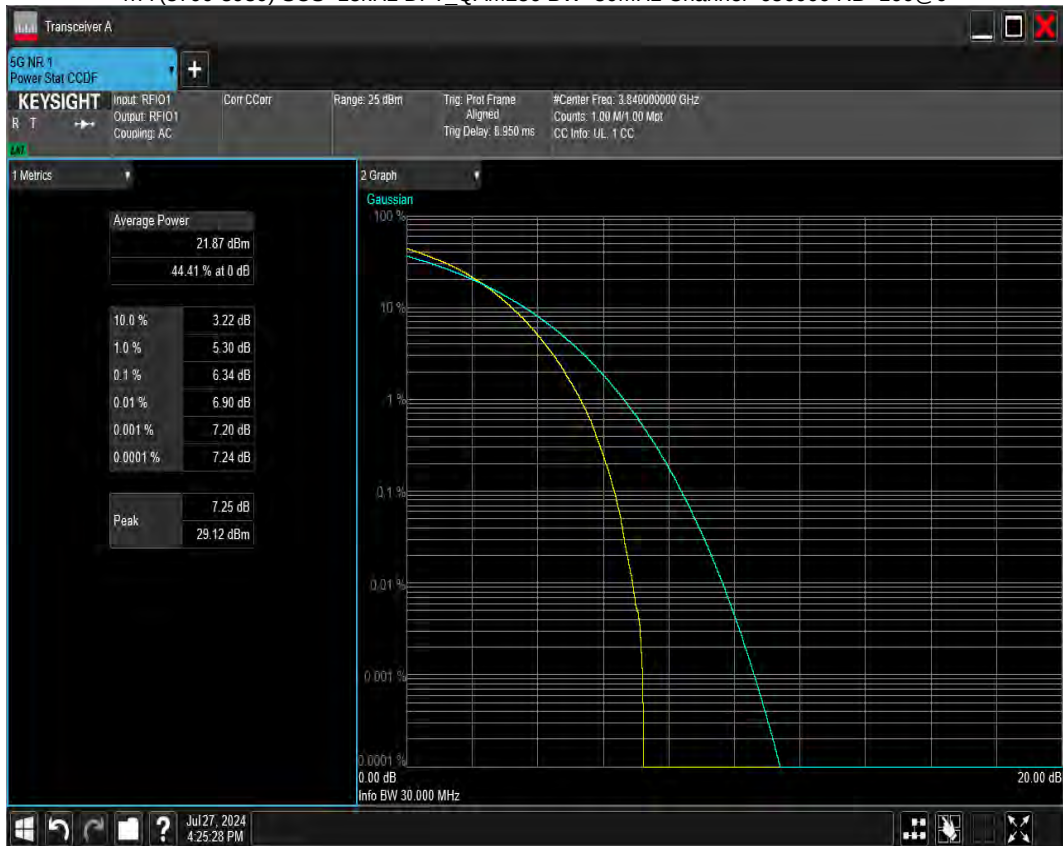
n77(3700-3980) SCS=15kHz DFT_QAM16 BW=30MHz Channel=656000 RB=160@0



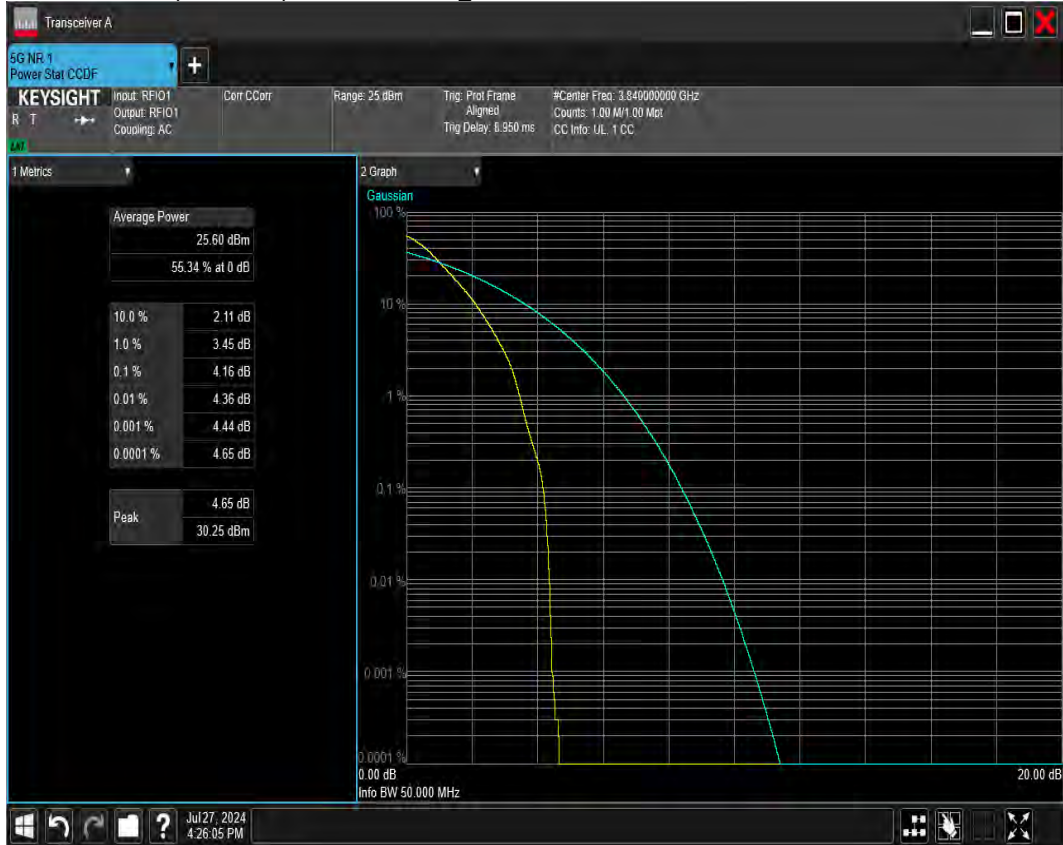
n77(3700-3980) SCS=15kHz DFT_QAM64 BW=30MHz Channel=656000 RB=160@0



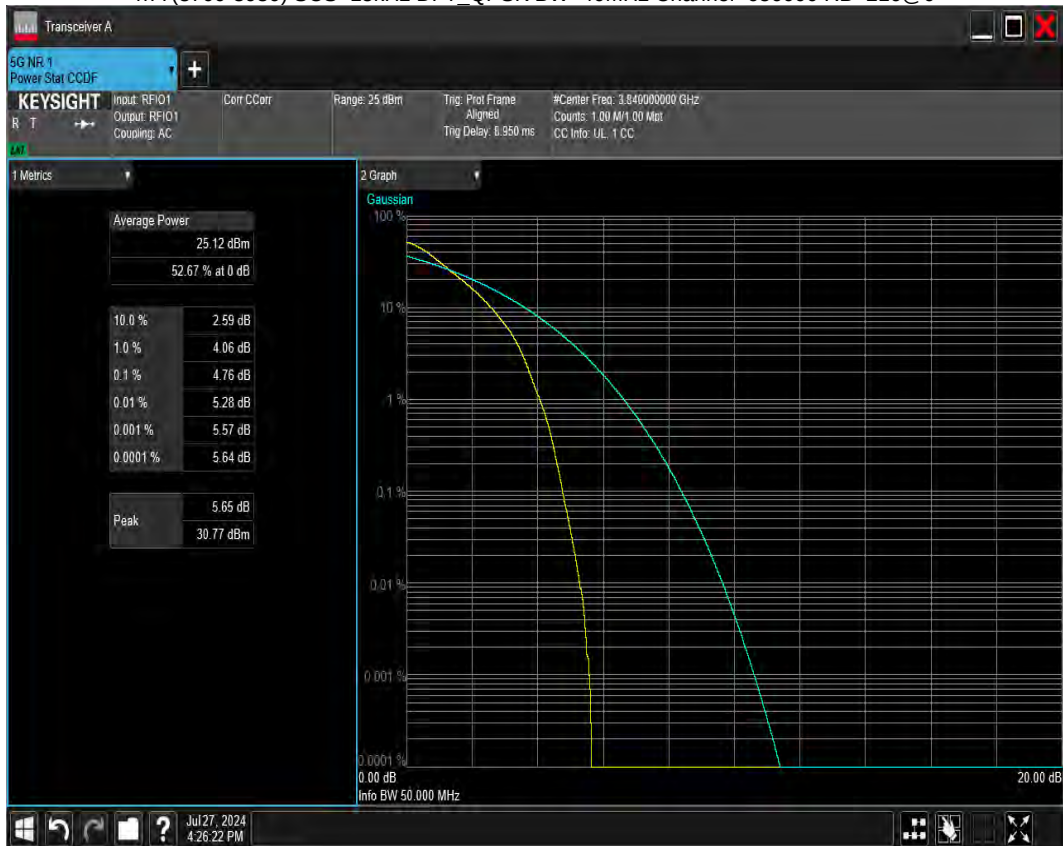
n77(3700-3980) SCS=15kHz DFT_QAM256 BW=30MHz Channel=656000 RB=160@0



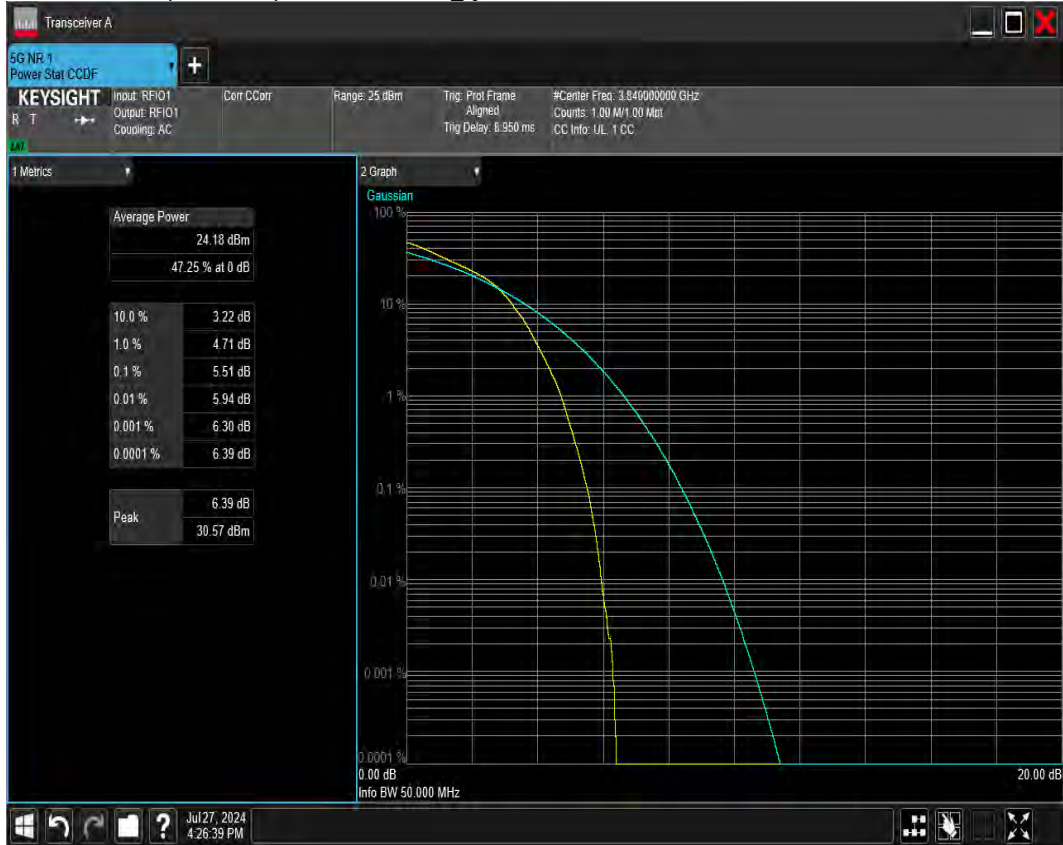
n77(3700-3980) SCS=15kHz DFT_BPSK BW=40MHz Channel=656000 RB=216@0



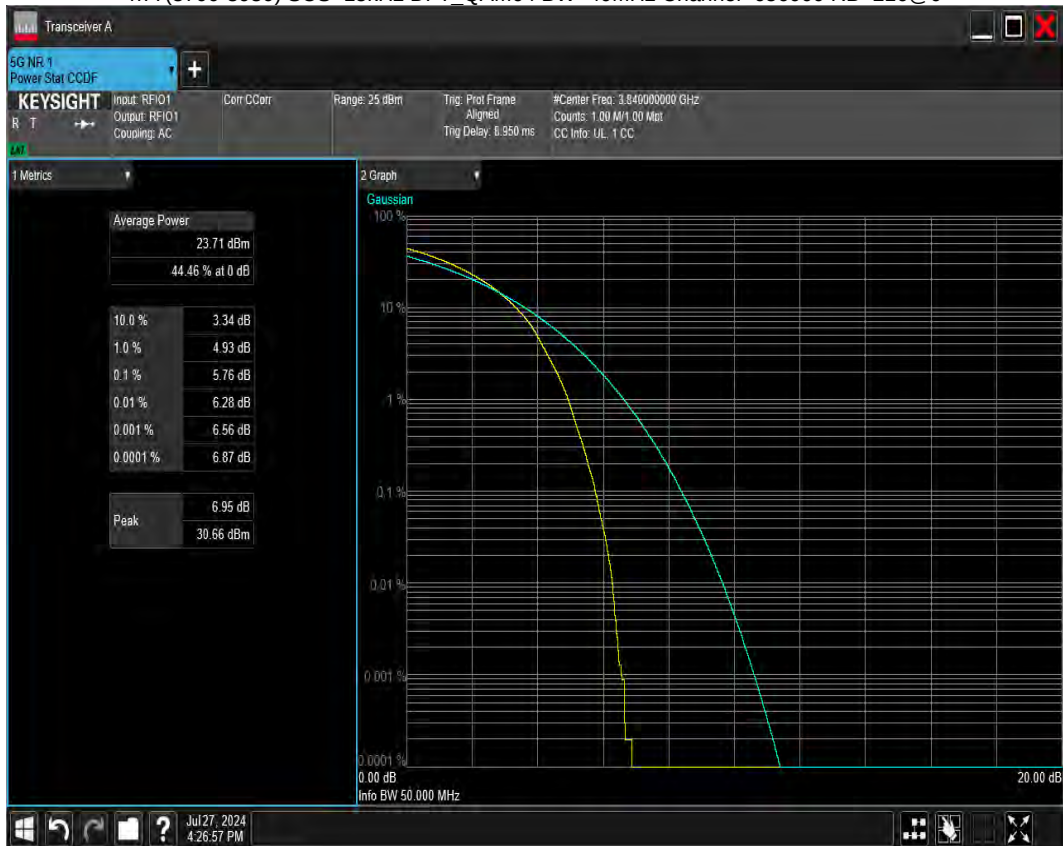
n77(3700-3980) SCS=15kHz DFT_QPSK BW=40MHz Channel=656000 RB=216@0



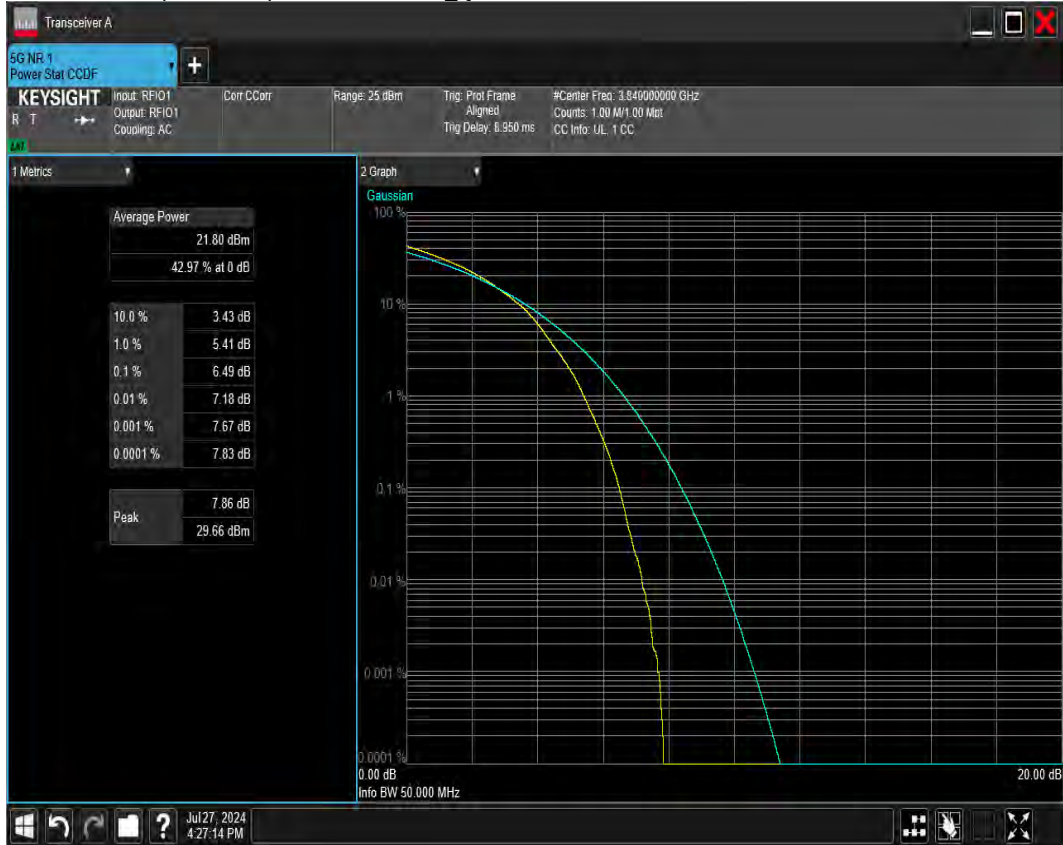
n77(3700-3980) SCS=15kHz DFT_QAM16 BW=40MHz Channel=656000 RB=216@0



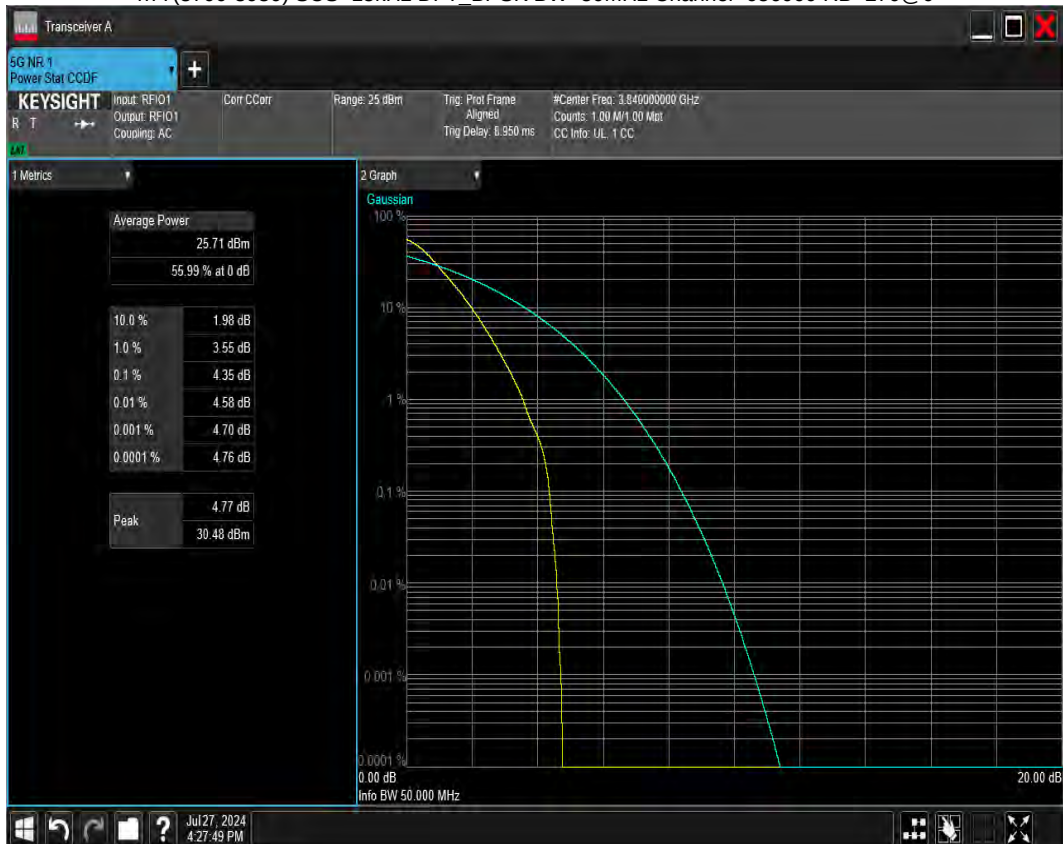
n77(3700-3980) SCS=15kHz DFT_QAM64 BW=40MHz Channel=656000 RB=216@0



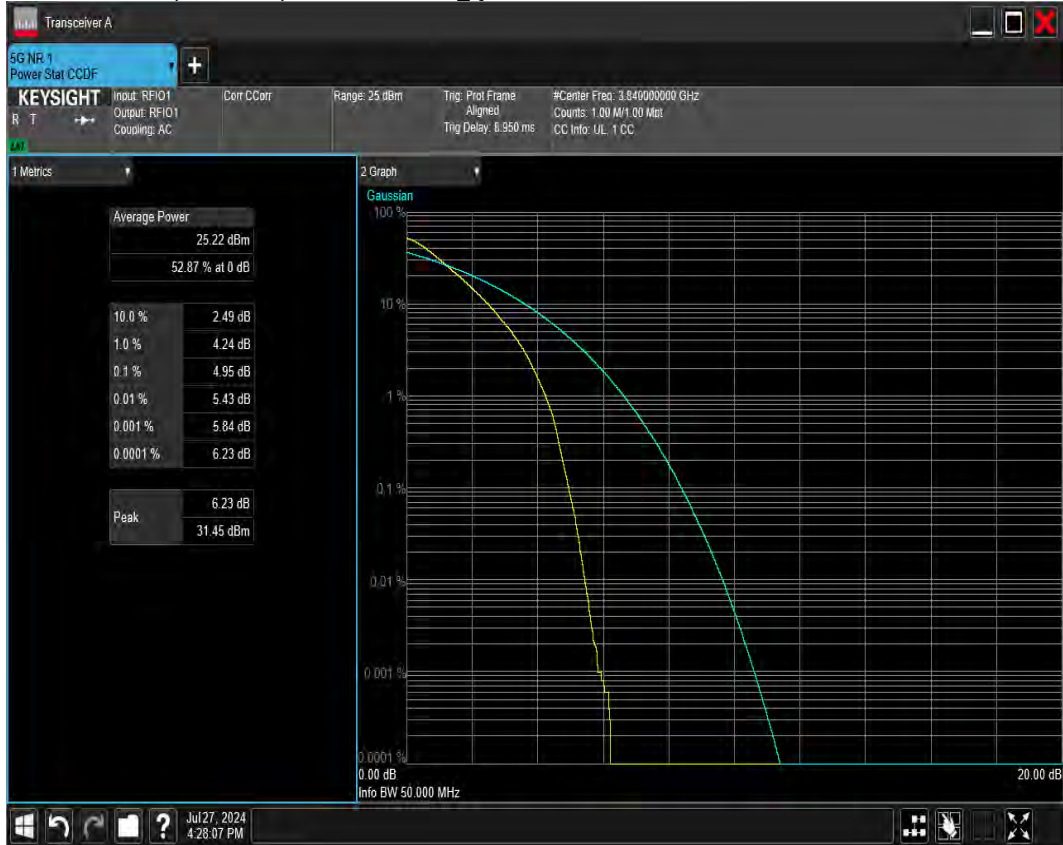
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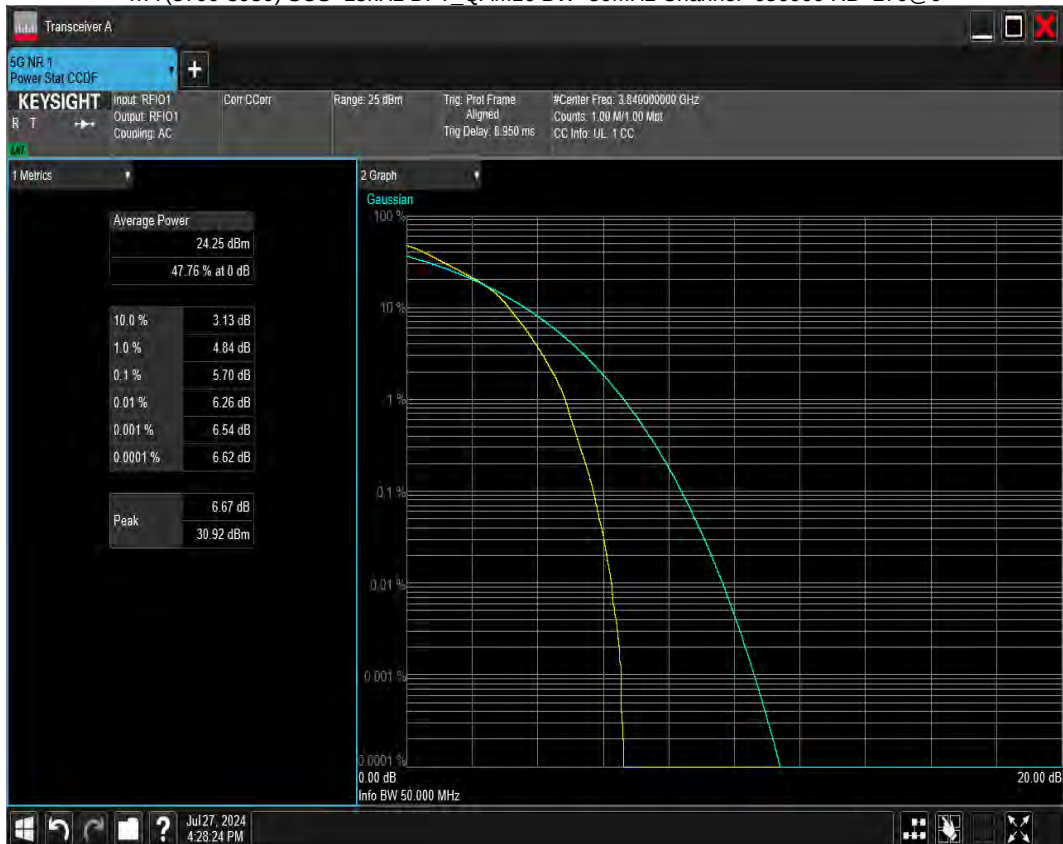
n77(3700-3980) SCS=15kHz DFT BPSK BW=50MHz Channel=656000 RB=270@0



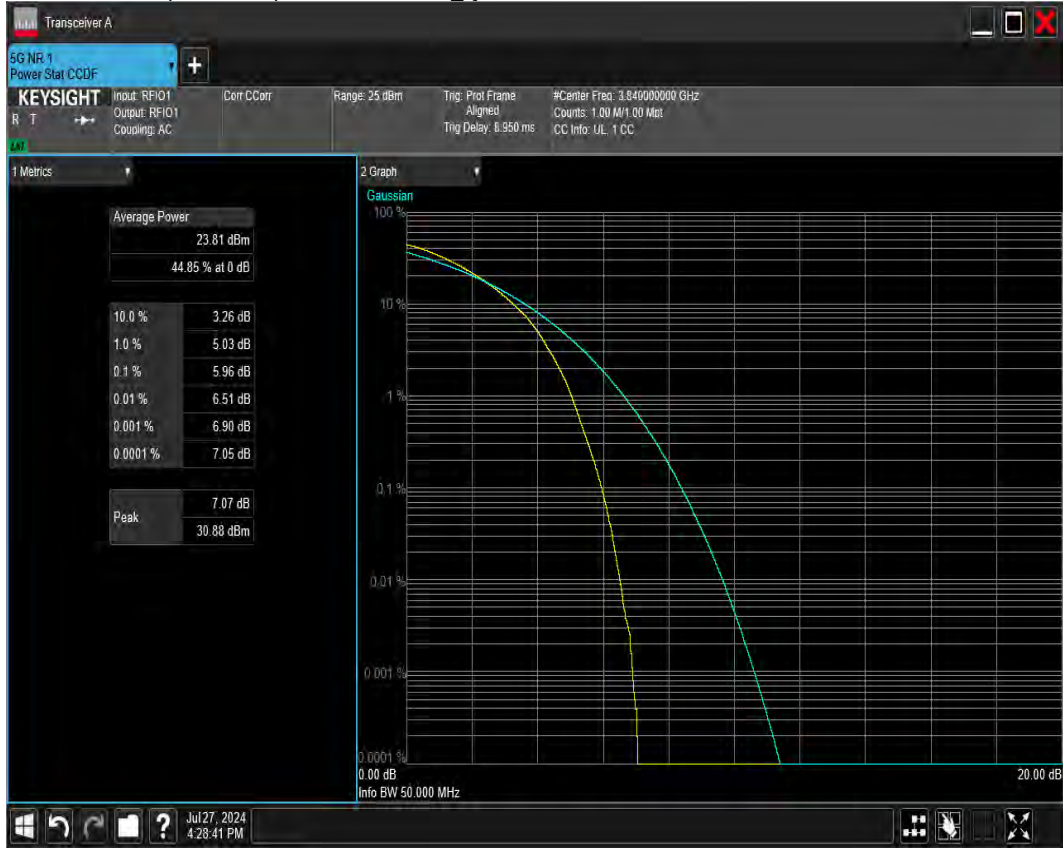
n77(3700-3980) SCS=15kHz DFT_QPSK BW=50MHz Channel=656000 RB=270@0



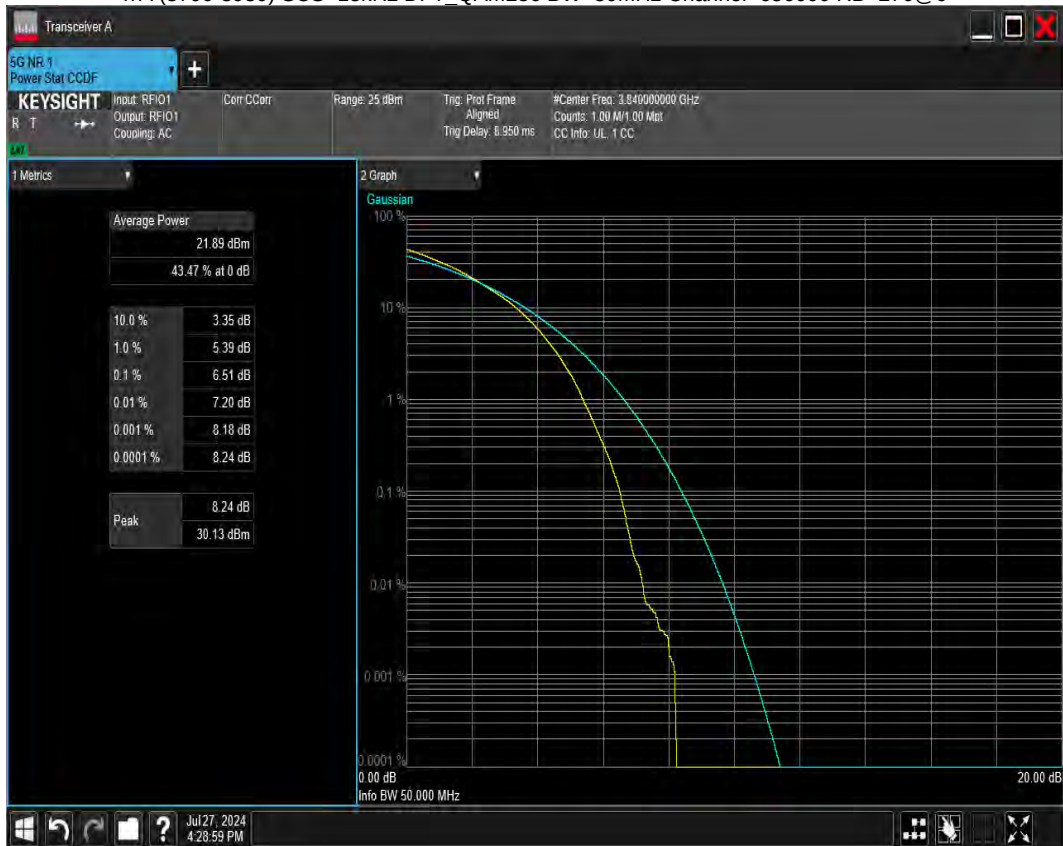
n77(3700-3980) SCS=15kHz DFT_QAM16 BW=50MHz Channel=656000 RB=270@0



n77(3700-3980) SCS=15kHz DFT_QAM64 BW=50MHz Channel=656000 RB=270@0



n77(3700-3980) SCS=15kHz DFT_QAM256 BW=50MHz Channel=656000 RB=270@0



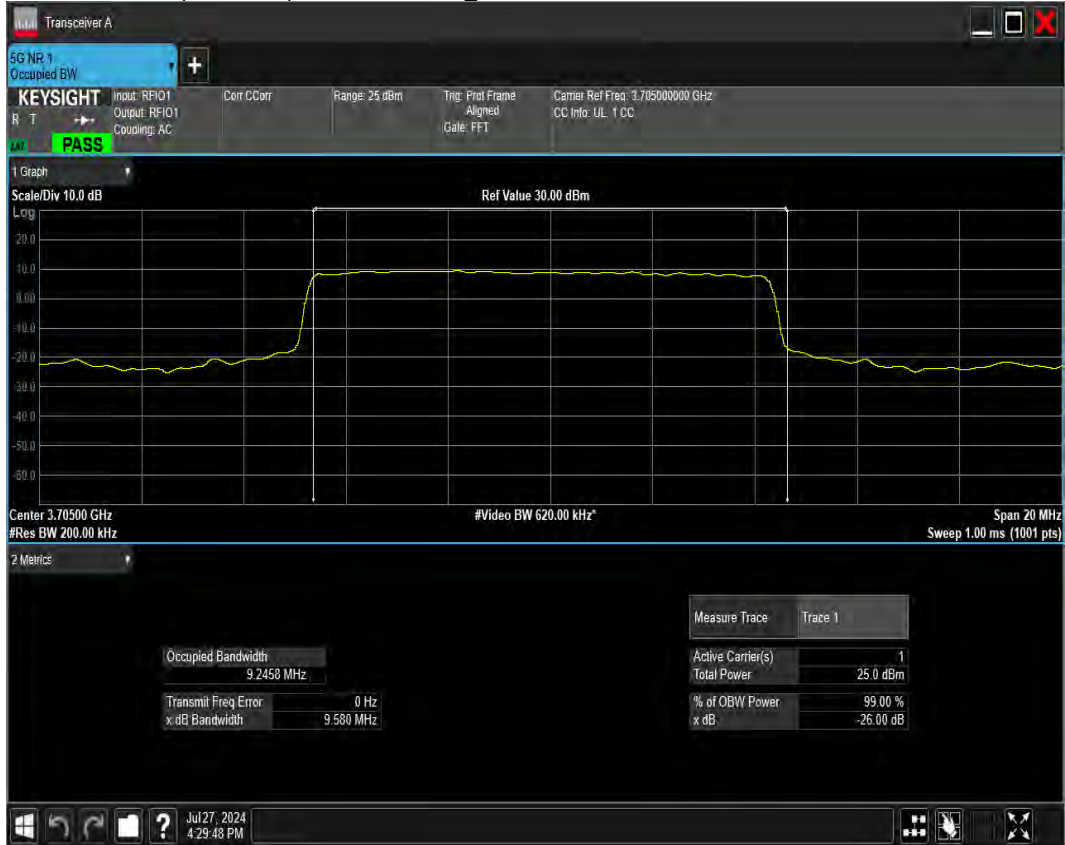
4 Occupied bandwidth for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n77(3700-3980)	15	10	647000	50@0	DFT_BPSK	9.250	9.580	PASS
n77(3700-3980)	15	10	647000	50@0	DFT_QPSK	9.290	9.950	PASS
n77(3700-3980)	15	10	647000	50@0	DFT_QAM16	9.260	9.520	PASS
n77(3700-3980)	15	10	647000	50@0	DFT_QAM64	9.260	9.550	PASS
n77(3700-3980)	15	10	647000	50@0	DFT_QAM256	9.250	9.490	PASS
n77(3700-3980)	15	10	647000	52@0	CP_QPSK	9.360	12.260	PASS
n77(3700-3980)	15	10	656000	50@0	DFT_BPSK	9.220	9.480	PASS
n77(3700-3980)	15	10	656000	50@0	DFT_QPSK	9.250	9.510	PASS
n77(3700-3980)	15	10	656000	50@0	DFT_QAM16	9.250	9.470	PASS
n77(3700-3980)	15	10	656000	50@0	DFT_QAM64	9.250	9.500	PASS
n77(3700-3980)	15	10	656000	50@0	DFT_QAM256	9.250	9.490	PASS
n77(3700-3980)	15	10	656000	52@0	CP_QPSK	9.330	9.910	PASS
n77(3700-3980)	15	10	665000	50@0	DFT_BPSK	9.220	9.470	PASS
n77(3700-3980)	15	10	665000	50@0	DFT_QPSK	9.210	9.500	PASS
n77(3700-3980)	15	10	665000	50@0	DFT_QAM16	9.250	9.480	PASS
n77(3700-3980)	15	10	665000	50@0	DFT_QAM64	9.240	9.500	PASS
n77(3700-3980)	15	10	665000	50@0	DFT_QAM256	9.250	9.480	PASS
n77(3700-3980)	15	10	665000	52@0	CP_QPSK	9.330	9.870	PASS
n77(3700-3980)	15	15	647168	75@0	DFT_BPSK	14.050	15.070	PASS
n77(3700-3980)	15	15	647168	75@0	DFT_QPSK	14.100	15.740	PASS
n77(3700-3980)	15	15	647168	75@0	DFT_QAM16	14.060	14.320	PASS
n77(3700-3980)	15	15	647168	75@0	DFT_QAM64	14.060	14.260	PASS
n77(3700-3980)	15	15	647168	75@0	DFT_QAM256	14.000	14.200	PASS
n77(3700-3980)	15	15	647168	79@0	CP_QPSK	14.230	20.390	PASS
n77(3700-3980)	15	15	656000	75@0	DFT_BPSK	14.000	14.230	PASS
n77(3700-3980)	15	15	656000	75@0	DFT_QPSK	14.050	14.260	PASS
n77(3700-3980)	15	15	656000	75@0	DFT_QAM16	14.010	14.230	PASS
n77(3700-3980)	15	15	656000	75@0	DFT_QAM64	14.040	14.210	PASS
n77(3700-3980)	15	15	656000	75@0	DFT_QAM256	13.990	14.210	PASS
n77(3700-3980)	15	15	656000	79@0	CP_QPSK	14.180	15.030	PASS
n77(3700-3980)	15	15	664832	75@0	DFT_BPSK	14.000	14.210	PASS
n77(3700-3980)	15	15	664832	75@0	DFT_QPSK	14.000	14.240	PASS
n77(3700-3980)	15	15	664832	75@0	DFT_QAM16	14.010	14.220	PASS
n77(3700-3980)	15	15	664832	75@0	DFT_QAM64	14.040	14.200	PASS
n77(3700-3980)	15	15	664832	75@0	DFT_QAM256	13.990	14.210	PASS
n77(3700-3980)	15	15	664832	79@0	CP_QPSK	14.170	14.980	PASS
n77(3700-3980)	15	20	647334	100@0	DFT_BPSK	18.830	19.750	PASS
n77(3700-3980)	15	20	647334	100@0	DFT_QPSK	18.910	21.050	PASS
n77(3700-3980)	15	20	647334	100@0	DFT_QAM16	18.830	19.090	PASS

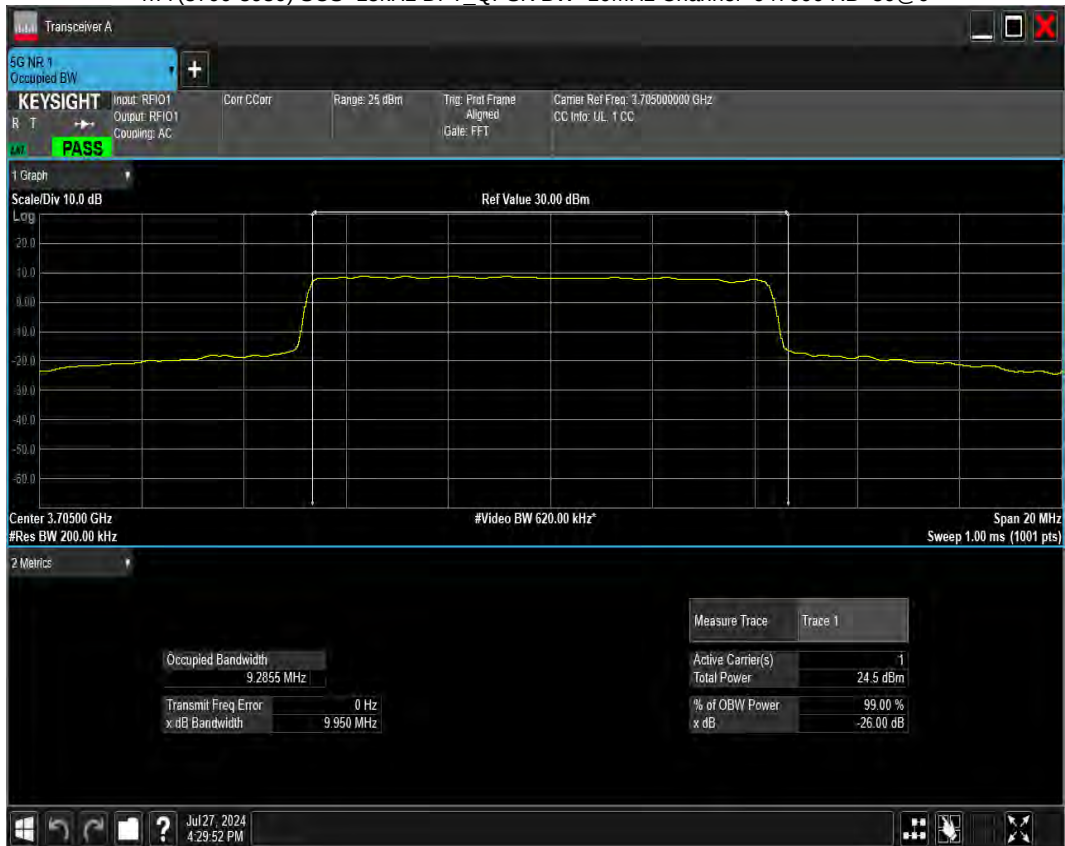
n77(3700-3980)	15	20	647334	100@0	DFT_QAM64	18.818	20.18	PASS
n77(3700-3980)	15	20	647334	100@0	DFT_QAM256	18.810	18.910	PASS
n77(3700-3980)	15	20	647334	106@0	CP_QPSK	19.060	26.860	PASS
n77(3700-3980)	15	20	656000	100@0	DFT_BPSK	18.810	18.960	PASS
n77(3700-3980)	15	20	656000	100@0	DFT_QPSK	18.820	18.990	PASS
n77(3700-3980)	15	20	656000	100@0	DFT_QAM16	18.800	18.940	PASS
n77(3700-3980)	15	20	656000	100@0	DFT_QAM64	18.750	18.930	PASS
n77(3700-3980)	15	20	656000	100@0	DFT_QAM256	18.730	18.880	PASS
n77(3700-3980)	15	20	656000	106@0	CP_QPSK	18.990	20.080	PASS
n77(3700-3980)	15	20	664666	100@0	DFT_BPSK	18.810	18.960	PASS
n77(3700-3980)	15	20	664666	100@0	DFT_QPSK	18.820	18.930	PASS
n77(3700-3980)	15	20	664666	100@0	DFT_QAM16	18.830	18.910	PASS
n77(3700-3980)	15	20	664666	100@0	DFT_QAM64	18.760	18.910	PASS
n77(3700-3980)	15	20	664666	100@0	DFT_QAM256	18.730	18.900	PASS
n77(3700-3980)	15	20	664666	106@0	CP_QPSK	18.990	20.040	PASS
n77(3700-3980)	15	30	647668	160@0	DFT_BPSK	28.710	31.620	PASS
n77(3700-3980)	15	30	647668	160@0	DFT_QPSK	28.810	35.110	PASS
n77(3700-3980)	15	30	647668	160@0	DFT_QAM16	28.730	30.430	PASS
n77(3700-3980)	15	30	647668	160@0	DFT_QAM64	28.720	30.330	PASS
n77(3700-3980)	15	30	647668	160@0	DFT_QAM256	28.700	30.190	PASS
n77(3700-3980)	15	30	647668	160@0	CP_QPSK	28.820	39.240	PASS
n77(3700-3980)	15	30	656000	160@0	DFT_BPSK	28.690	30.260	PASS
n77(3700-3980)	15	30	656000	160@0	DFT_QPSK	28.710	30.310	PASS
n77(3700-3980)	15	30	656000	160@0	DFT_QAM16	28.700	30.250	PASS
n77(3700-3980)	15	30	656000	160@0	DFT_QAM64	28.690	30.200	PASS
n77(3700-3980)	15	30	656000	160@0	DFT_QAM256	28.680	30.180	PASS
n77(3700-3980)	15	30	656000	160@0	CP_QPSK	28.720	30.410	PASS
n77(3700-3980)	15	30	664332	160@0	DFT_BPSK	28.700	30.260	PASS
n77(3700-3980)	15	30	664332	160@0	DFT_QPSK	28.700	30.270	PASS
n77(3700-3980)	15	30	664332	160@0	DFT_QAM16	28.710	30.230	PASS
n77(3700-3980)	15	30	664332	160@0	DFT_QAM64	28.700	30.220	PASS
n77(3700-3980)	15	30	664332	160@0	DFT_QAM256	28.690	30.200	PASS
n77(3700-3980)	15	30	664332	160@0	CP_QPSK	28.720	30.350	PASS
n77(3700-3980)	15	40	648000	216@0	DFT_BPSK	38.790	50.700	PASS
n77(3700-3980)	15	40	648000	216@0	DFT_QPSK	38.800	58.690	PASS
n77(3700-3980)	15	40	648000	216@0	DFT_QAM16	38.790	41.100	PASS
n77(3700-3980)	15	40	648000	216@0	DFT_QAM64	38.790	40.930	PASS
n77(3700-3980)	15	40	648000	216@0	DFT_QAM256	38.740	40.710	PASS
n77(3700-3980)	15	40	648000	216@0	CP_QPSK	38.890	49.780	PASS
n77(3700-3980)	15	40	656000	216@0	DFT_BPSK	38.740	40.850	PASS
n77(3700-3980)	15	40	656000	216@0	DFT_QPSK	38.740	40.900	PASS
n77(3700-3980)	15	40	656000	216@0	DFT_QAM16	38.720	40.770	PASS
n77(3700-3980)	15	40	656000	216@0	DFT_QAM64	38.720	40.750	PASS

n77(3700-3980)	15	40	656000	216@0	DFT_QAM256	38.640	40.710	PASS
n77(3700-3980)	15	40	656000	216@0	CP_QPSK	38.760	40.950	PASS
n77(3700-3980)	15	40	664000	216@0	DFT_BPSK	38.760	40.820	PASS
n77(3700-3980)	15	40	664000	216@0	DFT_QPSK	38.760	40.830	PASS
n77(3700-3980)	15	40	664000	216@0	DFT_QAM16	38.740	40.750	PASS
n77(3700-3980)	15	40	664000	216@0	DFT_QAM64	38.740	40.730	PASS
n77(3700-3980)	15	40	664000	216@0	DFT_QAM256	38.740	40.720	PASS
n77(3700-3980)	15	40	664000	216@0	CP_QPSK	38.770	40.860	PASS
n77(3700-3980)	15	50	648334	270@0	DFT_BPSK	48.470	56.620	PASS
n77(3700-3980)	15	50	648334	270@0	DFT_QPSK	48.610	65.330	PASS
n77(3700-3980)	15	50	648334	270@0	DFT_QAM16	48.480	51.540	PASS
n77(3700-3980)	15	50	648334	270@0	DFT_QAM64	48.450	51.100	PASS
n77(3700-3980)	15	50	648334	270@0	DFT_QAM256	48.410	50.830	PASS
n77(3700-3980)	15	50	648334	270@0	CP_QPSK	48.610	66.110	PASS
n77(3700-3980)	15	50	656000	270@0	DFT_BPSK	48.420	51.140	PASS
n77(3700-3980)	15	50	656000	270@0	DFT_QPSK	48.440	51.240	PASS
n77(3700-3980)	15	50	656000	270@0	DFT_QAM16	48.420	50.990	PASS
n77(3700-3980)	15	50	656000	270@0	DFT_QAM64	48.400	50.920	PASS
n77(3700-3980)	15	50	656000	270@0	DFT_QAM256	48.290	50.830	PASS
n77(3700-3980)	15	50	656000	270@0	CP_QPSK	48.440	51.320	PASS
n77(3700-3980)	15	50	663666	270@0	DFT_BPSK	48.440	51.050	PASS
n77(3700-3980)	15	50	663666	270@0	DFT_QPSK	48.420	51.030	PASS
n77(3700-3980)	15	50	663666	270@0	DFT_QAM16	48.430	50.940	PASS
n77(3700-3980)	15	50	663666	270@0	DFT_QAM64	48.420	50.870	PASS
n77(3700-3980)	15	50	663666	270@0	DFT_QAM256	48.420	50.870	PASS
n77(3700-3980)	15	50	663666	270@0	CP_QPSK	48.450	51.120	PASS

n77(3700-3980) SCS=15kHz DFT_BPSK BW=10MHz Channel=647000 RB=50@0



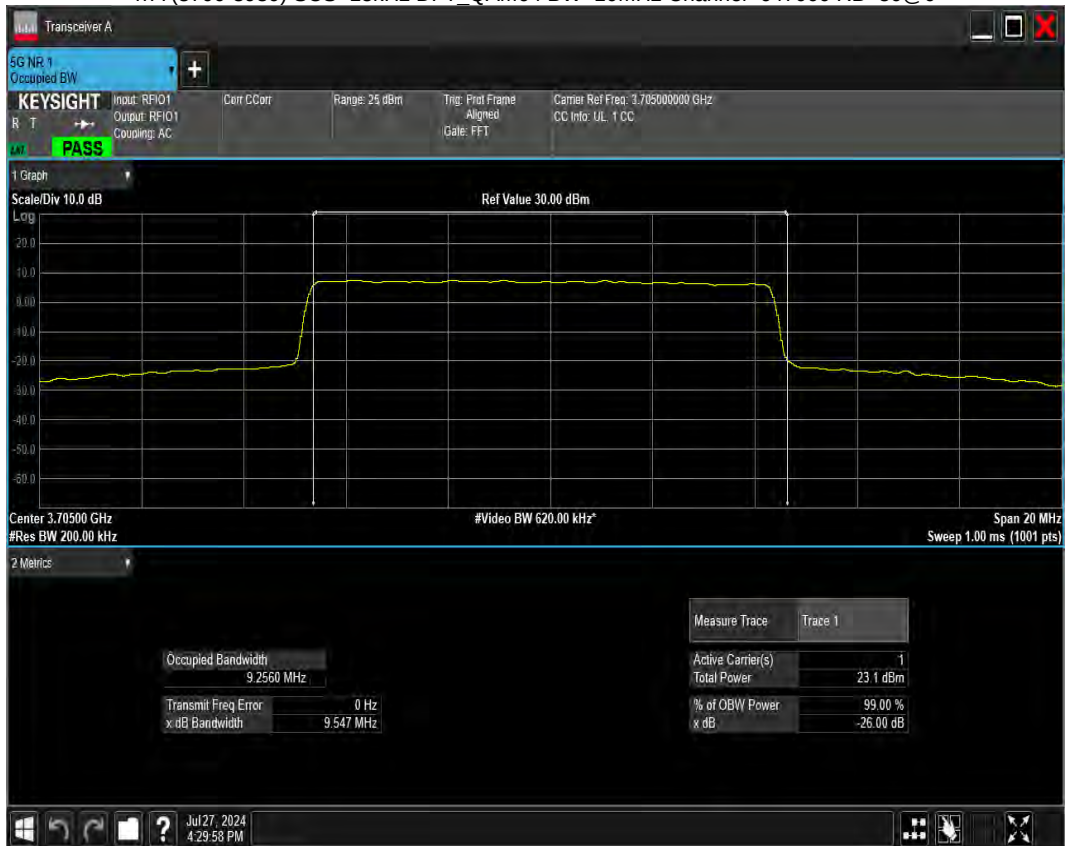
n77(3700-3980) SCS=15kHz DFT_QPSK BW=10MHz Channel=647000 RB=50@0



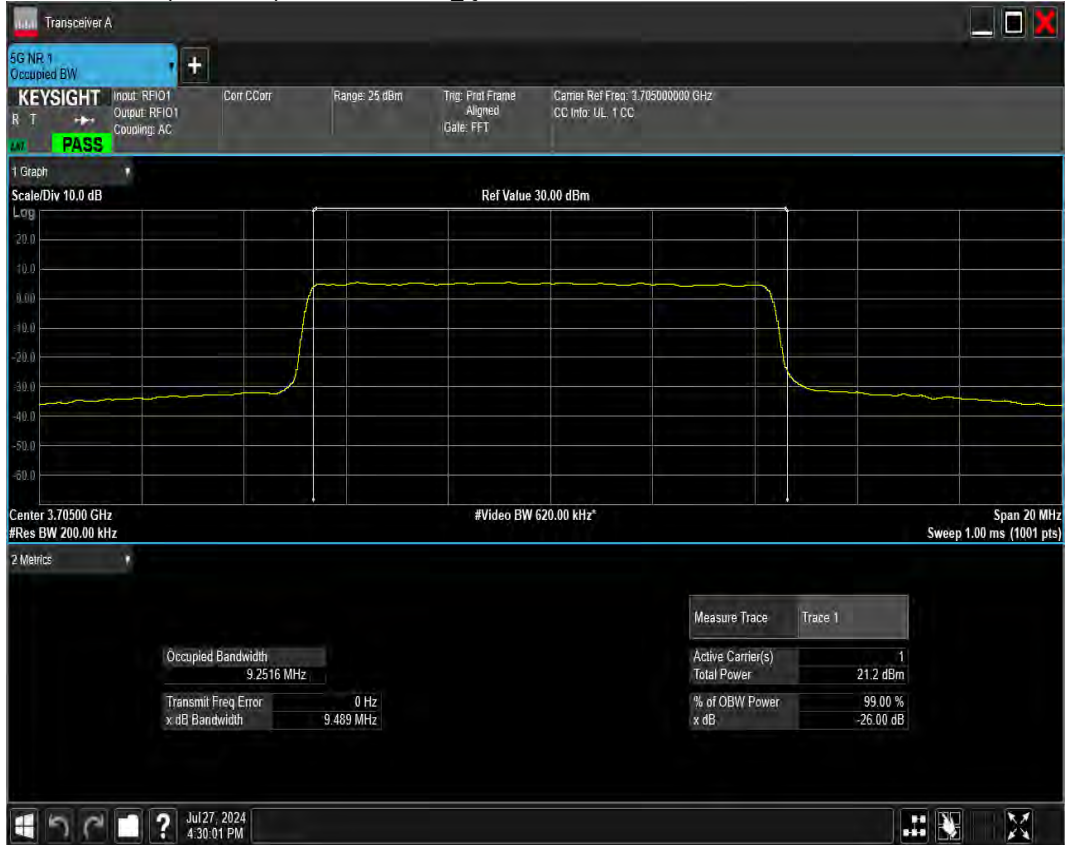
n77(3700-3980) SCS=15kHz DFT_QAM16 BW=10MHz Channel=647000 RB=50@0



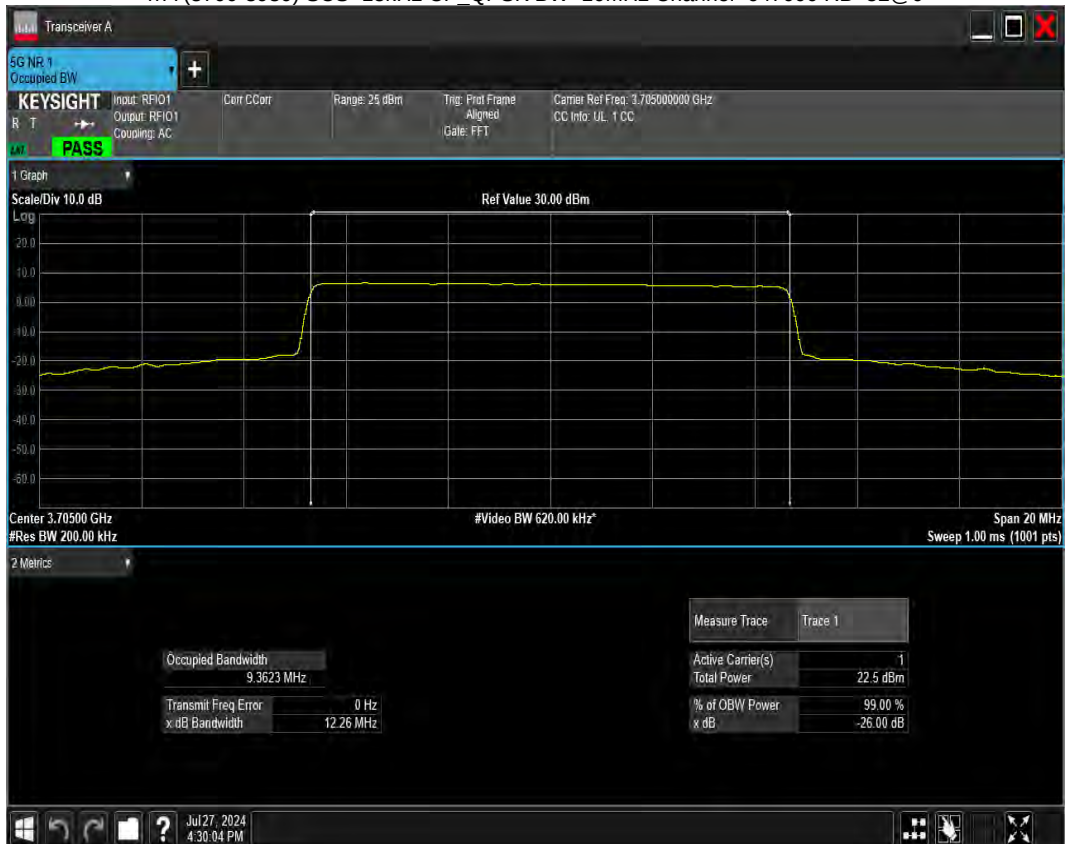
n77(3700-3980) SCS=15kHz DFT_QAM64 BW=10MHz Channel=647000 RB=50@0



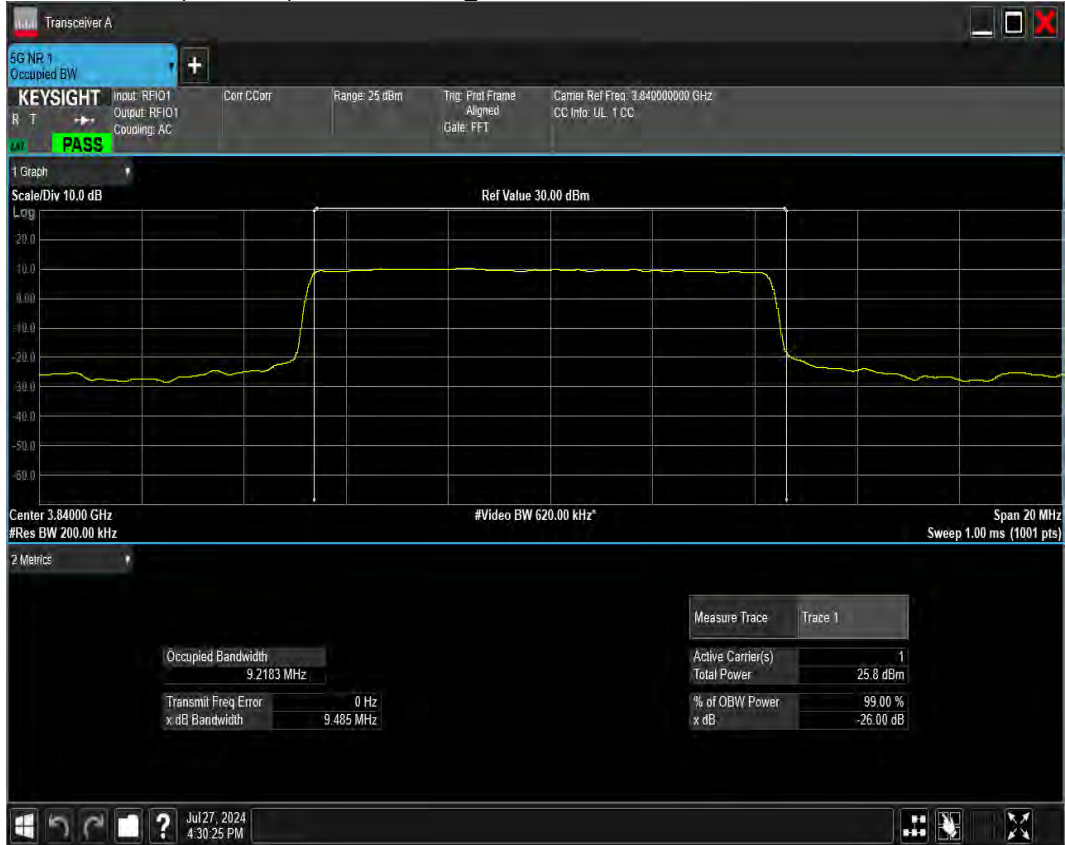
n77(3700-3980) SCS=15kHz DFT_QAM256 BW=10MHz Channel=647000 RB=50@0



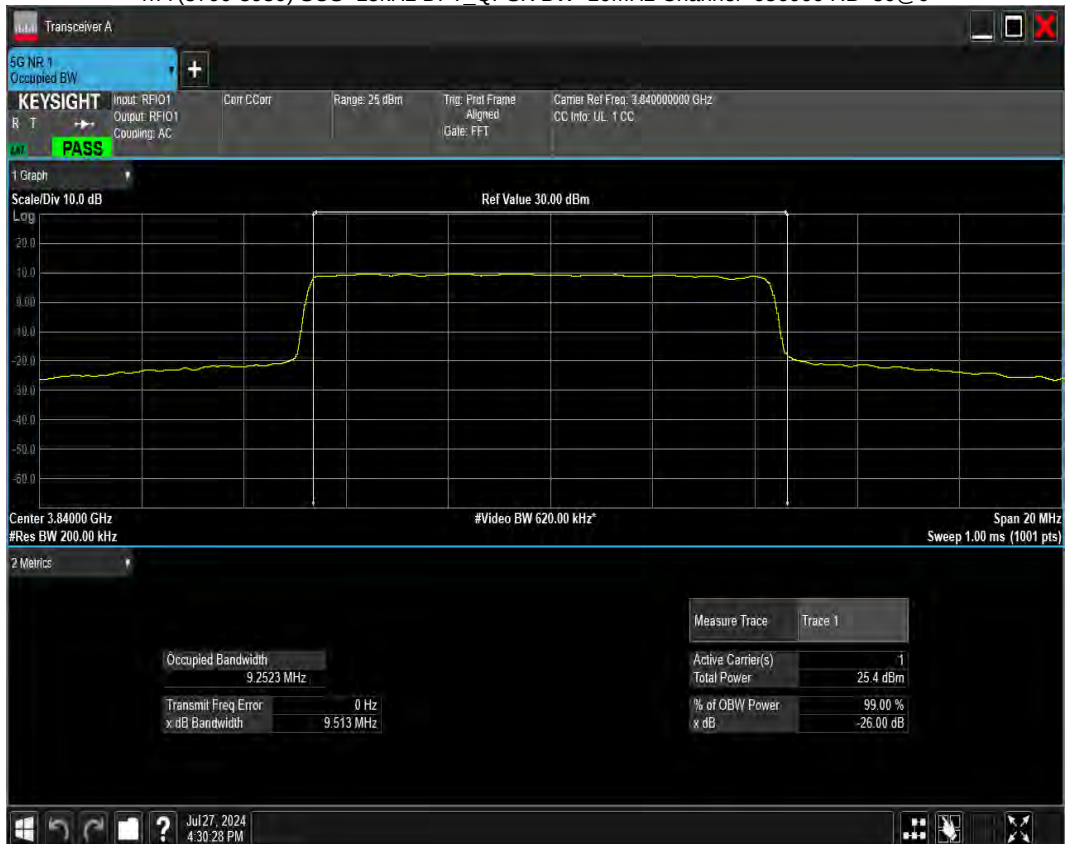
n77(3700-3980) SCS=15kHz CP_QPSK BW=10MHz Channel=647000 RB=52@0



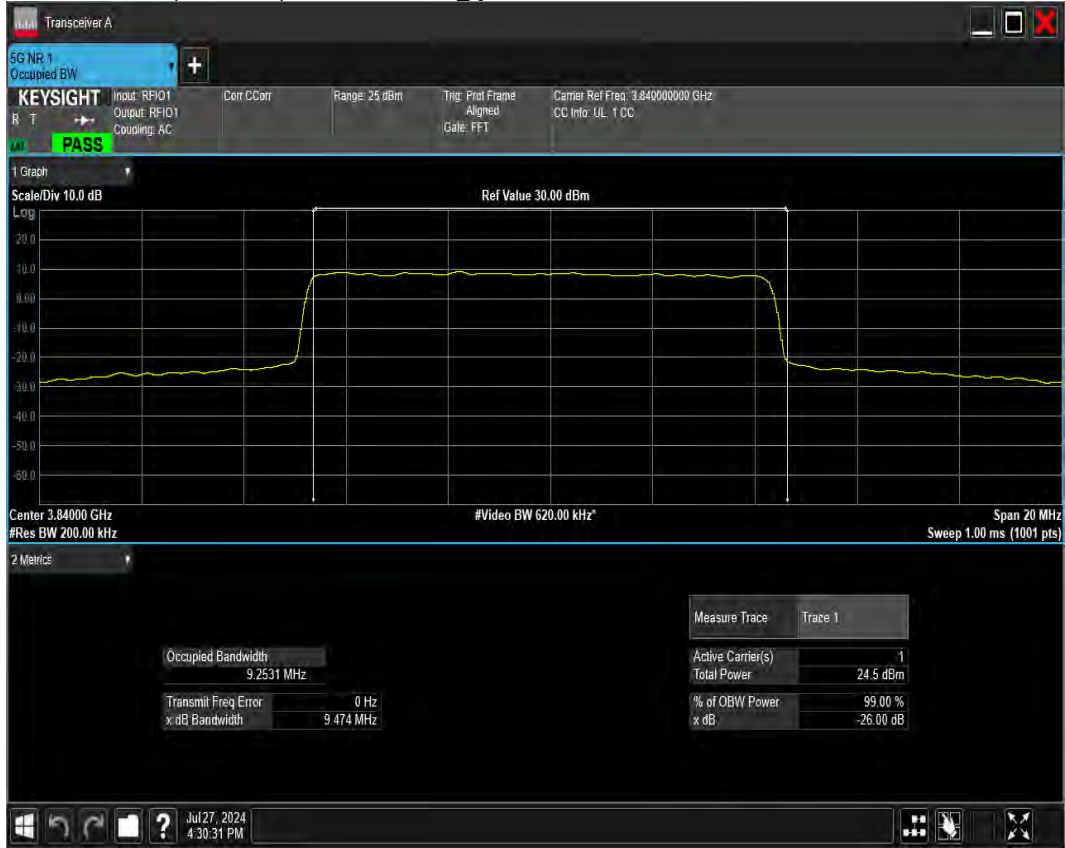
n77(3700-3980) SCS=15kHz DFT_BPSK BW=10MHz Channel=656000 RB=50@0



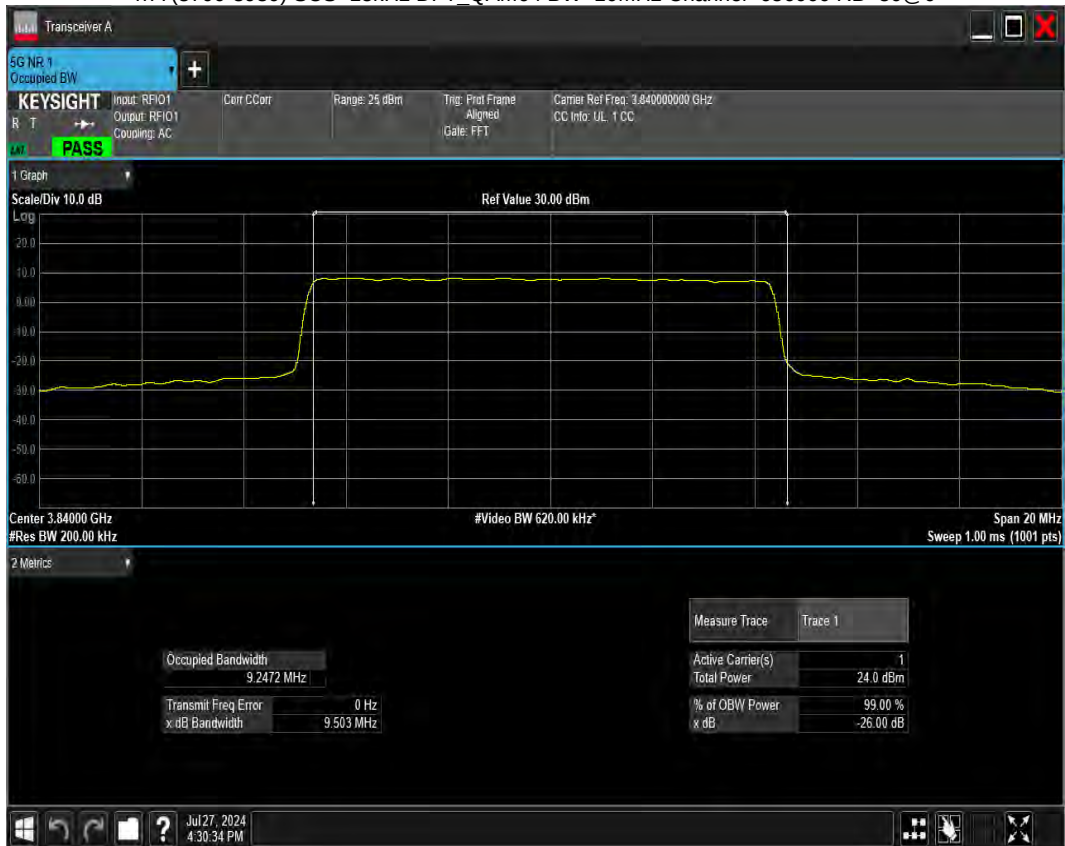
n77(3700-3980) SCS=15kHz DFT_QPSK BW=10MHz Channel=656000 RB=50@0



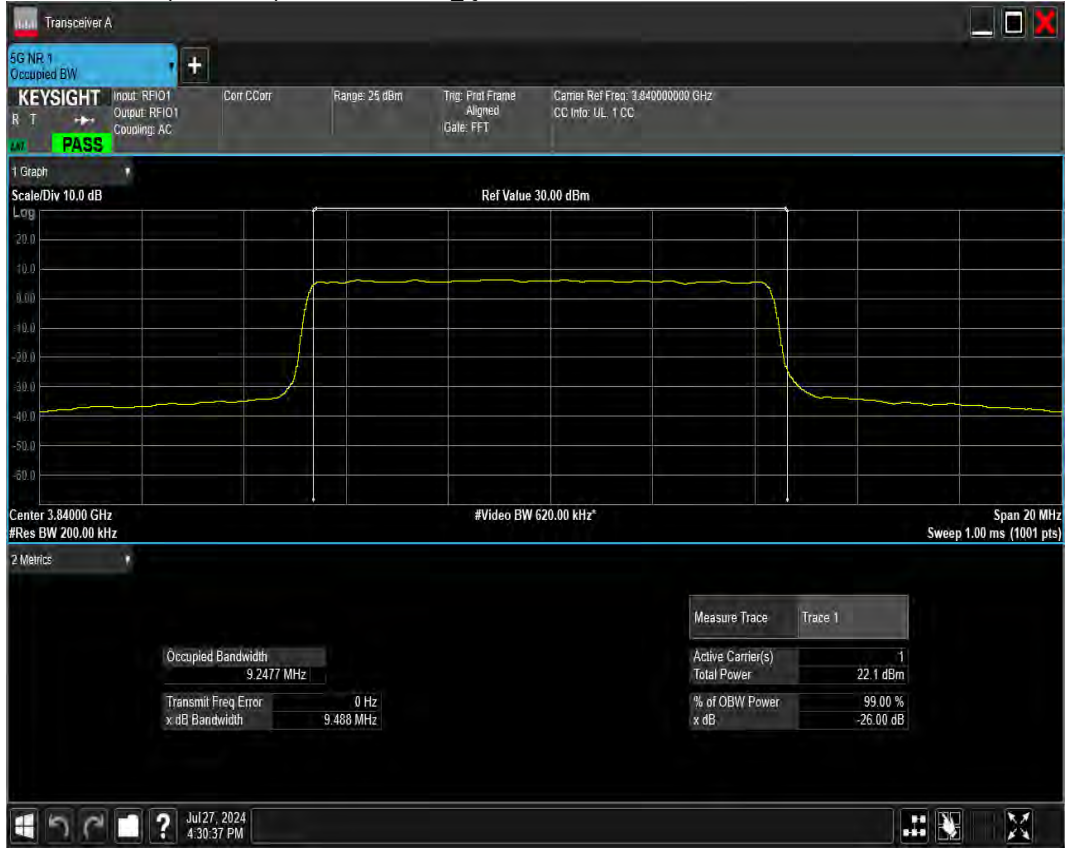
n77(3700-3980) SCS=15kHz DFT_QAM16 BW=10MHz Channel=656000 RB=50@0



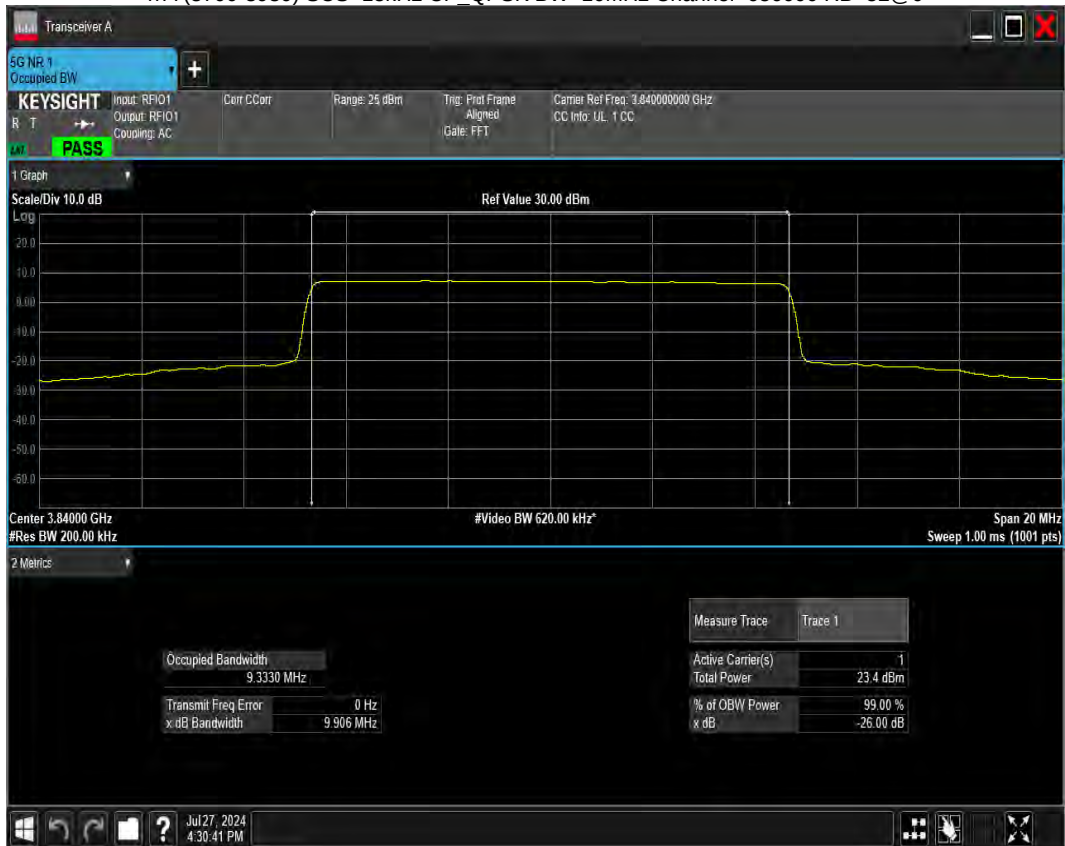
n77(3700-3980) SCS=15kHz DFT_QAM64 BW=10MHz Channel=656000 RB=50@0



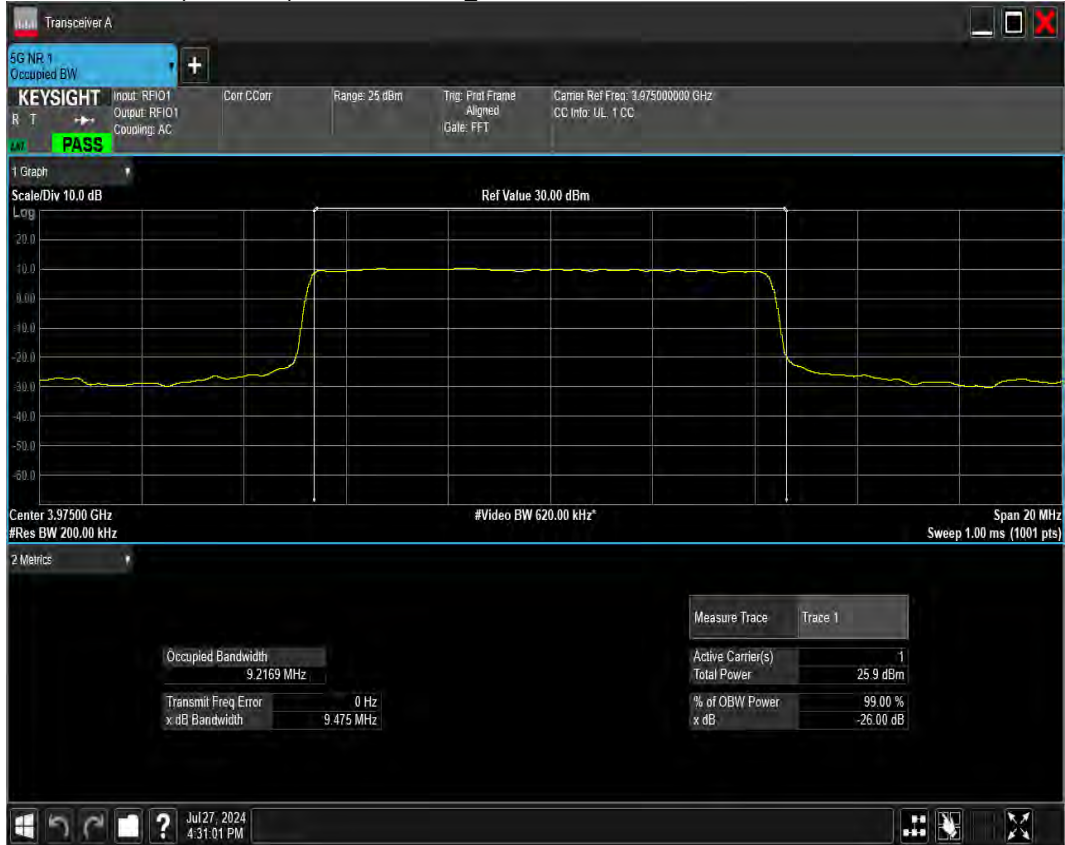
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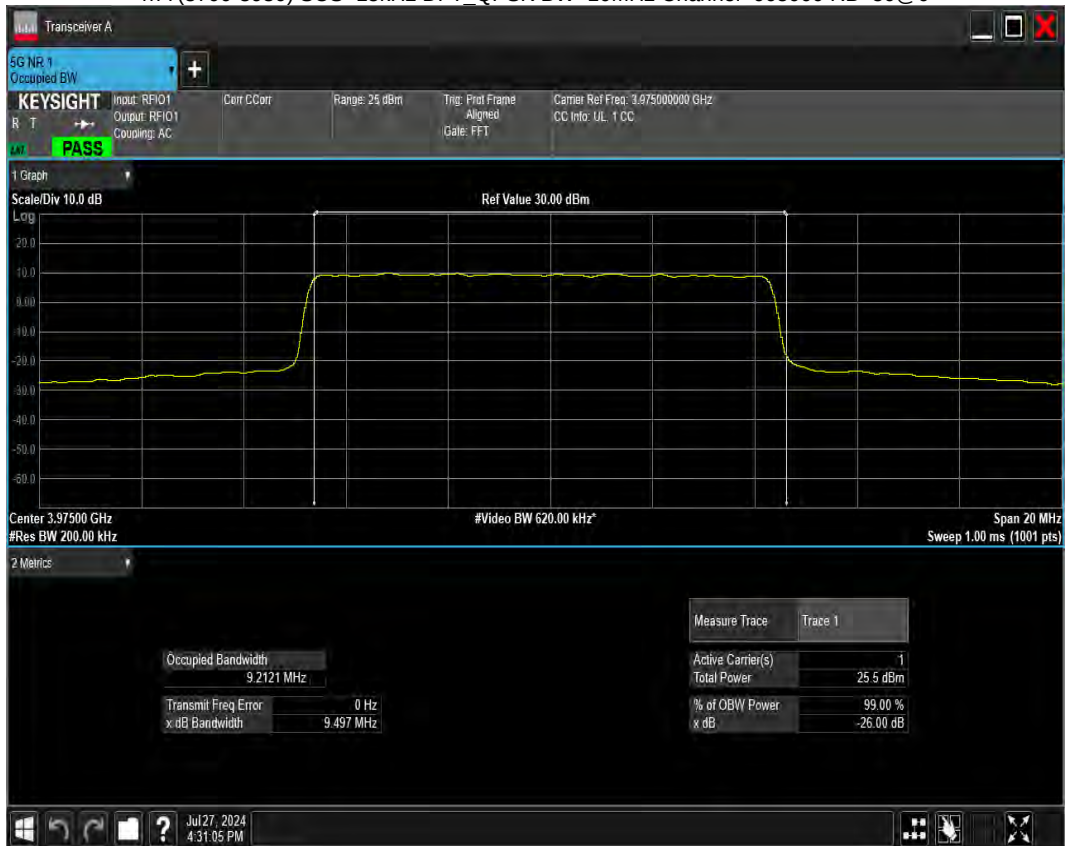
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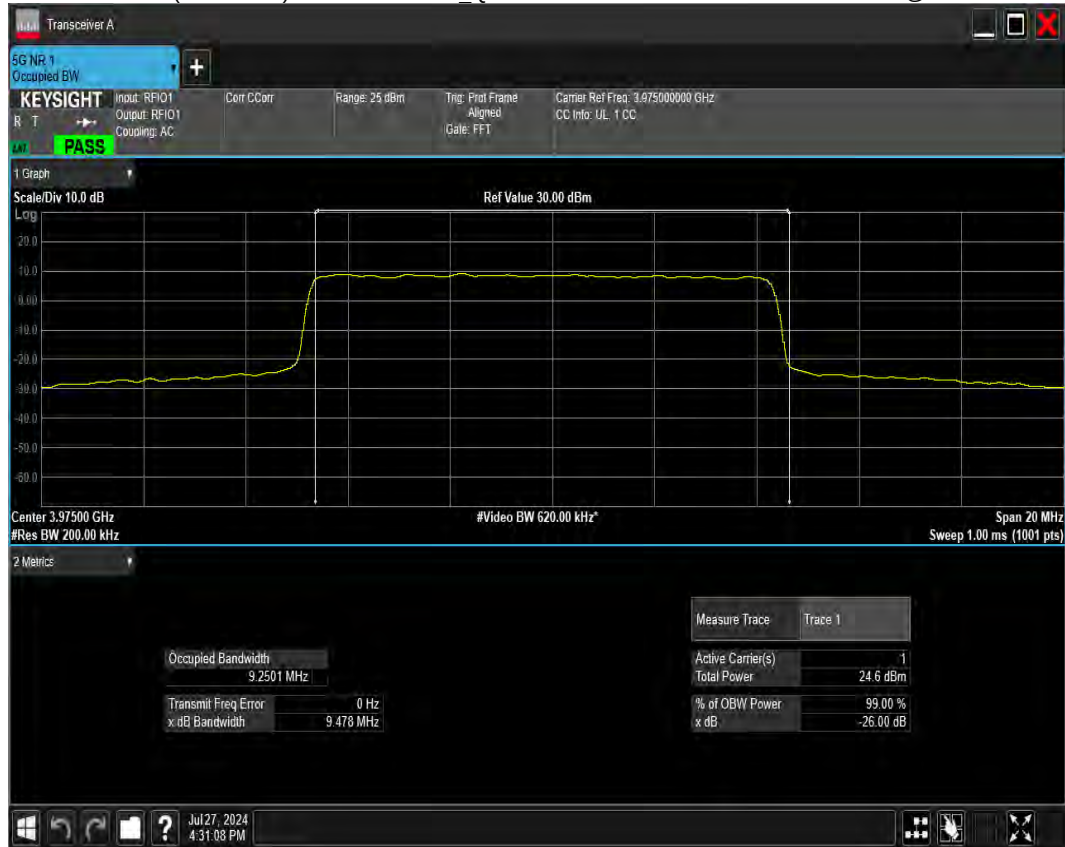
n77(3700-3980) SCS=15kHz DFT_BPSK BW=10MHz Channel=665000 RB=50@0



n77(3700-3980) SCS=15kHz DFT_QPSK BW=10MHz Channel=665000 RB=50@0

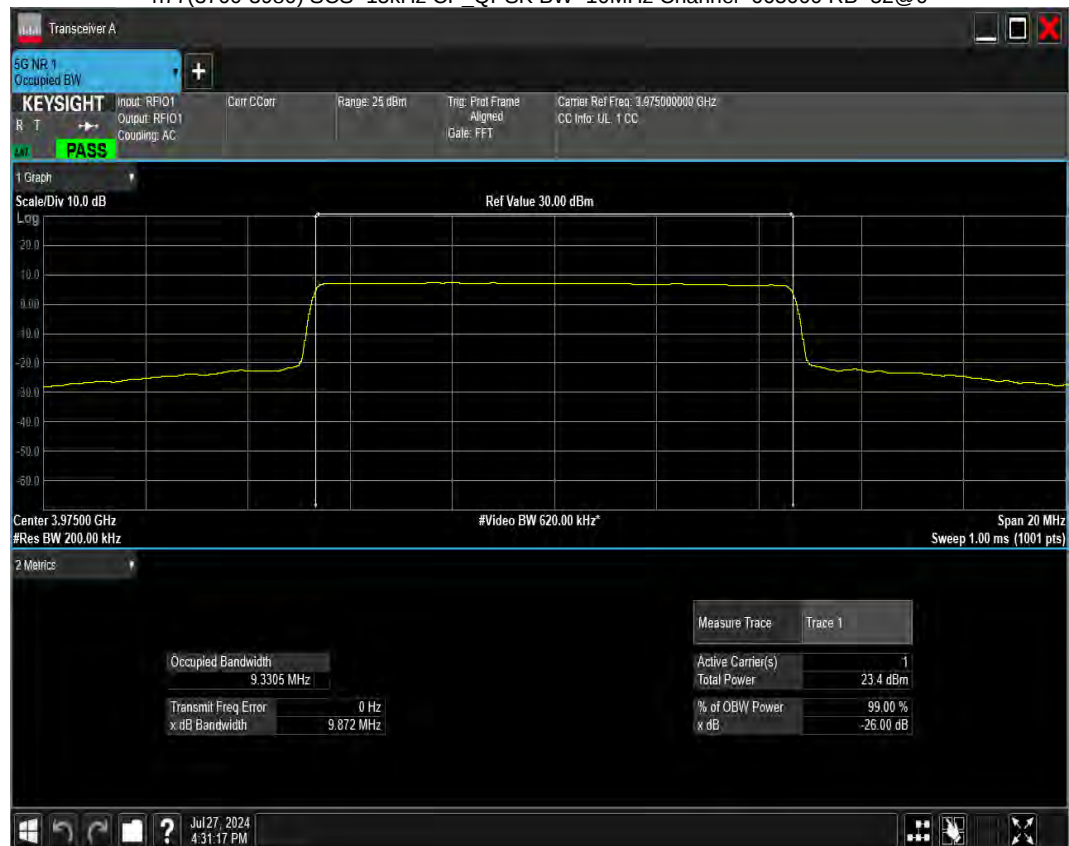


n77(3700-3980) SCS=15kHz DFT_QAM16 BW=10MHz Channel=665000 RB=50@0

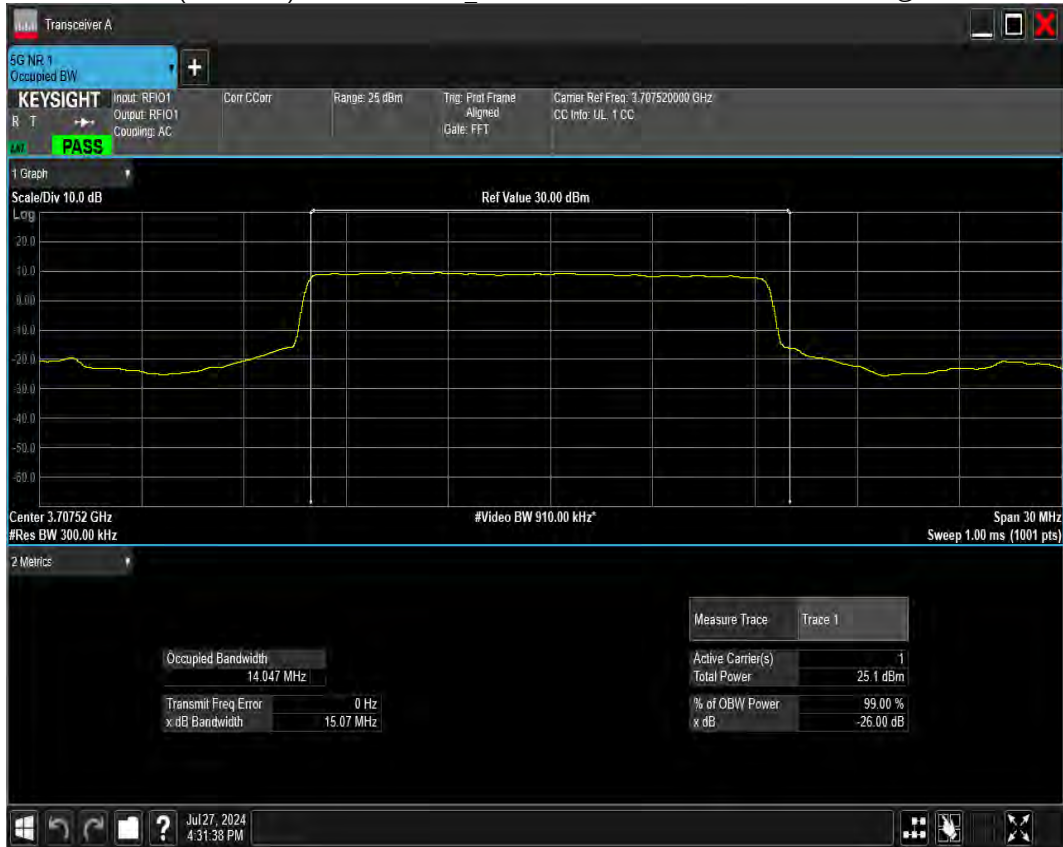


n77(3700-3980) SCS=15kHz DFT_QAM64 BW=10MHz Channel=665000 RB=50@0





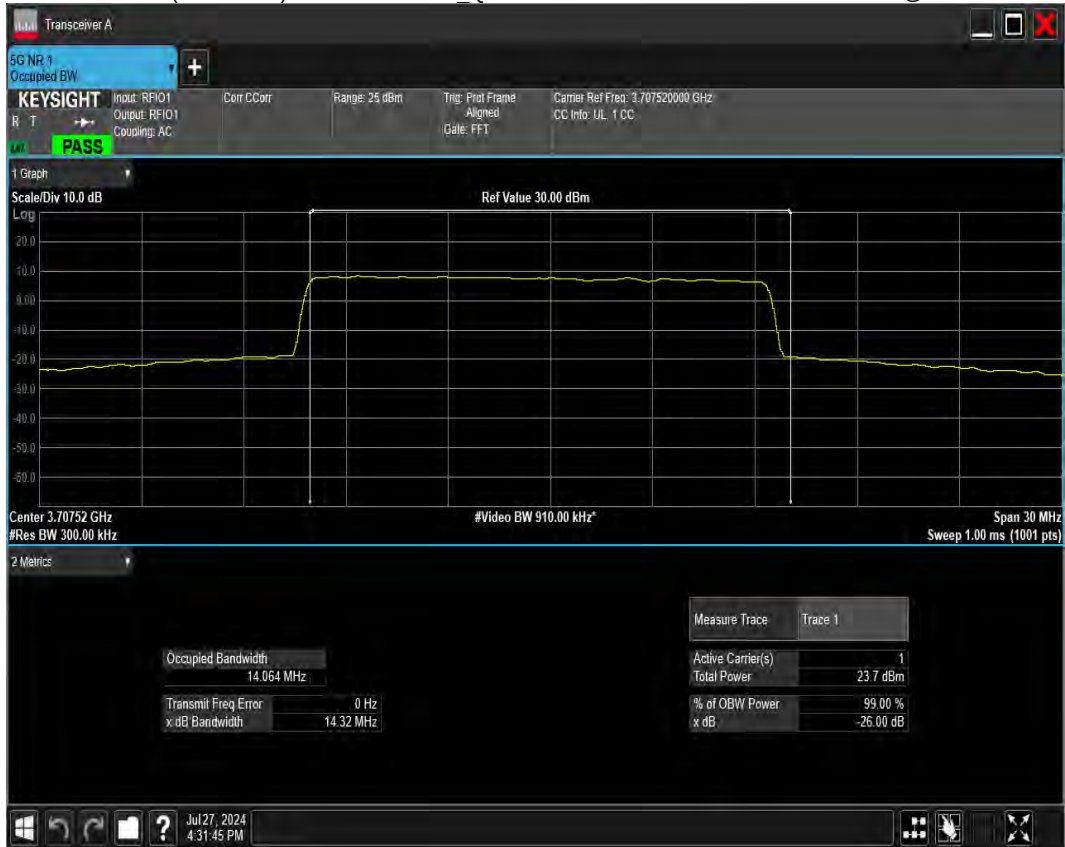
n77(3700-3980) SCS=15kHz DFT_BPSK BW=15MHz Channel=647168 RB=75@0



n77(3700-3980) SCS=15kHz DFT_QPSK BW=15MHz Channel=647168 RB=75@0



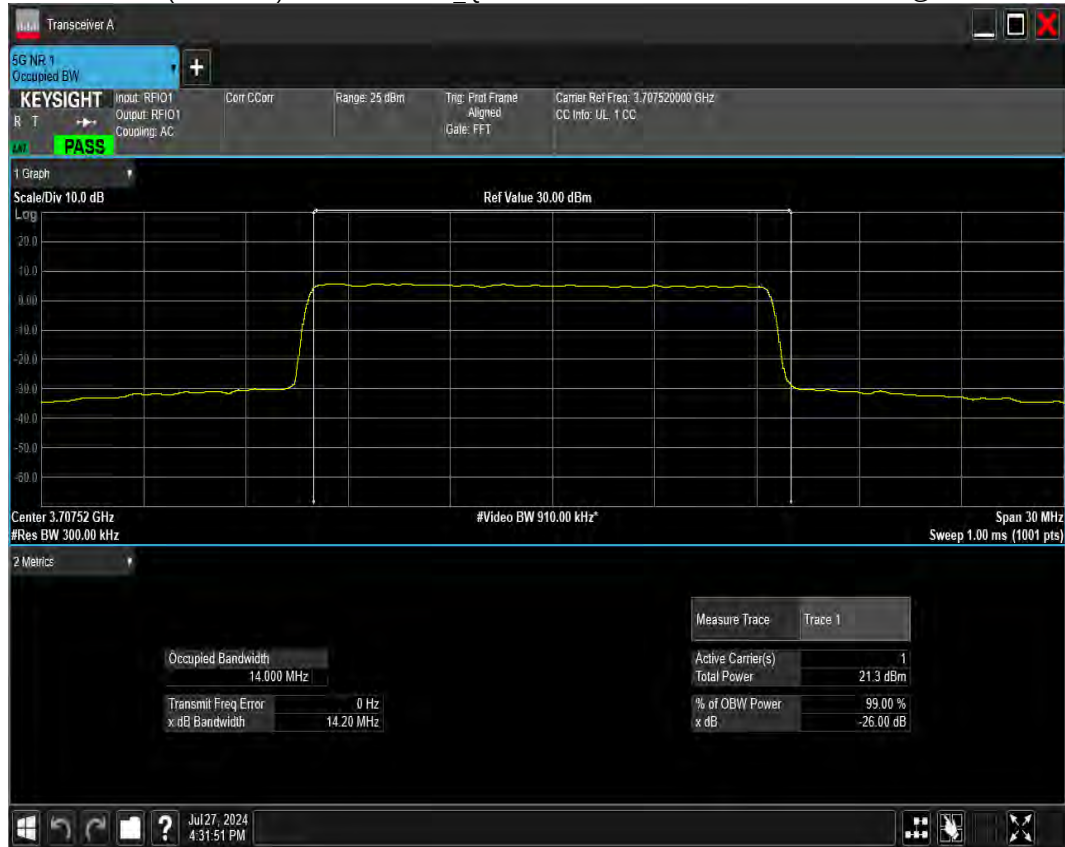
n77(3700-3980) SCS=15kHz DFT_QAM16 BW=15MHz Channel=647168 RB=75@0



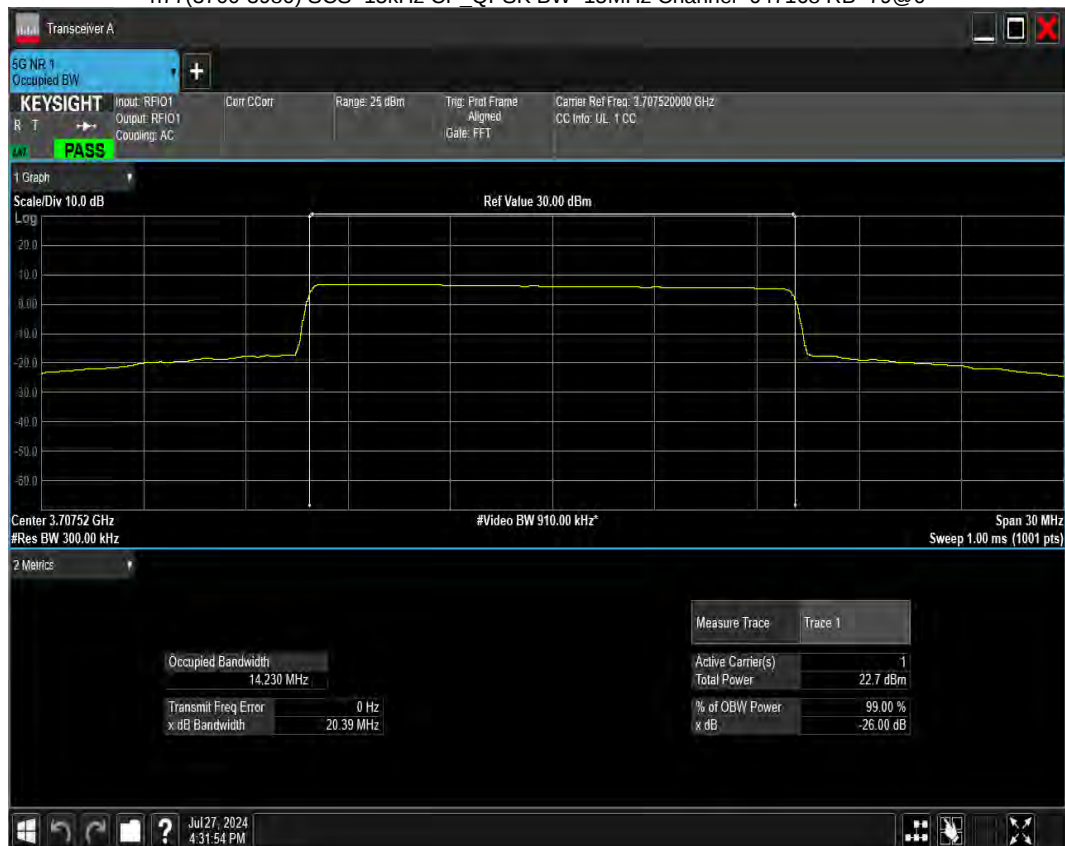
n77(3700-3980) SCS=15kHz DFT_QAM64 BW=15MHz Channel=647168 RB=75@0



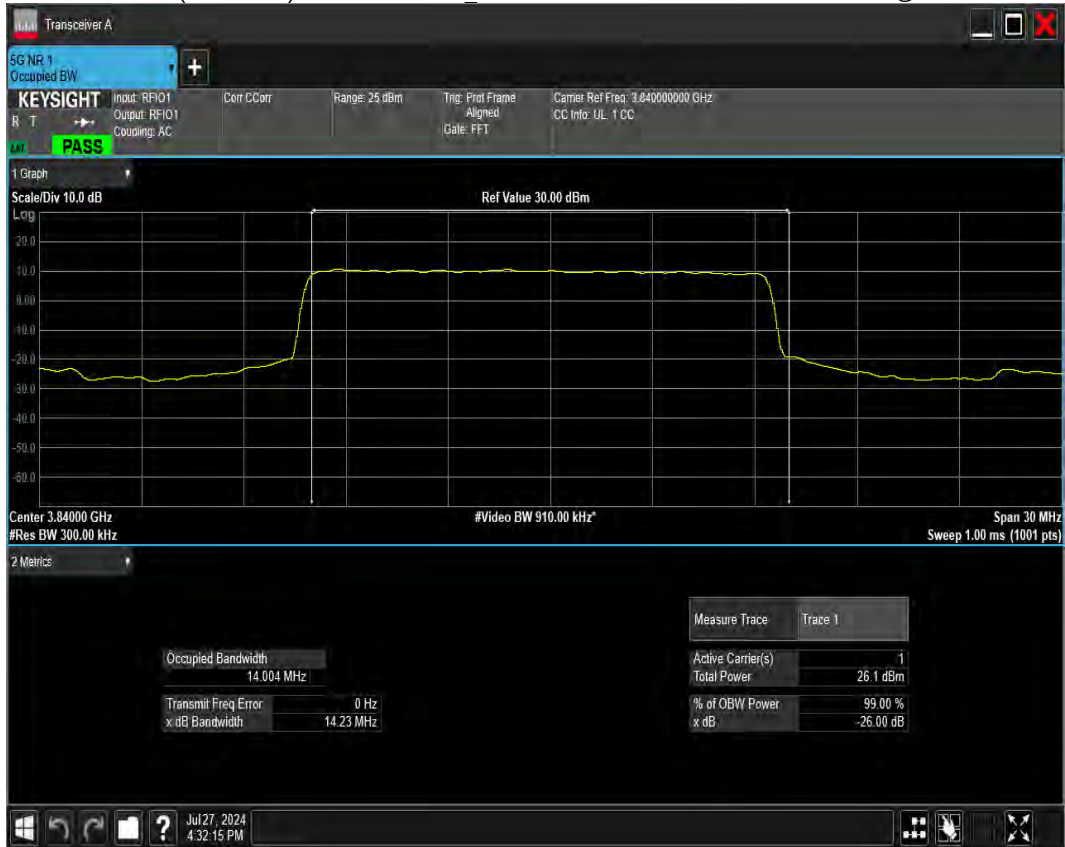
n77(3700-3980) SCS=15kHz DFT_QAM256 BW=15MHz Channel=647168 RB=75@0



n77(3700-3980) SCS=15kHz CP_QPSK BW=15MHz Channel=647168 RB=79@0



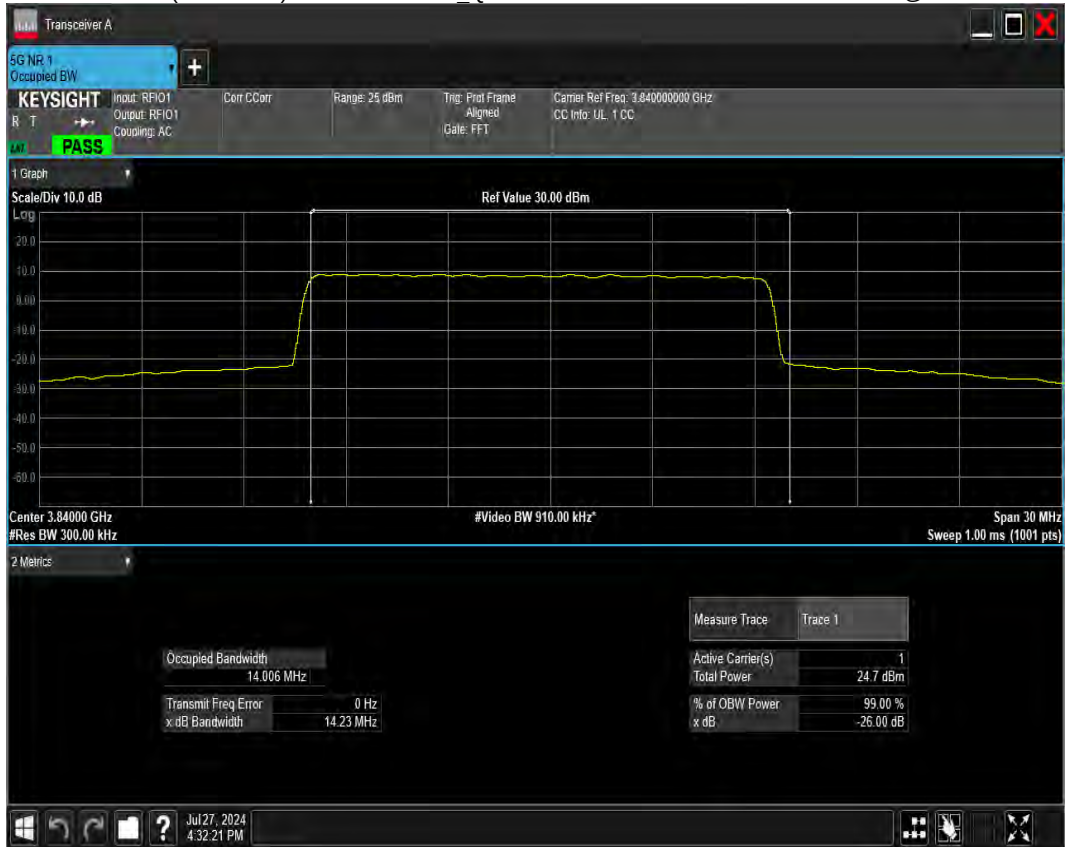
n77(3700-3980) SCS=15kHz DFT_BPSK BW=15MHz Channel=656000 RB=75@0



n77(3700-3980) SCS=15kHz DFT_QPSK BW=15MHz Channel=656000 RB=75@0



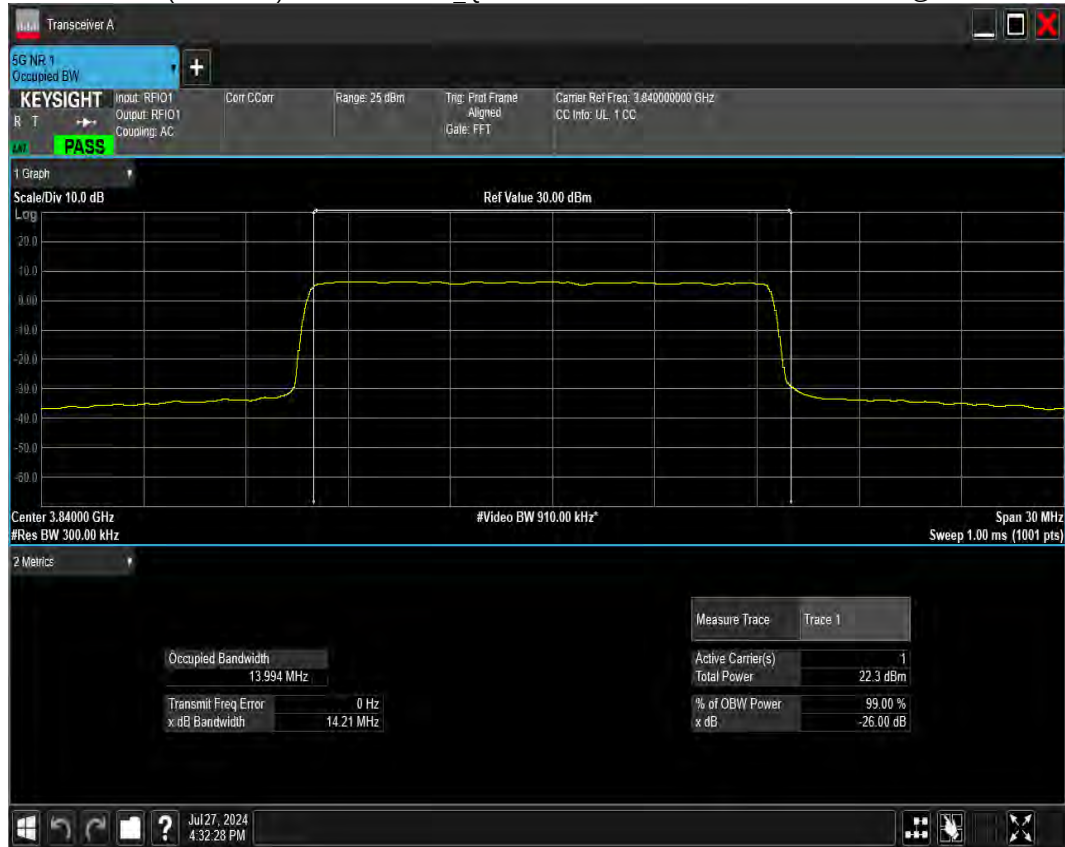
n77(3700-3980) SCS=15kHz DFT_QAM16 BW=15MHz Channel=656000 RB=75@0



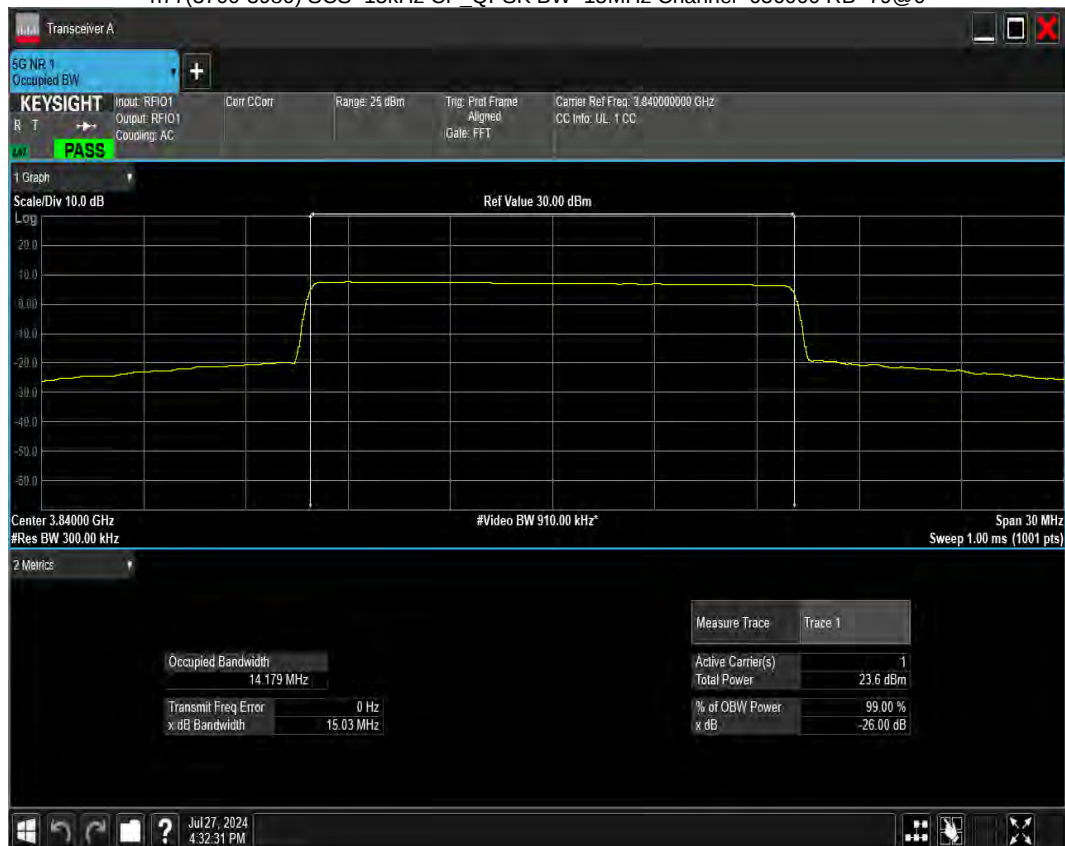
n77(3700-3980) SCS=15kHz DFT_QAM64 BW=15MHz Channel=656000 RB=75@0



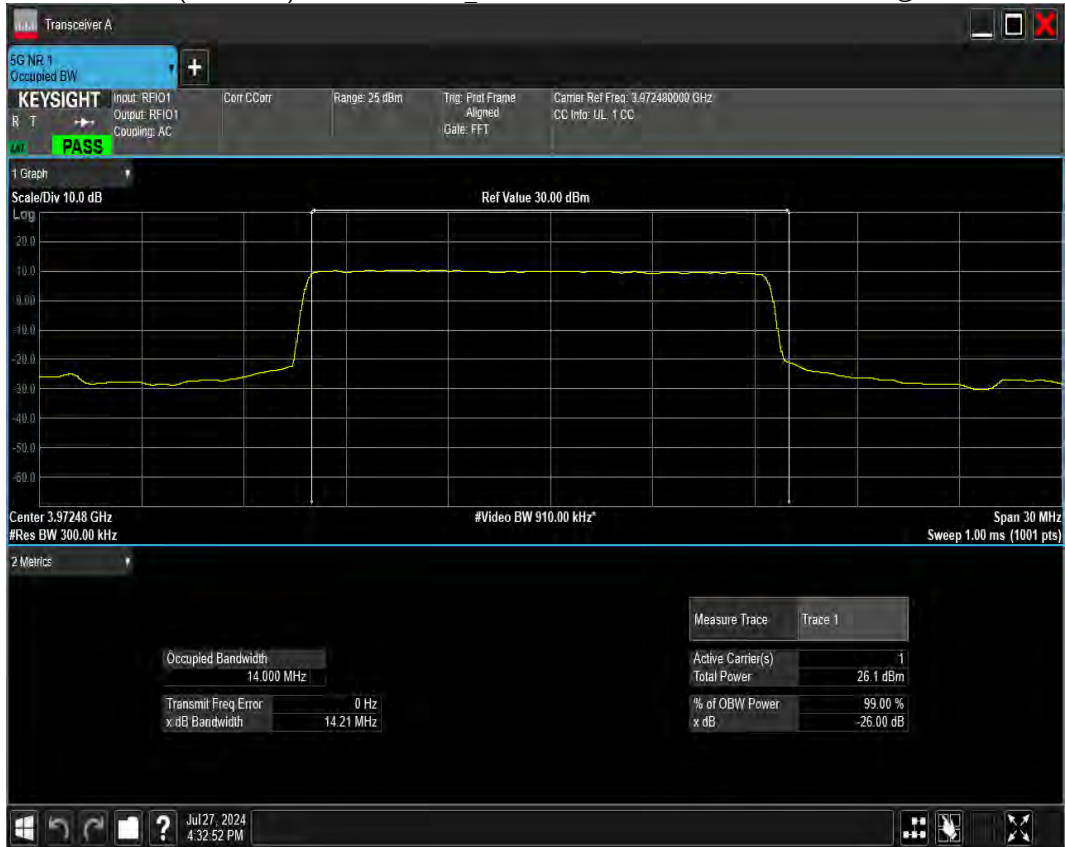
n77(3700-3980) SCS=15kHz DFT_QAM256 BW=15MHz Channel=656000 RB=75@0



n77(3700-3980) SCS=15kHz CP_QPSK BW=15MHz Channel=656000 RB=79@0



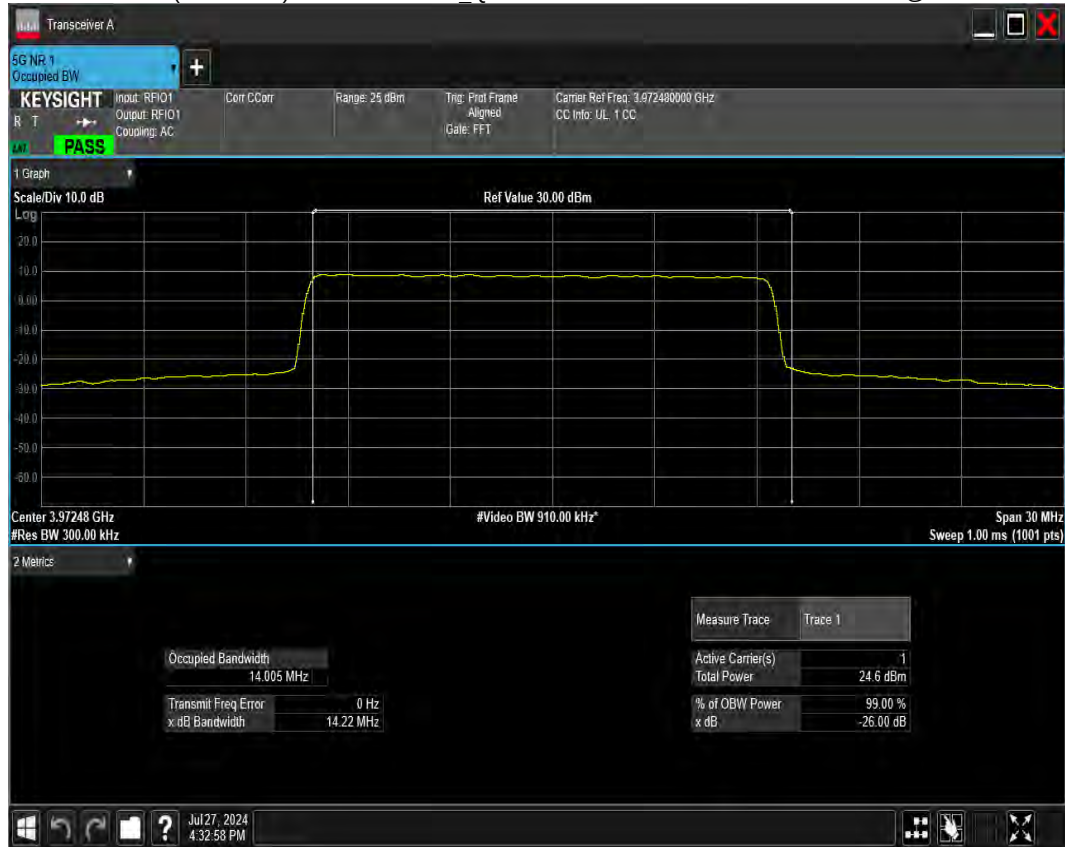
n77(3700-3980) SCS=15kHz DFT_BPSK BW=15MHz Channel=664832 RB=75@0



n77(3700-3980) SCS=15kHz DFT_QPSK BW=15MHz Channel=664832 RB=75@0



n77(3700-3980) SCS=15kHz DFT_QAM16 BW=15MHz Channel=664832 RB=75@0



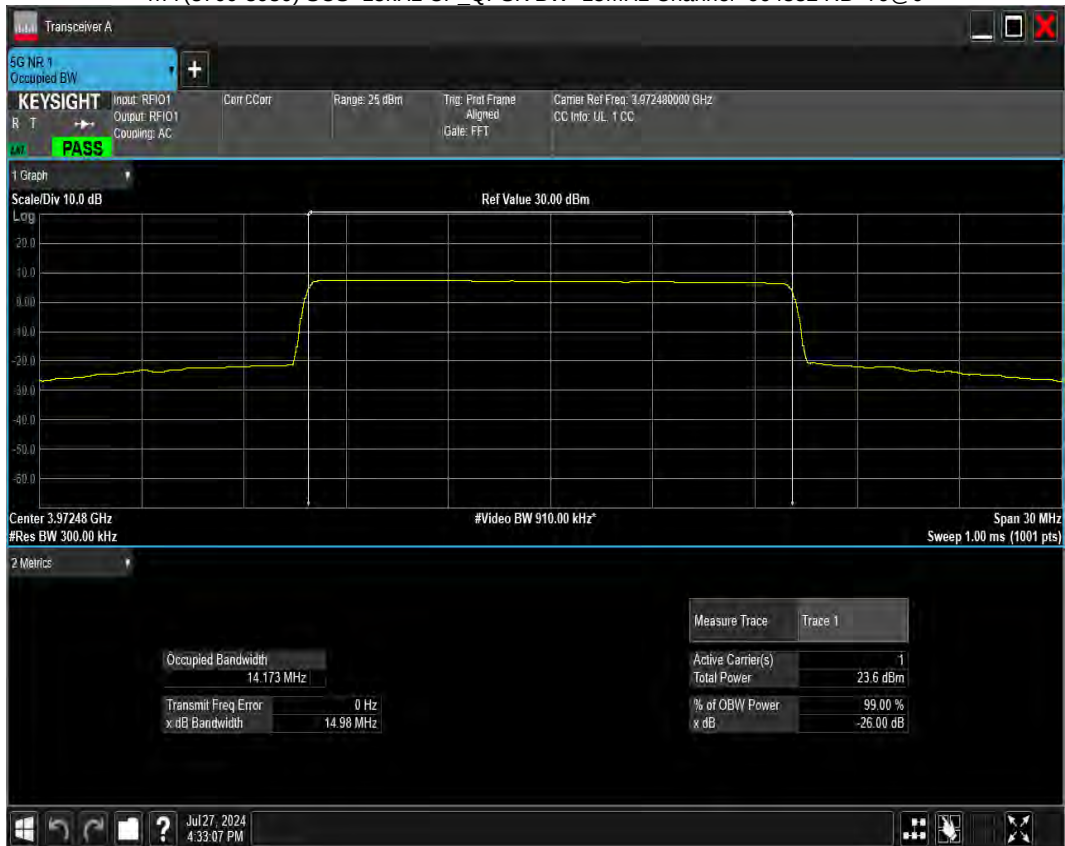
n77(3700-3980) SCS=15kHz DFT_QAM64 BW=15MHz Channel=664832 RB=75@0



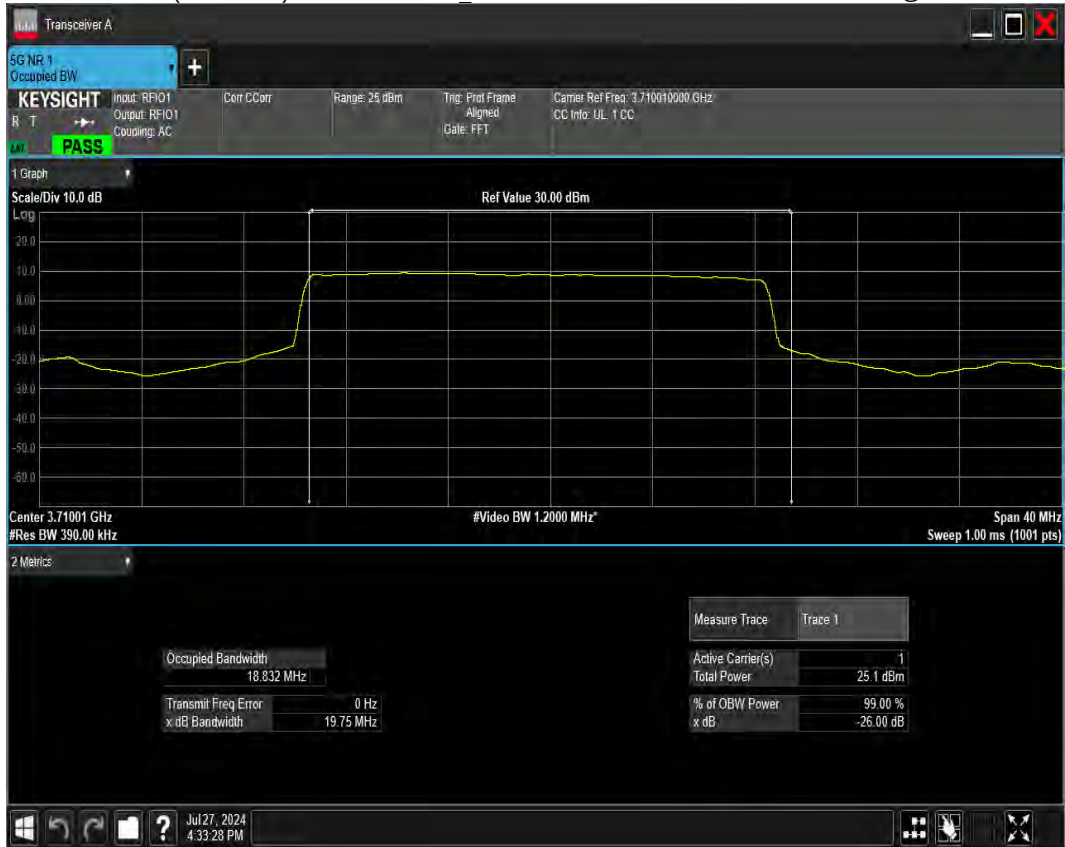
n77(3700-3980) SCS=15kHz DFT_QAM256 BW=15MHz Channel=664832 RB=75@0



n77(3700-3980) SCS=15kHz CP_QPSK BW=15MHz Channel=664832 RB=79@0



n77(3700-3980) SCS=15kHz DFT_BPSK BW=20MHz Channel=647334 RB=100@0



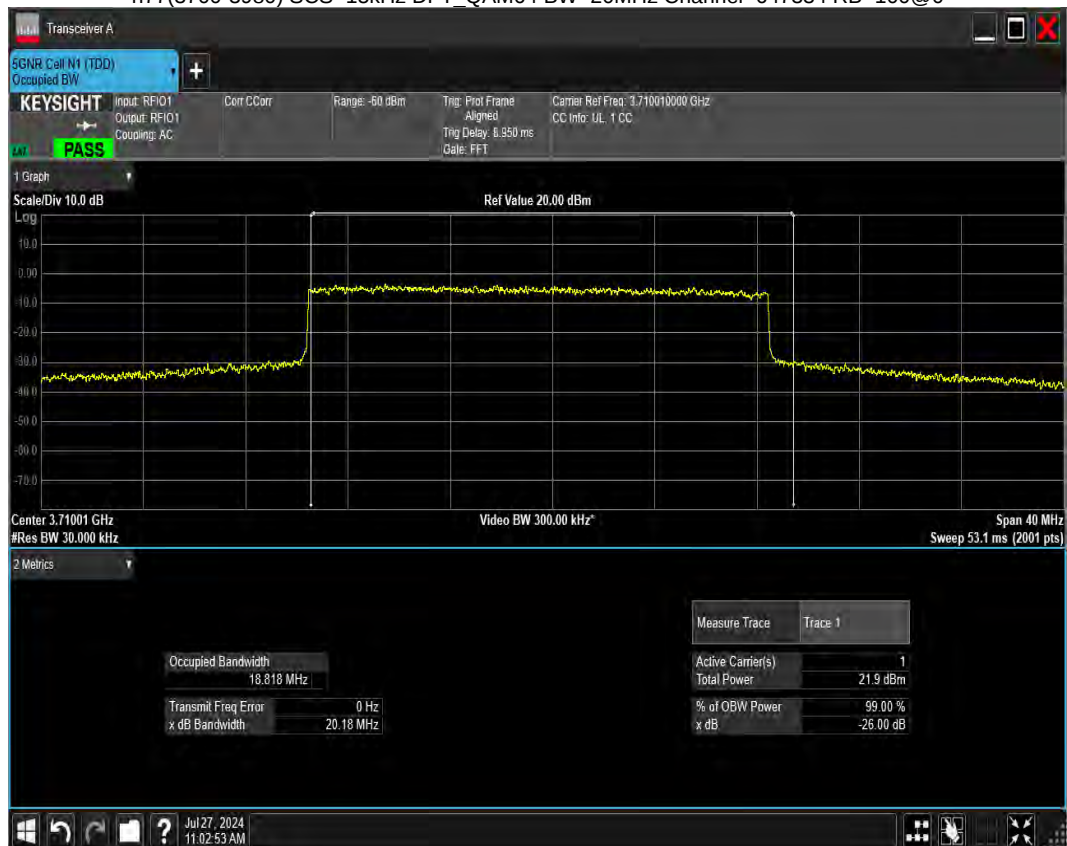
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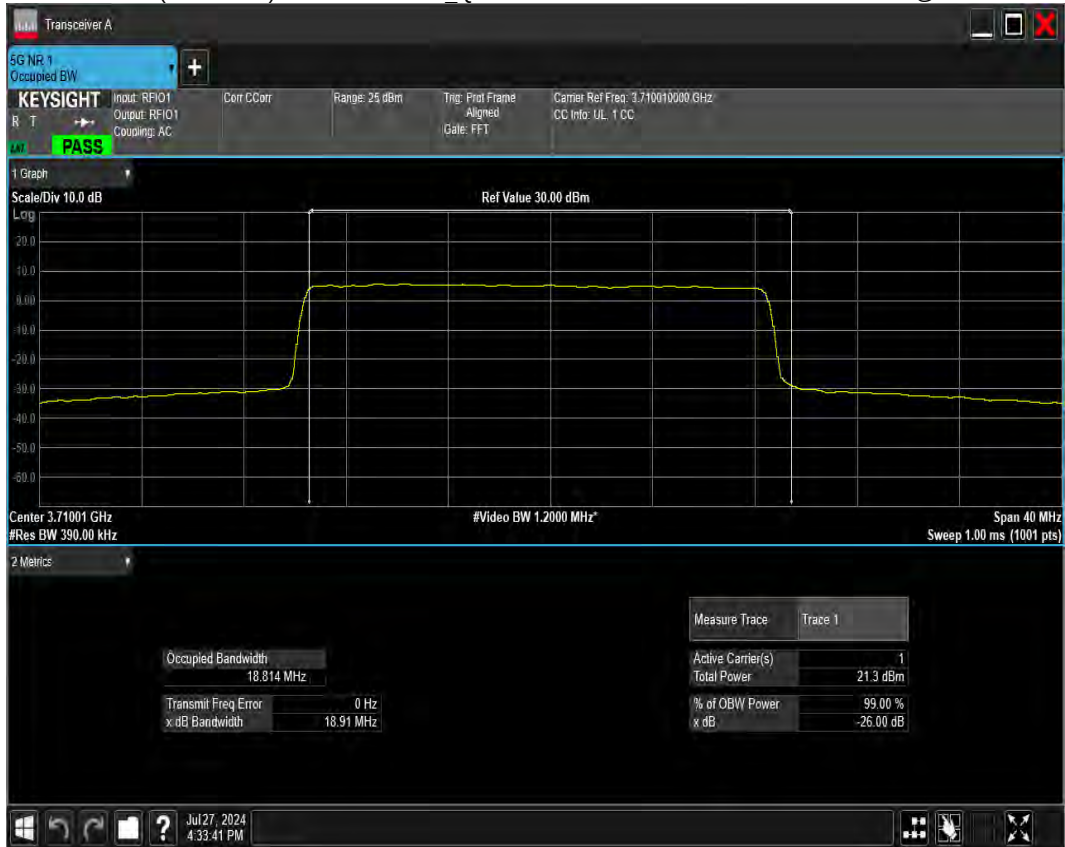
n77(3700-3980) SCS=15kHz DFT_QAM16 BW=20MHz Channel=647334 RB=100@0



n77(3700-3980) SCS=15kHz DFT_QAM64 BW=20MHz Channel=647334 RB=100@0



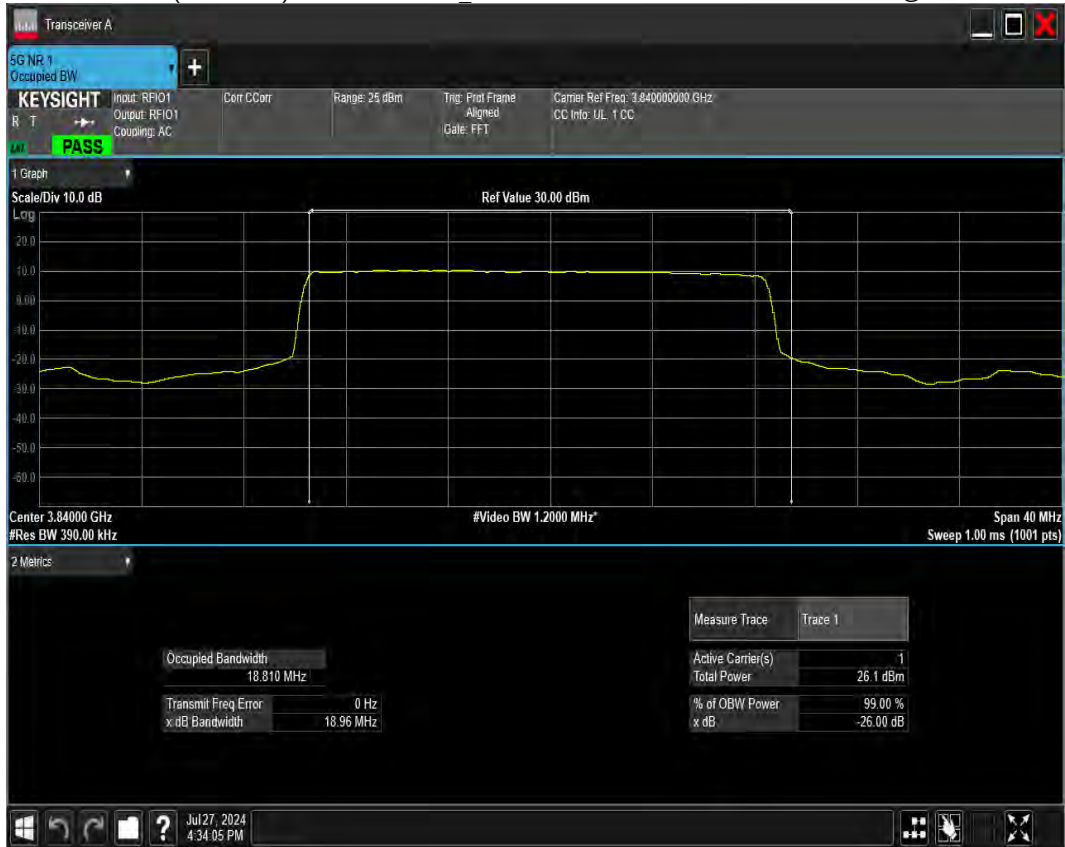
n77(3700-3980) SCS=15kHz DFT_QAM256 BW=20MHz Channel=647334 RB=100@0



n77(3700-3980) SCS=15kHz CP_QPSK BW=20MHz Channel=647334 RB=106@0



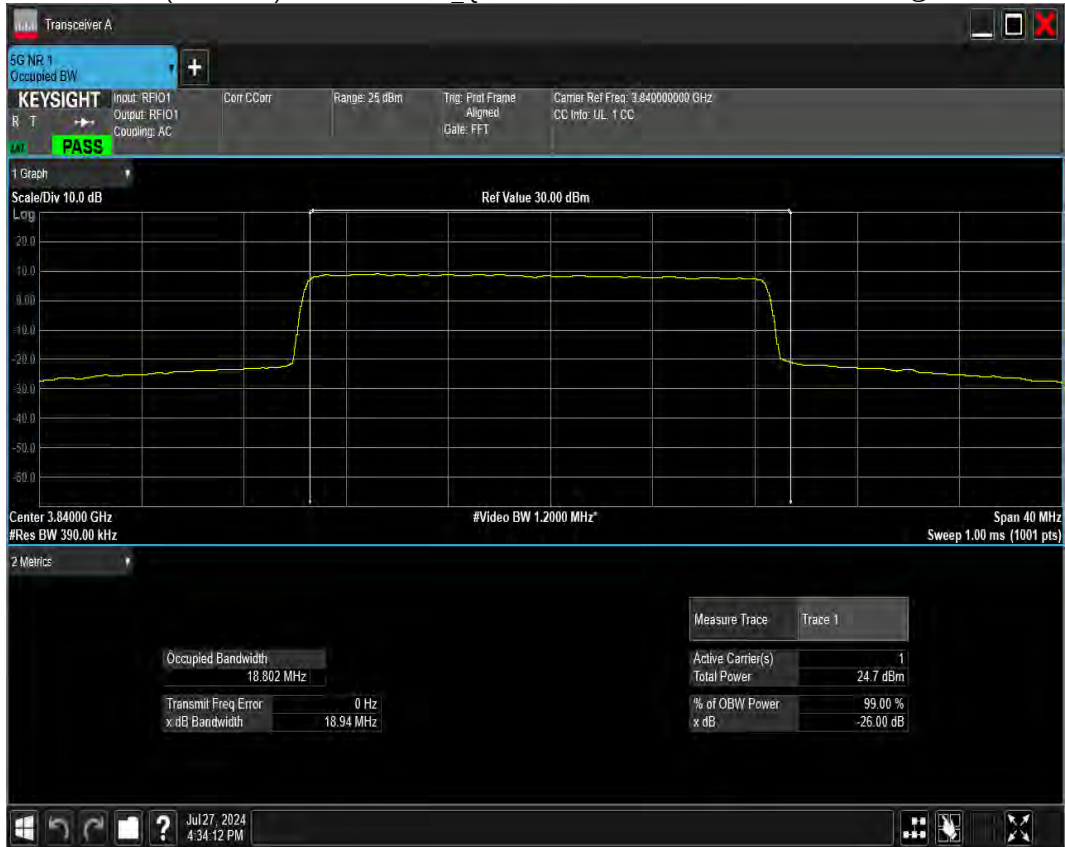
n77(3700-3980) SCS=15kHz DFT_BPSK BW=20MHz Channel=656000 RB=100@0



n77(3700-3980) SCS=15kHz DFT_QPSK BW=20MHz Channel=656000 RB=100@0



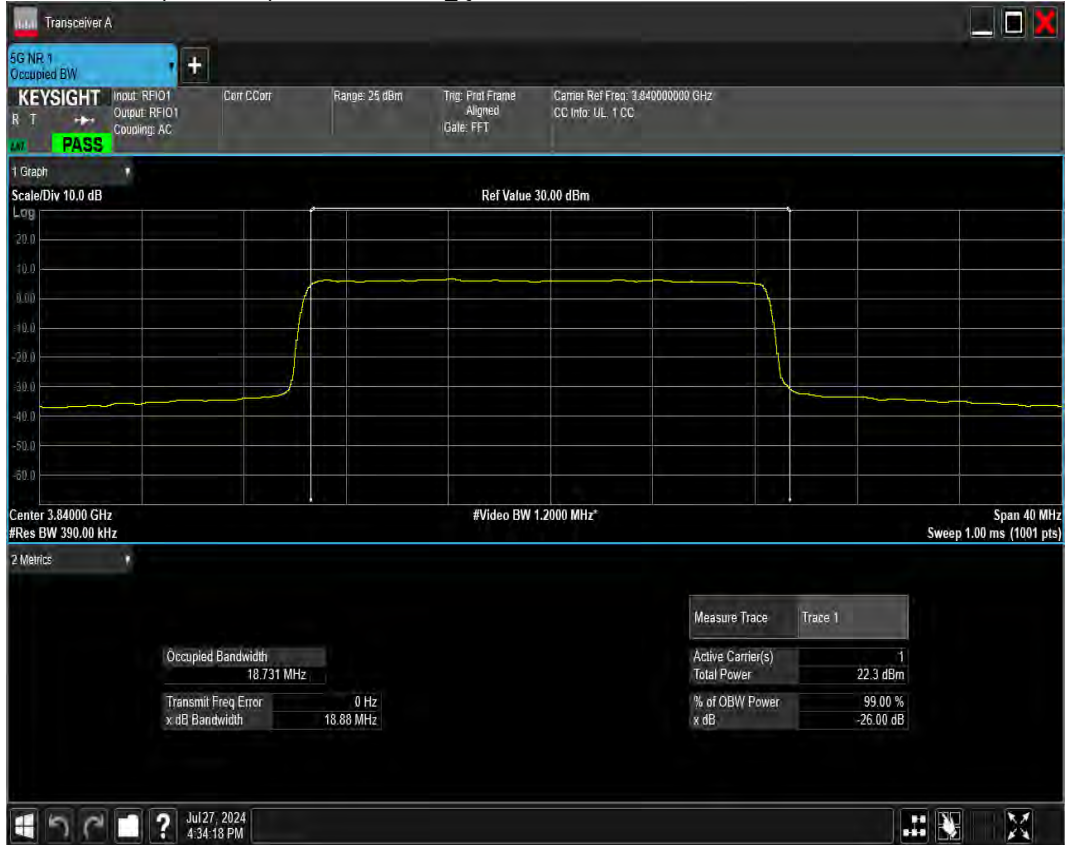
n77(3700-3980) SCS=15kHz DFT_QAM16 BW=20MHz Channel=656000 RB=100@0



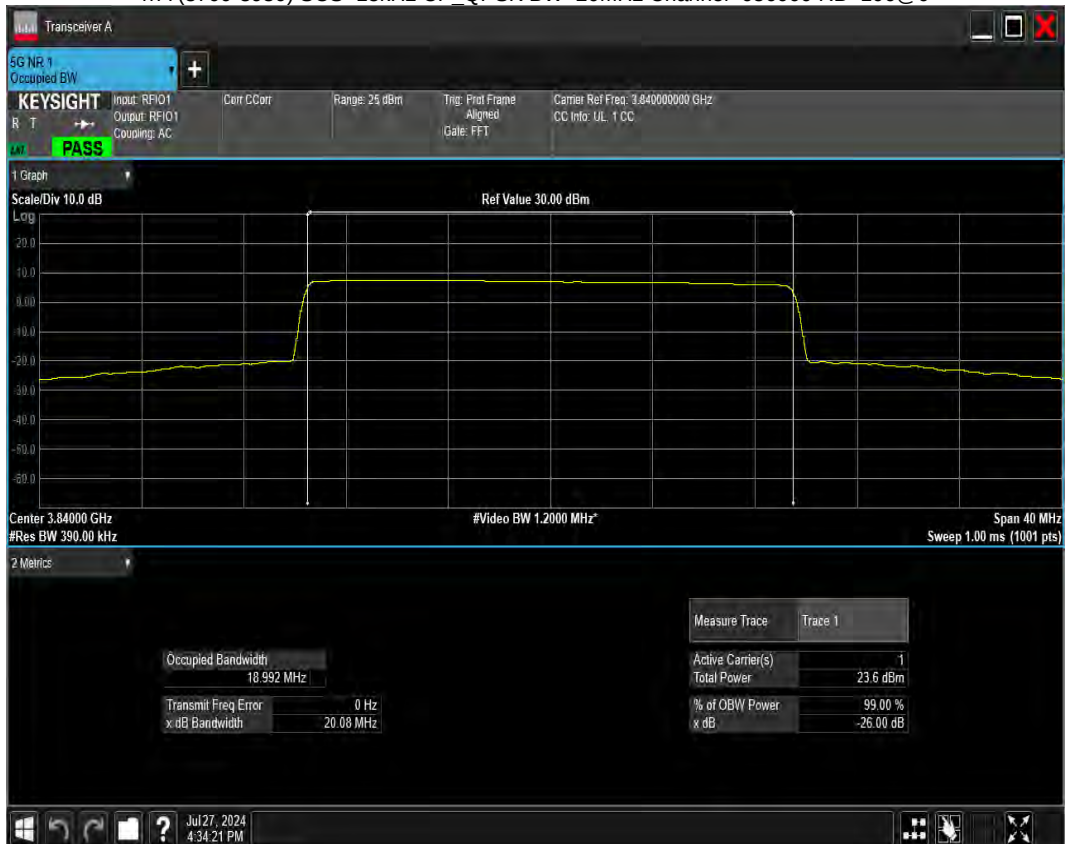
n77(3700-3980) SCS=15kHz DFT_QAM64 BW=20MHz Channel=656000 RB=100@0



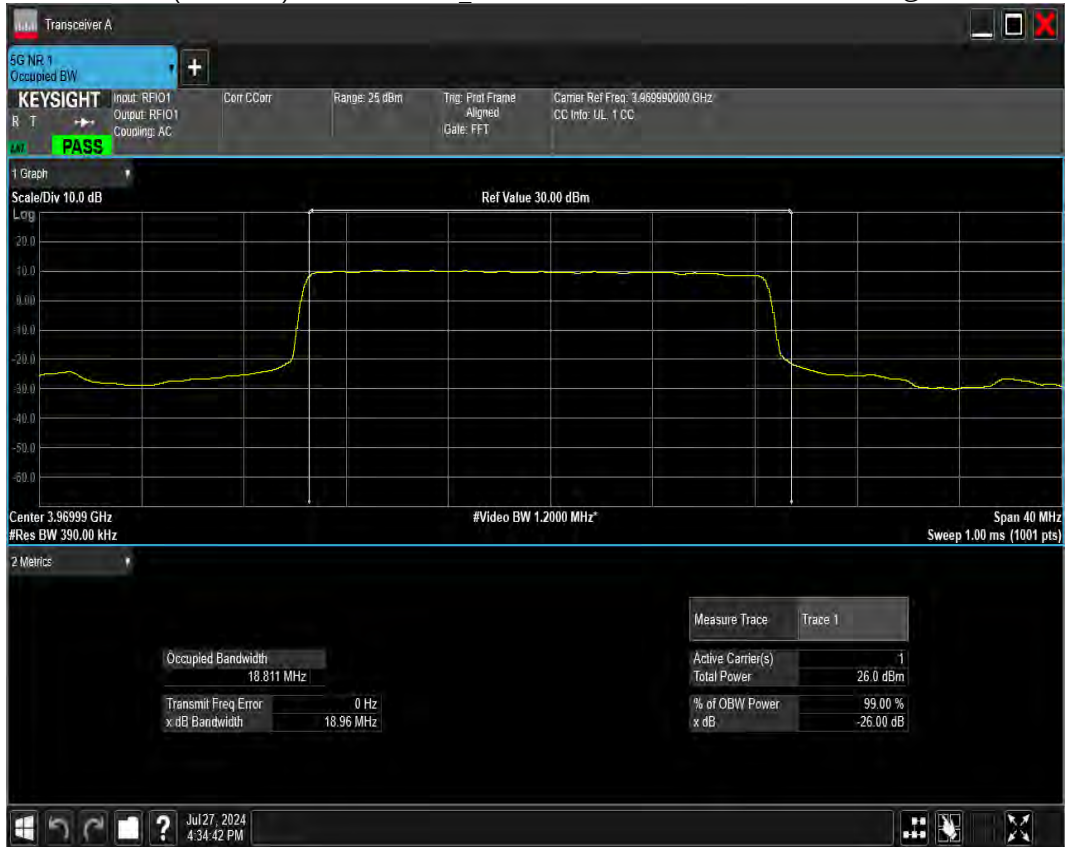
n77(3700-3980) SCS=15kHz DFT_QAM256 BW=20MHz Channel=656000 RB=100@0



n77(3700-3980) SCS=15kHz CP_QPSK BW=20MHz Channel=656000 RB=106@0



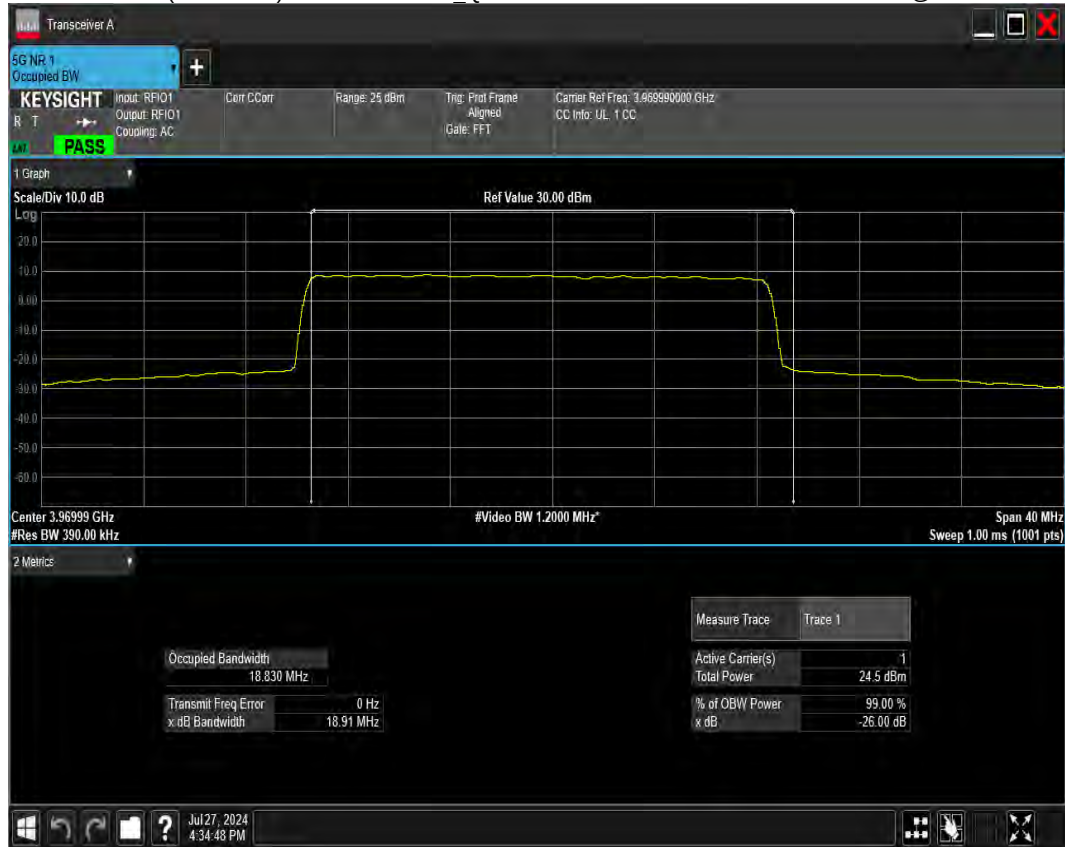
n77(3700-3980) SCS=15kHz DFT_BPSK BW=20MHz Channel=664666 RB=100@0



n77(3700-3980) SCS=15kHz DFT_QPSK BW=20MHz Channel=664666 RB=100@0



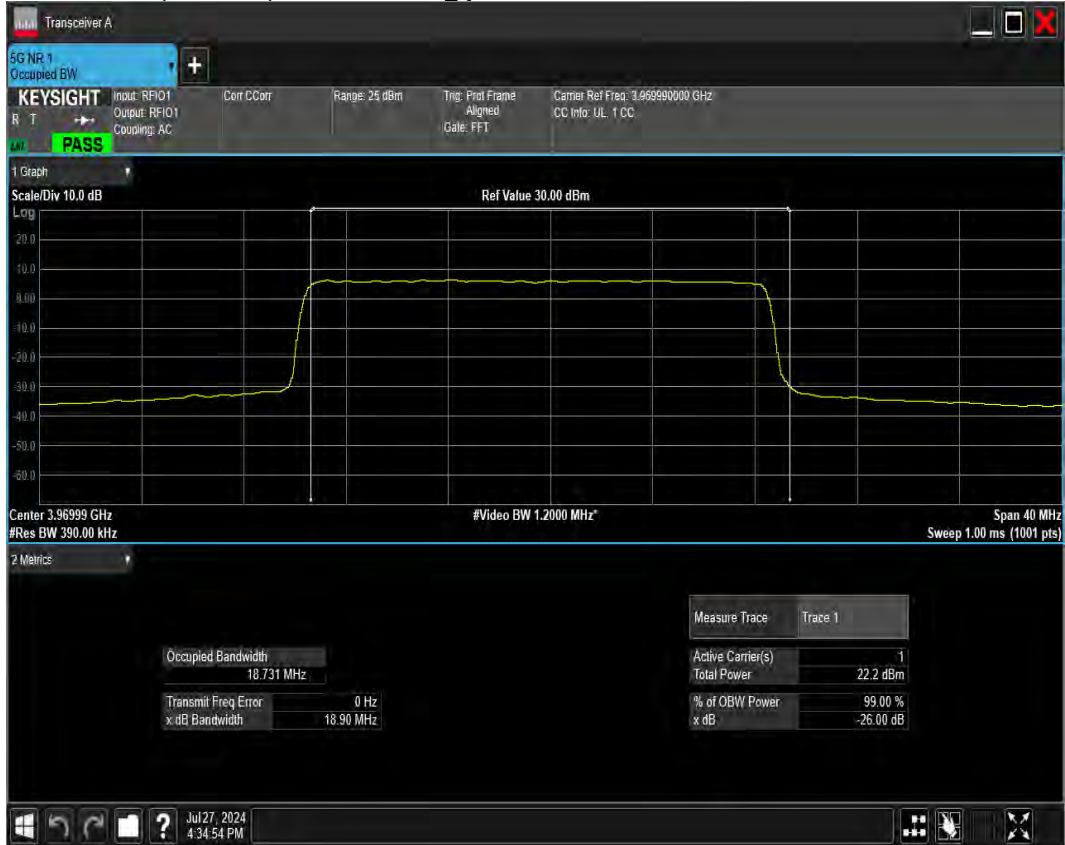
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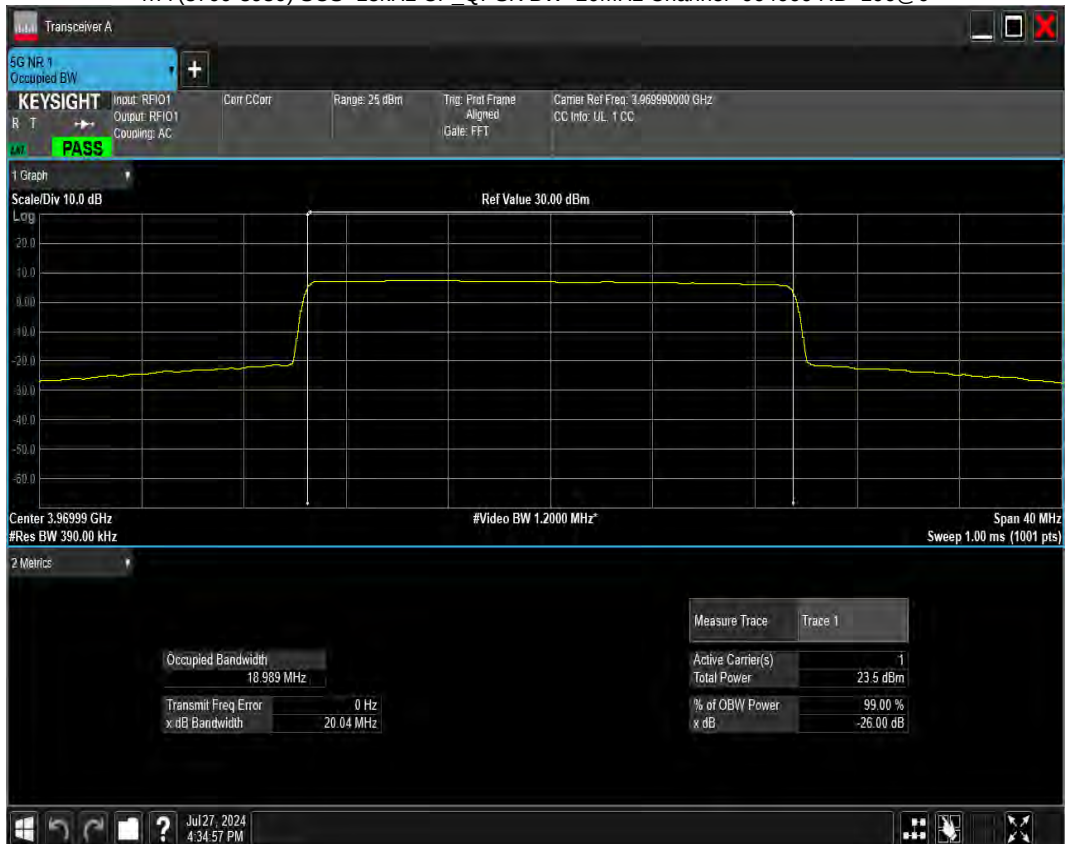
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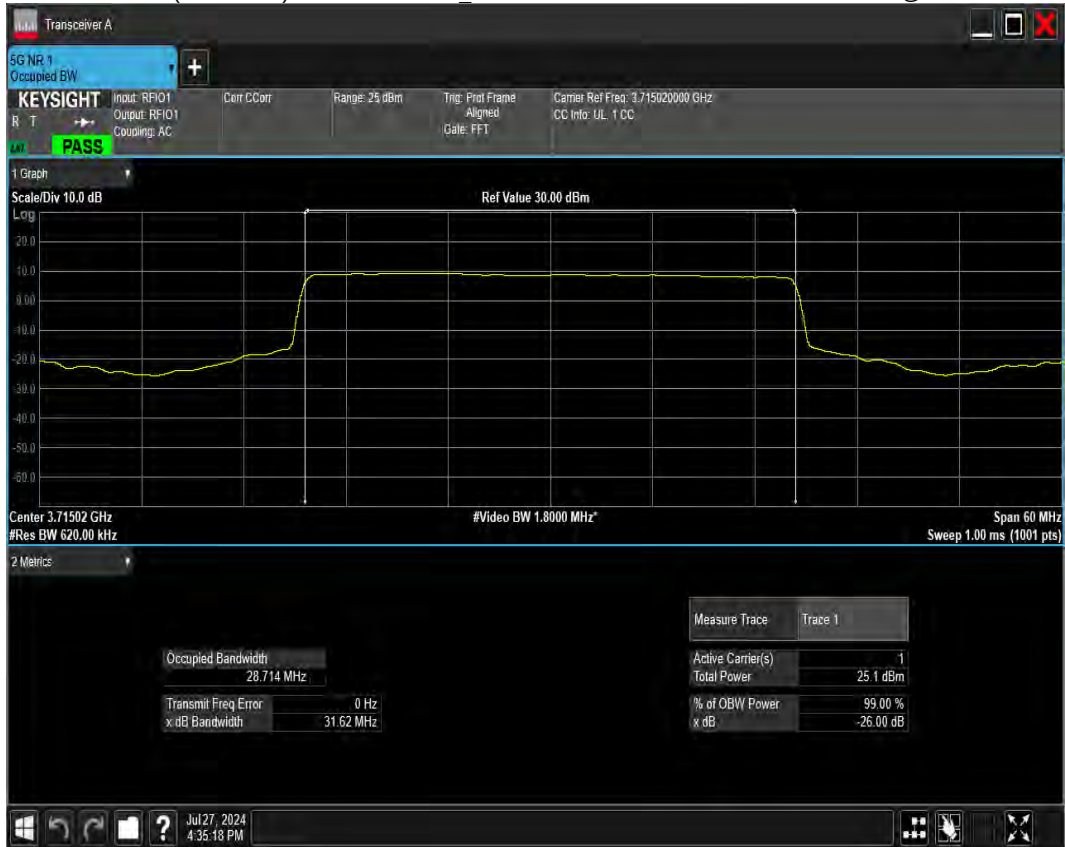
n77(3700-3980) SCS=15kHz DFT_QAM256 BW=20MHz Channel=664666 RB=100@0



n77(3700-3980) SCS=15kHz CP_QPSK BW=20MHz Channel=664666 RB=106@0



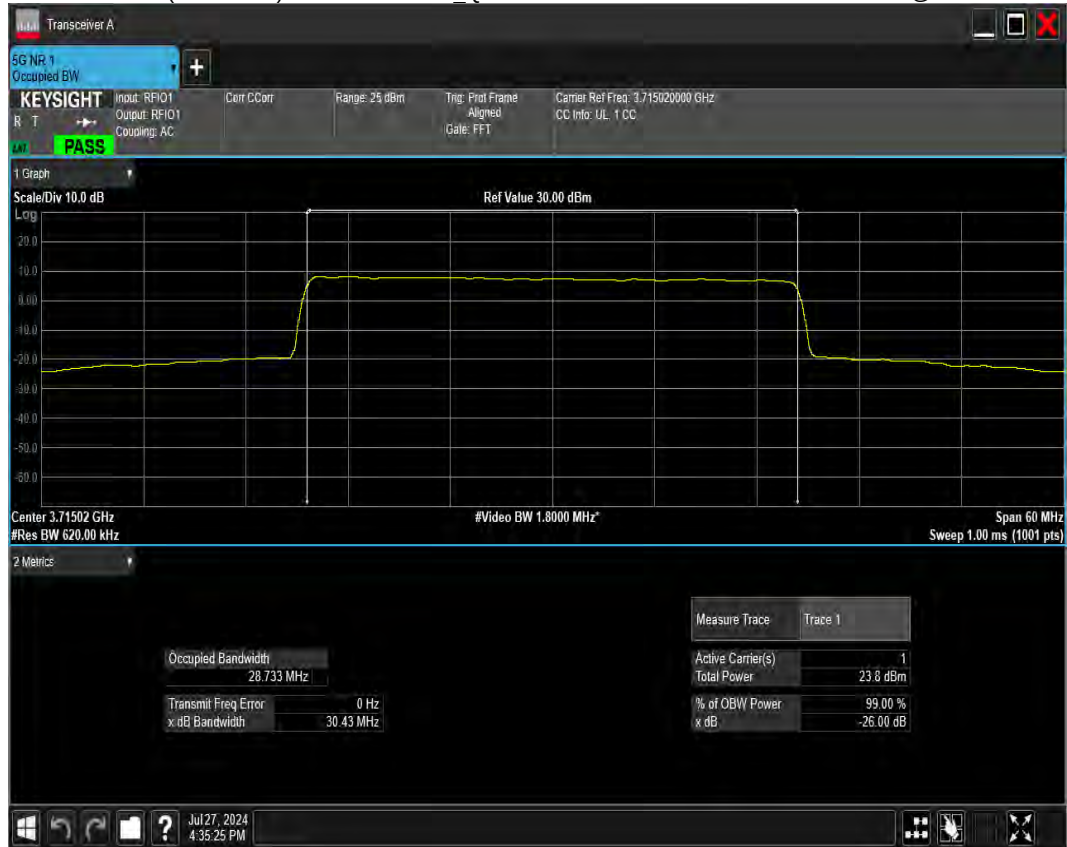
n77(3700-3980) SCS=15kHz DFT_BPSK BW=30MHz Channel=647668 RB=160@0



n77(3700-3980) SCS=15kHz DFT_QPSK BW=30MHz Channel=647668 RB=160@0



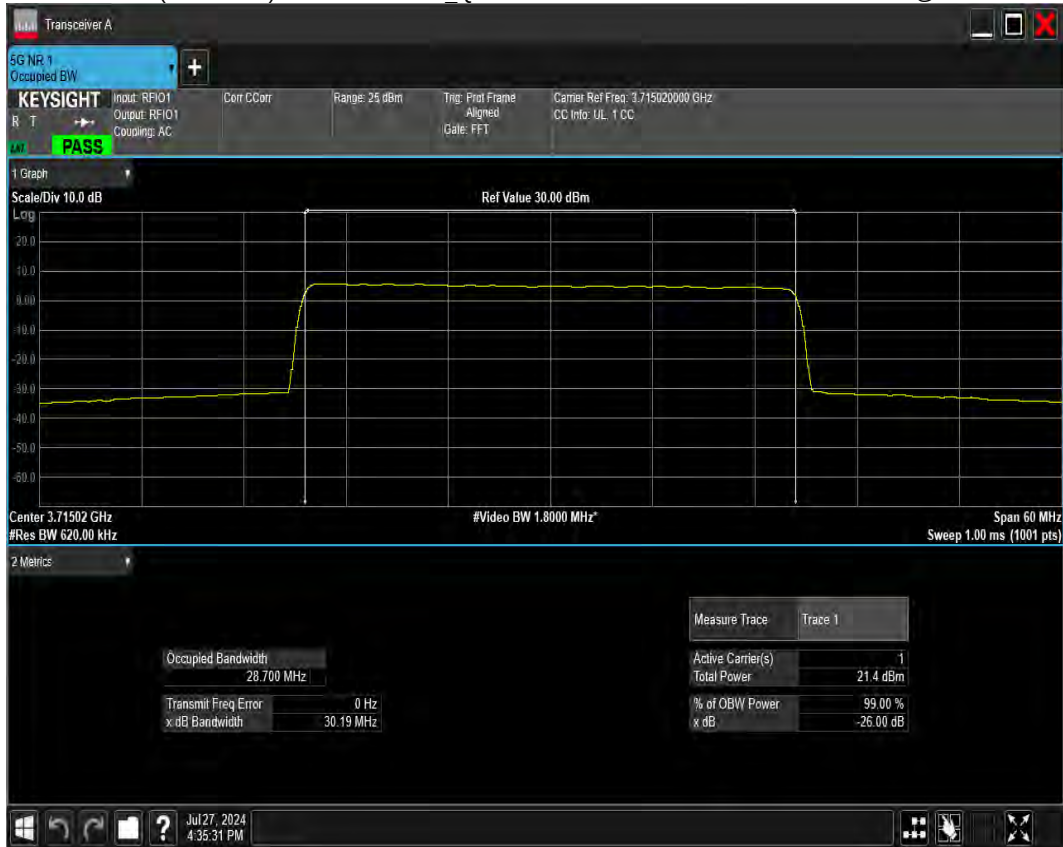
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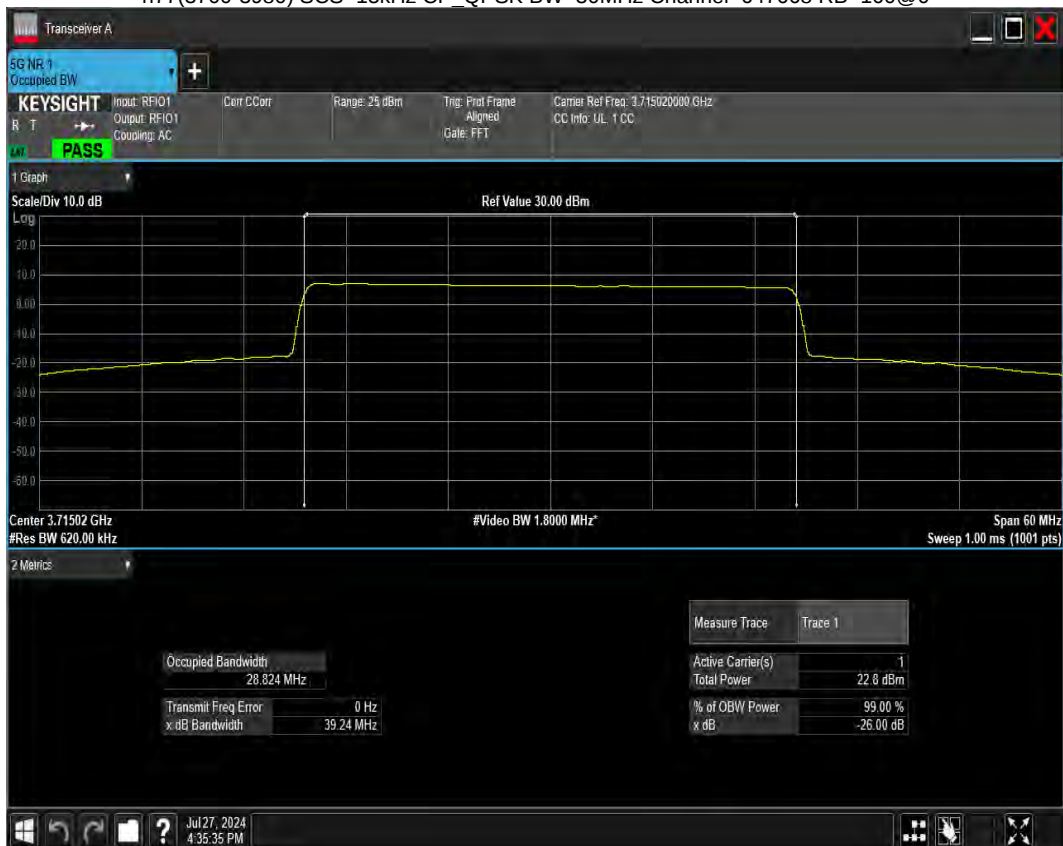
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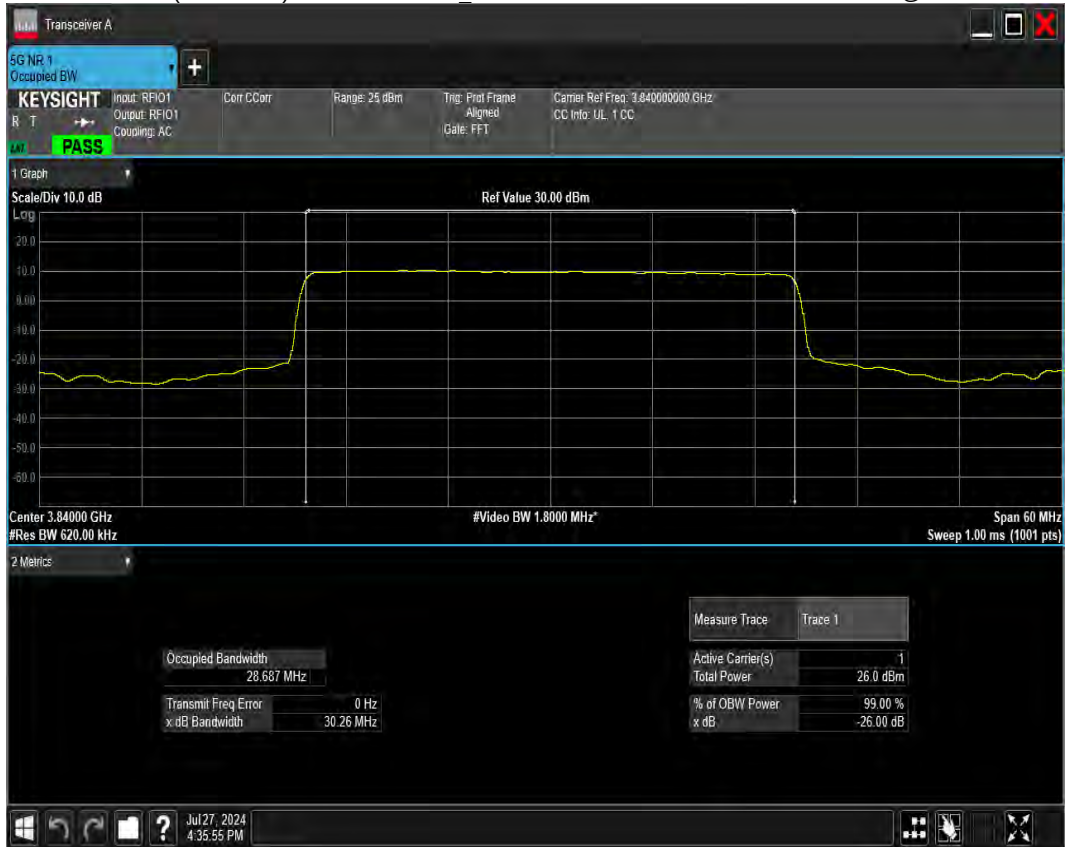
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n77(3700-3980) SCS=15kHz CP_QPSK BW=30MHz Channel=647668 RB=160@0



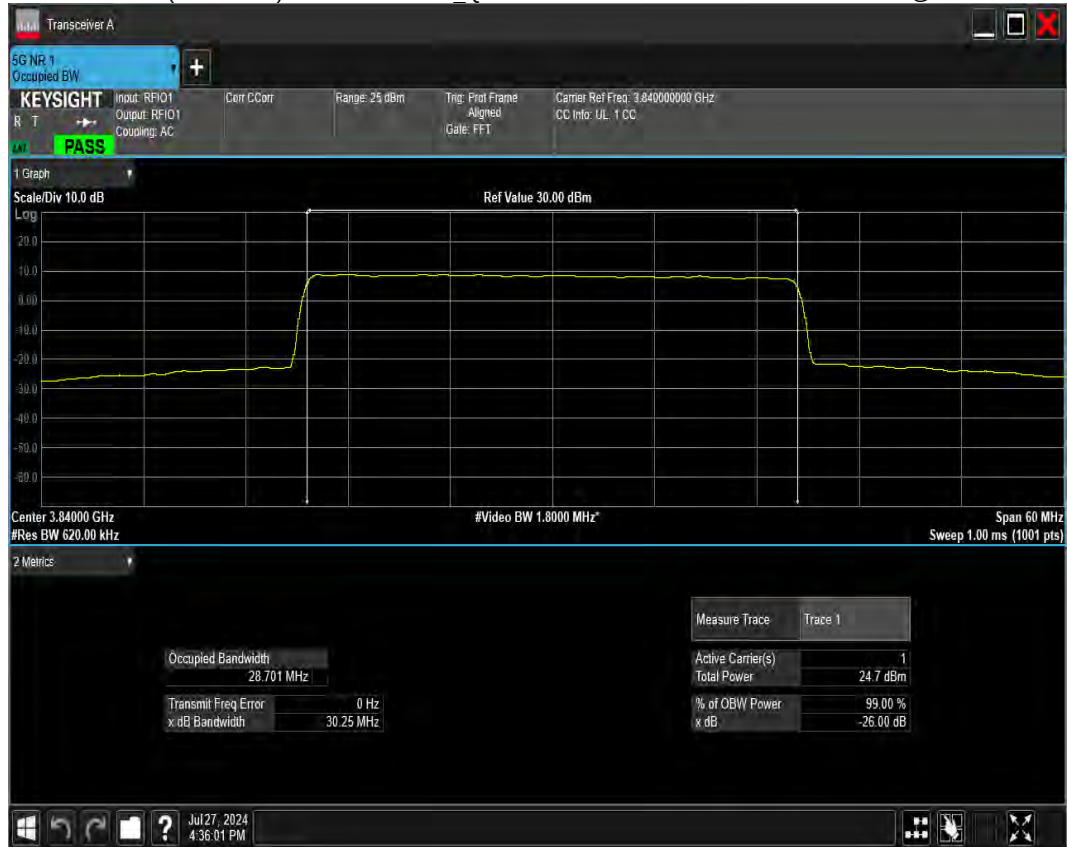
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n77(3700-3980) SCS=15kHz DFT_QPSK BW=30MHz Channel=656000 RB=160@0



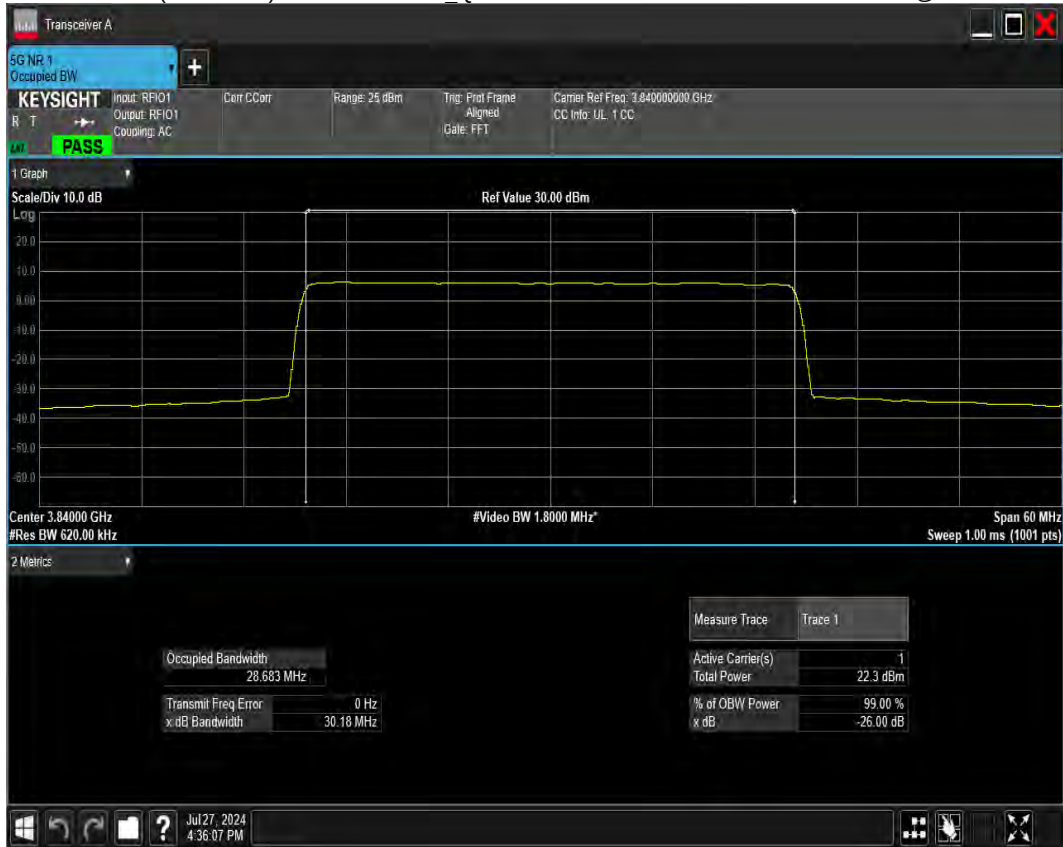
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n77(3700-3980) SCS=15kHz DFT_QAM64 BW=30MHz Channel=656000 RB=160@0



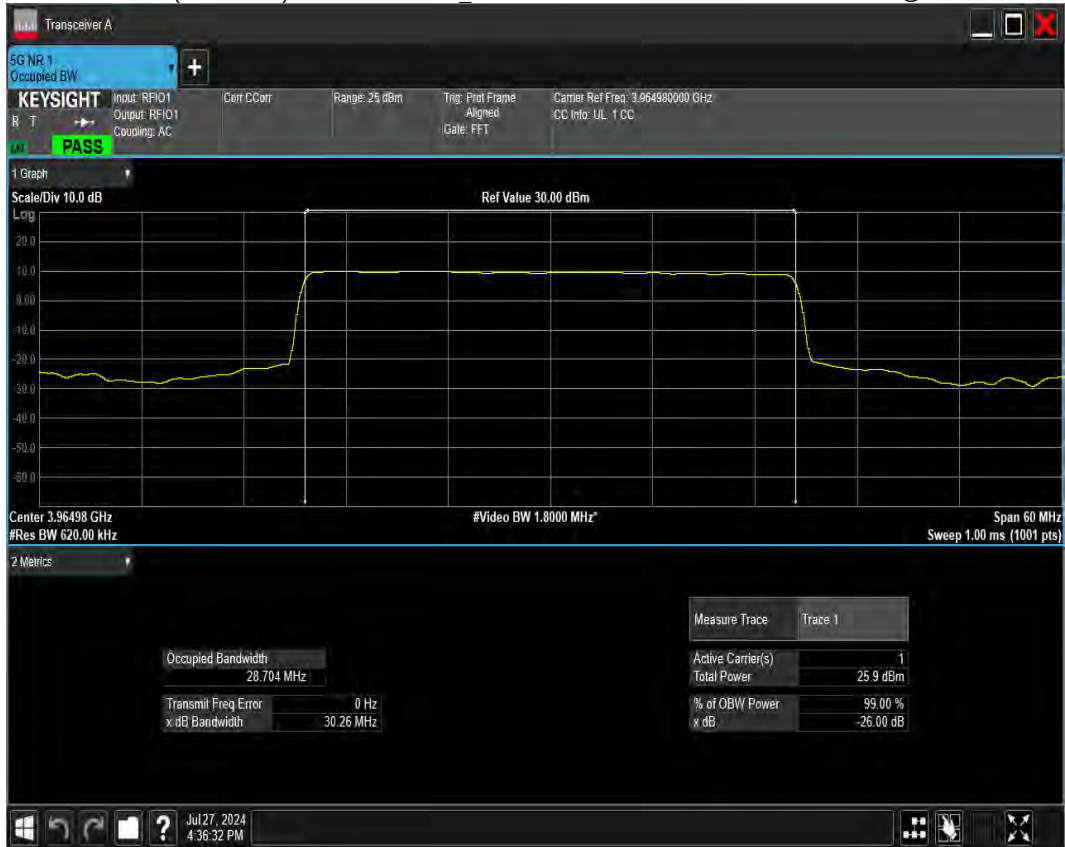
n77(3700-3980) SCS=15kHz DFT_QAM256 BW=30MHz Channel=656000 RB=160@0



n77(3700-3980) SCS=15kHz CP_QPSK BW=30MHz Channel=656000 RB=160@0



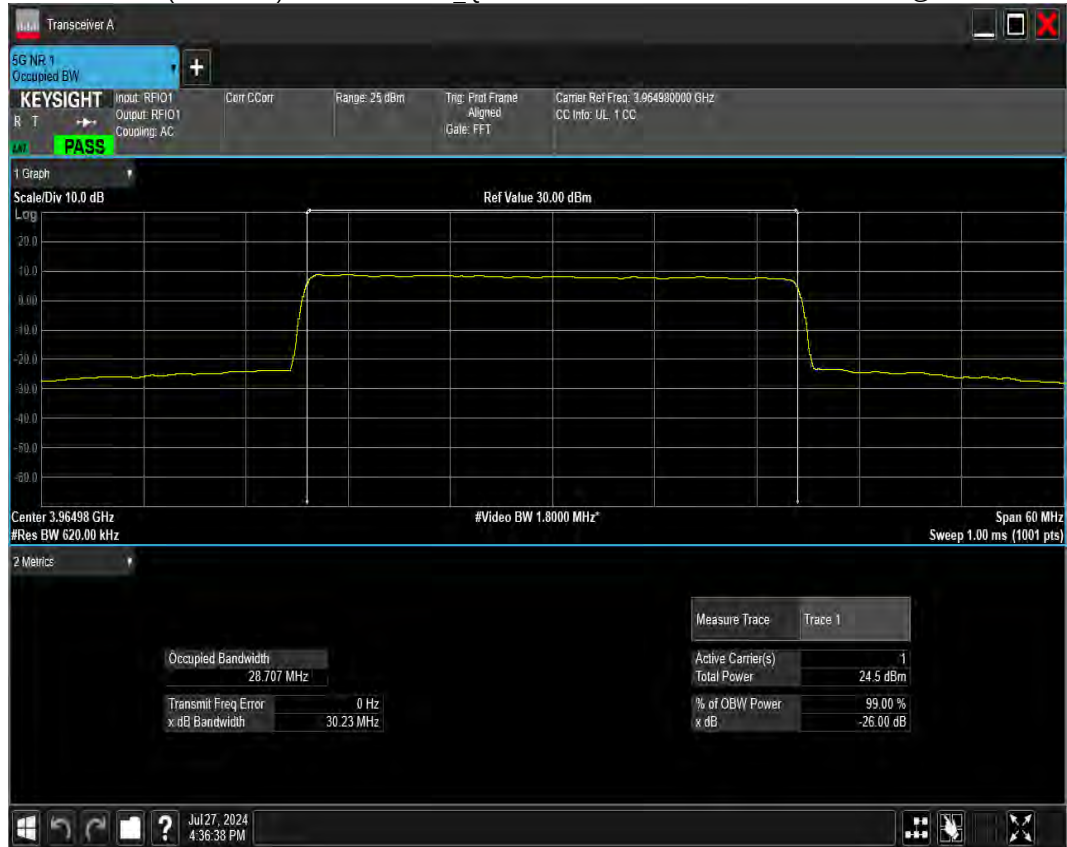
n77(3700-3980) SCS=15kHz DFT_BPSK BW=30MHz Channel=664332 RB=160@0



n77(3700-3980) SCS=15kHz DFT_QPSK BW=30MHz Channel=664332 RB=160@0



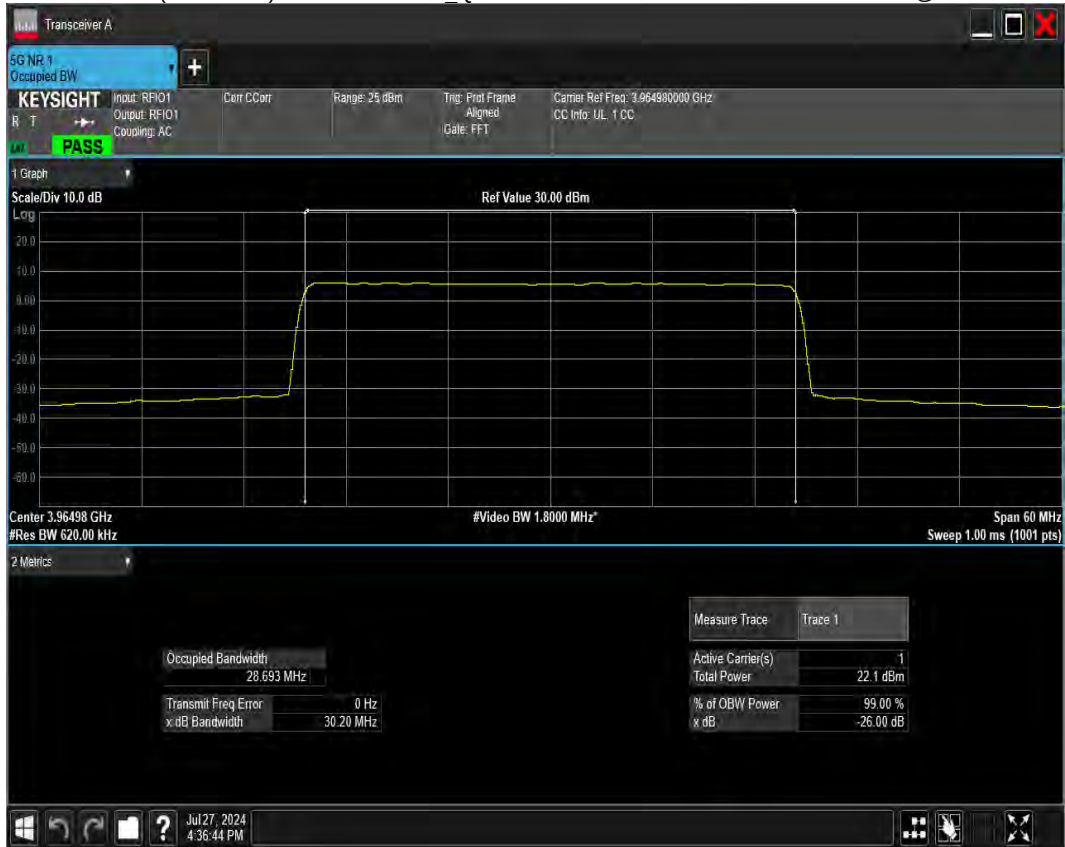
n77(3700-3980) SCS=15kHz DFT_QAM16 BW=30MHz Channel=664332 RB=160@0



n77(3700-3980) SCS=15kHz DFT_QAM64 BW=30MHz Channel=664332 RB=160@0



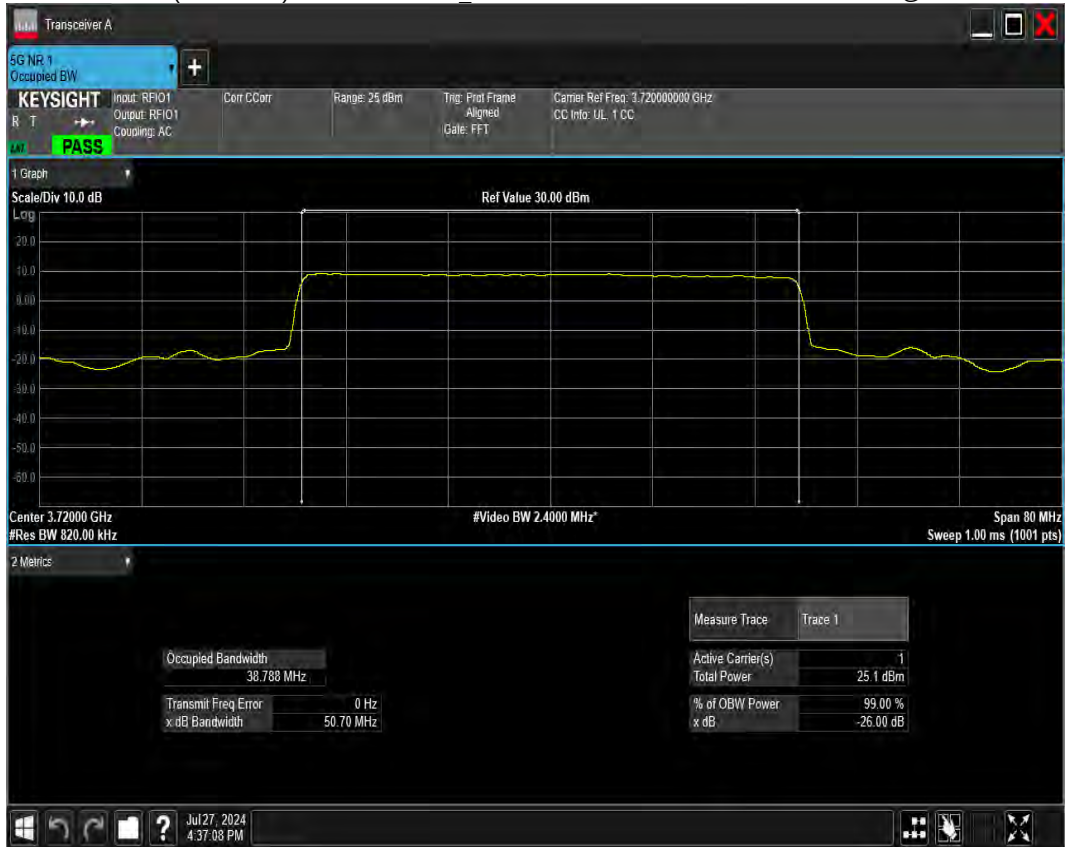
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n77(3700-3980) SCS=15kHz CP_QPSK BW=30MHz Channel=664332 RB=160@0



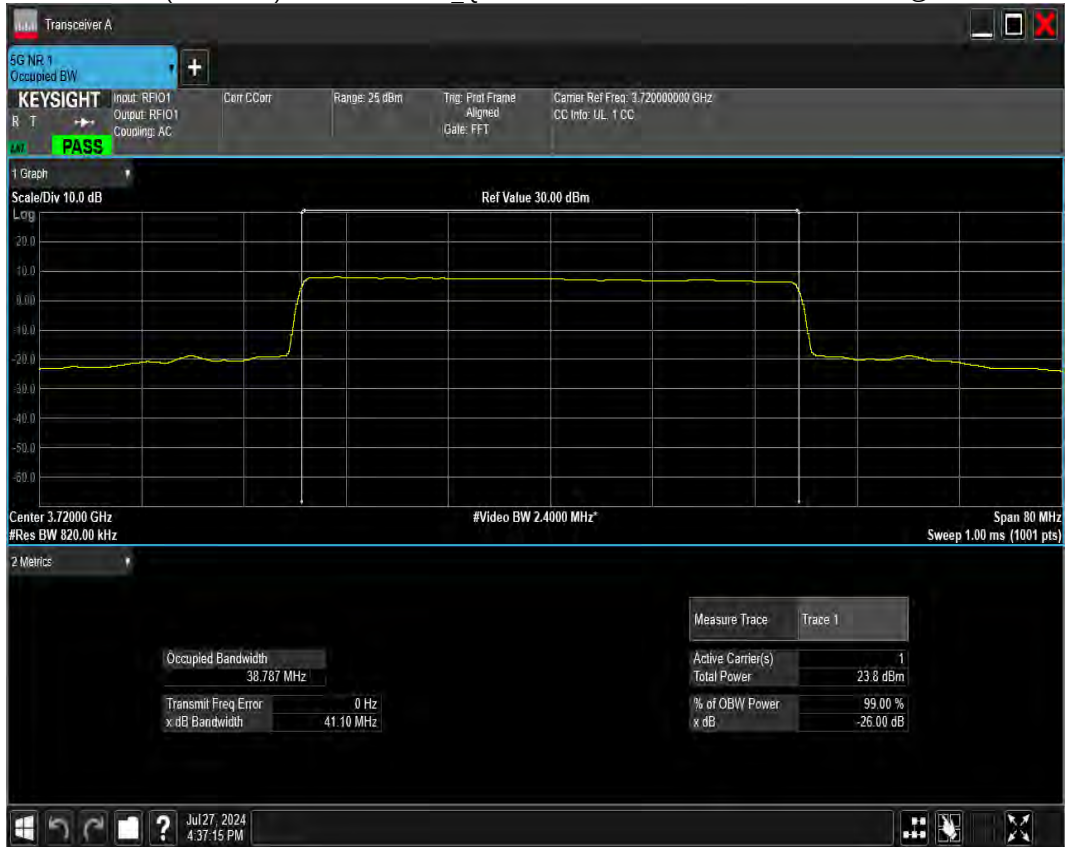
n77(3700-3980) SCS=15kHz DFT_BPSK BW=40MHz Channel=648000 RB=216@0



n77(3700-3980) SCS=15kHz DFT_QPSK BW=40MHz Channel=648000 RB=216@0



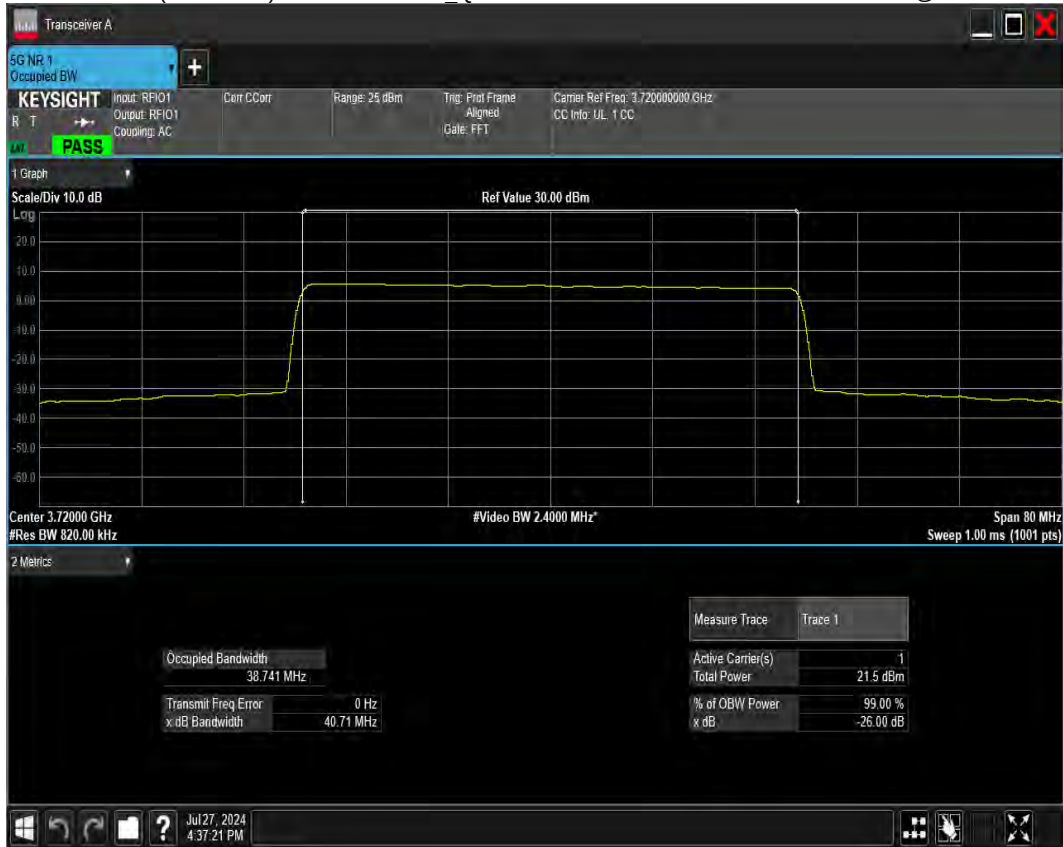
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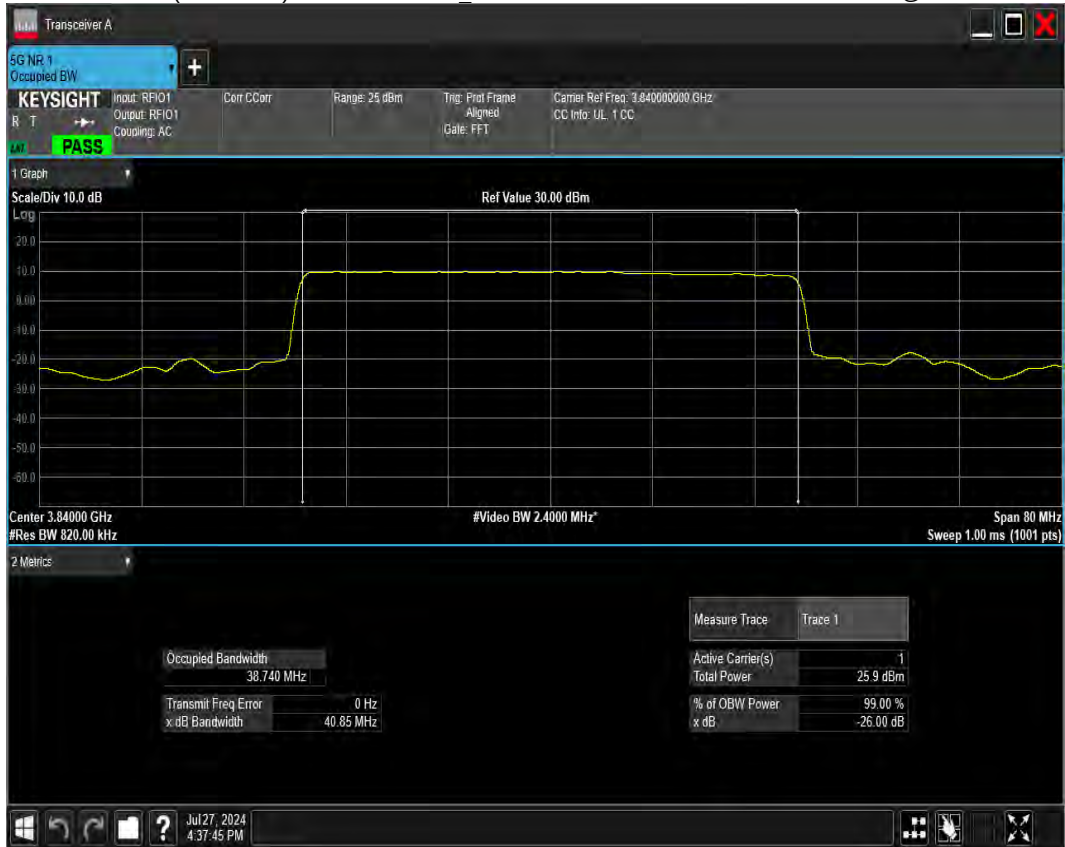
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n77(3700-3980) SCS=15kHz CP_QPSK BW=40MHz Channel=648000 RB=216@0



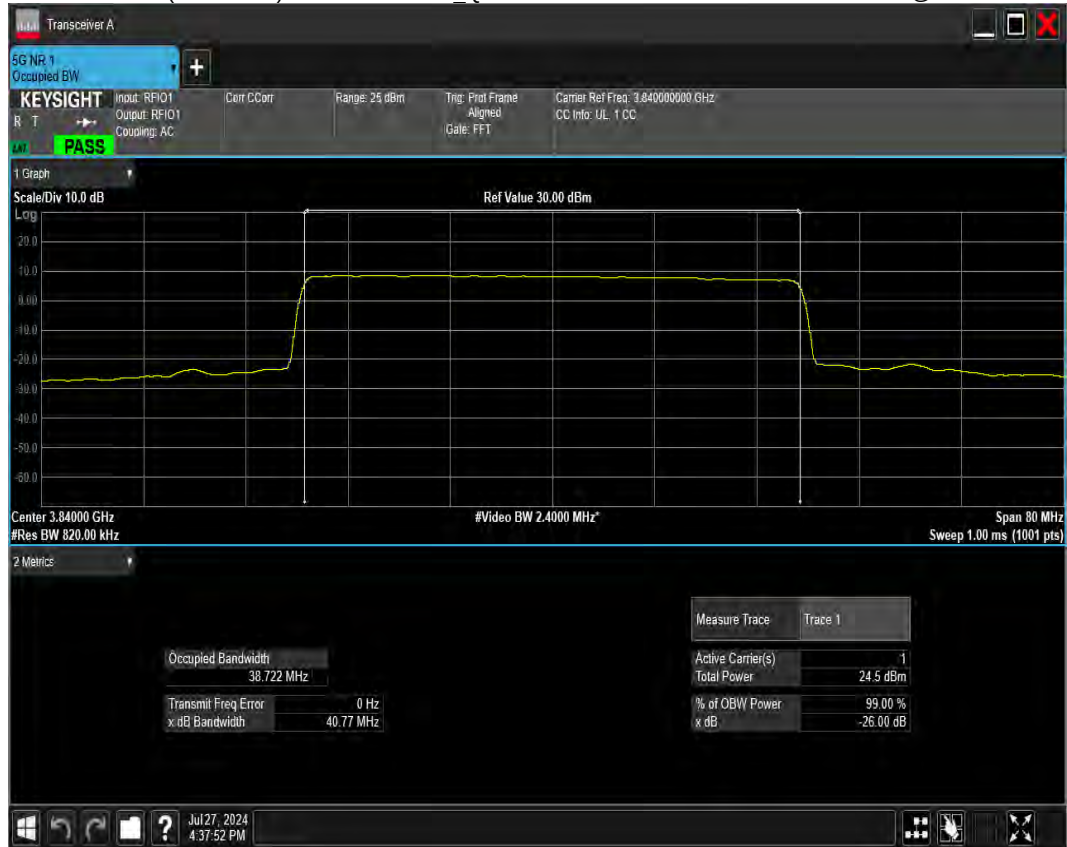
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n77(3700-3980) SCS=15kHz DFT_QPSK BW=40MHz Channel=656000 RB=216@0



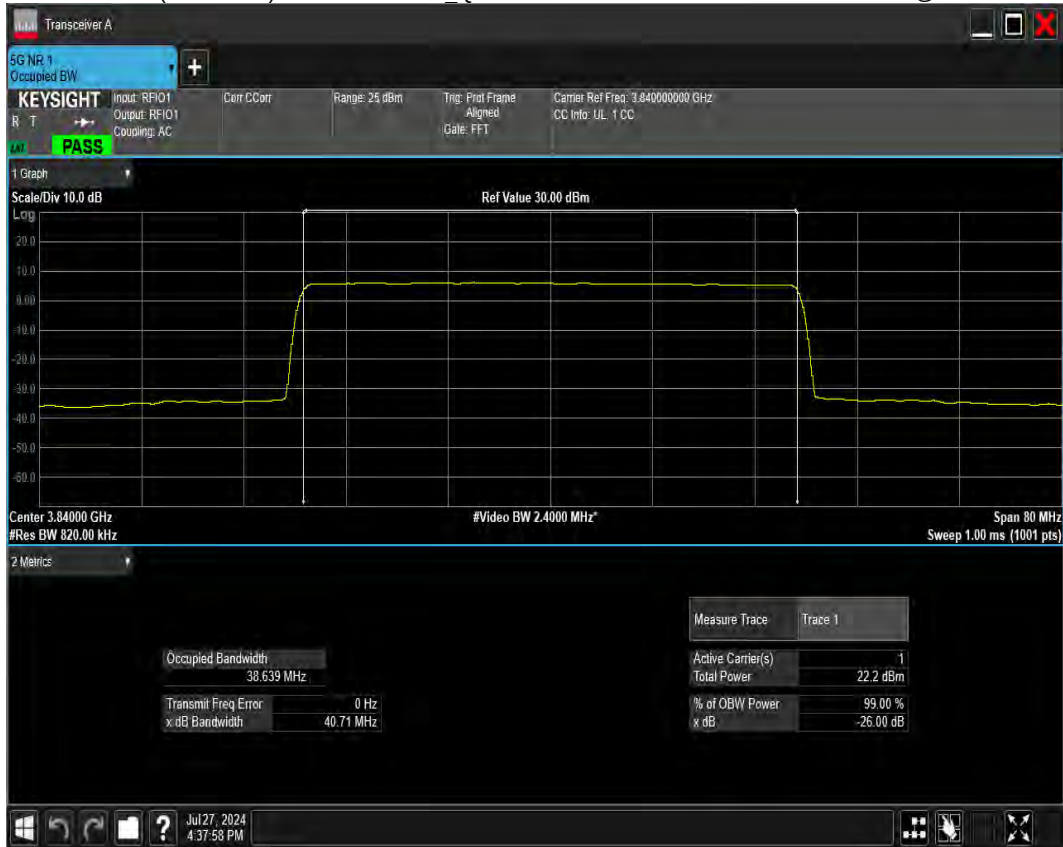
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n77(3700-3980) SCS=15kHz DFT_QAM64 BW=40MHz Channel=656000 RB=216@0



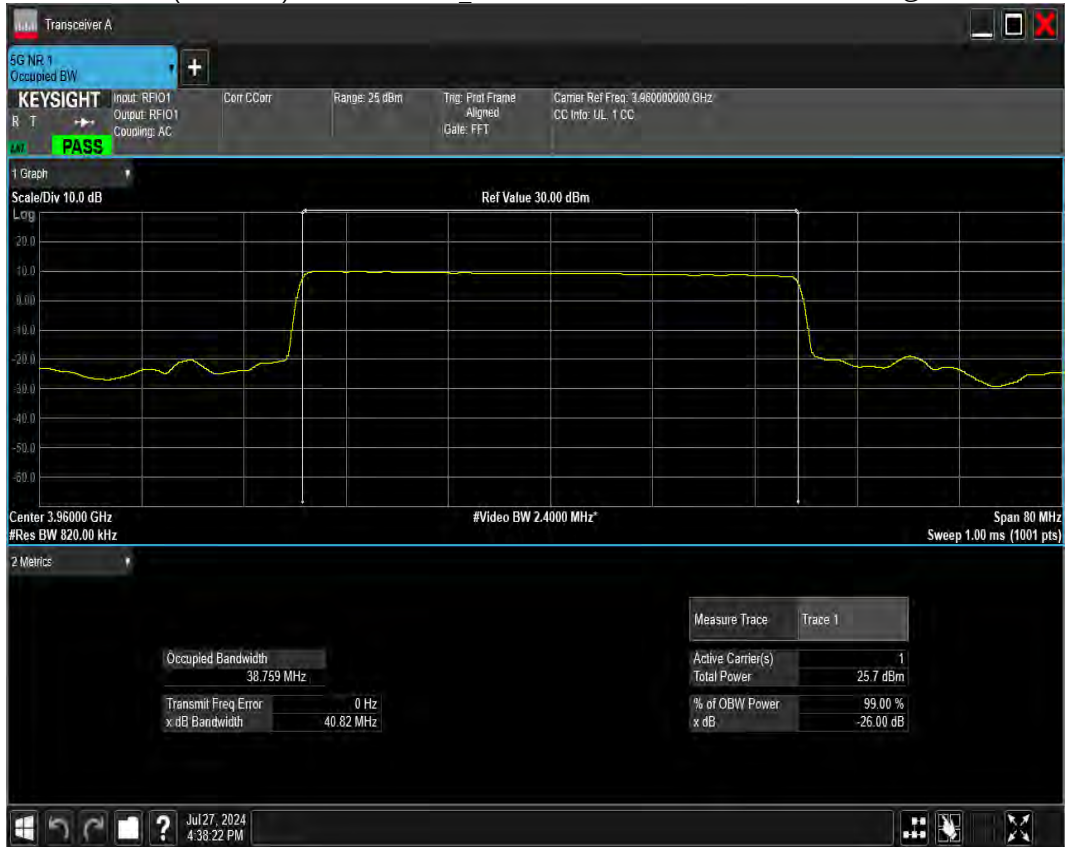
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n77(3700-3980) SCS=15kHz CP_QPSK BW=40MHz Channel=656000 RB=216@0



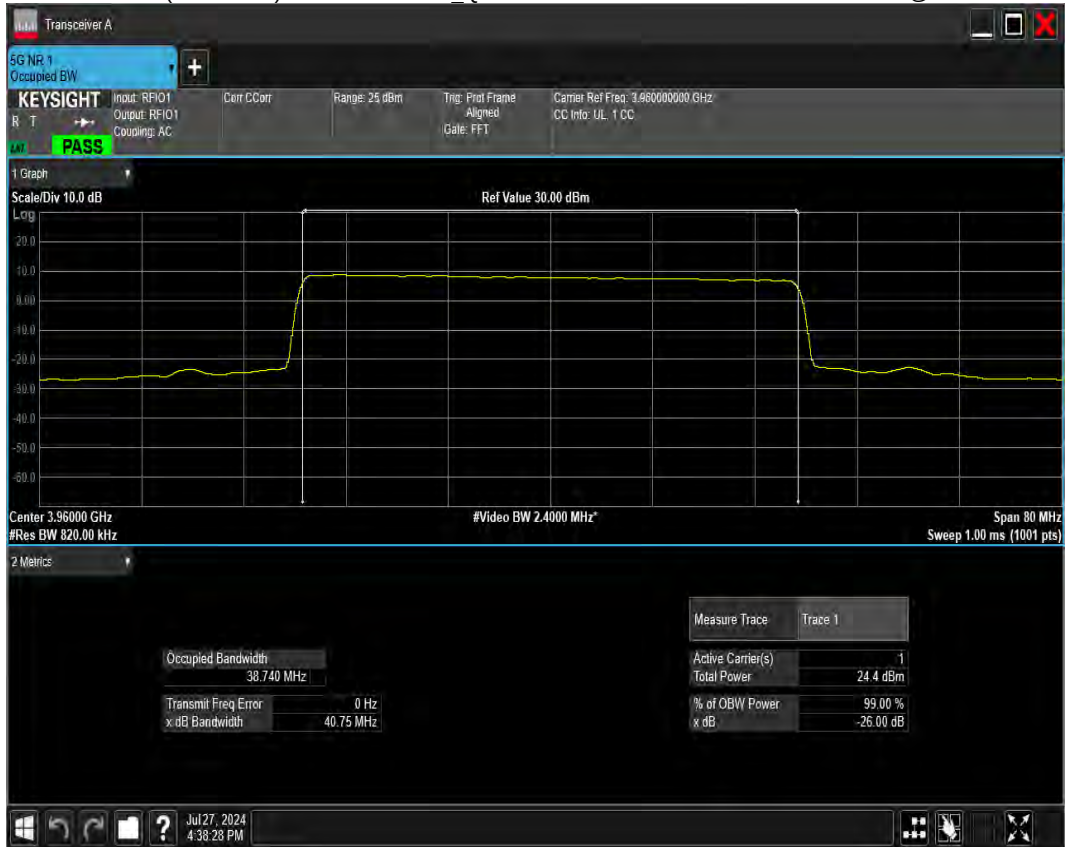
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n77(3700-3980) SCS=15kHz DFT_QPSK BW=40MHz Channel=664000 RB=216@0



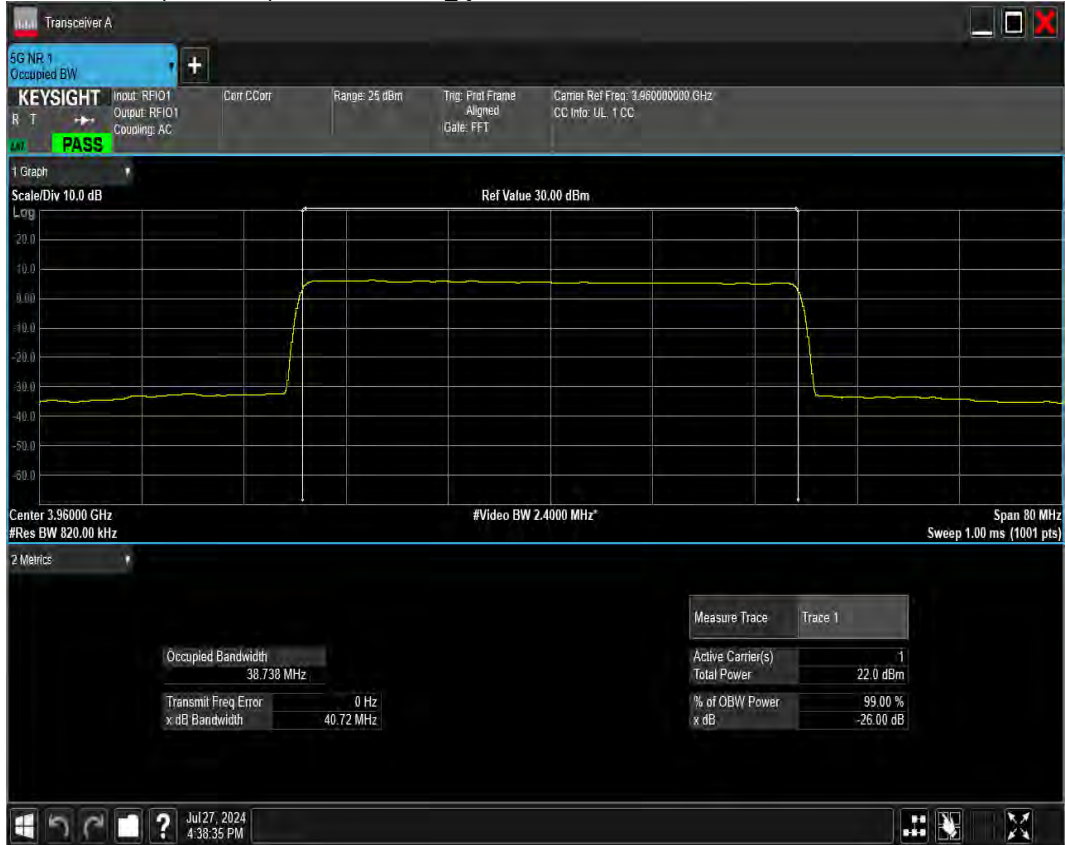
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n77(3700-3980) SCS=15kHz DFT_QAM64 BW=40MHz Channel=664000 RB=216@0



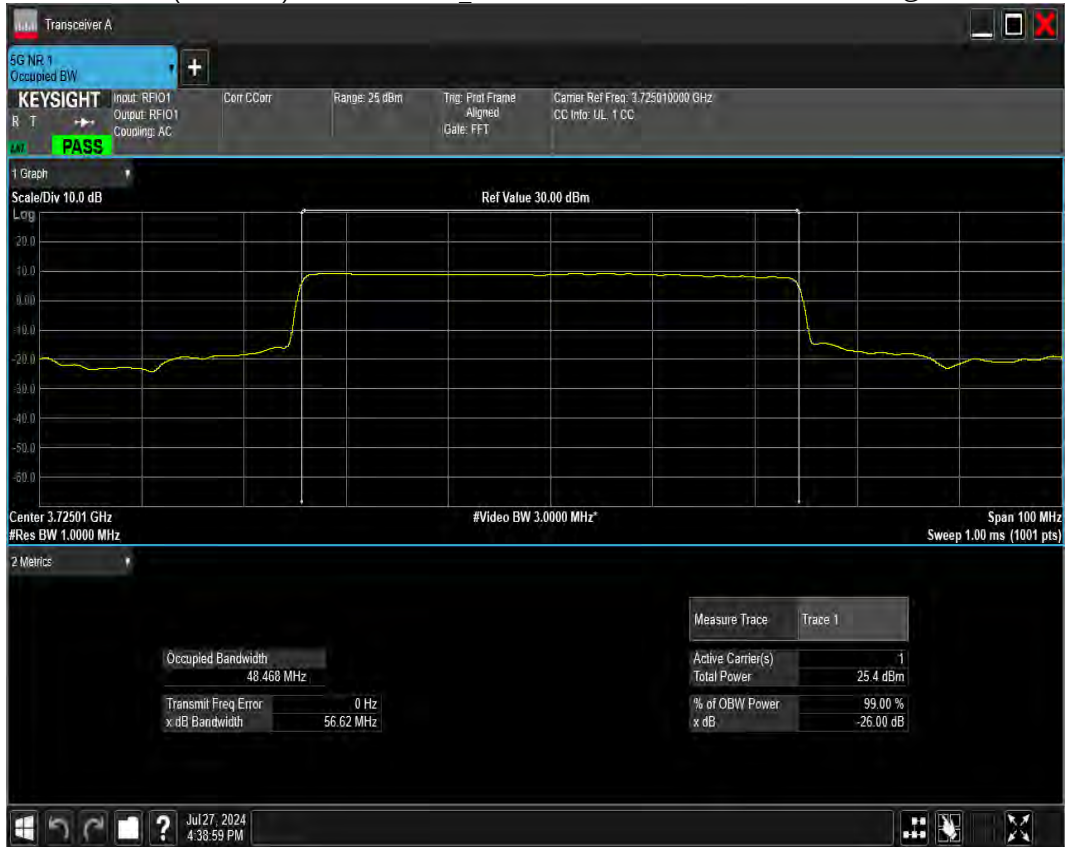
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n77(3700-3980) SCS=15kHz CP_QPSK BW=40MHz Channel=664000 RB=216@0



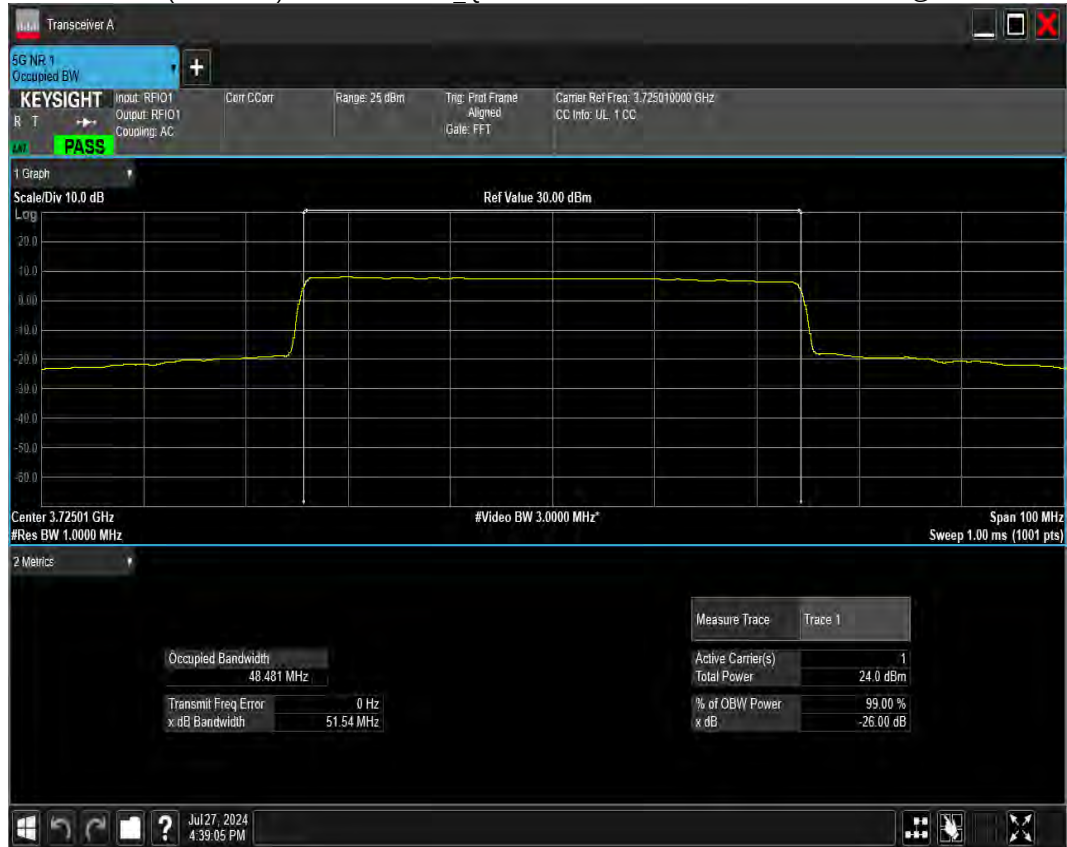
n77(3700-3980) SCS=15kHz DFT_BPSK BW=50MHz Channel=648334 RB=270@0



n77(3700-3980) SCS=15kHz DFT_QPSK BW=50MHz Channel=648334 RB=270@0



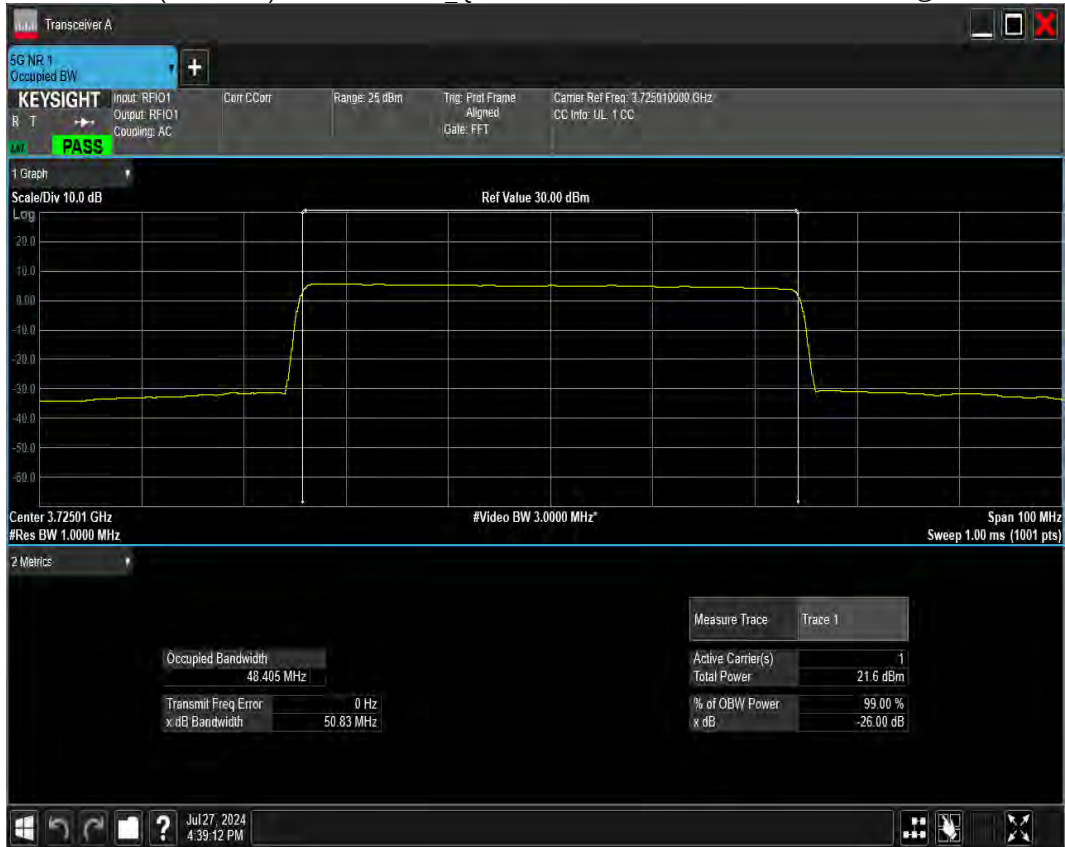
n77(3700-3980) SCS=15kHz DFT_QAM16 BW=50MHz Channel=648334 RB=270@0



n77(3700-3980) SCS=15kHz DFT_QAM64 BW=50MHz Channel=648334 RB=270@0



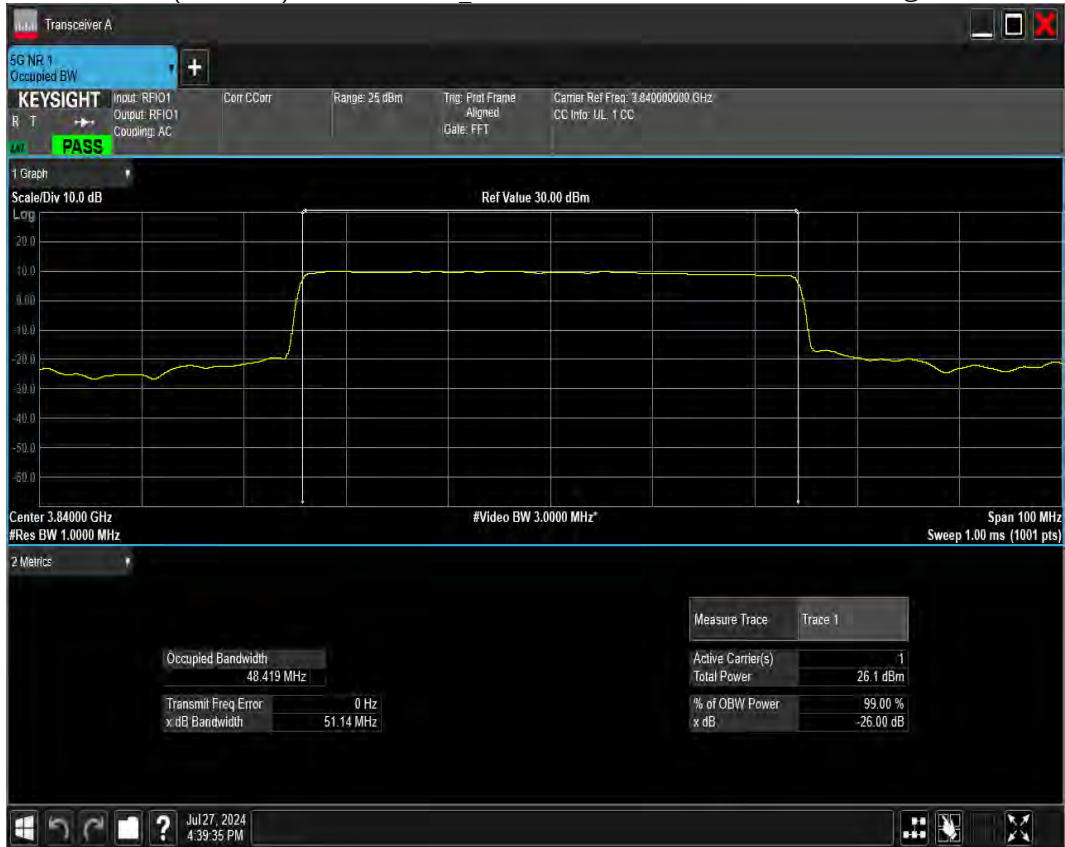
n77(3700-3980) SCS=15kHz DFT_QAM256 BW=50MHz Channel=648334 RB=270@0



n77(3700-3980) SCS=15kHz CP_QPSK BW=50MHz Channel=648334 RB=270@0



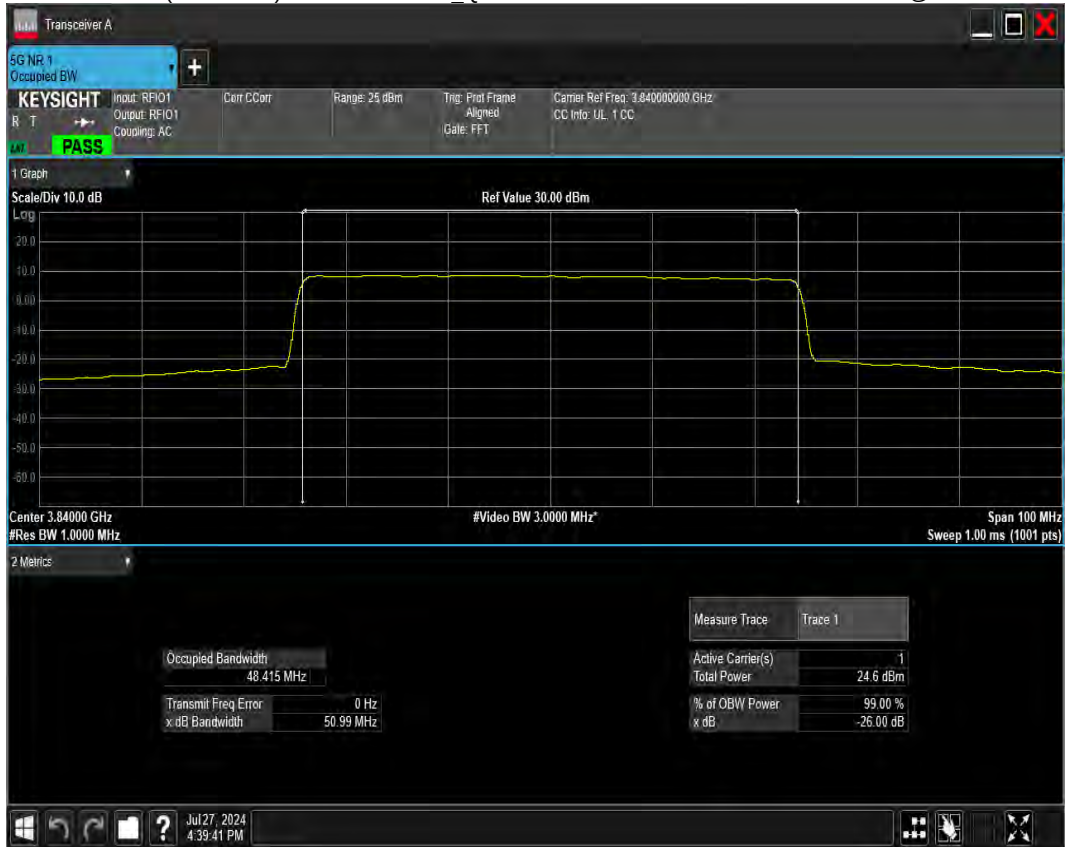
n77(3700-3980) SCS=15kHz DFT_BPSK BW=50MHz Channel=656000 RB=270@0



n77(3700-3980) SCS=15kHz DFT_QPSK BW=50MHz Channel=656000 RB=270@0



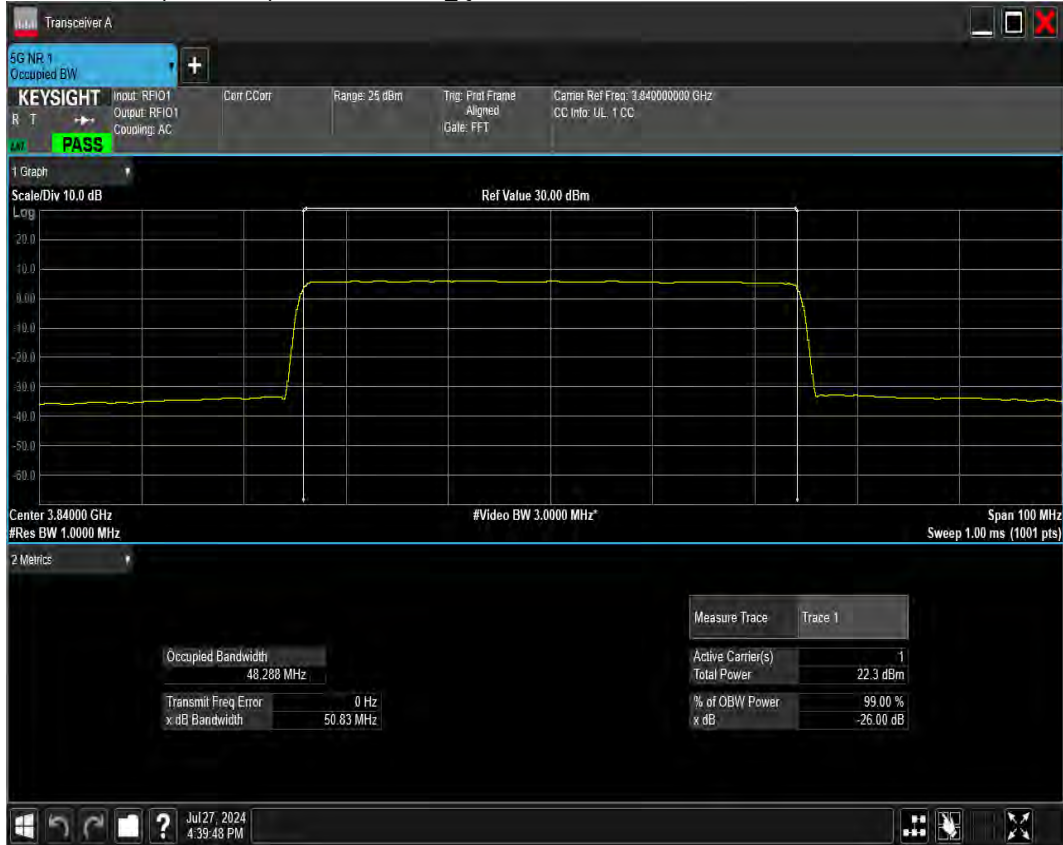
n77(3700-3980) SCS=15kHz DFT_QAM16 BW=50MHz Channel=656000 RB=270@0



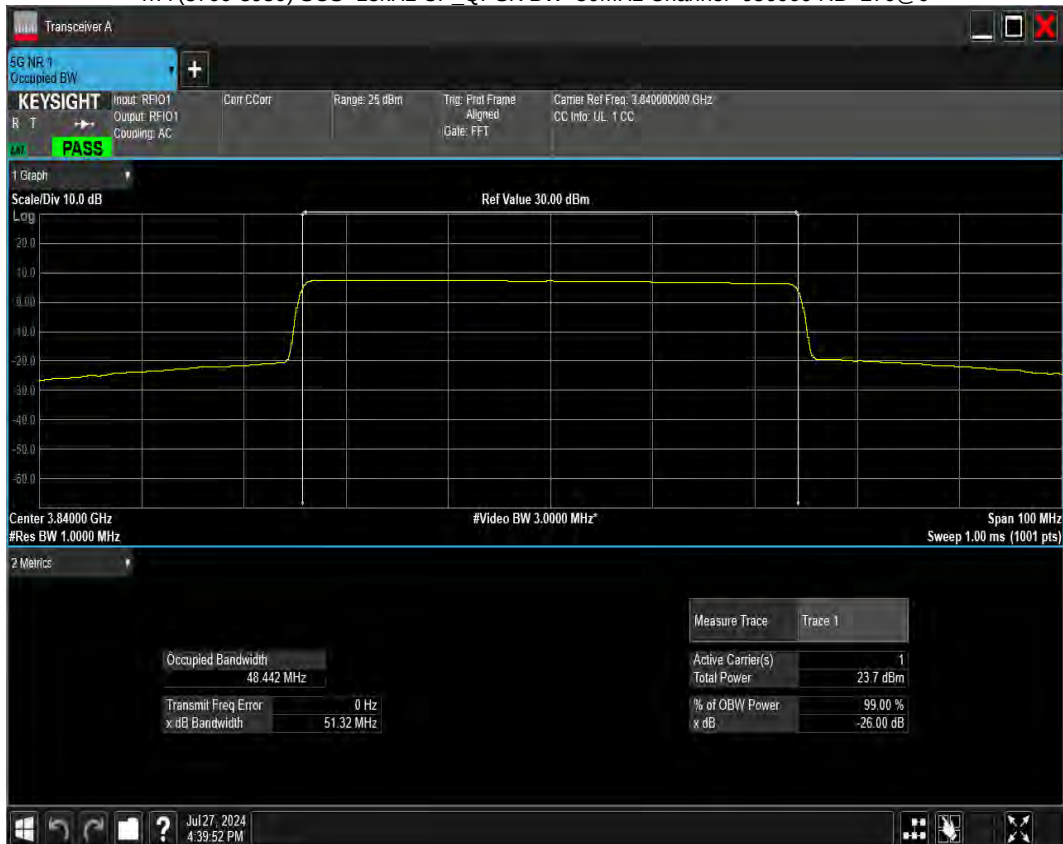
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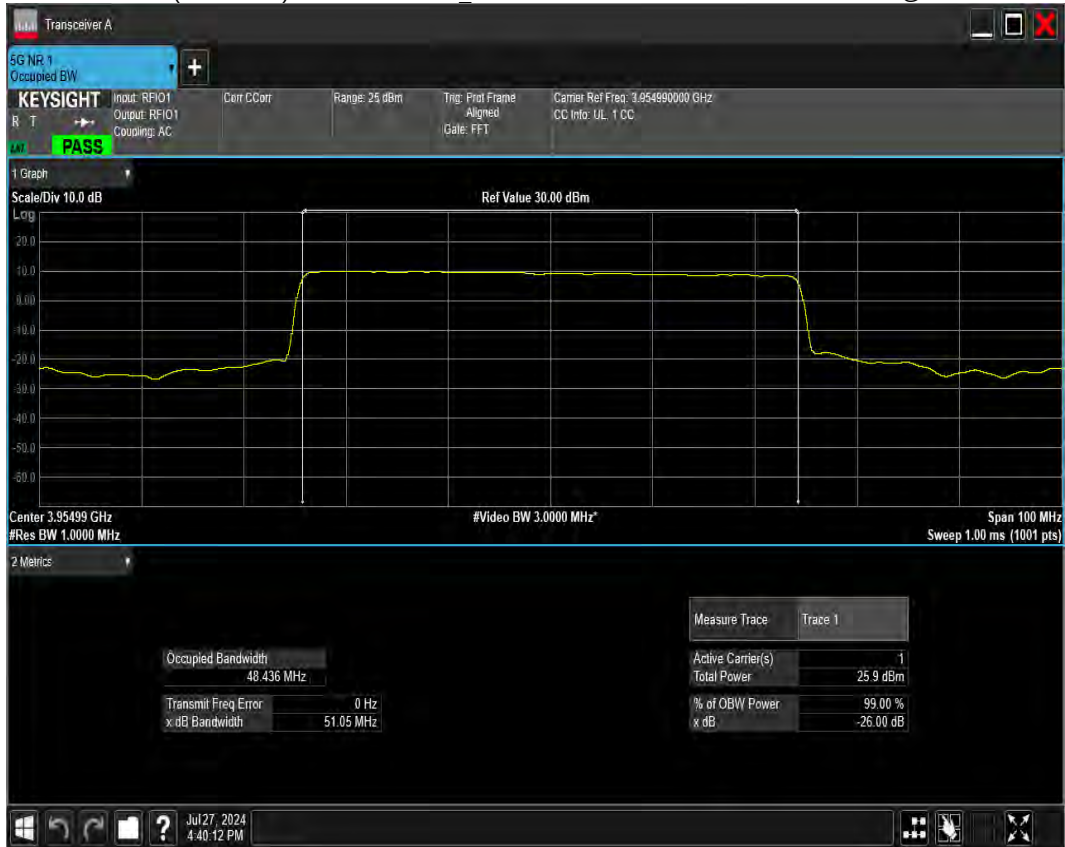
n77(3700-3980) SCS=15kHz DFT_QAM256 BW=50MHz Channel=656000 RB=270@0



n77(3700-3980) SCS=15kHz CP_QPSK BW=50MHz Channel=656000 RB=270@0



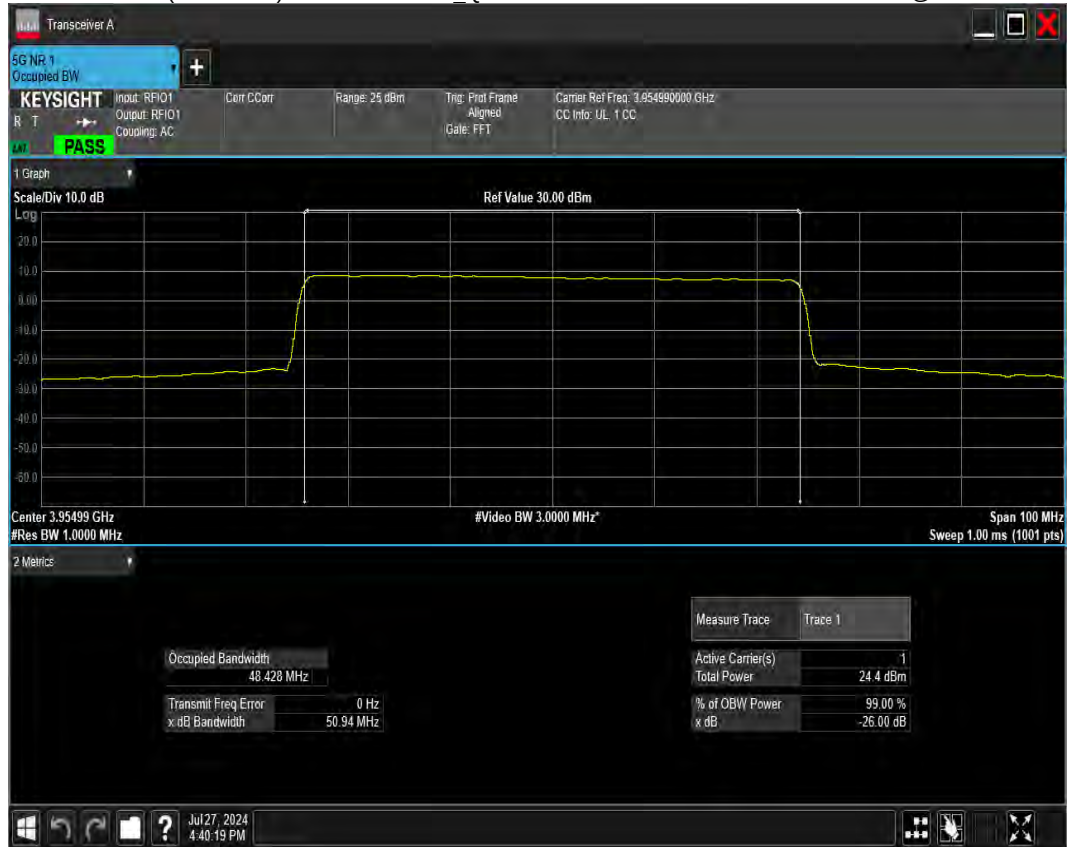
n77(3700-3980) SCS=15kHz DFT_BPSK BW=50MHz Channel=663666 RB=270@0



n77(3700-3980) SCS=15kHz DFT_QPSK BW=50MHz Channel=663666 RB=270@0



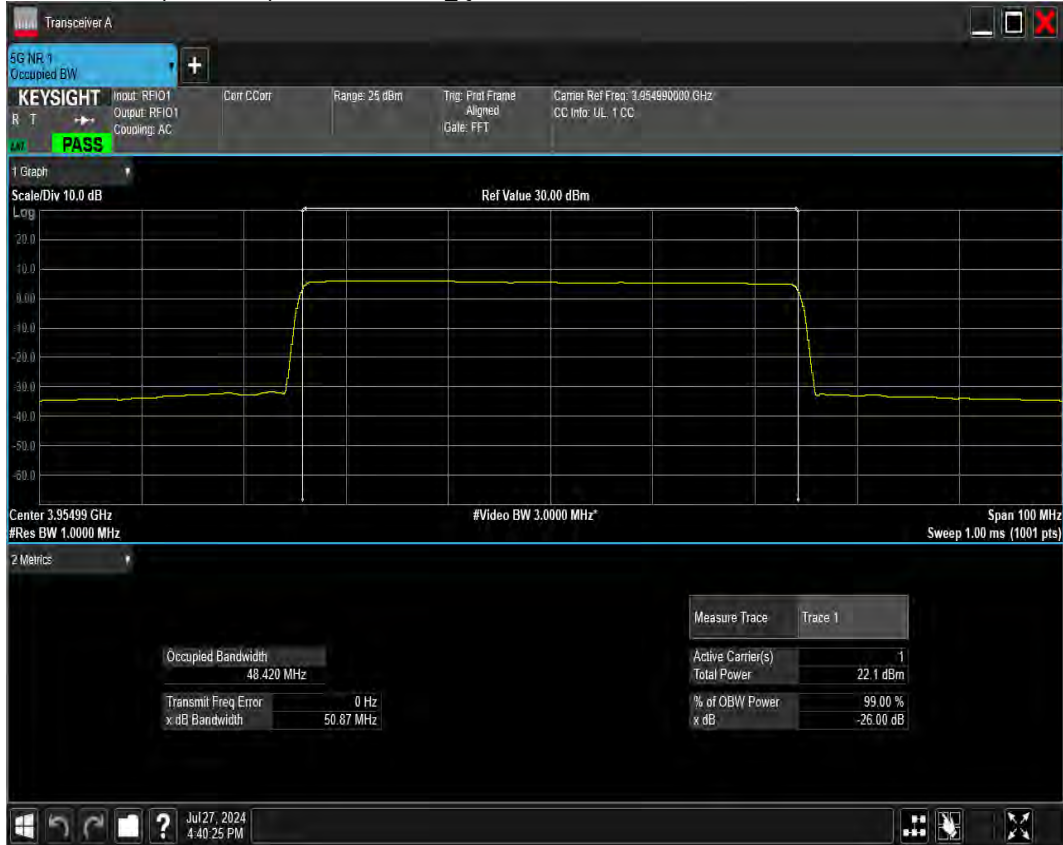
n77(3700-3980) SCS=15kHz DFT_QAM16 BW=50MHz Channel=663666 RB=270@0



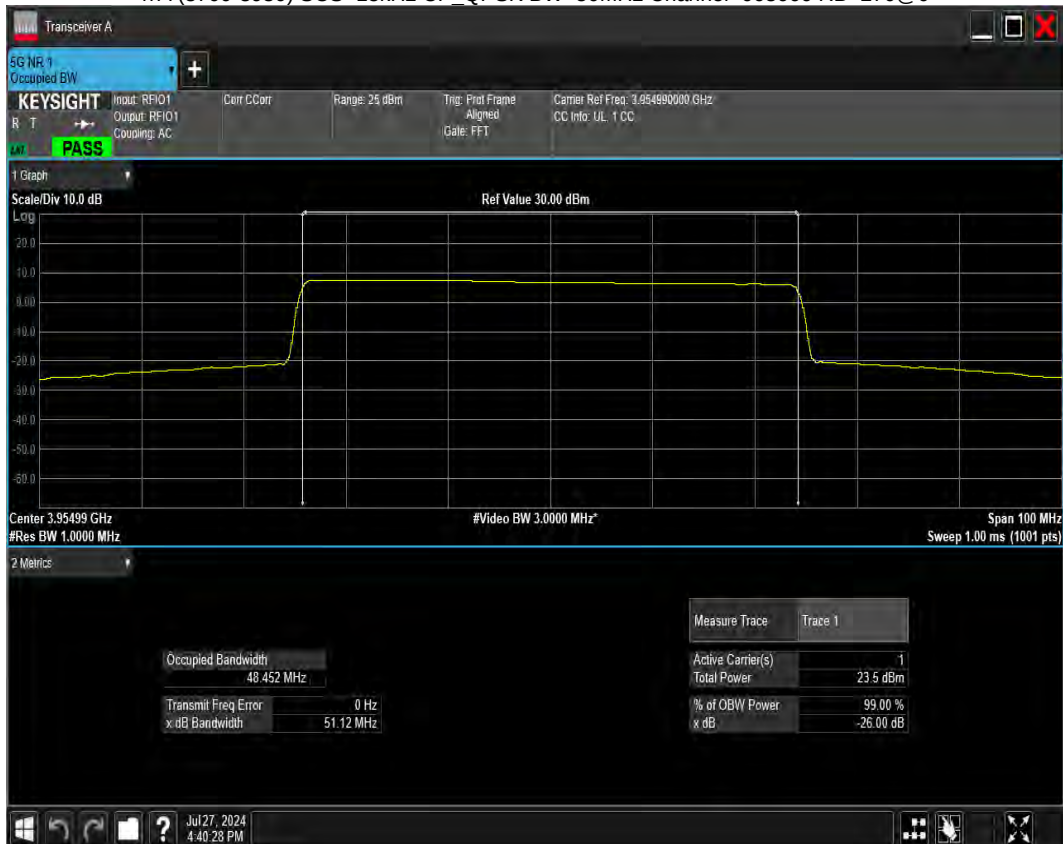
n77(3700-3980) SCS=15kHz DFT_QAM64 BW=50MHz Channel=663666 RB=270@0



n77(3700-3980) SCS=15kHz DFT_QAM256 BW=50MHz Channel=663666 RB=270@0



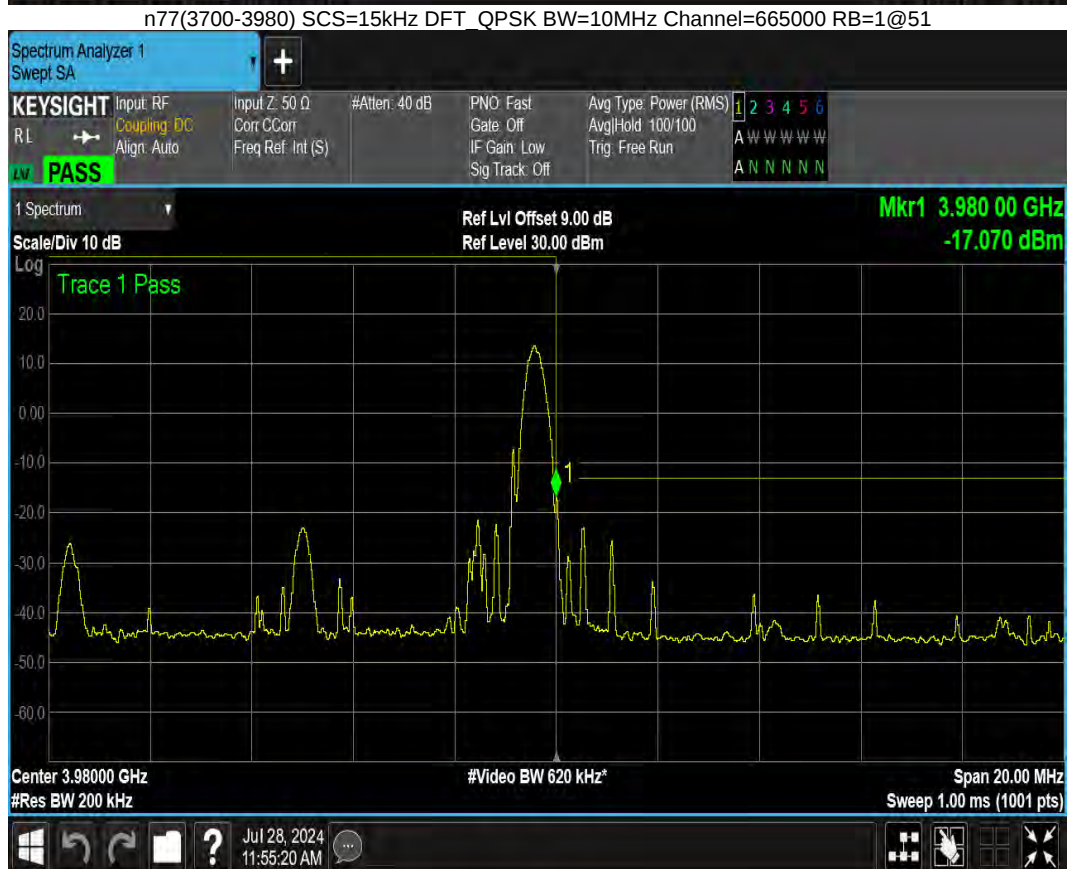
n77(3700-3980) SCS=15kHz CP_QPSK BW=50MHz Channel=663666 RB=270@0



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
n77(3700-3980)	15	10	647000	50@0	DFT_QPSK	3698.70	-28.08	-13	PASS
n77(3700-3980)	15	10	647000	1@0	DFT_QPSK	3699.96	-15.96	-13	PASS
n77(3700-3980)	15	10	665000	50@0	DFT_QPSK	3981.72	-31.61	-13	PASS
n77(3700-3980)	15	10	665000	1@51	DFT_QPSK	3980.00	-17.07	-13	PASS
n77(3700-3980)	15	50	648334	270@0	DFT_QPSK	3695.80	-24.15	-13	PASS
n77(3700-3980)	15	50	648334	1@0	DFT_QPSK	3699.30	-31.58	-13	PASS
n77(3700-3980)	15	50	663666	270@0	DFT_QPSK	3983.10	-27.68	-13	PASS
n77(3700-3980)	15	50	663666	1@269	DFT_QPSK	3980.20	-29.15	-13	PASS





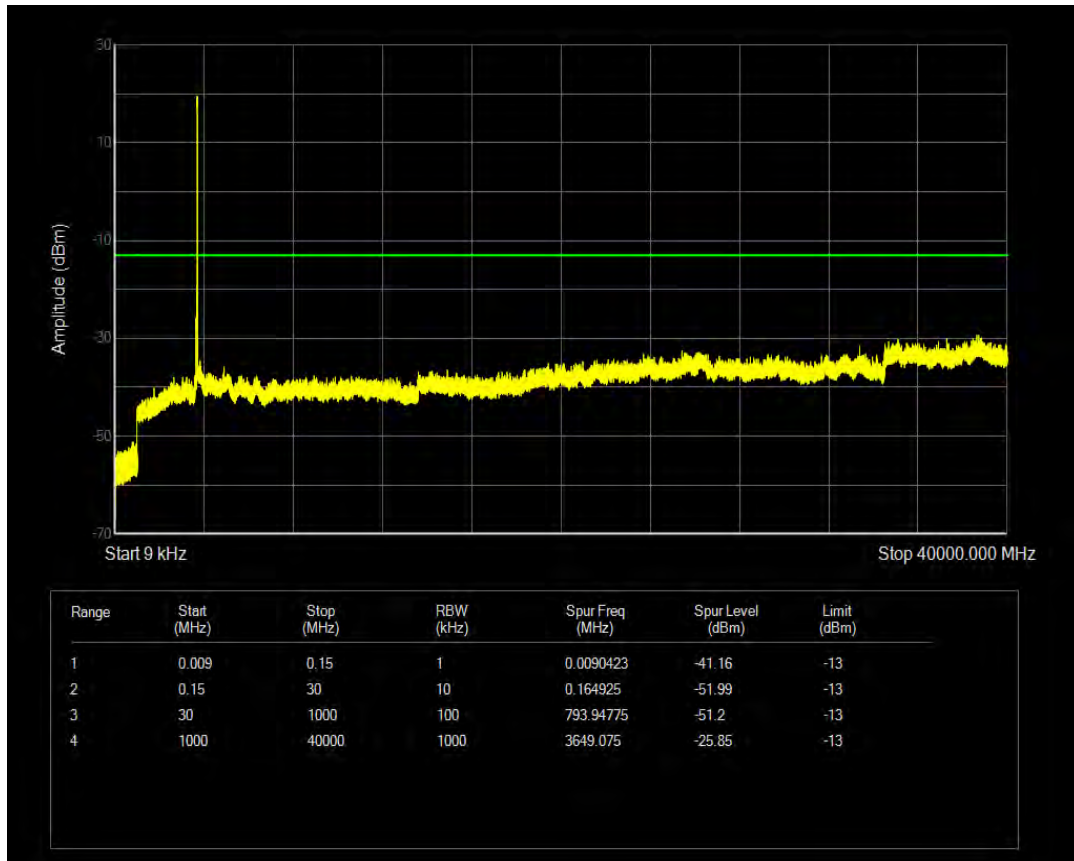




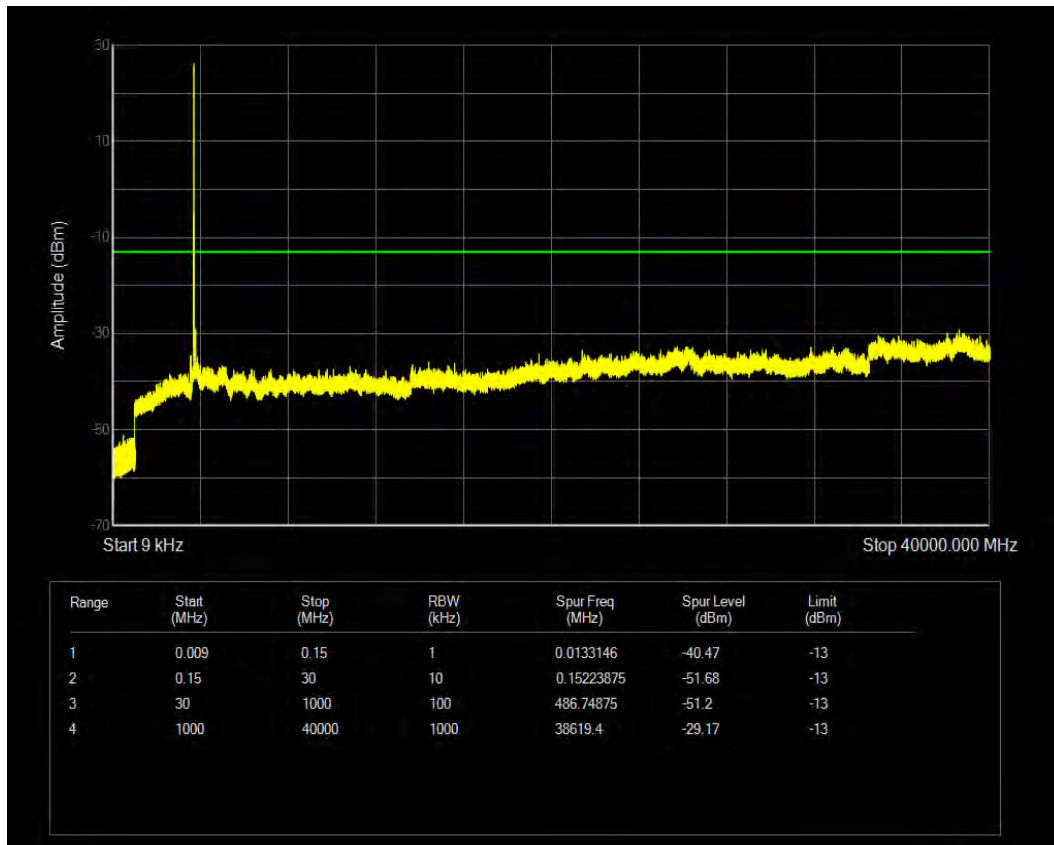
6 Out-of-band emissions for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n77(3700-3980)	15	10	647000	50@0	DFT_QPSK	3649.08	-25.85	-13	PASS
n77(3700-3980)	15	10	647000	1@0	DFT_QPSK	38619.40	-29.17	-13	PASS
n77(3700-3980)	15	10	647000	1@51	DFT_QPSK	3645.18	-27.39	-13	PASS
n77(3700-3980)	15	10	656000	50@0	DFT_QPSK	38827.08	-29.19	-13	PASS
n77(3700-3980)	15	10	656000	1@0	DFT_QPSK	38059.75	-28.98	-13	PASS
n77(3700-3980)	15	10	656000	1@51	DFT_QPSK	38540.43	-29.40	-13	PASS
n77(3700-3980)	15	10	665000	50@0	DFT_QPSK	4047.85	-28.06	-13	PASS
n77(3700-3980)	15	10	665000	1@0	DFT_QPSK	38941.15	-28.84	-13	PASS
n77(3700-3980)	15	10	665000	1@51	DFT_QPSK	4032.25	-28.18	-13	PASS
n77(3700-3980)	15	50	648334	270@0	DFT_QPSK	38803.68	-29.68	-13	PASS
n77(3700-3980)	15	50	648334	1@0	DFT_QPSK	38581.38	-27.89	-13	PASS
n77(3700-3980)	15	50	648334	1@269	DFT_QPSK	38524.83	-29.20	-13	PASS
n77(3700-3980)	15	50	656000	270@0	DFT_QPSK	38946.03	-29.67	-13	PASS
n77(3700-3980)	15	50	656000	1@0	DFT_QPSK	38151.40	-29.50	-13	PASS
n77(3700-3980)	15	50	656000	1@269	DFT_QPSK	35042.13	-29.17	-13	PASS
n77(3700-3980)	15	50	663666	270@0	DFT_QPSK	38570.65	-29.40	-13	PASS
n77(3700-3980)	15	50	663666	1@0	DFT_QPSK	38505.33	-28.94	-13	PASS
n77(3700-3980)	15	50	663666	1@269	DFT_QPSK	38814.40	-28.18	-13	PASS

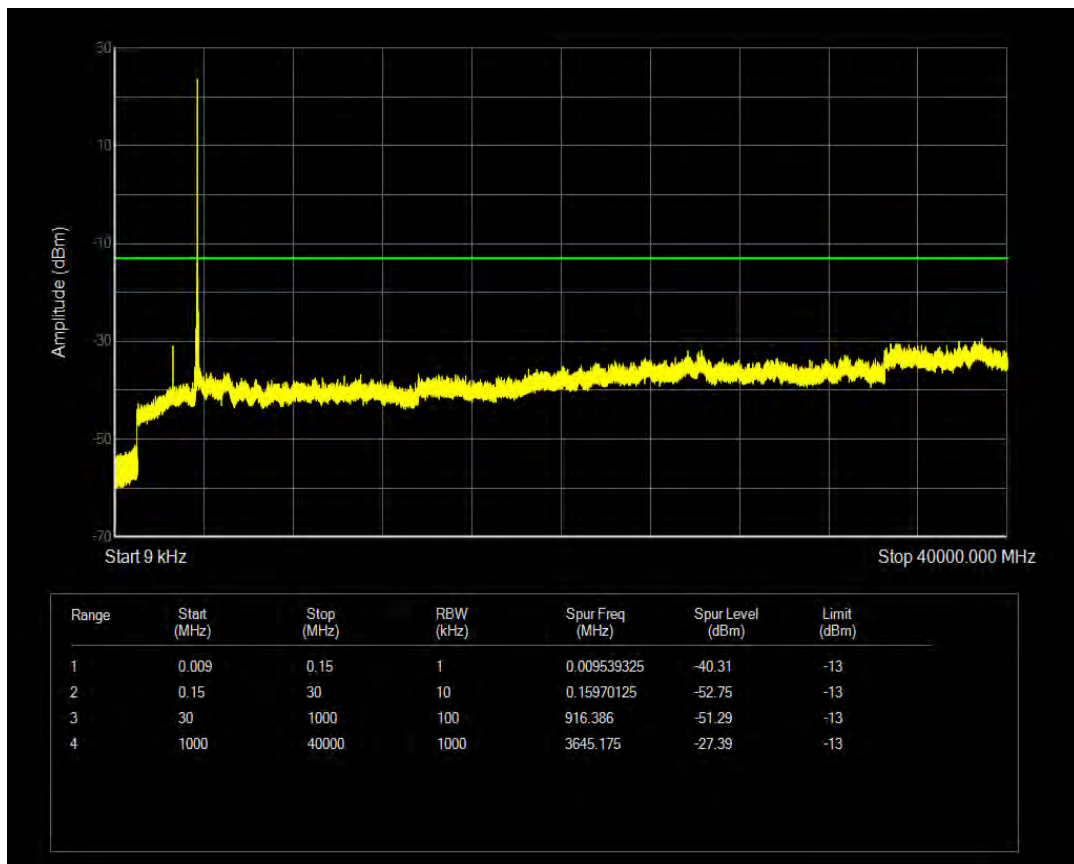
n77(3700-3980) SCS=15kHz DFT_QPSK BW=10MHz Channel=647000 RB=50@0



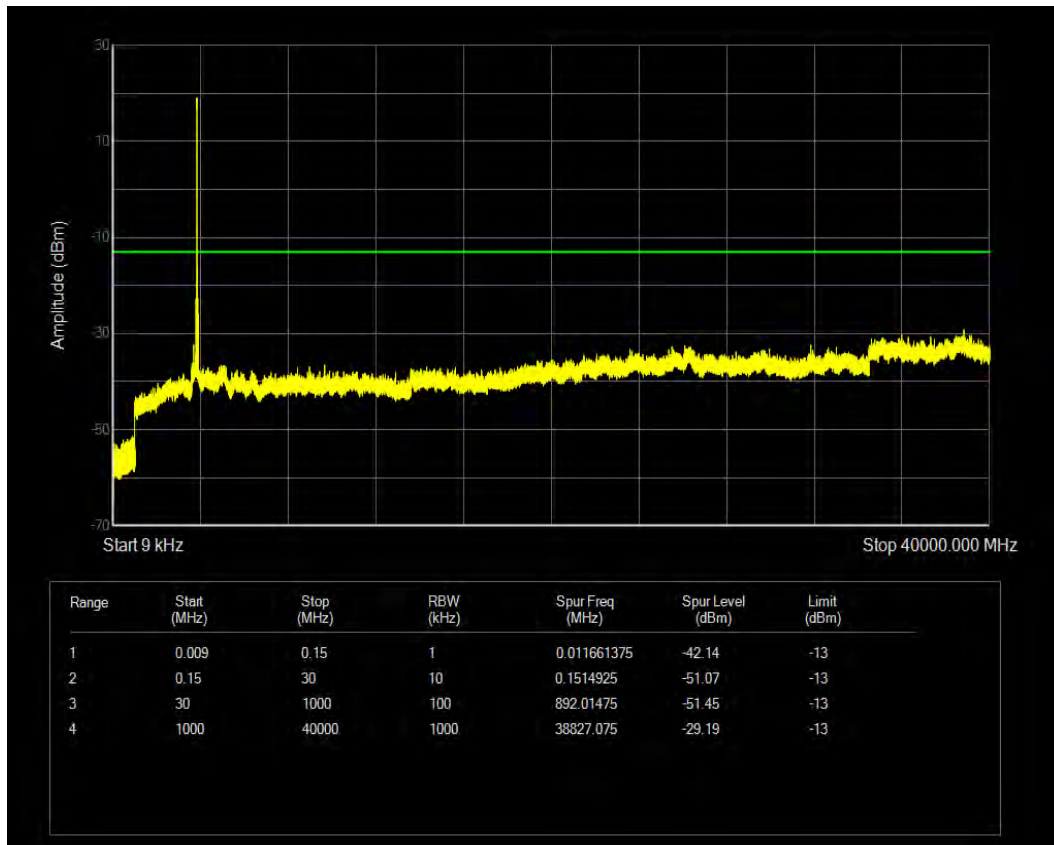
n77(3700-3980) SCS=15kHz DFT_QPSK BW=10MHz Channel=647000 RB=1@0



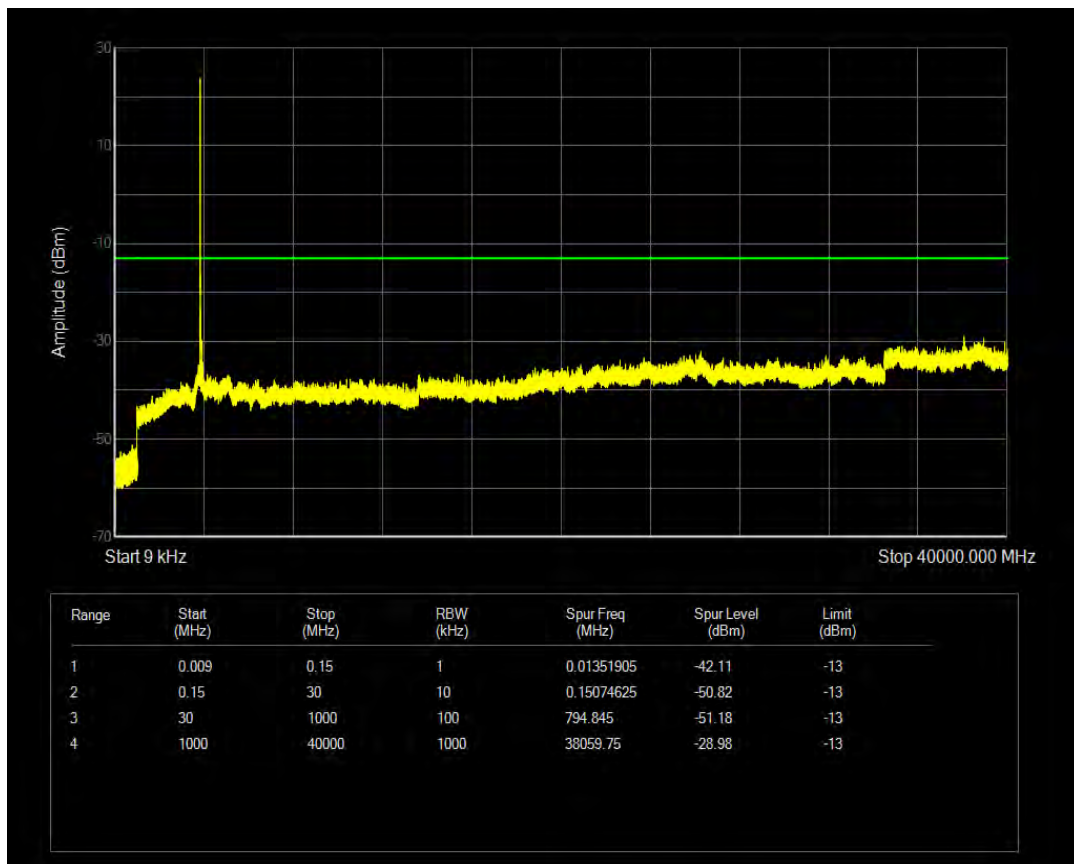
n77(3700-3980) SCS=15kHz DFT_QPSK BW=10MHz Channel=647000 RB=1@51



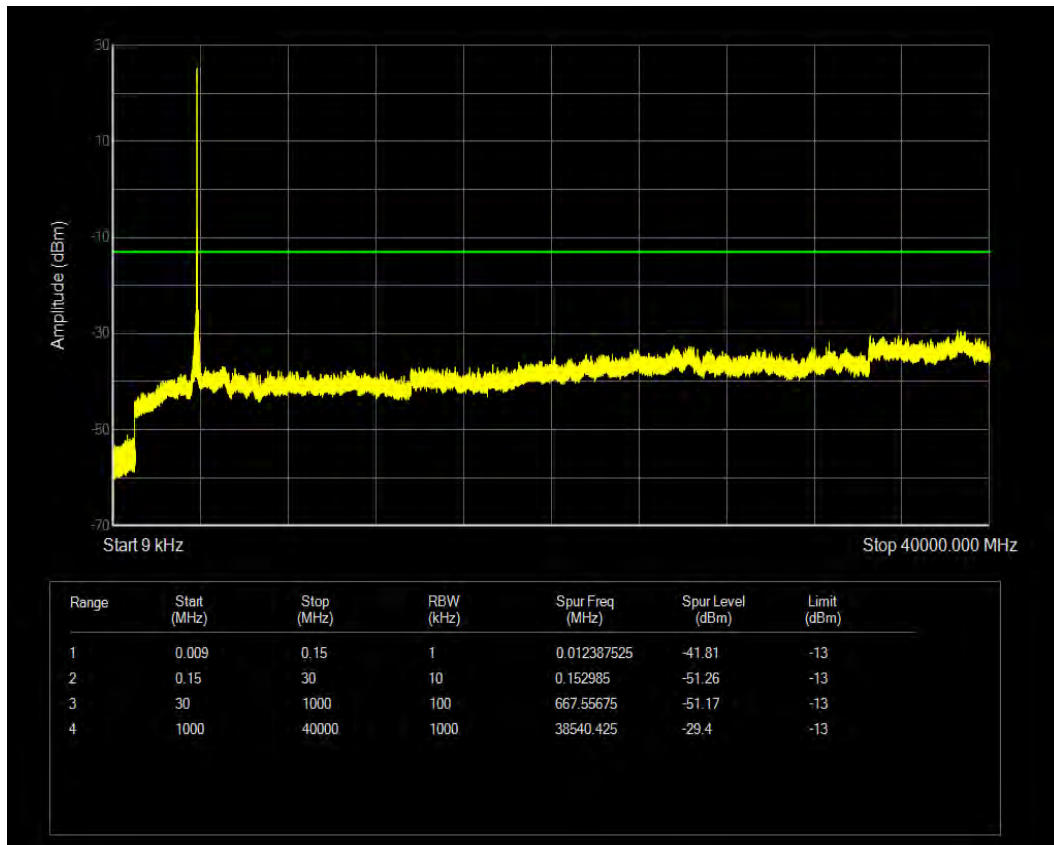
n77(3700-3980) SCS=15kHz DFT_QPSK BW=10MHz Channel=656000 RB=50@0



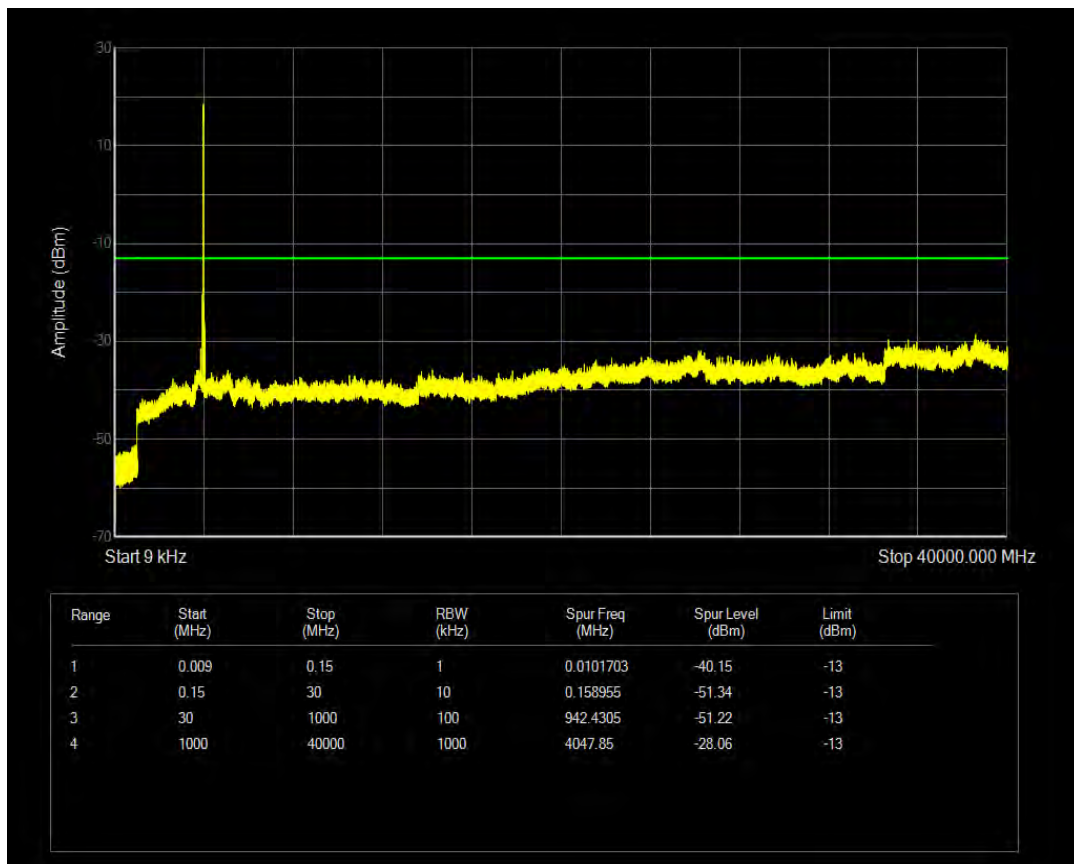
n77(3700-3980) SCS=15kHz DFT_QPSK BW=10MHz Channel=656000 RB=1@0



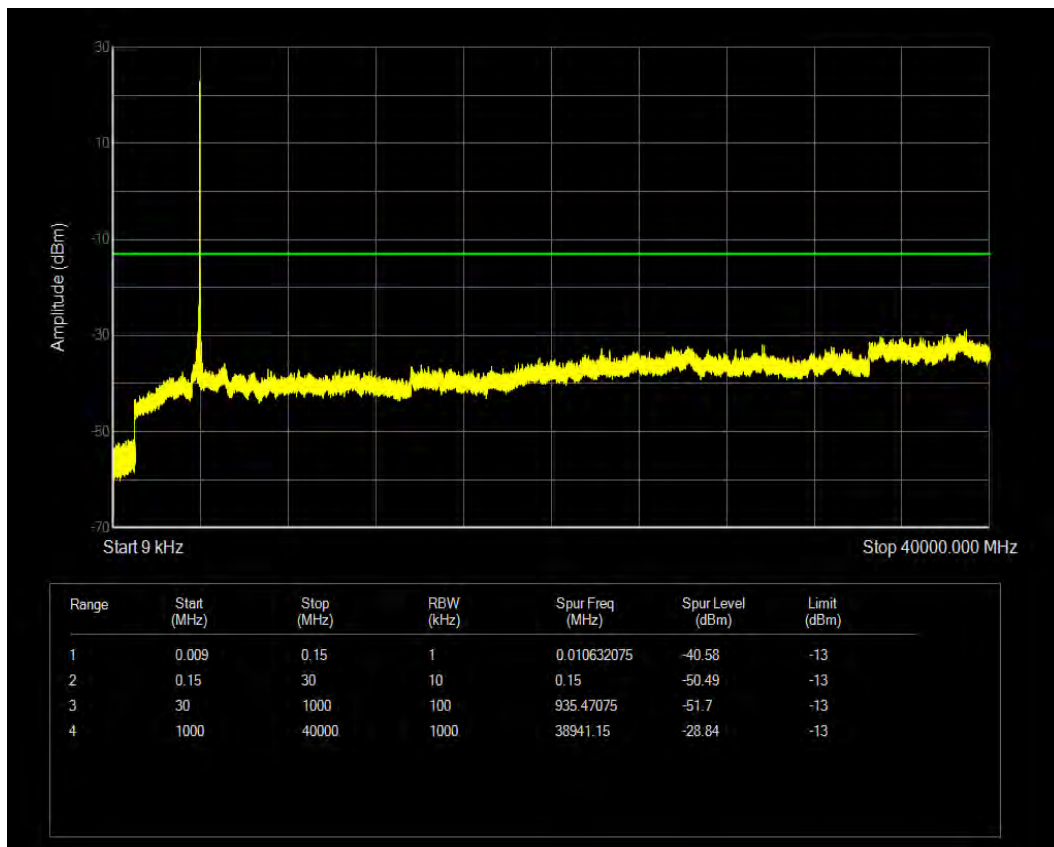
n77(3700-3980) SCS=15kHz DFT_QPSK BW=10MHz Channel=656000 RB=1@51



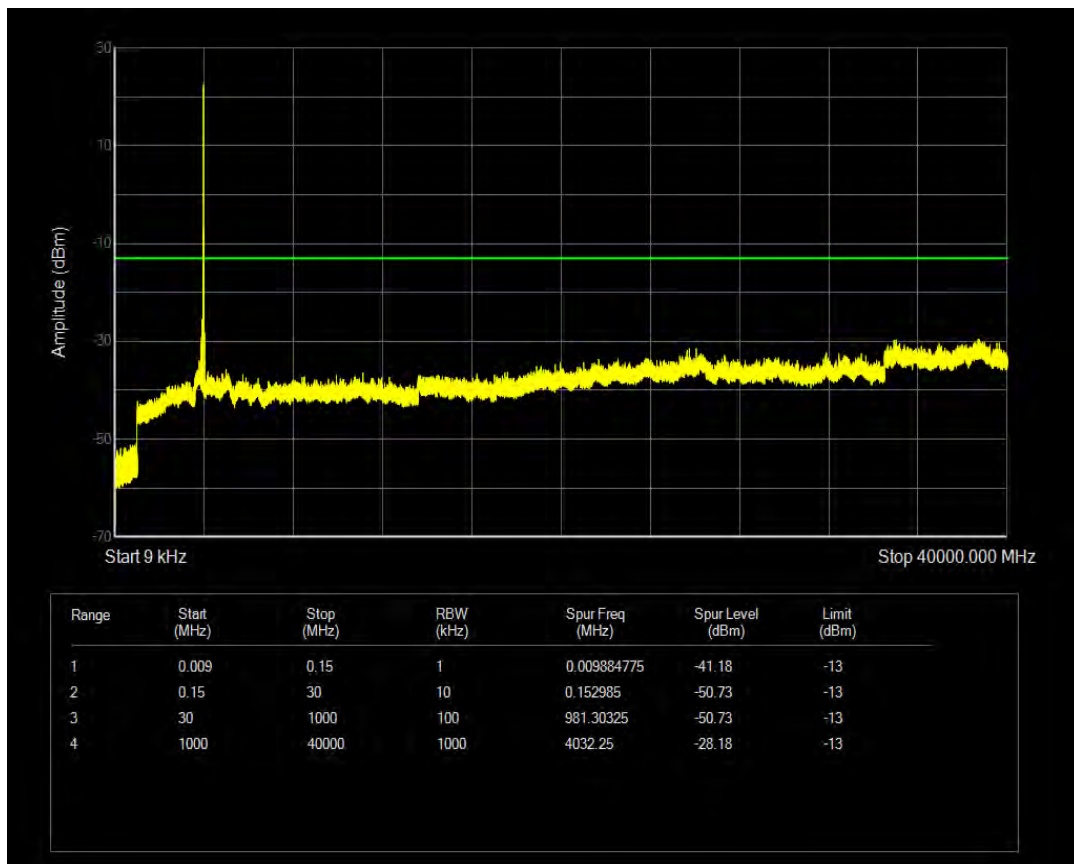
n77(3700-3980) SCS=15kHz DFT_QPSK BW=10MHz Channel=665000 RB=50@0



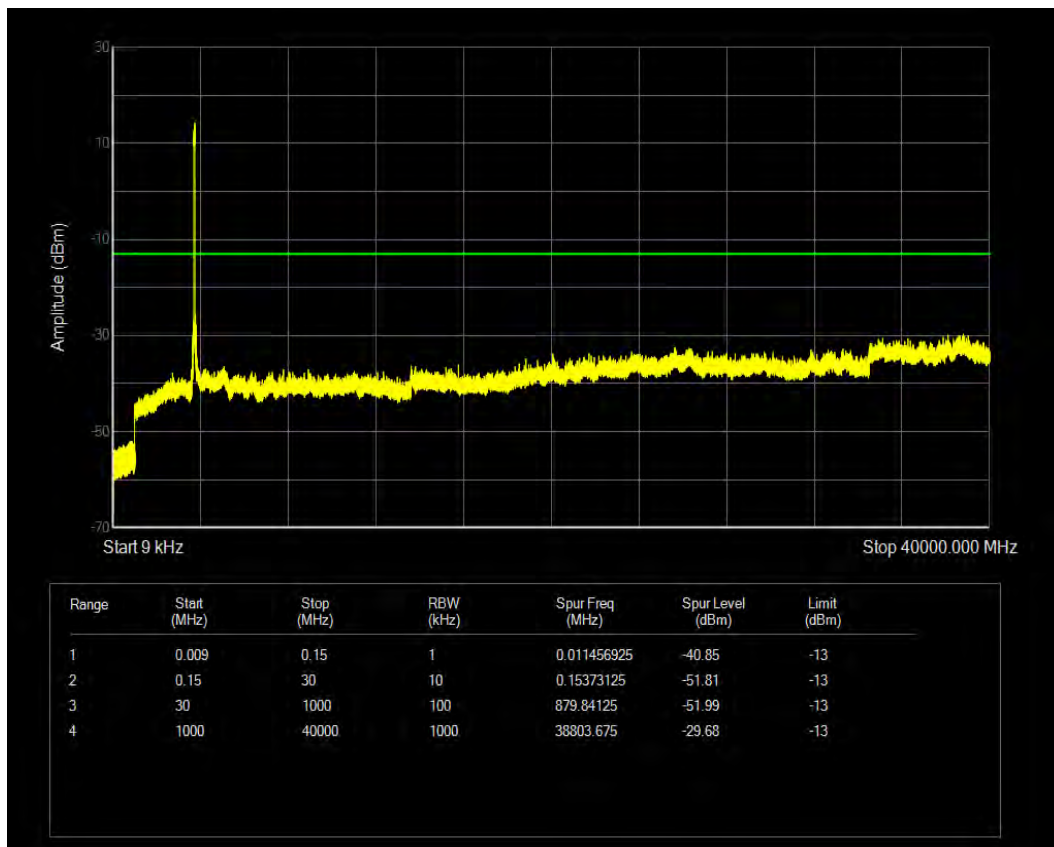
n77(3700-3980) SCS=15kHz DFT_QPSK BW=10MHz Channel=665000 RB=1@0



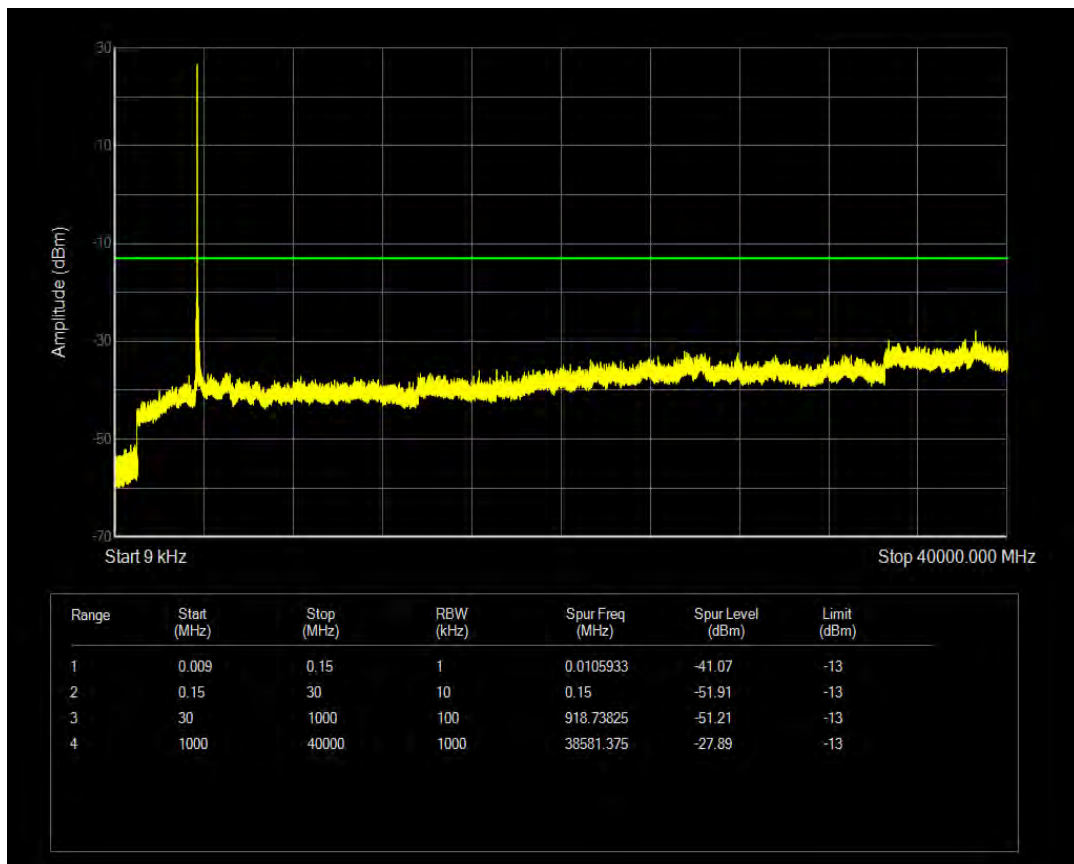
n77(3700-3980) SCS=15kHz DFT_QPSK BW=10MHz Channel=665000 RB=1@51



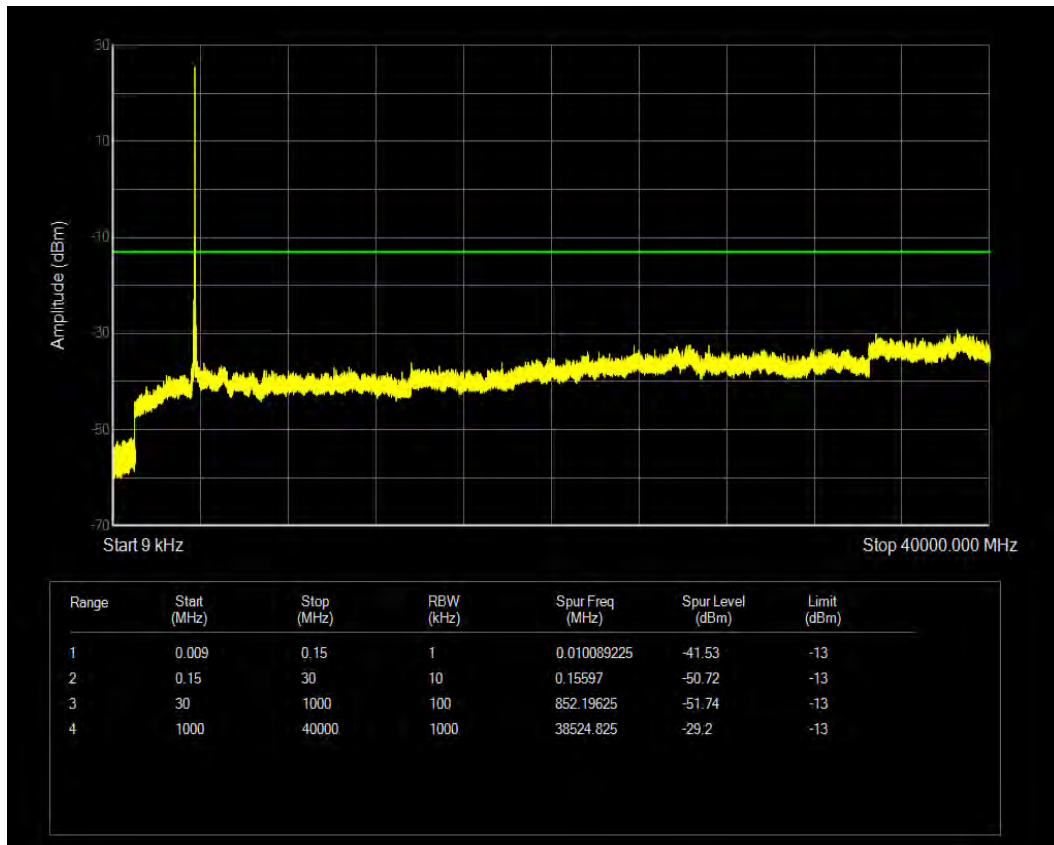
n77(3700-3980) SCS=15kHz DFT_QPSK BW=50MHz Channel=648334 RB=270@0



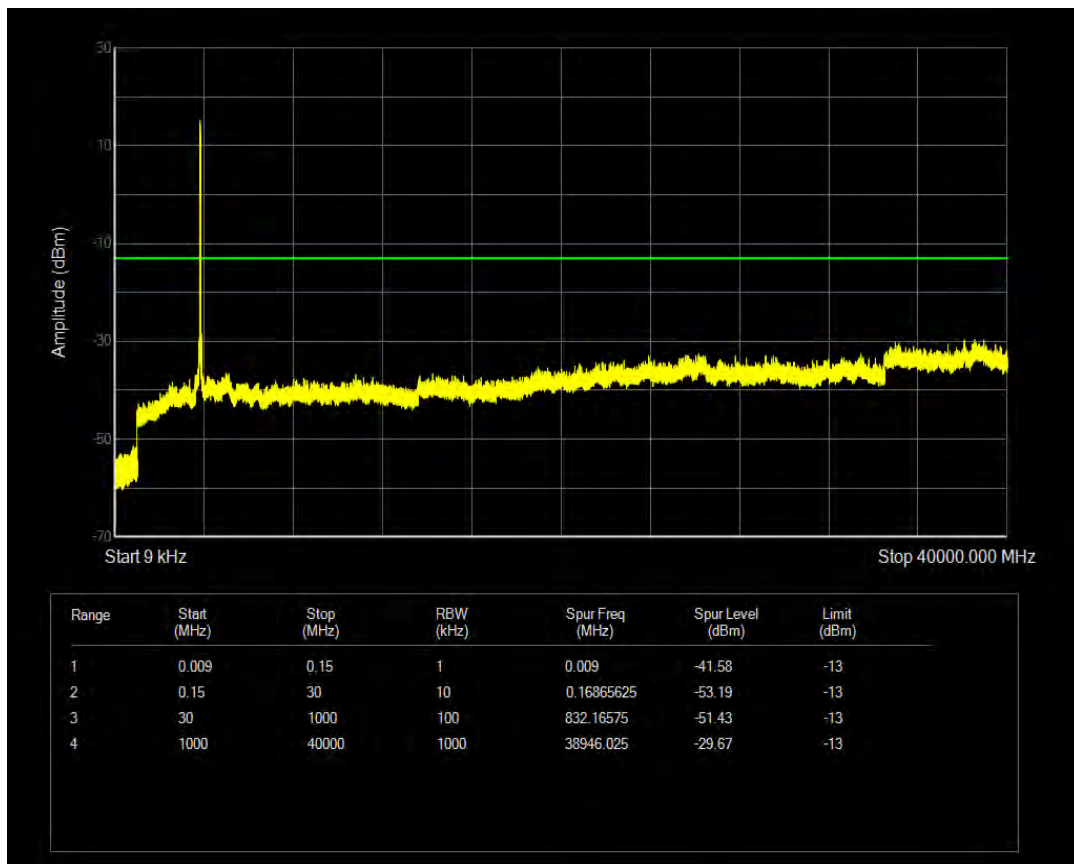
n77(3700-3980) SCS=15kHz DFT_QPSK BW=50MHz Channel=648334 RB=1@0



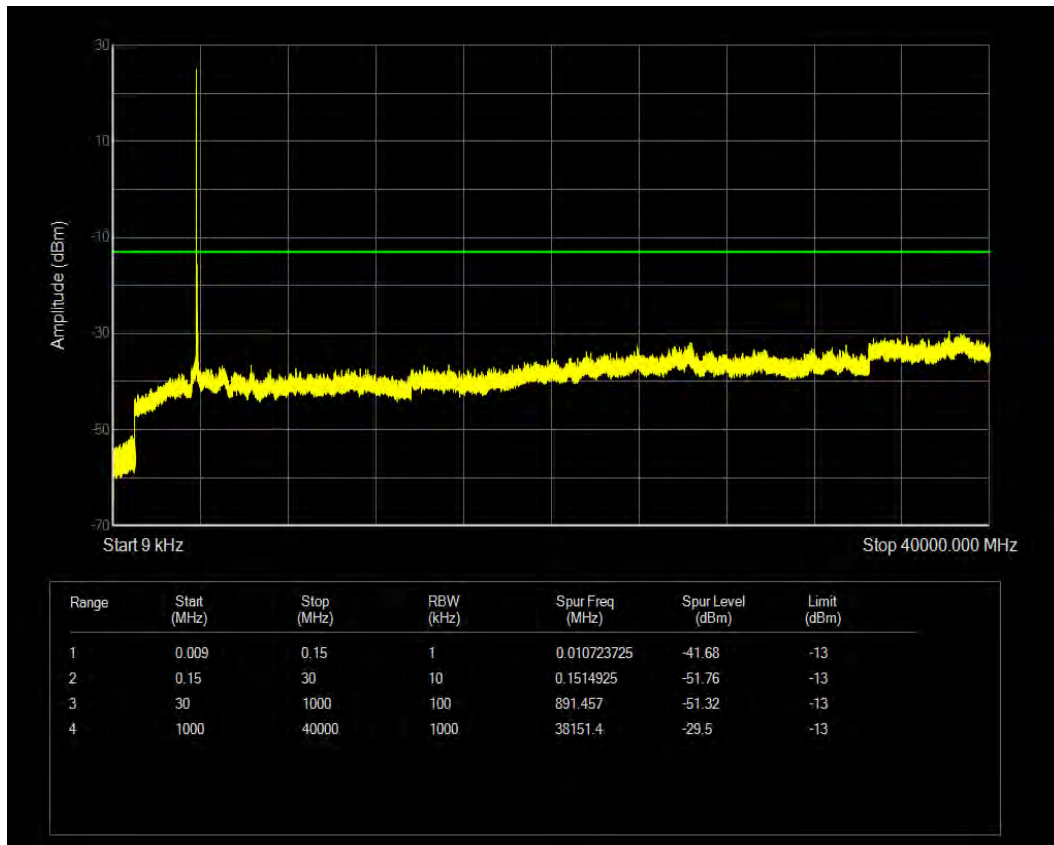
n77(3700-3980) SCS=15kHz DFT_QPSK BW=50MHz Channel=648334 RB=1@269



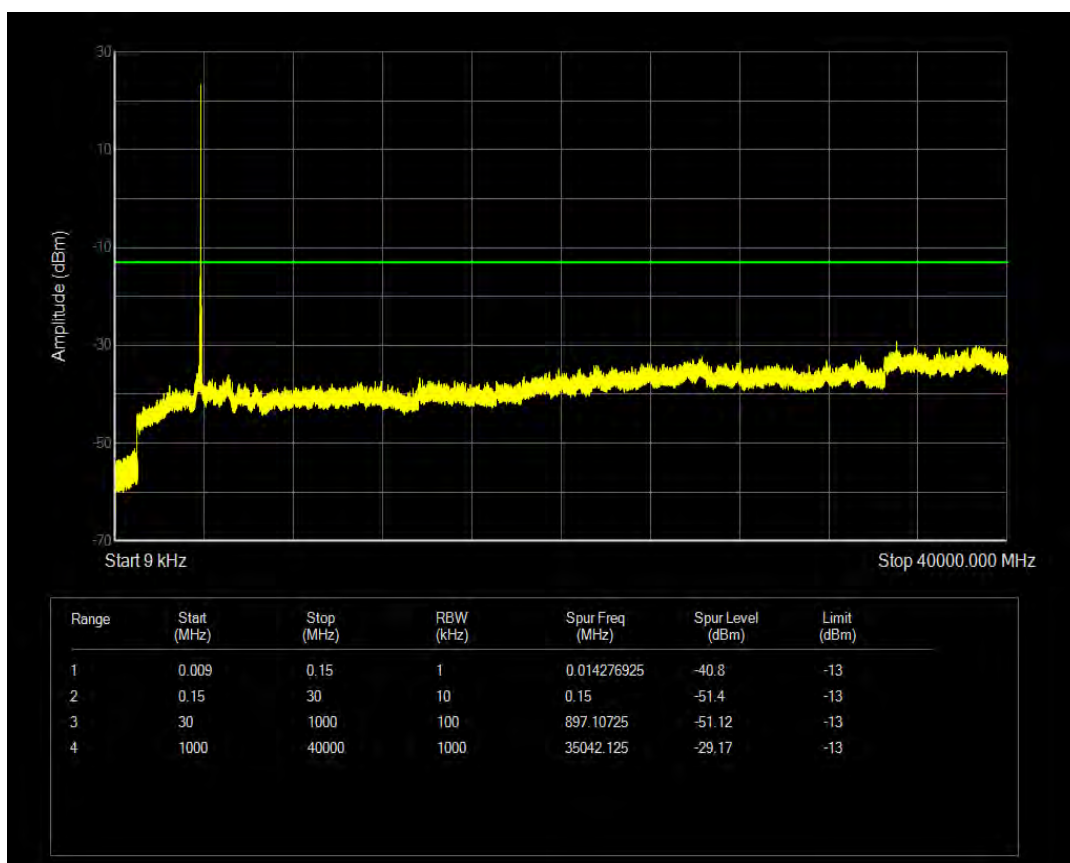
n77(3700-3980) SCS=15kHz DFT_QPSK BW=50MHz Channel=656000 RB=270@0



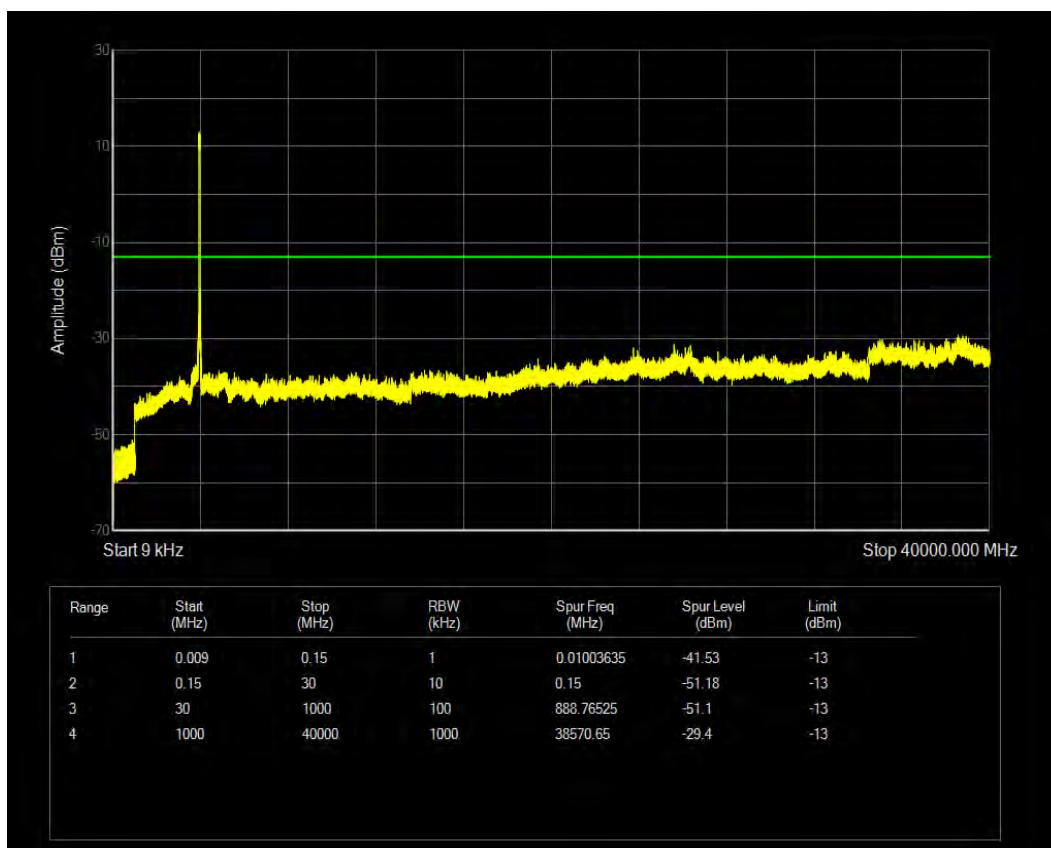
n77(3700-3980) SCS=15kHz DFT_QPSK BW=50MHz Channel=656000 RB=1@0



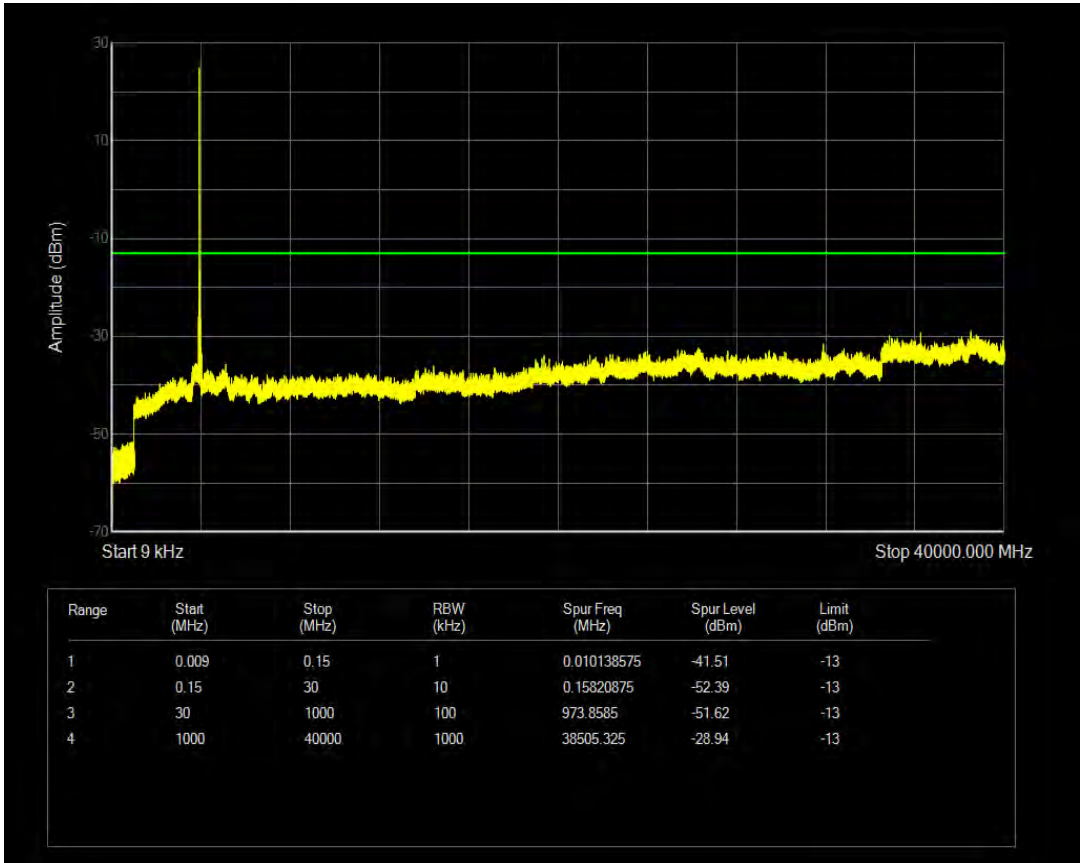
n77(3700-3980) SCS=15kHz DFT_QPSK BW=50MHz Channel=656000 RB=1@269



n77(3700-3980) SCS=15kHz DFT_QPSK BW=50MHz Channel=663666 RB=270@0



n77(3700-3980) SCS=15kHz DFT_QPSK BW=50MHz Channel=663666 RB=1@0



n77(3700-3980) SCS=15kHz DFT_QPSK BW=50MHz Channel=663666 RB=1@269

