

1 Conducted output power for NR FR1

NR Band n77(3450-3550) SCS 15KHz											
BW (MHz)	Modulation	RB Allocation	Conducted Power(dBm)			Ant gain (dBi)	EIRP(dBm)			Limit (dBm)	Verdict
			Channel/Frequency(MHz)				Channel/Frequency(MHz)				
			631668	633334	635000		631668	633334	635000		
			3475.0 20	3500.0 10	3525.0 00		3475.0 20	3500.0 10	3525.0 00		
50	DFT_BPSK	135@67	23.36	23.54	23.72	0.2	23.56	23.74	23.92	33.01	Pass
50	DFT_BPSK	1@1	23.84	23.06	23.01	0.2	24.04	23.26	23.21		Pass
50	DFT_BPSK	1@268	23.53	23.32	23.38	0.2	23.73	23.52	23.58		Pass
50	DFT_QPSK	135@67	23.15	23.13	23.93	0.2	23.35	23.33	24.13		Pass
50	DFT_QPSK	1@1	23.83	23.17	23.13	0.2	24.03	23.37	23.33		Pass
50	DFT_QPSK	1@268	23.85	23.09	23.14	0.2	24.05	23.29	23.34		Pass
50	DFT_QAM16	135@67	22.10	22.44	22.29	0.2	22.30	22.64	22.49		Pass
50	DFT_QAM16	1@1	22.09	22.02	22.41	0.2	22.29	22.22	22.61		Pass
50	DFT_QAM16	1@268	22.26	22.29	22.44	0.2	22.46	22.49	22.64		Pass
50	DFT_QAM64	135@67	21.36	21.35	21.11	0.2	21.56	21.55	21.31		Pass
50	DFT_QAM64	1@1	21.41	21.39	21.22	0.2	21.61	21.59	21.42		Pass
50	DFT_QAM64	1@268	21.31	21.43	21.30	0.2	21.51	21.63	21.50		Pass
50	DFT_QAM256	135@67	19.29	19.01	19.01	0.2	19.49	19.21	19.21		Pass
50	DFT_QAM256	1@1	19.28	19.20	19.20	0.2	19.48	19.40	19.40		Pass
50	DFT_QAM256	1@268	19.33	19.29	19.06	0.2	19.53	19.49	19.26		Pass
50	CP_QPSK	135@67	21.10	21.10	21.38	0.2	21.30	21.30	21.58		Pass
50	CP_QPSK	1@1	21.30	21.02	21.45	0.2	21.50	21.22	21.65		Pass
50	CP_QPSK	1@268	21.42	21.43	21.15	0.2	21.62	21.63	21.35		Pass
50	CP_QAM16	135@67	21.13	21.15	21.19	0.2	21.33	21.35	21.39		Pass
50	CP_QAM16	1@1	21.45	21.41	21.18	0.2	21.65	21.61	21.38		Pass
50	CP_QAM16	1@268	21.20	21.12	21.29	0.2	21.40	21.32	21.49		Pass
50	CP_QAM64	135@67	19.08	19.11	19.39	0.2	19.28	19.31	19.59		Pass
50	CP_QAM64	1@1	19.15	19.14	19.24	0.2	19.35	19.34	19.44		Pass
50	CP_QAM64	1@268	19.08	19.08	19.35	0.2	19.28	19.28	19.55		Pass
50	CP_QAM256	135@67	17.34	17.13	17.18	0.2	17.54	17.33	17.38		Pass
50	CP_QAM256	1@1	17.11	17.40	17.21	0.2	17.31	17.60	17.41		Pass
50	CP_QAM256	1@268	17.10	17.42	17.20	0.2	17.30	17.62	17.40		Pass

NR Band n77(3450-3550) SCS 15KHz											
BW (MHz)	Modulation	RB Allocation	Conducted Power(dBm)			Ant gain (dBi)	EIRP(dBm)			Limit (dBm)	Verdict
			Channel/Frequency(MHz)				Channel/Frequency(MHz)				
			631334	633334	635332		631334	633334	635332		
			3470.0 10	3500.0 10	3529.9 80		3470.0 10	3500.0 10	3529.9 80		
40	DFT_BPSK	108@54	23.88	23.13	23.34	0.2	24.08	23.33	23.54	33.01	Pass
40	DFT_BPSK	1@1	23.13	23.91	23.27	0.2	23.33	24.11	23.47		Pass
40	DFT_BPSK	1@214	23.02	23.08	23.04	0.2	23.22	23.28	23.24		Pass
40	DFT_QPSK	108@54	23.11	23.28	23.75	0.2	23.31	23.48	23.95		Pass
40	DFT_QPSK	1@1	23.46	23.57	23.19	0.2	23.66	23.77	23.39		Pass
40	DFT_QPSK	1@214	23.93	23.62	23.42	0.2	24.13	23.82	23.62		Pass
40	DFT_QAM16	108@54	22.37	22.32	22.39	0.2	22.57	22.52	22.59		Pass
40	DFT_QAM16	1@1	22.08	22.37	22.05	0.2	22.28	22.57	22.25		Pass
40	DFT_QAM16	1@214	22.35	22.02	22.09	0.2	22.55	22.22	22.29		Pass
40	DFT_QAM64	108@54	21.29	21.13	21.25	0.2	21.49	21.33	21.45		Pass
40	DFT_QAM64	1@1	21.14	21.04	21.06	0.2	21.34	21.24	21.26		Pass
40	DFT_QAM64	1@214	21.10	21.28	21.09	0.2	21.30	21.48	21.29		Pass
40	DFT_QAM256	108@54	19.14	19.17	19.43	0.2	19.34	19.37	19.63		Pass
40	DFT_QAM256	1@1	19.25	19.16	19.02	0.2	19.45	19.36	19.22		Pass
40	DFT_QAM256	1@214	19.05	19.42	19.30	0.2	19.25	19.62	19.50		Pass
40	CP_QPSK	108@54	21.28	21.17	21.25	0.2	21.48	21.37	21.45		Pass
40	CP_QPSK	1@1	21.17	21.21	21.03	0.2	21.37	21.41	21.23		Pass
40	CP_QPSK	1@214	21.16	21.15	21.45	0.2	21.36	21.35	21.65		Pass
40	CP_QAM16	108@54	21.35	21.45	21.24	0.2	21.55	21.65	21.44		Pass
40	CP_QAM16	1@1	21.30	21.14	21.33	0.2	21.50	21.34	21.53		Pass
40	CP_QAM16	1@214	21.19	21.03	21.36	0.2	21.39	21.23	21.56		Pass
40	CP_QAM64	108@54	19.04	19.05	19.38	0.2	19.24	19.25	19.58		Pass
40	CP_QAM64	1@1	19.25	19.12	19.03	0.2	19.45	19.32	19.23		Pass
40	CP_QAM64	1@214	19.45	19.10	19.15	0.2	19.65	19.30	19.35		Pass
40	CP_QAM256	108@54	17.42	17.21	17.19	0.2	17.62	17.41	17.39		Pass
40	CP_QAM256	1@1	17.29	17.30	17.10	0.2	17.49	17.50	17.30		Pass
40	CP_QAM256	1@214	17.14	17.42	17.10	0.2	17.34	17.62	17.30		Pass

NR Band n77(3450-3550) SCS 15KHz											
BW (MHz)	Modulation	RB Allocation	Conducted Power(dBm)			Ant gain (dBi)	EIRP(dBm)			Limit (dBm)	Verdict
			Channel/Frequency(MHz)				Channel/Frequency(MHz)				
			631000	633334	635666		631000	633334	635666		
			3465.0 00	3500.0 10	3534.9 90		3465.0 00	3500.0 10	3534.9 90		
30	DFT_BPSK	80@40	23.35	23.90	23.72	0.2	23.55	24.10	23.92	33.01	Pass
30	DFT_BPSK	1@1	23.79	23.43	23.14	0.2	23.99	23.63	23.34		Pass
30	DFT_BPSK	1@158	23.98	23.61	23.27	0.2	24.18	23.81	23.47		Pass
30	DFT_QPSK	80@40	23.76	23.00	23.74	0.2	23.96	23.20	23.94		Pass
30	DFT_QPSK	1@1	23.90	23.43	23.15	0.2	24.10	23.63	23.35		Pass
30	DFT_QPSK	1@158	23.39	23.40	23.70	0.2	23.59	23.60	23.90		Pass
30	DFT_QAM16	80@40	22.20	22.23	22.23	0.2	22.40	22.43	22.43		Pass
30	DFT_QAM16	1@1	22.09	22.24	22.16	0.2	22.29	22.44	22.36		Pass
30	DFT_QAM16	1@158	22.11	22.21	22.08	0.2	22.31	22.41	22.28		Pass
30	DFT_QAM64	80@40	21.34	21.18	21.40	0.2	21.54	21.38	21.60		Pass
30	DFT_QAM64	1@1	21.11	21.28	21.09	0.2	21.31	21.48	21.29		Pass
30	DFT_QAM64	1@158	21.27	21.36	21.08	0.2	21.47	21.56	21.28		Pass
30	DFT_QAM256	80@40	19.32	19.42	19.35	0.2	19.52	19.62	19.55		Pass
30	DFT_QAM256	1@1	19.05	19.40	19.40	0.2	19.25	19.60	19.60		Pass
30	DFT_QAM256	1@158	19.14	19.17	19.39	0.2	19.34	19.37	19.59		Pass
30	CP_QPSK	80@40	21.15	21.37	21.22	0.2	21.35	21.57	21.42		Pass
30	CP_QPSK	1@1	21.28	21.40	21.17	0.2	21.48	21.60	21.37		Pass
30	CP_QPSK	1@158	21.04	21.40	21.15	0.2	21.24	21.60	21.35		Pass
30	CP_QAM16	80@40	21.42	21.45	21.43	0.2	21.62	21.65	21.63		Pass
30	CP_QAM16	1@1	21.02	21.25	21.10	0.2	21.22	21.45	21.30		Pass
30	CP_QAM16	1@158	21.35	21.25	21.28	0.2	21.55	21.45	21.48		Pass
30	CP_QAM64	80@40	19.27	19.42	19.11	0.2	19.47	19.62	19.31		Pass
30	CP_QAM64	1@1	19.23	19.04	19.22	0.2	19.43	19.24	19.42		Pass
30	CP_QAM64	1@158	19.10	19.07	19.34	0.2	19.30	19.27	19.54		Pass
30	CP_QAM256	80@40	17.42	17.41	17.32	0.2	17.62	17.61	17.52		Pass
30	CP_QAM256	1@1	17.06	17.05	17.33	0.2	17.26	17.25	17.53		Pass
30	CP_QAM256	1@158	17.23	17.16	17.16	0.2	17.43	17.36	17.36		Pass

NR Band n77(3450-3550) SCS 15KHz											
BW (MHz)	Modulation	RB Allocation	Conducted Power(dBm)			Ant gain (dBi)	EIRP(dBm)			Limit (dBm)	Verdict
			Channel/Frequency(MHz)				Channel/Frequency(MHz)				
			630668	633334	636000		630668	633334	636000		
			3460.0 20	3500.0 10	3540.0 00		3460.0 20	3500.0 10	3540.0 00		
20	DFT_BPSK	50@25	23.61	23.00	23.67	0.2	23.81	23.20	23.87	33.01	Pass
20	DFT_BPSK	1@1	23.79	23.66	23.02	0.2	23.99	23.86	23.22		Pass
20	DFT_BPSK	1@104	23.27	23.82	23.98	0.2	23.47	24.02	24.18		Pass
20	DFT_QPSK	50@25	23.93	23.14	23.66	0.2	24.13	23.34	23.86		Pass
20	DFT_QPSK	1@1	23.89	23.55	23.35	0.2	24.09	23.75	23.55		Pass
20	DFT_QPSK	1@104	23.30	23.30	23.55	0.2	23.50	23.50	23.75		Pass
20	DFT_QAM16	50@25	22.23	22.15	22.14	0.2	22.43	22.35	22.34		Pass
20	DFT_QAM16	1@1	22.28	22.04	22.21	0.2	22.48	22.24	22.41		Pass
20	DFT_QAM16	1@104	22.26	22.25	22.23	0.2	22.46	22.45	22.43		Pass
20	DFT_QAM64	50@25	21.41	21.06	21.04	0.2	21.61	21.26	21.24		Pass
20	DFT_QAM64	1@1	21.27	21.20	21.41	0.2	21.47	21.40	21.61		Pass
20	DFT_QAM64	1@104	21.30	21.20	21.44	0.2	21.50	21.40	21.64		Pass
20	DFT_QAM256	50@25	19.18	19.42	19.45	0.2	19.38	19.62	19.65		Pass
20	DFT_QAM256	1@1	19.34	19.11	19.24	0.2	19.54	19.31	19.44		Pass
20	DFT_QAM256	1@104	19.21	19.41	19.18	0.2	19.41	19.61	19.38		Pass
20	CP_QPSK	53@26	21.23	21.01	21.34	0.2	21.43	21.21	21.54		Pass
20	CP_QPSK	1@1	21.16	21.10	21.31	0.2	21.36	21.30	21.51		Pass
20	CP_QPSK	1@104	21.40	21.19	21.38	0.2	21.60	21.39	21.58		Pass
20	CP_QAM16	53@26	21.29	21.45	21.08	0.2	21.49	21.65	21.28		Pass
20	CP_QAM16	1@1	21.15	21.43	21.08	0.2	21.35	21.63	21.28		Pass
20	CP_QAM16	1@104	21.30	21.32	21.16	0.2	21.50	21.52	21.36		Pass
20	CP_QAM64	53@26	19.06	19.07	19.36	0.2	19.26	19.27	19.56		Pass
20	CP_QAM64	1@1	19.21	19.16	19.45	0.2	19.41	19.36	19.65		Pass
20	CP_QAM64	1@104	19.29	19.11	19.09	0.2	19.49	19.31	19.29		Pass
20	CP_QAM256	53@26	17.30	17.12	17.27	0.2	17.50	17.32	17.47		Pass
20	CP_QAM256	1@1	17.26	17.32	17.02	0.2	17.46	17.52	17.22		Pass
20	CP_QAM256	1@104	17.16	17.28	17.18	0.2	17.36	17.48	17.38		Pass

NR Band n77(3450-3550) SCS 15KHz											
BW (MHz)	Modulation	RB Allocation	Conducted Power(dBm)			Ant gain (dBi)	EIRP(dBm)			Limit (dBm)	Verdict
			Channel/Frequency(MHz)				Channel/Frequency(MHz)				
			630500	633334	636166		630500	633334	636166		
			3457.5 00	3500.0 10	3542.4 90		3457.5 00	3500.0 10	3542.4 90		
15	DFT_BPSK	36@18	23.43	23.84	23.07	0.2	23.63	24.04	23.27	33.01	Pass
15	DFT_BPSK	1@1	23.73	23.43	23.60	0.2	23.93	23.63	23.80		Pass
15	DFT_BPSK	1@77	23.75	23.76	23.15	0.2	23.95	23.96	23.35		Pass
15	DFT_QPSK	36@18	23.15	23.45	23.42	0.2	23.35	23.65	23.62		Pass
15	DFT_QPSK	1@1	23.22	23.00	23.36	0.2	23.42	23.20	23.56		Pass
15	DFT_QPSK	1@77	23.74	23.89	23.81	0.2	23.94	24.09	24.01		Pass
15	DFT_QAM16	36@18	22.27	22.20	22.22	0.2	22.47	22.40	22.42		Pass
15	DFT_QAM16	1@1	22.38	22.28	22.08	0.2	22.58	22.48	22.28		Pass
15	DFT_QAM16	1@77	22.12	22.41	22.38	0.2	22.32	22.61	22.58		Pass
15	DFT_QAM64	36@18	21.09	21.14	21.43	0.2	21.29	21.34	21.63		Pass
15	DFT_QAM64	1@1	21.25	21.37	21.08	0.2	21.45	21.57	21.28		Pass
15	DFT_QAM64	1@77	21.22	21.04	21.27	0.2	21.42	21.24	21.47		Pass
15	DFT_QAM256	36@18	19.25	19.24	19.40	0.2	19.45	19.44	19.60		Pass
15	DFT_QAM256	1@1	19.09	19.42	19.36	0.2	19.29	19.62	19.56		Pass
15	DFT_QAM256	1@77	19.44	19.29	19.32	0.2	19.64	19.49	19.52		Pass
15	CP_QPSK	39@19	21.18	21.04	21.42	0.2	21.38	21.24	21.62		Pass
15	CP_QPSK	1@1	21.18	21.45	21.18	0.2	21.38	21.65	21.38		Pass
15	CP_QPSK	1@77	21.41	21.12	21.27	0.2	21.61	21.32	21.47		Pass
15	CP_QAM16	39@19	21.13	21.11	21.15	0.2	21.33	21.31	21.35		Pass
15	CP_QAM16	1@1	21.33	21.42	21.35	0.2	21.53	21.62	21.55		Pass
15	CP_QAM16	1@77	21.17	21.12	21.45	0.2	21.37	21.32	21.65		Pass
15	CP_QAM64	39@19	19.03	19.45	19.44	0.2	19.23	19.65	19.64		Pass
15	CP_QAM64	1@1	19.38	19.37	19.33	0.2	19.58	19.57	19.53		Pass
15	CP_QAM64	1@77	19.16	19.26	19.02	0.2	19.36	19.46	19.22		Pass
15	CP_QAM256	39@19	17.13	17.45	17.43	0.2	17.33	17.65	17.63		Pass
15	CP_QAM256	1@1	17.11	17.10	17.05	0.2	17.31	17.30	17.25		Pass
15	CP_QAM256	1@77	17.34	17.34	17.17	0.2	17.54	17.54	17.37		Pass

NR Band n77(3450-3550) SCS 15KHz											
BW (MHz)	Modulation	RB Allocation	Conducted Power(dBm)			Ant gain (dBi)	EIRP(dBm)			Limit (dBm)	Verdict
			Channel/Frequency(MHz)				Channel/Frequency(MHz)				
			630334	633334	636332		630334	633334	636332		
			3455.0 10	3500.0 10	3544.9 80		3455.0 10	3500.0 10	3544.9 80		
10	DFT_BPSK	25@12	23.88	23.96	23.94	0.2	24.08	24.16	24.14	33.01	Pass
10	DFT_BPSK	1@1	23.46	23.32	23.24	0.2	23.66	23.52	23.44		Pass
10	DFT_BPSK	1@50	23.39	23.36	23.35	0.2	23.59	23.56	23.55		Pass
10	DFT_QPSK	25@12	23.26	23.06	23.64	0.2	23.46	23.26	23.84		Pass
10	DFT_QPSK	1@1	23.10	23.26	23.91	0.2	23.30	23.46	24.11		Pass
10	DFT_QPSK	1@50	23.47	23.77	23.09	0.2	23.67	23.97	23.29		Pass
10	DFT_QAM16	25@12	22.19	22.36	22.28	0.2	22.39	22.56	22.48		Pass
10	DFT_QAM16	1@1	22.12	22.12	22.23	0.2	22.32	22.32	22.43		Pass
10	DFT_QAM16	1@50	22.05	22.30	22.28	0.2	22.25	22.50	22.48		Pass
10	DFT_QAM64	25@12	21.39	21.40	21.09	0.2	21.59	21.60	21.29		Pass
10	DFT_QAM64	1@1	21.32	21.16	21.23	0.2	21.52	21.36	21.43		Pass
10	DFT_QAM64	1@50	21.43	21.24	21.42	0.2	21.63	21.44	21.62		Pass
10	DFT_QAM256	25@12	19.09	19.12	19.22	0.2	19.29	19.32	19.42		Pass
10	DFT_QAM256	1@1	19.33	19.41	19.37	0.2	19.53	19.61	19.57		Pass
10	DFT_QAM256	1@50	19.24	19.34	19.04	0.2	19.44	19.54	19.24		Pass
10	CP_QPSK	26@13	21.34	21.08	21.20	0.2	21.54	21.28	21.40		Pass
10	CP_QPSK	1@1	21.25	21.18	21.11	0.2	21.45	21.38	21.31		Pass
10	CP_QPSK	1@50	21.10	21.18	21.06	0.2	21.30	21.38	21.26		Pass
10	CP_QAM16	26@13	21.38	21.22	21.40	0.2	21.58	21.42	21.60		Pass
10	CP_QAM16	1@1	21.27	21.45	21.17	0.2	21.47	21.65	21.37		Pass
10	CP_QAM16	1@50	21.05	21.06	21.40	0.2	21.25	21.26	21.60		Pass
10	CP_QAM64	26@13	19.41	19.25	19.36	0.2	19.61	19.45	19.56		Pass
10	CP_QAM64	1@1	19.32	19.38	19.25	0.2	19.52	19.58	19.45		Pass
10	CP_QAM64	1@50	19.03	19.13	19.43	0.2	19.23	19.33	19.63		Pass
10	CP_QAM256	26@13	17.27	17.37	17.19	0.2	17.47	17.57	17.39		Pass
10	CP_QAM256	1@1	17.04	17.32	17.43	0.2	17.24	17.52	17.63		Pass
10	CP_QAM256	1@50	17.44	17.35	17.25	0.2	17.64	17.55	17.45		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(3450-3550)	15	50	633334	135@67	DFT_BPSK	3.85	-11.17	0.00	Within authorized band for 5G NR n77	PASS
n77(3450-3550)	15	50	633334	135@67	DFT_BPSK	3.50	-13.69	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_BPSK	4.40	-8.93	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_QPSK	3.85	-5.34	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_QPSK	3.50	-7.30	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_QPSK	4.40	-1.74	0.00		PASS

Note: Only the worst case shown in the report.

NV:

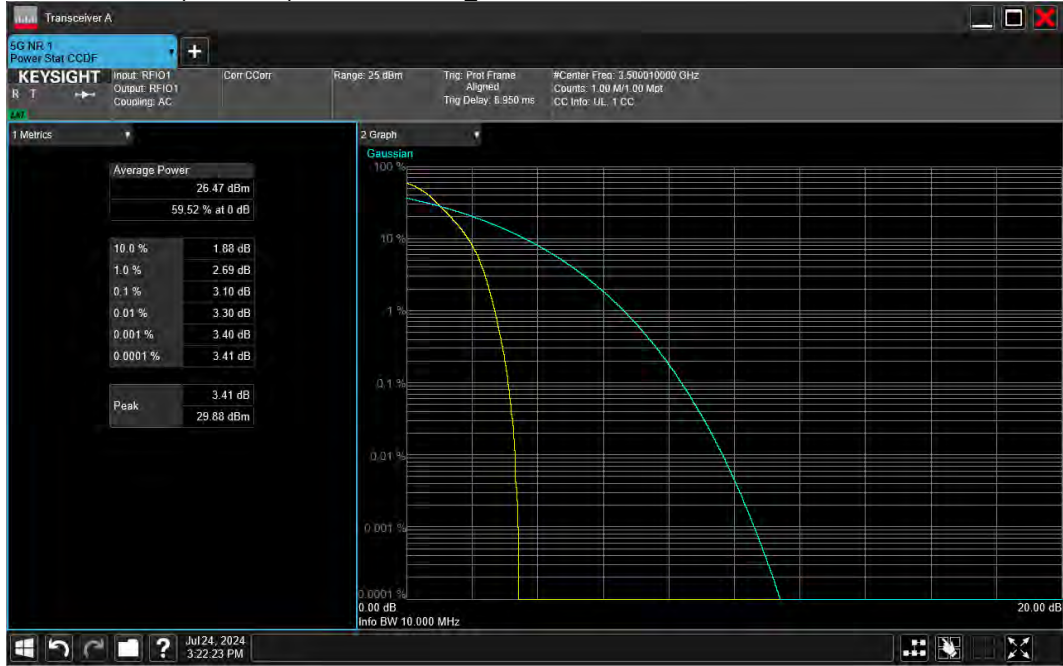
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Voltage (Vdc)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n77(3450-3550)	15	50	633334	135@67	DFT_BPSK	-30	-16.95	0.00	Within authorized band for 5G NR n77	PASS
n77(3450-3550)	15	50	633334	135@67	DFT_BPSK	-20	-14.08	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_BPSK	-10	-14.93	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_BPSK	0	-13.3	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_BPSK	10	-12.55	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_BPSK	20	-13.09	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_BPSK	30	-18.97	-0.01		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_BPSK	40	-15.94	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_BPSK	50	-12.78	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_QPSK	-30	-13.12	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_QPSK	-20	-19.35	-0.01		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_QPSK	-10	-16	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_QPSK	0	-13.11	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_QPSK	10	-14.57	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_QPSK	20	-16.43	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_QPSK	30	-15.82	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_QPSK	40	-13.77	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_QPSK	50	-17.61	-0.01		PASS

Note: Only the worst case shown in the report.

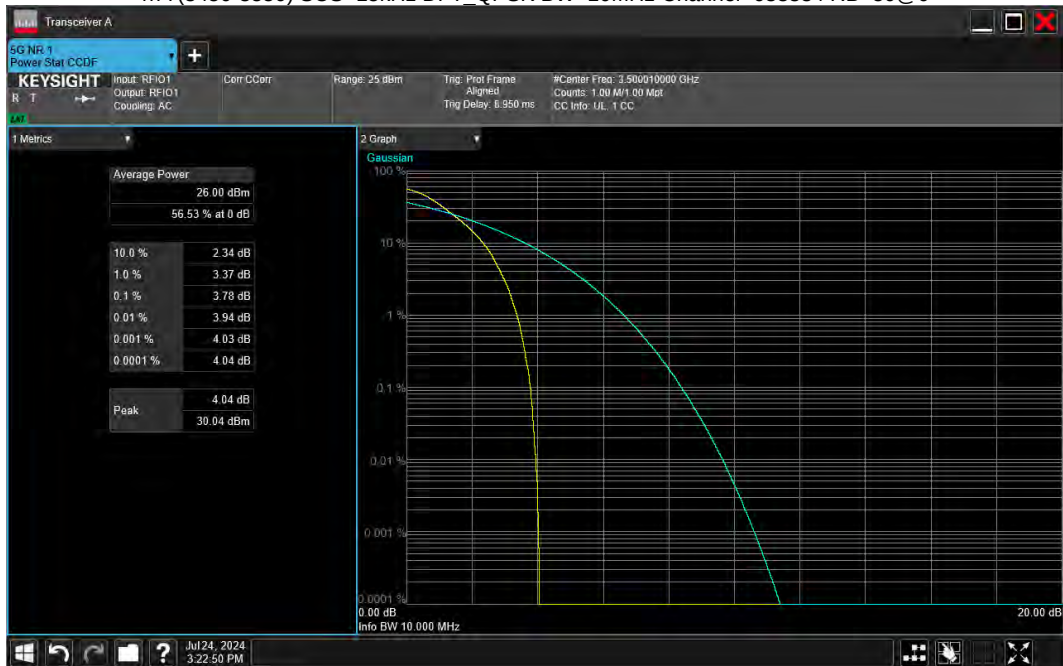
3 Peak-to-Average Ratio for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n77(3450-3550)	15	10	633334	50@0	DFT_BPSK	3.10	13	PASS
n77(3450-3550)	15	10	633334	50@0	DFT_QPSK	3.78	13	PASS
n77(3450-3550)	15	10	633334	50@0	DFT_QAM16	4.68	13	PASS
n77(3450-3550)	15	10	633334	50@0	DFT_QAM64	4.98	13	PASS
n77(3450-3550)	15	10	633334	50@0	DFT_QAM256	6.11	13	PASS
n77(3450-3550)	15	15	633334	75@0	DFT_BPSK	3.35	13	PASS
n77(3450-3550)	15	15	633334	75@0	DFT_QPSK	3.92	13	PASS
n77(3450-3550)	15	15	633334	75@0	DFT_QAM16	4.66	13	PASS
n77(3450-3550)	15	15	633334	75@0	DFT_QAM64	5.09	13	PASS
n77(3450-3550)	15	15	633334	75@0	DFT_QAM256	6.14	13	PASS
n77(3450-3550)	15	20	633334	100@0	DFT_BPSK	4.16	13	PASS
n77(3450-3550)	15	20	633334	100@0	DFT_QPSK	4.29	13	PASS
n77(3450-3550)	15	20	633334	100@0	DFT_QAM16	5.15	13	PASS
n77(3450-3550)	15	20	633334	100@0	DFT_QAM64	5.33	13	PASS
n77(3450-3550)	15	20	633334	100@0	DFT_QAM256	6.25	13	PASS
n77(3450-3550)	15	30	633334	160@0	DFT_BPSK	3.42	13	PASS
n77(3450-3550)	15	30	633334	160@0	DFT_QPSK	4.03	13	PASS
n77(3450-3550)	15	30	633334	160@0	DFT_QAM16	4.78	13	PASS
n77(3450-3550)	15	30	633334	160@0	DFT_QAM64	5.14	13	PASS
n77(3450-3550)	15	30	633334	160@0	DFT_QAM256	6.14	13	PASS
n77(3450-3550)	15	40	633334	216@0	DFT_BPSK	3.87	13	PASS
n77(3450-3550)	15	40	633334	216@0	DFT_QPSK	4.42	13	PASS
n77(3450-3550)	15	40	633334	216@0	DFT_QAM16	5.15	13	PASS
n77(3450-3550)	15	40	633334	216@0	DFT_QAM64	5.45	13	PASS
n77(3450-3550)	15	40	633334	216@0	DFT_QAM256	6.32	13	PASS
n77(3450-3550)	15	50	633334	270@0	DFT_BPSK	4.03	13	PASS
n77(3450-3550)	15	50	633334	270@0	DFT_QPSK	4.66	13	PASS
n77(3450-3550)	15	50	633334	270@0	DFT_QAM16	5.40	13	PASS
n77(3450-3550)	15	50	633334	270@0	DFT_QAM64	5.74	13	PASS
n77(3450-3550)	15	50	633334	270@0	DFT_QAM256	6.32	13	PASS

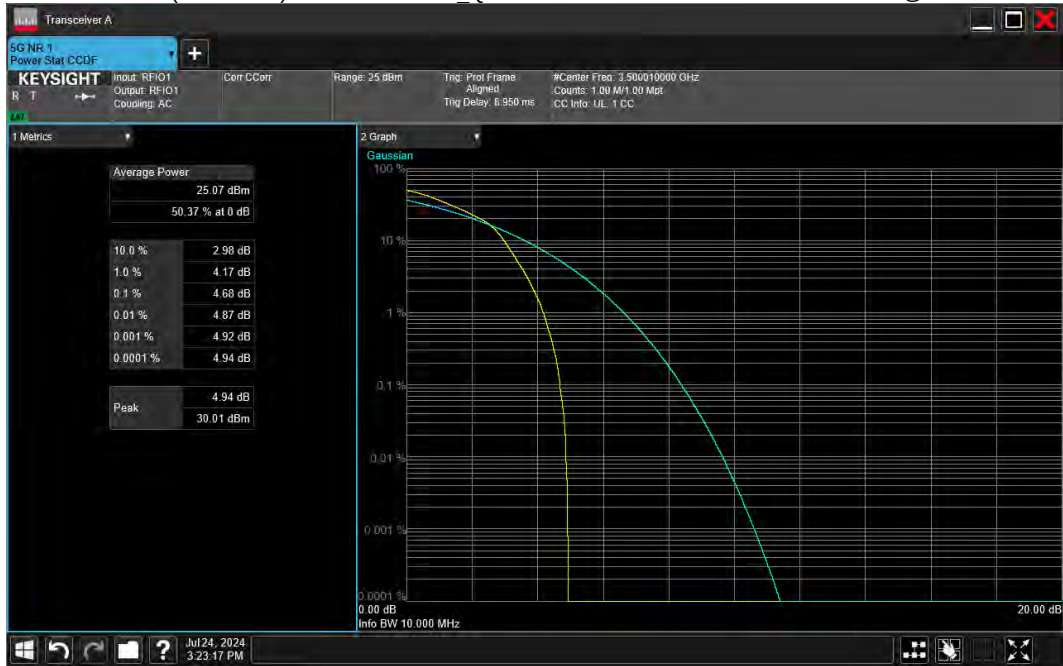
n77(3450-3550) SCS=15kHz DFT_BPSK BW=10MHz Channel=633334 RB=50@0



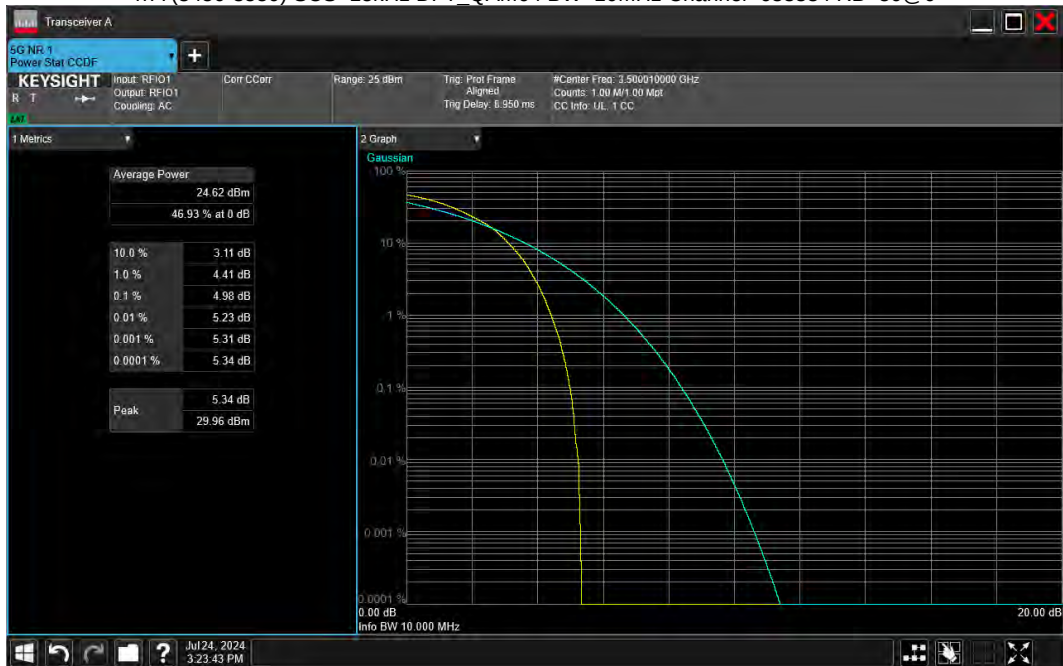
n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=633334 RB=50@0



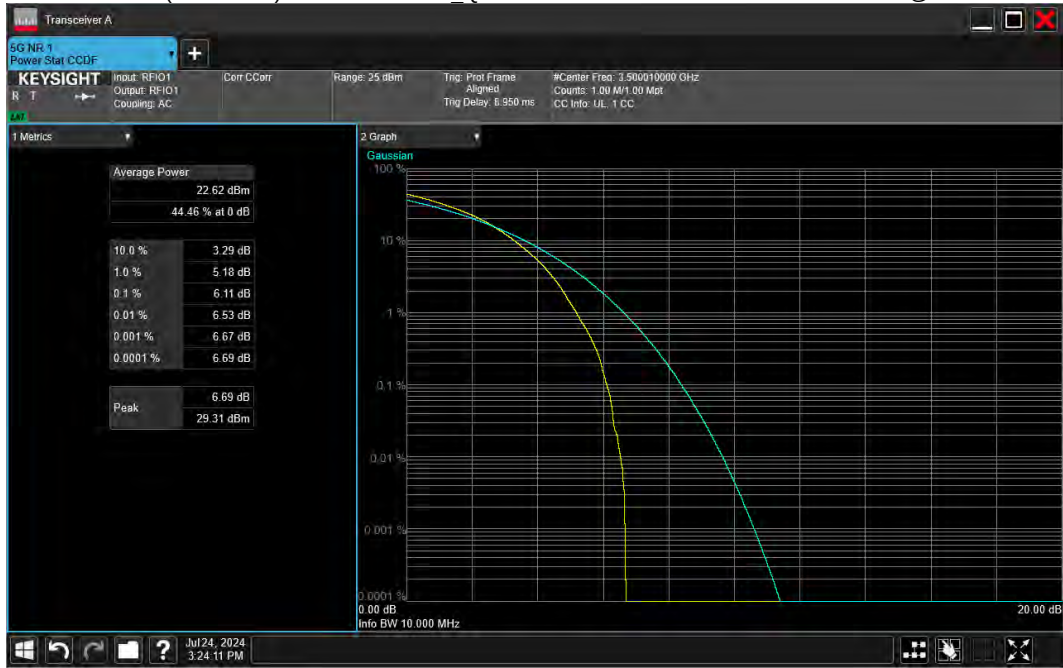
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=10MHz Channel=633334 RB=50@0



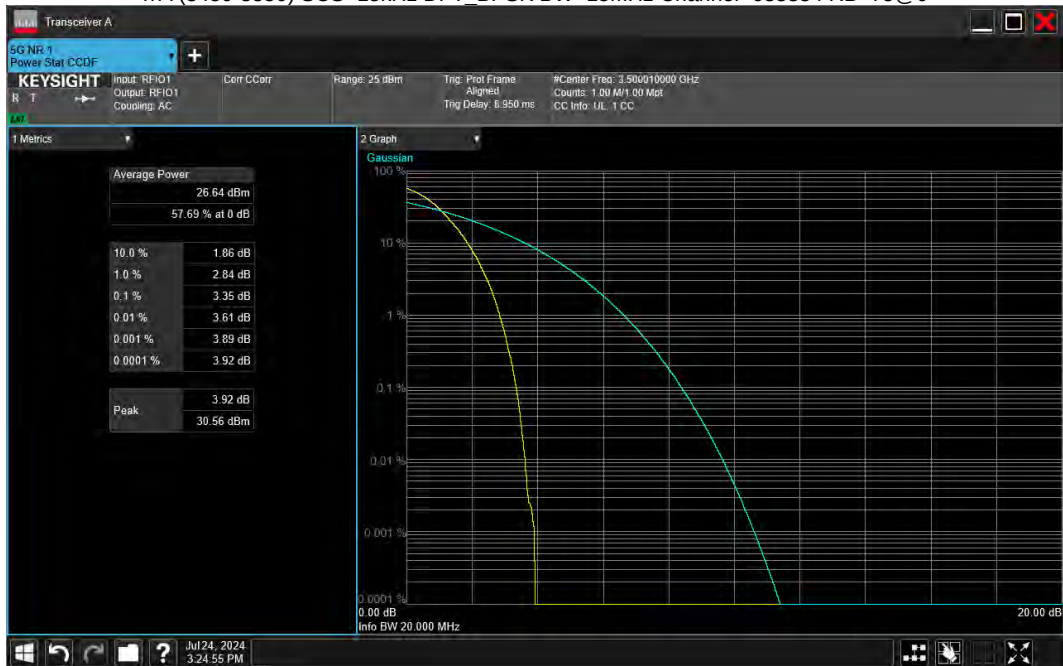
n77(3450-3550) SCS=15kHz DFT_QAM64 BW=10MHz Channel=633334 RB=50@0



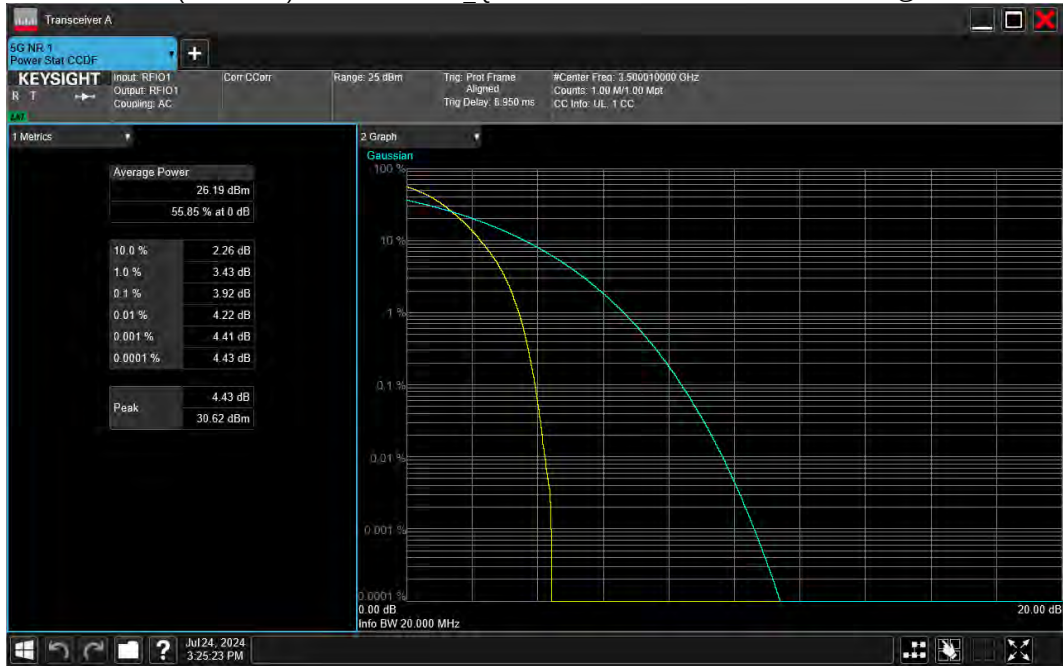
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=10MHz Channel=633334 RB=50@0



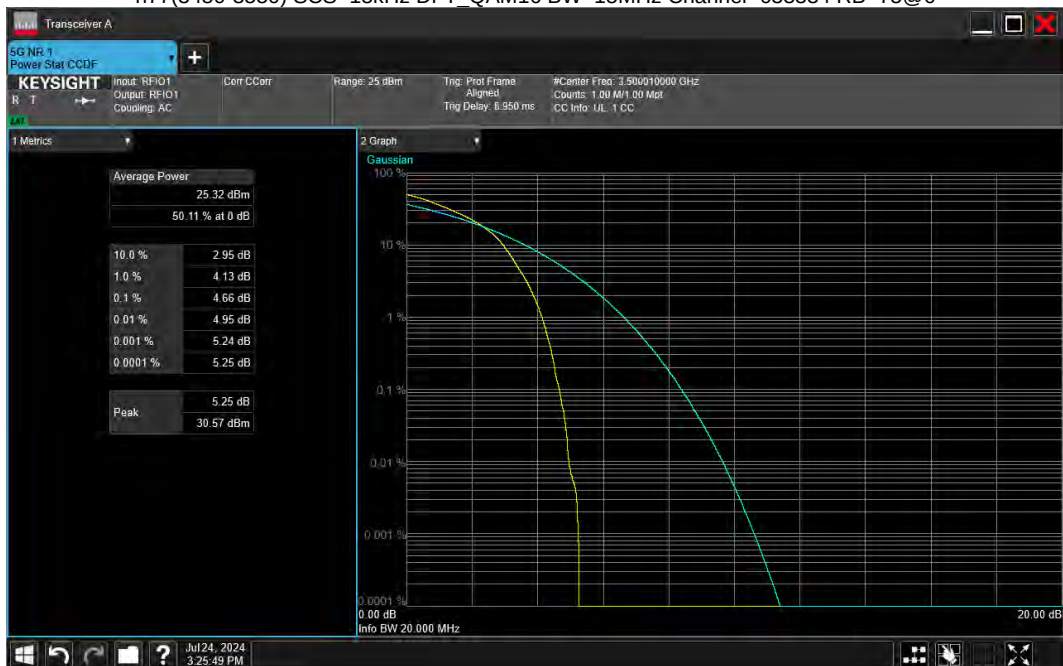
n77(3450-3550) SCS=15kHz DFT_BPSK BW=15MHz Channel=633334 RB=75@0



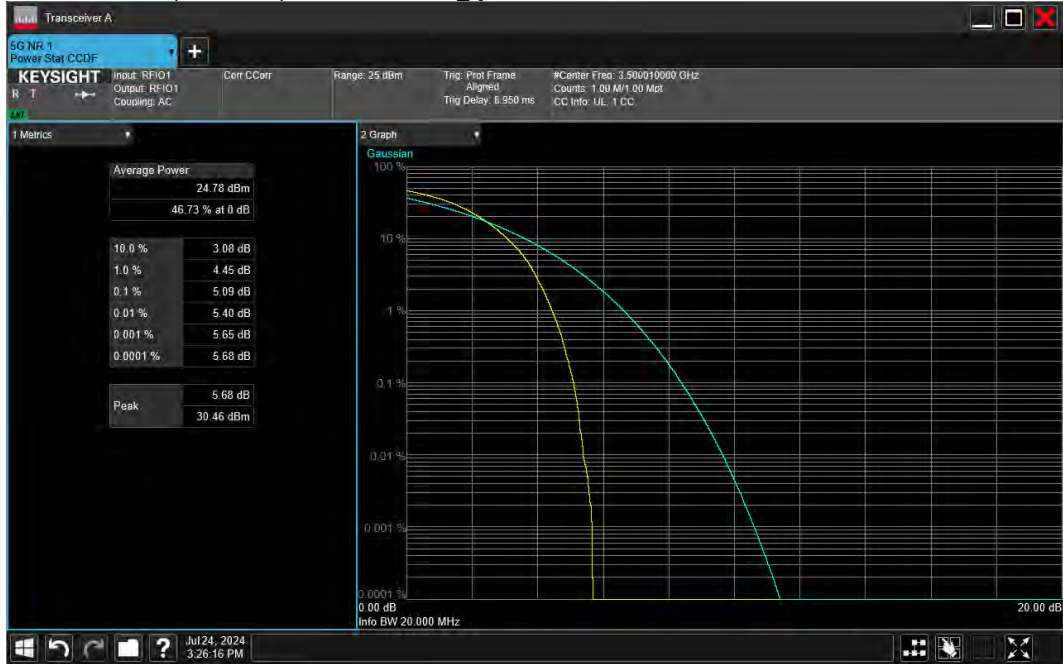
n77(3450-3550) SCS=15kHz DFT_QPSK BW=15MHz Channel=633334 RB=75@0



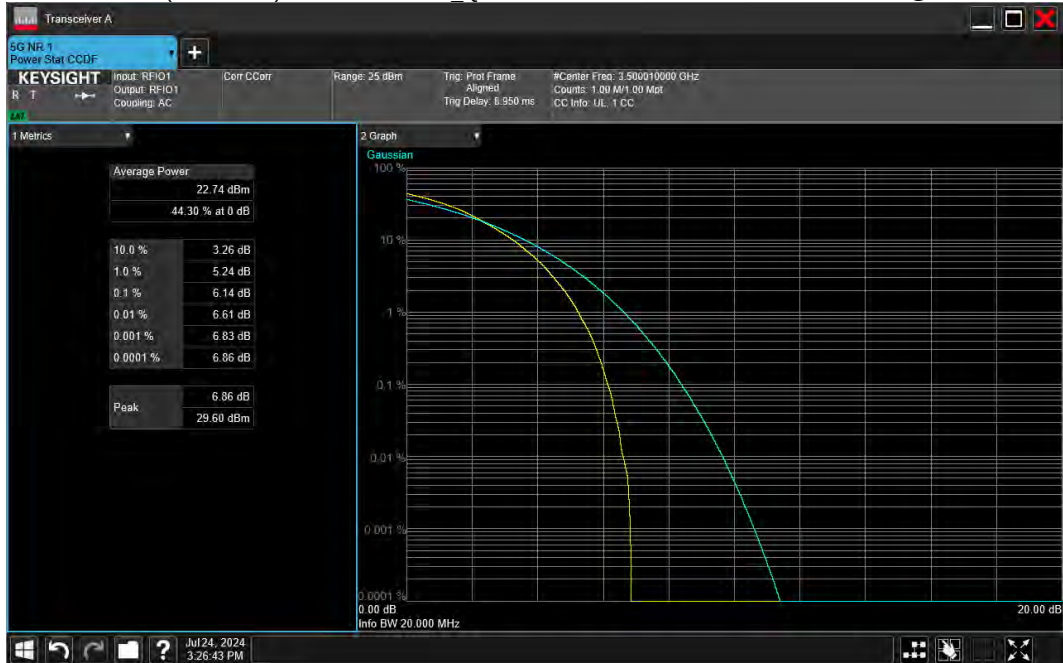
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=15MHz Channel=633334 RB=75@0



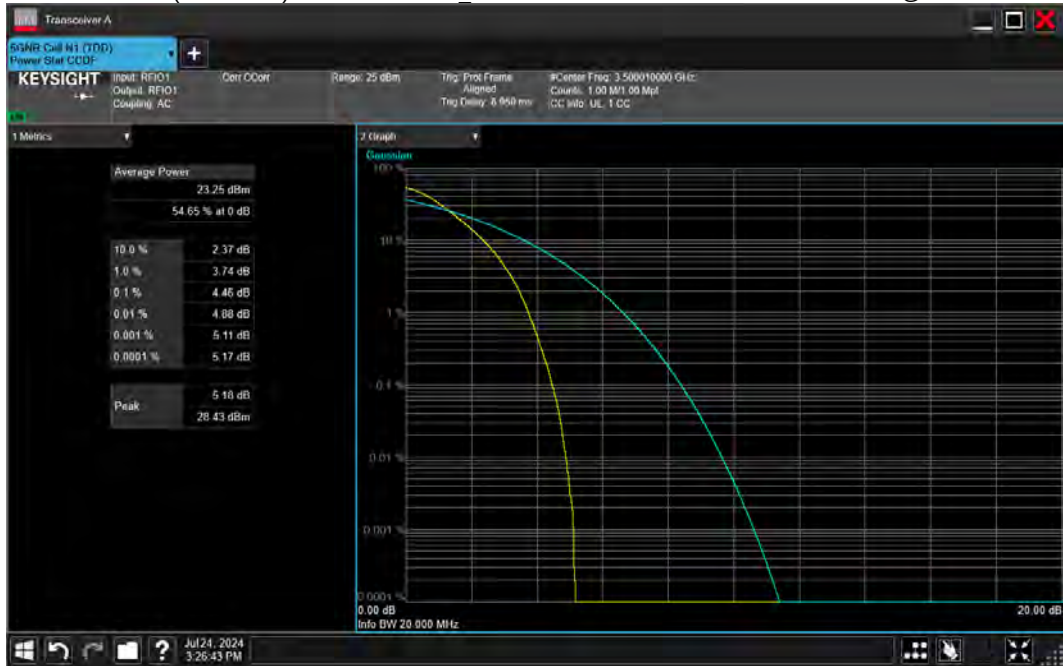
n77(3450-3550) SCS=15kHz DFT_QAM64 BW=15MHz Channel=633334 RB=75@0



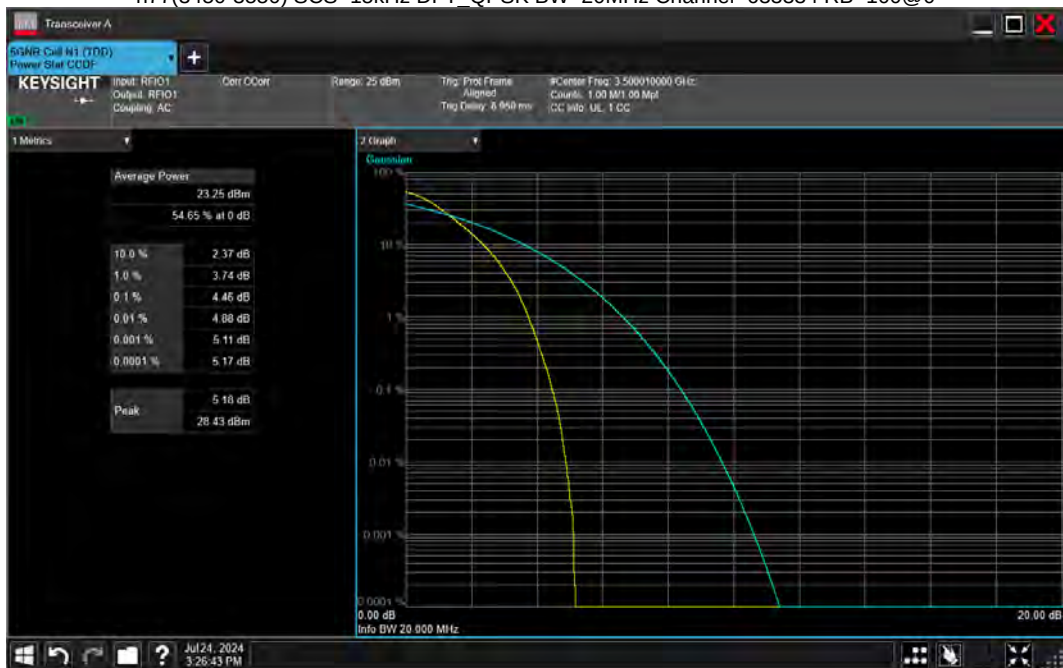
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=15MHz Channel=633334 RB=75@0



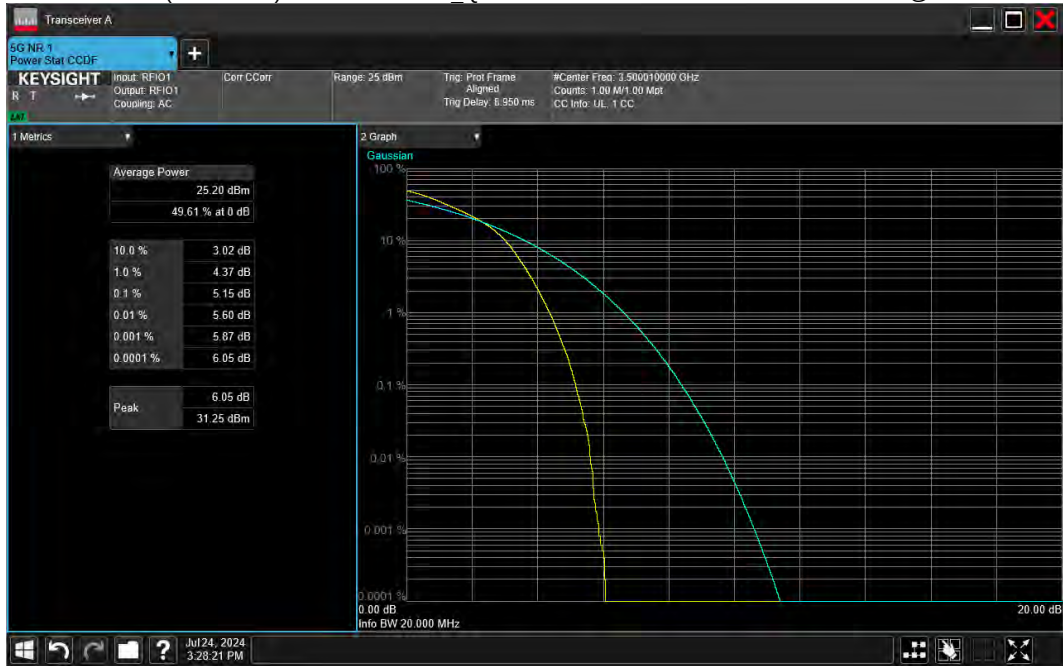
n77(3450-3550) SCS=15kHz DFT_BPSK BW=20MHz Channel=633334 RB=100@0



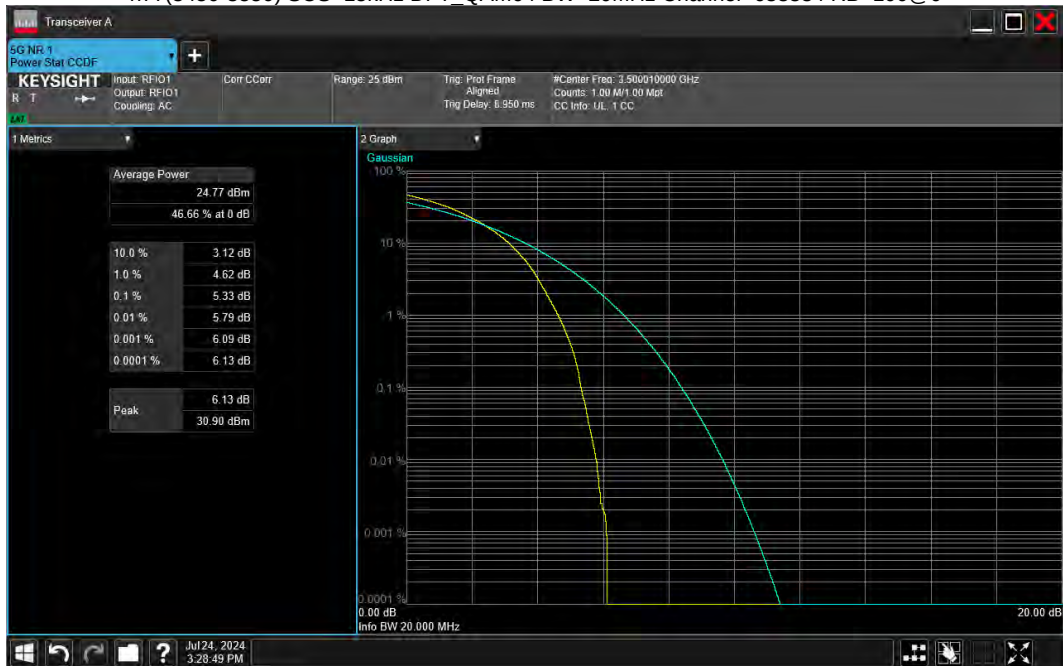
n77(3450-3550) SCS=15kHz DFT_QPSK BW=20MHz Channel=633334 RB=100@0



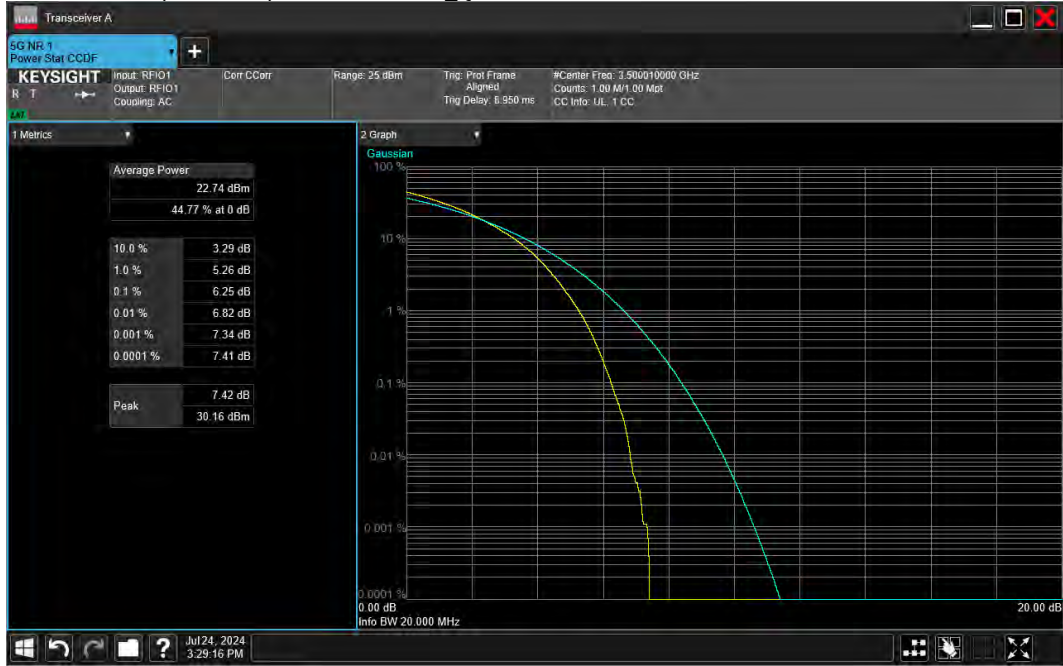
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=20MHz Channel=633334 RB=100@0



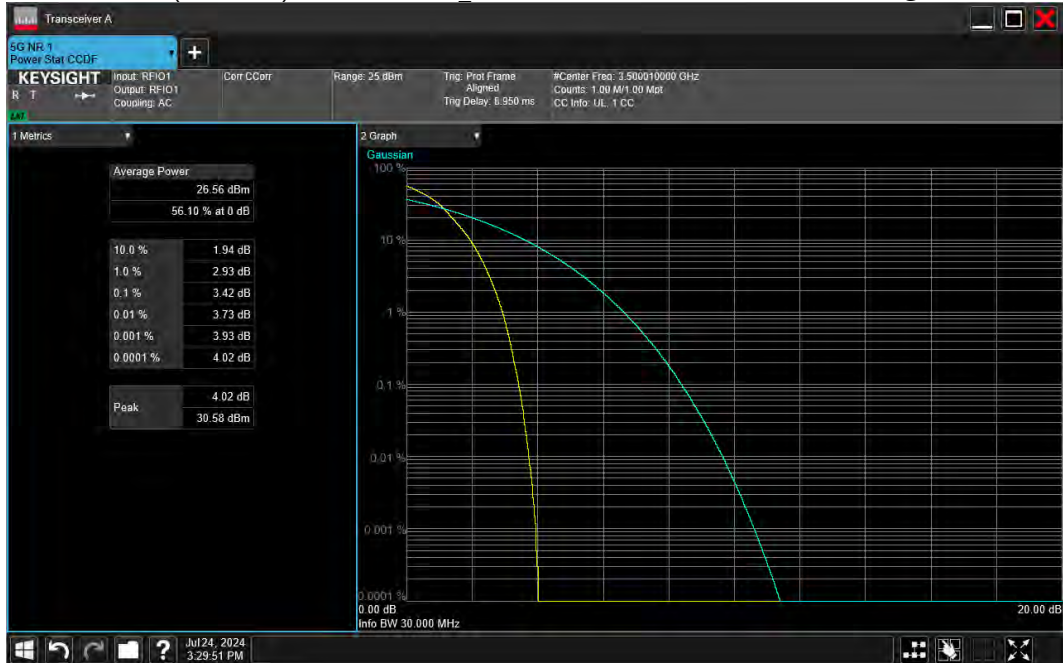
n77(3450-3550) SCS=15kHz DFT_QAM64 BW=20MHz Channel=633334 RB=100@0



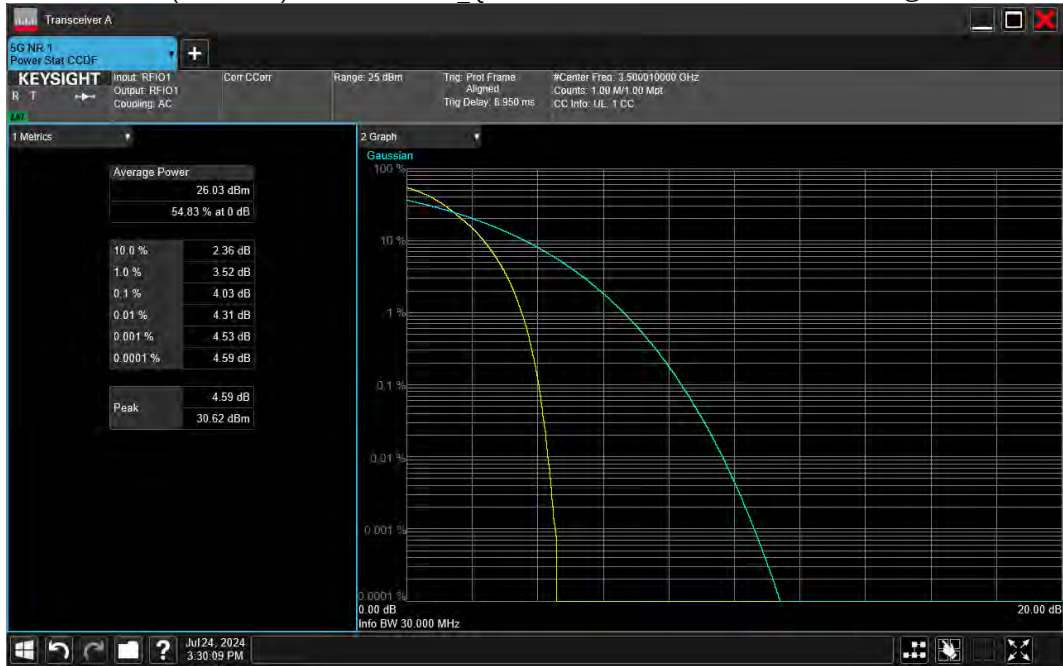
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=20MHz Channel=633334 RB=100@0



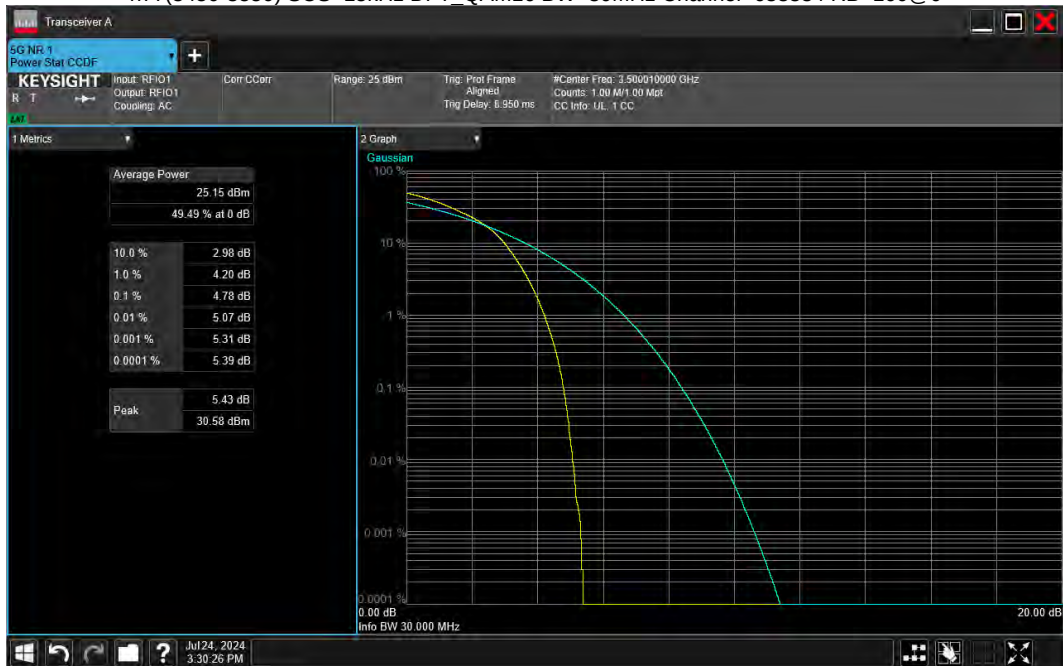
n77(3450-3550) SCS=15kHz DFT_BPSK BW=30MHz Channel=633334 RB=160@0



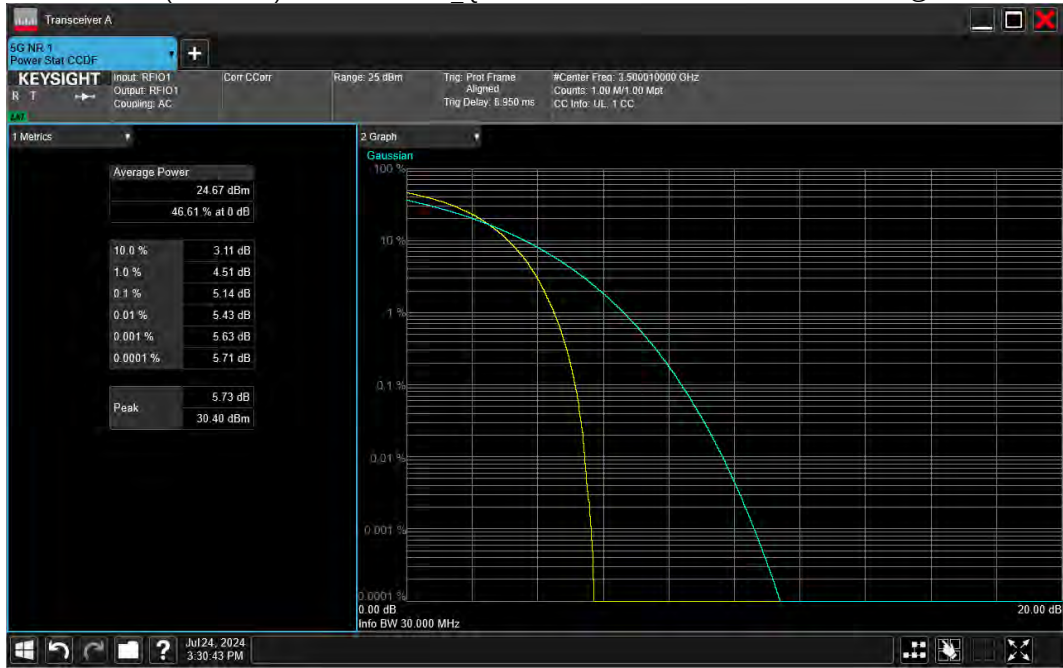
n77(3450-3550) SCS=15kHz DFT_QPSK BW=30MHz Channel=633334 RB=160@0



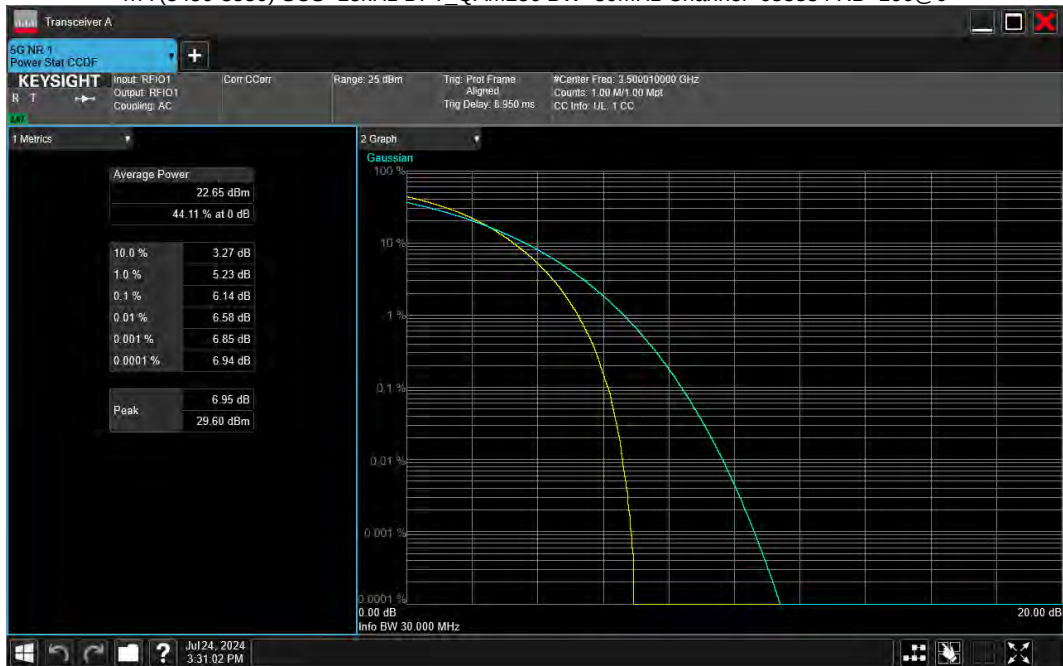
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=30MHz Channel=633334 RB=160@0



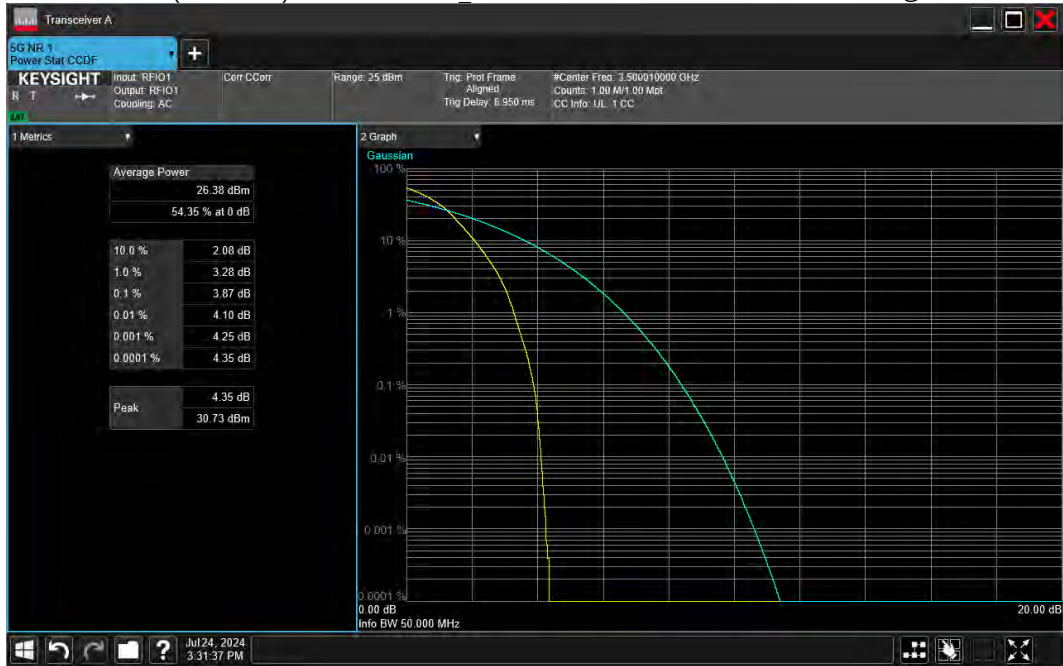
n77(3450-3550) SCS=15kHz DFT_QAM64 BW=30MHz Channel=633334 RB=160@0



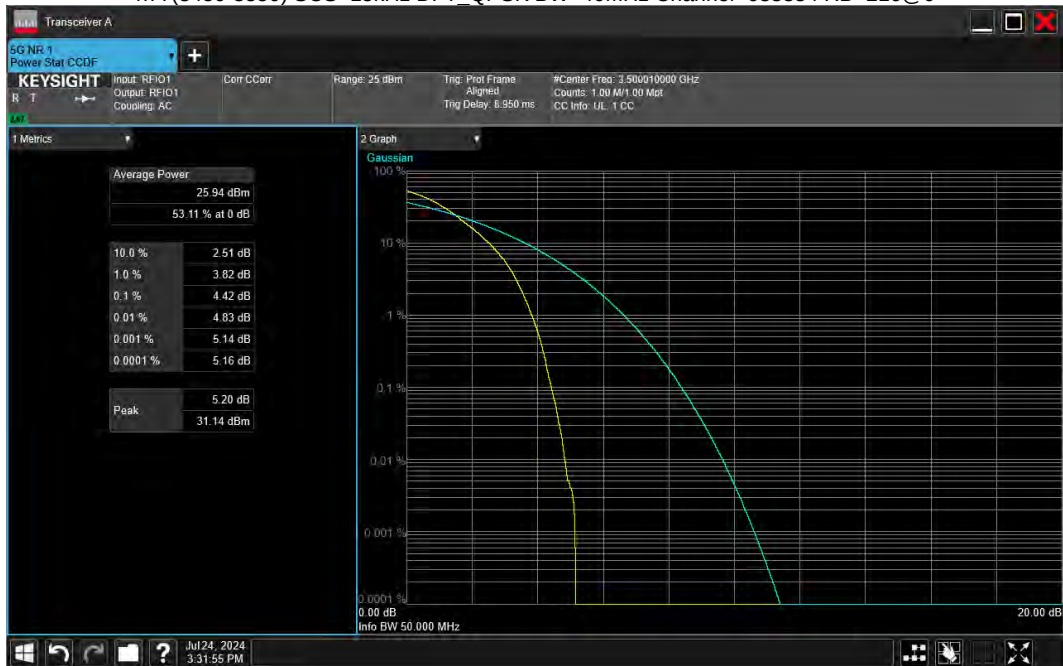
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=30MHz Channel=633334 RB=160@0



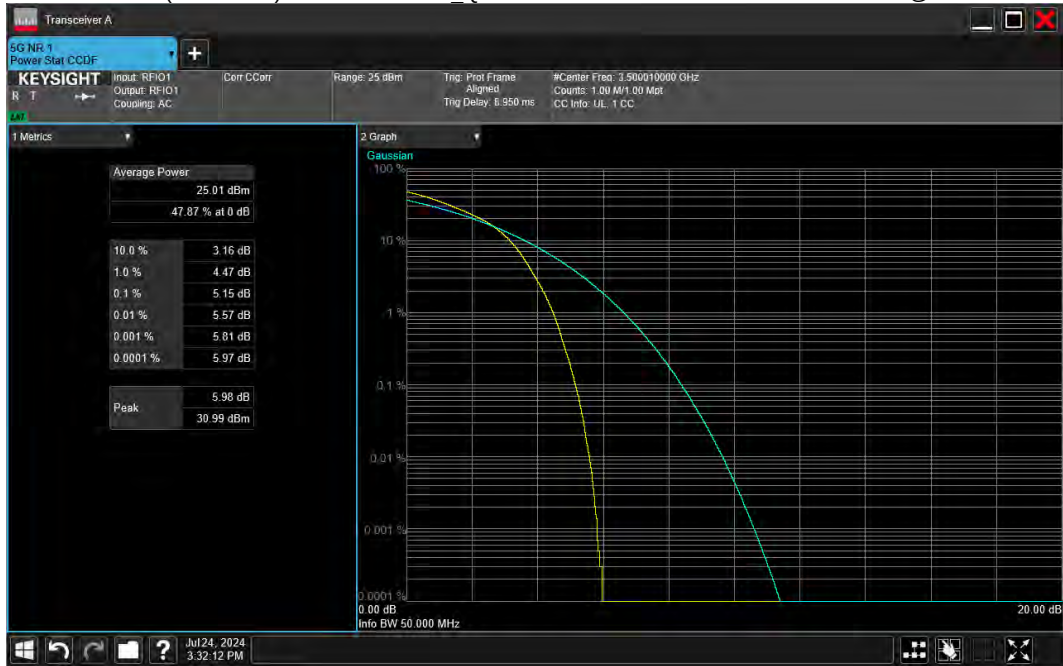
n77(3450-3550) SCS=15kHz DFT_BPSK BW=40MHz Channel=633334 RB=216@0



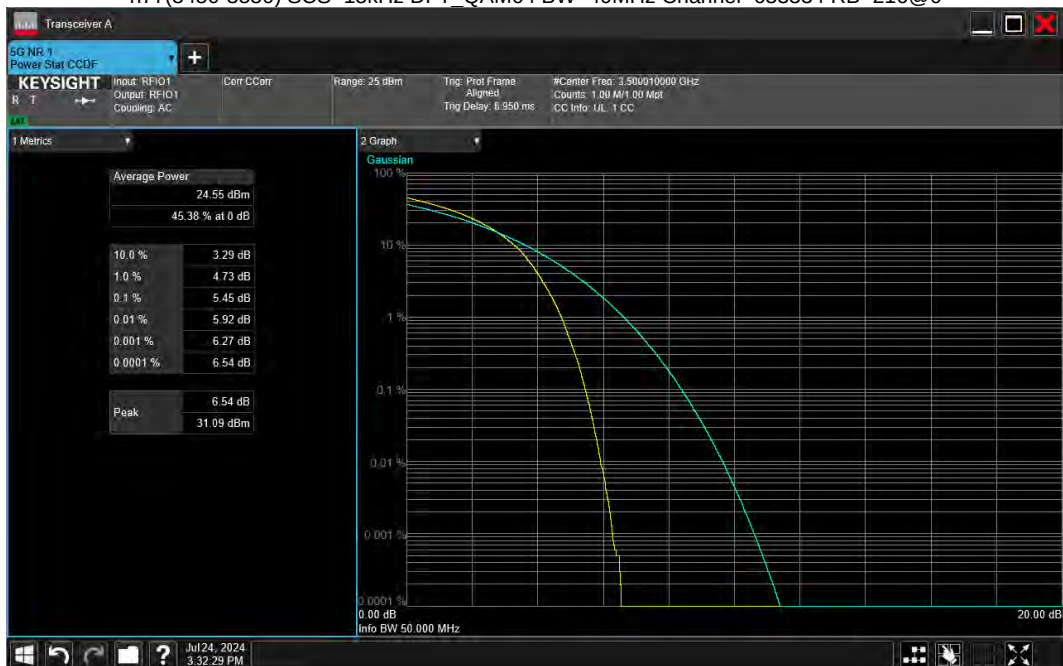
n77(3450-3550) SCS=15kHz DFT_QPSK BW=40MHz Channel=633334 RB=216@0



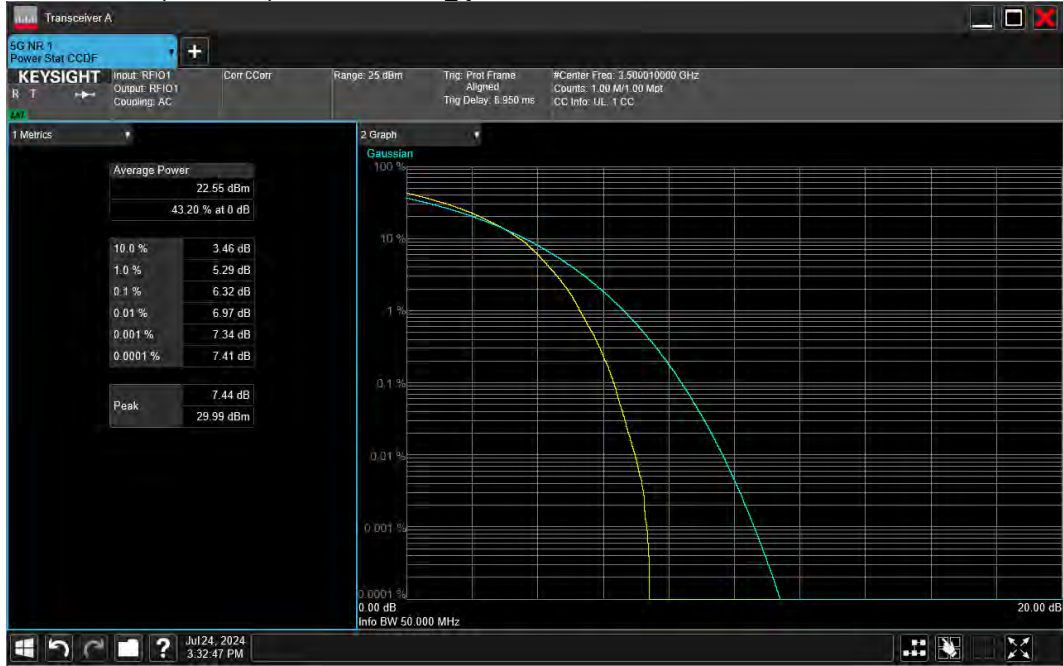
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=40MHz Channel=633334 RB=216@0



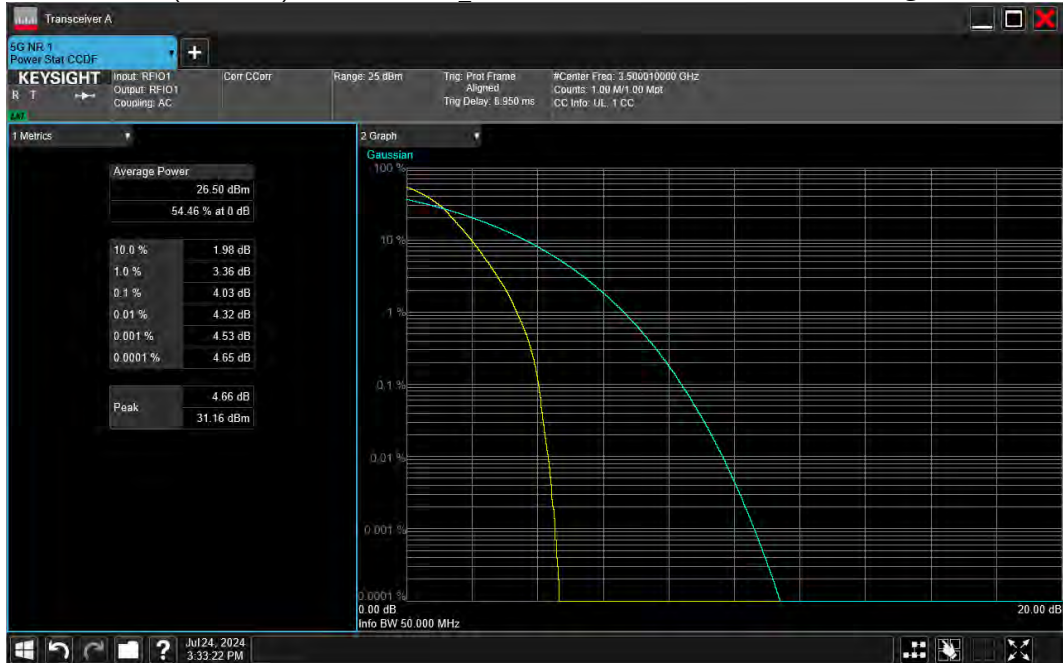
n77(3450-3550) SCS=15kHz DFT_QAM64 BW=40MHz Channel=633334 RB=216@0



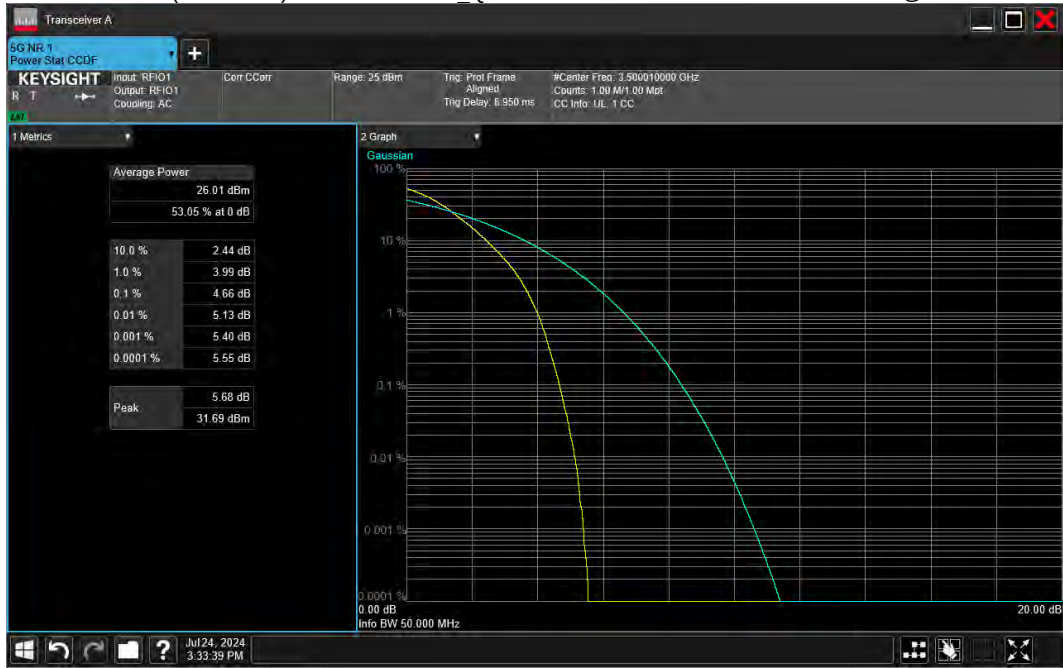
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=40MHz Channel=633334 RB=216@0



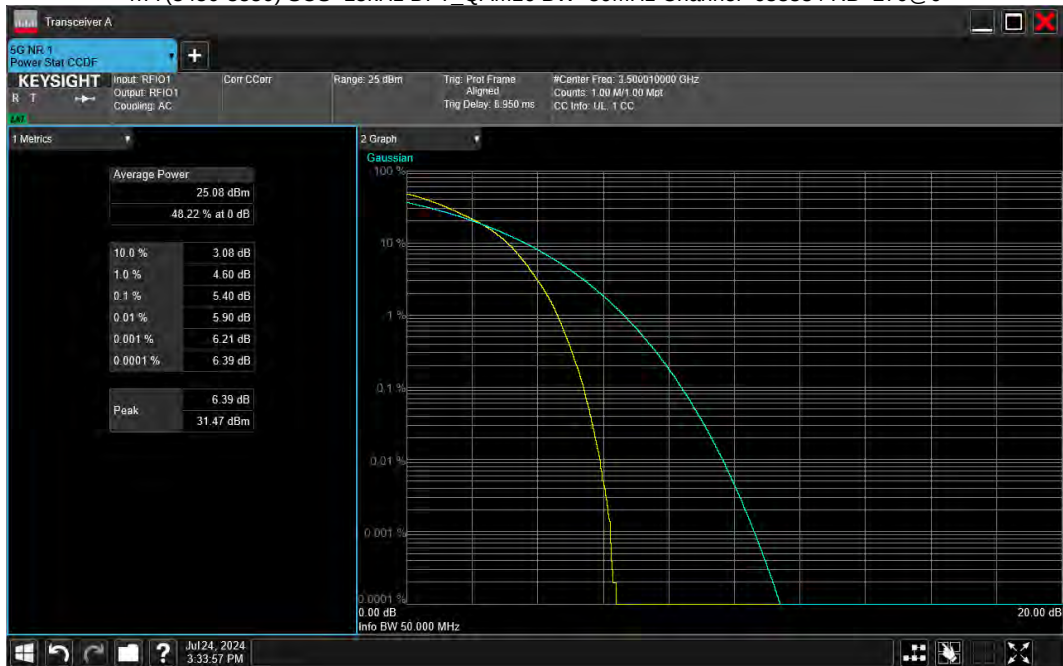
n77(3450-3550) SCS=15kHz DFT_BPSK BW=50MHz Channel=633334 RB=270@0



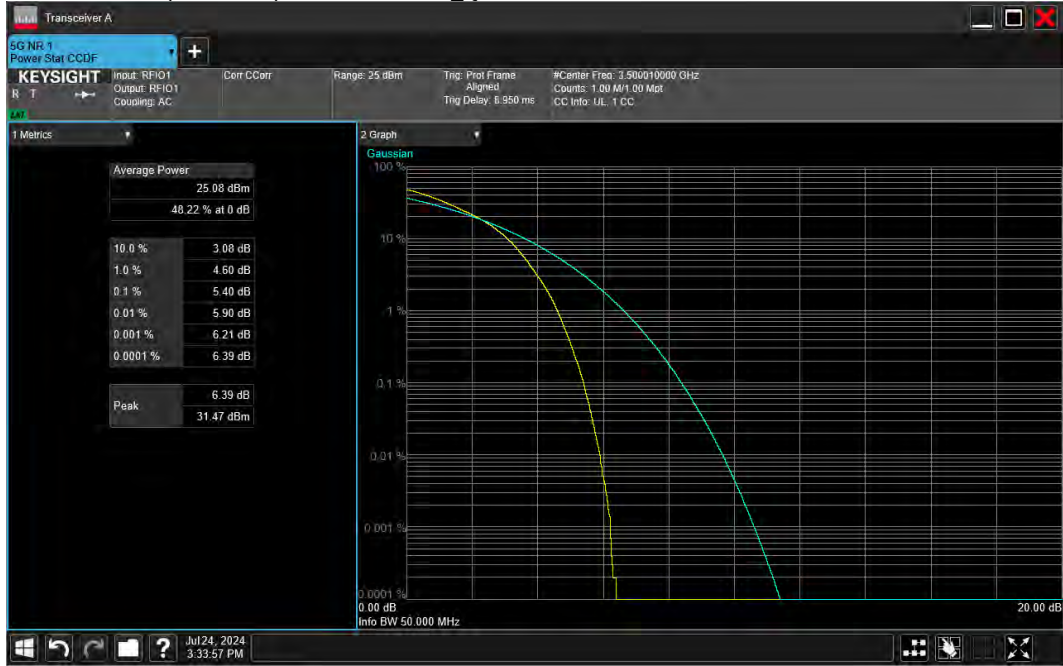
n77(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=633334 RB=270@0



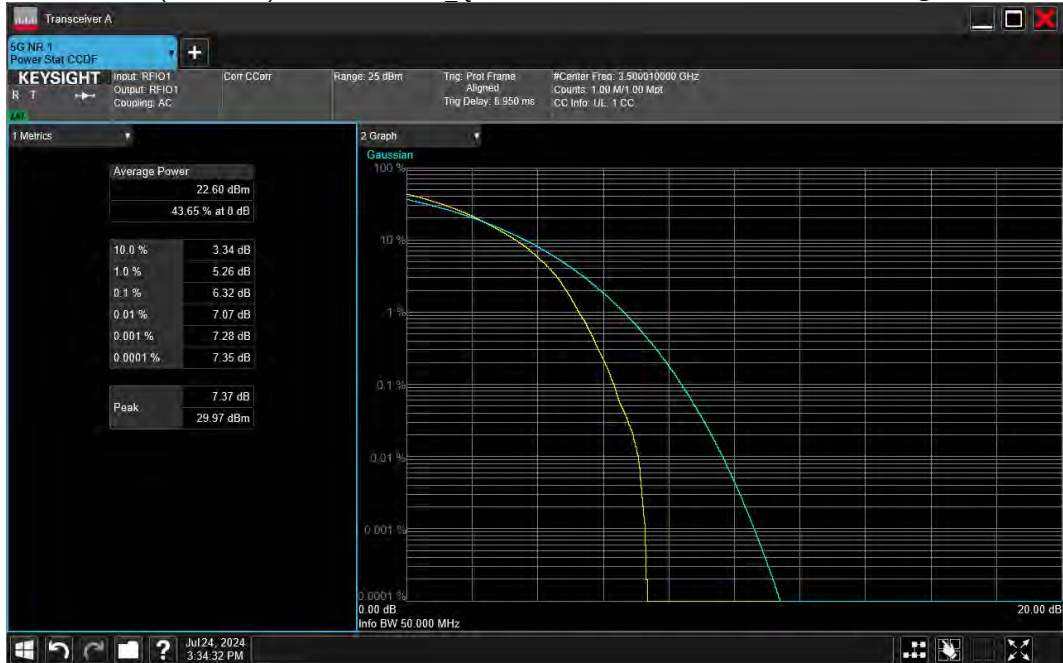
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=50MHz Channel=633334 RB=270@0



n77(3450-3550) SCS=15kHz DFT_QAM64 BW=50MHz Channel=633334 RB=270@0



n77(3450-3550) SCS=15kHz DFT_QAM256 BW=50MHz Channel=633334 RB=270@0



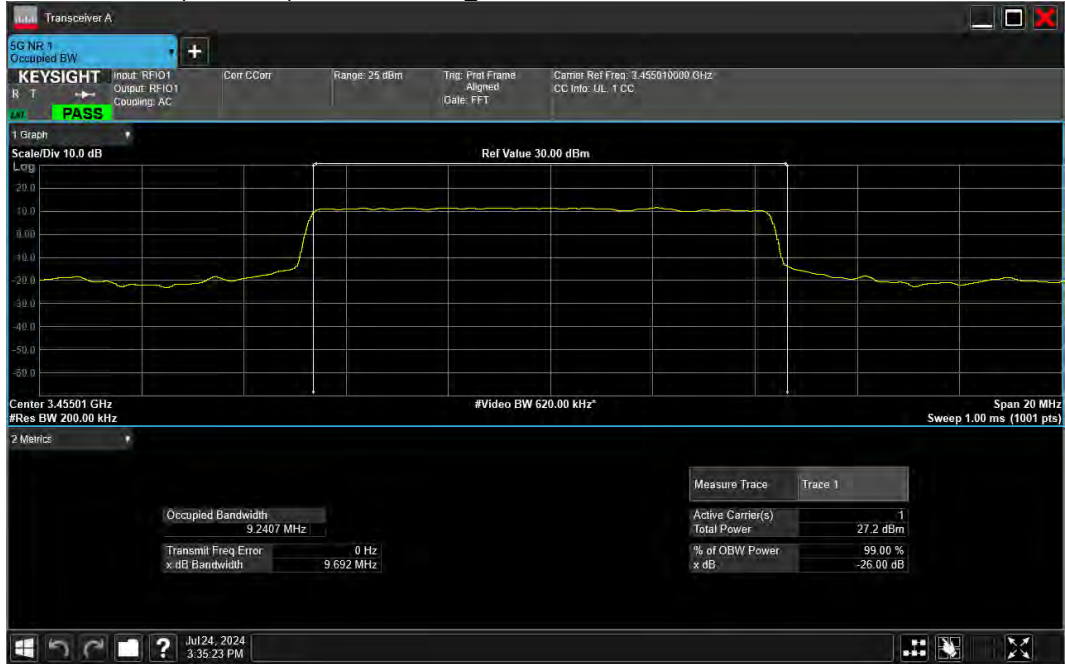
4 Occupied bandwidth for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n77(3450-3550)	15	10	630334	50@0	DFT_BPSK	9.240	9.690	PASS
n77(3450-3550)	15	10	630334	50@0	DFT_QPSK	9.280	10.180	PASS
n77(3450-3550)	15	10	630334	50@0	DFT_QAM16	9.260	9.530	PASS
n77(3450-3550)	15	10	630334	50@0	DFT_QAM64	9.250	9.530	PASS
n77(3450-3550)	15	10	630334	50@0	DFT_QAM256	9.260	9.480	PASS
n77(3450-3550)	15	10	630334	52@0	CP_QPSK	9.360	12.530	PASS
n77(3450-3550)	15	10	633334	50@0	DFT_BPSK	9.240	9.530	PASS
n77(3450-3550)	15	10	633334	50@0	DFT_QPSK	9.280	9.580	PASS
n77(3450-3550)	15	10	633334	50@0	DFT_QAM16	9.280	9.510	PASS
n77(3450-3550)	15	10	633334	50@0	DFT_QAM64	9.260	9.520	PASS
n77(3450-3550)	15	10	633334	50@0	DFT_QAM256	9.260	9.470	PASS
n77(3450-3550)	15	10	633334	52@0	CP_QPSK	9.340	10.400	PASS
n77(3450-3550)	15	10	636332	50@0	DFT_BPSK	9.250	9.560	PASS
n77(3450-3550)	15	10	636332	50@0	DFT_QPSK	9.280	9.600	PASS
n77(3450-3550)	15	10	636332	50@0	DFT_QAM16	9.260	9.520	PASS
n77(3450-3550)	15	10	636332	50@0	DFT_QAM64	9.250	9.520	PASS
n77(3450-3550)	15	10	636332	50@0	DFT_QAM256	9.280	9.470	PASS
n77(3450-3550)	15	10	636332	52@0	CP_QPSK	9.340	10.330	PASS
n77(3450-3550)	15	15	630500	75@0	DFT_BPSK	14.040	15.250	PASS
n77(3450-3550)	15	15	630500	75@0	DFT_QPSK	14.070	15.980	PASS
n77(3450-3550)	15	15	630500	75@0	DFT_QAM16	14.060	14.340	PASS
n77(3450-3550)	15	15	630500	75@0	DFT_QAM64	14.060	14.270	PASS
n77(3450-3550)	15	15	630500	75@0	DFT_QAM256	14.000	14.220	PASS
n77(3450-3550)	15	15	630500	79@0	CP_QPSK	14.230	20.480	PASS
n77(3450-3550)	15	15	633334	75@0	DFT_BPSK	14.050	14.330	PASS
n77(3450-3550)	15	15	633334	75@0	DFT_QPSK	14.070	14.460	PASS
n77(3450-3550)	15	15	633334	75@0	DFT_QAM16	14.060	14.260	PASS
n77(3450-3550)	15	15	633334	75@0	DFT_QAM64	14.060	14.220	PASS
n77(3450-3550)	15	15	633334	75@0	DFT_QAM256	14.000	14.190	PASS
n77(3450-3550)	15	15	633334	79@0	CP_QPSK	14.190	16.940	PASS
n77(3450-3550)	15	15	636166	75@0	DFT_BPSK	14.050	14.330	PASS
n77(3450-3550)	15	15	636166	75@0	DFT_QPSK	14.060	14.360	PASS
n77(3450-3550)	15	15	636166	75@0	DFT_QAM16	14.060	14.270	PASS
n77(3450-3550)	15	15	636166	75@0	DFT_QAM64	14.070	14.240	PASS
n77(3450-3550)	15	15	636166	75@0	DFT_QAM256	14.010	14.210	PASS
n77(3450-3550)	15	15	636166	79@0	CP_QPSK	14.190	16.550	PASS
n77(3450-3550)	15	20	630668	100@0	DFT_BPSK	18.830	19.970	PASS
n77(3450-3550)	15	20	630668	100@0	DFT_QPSK	18.890	22.030	PASS
n77(3450-3550)	15	20	630668	100@0	DFT_QAM16	18.890	19.090	PASS

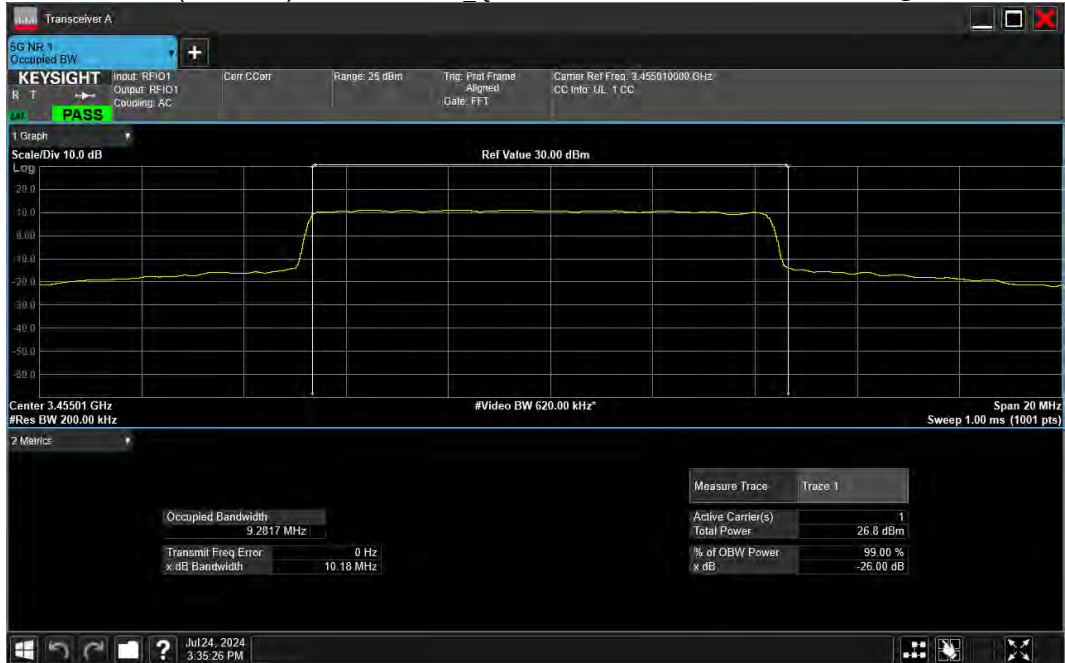
n77(3450-3550)	15	20	630668	100@0	DFT_QAM64	18.810	19.020	PASS
n77(3450-3550)	15	20	630668	100@0	DFT_QAM256	18.800	18.870	PASS
n77(3450-3550)	15	20	630668	106@0	CP_QPSK	19.060	26.590	PASS
n77(3450-3550)	15	20	633334	100@0	DFT_BPSK	18.840	19.070	PASS
n77(3450-3550)	15	20	633334	100@0	DFT_QPSK	18.890	19.220	PASS
n77(3450-3550)	15	20	633334	100@0	DFT_QAM16	18.890	18.960	PASS
n77(3450-3550)	15	20	633334	100@0	DFT_QAM64	18.820	18.950	PASS
n77(3450-3550)	15	20	633334	100@0	DFT_QAM256	18.820	18.890	PASS
n77(3450-3550)	15	20	633334	106@0	CP_QPSK	19.040	21.730	PASS
n77(3450-3550)	15	20	636000	100@0	DFT_BPSK	18.830	19.070	PASS
n77(3450-3550)	15	20	636000	100@0	DFT_QPSK	18.890	19.270	PASS
n77(3450-3550)	15	20	636000	100@0	DFT_QAM16	18.820	18.980	PASS
n77(3450-3550)	15	20	636000	100@0	DFT_QAM64	18.820	18.930	PASS
n77(3450-3550)	15	20	636000	100@0	DFT_QAM256	18.810	18.900	PASS
n77(3450-3550)	15	20	636000	106@0	CP_QPSK	19.050	21.950	PASS
n77(3450-3550)	15	30	631000	160@0	DFT_BPSK	28.710	31.410	PASS
n77(3450-3550)	15	30	631000	160@0	DFT_QPSK	28.730	33.410	PASS
n77(3450-3550)	15	30	631000	160@0	DFT_QAM16	28.730	30.410	PASS
n77(3450-3550)	15	30	631000	160@0	DFT_QAM64	28.720	30.310	PASS
n77(3450-3550)	15	30	631000	160@0	DFT_QAM256	28.700	30.170	PASS
n77(3450-3550)	15	30	631000	160@0	CP_QPSK	28.820	38.790	PASS
n77(3450-3550)	15	30	633334	160@0	DFT_BPSK	28.690	30.400	PASS
n77(3450-3550)	15	30	633334	160@0	DFT_QPSK	28.730	30.610	PASS
n77(3450-3550)	15	30	633334	160@0	DFT_QAM16	28.710	30.270	PASS
n77(3450-3550)	15	30	633334	160@0	DFT_QAM64	28.690	30.220	PASS
n77(3450-3550)	15	30	633334	160@0	DFT_QAM256	28.680	30.180	PASS
n77(3450-3550)	15	30	633334	160@0	CP_QPSK	28.730	30.630	PASS
n77(3450-3550)	15	30	635666	160@0	DFT_BPSK	28.680	30.470	PASS
n77(3450-3550)	15	30	635666	160@0	DFT_QPSK	28.720	31.100	PASS
n77(3450-3550)	15	30	635666	160@0	DFT_QAM16	28.700	30.310	PASS
n77(3450-3550)	15	30	635666	160@0	DFT_QAM64	28.680	30.250	PASS
n77(3450-3550)	15	30	635666	160@0	DFT_QAM256	28.610	30.190	PASS
n77(3450-3550)	15	30	635666	160@0	CP_QPSK	28.730	34.200	PASS
n77(3450-3550)	15	40	631334	216@0	DFT_BPSK	38.770	42.180	PASS
n77(3450-3550)	15	40	631334	216@0	DFT_QPSK	38.800	57.380	PASS
n77(3450-3550)	15	40	631334	216@0	DFT_QAM16	38.780	41.160	PASS
n77(3450-3550)	15	40	631334	216@0	DFT_QAM64	38.790	40.910	PASS
n77(3450-3550)	15	40	631334	216@0	DFT_QAM256	38.750	40.730	PASS
n77(3450-3550)	15	40	631334	216@0	CP_QPSK	38.890	50.590	PASS
n77(3450-3550)	15	40	633334	216@0	DFT_BPSK	38.750	41.060	PASS
n77(3450-3550)	15	40	633334	216@0	DFT_QPSK	38.770	41.390	PASS
n77(3450-3550)	15	40	633334	216@0	DFT_QAM16	38.740	40.870	PASS
n77(3450-3550)	15	40	633334	216@0	DFT_QAM64	38.740	40.800	PASS

n77(3450-3550)	15	40	633334	216@0	DFT_QAM256	38.640	40.700	PASS
n77(3450-3550)	15	40	633334	216@0	CP_QPSK	38.790	43.190	PASS
n77(3450-3550)	15	40	635332	216@0	DFT_BPSK	38.740	41.120	PASS
n77(3450-3550)	15	40	635332	216@0	DFT_QPSK	38.760	49.260	PASS
n77(3450-3550)	15	40	635332	216@0	DFT_QAM16	38.740	40.910	PASS
n77(3450-3550)	15	40	635332	216@0	DFT_QAM64	38.640	40.800	PASS
n77(3450-3550)	15	40	635332	216@0	DFT_QAM256	38.630	40.700	PASS
n77(3450-3550)	15	40	635332	216@0	CP_QPSK	38.780	43.500	PASS
n77(3450-3550)	15	50	631668	270@0	DFT_BPSK	48.450	55.760	PASS
n77(3450-3550)	15	50	631668	270@0	DFT_QPSK	48.480	58.700	PASS
n77(3450-3550)	15	50	631668	270@0	DFT_QAM16	48.470	51.400	PASS
n77(3450-3550)	15	50	631668	270@0	DFT_QAM64	48.430	51.090	PASS
n77(3450-3550)	15	50	631668	270@0	DFT_QAM256	48.420	50.870	PASS
n77(3450-3550)	15	50	631668	270@0	CP_QPSK	48.480	60.320	PASS
n77(3450-3550)	15	50	633334	270@0	DFT_BPSK	48.440	53.460	PASS
n77(3450-3550)	15	50	633334	270@0	DFT_QPSK	48.470	54.140	PASS
n77(3450-3550)	15	50	633334	270@0	DFT_QAM16	48.460	51.160	PASS
n77(3450-3550)	15	50	633334	270@0	DFT_QAM64	48.430	50.980	PASS
n77(3450-3550)	15	50	633334	270@0	DFT_QAM256	48.290	50.810	PASS
n77(3450-3550)	15	50	633334	270@0	CP_QPSK	48.480	55.510	PASS
n77(3450-3550)	15	50	635000	270@0	DFT_BPSK	48.450	53.320	PASS
n77(3450-3550)	15	50	635000	270@0	DFT_QPSK	48.490	55.970	PASS
n77(3450-3550)	15	50	635000	270@0	DFT_QAM16	48.450	51.140	PASS
n77(3450-3550)	15	50	635000	270@0	DFT_QAM64	48.440	51.020	PASS
n77(3450-3550)	15	50	635000	270@0	DFT_QAM256	48.410	50.870	PASS
n77(3450-3550)	15	50	635000	270@0	CP_QPSK	48.490	56.680	PASS

n77(3450-3550) SCS=15kHz DFT_BPSK BW=10MHz Channel=630334 RB=50@0



n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=630334 RB=50@0



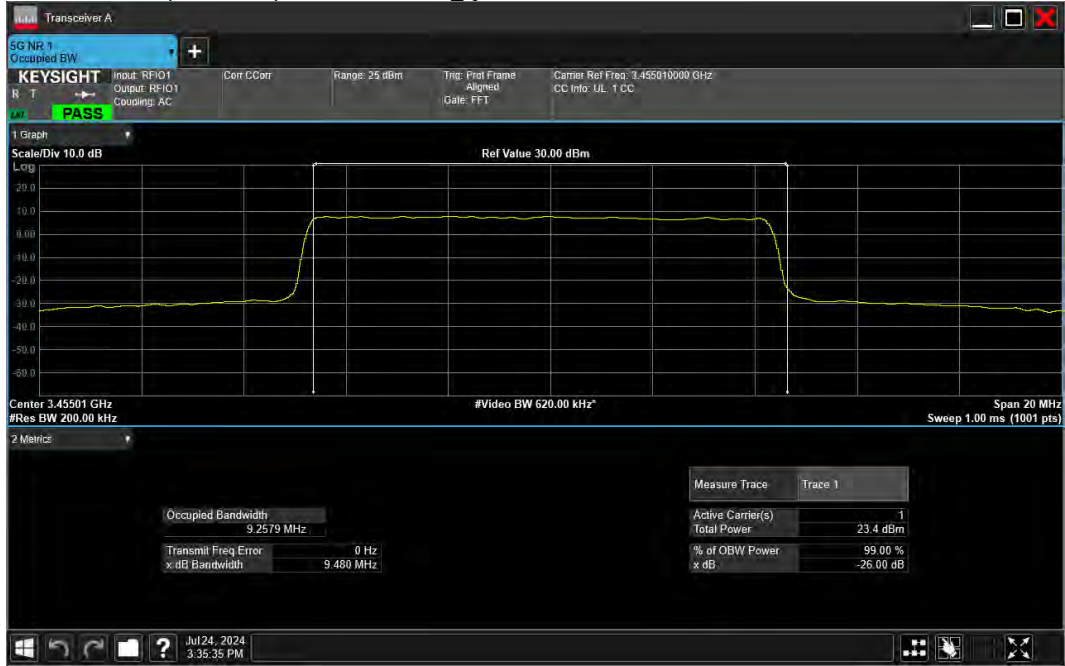
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=10MHz Channel=630334 RB=50@0



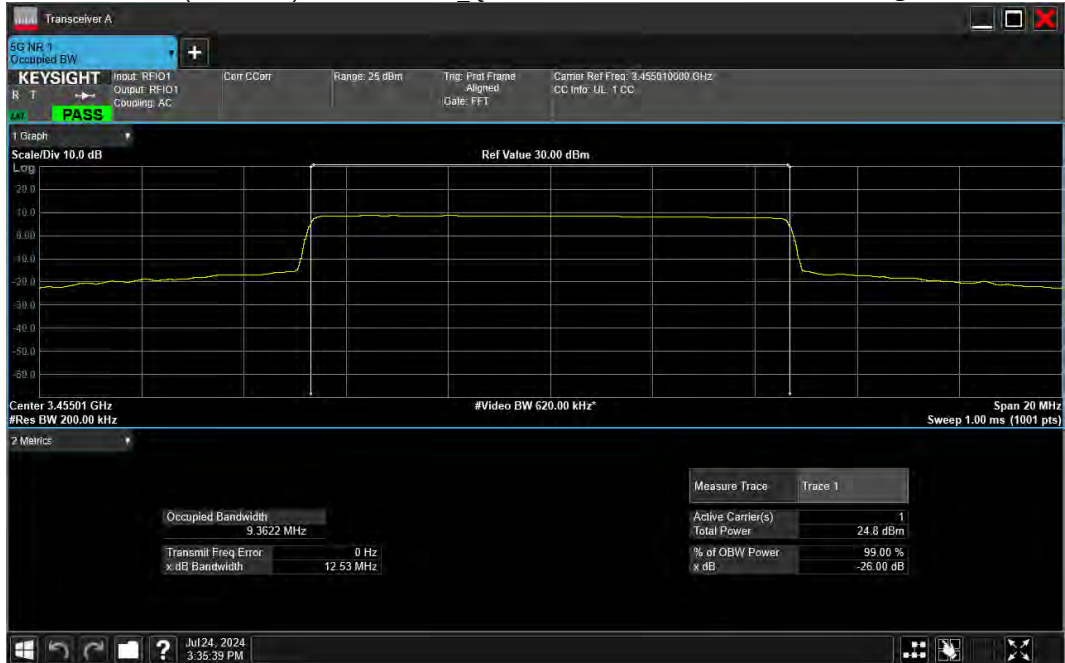
n77(3450-3550) SCS=15kHz DFT_QAM64 BW=10MHz Channel=630334 RB=50@0



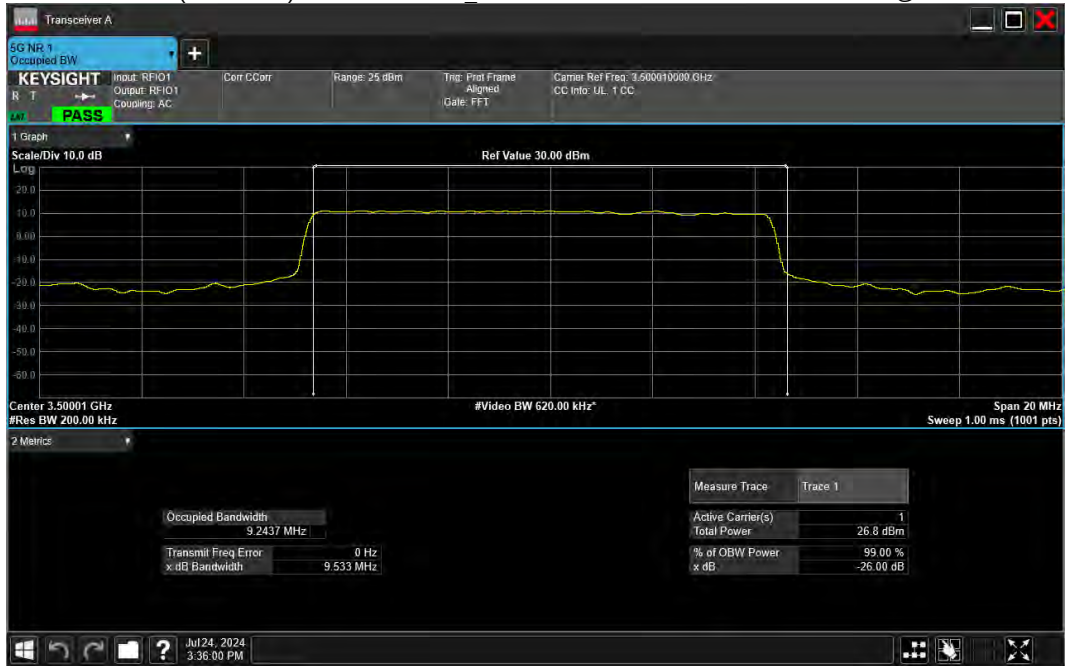
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=10MHz Channel=630334 RB=50@0



n77(3450-3550) SCS=15kHz CP_QPSK BW=10MHz Channel=630334 RB=52@0

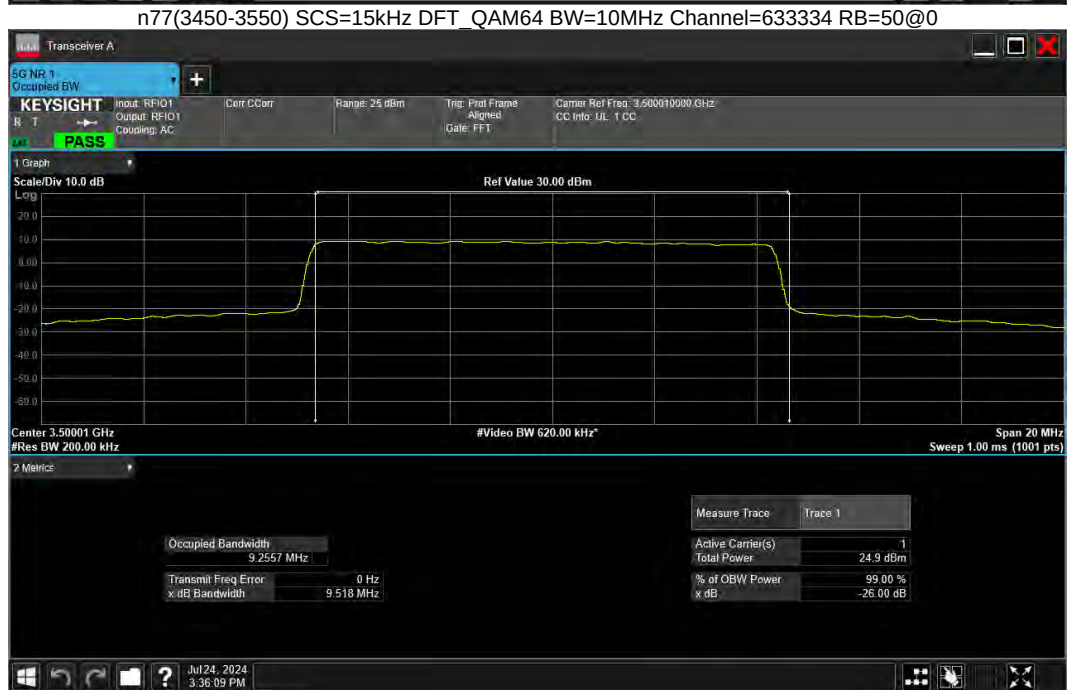
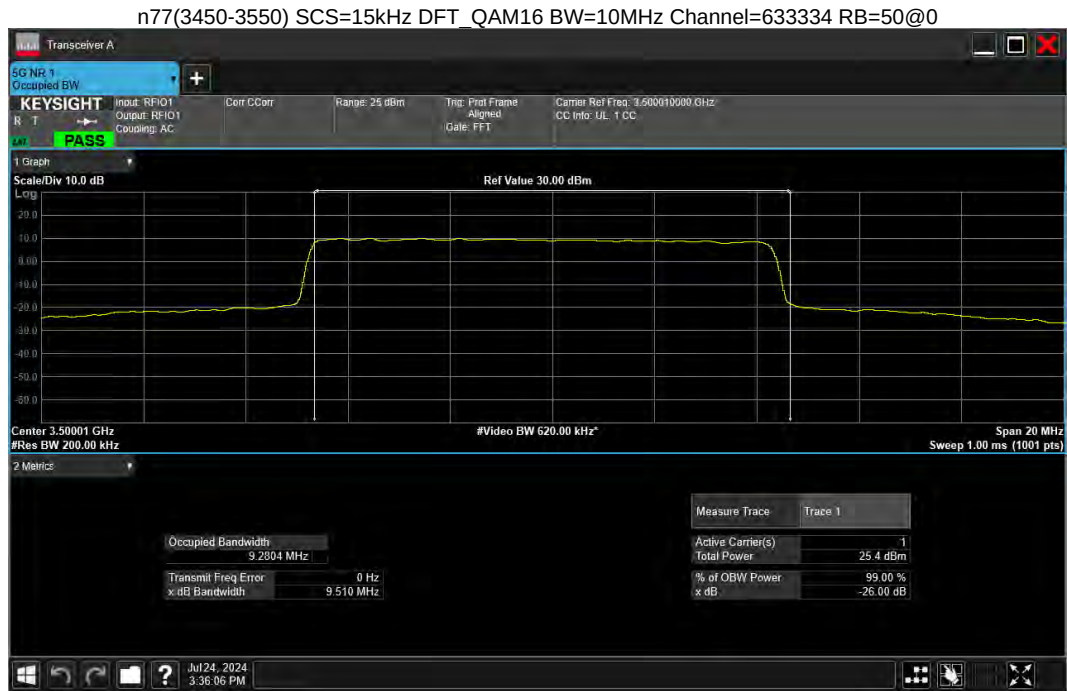


n77(3450-3550) SCS=15kHz DFT_BPSK BW=10MHz Channel=633334 RB=50@0

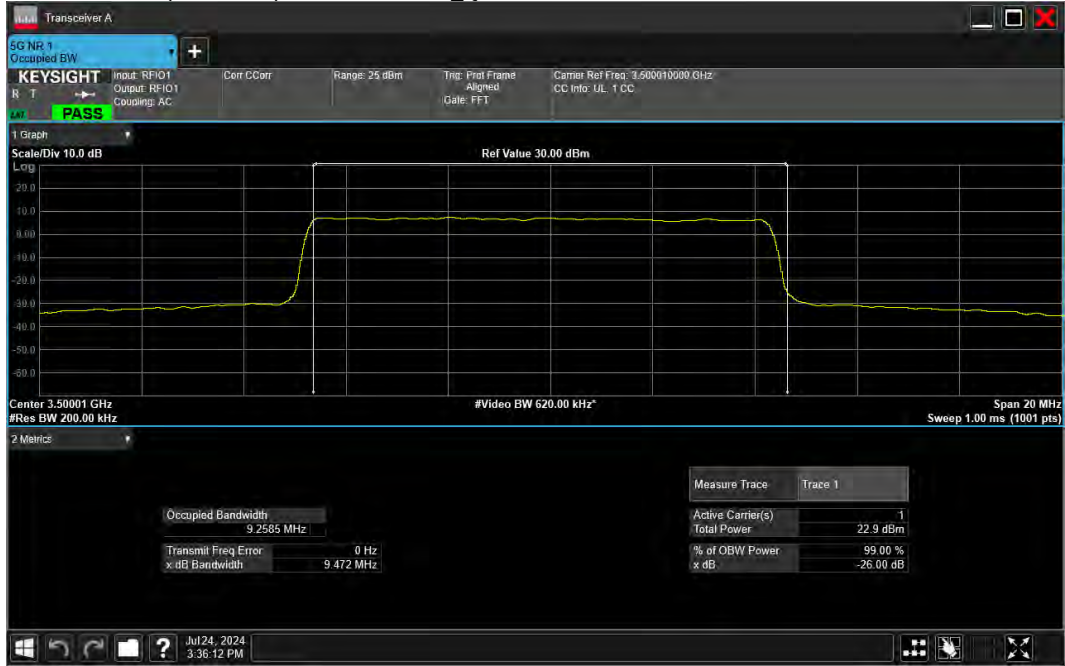


n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=633334 RB=50@0

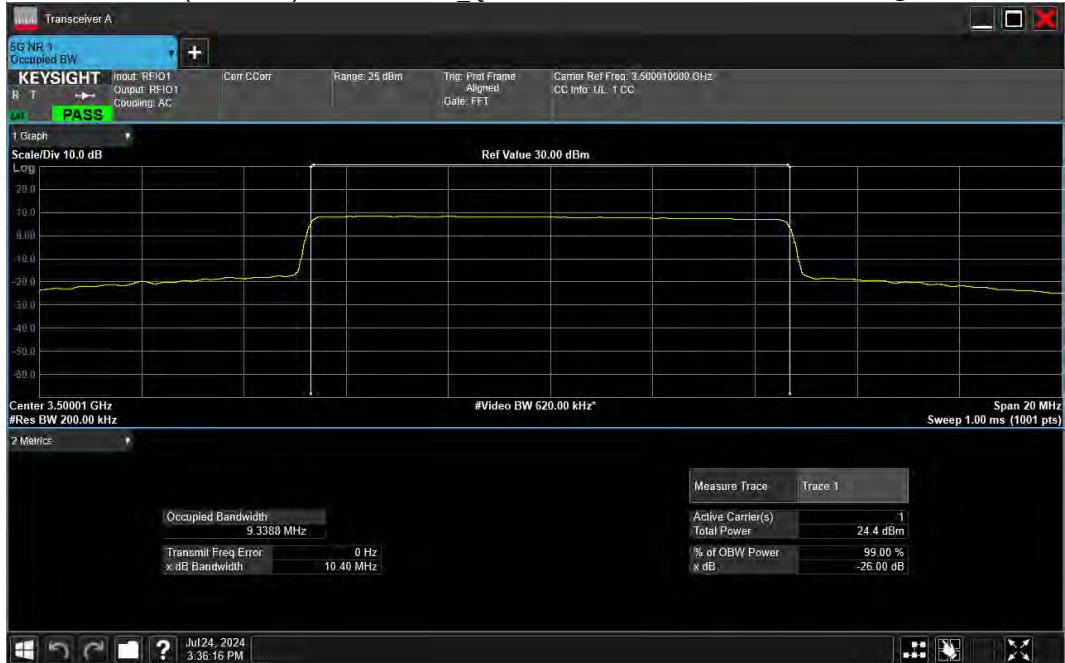




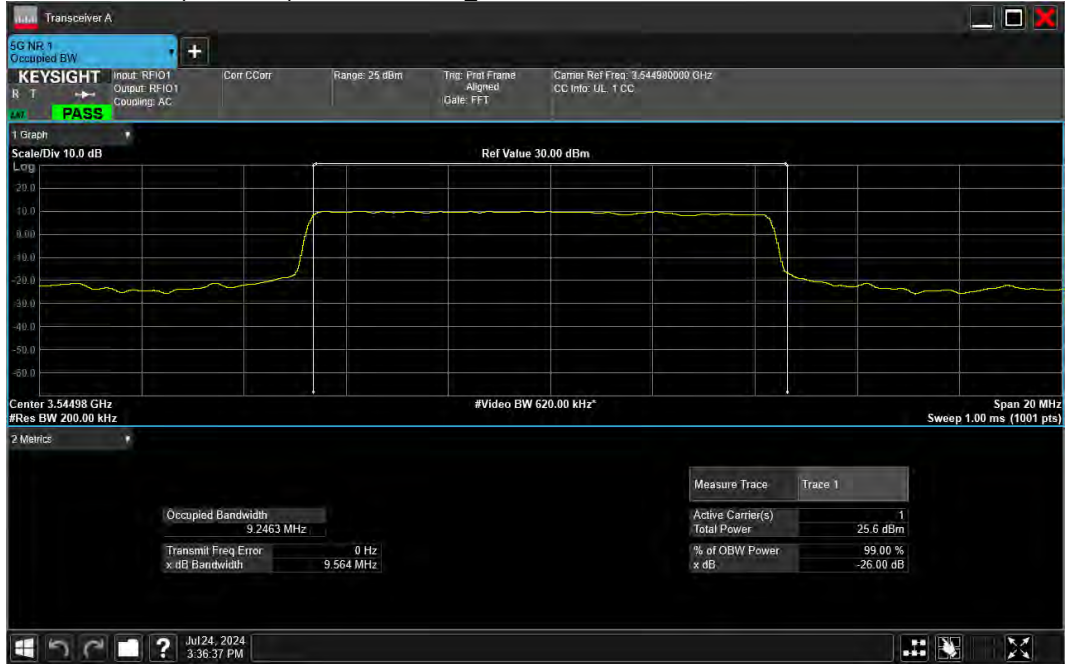
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=10MHz Channel=633334 RB=50@0



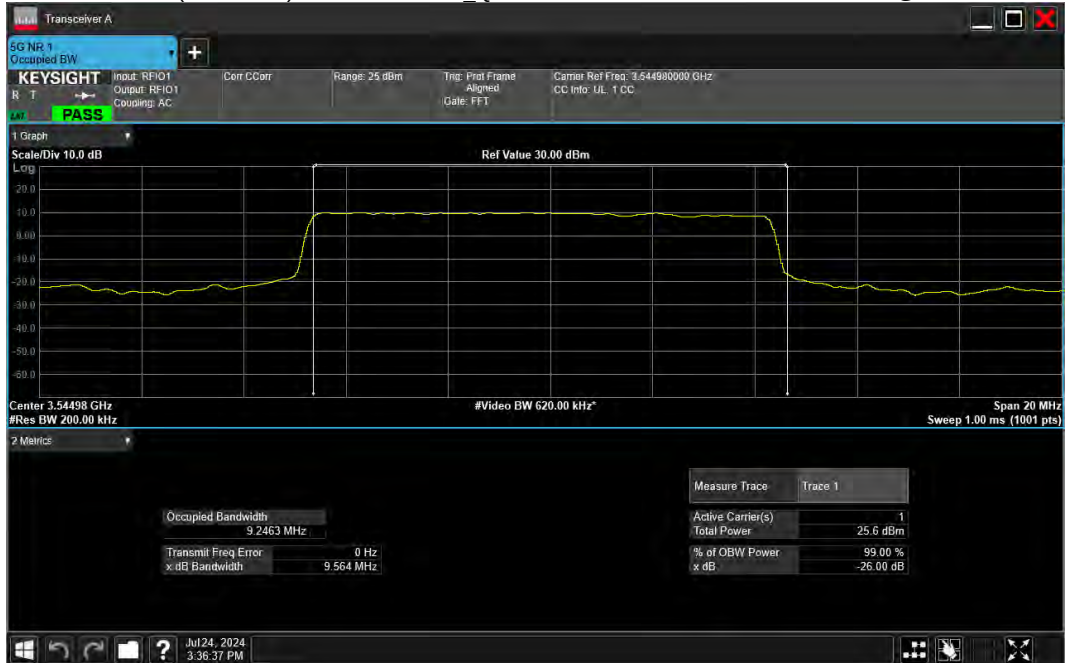
n77(3450-3550) SCS=15kHz CP_QPSK BW=10MHz Channel=633334 RB=52@0



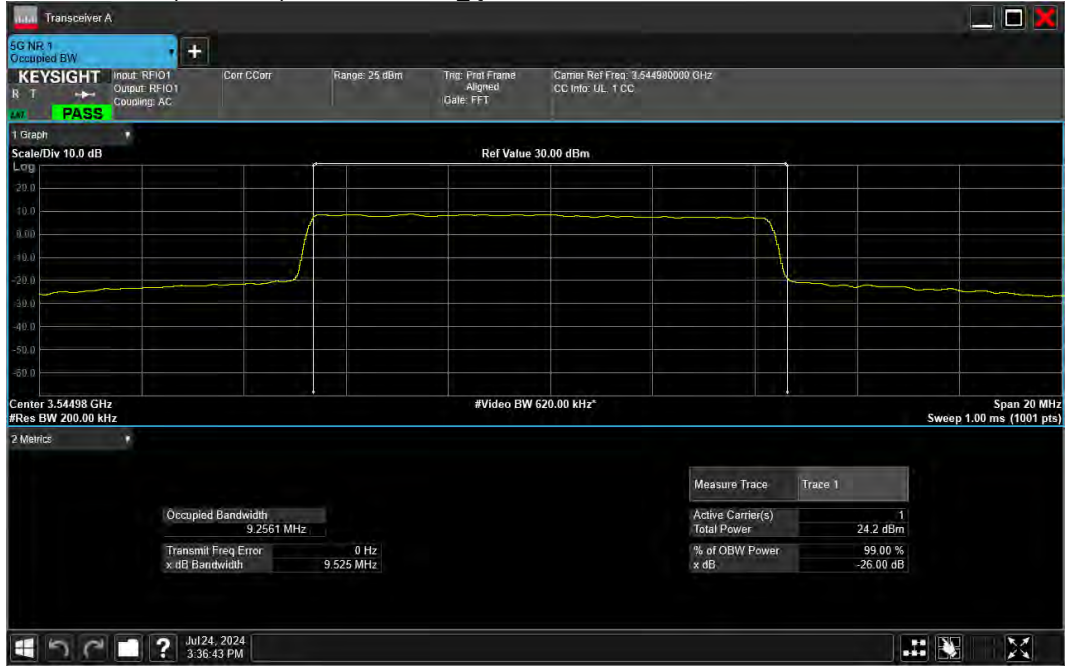
n77(3450-3550) SCS=15kHz DFT_BPSK BW=10MHz Channel=636332 RB=50@0



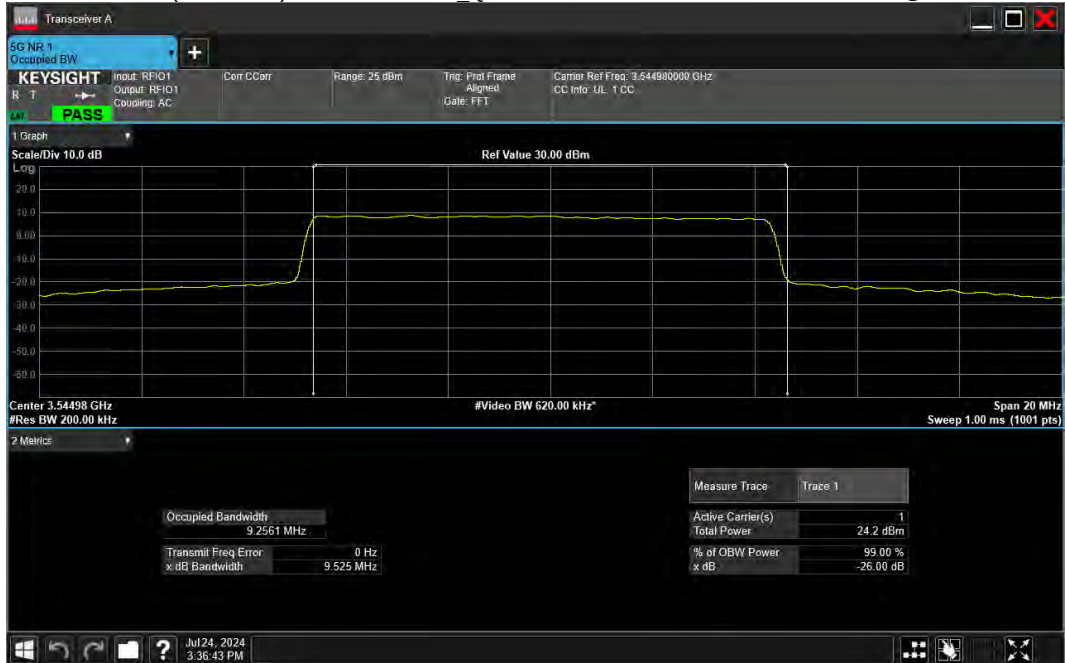
n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=636332 RB=50@0



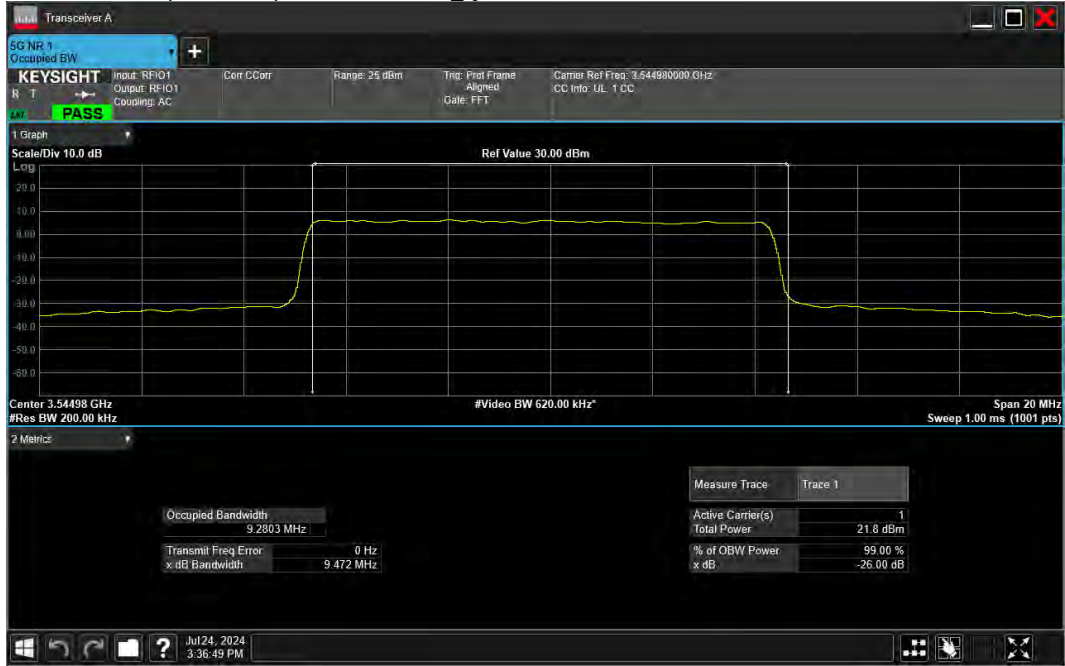
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=10MHz Channel=636332 RB=50@0



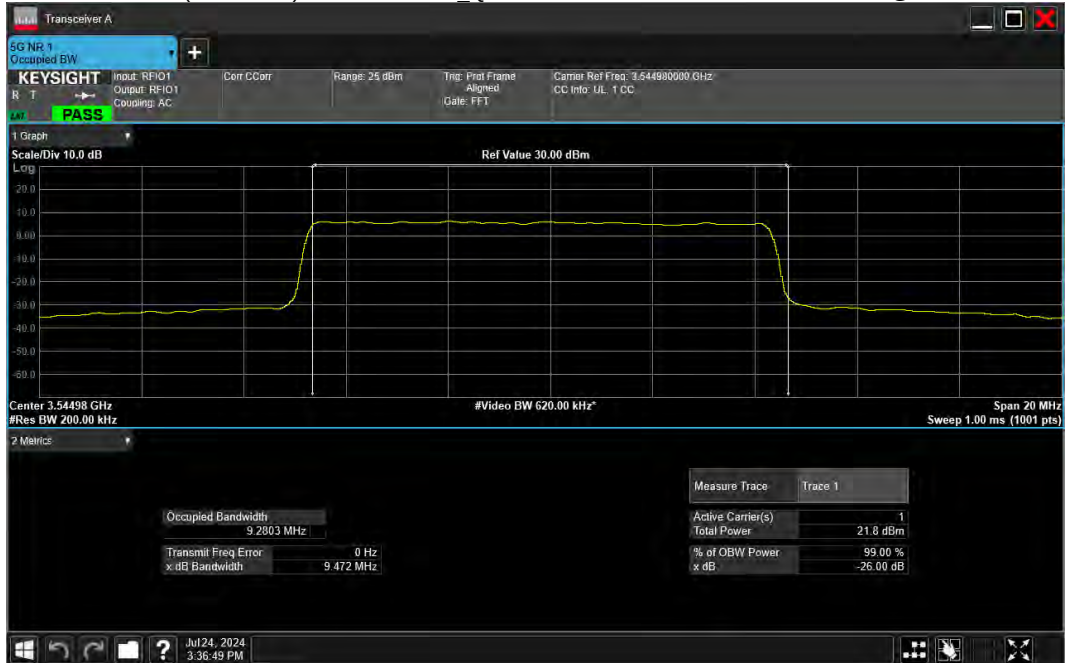
n77(3450-3550) SCS=15kHz DFT_QAM64 BW=10MHz Channel=636332 RB=50@0



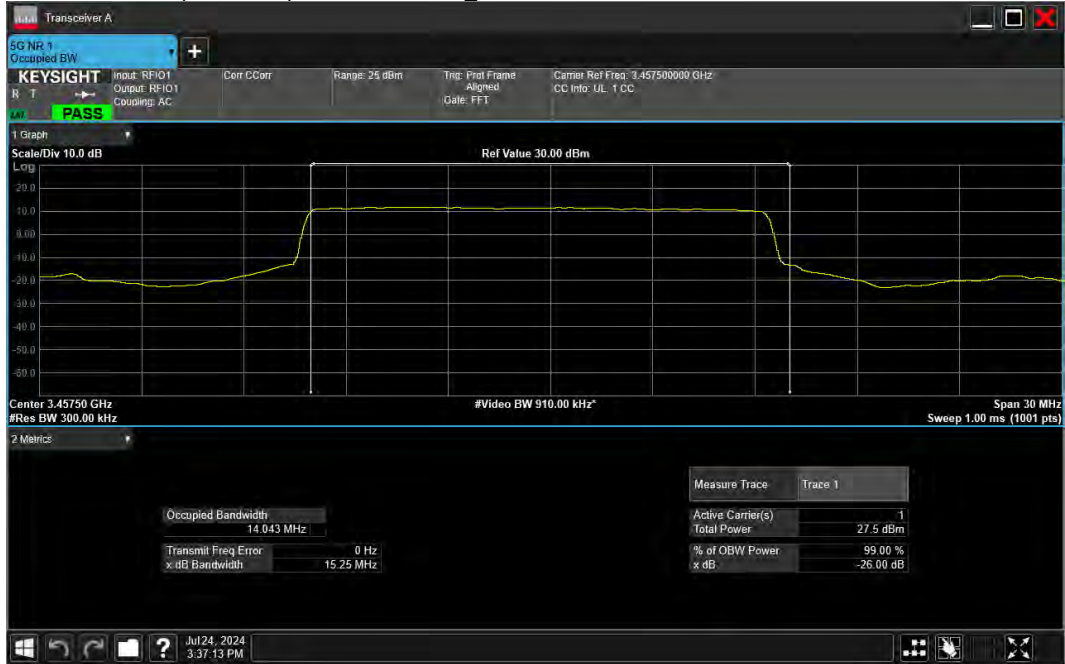
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=10MHz Channel=636332 RB=50@0



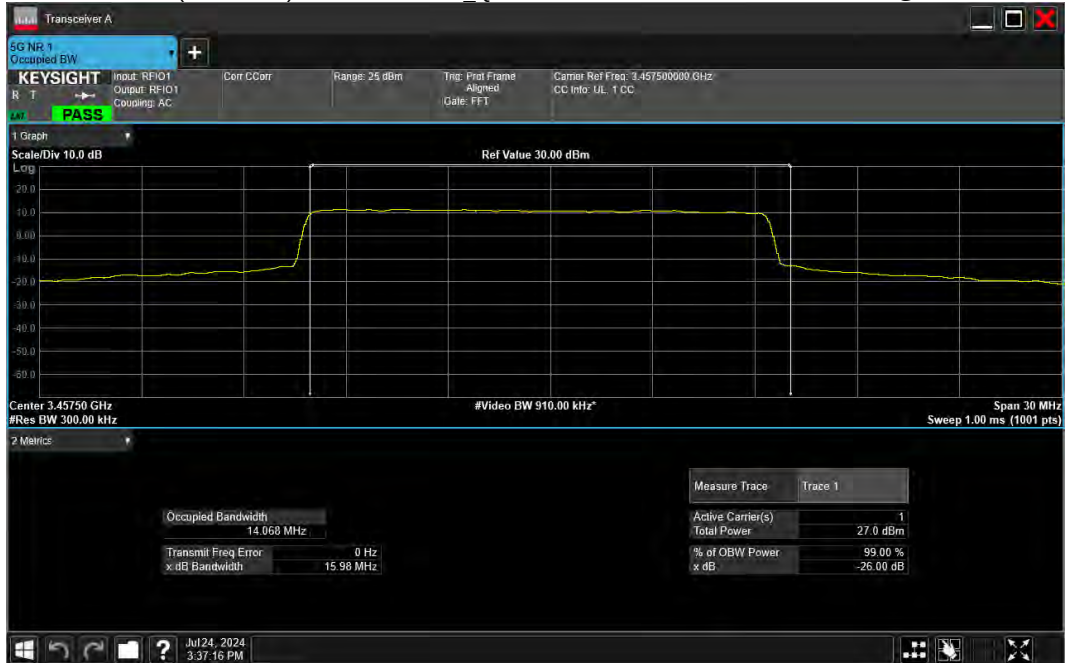
n77(3450-3550) SCS=15kHz CP_QPSK BW=10MHz Channel=636332 RB=52@0



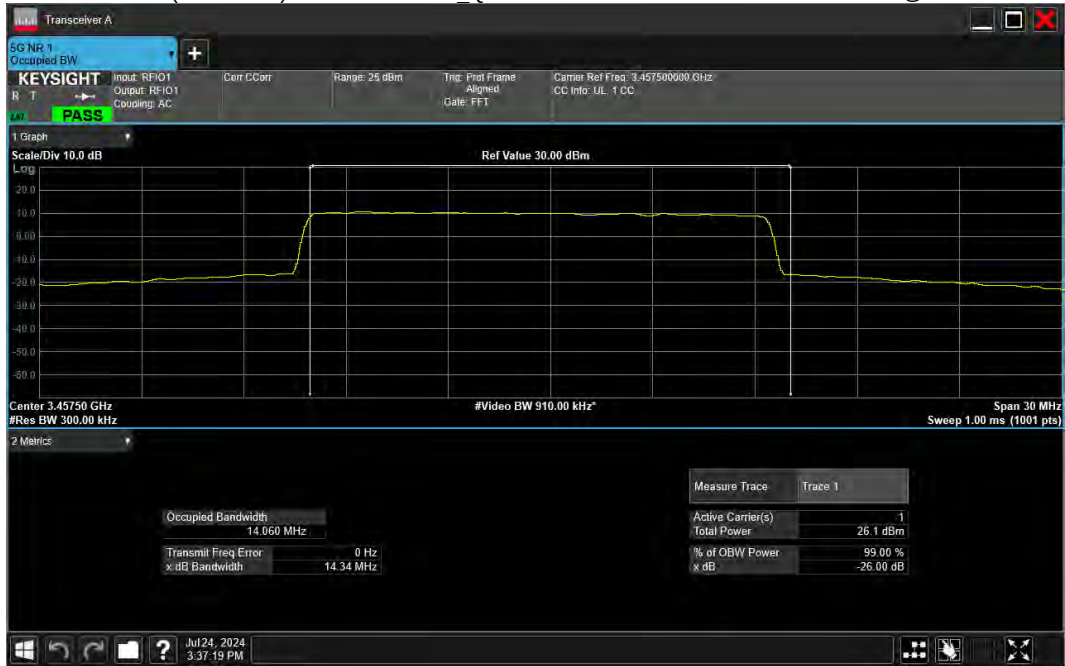
n77(3450-3550) SCS=15kHz DFT_BPSK BW=15MHz Channel=630500 RB=75@0



n77(3450-3550) SCS=15kHz DFT_QPSK BW=15MHz Channel=630500 RB=75@0



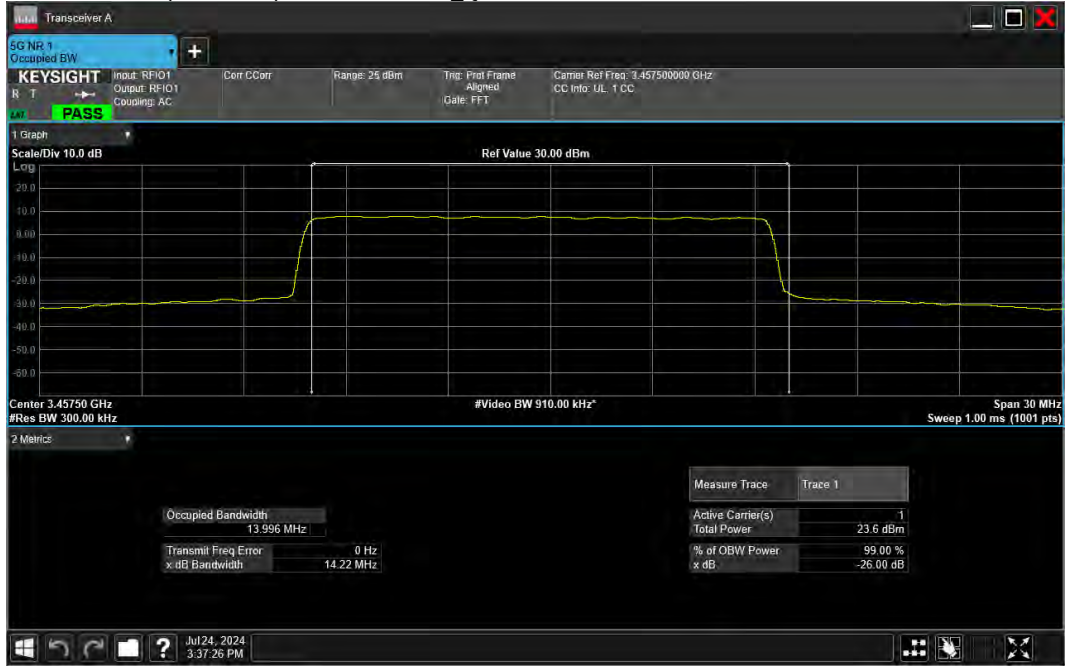
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=15MHz Channel=630500 RB=75@0



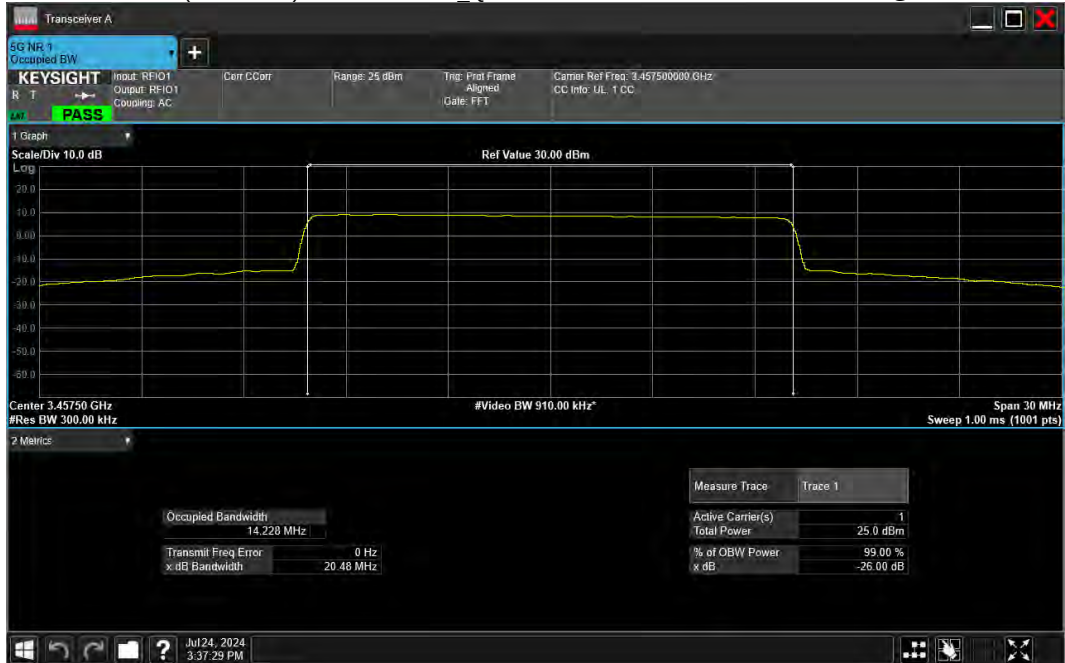
n77(3450-3550) SCS=15kHz DFT_QAM64 BW=15MHz Channel=630500 RB=75@0



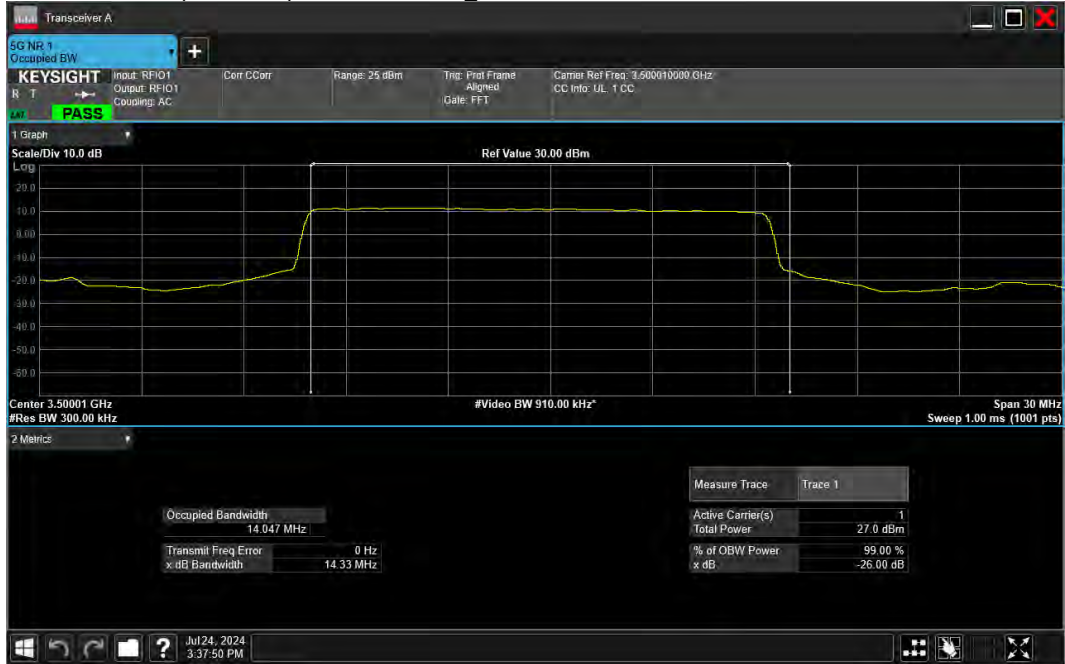
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=15MHz Channel=630500 RB=75@0



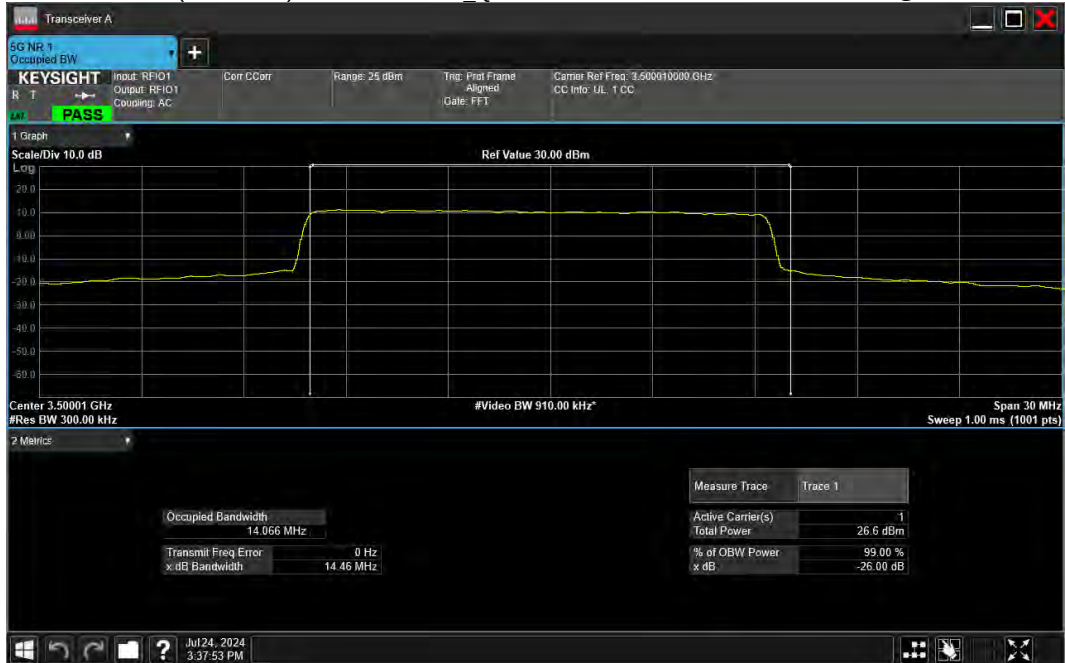
n77(3450-3550) SCS=15kHz CP_QPSK BW=15MHz Channel=630500 RB=79@0



n77(3450-3550) SCS=15kHz DFT_BPSK BW=15MHz Channel=633334 RB=75@0



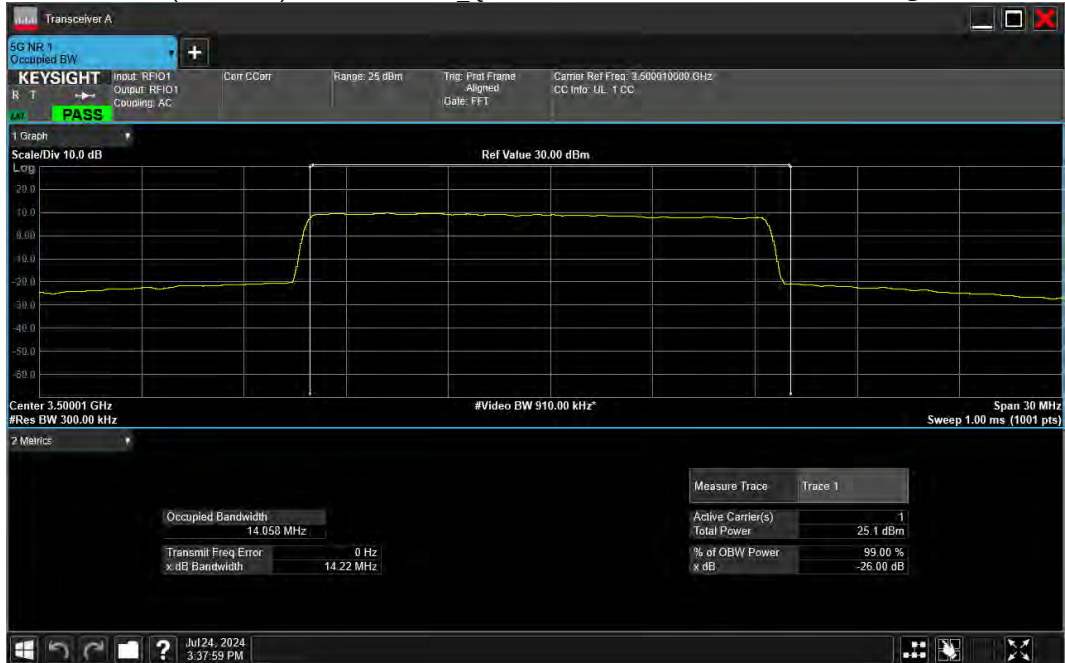
n77(3450-3550) SCS=15kHz DFT_QPSK BW=15MHz Channel=633334 RB=75@0



n77(3450-3550) SCS=15kHz DFT_QAM16 BW=15MHz Channel=633334 RB=75@0



n77(3450-3550) SCS=15kHz DFT_QAM64 BW=15MHz Channel=633334 RB=75@0



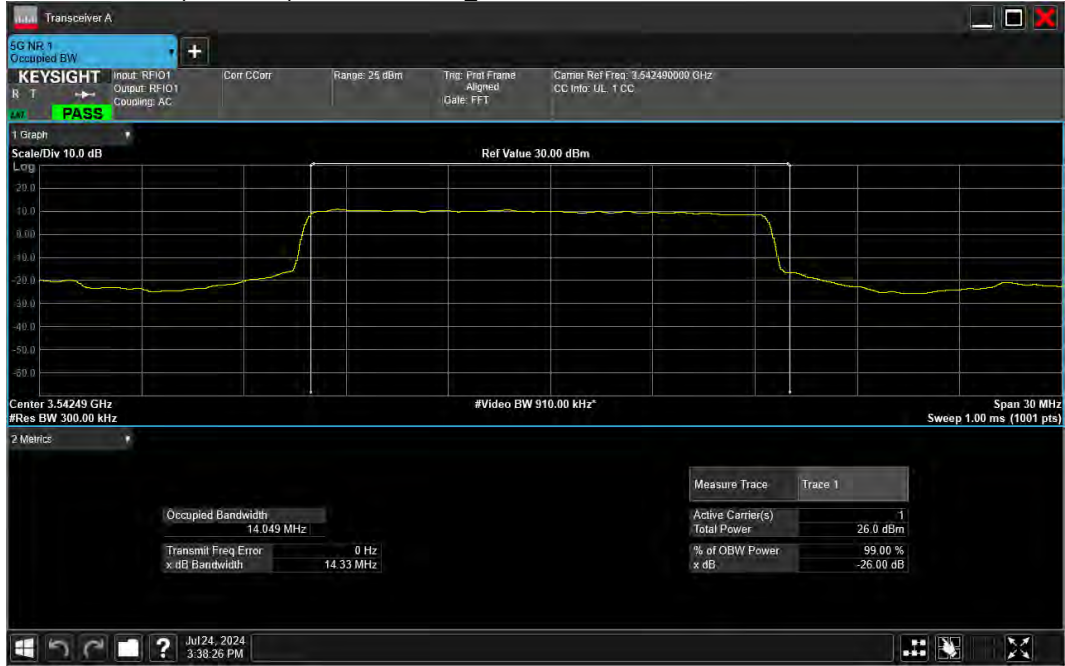
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=15MHz Channel=633334 RB=75@0



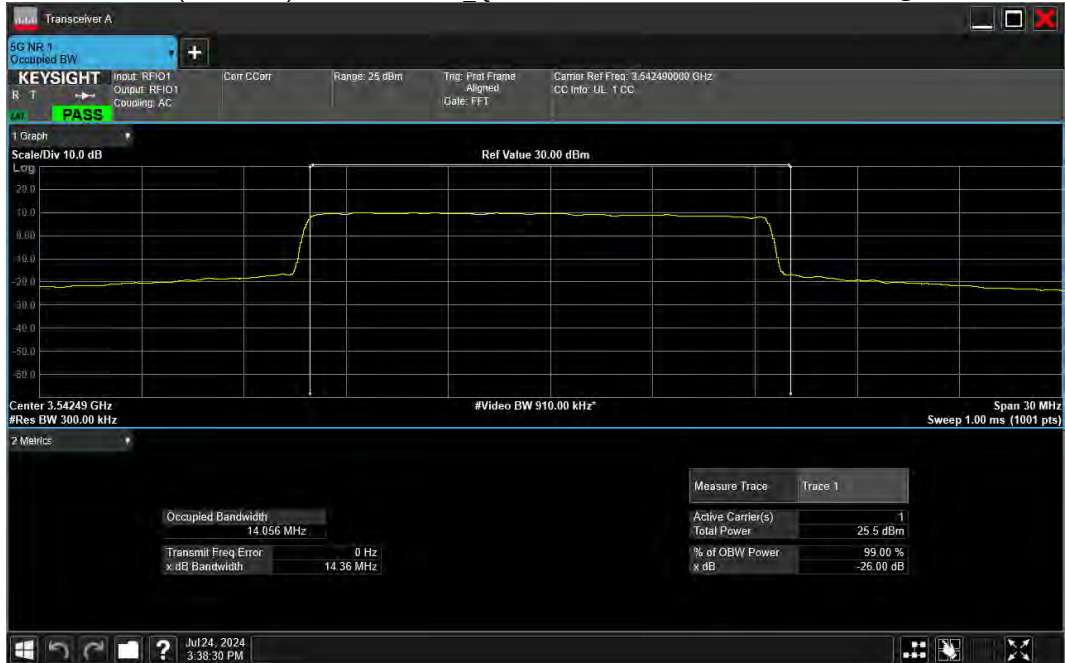
n77(3450-3550) SCS=15kHz CP_QPSK BW=15MHz Channel=633334 RB=79@0



n77(3450-3550) SCS=15kHz DFT_BPSK BW=15MHz Channel=636166 RB=75@0



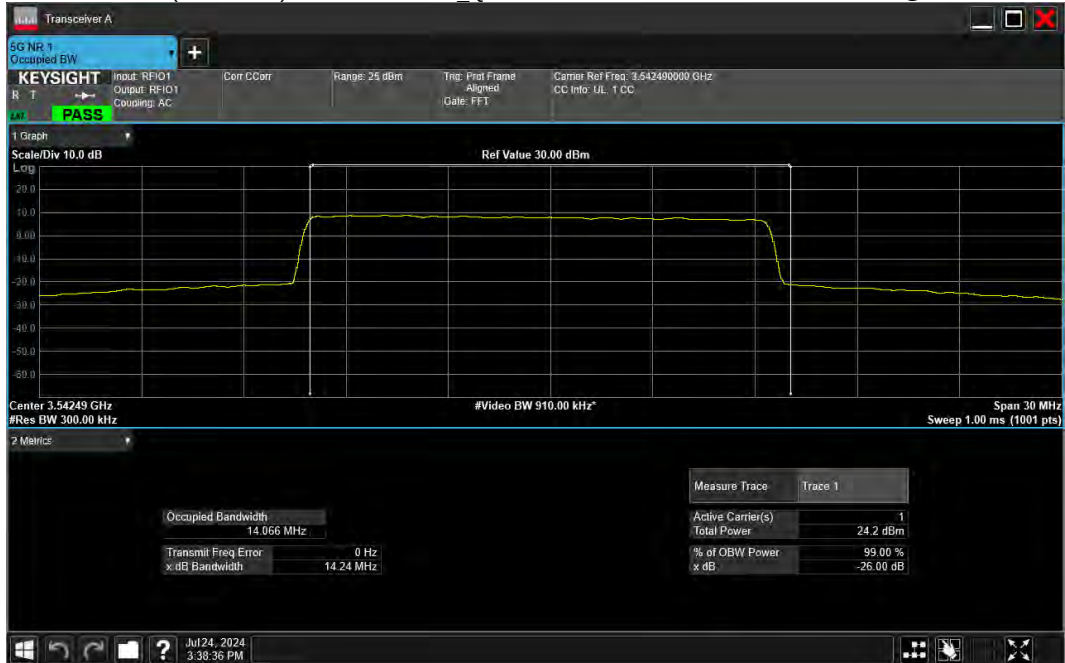
n77(3450-3550) SCS=15kHz DFT_QPSK BW=15MHz Channel=636166 RB=75@0



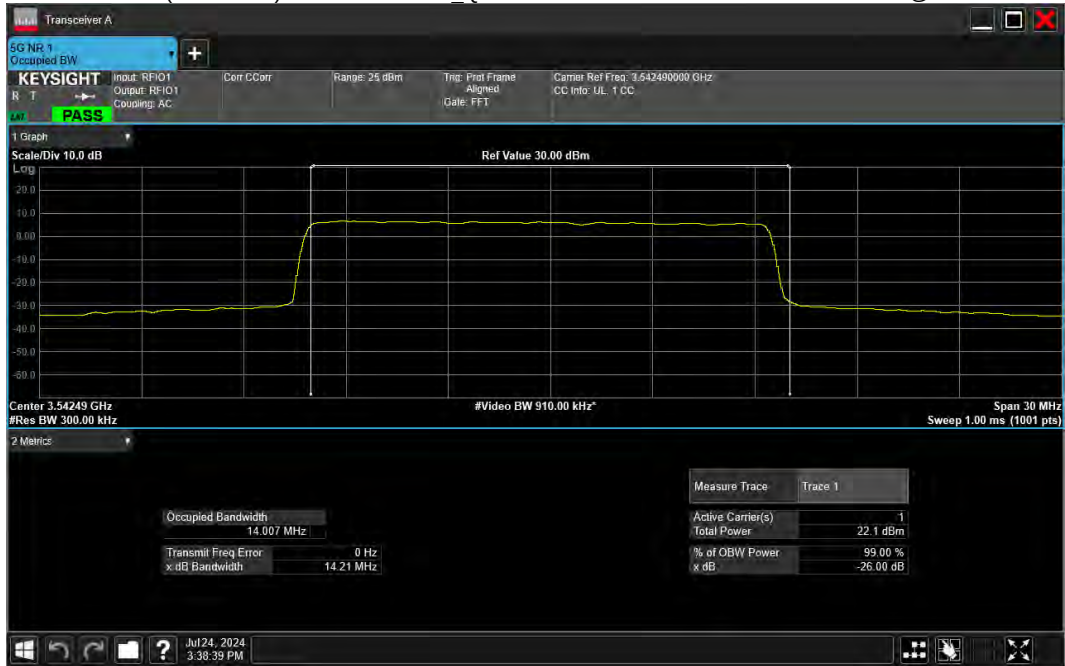
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=15MHz Channel=636166 RB=75@0



n77(3450-3550) SCS=15kHz DFT_QAM64 BW=15MHz Channel=636166 RB=75@0



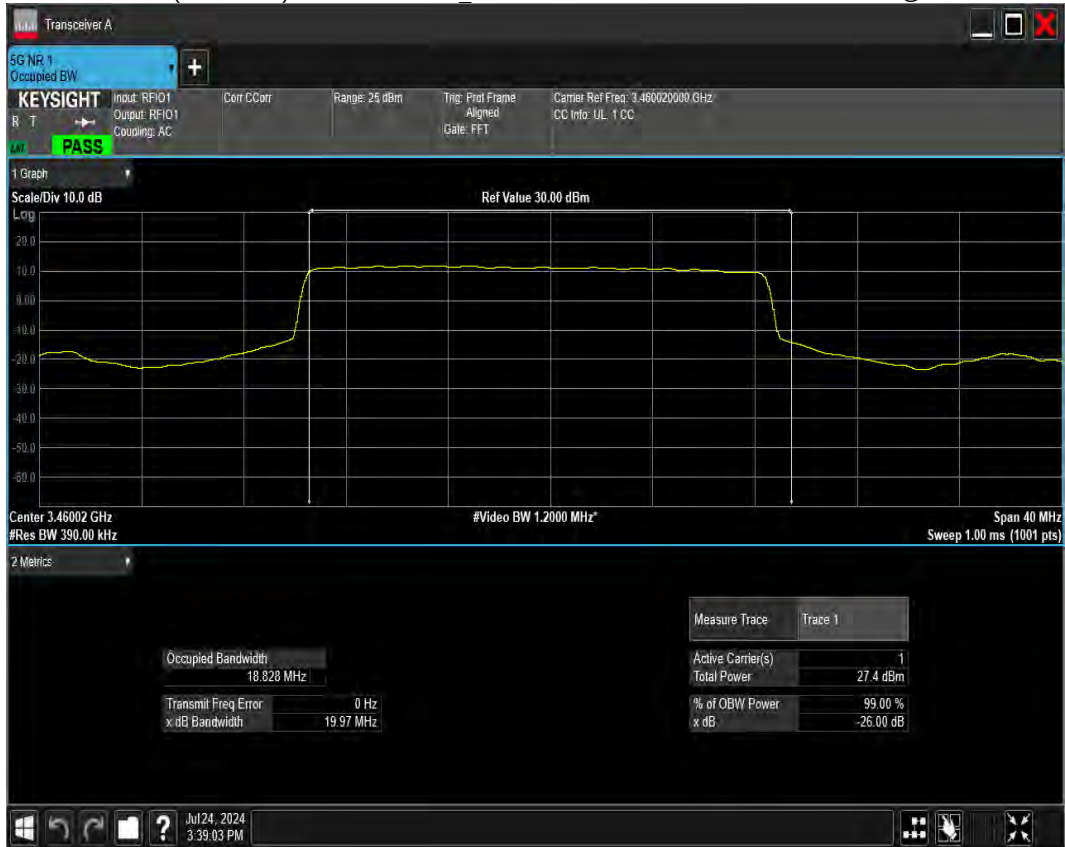
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=15MHz Channel=636166 RB=75@0



n77(3450-3550) SCS=15kHz CP_QPSK BW=15MHz Channel=636166 RB=79@0



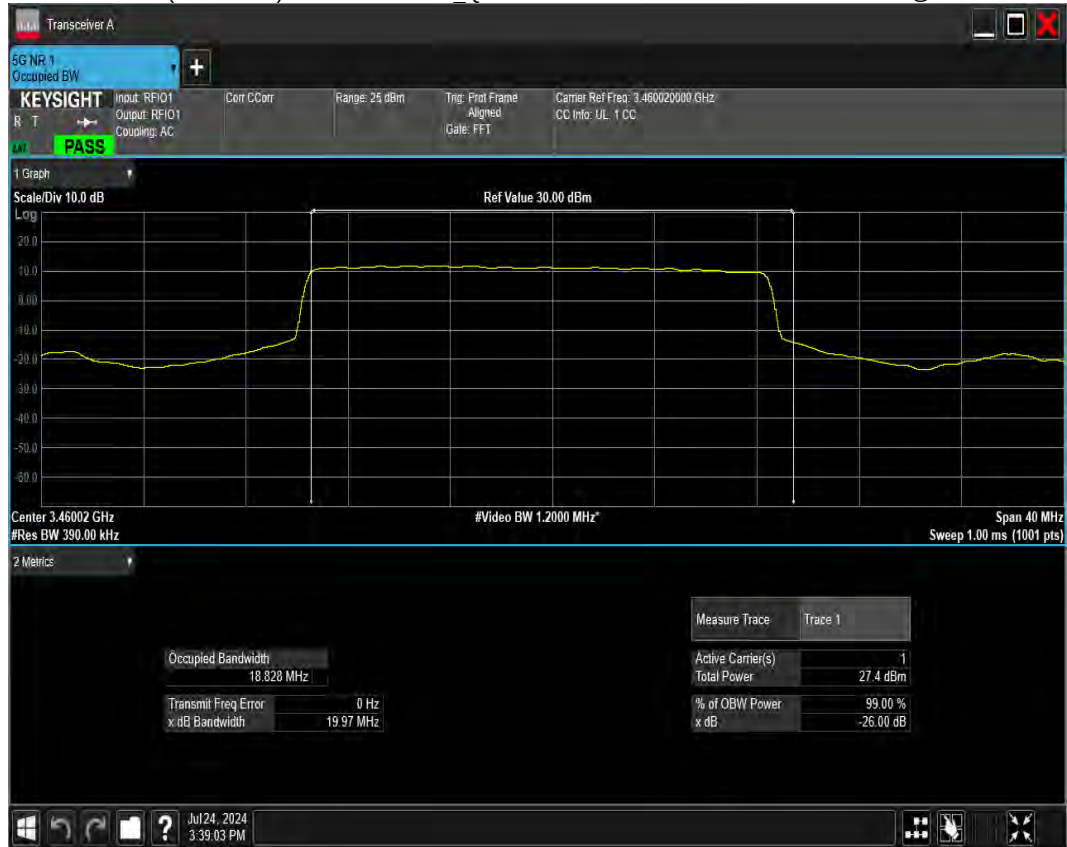
n77(3450-3550) SCS=15kHz DFT_BPSK BW=20MHz Channel=630668 RB=100@0



n77(3450-3550) SCS=15kHz DFT_QPSK BW=20MHz Channel=630668 RB=100@0



n77(3450-3550) SCS=15kHz DFT_QAM16 BW=20MHz Channel=630668 RB=100@0



n77(3450-3550) SCS=15kHz DFT_QAM64 BW=20MHz Channel=630668 RB=100@0



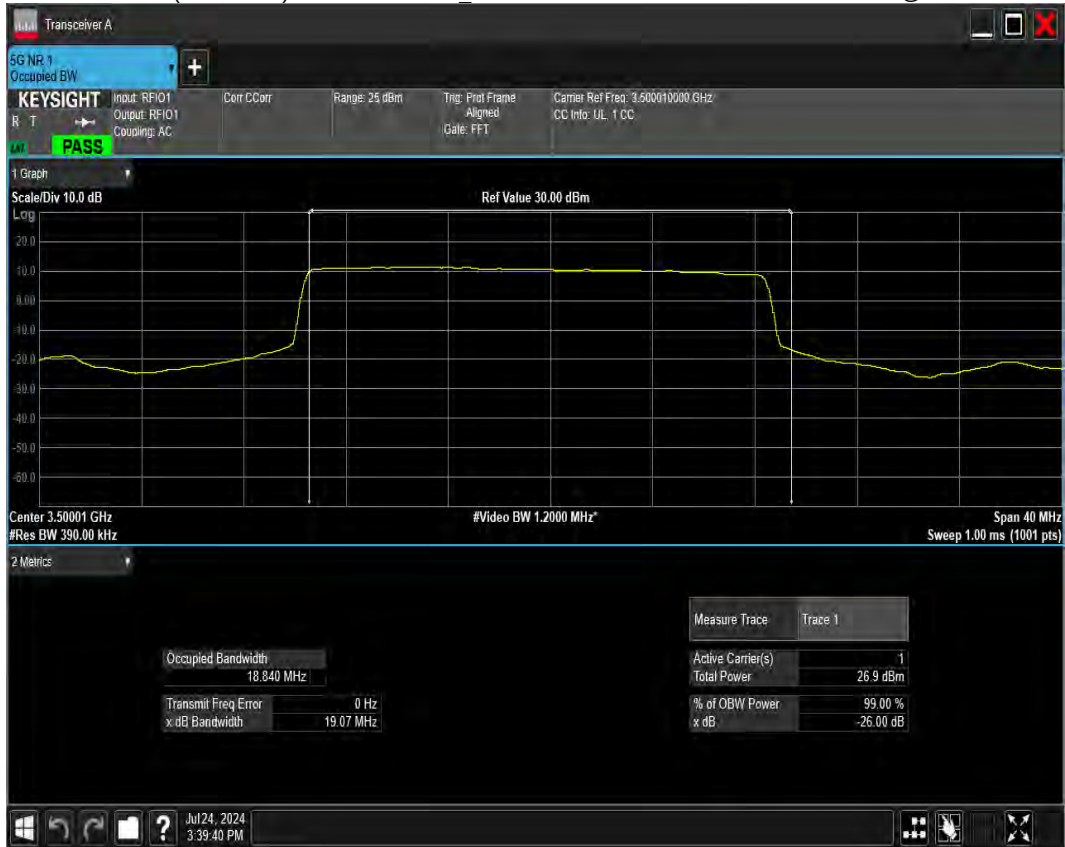
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=20MHz Channel=630668 RB=100@0



n77(3450-3550) SCS=15kHz CP_QPSK BW=20MHz Channel=630668 RB=106@0



n77(3450-3550) SCS=15kHz DFT_BPSK BW=20MHz Channel=633334 RB=100@0



n77(3450-3550) SCS=15kHz DFT_QPSK BW=20MHz Channel=633334 RB=100@0



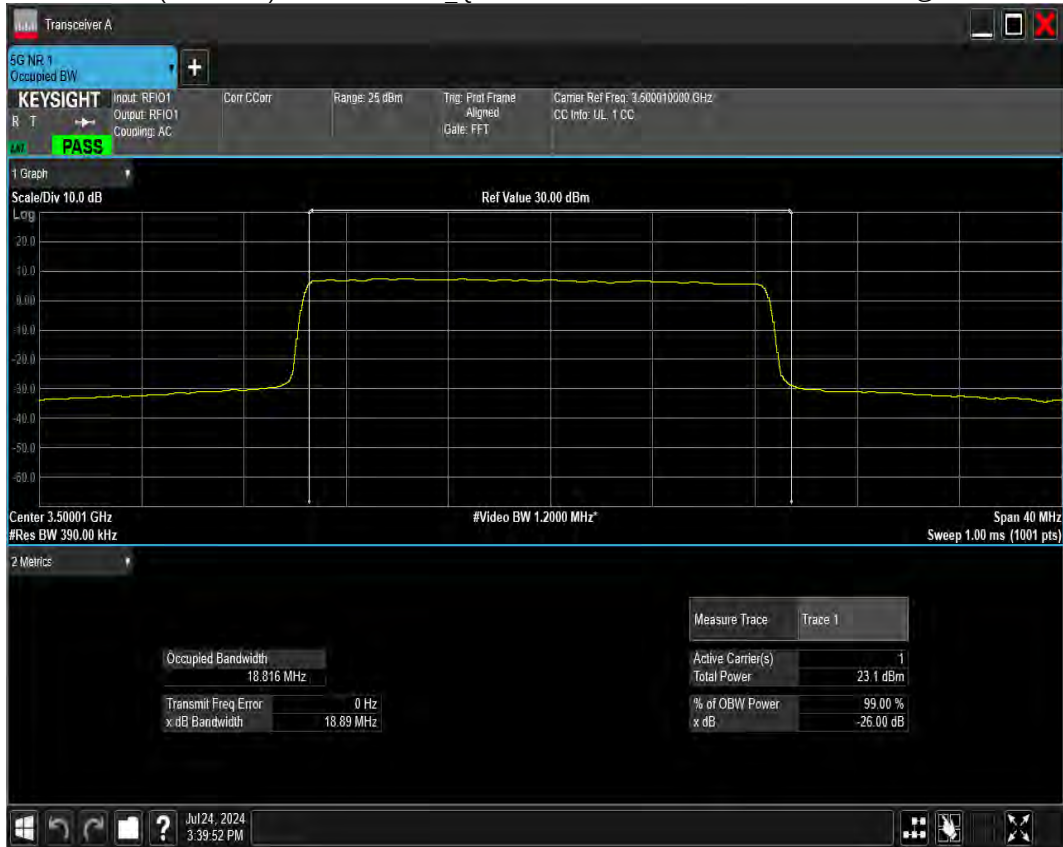
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=20MHz Channel=633334 RB=100@0



n77(3450-3550) SCS=15kHz DFT_QAM64 BW=20MHz Channel=633334 RB=100@0



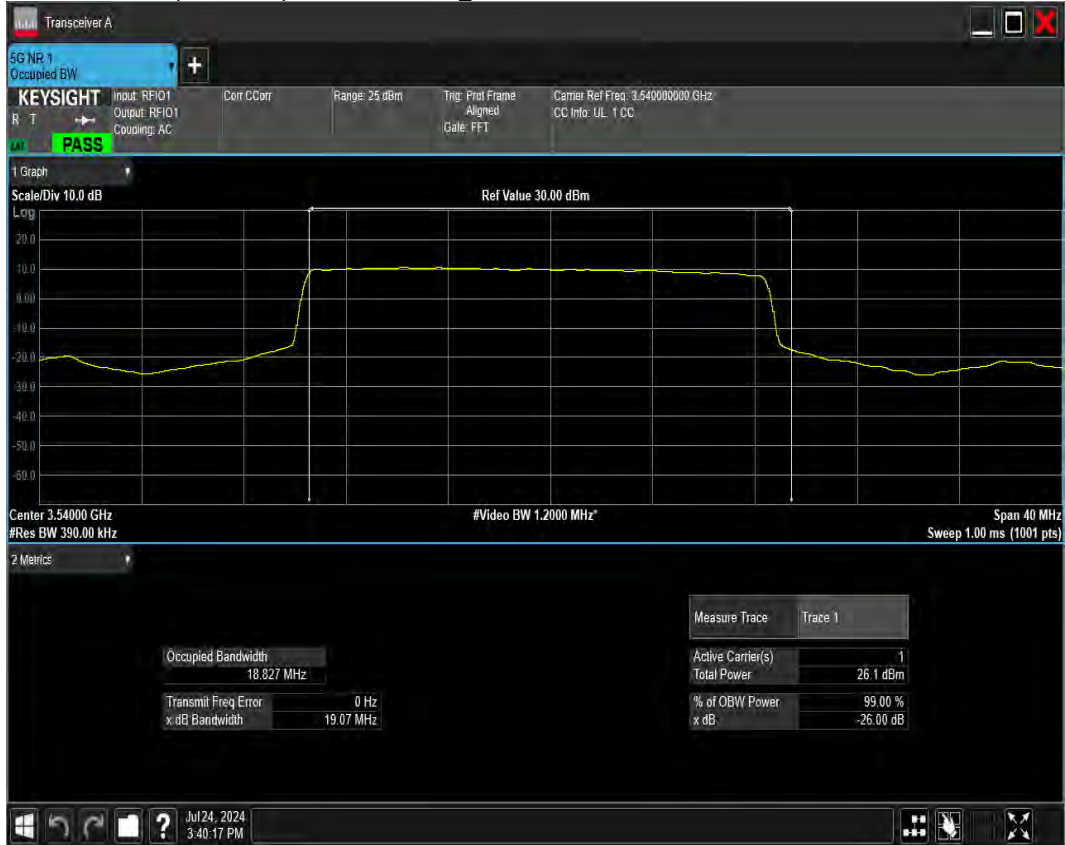
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=20MHz Channel=633334 RB=100@0



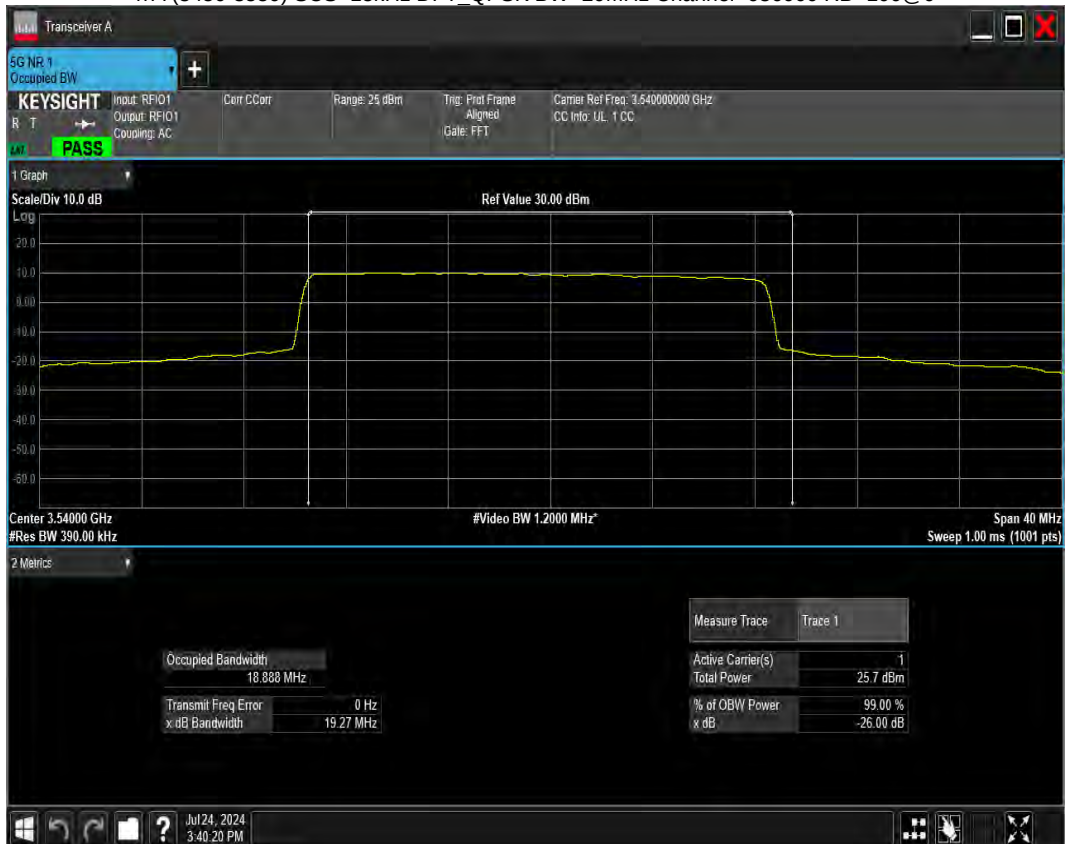
n77(3450-3550) SCS=15kHz CP_QPSK BW=20MHz Channel=633334 RB=106@0



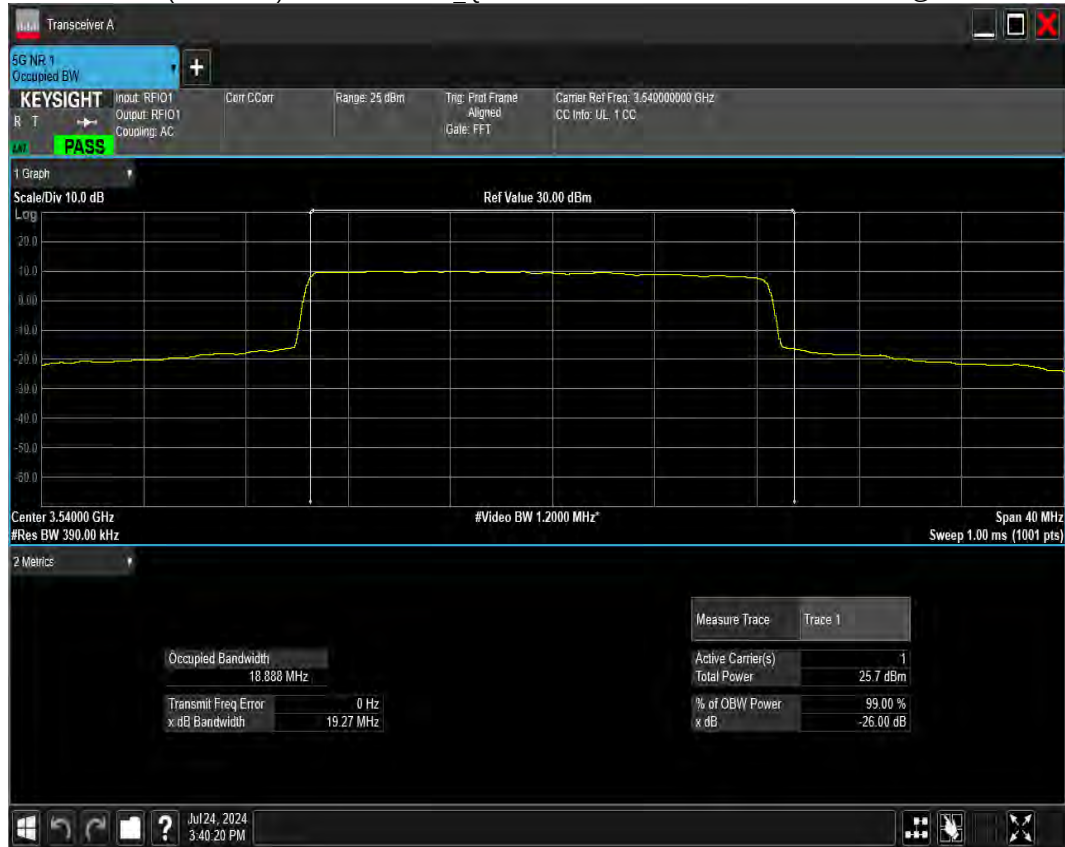
n77(3450-3550) SCS=15kHz DFT_BPSK BW=20MHz Channel=636000 RB=100@0



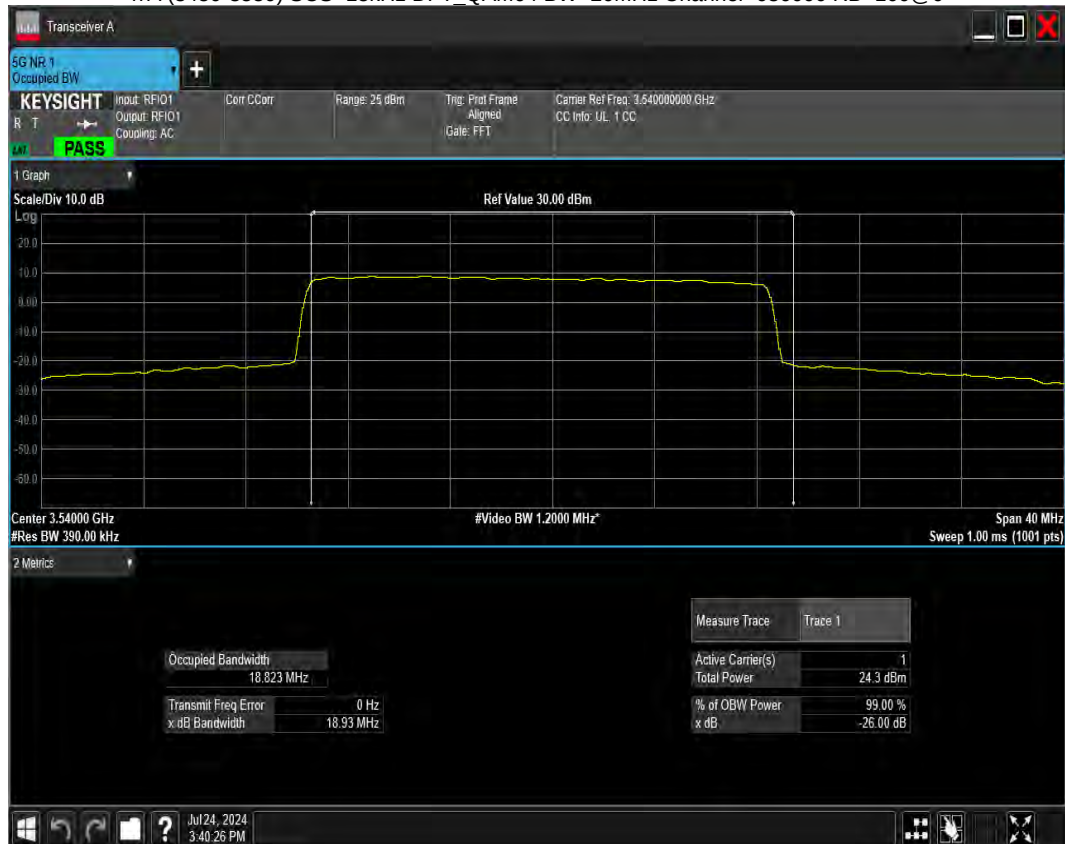
n77(3450-3550) SCS=15kHz DFT_QPSK BW=20MHz Channel=636000 RB=100@0



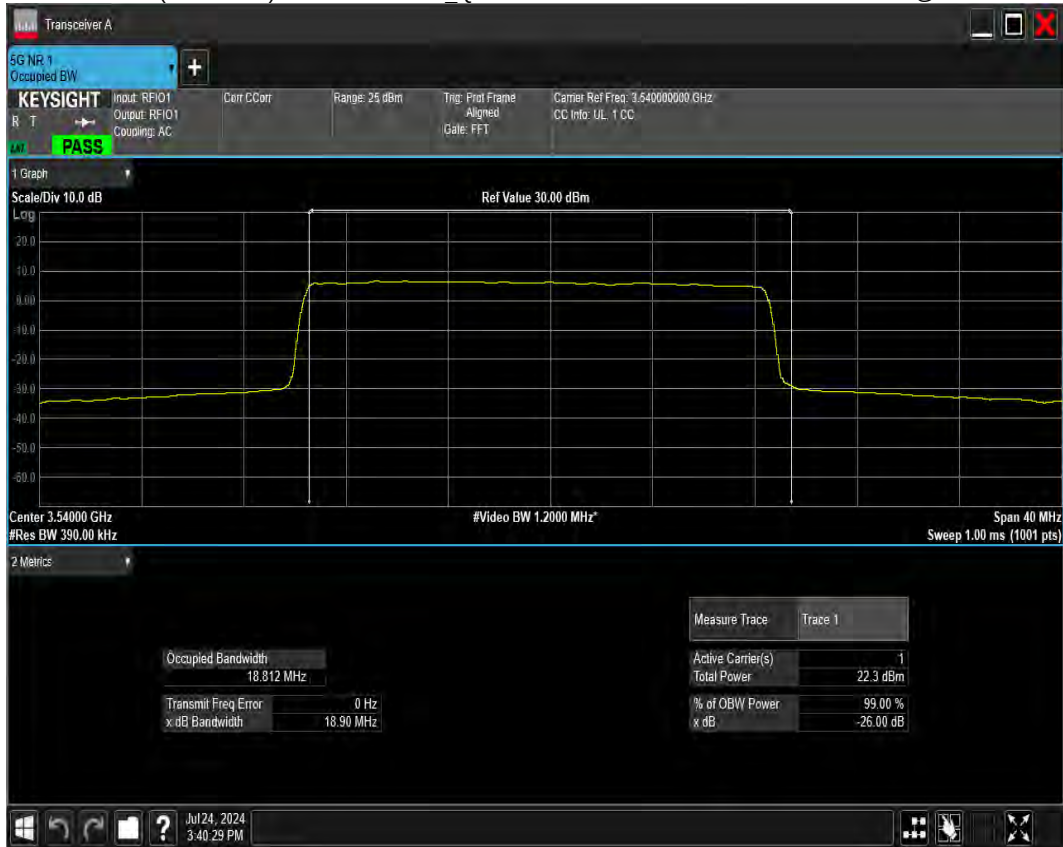
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=20MHz Channel=636000 RB=100@0



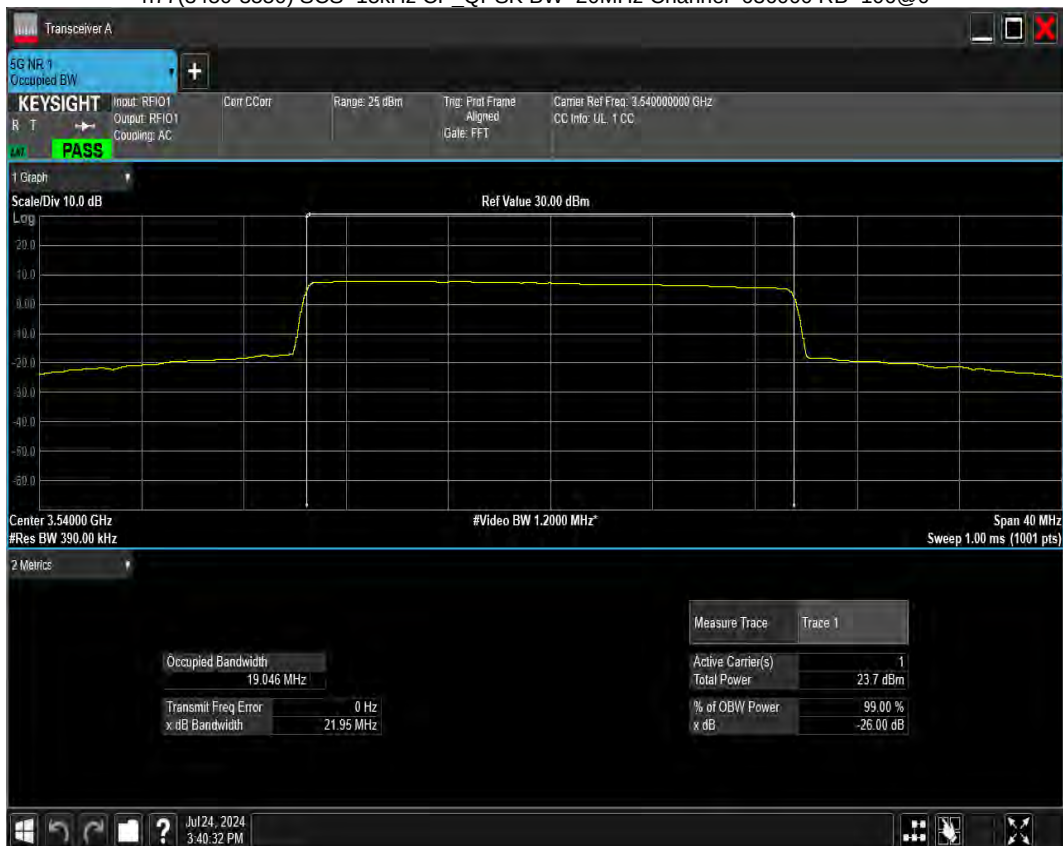
n77(3450-3550) SCS=15kHz DFT_QAM64 BW=20MHz Channel=636000 RB=100@0



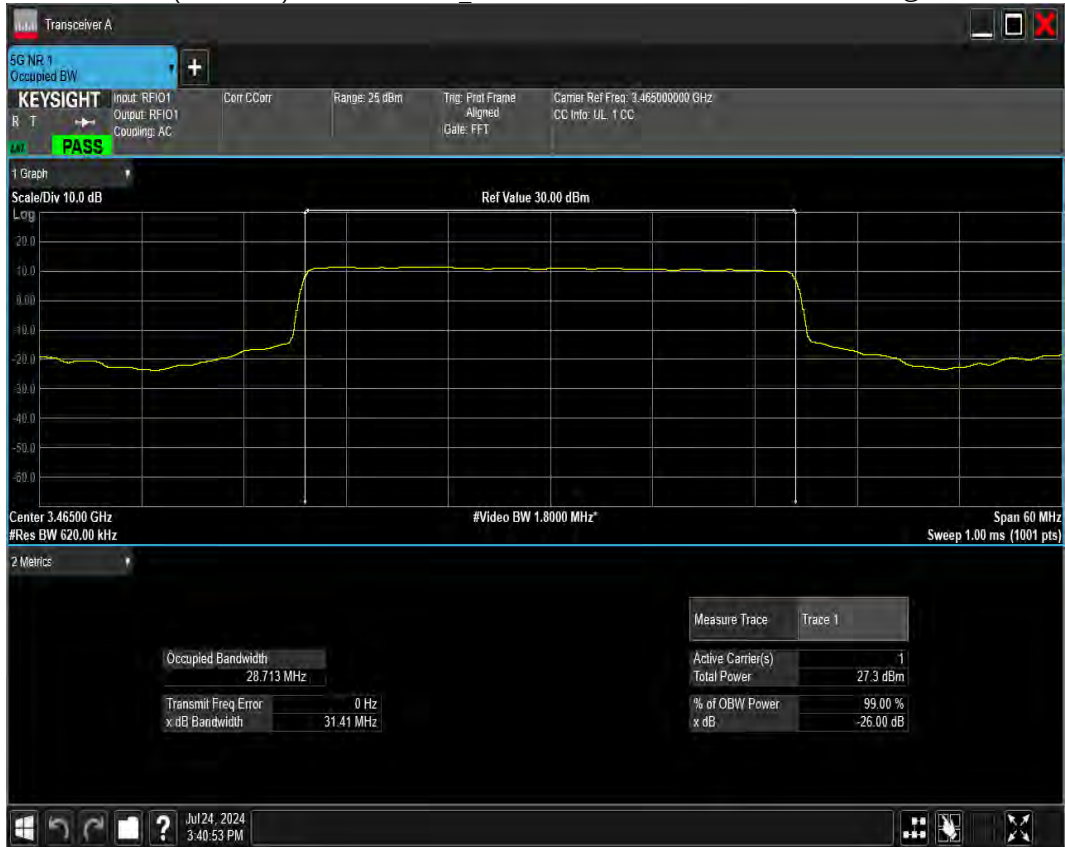
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=20MHz Channel=636000 RB=100@0



n77(3450-3550) SCS=15kHz CP_QPSK BW=20MHz Channel=636000 RB=106@0

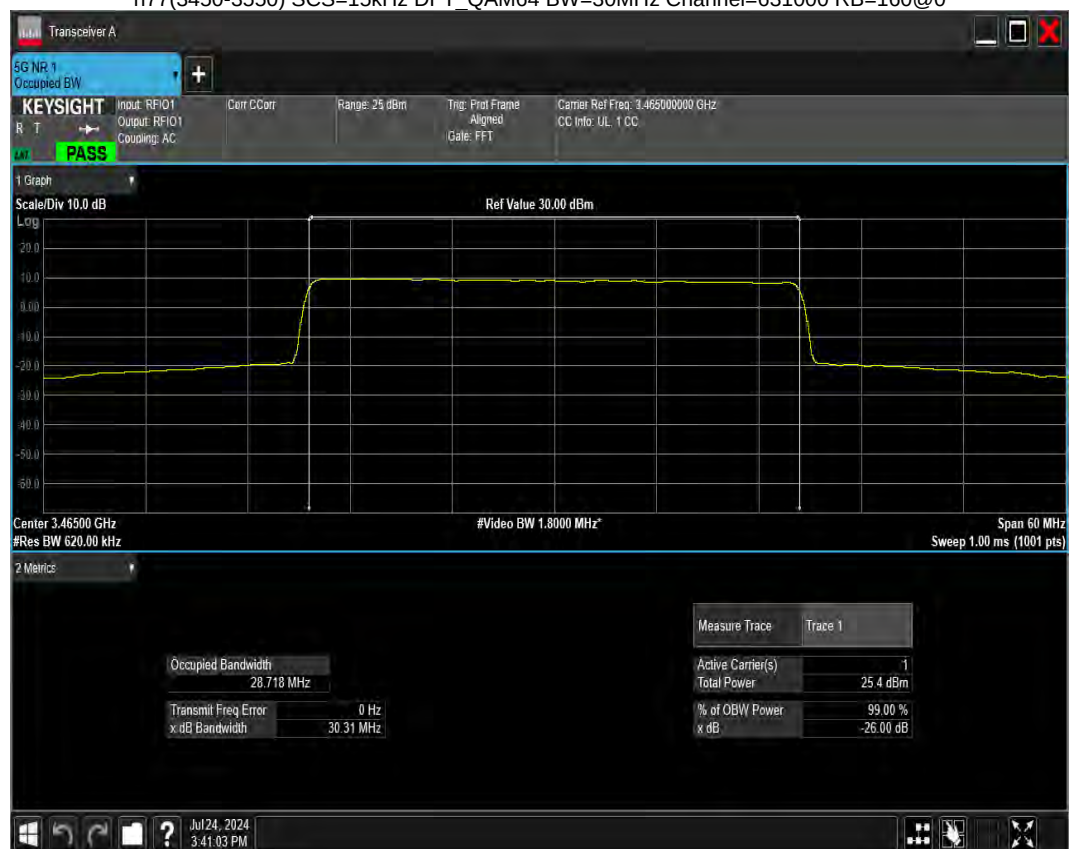
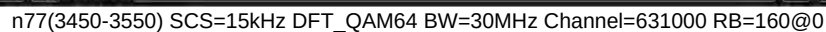


n77(3450-3550) SCS=15kHz DFT_BPSK BW=30MHz Channel=631000 RB=160@0

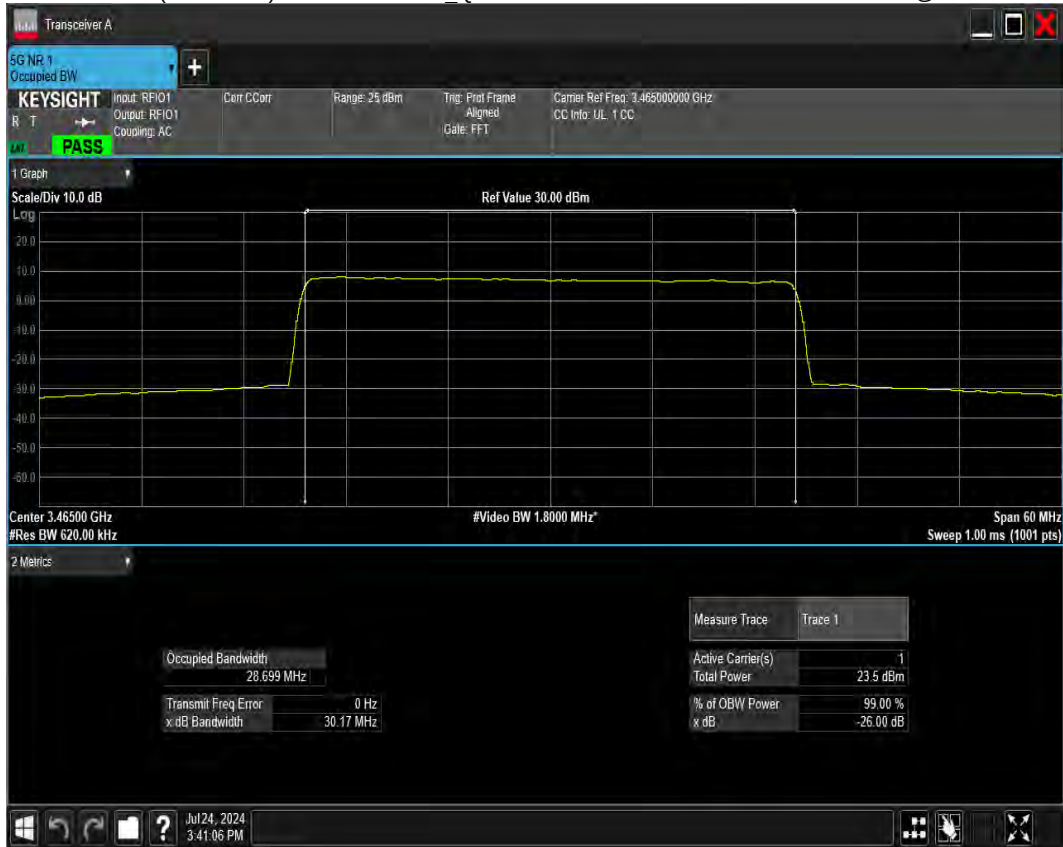


n77(3450-3550) SCS=15kHz DFT_QPSK BW=30MHz Channel=631000 RB=160@0





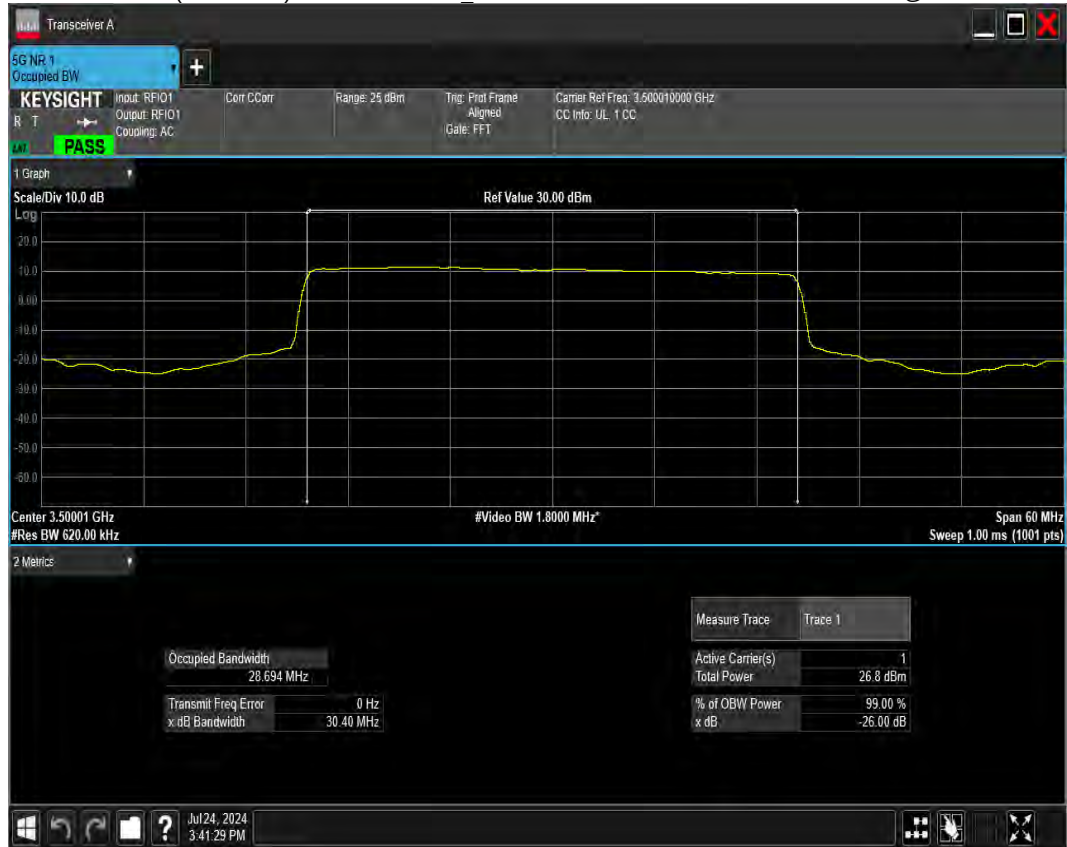
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=30MHz Channel=631000 RB=160@0



n77(3450-3550) SCS=15kHz CP_QPSK BW=30MHz Channel=631000 RB=160@0



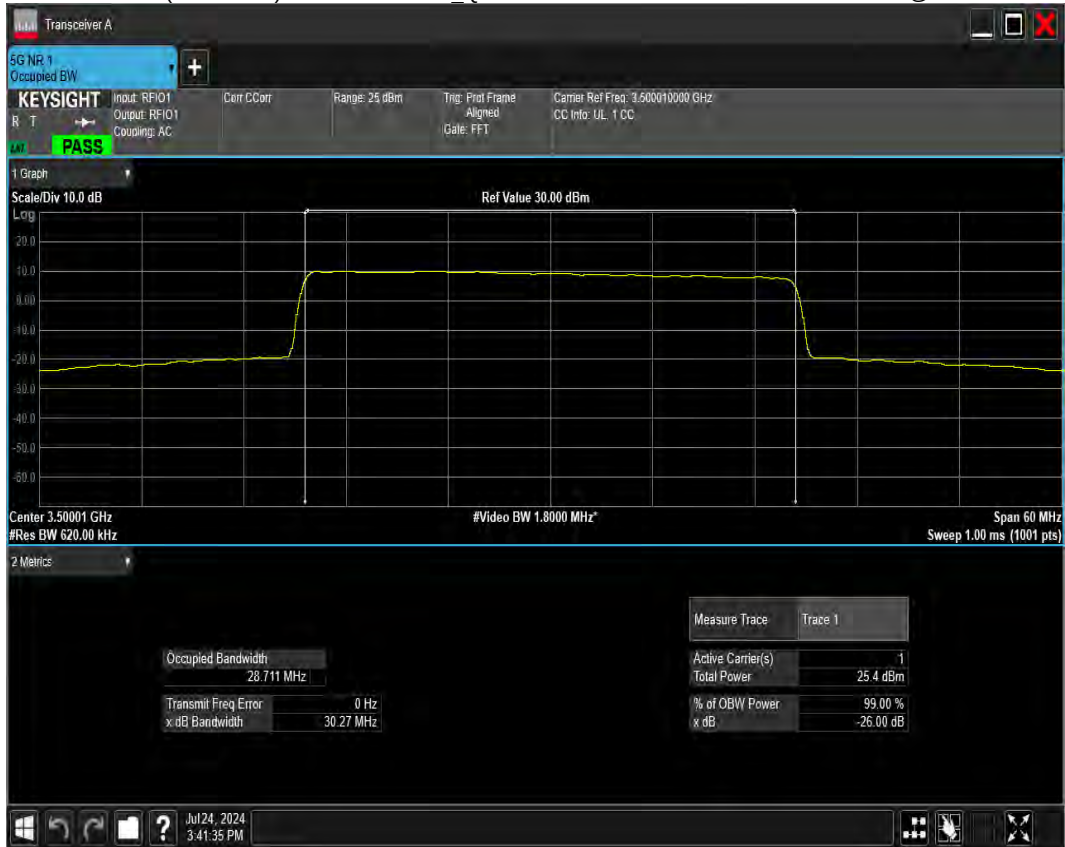
n77(3450-3550) SCS=15kHz DFT_BPSK BW=30MHz Channel=633334 RB=160@0



n77(3450-3550) SCS=15kHz DFT_QPSK BW=30MHz Channel=633334 RB=160@0



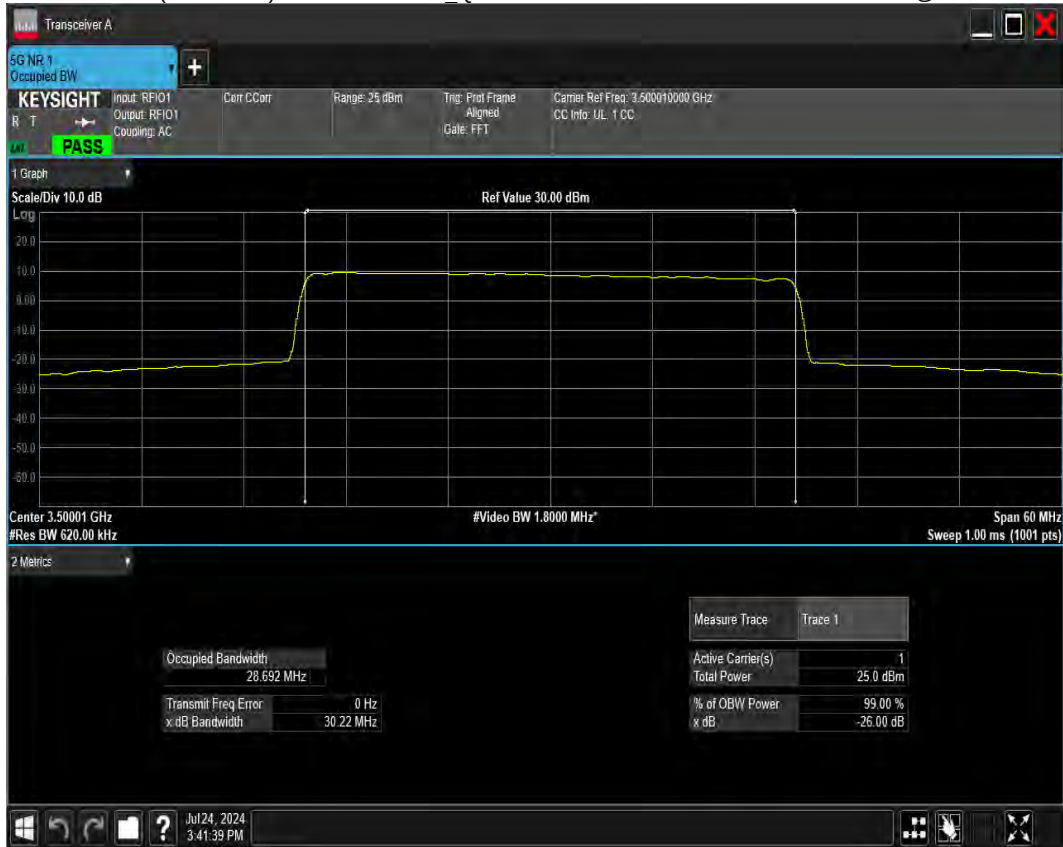
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=30MHz Channel=633334 RB=160@0



n77(3450-3550) SCS=15kHz DFT_QAM64 BW=30MHz Channel=633334 RB=160@0



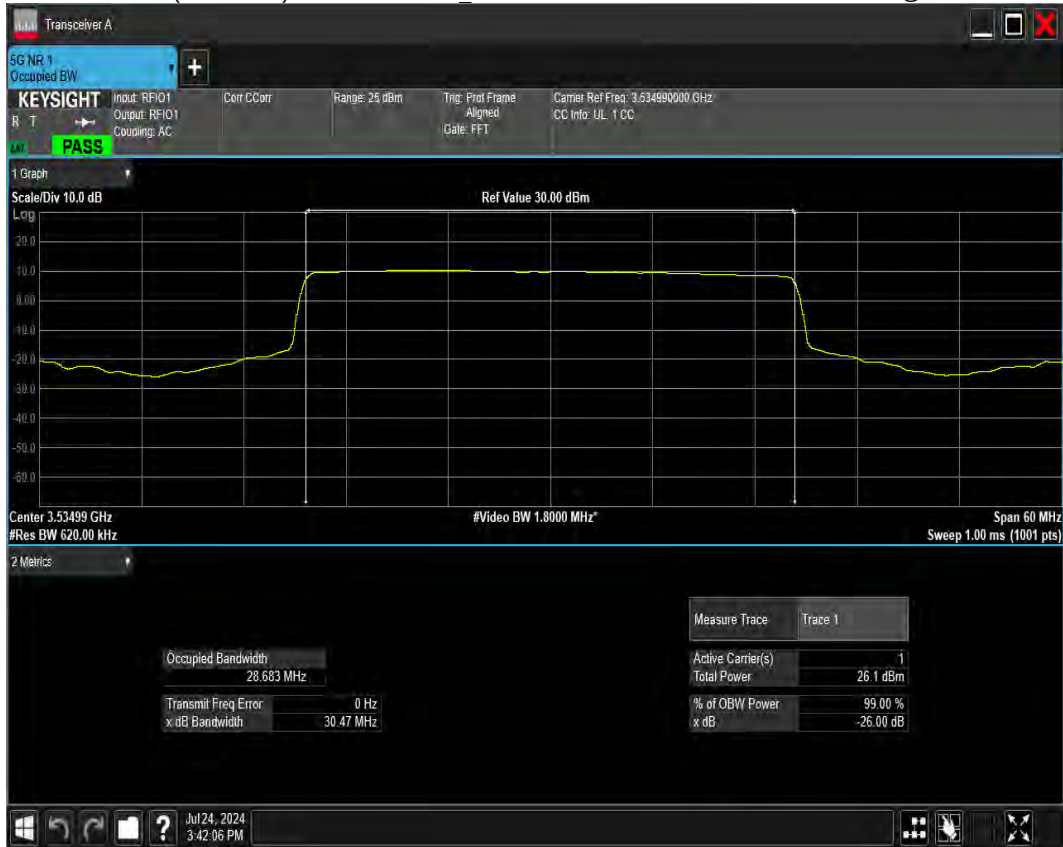
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=30MHz Channel=633334 RB=160@0



n77(3450-3550) SCS=15kHz CP_QPSK BW=30MHz Channel=633334 RB=160@0



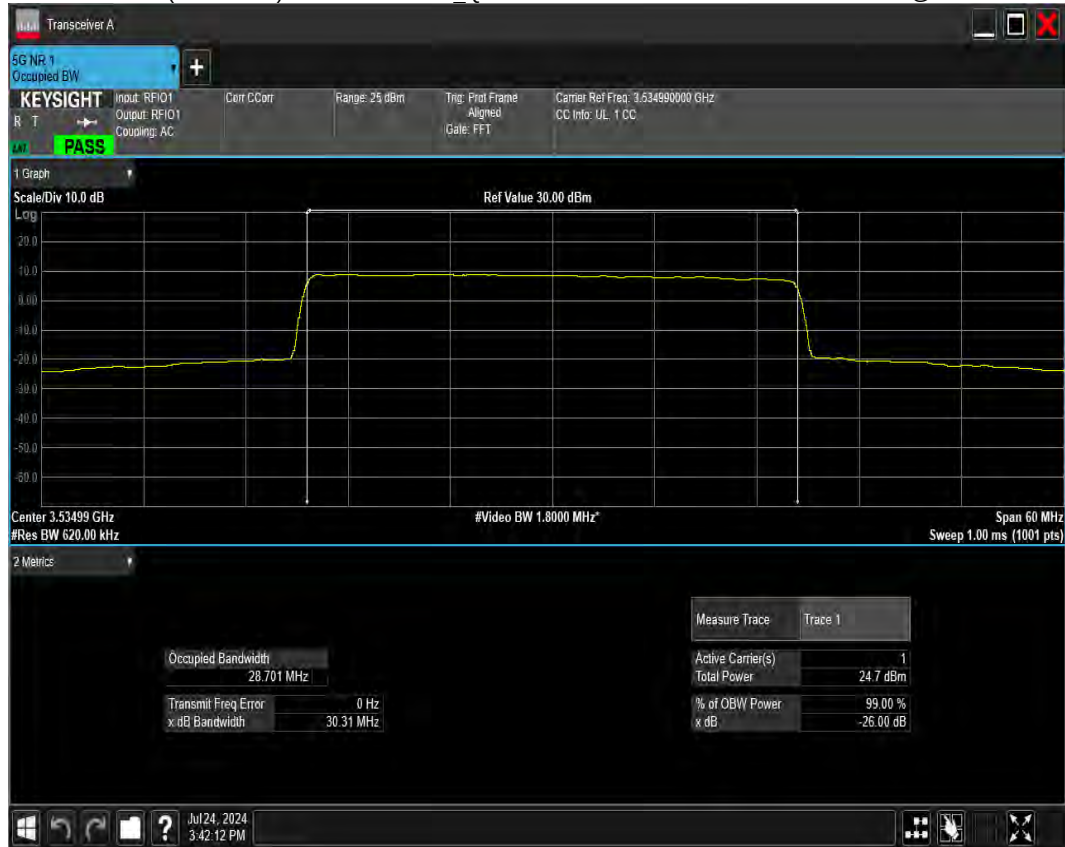
n77(3450-3550) SCS=15kHz DFT_BPSK BW=30MHz Channel=635666 RB=160@0



n77(3450-3550) SCS=15kHz DFT_QPSK BW=30MHz Channel=635666 RB=160@0



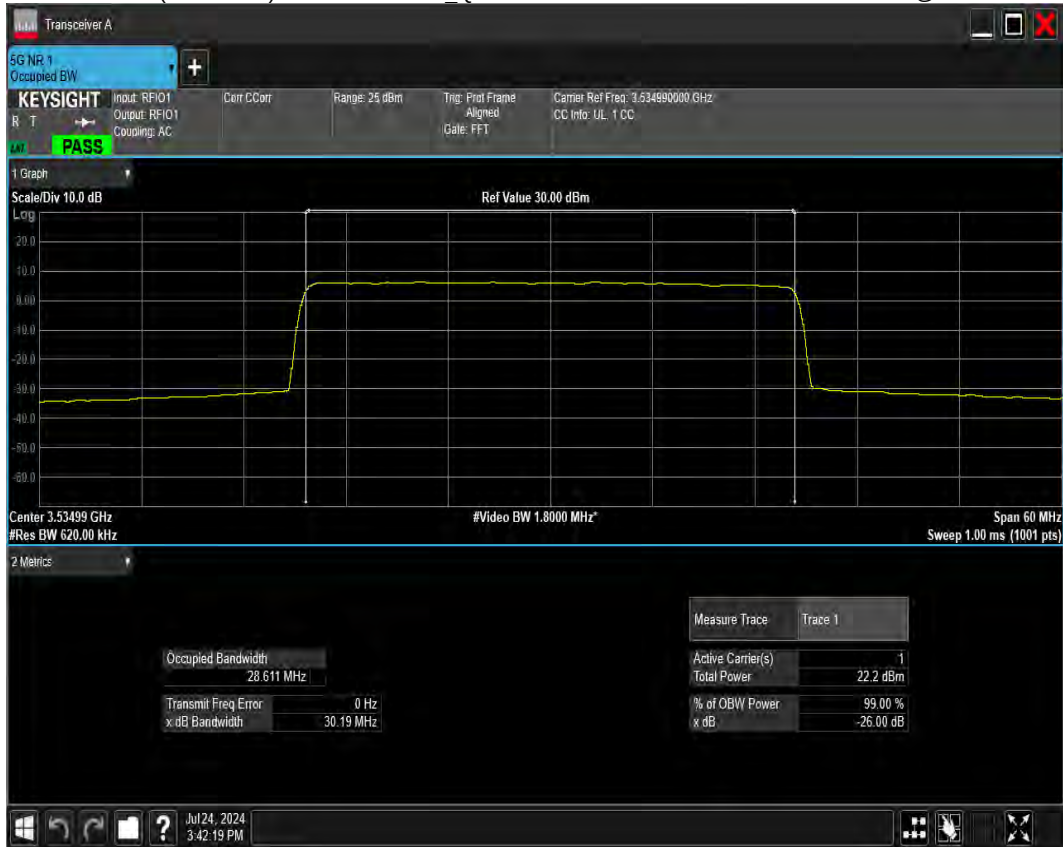
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=30MHz Channel=635666 RB=160@0



n77(3450-3550) SCS=15kHz DFT_QAM64 BW=30MHz Channel=635666 RB=160@0



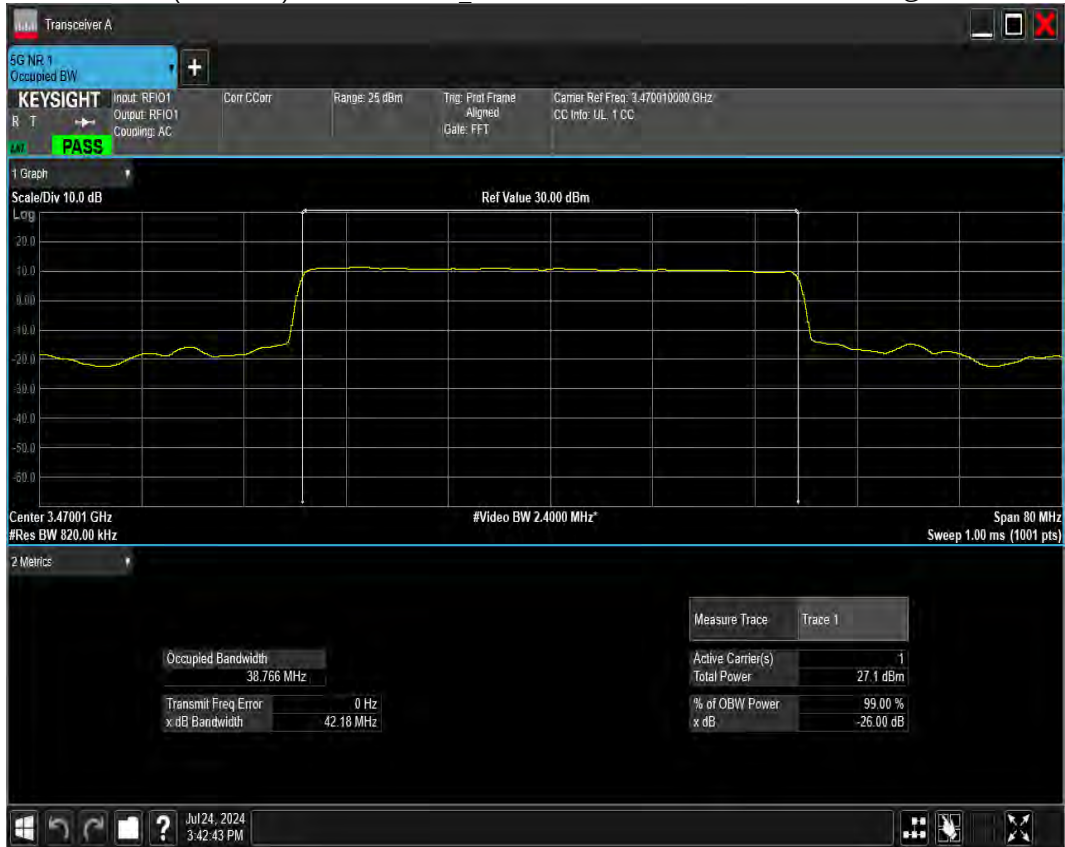
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n77(3450-3550) SCS=15kHz CP_QPSK BW=30MHz Channel=635666 RB=160@0



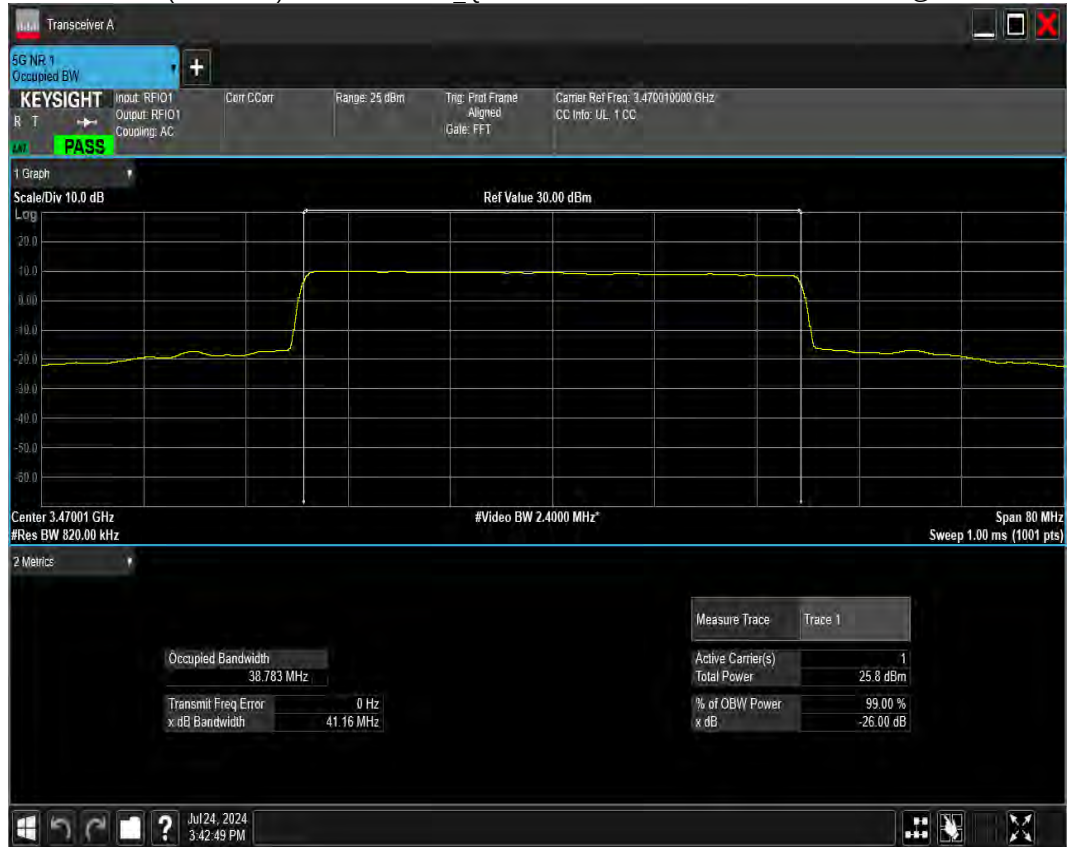
n77(3450-3550) SCS=15kHz DFT_BPSK BW=40MHz Channel=631334 RB=216@0



n77(3450-3550) SCS=15kHz DFT_QPSK BW=40MHz Channel=631334 RB=216@0



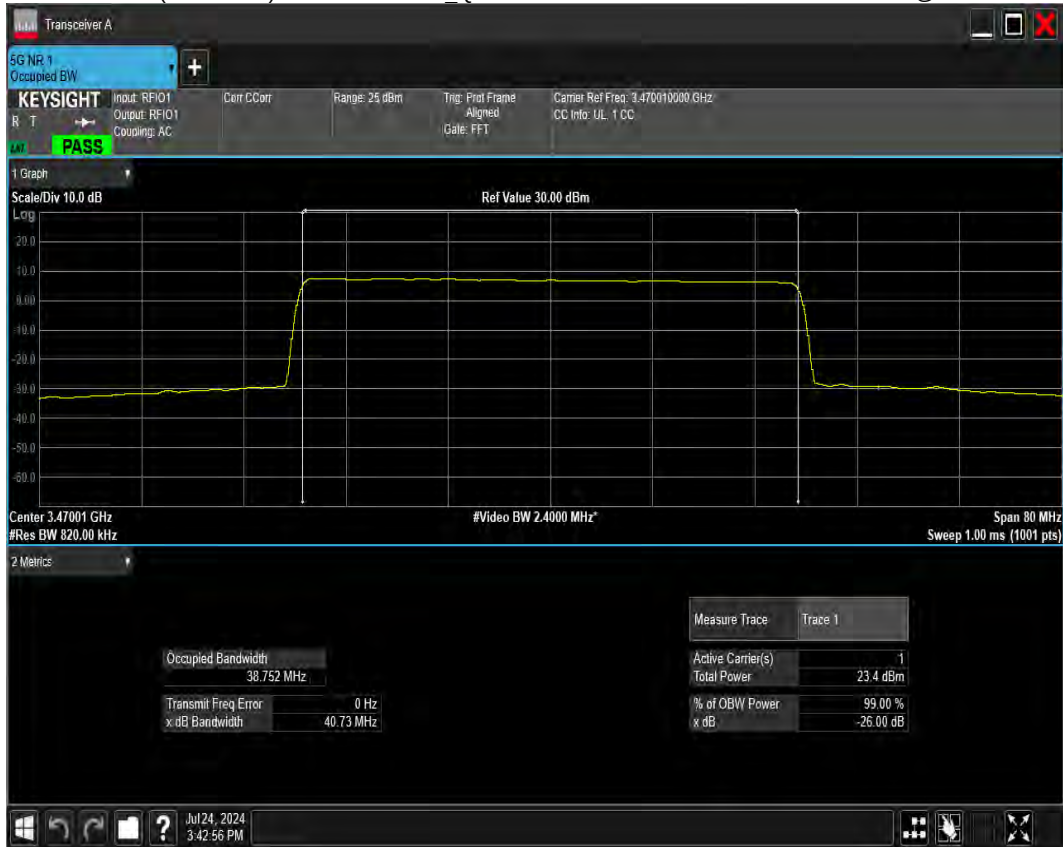
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n77(3450-3550) SCS=15kHz DFT_QAM64 BW=40MHz Channel=631334 RB=216@0



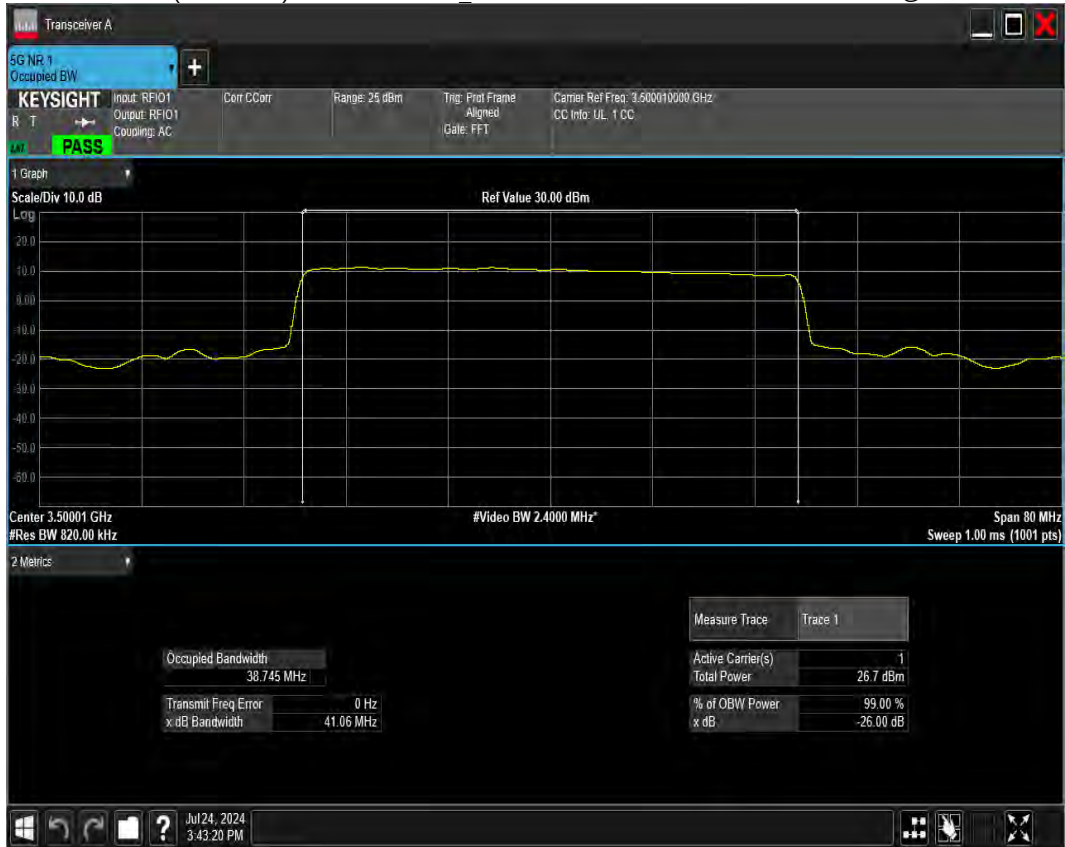
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n77(3450-3550) SCS=15kHz CP_QPSK BW=40MHz Channel=631334 RB=216@0



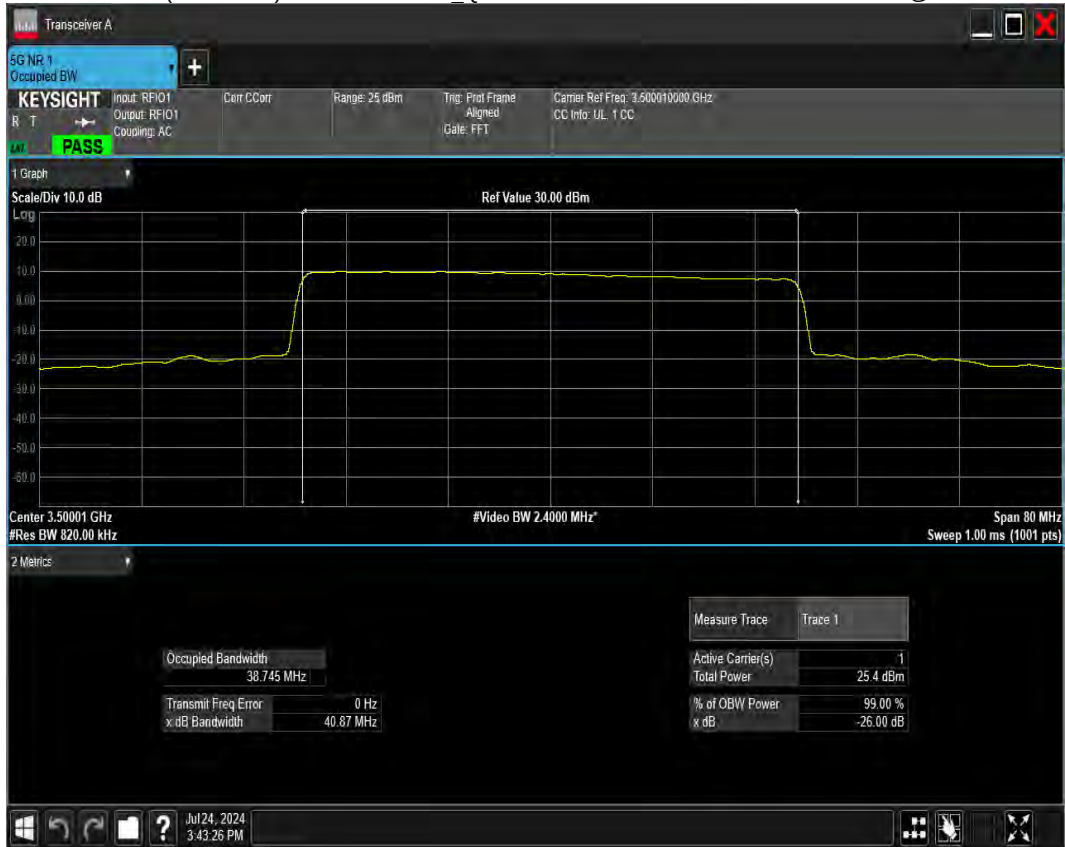
n77(3450-3550) SCS=15kHz DFT_BPSK BW=40MHz Channel=633334 RB=216@0



n77(3450-3550) SCS=15kHz DFT_QPSK BW=40MHz Channel=633334 RB=216@0



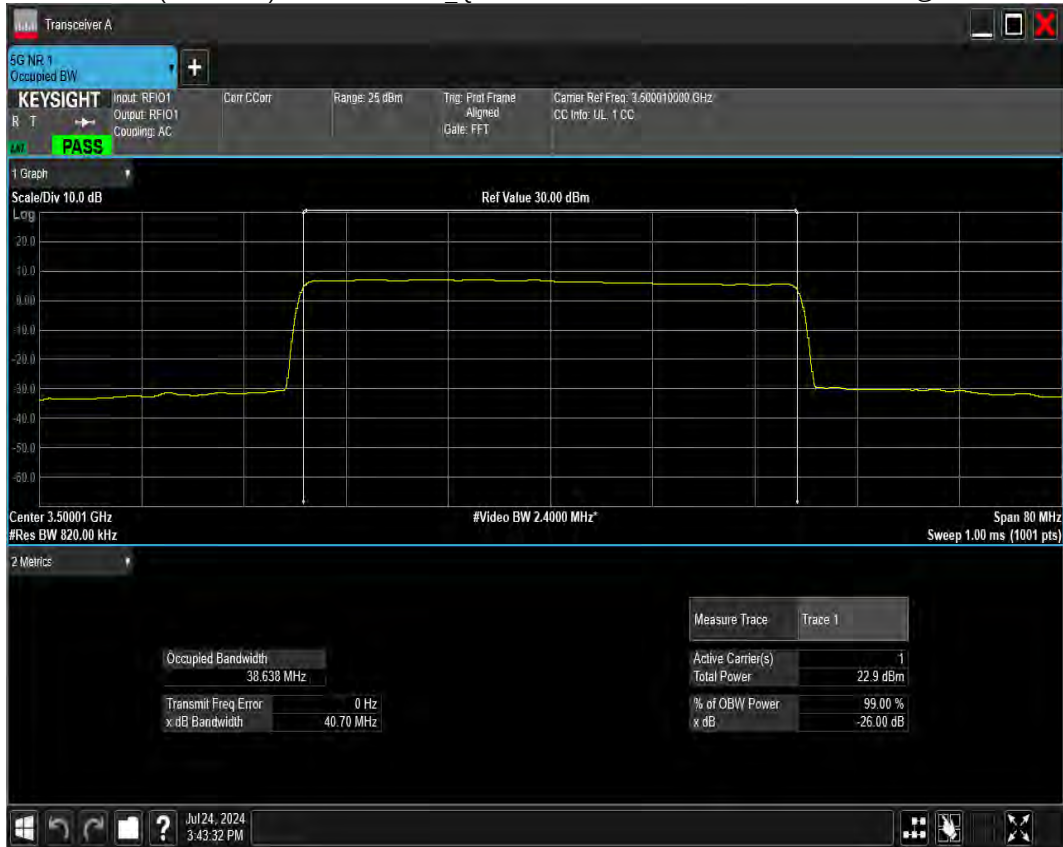
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=40MHz Channel=633334 RB=216@0



n77(3450-3550) SCS=15kHz DFT_QAM64 BW=40MHz Channel=633334 RB=216@0



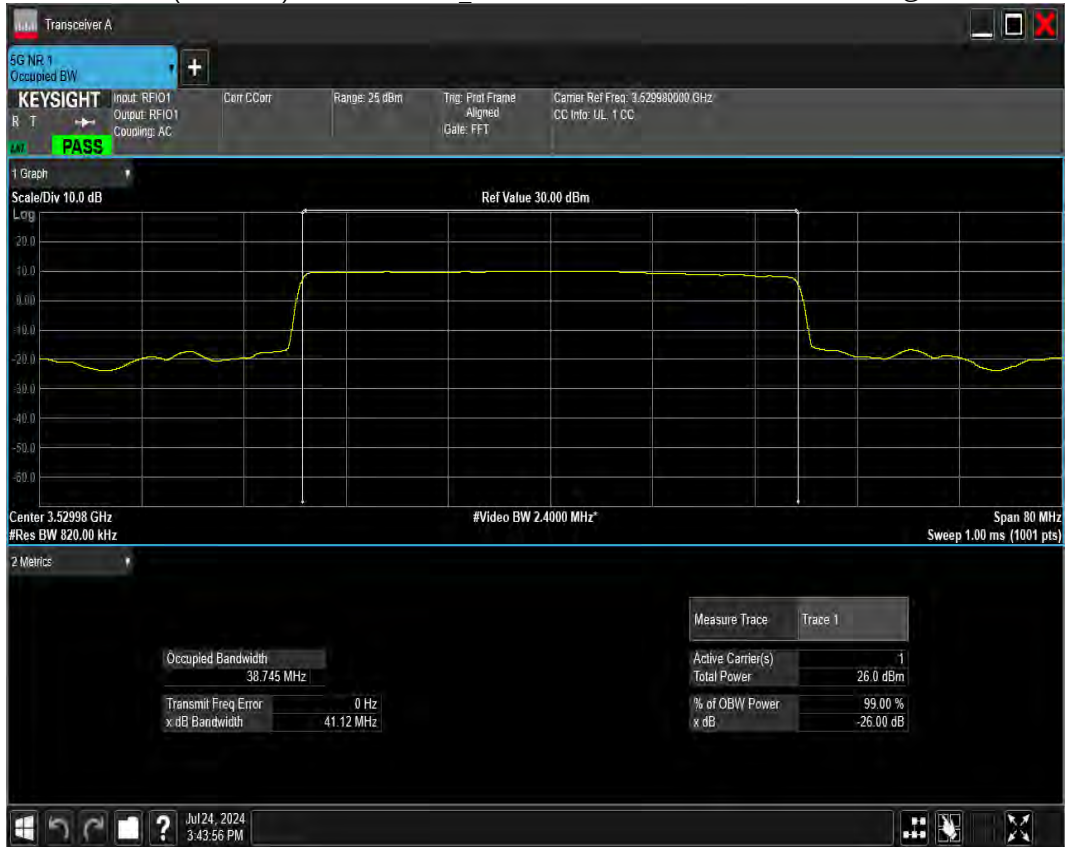
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=40MHz Channel=633334 RB=216@0



n77(3450-3550) SCS=15kHz CP_QPSK BW=40MHz Channel=633334 RB=216@0



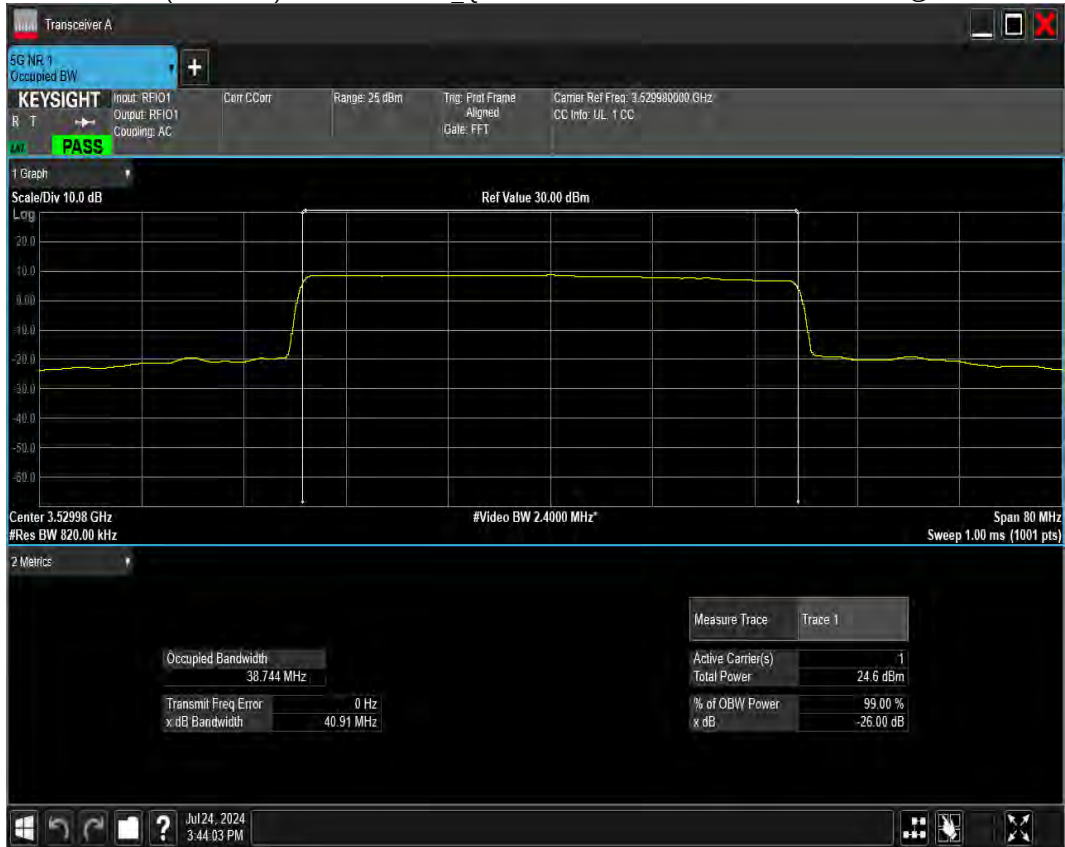
n77(3450-3550) SCS=15kHz DFT_BPSK BW=40MHz Channel=635332 RB=216@0



n77(3450-3550) SCS=15kHz DFT_QPSK BW=40MHz Channel=635332 RB=216@0



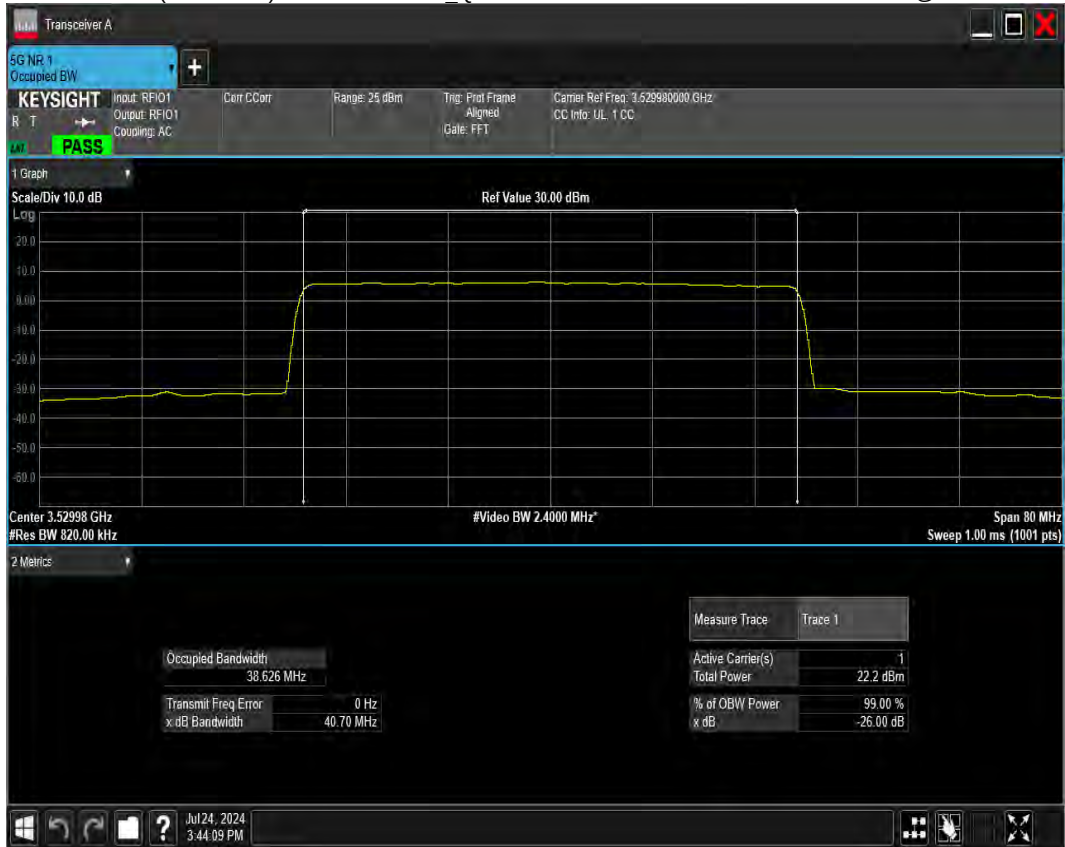
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=40MHz Channel=635332 RB=216@0



n77(3450-3550) SCS=15kHz DFT_QAM64 BW=40MHz Channel=635332 RB=216@0



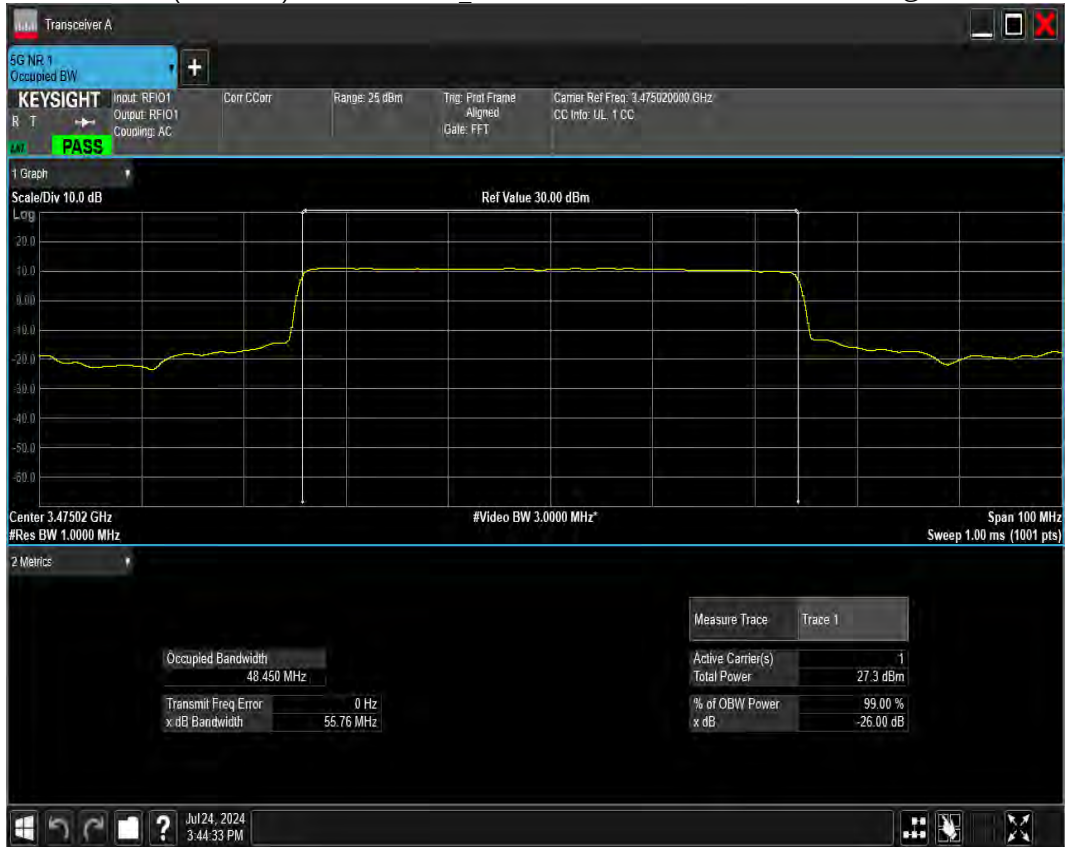
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=40MHz Channel=635332 RB=216@0



n77(3450-3550) SCS=15kHz CP_QPSK BW=40MHz Channel=635332 RB=216@0



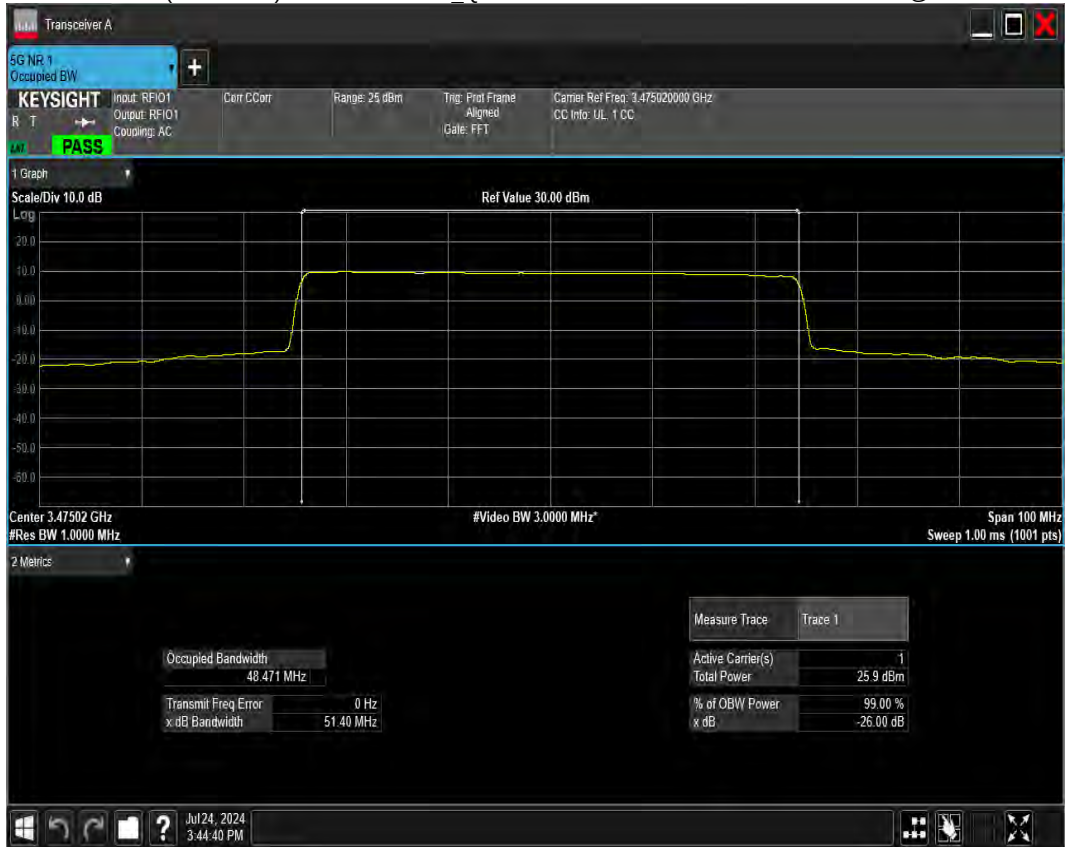
n77(3450-3550) SCS=15kHz DFT_BPSK BW=50MHz Channel=631668 RB=270@0



n77(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=631668 RB=270@0



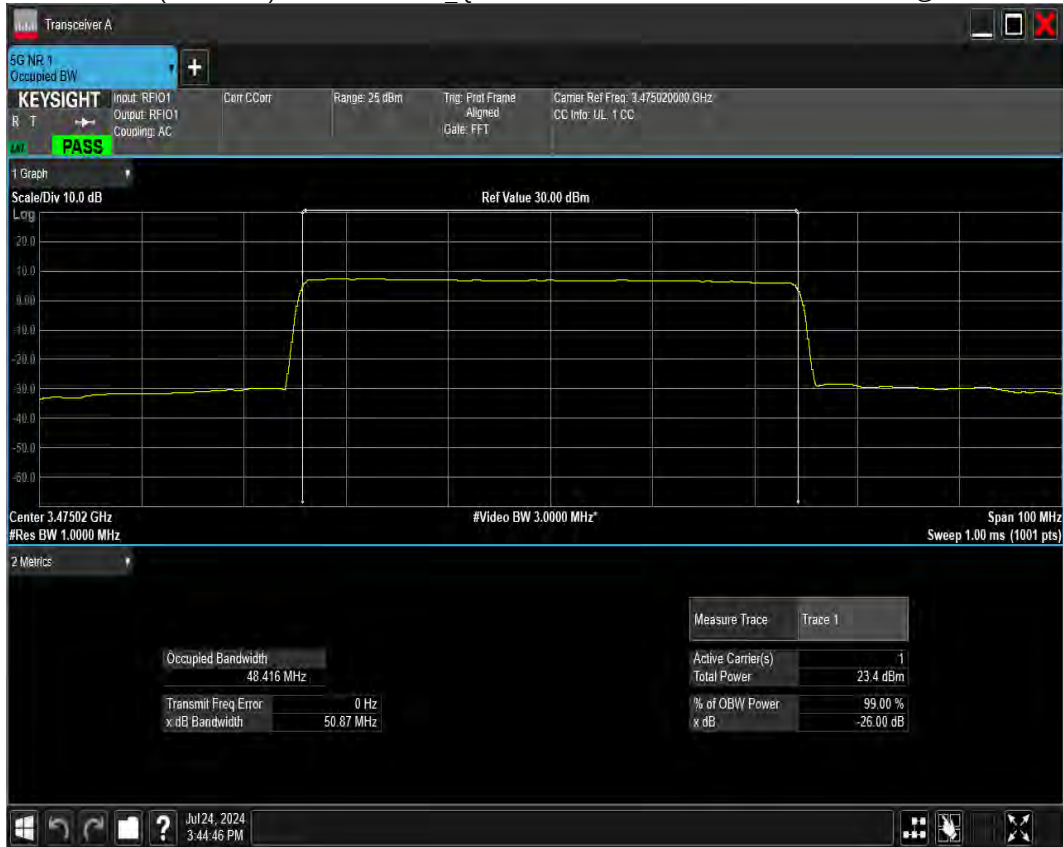
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=50MHz Channel=631668 RB=270@0



n77(3450-3550) SCS=15kHz DFT_QAM64 BW=50MHz Channel=631668 RB=270@0



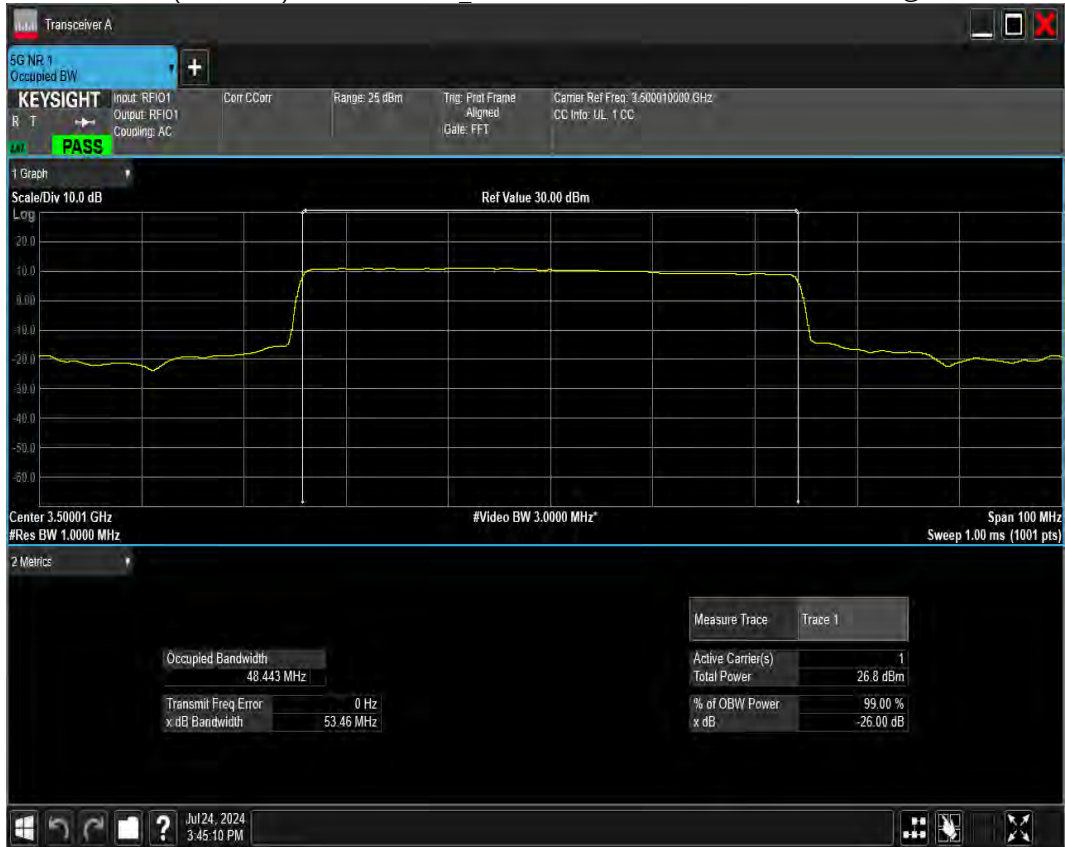
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=50MHz Channel=631668 RB=270@0



n77(3450-3550) SCS=15kHz CP_QPSK BW=50MHz Channel=631668 RB=270@0



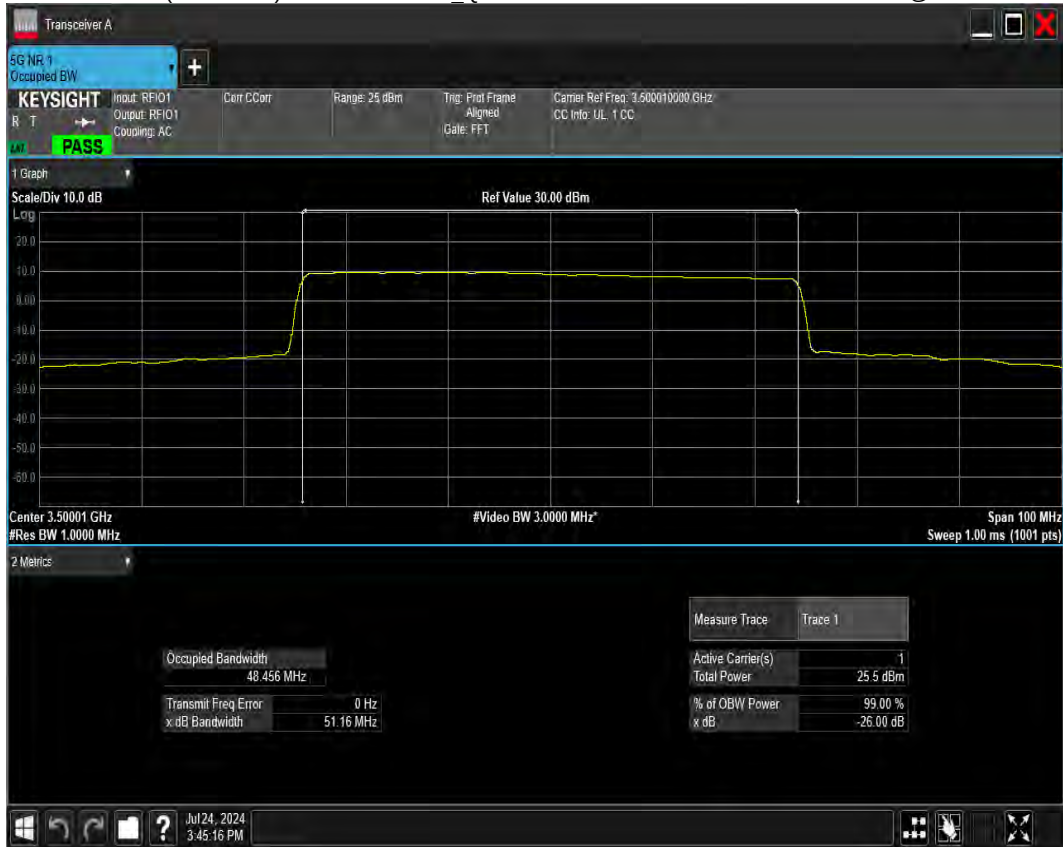
n77(3450-3550) SCS=15kHz DFT_BPSK BW=50MHz Channel=633334 RB=270@0



n77(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=633334 RB=270@0



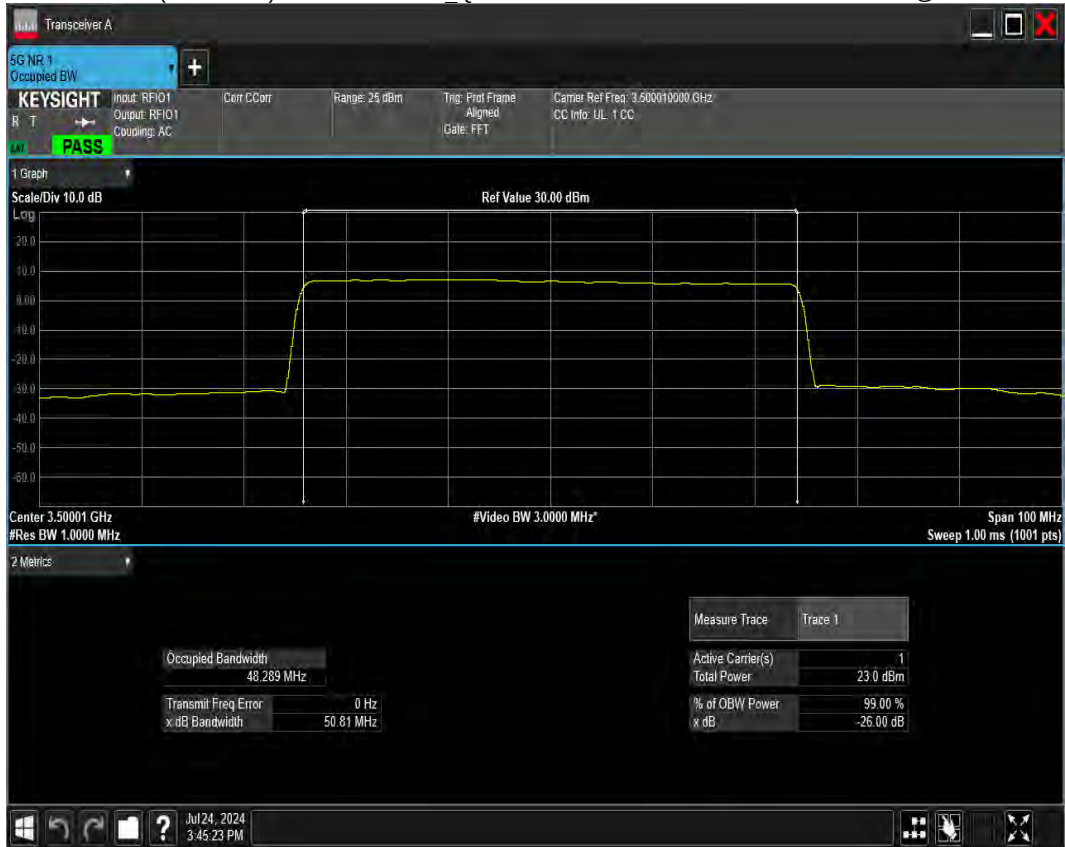
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=50MHz Channel=633334 RB=270@0



n77(3450-3550) SCS=15kHz DFT_QAM64 BW=50MHz Channel=633334 RB=270@0



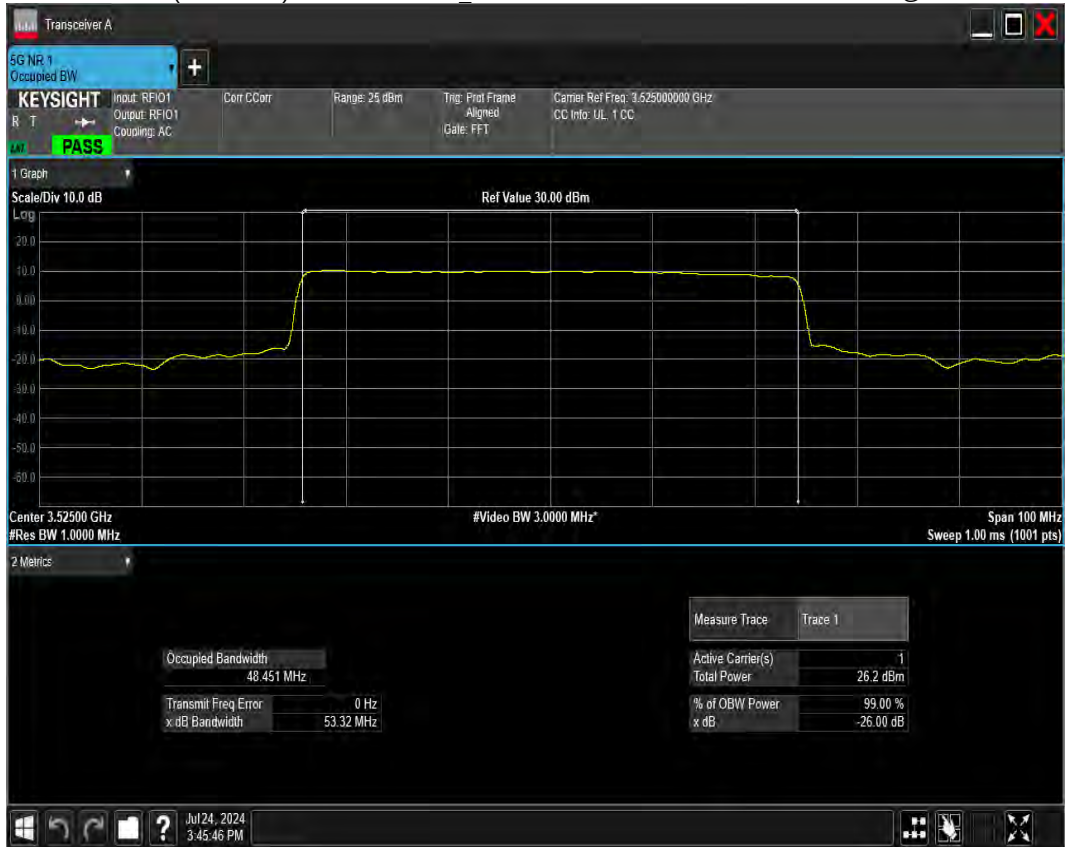
n77(3450-3550) SCS=15kHz DFT_QAM256 BW=50MHz Channel=633334 RB=270@0



n77(3450-3550) SCS=15kHz CP_QPSK BW=50MHz Channel=633334 RB=270@0



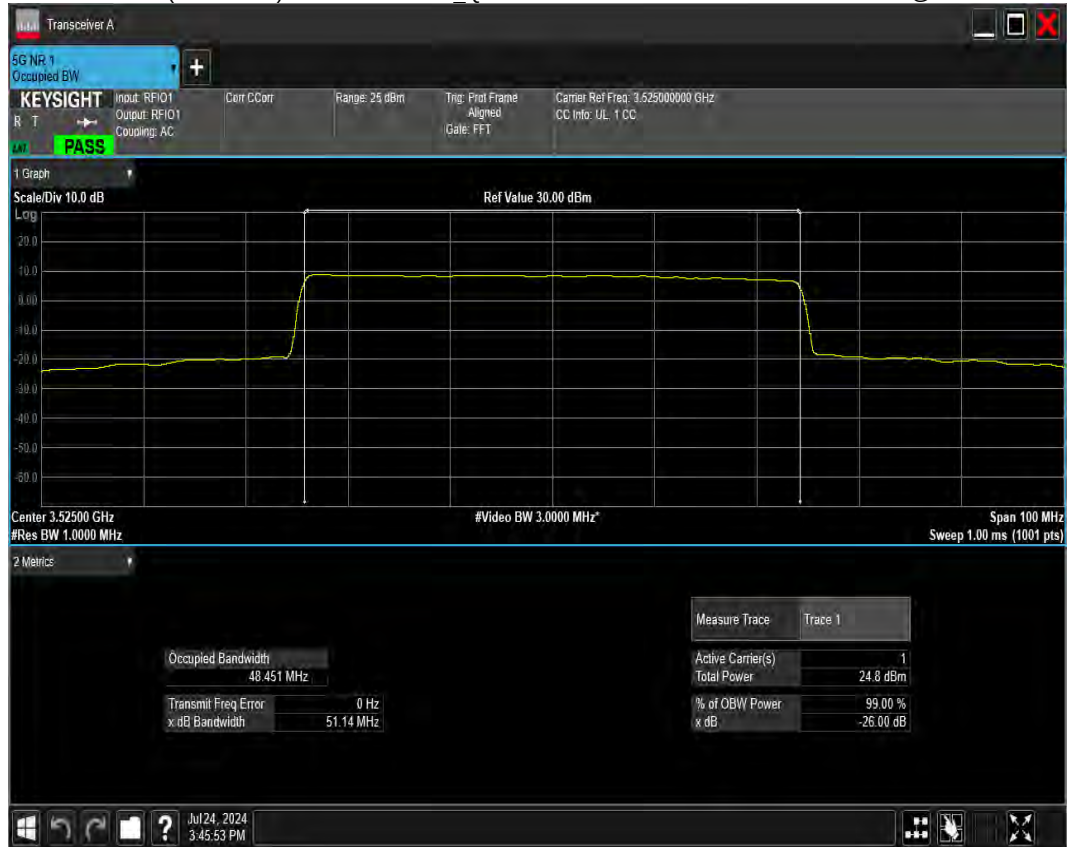
n77(3450-3550) SCS=15kHz DFT_BPSK BW=50MHz Channel=635000 RB=270@0



n77(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=635000 RB=270@0



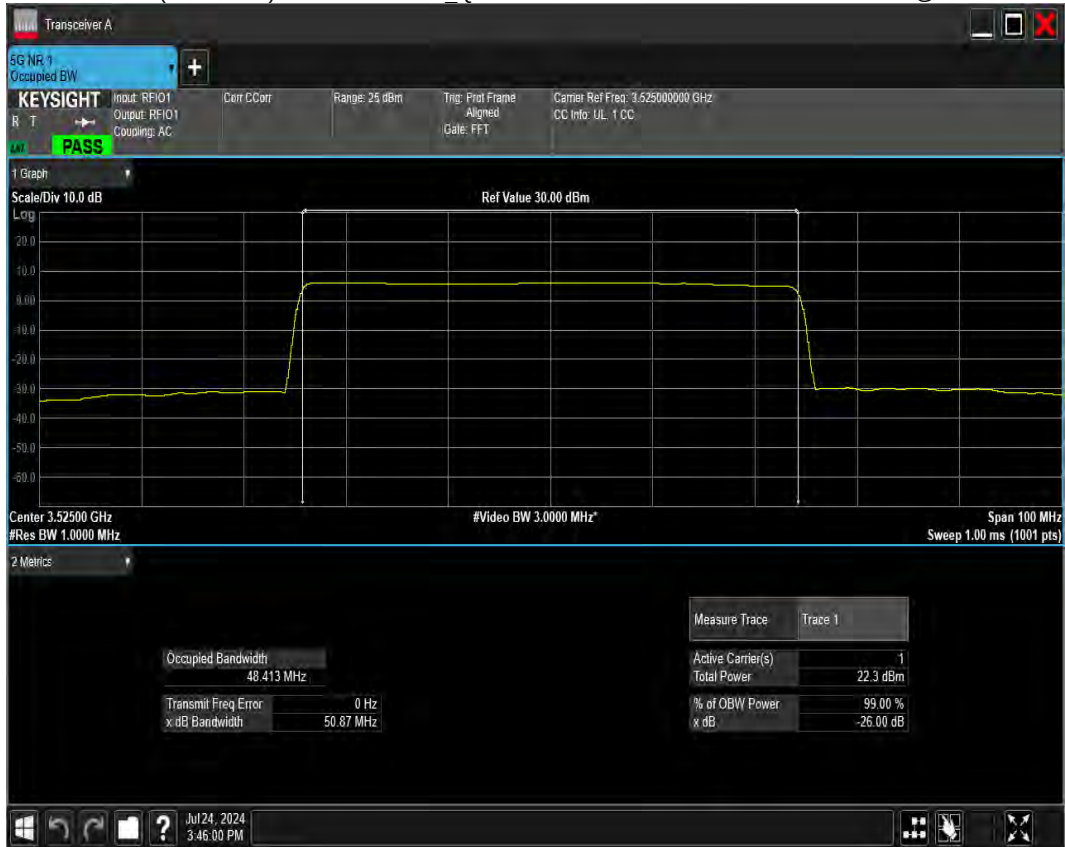
n77(3450-3550) SCS=15kHz DFT_QAM16 BW=50MHz Channel=635000 RB=270@0



n77(3450-3550) SCS=15kHz DFT_QAM64 BW=50MHz Channel=635000 RB=270@0



n77(3450-3550) SCS=15kHz DFT_QAM256 BW=50MHz Channel=635000 RB=270@0

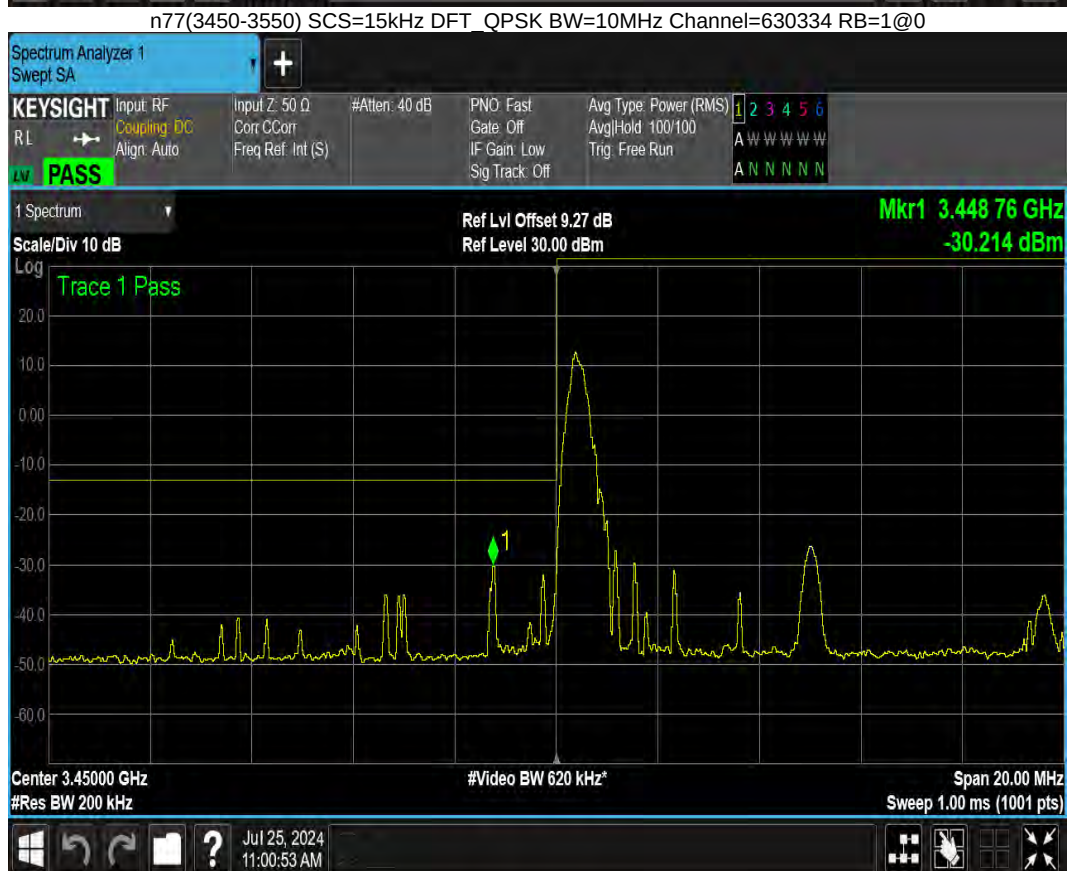


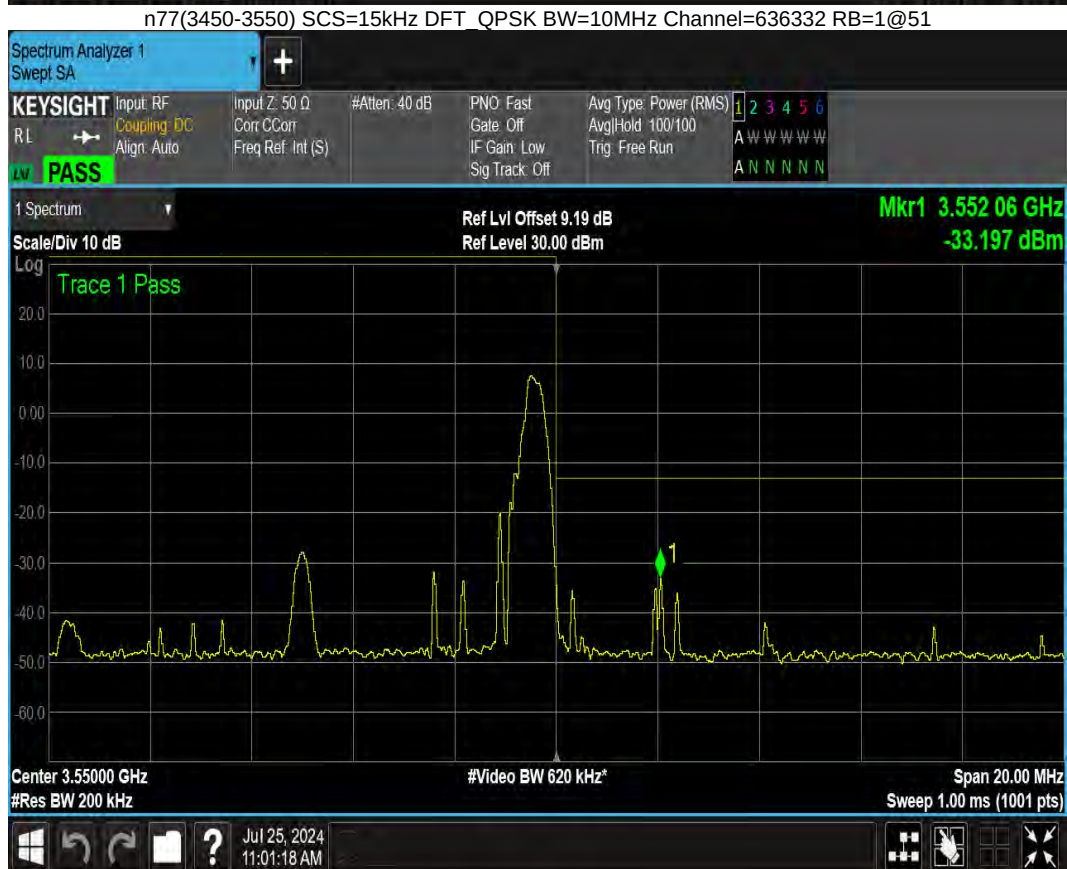
n77(3450-3550) SCS=15kHz CP_QPSK BW=50MHz Channel=635000 RB=270@0

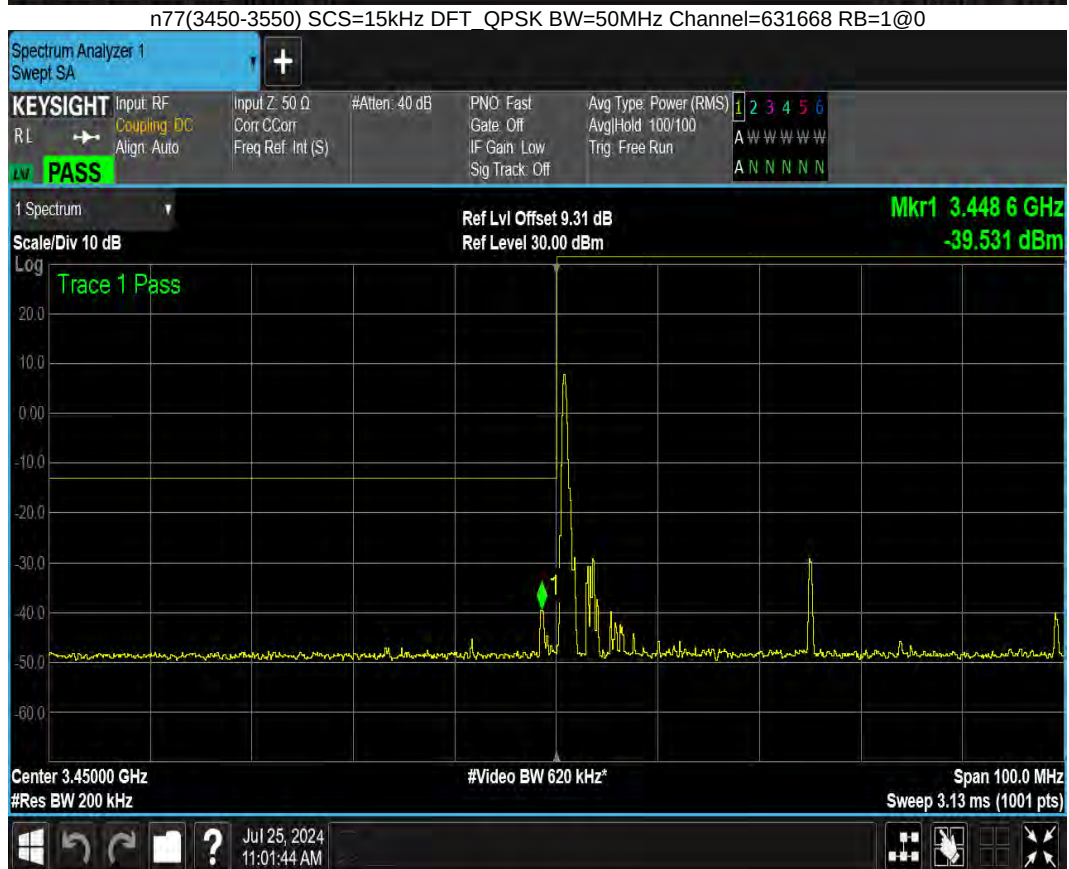
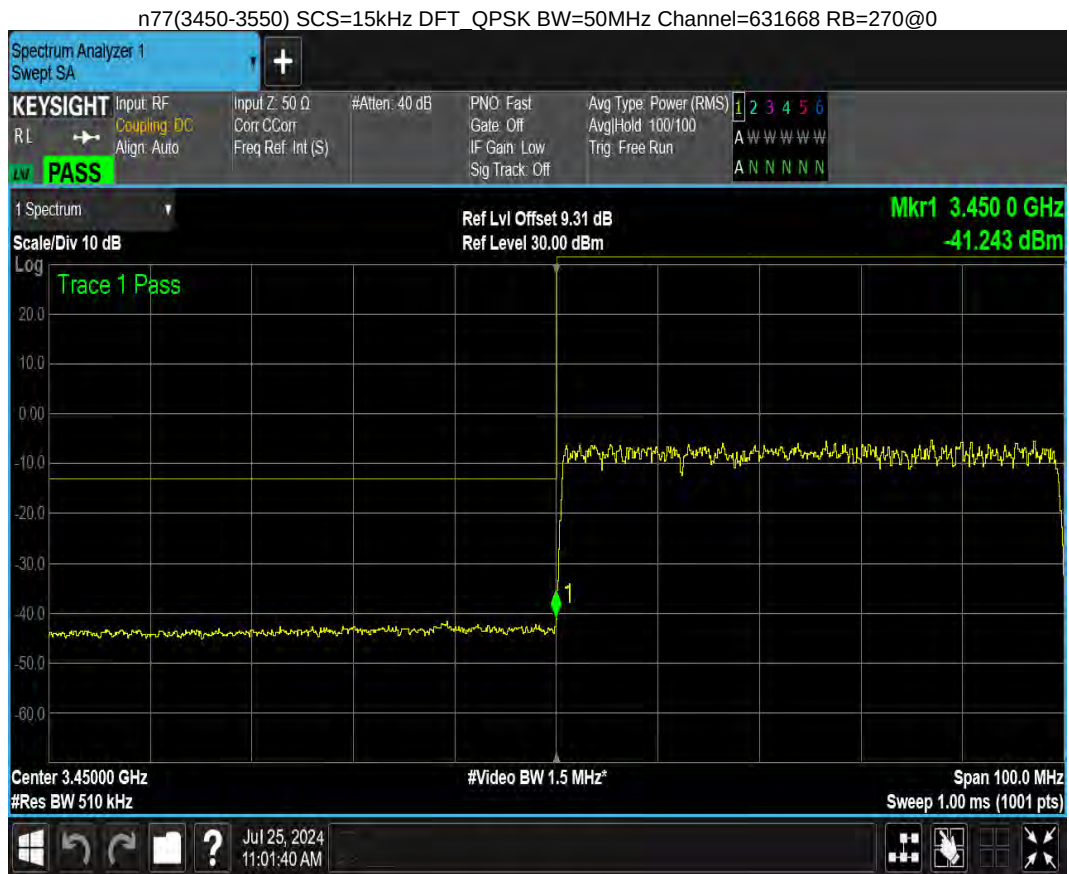


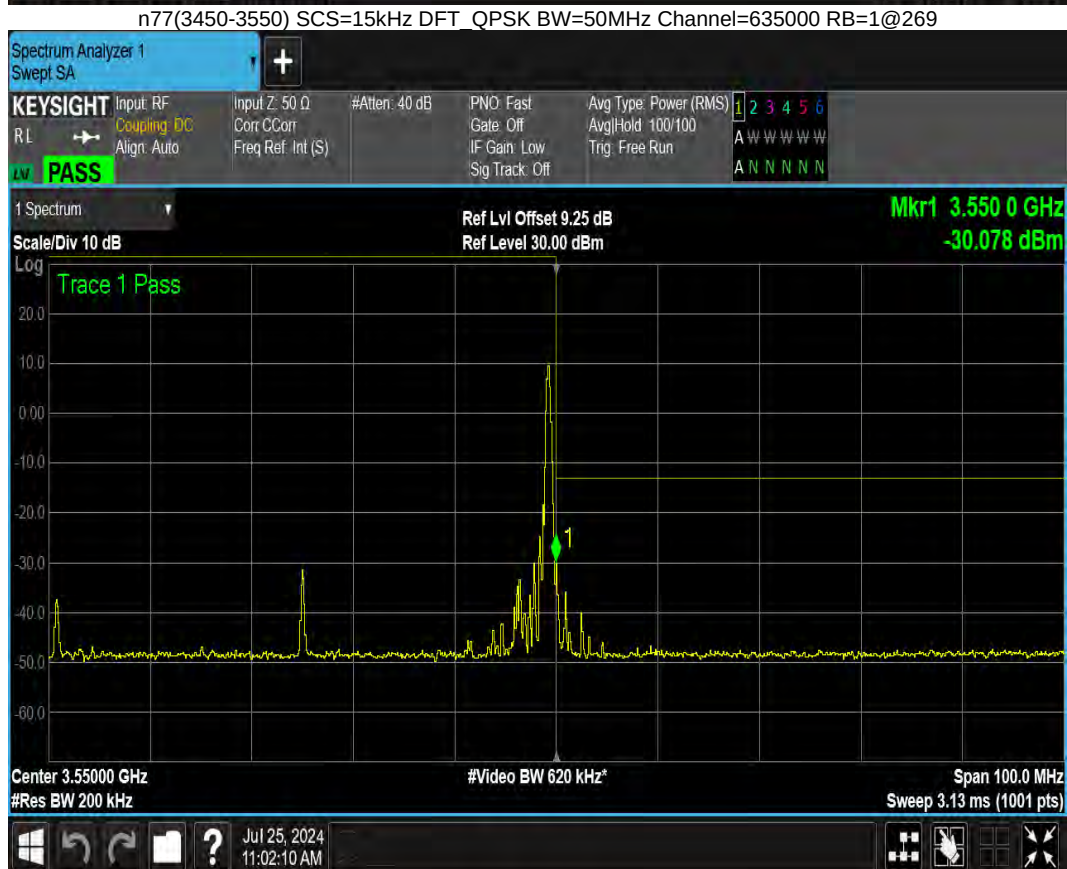
5 Band edge for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n77(3450-3550)	15	10	630334	50@0	DFT_QPSK	3448.92	-39.79	-13	PASS
n77(3450-3550)	15	10	630334	1@0	DFT_QPSK	3448.76	-30.21	-13	PASS
n77(3450-3550)	15	10	636332	50@0	DFT_QPSK	3550.14	-42.20	-13	PASS
n77(3450-3550)	15	10	636332	1@51	DFT_QPSK	3552.06	-33.19	-13	PASS
n77(3450-3550)	15	50	631668	270@0	DFT_QPSK	3450.00	-41.24	-13	PASS
n77(3450-3550)	15	50	631668	1@0	DFT_QPSK	3448.60	-39.53	-13	PASS
n77(3450-3550)	15	50	635000	270@0	DFT_QPSK	3550.00	-37.38	-13	PASS
n77(3450-3550)	15	50	635000	1@269	DFT_QPSK	3550.00	-30.07	-13	PASS





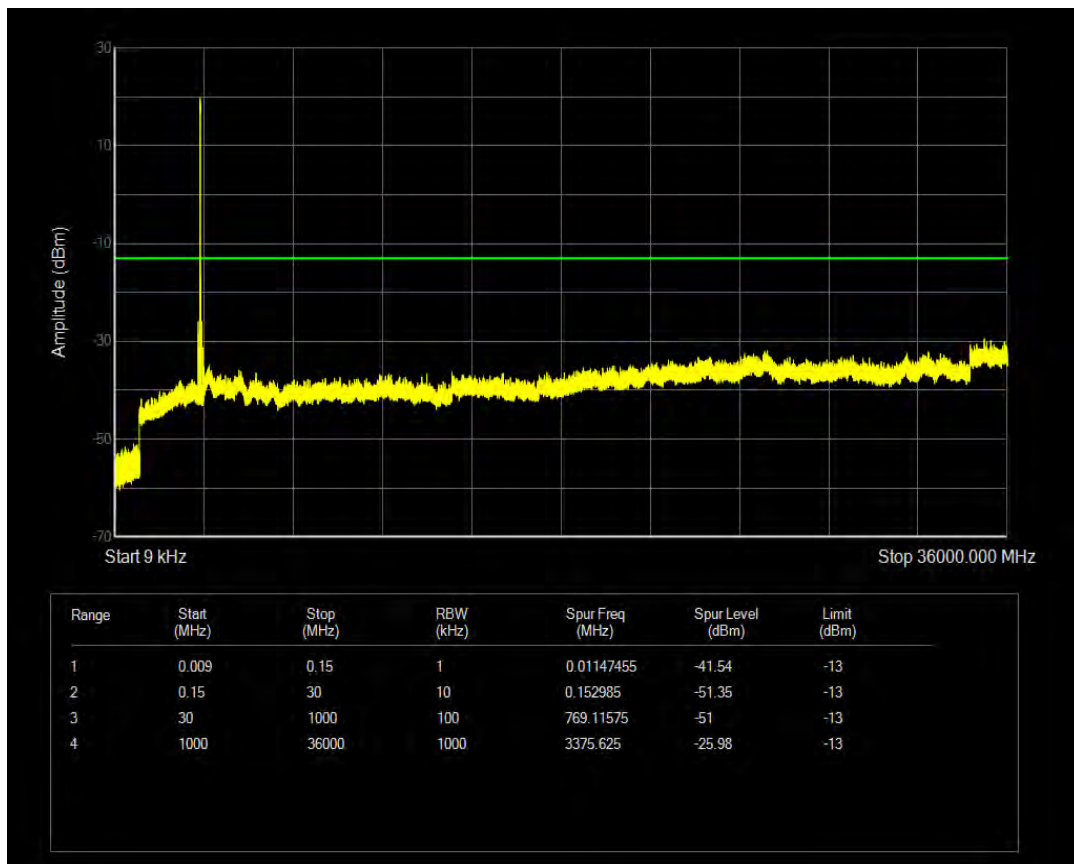




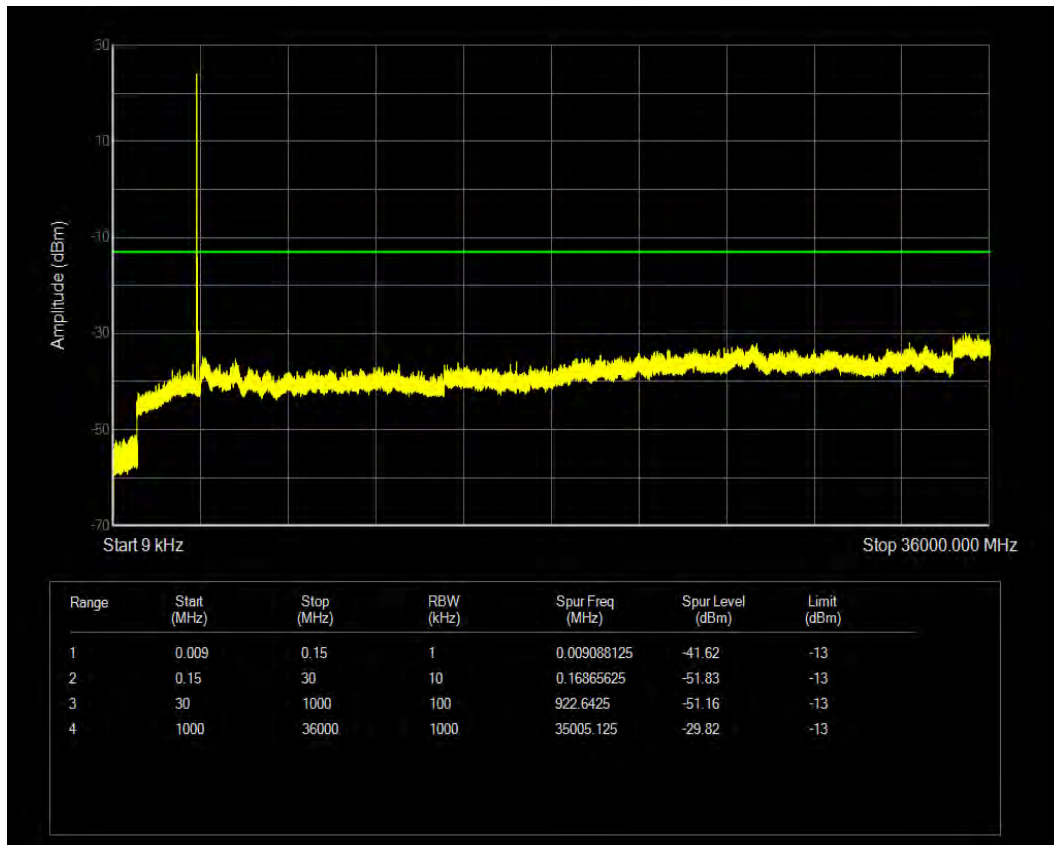
6 Out-of-band emissions for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n77(3450-3550)	15	10	630334	50@0	DFT_QPSK	3375.63	-25.98	-13	PASS
n77(3450-3550)	15	10	630334	1@0	DFT_QPSK	35005.13	-29.82	-13	PASS
n77(3450-3550)	15	10	630334	1@51	DFT_QPSK	3378.25	-29.51	-13	PASS
n77(3450-3550)	15	10	633334	50@0	DFT_QPSK	34922.88	-29.66	-13	PASS
n77(3450-3550)	15	10	633334	1@0	DFT_QPSK	35008.63	-29.99	-13	PASS
n77(3450-3550)	15	10	633334	1@51	DFT_QPSK	35007.75	-30.44	-13	PASS
n77(3450-3550)	15	10	636332	50@0	DFT_QPSK	35462.75	-29.69	-13	PASS
n77(3450-3550)	15	10	636332	1@0	DFT_QPSK	35079.50	-29.90	-13	PASS
n77(3450-3550)	15	10	636332	1@51	DFT_QPSK	3603.13	-26.52	-13	PASS
n77(3450-3550)	15	50	631668	270@0	DFT_QPSK	35846.00	-29.36	-13	PASS
n77(3450-3550)	15	50	631668	1@0	DFT_QPSK	35118.88	-29.17	-13	PASS
n77(3450-3550)	15	50	631668	1@269	DFT_QPSK	34954.38	-30.00	-13	PASS
n77(3450-3550)	15	50	633334	270@0	DFT_QPSK	35069.88	-29.31	-13	PASS
n77(3450-3550)	15	50	633334	1@0	DFT_QPSK	35060.25	-29.03	-13	PASS
n77(3450-3550)	15	50	633334	1@269	DFT_QPSK	35141.63	-30.35	-13	PASS
n77(3450-3550)	15	50	635000	270@0	DFT_QPSK	34998.13	-28.69	-13	PASS
n77(3450-3550)	15	50	635000	1@0	DFT_QPSK	35050.63	-29.52	-13	PASS
n77(3450-3550)	15	50	635000	1@269	DFT_QPSK	34775.00	-30.08	-13	PASS

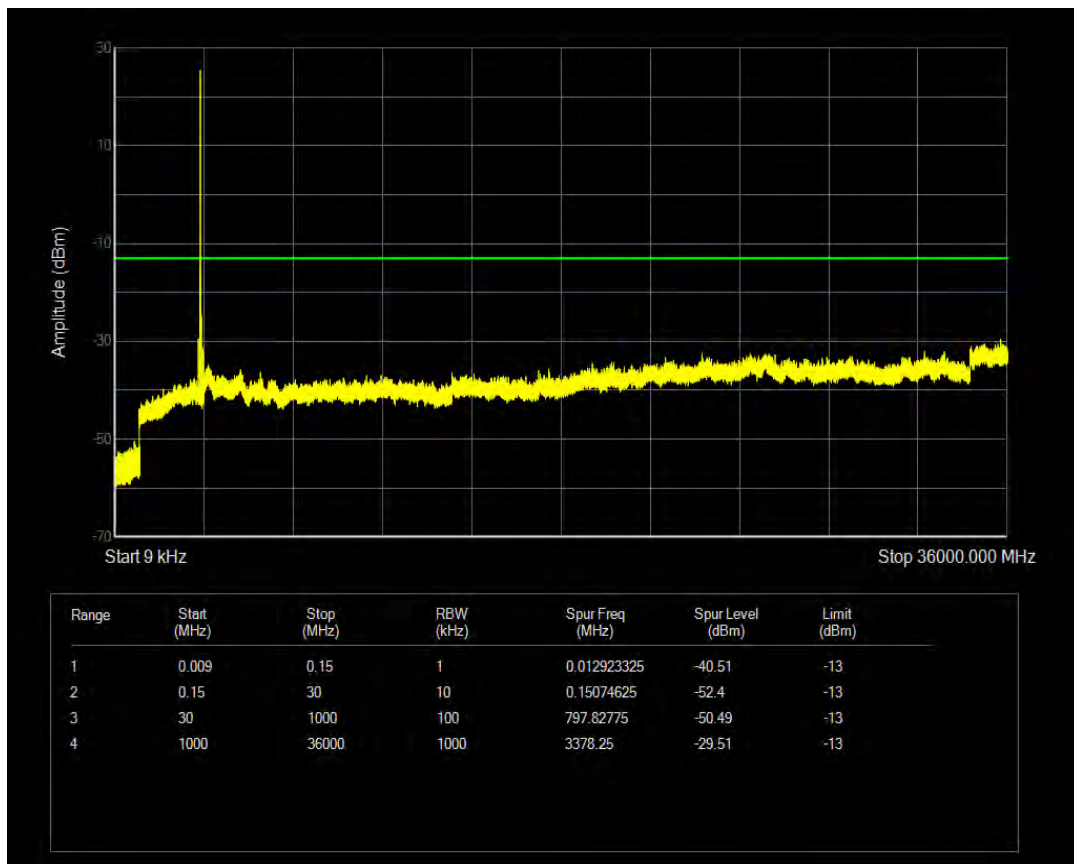
n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=630334 RB=50@0



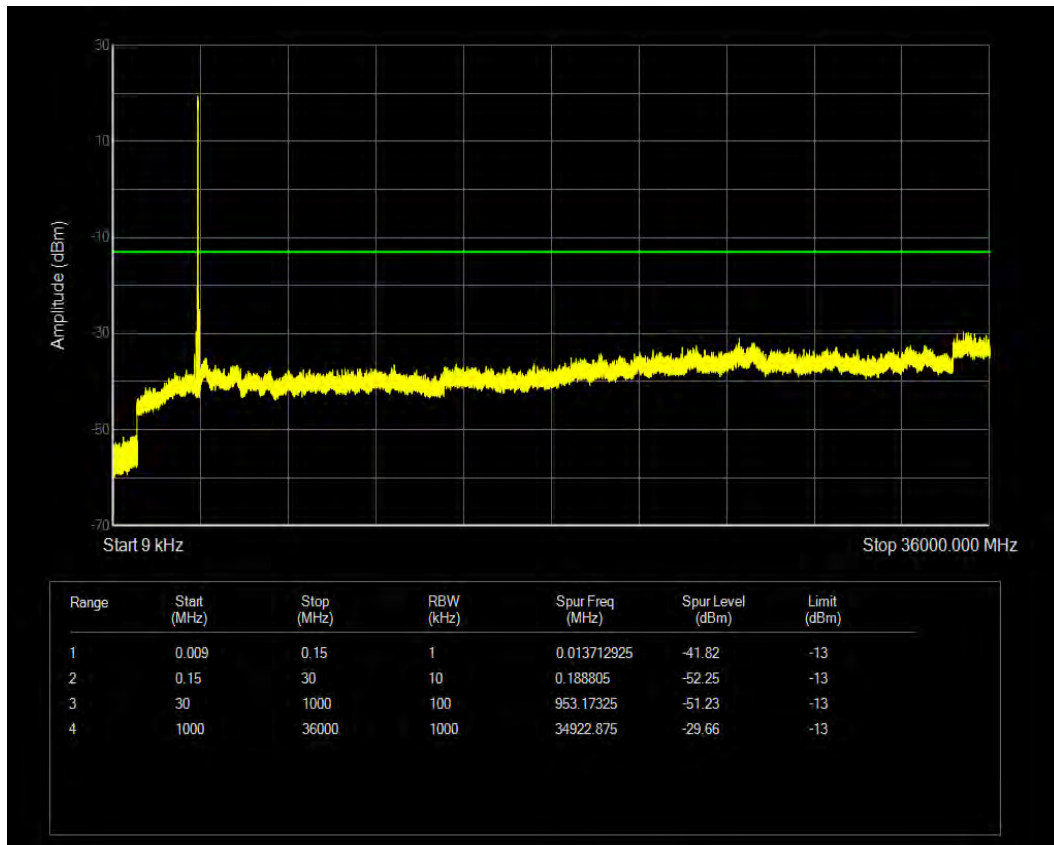
n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=630334 RB=1@0



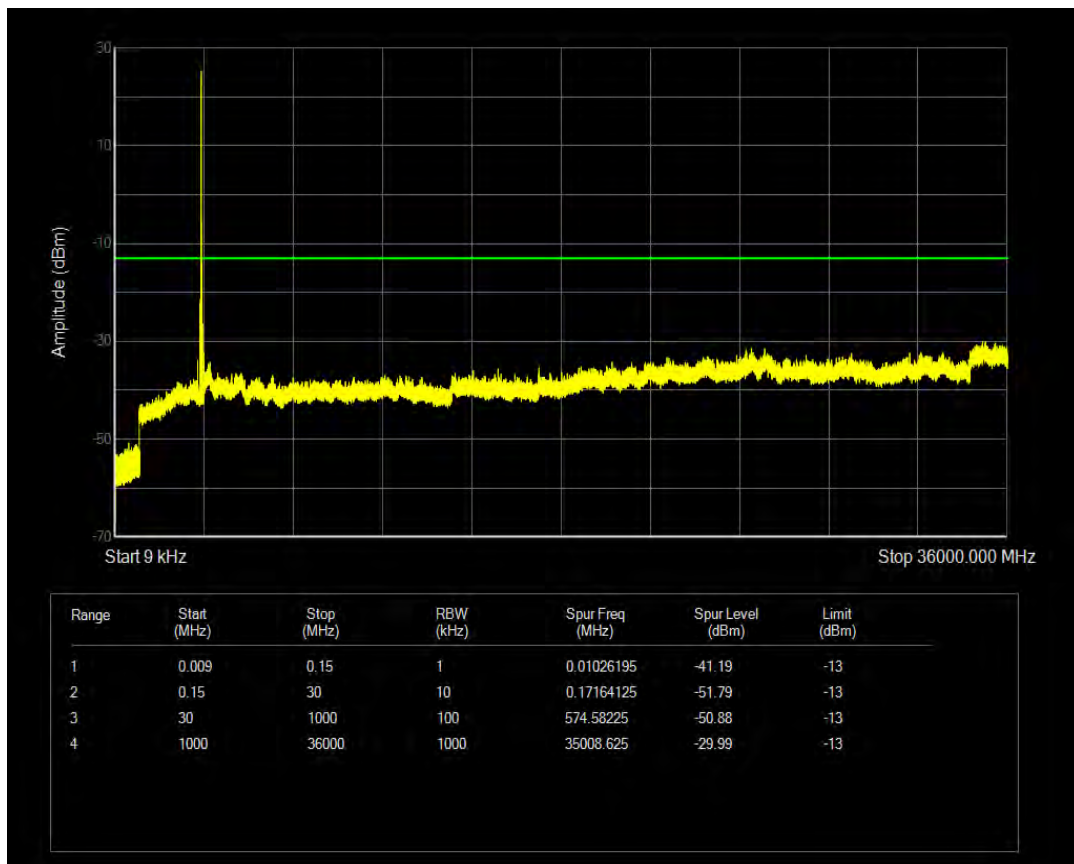
n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=630334 RB=1@51



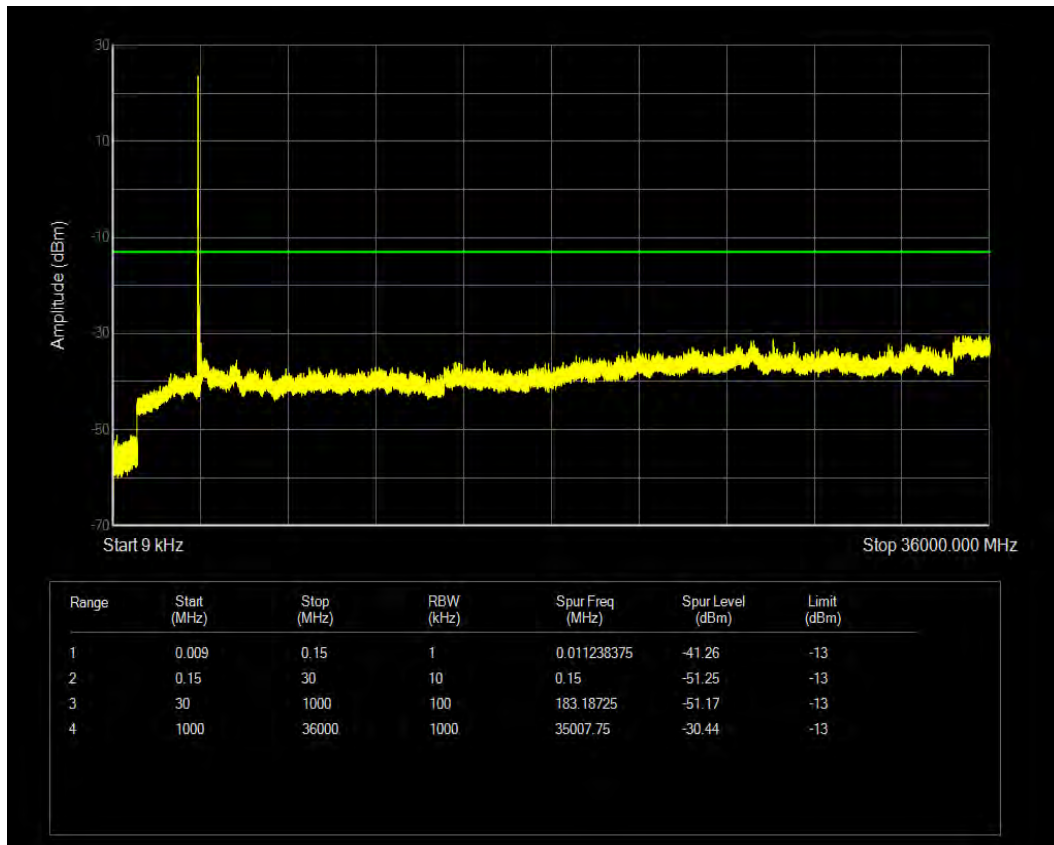
n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=633334 RB=50@0



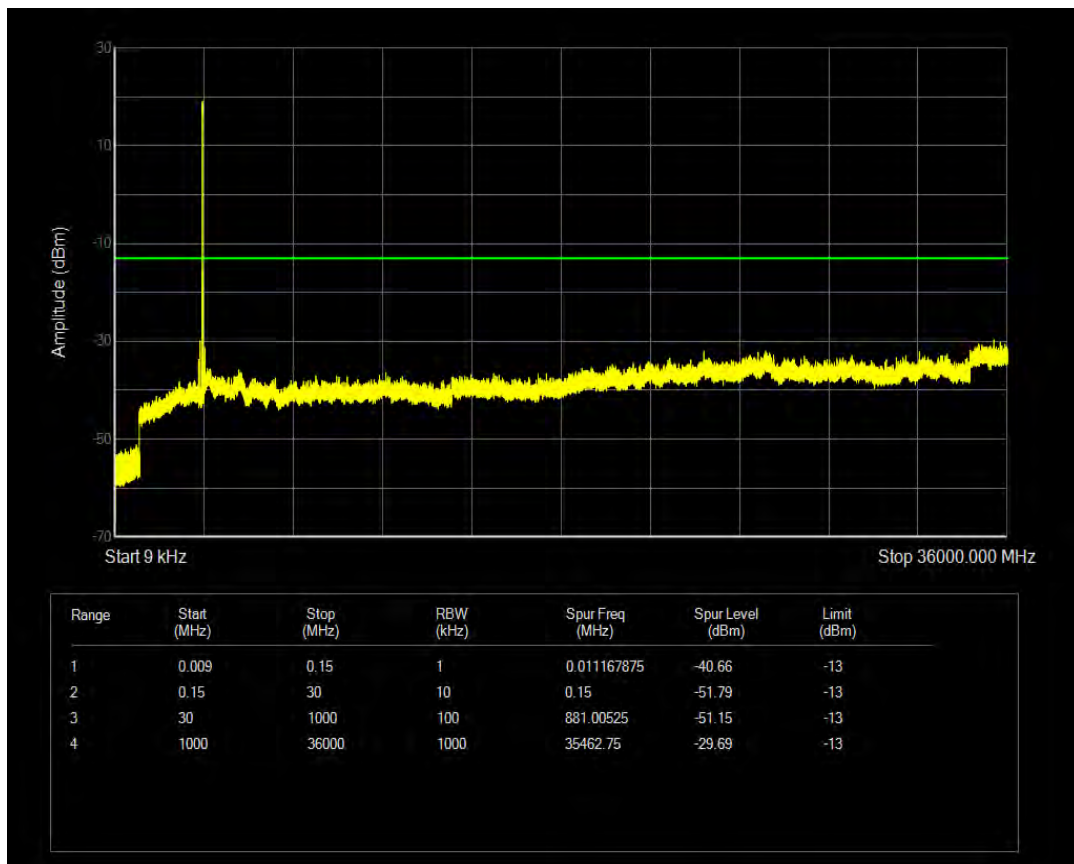
n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=633334 RB=1@0



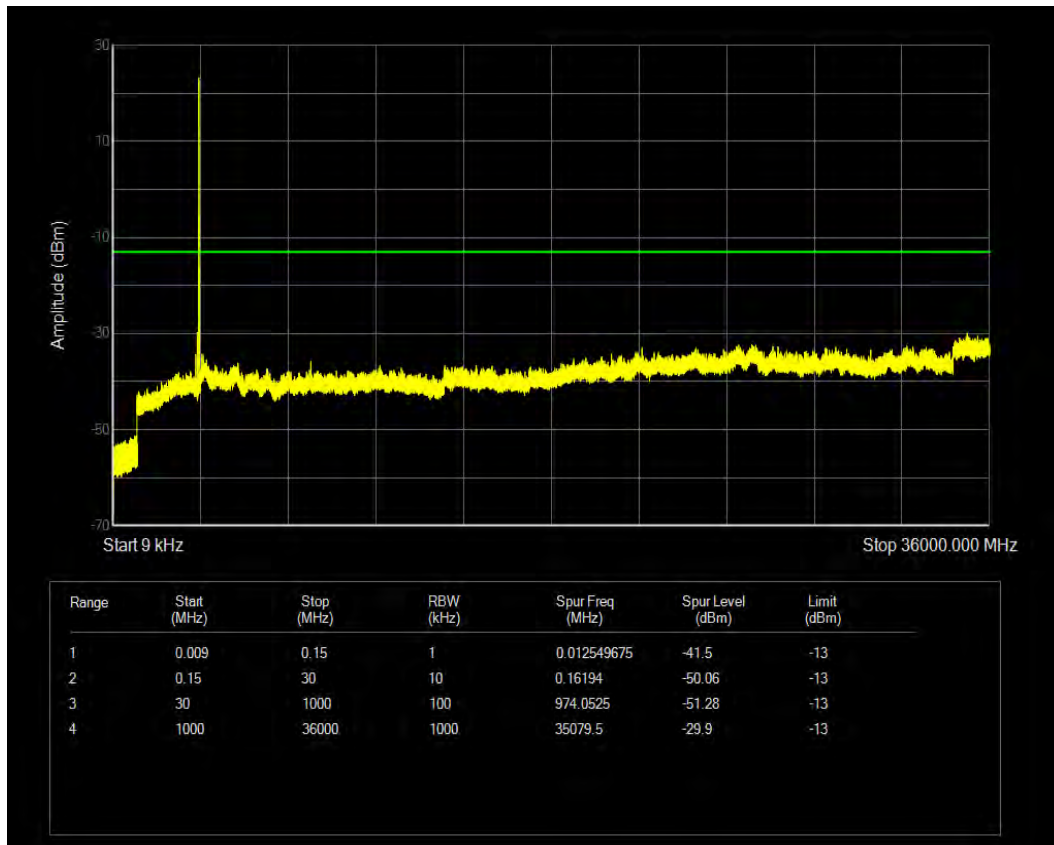
n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=633334 RB=1@51



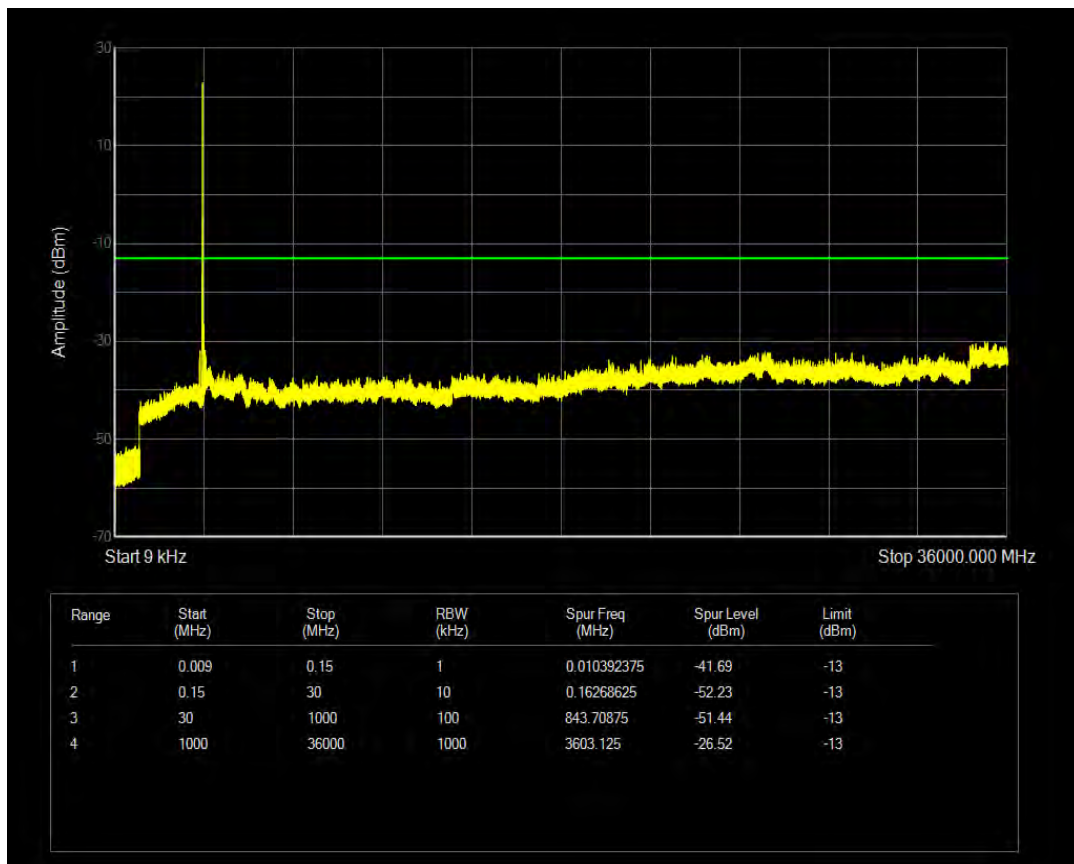
n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=636332 RB=50@0



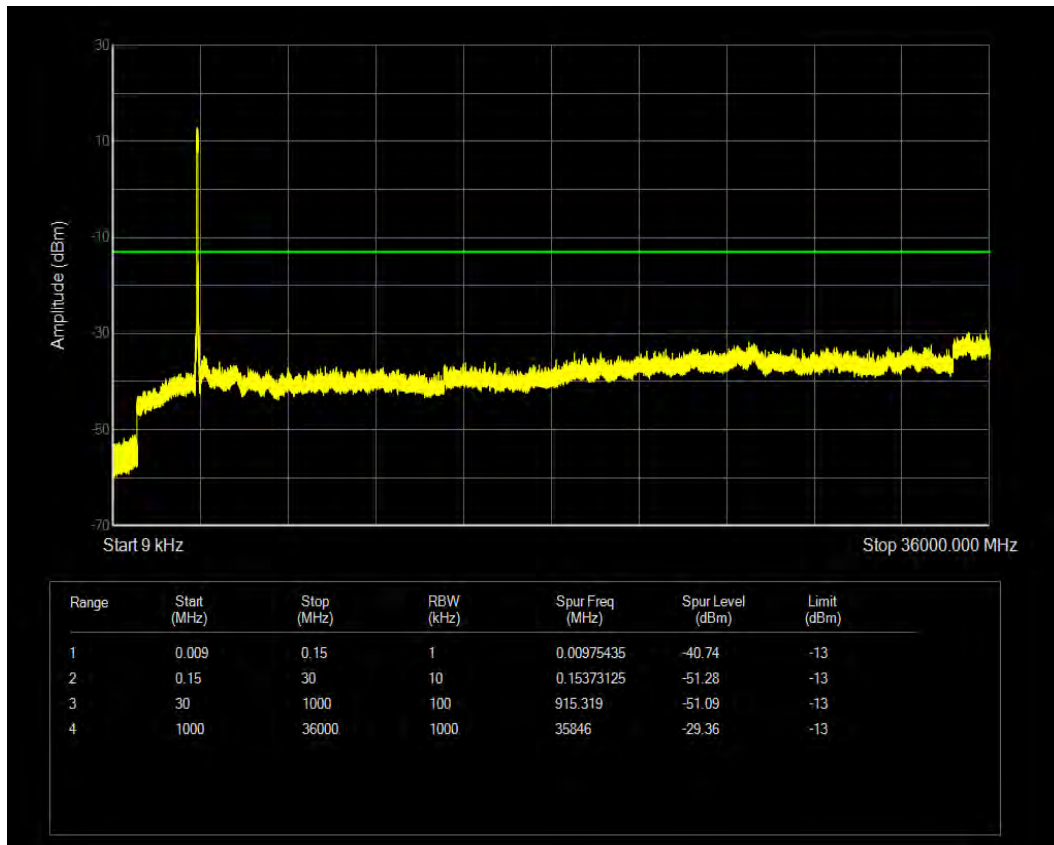
n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=636332 RB=1@0



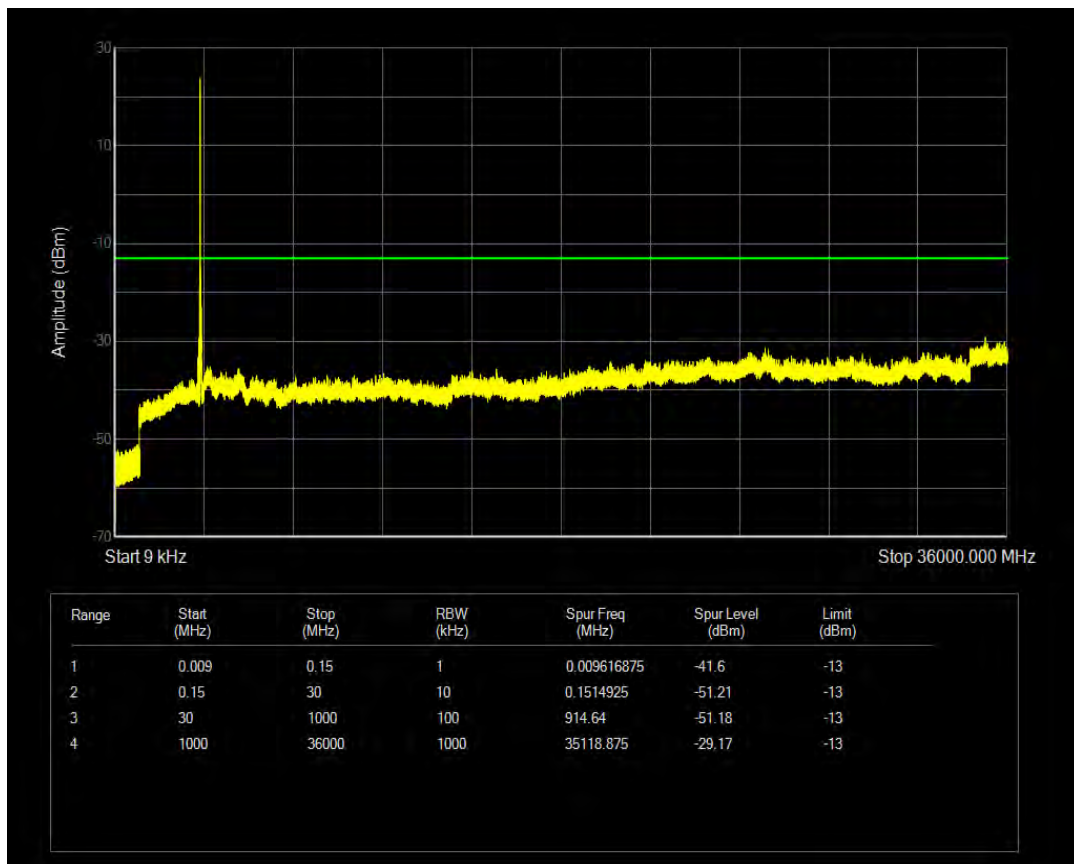
n77(3450-3550) SCS=15kHz DFT_QPSK BW=10MHz Channel=636332 RB=1@51



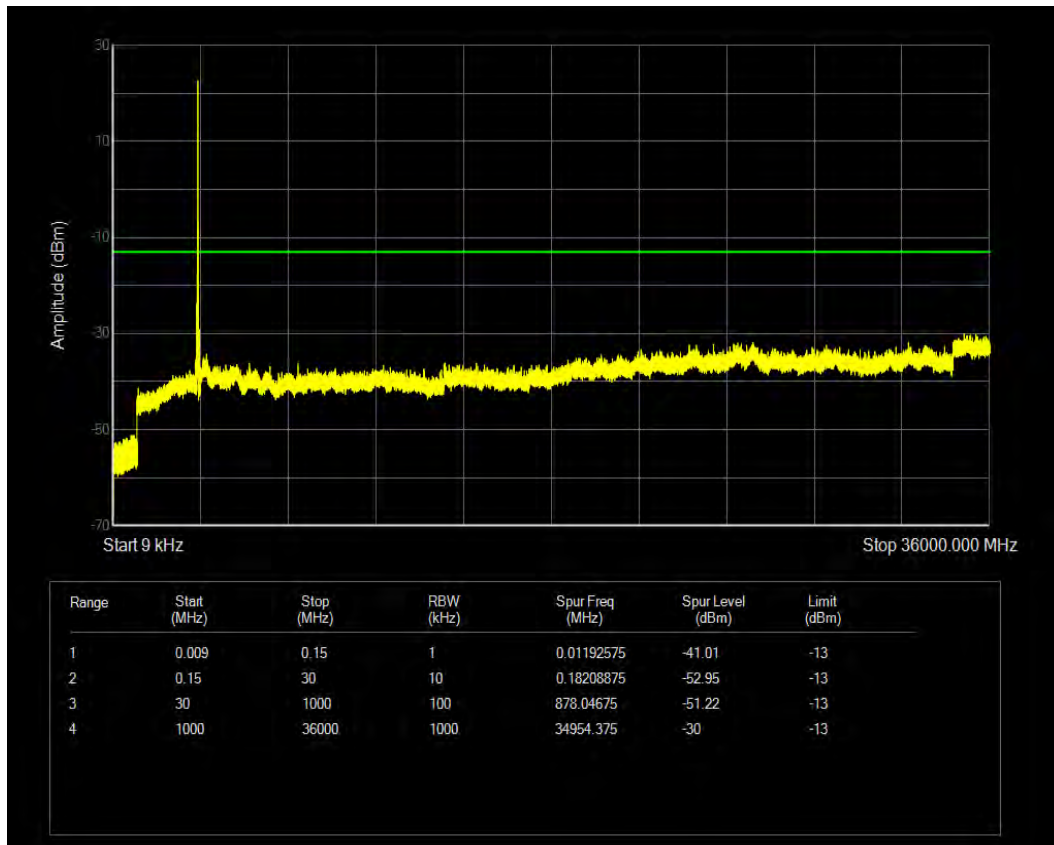
n77(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=631668 RB=270@0



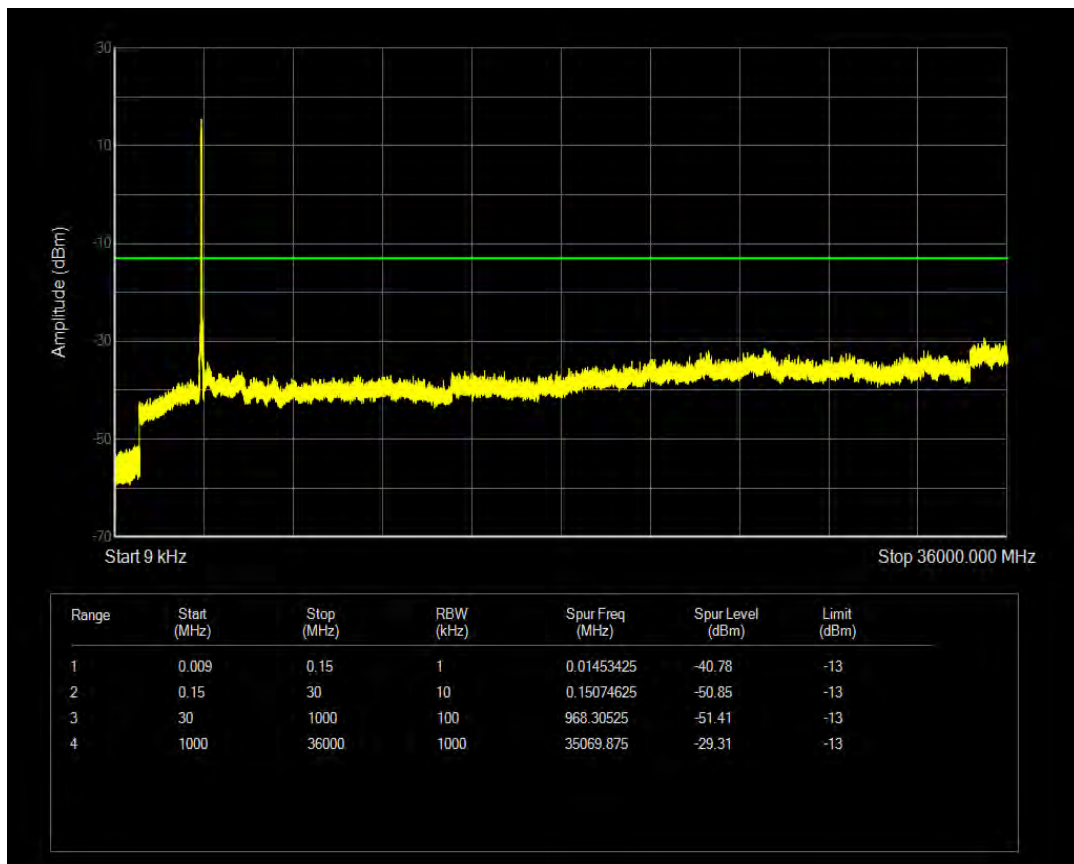
n77(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=631668 RB=1@0



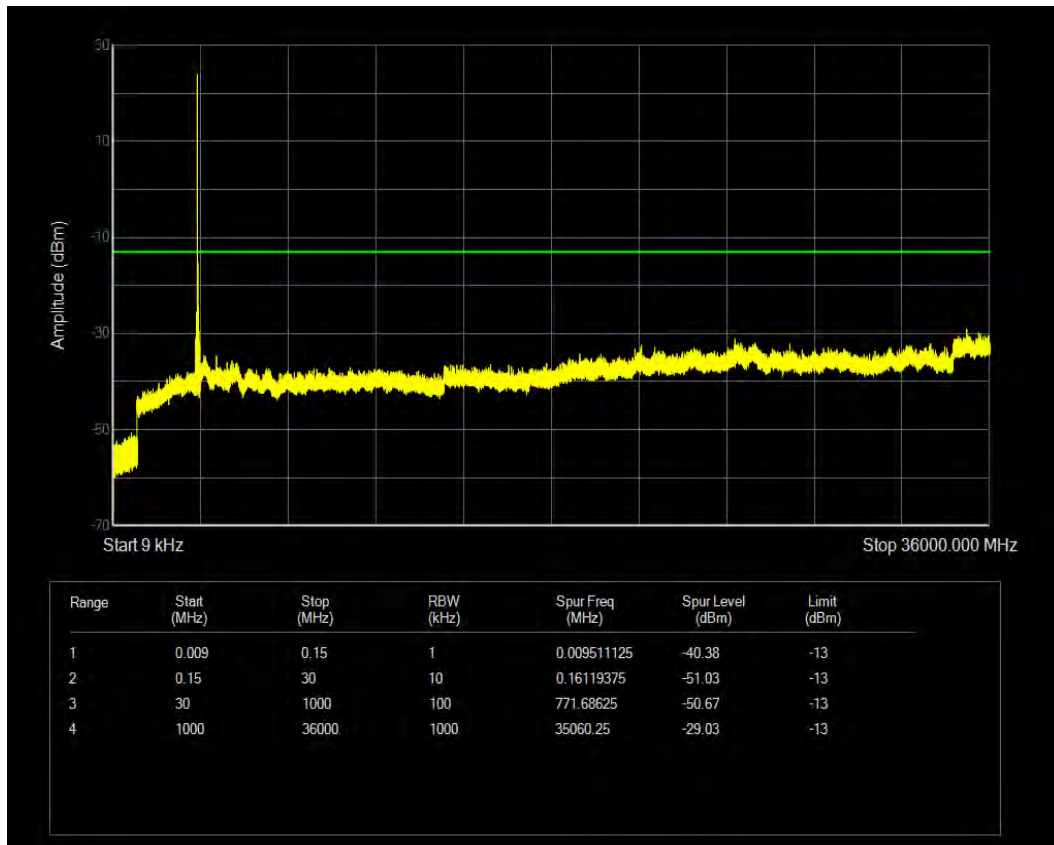
n77(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=631668 RB=1@269



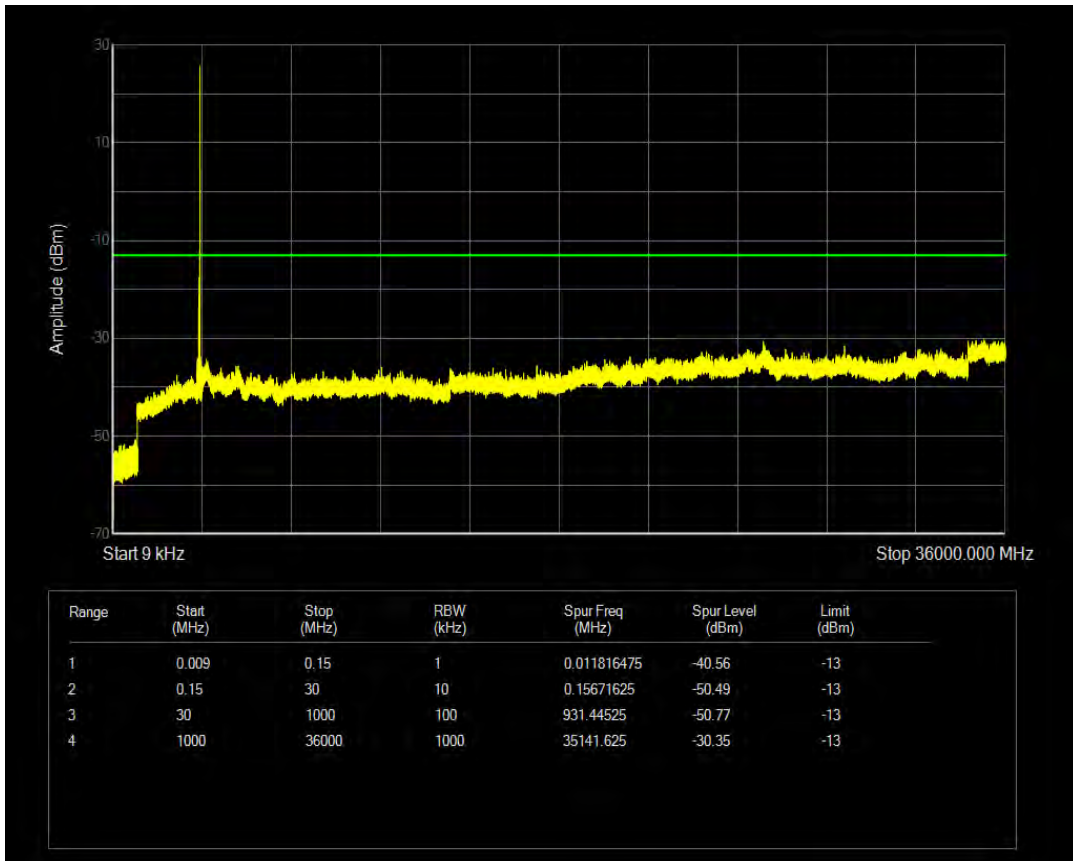
n77(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=633334 RB=270@0



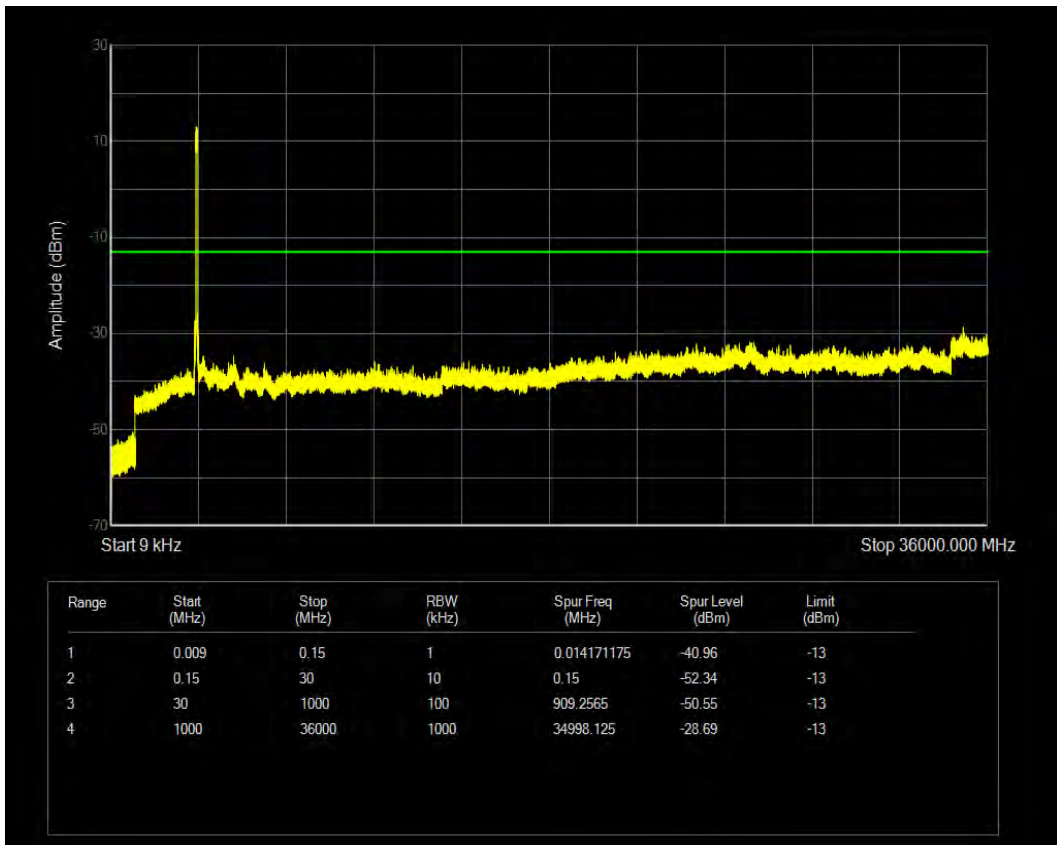
n77(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=633334 RB=1@0



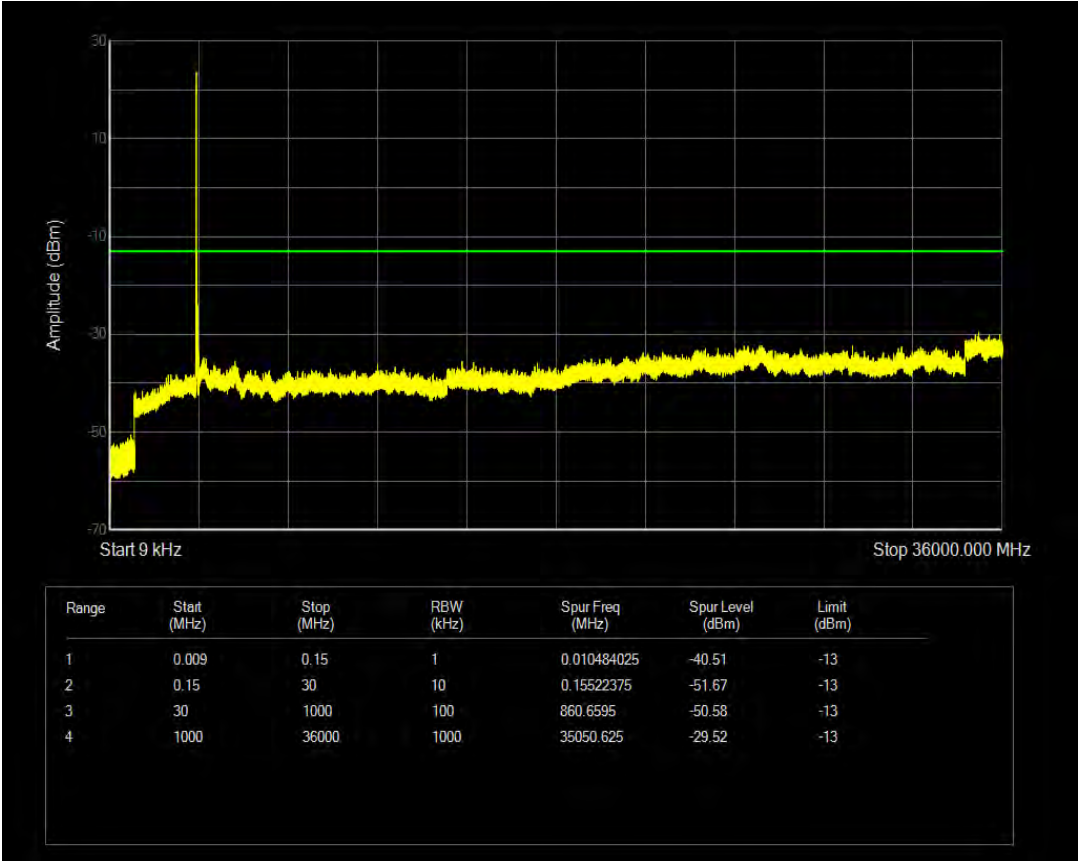
n77(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=633334 RB=1@269



n77(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=635000 RB=270@0



n77(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=635000 RB=1@0



n77(3450-3550) SCS=15kHz DFT_QPSK BW=50MHz Channel=635000 RB=1@269

