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1 Conducted output power for EN-DC

<i>Band</i>	<i>SCS (kHz)</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Allocation</i>	<i>Modulation</i>	<i>Power (dBm)</i>	<i>Low Limit (dBm)</i>	<i>high Limit (dBm)</i>	<i>Verdict</i>
Band66	30	5	131997	1@0	QPSK	16.80			
n38	30	10	515000	1@0	DFT_BPSK	21.87			
Sum	30					23.04	19	26	PASS
Band66	30	5	132322	8@0	QPSK	16.80			
n38	30	10	519000	12@6	DFT_BPSK	21.46			
Sum	30					22.73	19	26	PASS
Band66	30	5	132322	8@0	QPSK	16.82			
n38	30	10	519000	12@6	DFT_QPSK	21.51			
Sum	30					22.77	19	26	PASS
Band66	30	5	132647	1@17	QPSK	16.92			
n38	30	10	523000	1@23	DFT_BPSK	20.70			
Sum	30					22.21	19	26	PASS
Band66	30	5	132647	8@17	QPSK	16.73			
n38	30	10	523000	12@6	DFT_BPSK	20.84			
Sum	30					22.26	19	26	PASS
Band66	30	5	132647	1@17	QPSK	16.86			
n38	30	10	523000	1@23	DFT_QPSK	20.82			
Sum	30					22.28	19	26	PASS
Band66	30	5	132647	8@17	QPSK	16.71			
n38	30	10	523000	12@6	DFT_QPSK	20.85			
Sum	30					22.26	19	26	PASS
Band66	30	20	132072	1@0	QPSK	16.79			
n38	30	20	516000	1@0	DFT_BPSK	21.89			
Sum	30					23.05	19	26	PASS
Band66	30	20	132322	18@0	QPSK	16.61			
n38	30	20	519000	25@12	DFT_BPSK	21.42			
Sum	30					22.65	19	26	PASS
Band66	30	20	132322	18@0	QPSK	16.57			
n38	30	20	519000	25@12	DFT_QPSK	21.43			
Sum	30					22.65	19	26	PASS
Band66	30	20	132572	1@72	QPSK	16.89			
n38	30	20	522000	1@50	DFT_BPSK	20.68			
Sum	30					22.19	19	26	PASS
Band66	30	20	132572	18@72	QPSK	16.68			
n38	30	20	522000	25@12	DFT_BPSK	20.97			
Sum	30					22.34	19	26	PASS
Band66	30	20	132572	1@72	QPSK	16.91			
n38	30	20	522000	1@50	DFT_QPSK	20.51			
Sum	30					22.08	19	26	PASS

Band66	30	20	132572	18@72	QPSK	16.69			
n38	30	20	522000	25@12	DFT_QPSK	20.93			
Sum	30					22.31	19	26	PASS

2 Frequency stability for EN-DC

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
n38	30	10	515000	12@6	DFT_BPSK	-4.06	-0.00158	-2.5	2.5	PASS
n38	30	10	515000	1@1	DFT_BPSK	-4.12	-0.00160	-2.5	2.5	PASS
n38	30	10	515000	1@22	DFT_BPSK	-5.46	-0.00212	-2.5	2.5	PASS
n38	30	10	515000	12@6	DFT_QPSK	-6.32	-0.00245	-2.5	2.5	PASS
n38	30	10	515000	1@1	DFT_QPSK	-6.41	-0.00249	-2.5	2.5	PASS
n38	30	10	515000	1@22	DFT_QPSK	-5.45	-0.00212	-2.5	2.5	PASS
n38	30	10	519000	12@6	DFT_BPSK	-1.24	-0.00048	-2.5	2.5	PASS
n38	30	10	519000	1@1	DFT_BPSK	-5.26	-0.00203	-2.5	2.5	PASS
n38	30	10	519000	1@22	DFT_BPSK	-4.16	-0.00160	-2.5	2.5	PASS
n38	30	10	519000	12@6	DFT_QPSK	-2.43	-0.00094	-2.5	2.5	PASS
n38	30	10	519000	1@1	DFT_QPSK	-2.80	-0.00108	-2.5	2.5	PASS
n38	30	10	519000	1@22	DFT_QPSK	-3.63	-0.00140	-2.5	2.5	PASS
n38	30	10	523000	12@6	DFT_BPSK	-6.23	-0.00238	-2.5	2.5	PASS
n38	30	10	523000	1@1	DFT_BPSK	-4.64	-0.00177	-2.5	2.5	PASS
n38	30	10	523000	1@22	DFT_BPSK	-3.49	-0.00133	-2.5	2.5	PASS
n38	30	10	523000	12@6	DFT_QPSK	-5.61	-0.00215	-2.5	2.5	PASS
n38	30	10	523000	1@1	DFT_QPSK	-7.23	-0.00276	-2.5	2.5	PASS
n38	30	10	523000	1@22	DFT_QPSK	-8.40	-0.00321	-2.5	2.5	PASS
n38	30	15	515500	18@9	DFT_BPSK	-3.64	-0.00141	-2.5	2.5	PASS
n38	30	15	515500	1@1	DFT_BPSK	-4.10	-0.00159	-2.5	2.5	PASS
n38	30	15	515500	1@36	DFT_BPSK	-4.06	-0.00158	-2.5	2.5	PASS
n38	30	15	515500	18@9	DFT_QPSK	-6.58	-0.00255	-2.5	2.5	PASS
n38	30	15	515500	1@1	DFT_QPSK	-8.05	-0.00312	-2.5	2.5	PASS
n38	30	15	515500	1@36	DFT_QPSK	-7.06	-0.00274	-2.5	2.5	PASS
n38	30	15	519000	18@9	DFT_BPSK	-3.41	-0.00131	-2.5	2.5	PASS
n38	30	15	519000	1@1	DFT_BPSK	-3.81	-0.00147	-2.5	2.5	PASS
n38	30	15	519000	1@36	DFT_BPSK	-2.75	-0.00106	-2.5	2.5	PASS
n38	30	15	519000	18@9	DFT_QPSK	-6.17	-0.00238	-2.5	2.5	PASS
n38	30	15	519000	1@1	DFT_QPSK	-8.48	-0.00327	-2.5	2.5	PASS
n38	30	15	519000	1@36	DFT_QPSK	-5.63	-0.00217	-2.5	2.5	PASS
n38	30	15	522500	18@9	DFT_BPSK	-5.66	-0.00217	-2.5	2.5	PASS
n38	30	15	522500	1@1	DFT_BPSK	-7.21	-0.00276	-2.5	2.5	PASS
n38	30	15	522500	1@36	DFT_BPSK	-6.45	-0.00247	-2.5	2.5	PASS
n38	30	15	522500	18@9	DFT_QPSK	-3.32	-0.00127	-2.5	2.5	PASS
n38	30	15	522500	1@1	DFT_QPSK	-3.24	-0.00124	-2.5	2.5	PASS
n38	30	15	522500	1@36	DFT_QPSK	-3.68	-0.00141	-2.5	2.5	PASS
n38	30	20	516000	25@12	DFT_BPSK	-7.28	-0.00282	-2.5	2.5	PASS
n38	30	20	516000	1@1	DFT_BPSK	-5.68	-0.00220	-2.5	2.5	PASS
n38	30	20	516000	1@49	DFT_BPSK	-6.56	-0.00254	-2.5	2.5	PASS

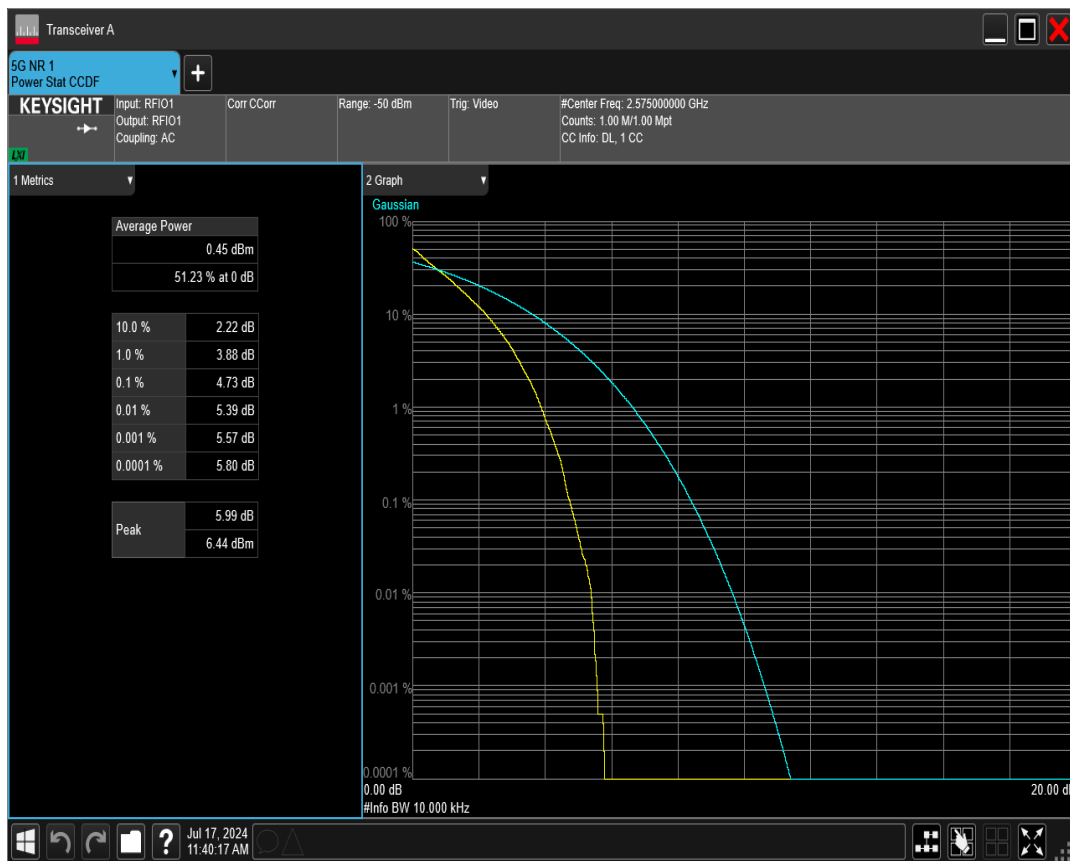
n38	30	20	516000	25@12	DFT_QPSK	-3.36	-0.00130	-2.5	2.5	PASS
n38	30	20	516000	1@1	DFT_QPSK	-1.92	-0.00074	-2.5	2.5	PASS
n38	30	20	516000	1@49	DFT_QPSK	-2.03	-0.00079	-2.5	2.5	PASS
n38	30	20	519000	25@12	DFT_BPSK	-0.75	-0.00029	-2.5	2.5	PASS
n38	30	20	519000	1@1	DFT_BPSK	-4.22	-0.00163	-2.5	2.5	PASS
n38	30	20	519000	1@49	DFT_BPSK	-3.42	-0.00132	-2.5	2.5	PASS
n38	30	20	519000	25@12	DFT_QPSK	-4.05	-0.00156	-2.5	2.5	PASS
n38	30	20	519000	1@1	DFT_QPSK	-4.44	-0.00171	-2.5	2.5	PASS
n38	30	20	519000	1@49	DFT_QPSK	-3.84	-0.00148	-2.5	2.5	PASS
n38	30	20	522000	25@12	DFT_BPSK	-5.25	-0.00201	-2.5	2.5	PASS
n38	30	20	522000	1@1	DFT_BPSK	-2.56	-0.00098	-2.5	2.5	PASS
n38	30	20	522000	1@49	DFT_BPSK	-2.71	-0.00104	-2.5	2.5	PASS
n38	30	20	522000	25@12	DFT_QPSK	-4.20	-0.00161	-2.5	2.5	PASS
n38	30	20	522000	1@1	DFT_QPSK	-1.71	-0.00066	-2.5	2.5	PASS
n38	30	20	522000	1@49	DFT_QPSK	-2.86	-0.00110	-2.5	2.5	PASS

3 Peak-to-Average Ratio for EN-DC

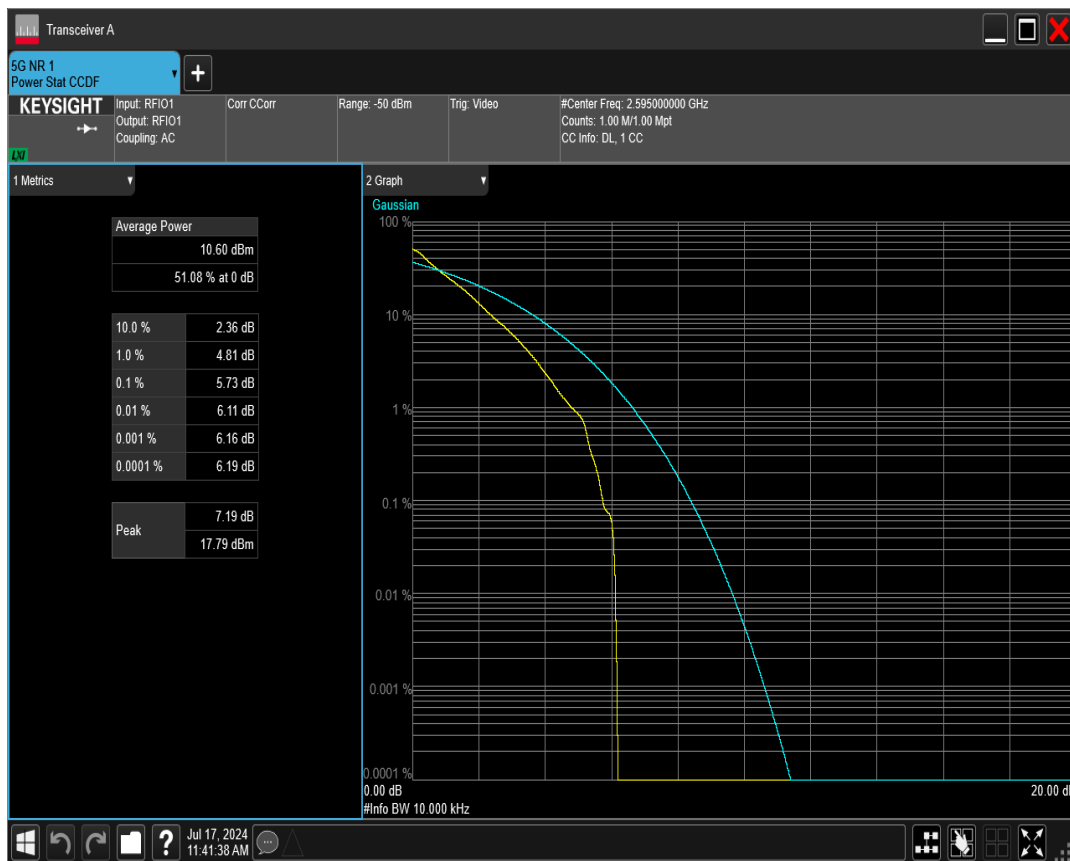
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n38	30	10	515000	24@0	DFT_BPSK	4.73	13	PASS
n38	30	10	515000	24@0	DFT_QPSK	6.06	13	PASS
n38	30	10	515000	24@0	DFT_QAM16	6.75	13	PASS
n38	30	10	515000	24@0	DFT_QAM64	6.73	13	PASS
n38	30	10	515000	24@0	DFT_QAM256	6.97	13	PASS
n38	30	10	519000	24@0	DFT_BPSK	5.73	13	PASS
n38	30	10	519000	24@0	DFT_QPSK	6.28	13	PASS
n38	30	10	519000	24@0	DFT_QAM16	6.80	13	PASS
n38	30	10	519000	24@0	DFT_QAM64	6.69	13	PASS
n38	30	10	519000	24@0	DFT_QAM256	6.83	13	PASS
n38	30	10	523000	24@0	DFT_BPSK	4.74	13	PASS
n38	30	10	523000	24@0	DFT_QPSK	6.21	13	PASS
n38	30	10	523000	24@0	DFT_QAM16	6.74	13	PASS
n38	30	10	523000	24@0	DFT_QAM64	6.90	13	PASS
n38	30	10	523000	24@0	DFT_QAM256	6.67	13	PASS
n38	30	15	515500	36@0	DFT_BPSK	4.72	13	PASS
n38	30	15	515500	36@0	DFT_QPSK	6.09	13	PASS
n38	30	15	515500	36@0	DFT_QAM16	6.57	13	PASS
n38	30	15	515500	36@0	DFT_QAM64	6.74	13	PASS
n38	30	15	515500	36@0	DFT_QAM256	6.94	13	PASS
n38	30	15	519000	36@0	DFT_BPSK	4.92	13	PASS
n38	30	15	519000	36@0	DFT_QPSK	6.00	13	PASS
n38	30	15	519000	36@0	DFT_QAM16	6.73	13	PASS
n38	30	15	519000	36@0	DFT_QAM64	6.97	13	PASS
n38	30	15	519000	36@0	DFT_QAM256	6.79	13	PASS
n38	30	15	522500	36@0	DFT_BPSK	4.76	13	PASS
n38	30	15	522500	36@0	DFT_QPSK	5.96	13	PASS
n38	30	15	522500	36@0	DFT_QAM16	6.57	13	PASS
n38	30	15	522500	36@0	DFT_QAM64	6.77	13	PASS
n38	30	15	522500	36@0	DFT_QAM256	6.96	13	PASS
n38	30	20	516000	50@0	DFT_BPSK	4.75	13	PASS
n38	30	20	516000	50@0	DFT_QPSK	6.06	13	PASS
n38	30	20	516000	50@0	DFT_QAM16	6.77	13	PASS
n38	30	20	516000	50@0	DFT_QAM64	6.91	13	PASS
n38	30	20	516000	50@0	DFT_QAM256	6.69	13	PASS
n38	30	20	519000	50@0	DFT_BPSK	5.54	13	PASS
n38	30	20	519000	50@0	DFT_QPSK	6.04	13	PASS
n38	30	20	519000	50@0	DFT_QAM16	6.34	13	PASS
n38	30	20	519000	50@0	DFT_QAM64	6.71	13	PASS
n38	30	20	519000	50@0	DFT_QAM256	6.90	13	PASS

n38	30	20	522000	50@0	DFT_BPSK	4.93	13	PASS
n38	30	20	522000	50@0	DFT_QPSK	6.06	13	PASS
n38	30	20	522000	50@0	DFT_QAM16	6.77	13	PASS
n38	30	20	522000	50@0	DFT_QAM64	6.69	13	PASS
n38	30	20	522000	50@0	DFT_QAM256	7.06	13	PASS

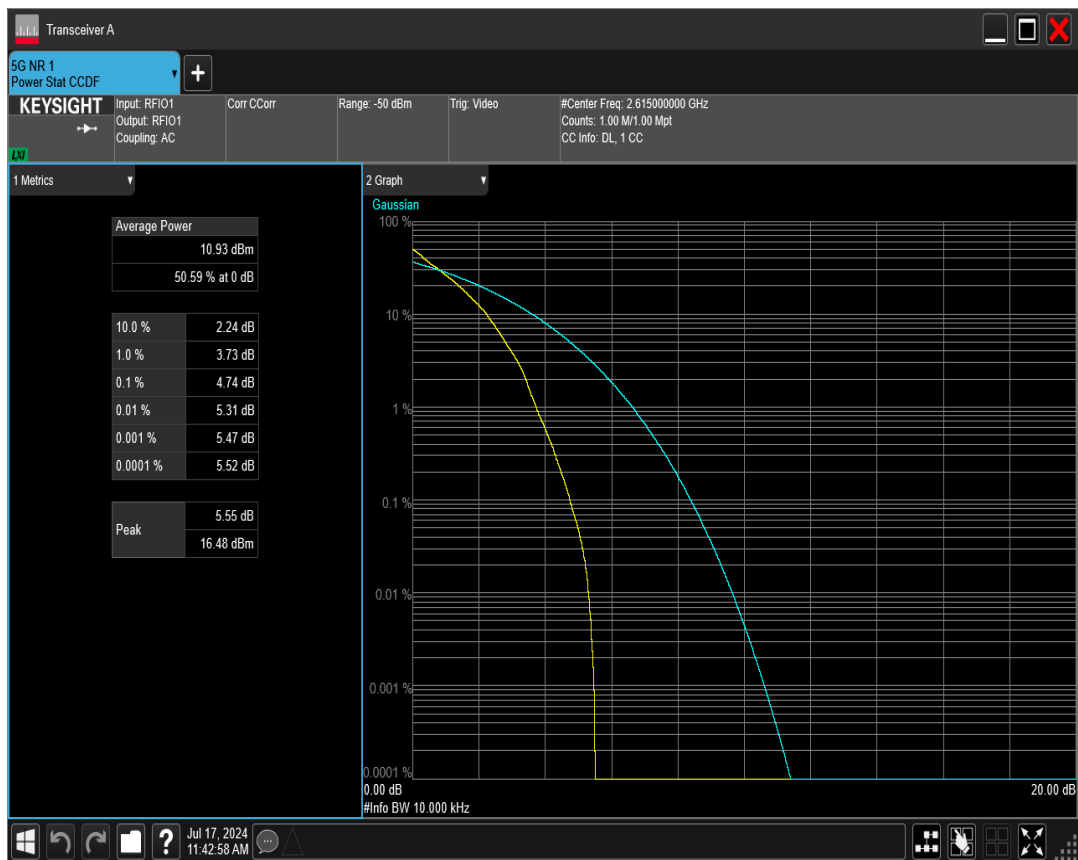
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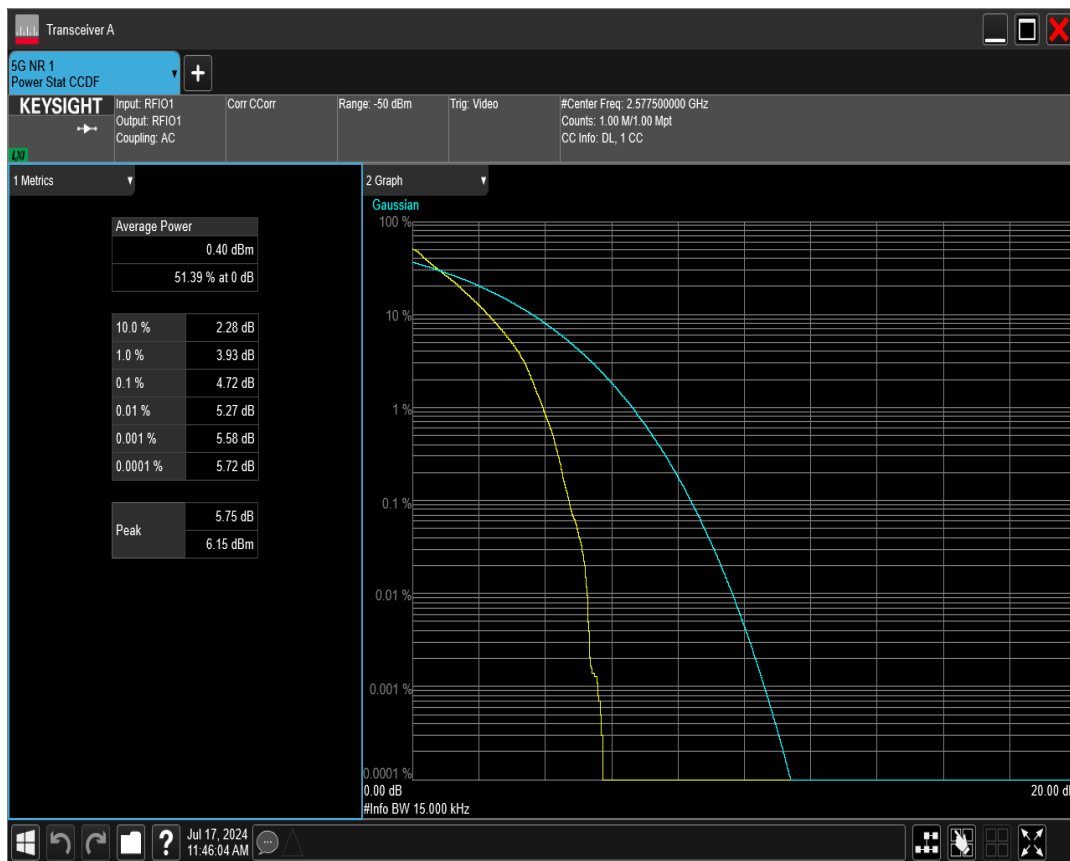
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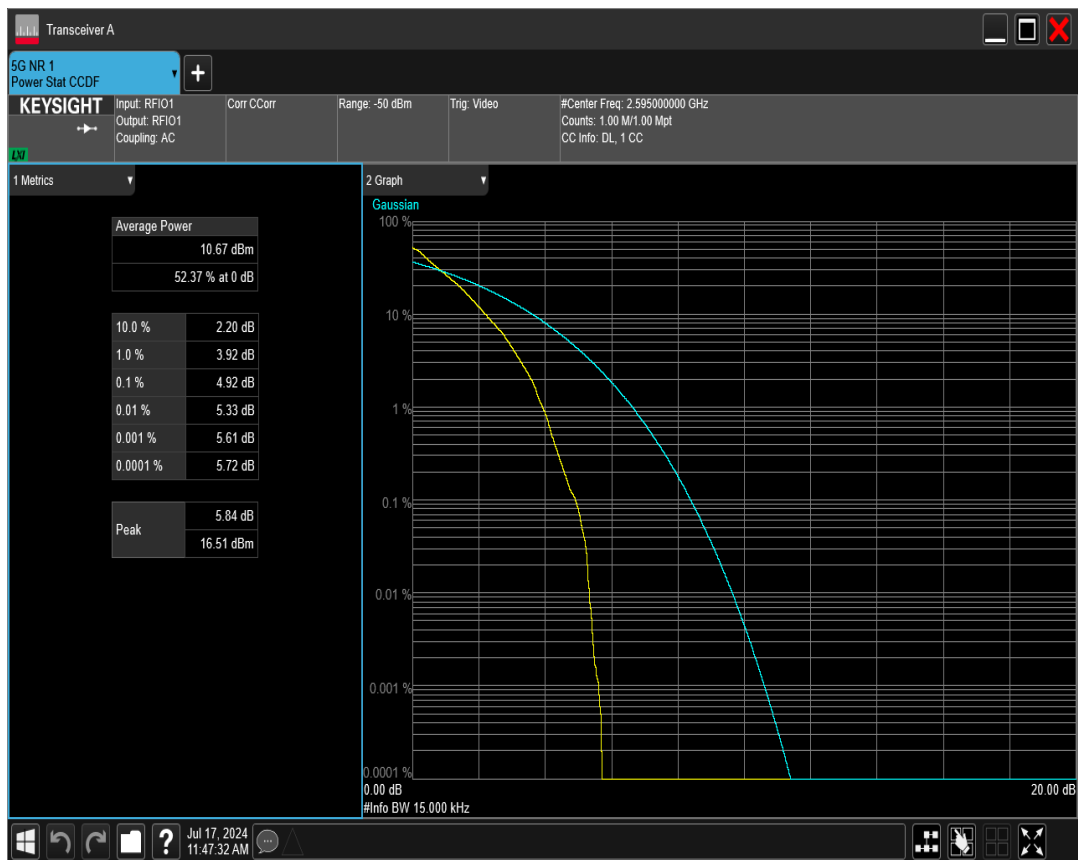
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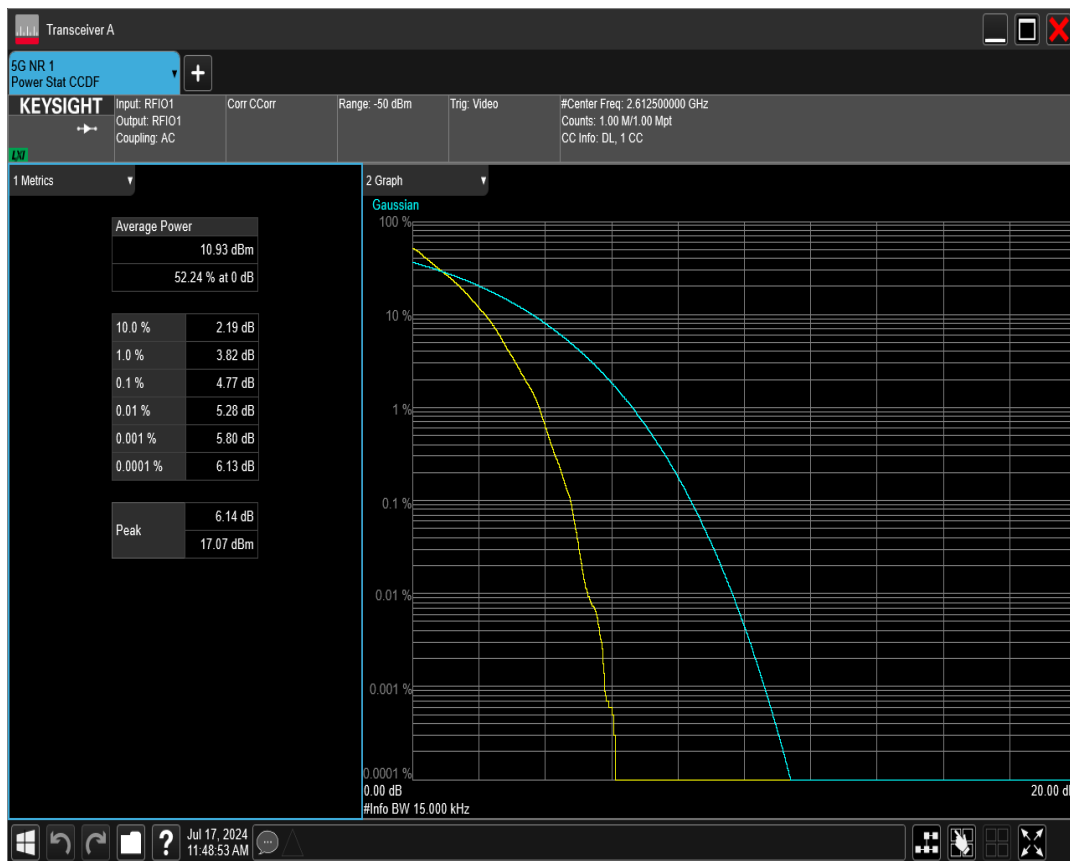
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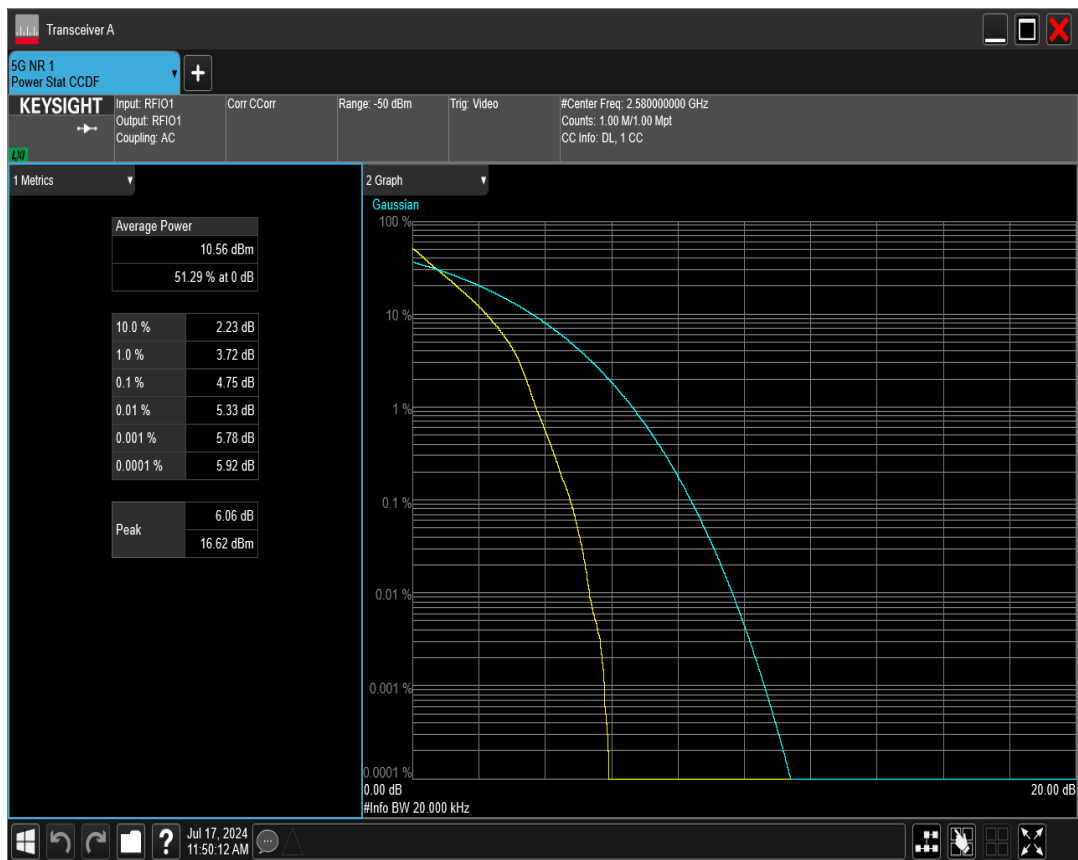
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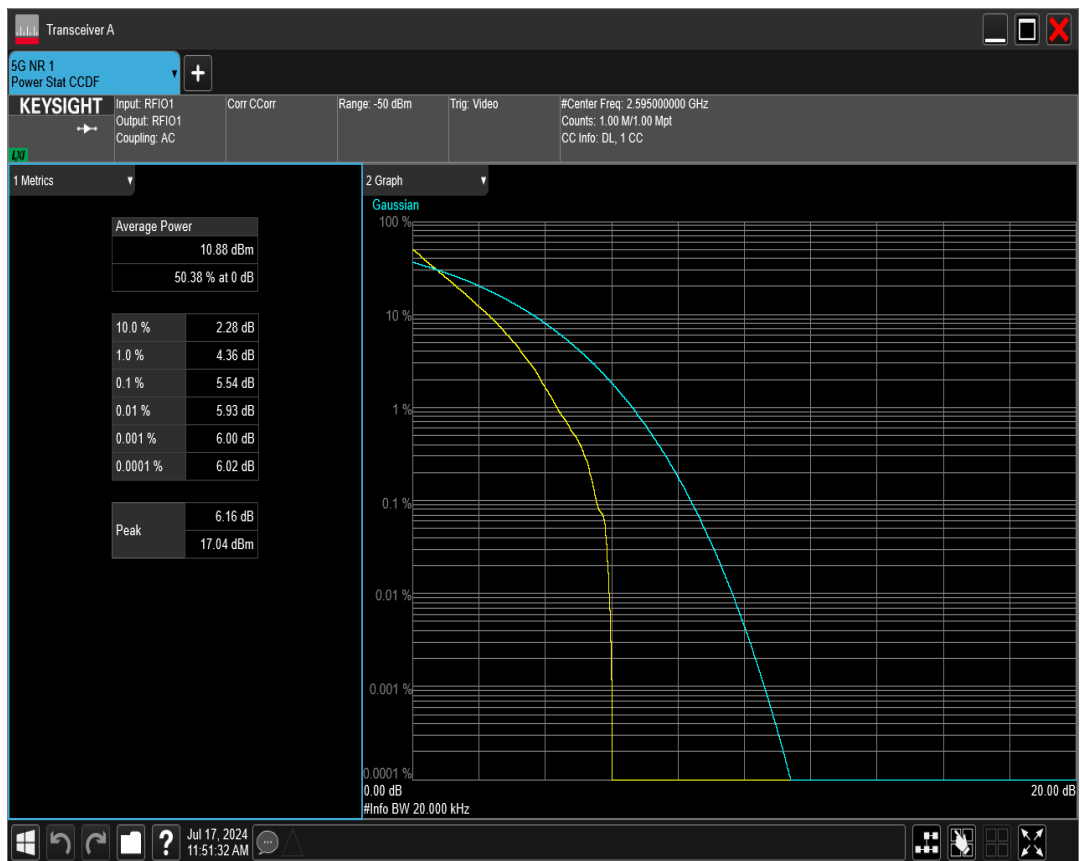
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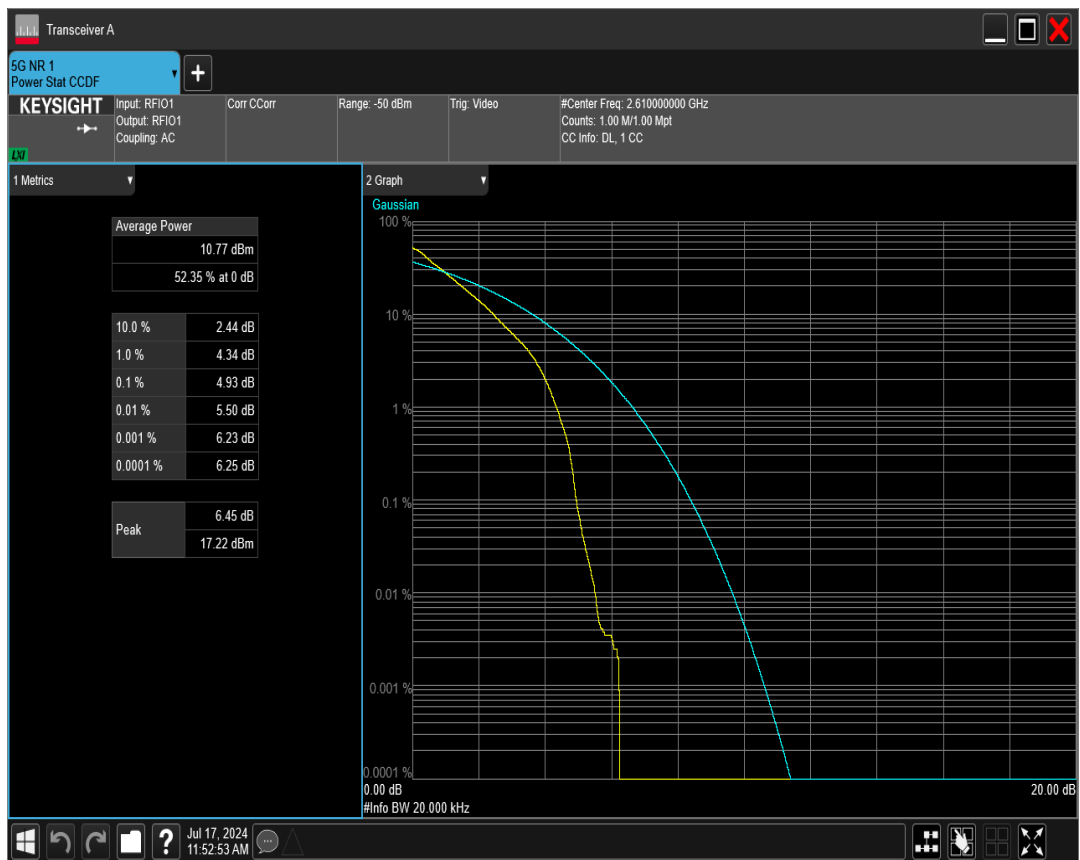
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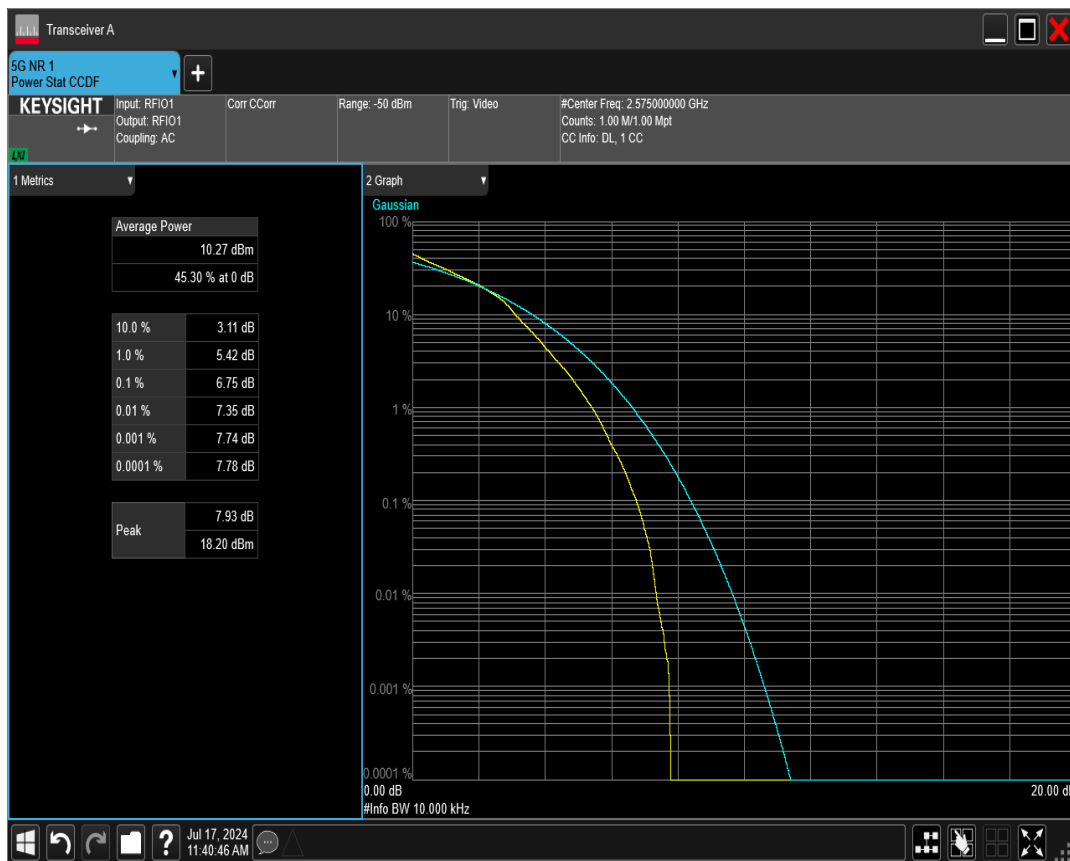
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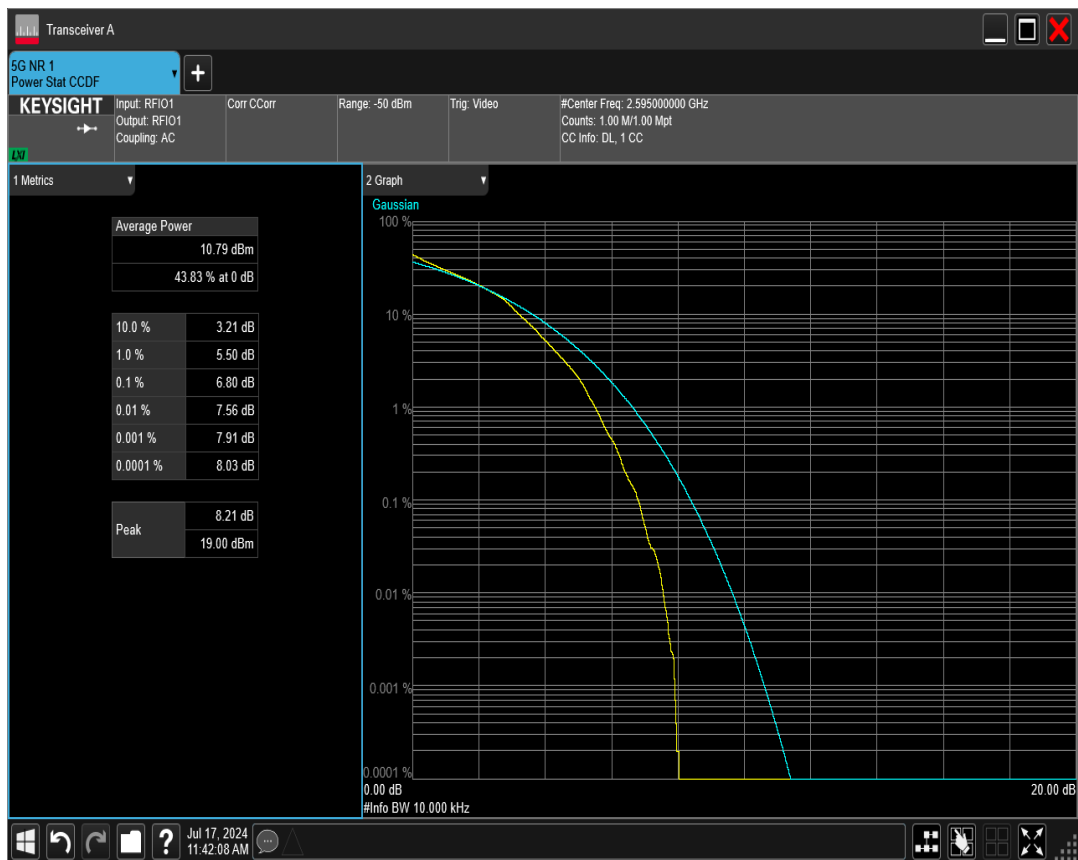
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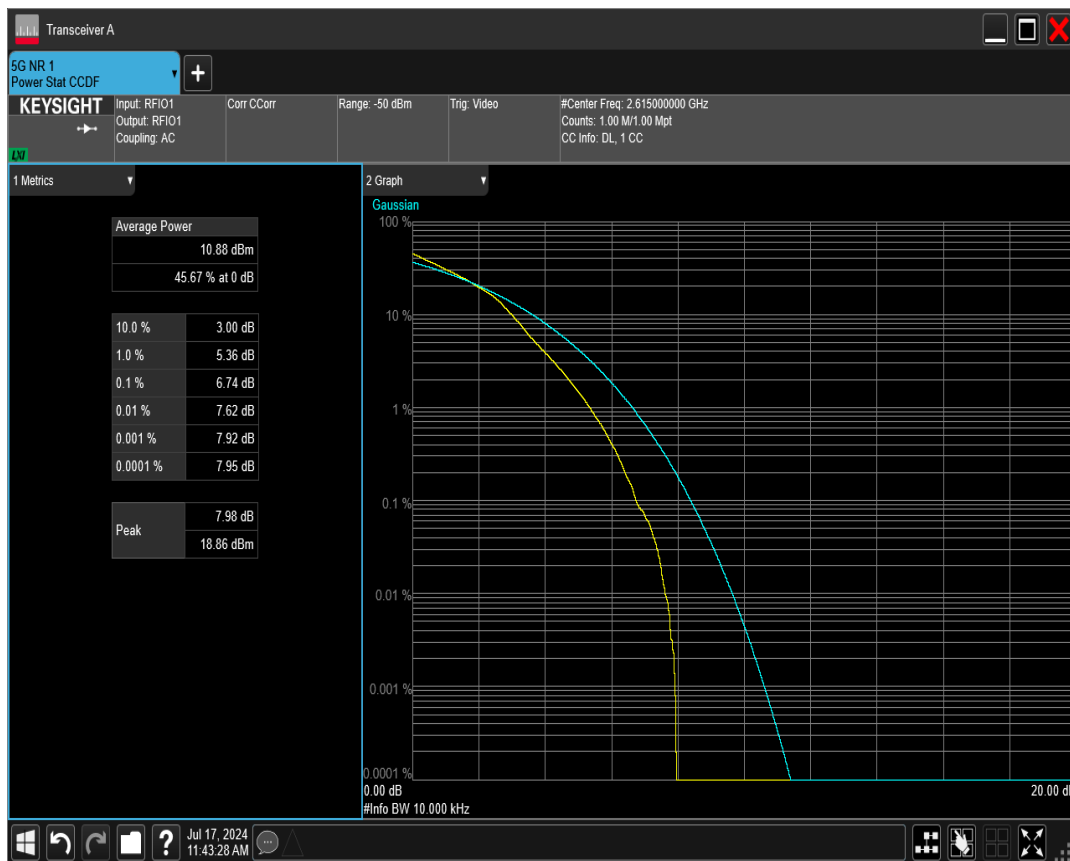
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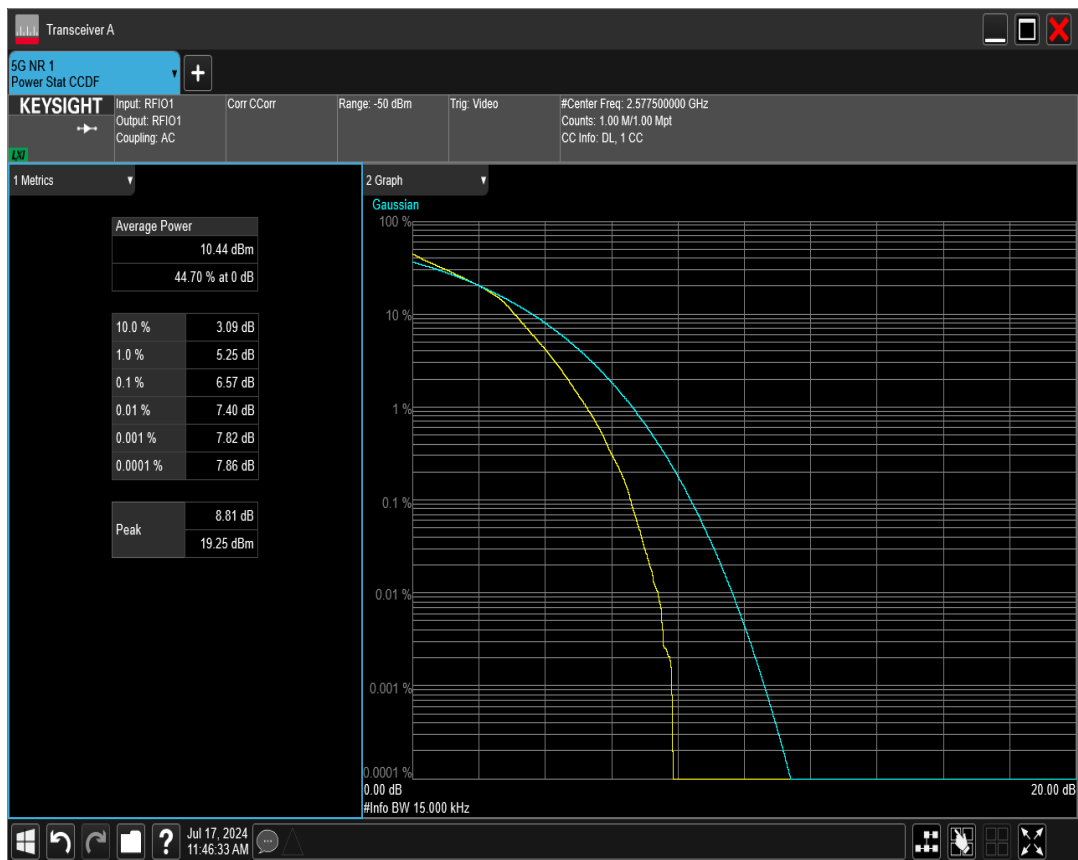
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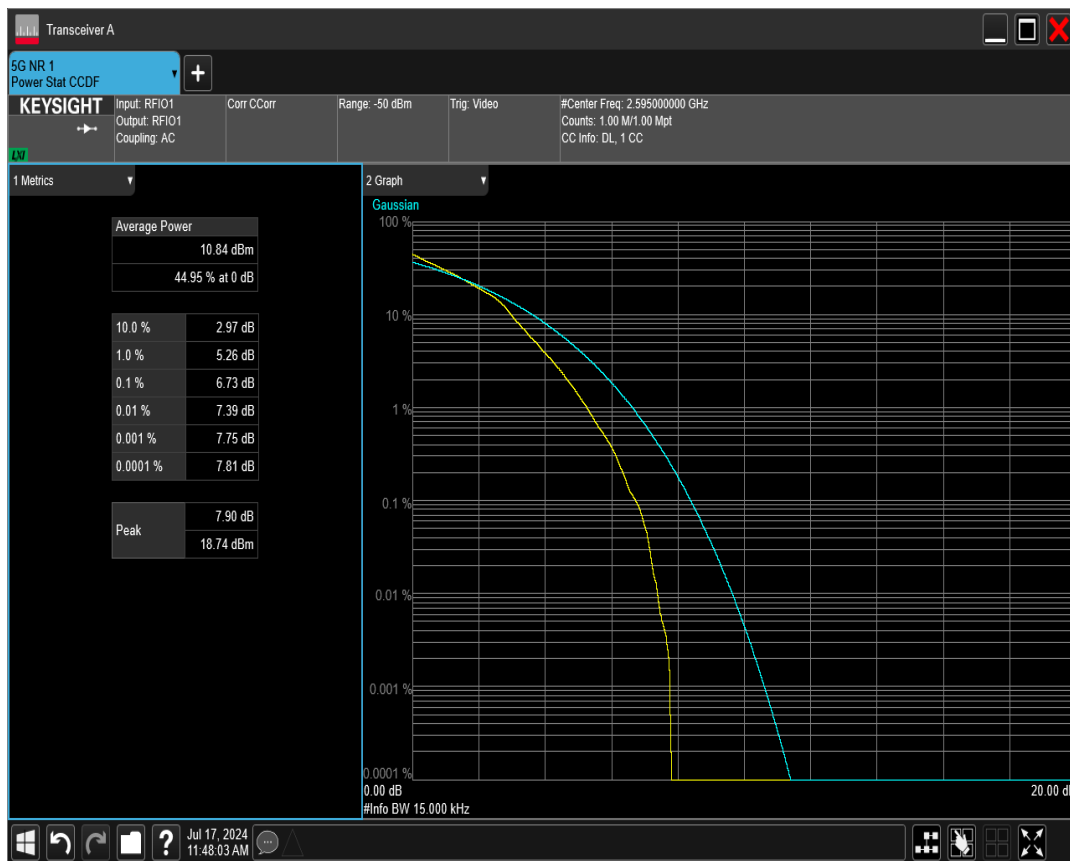
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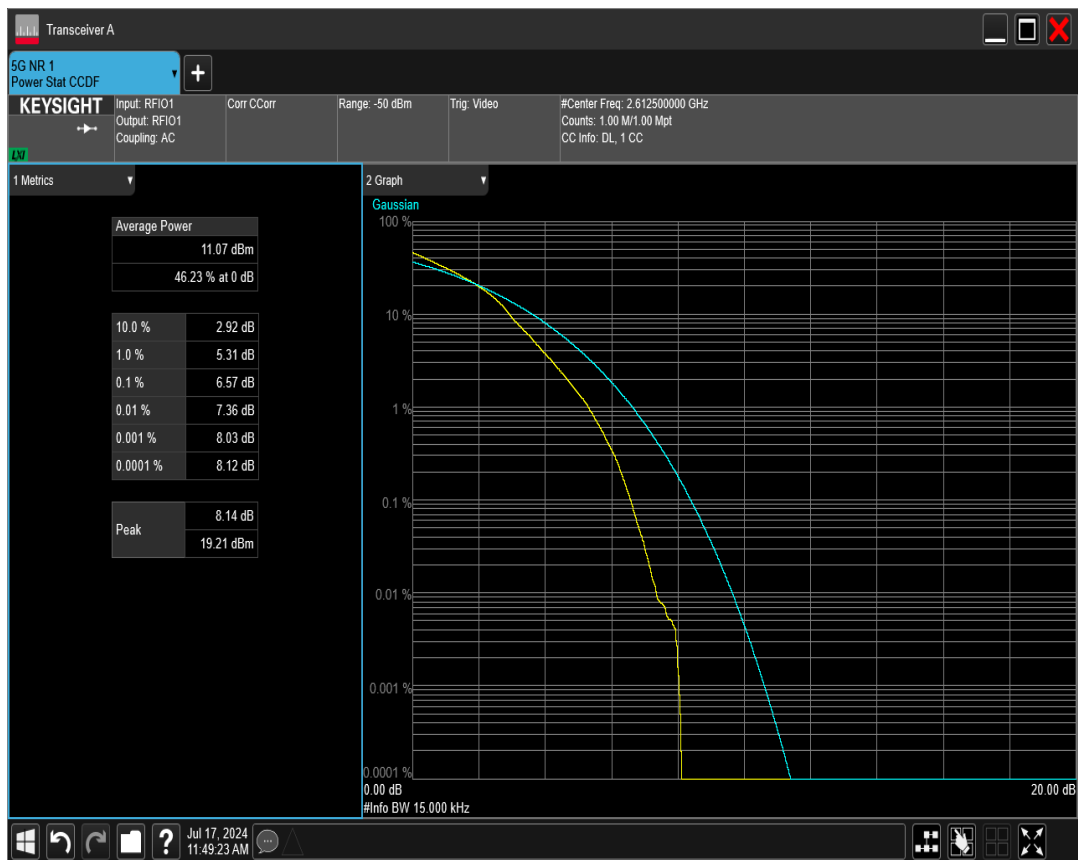
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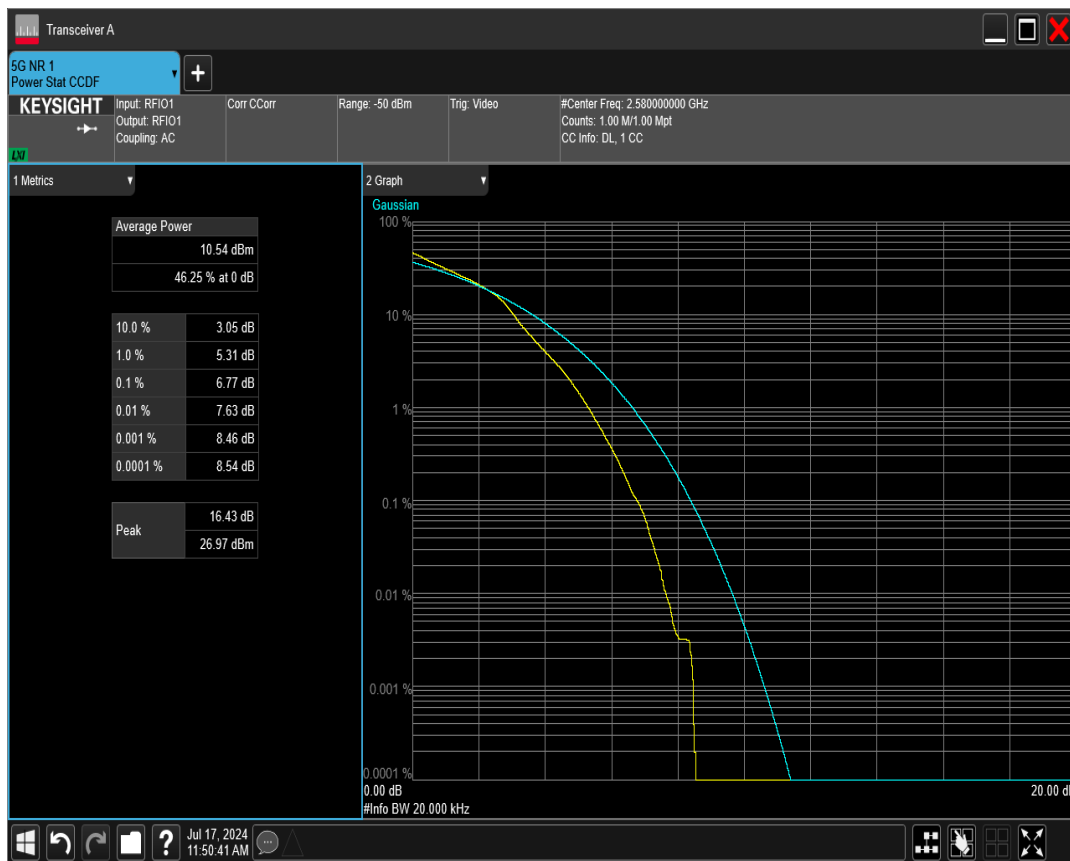
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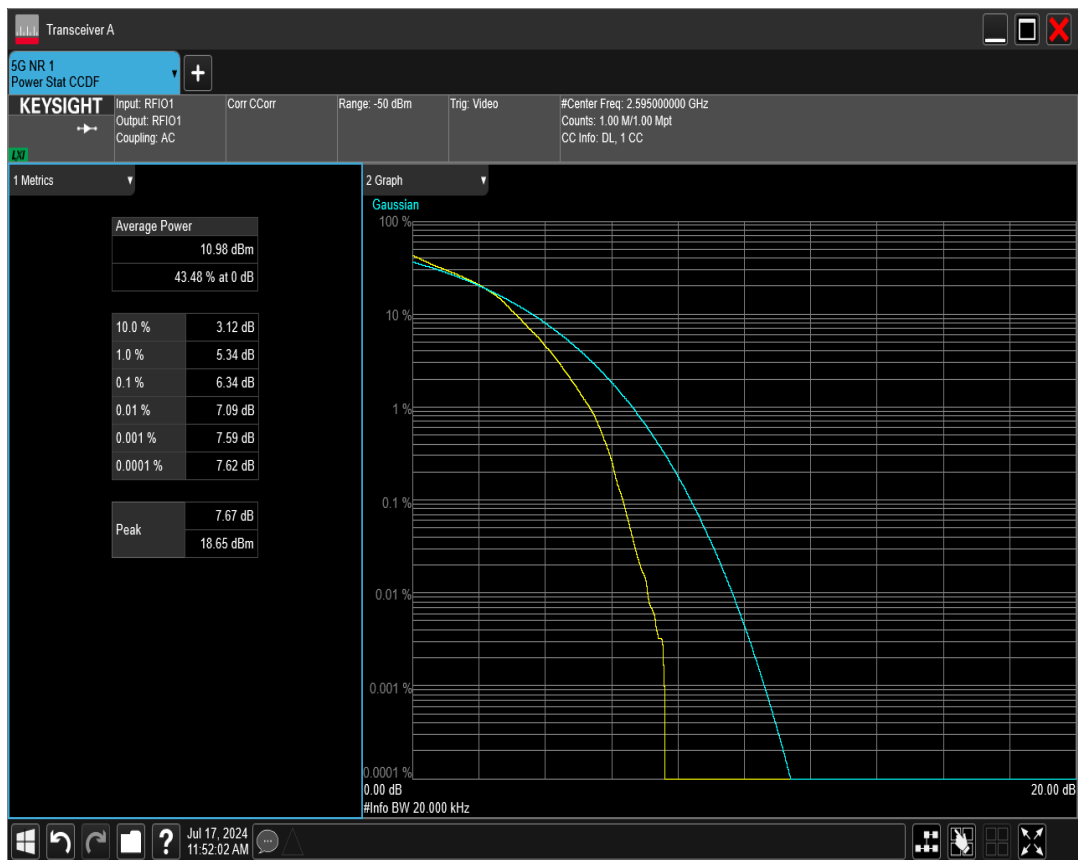
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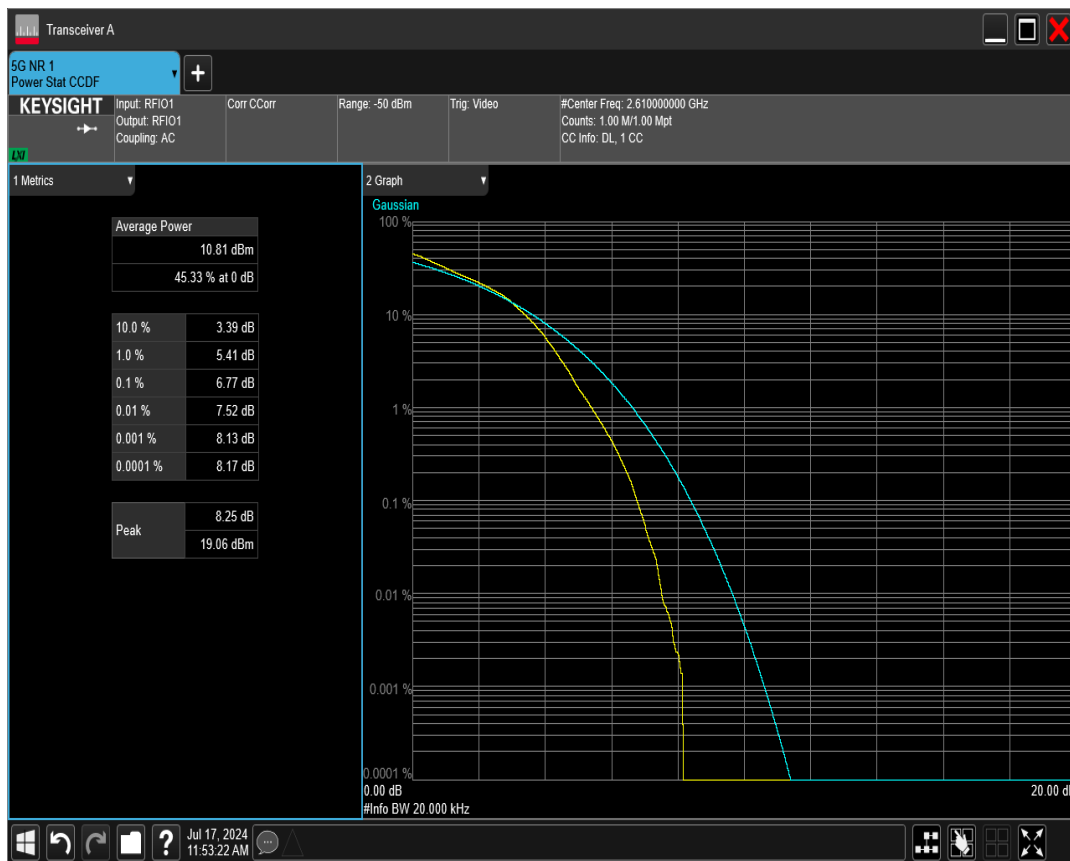
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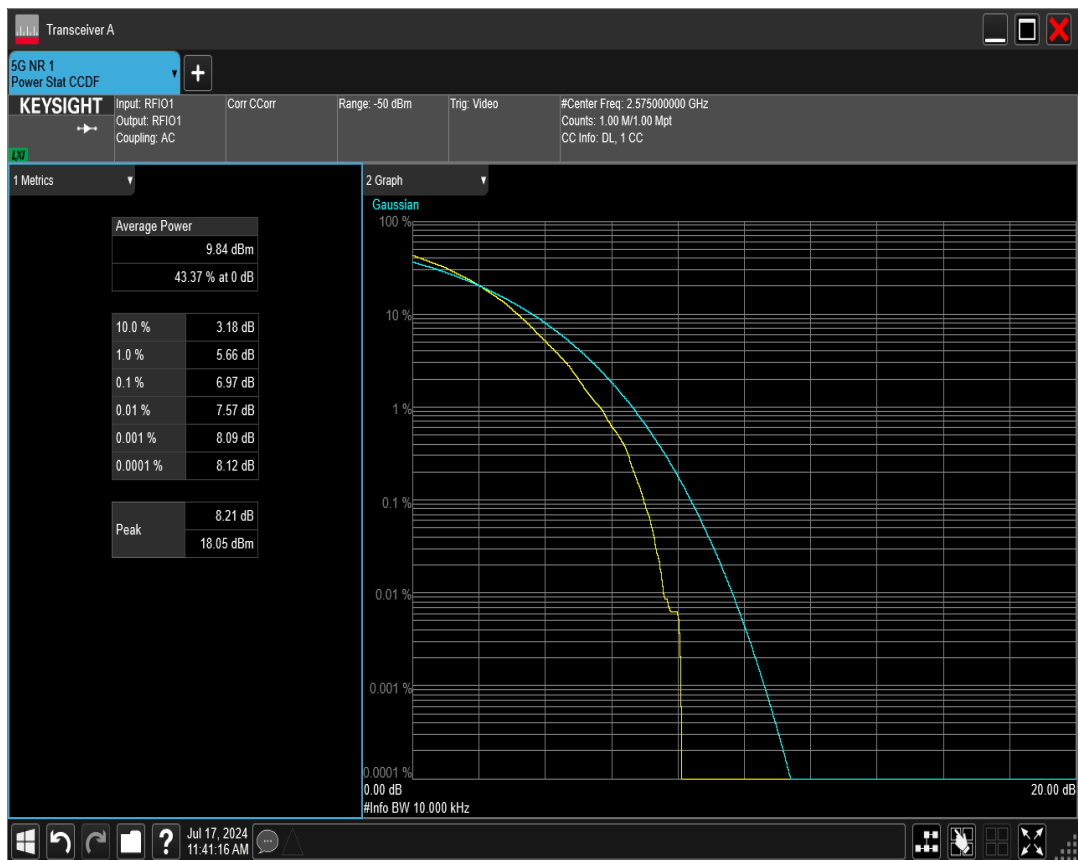
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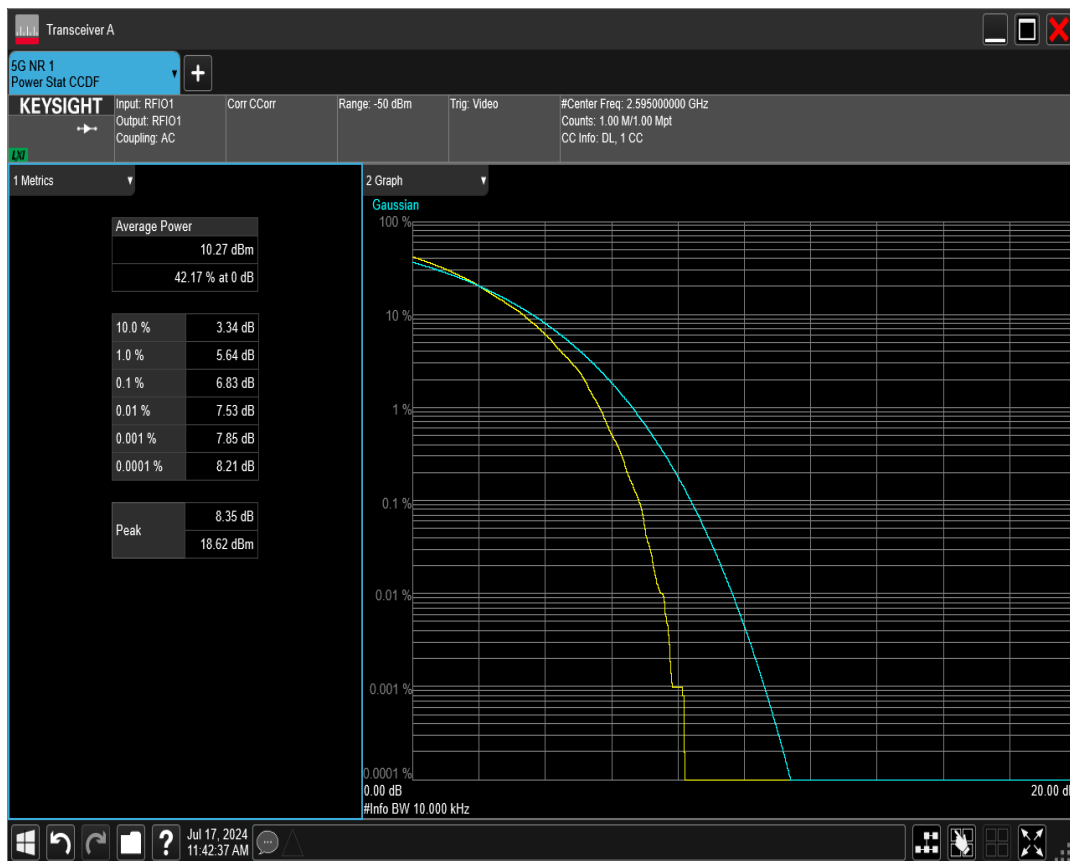
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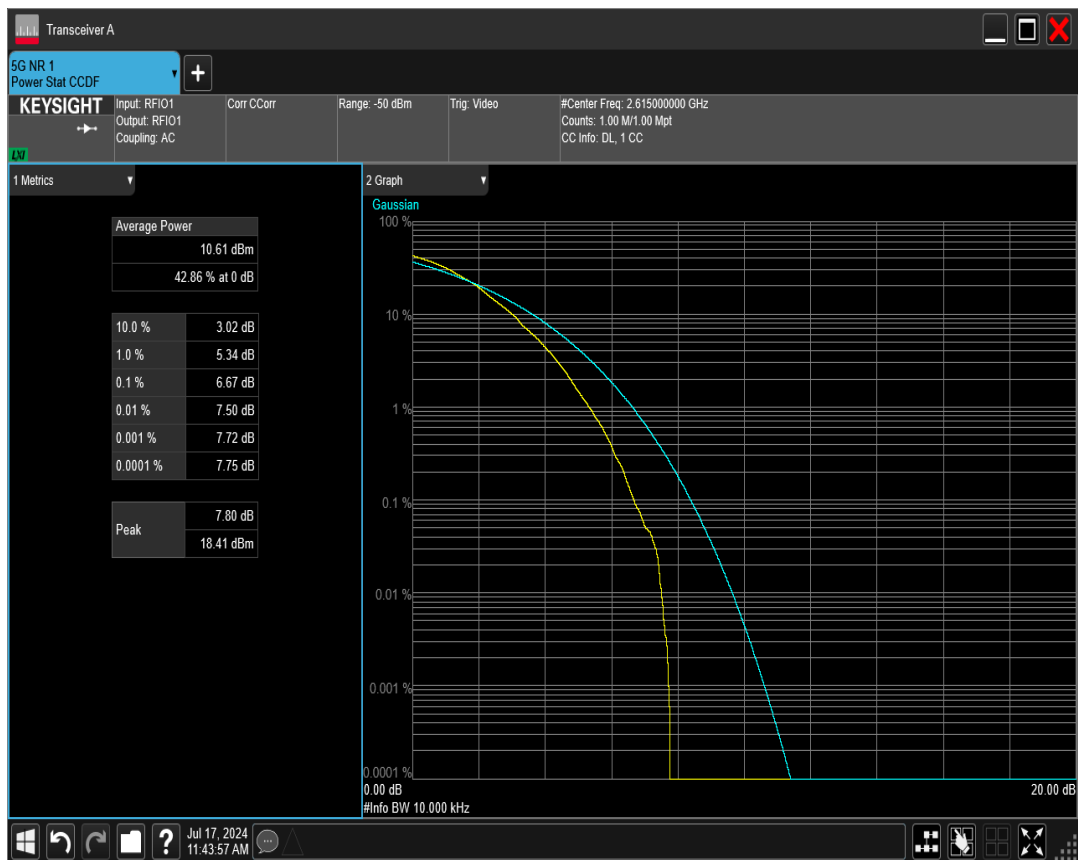
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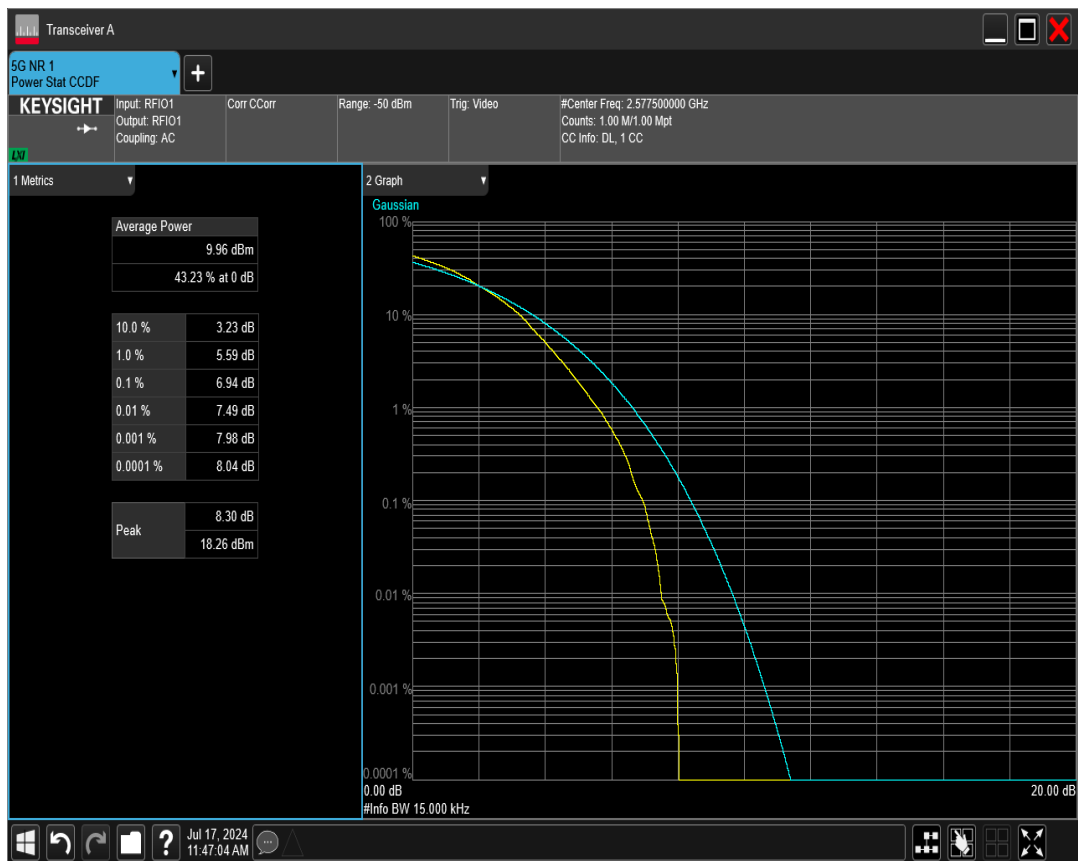
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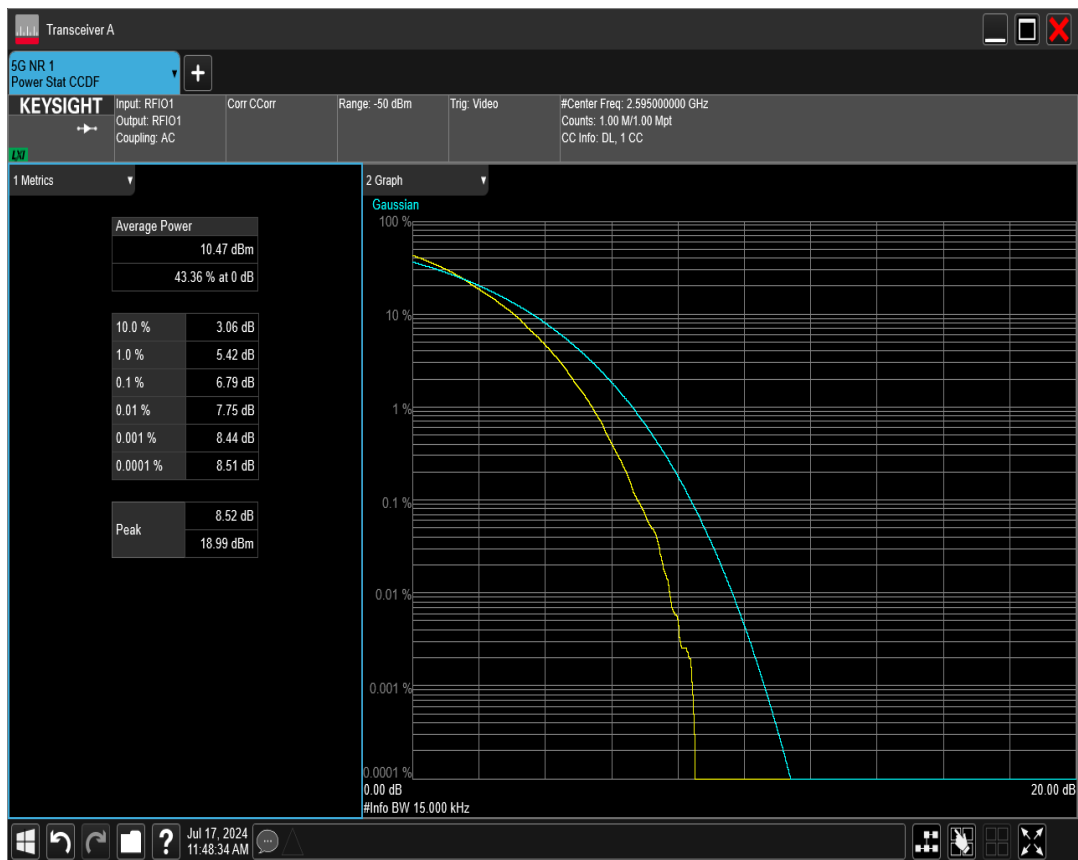
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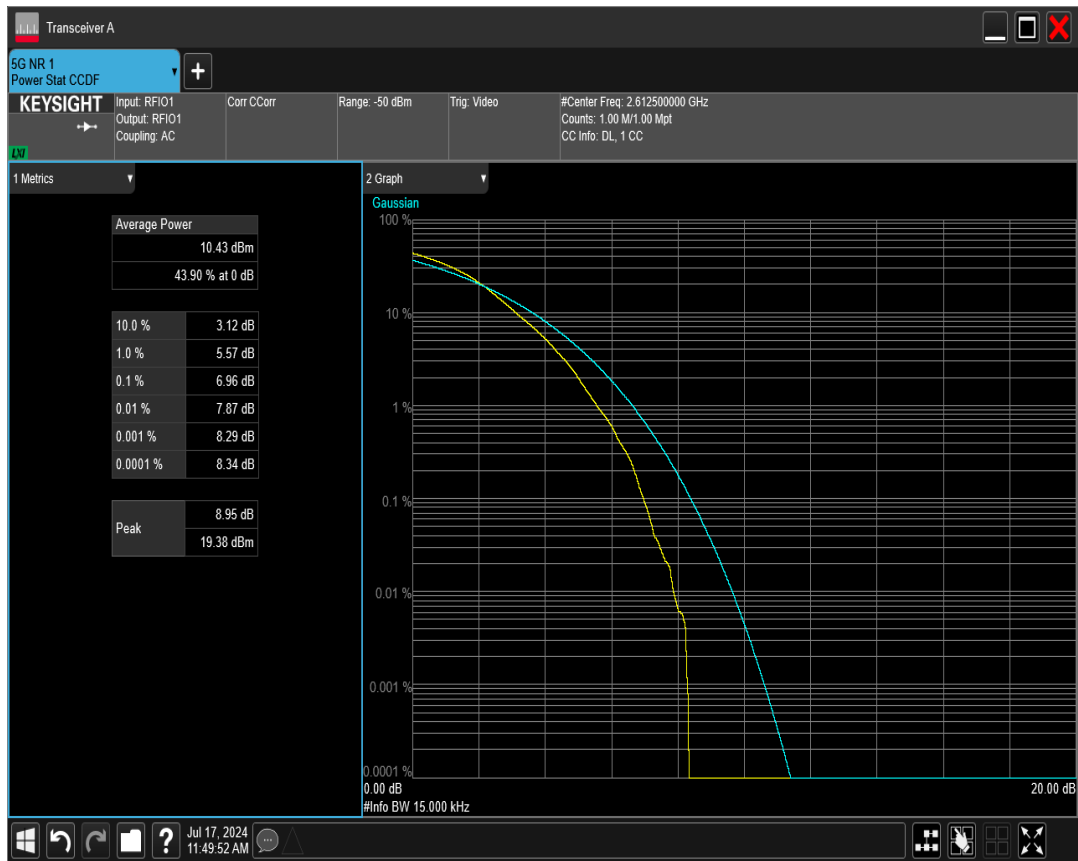
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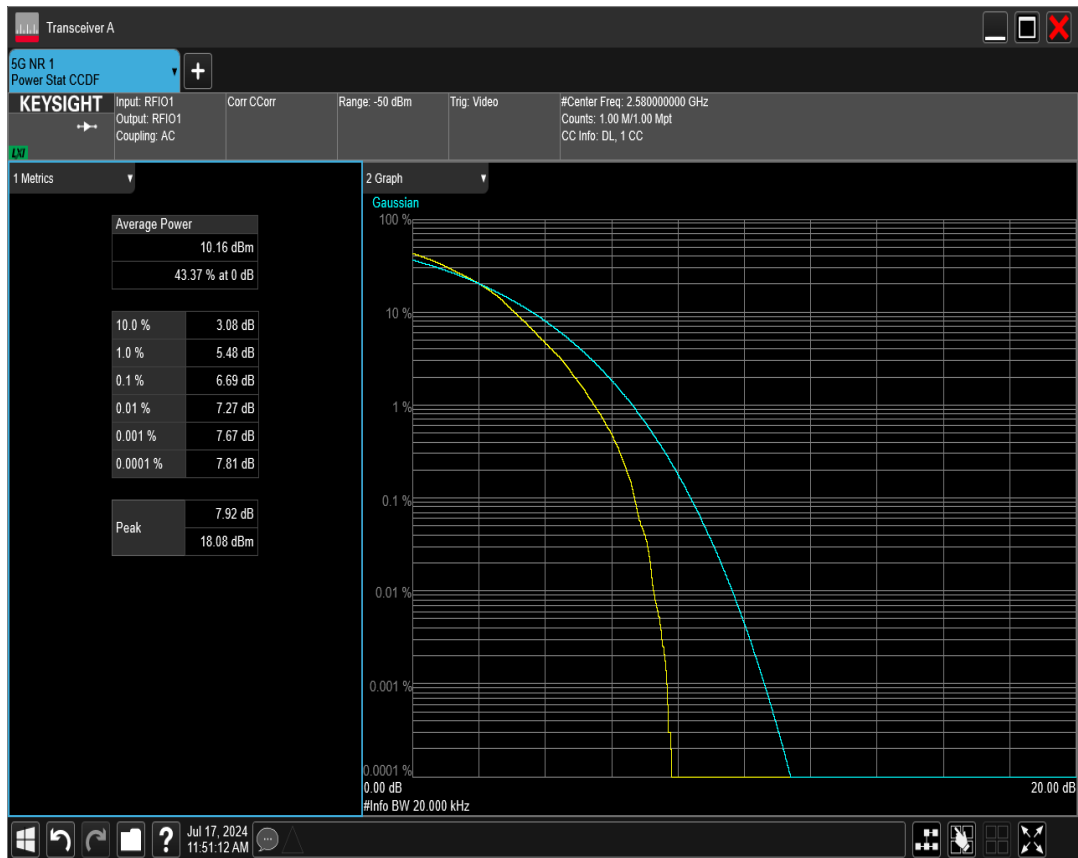
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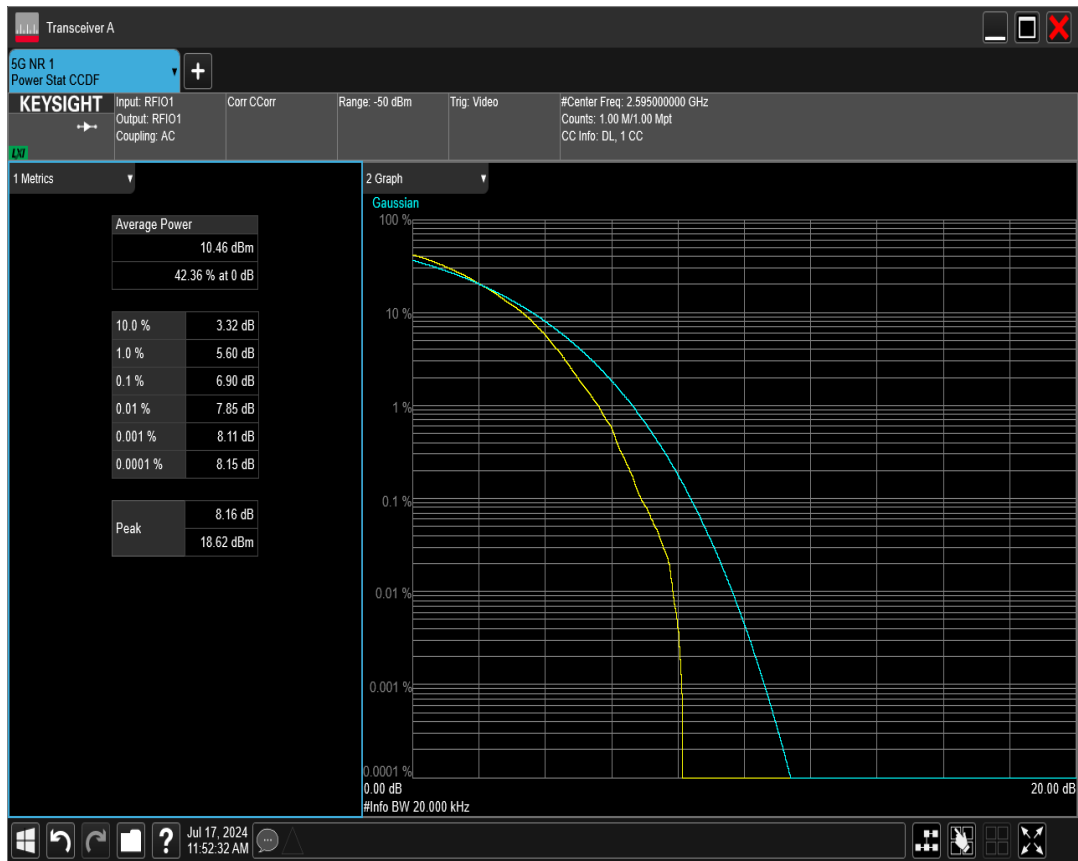
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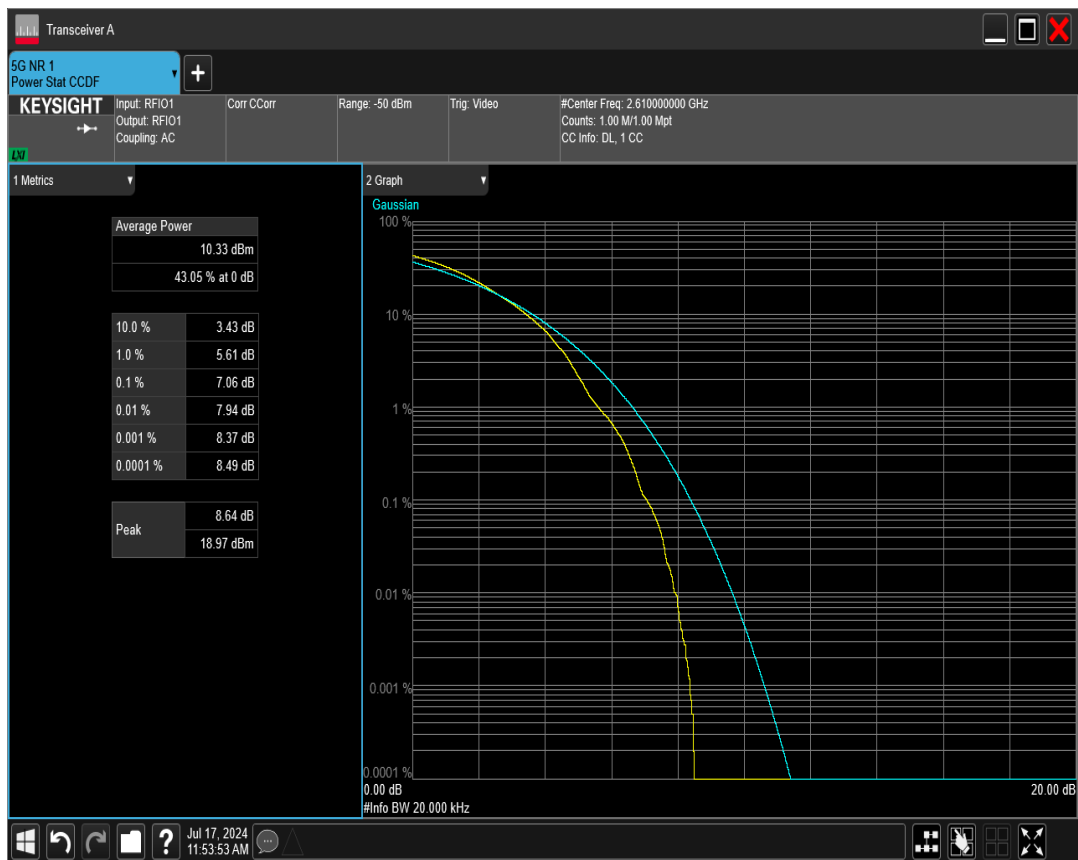
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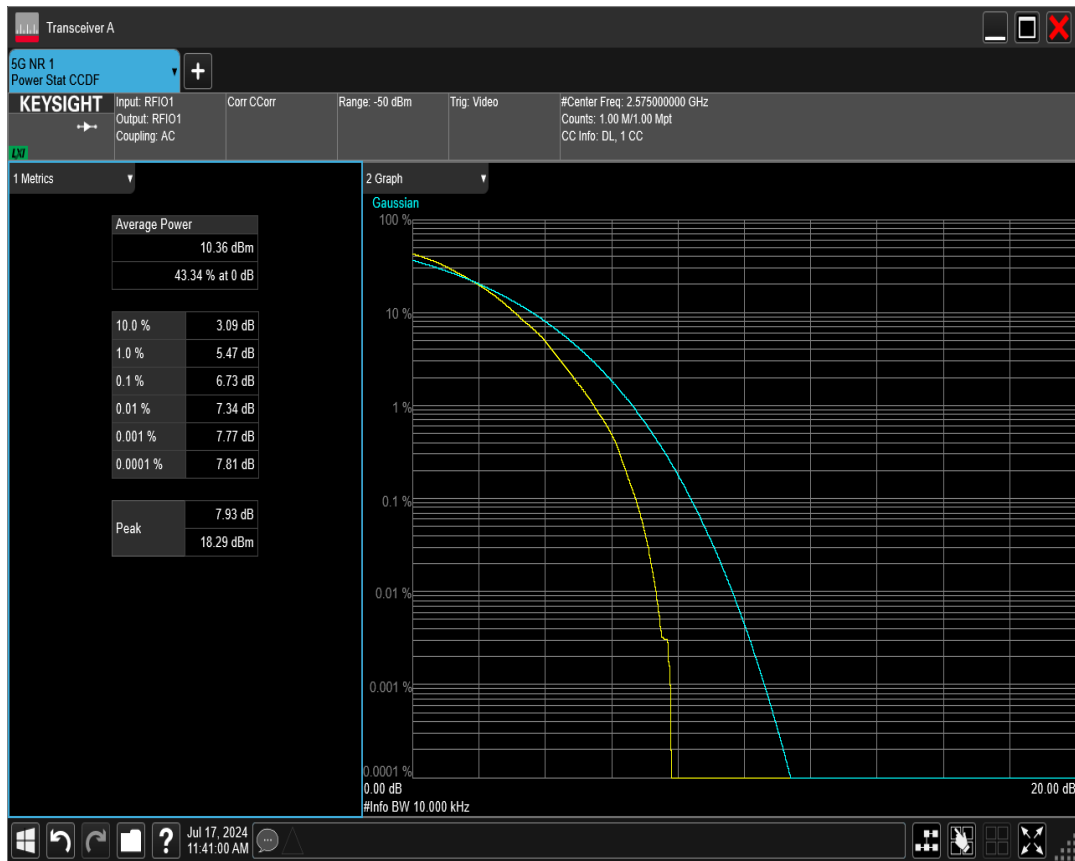
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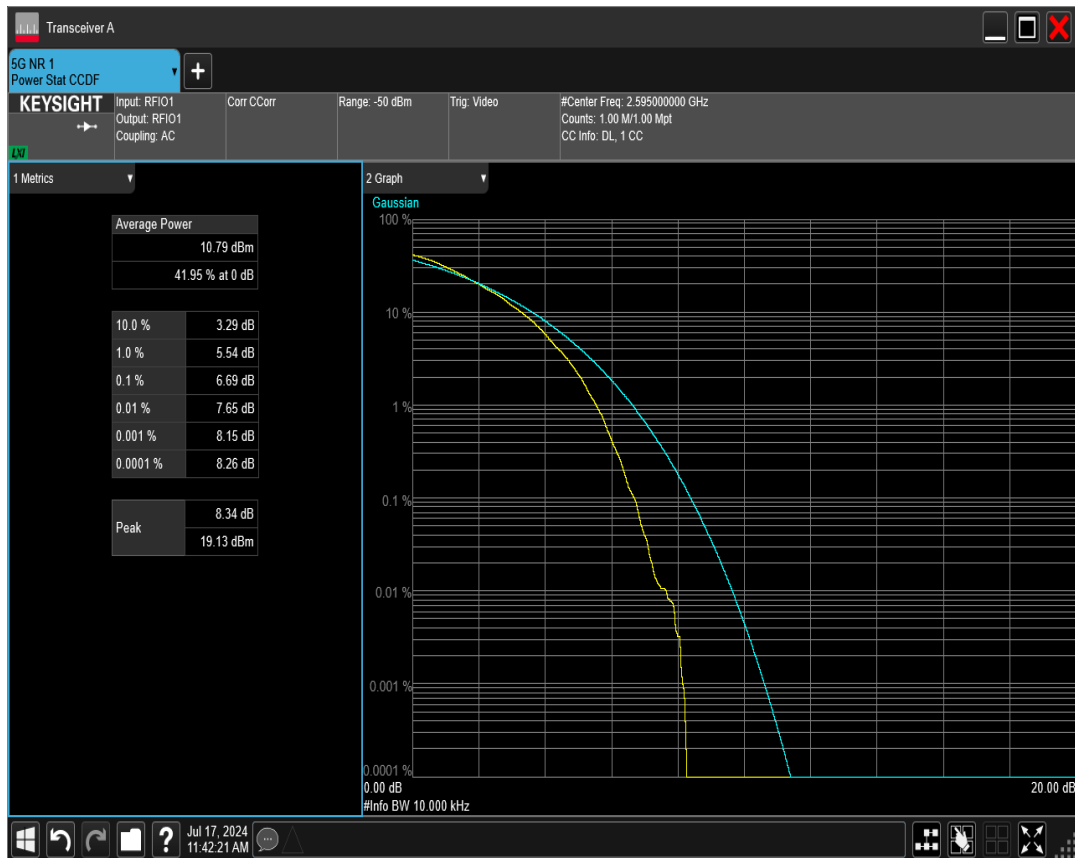
n38 SCS=30kHz DFT_QAM256 BW=20MHz Channel=522000 RB=50@0



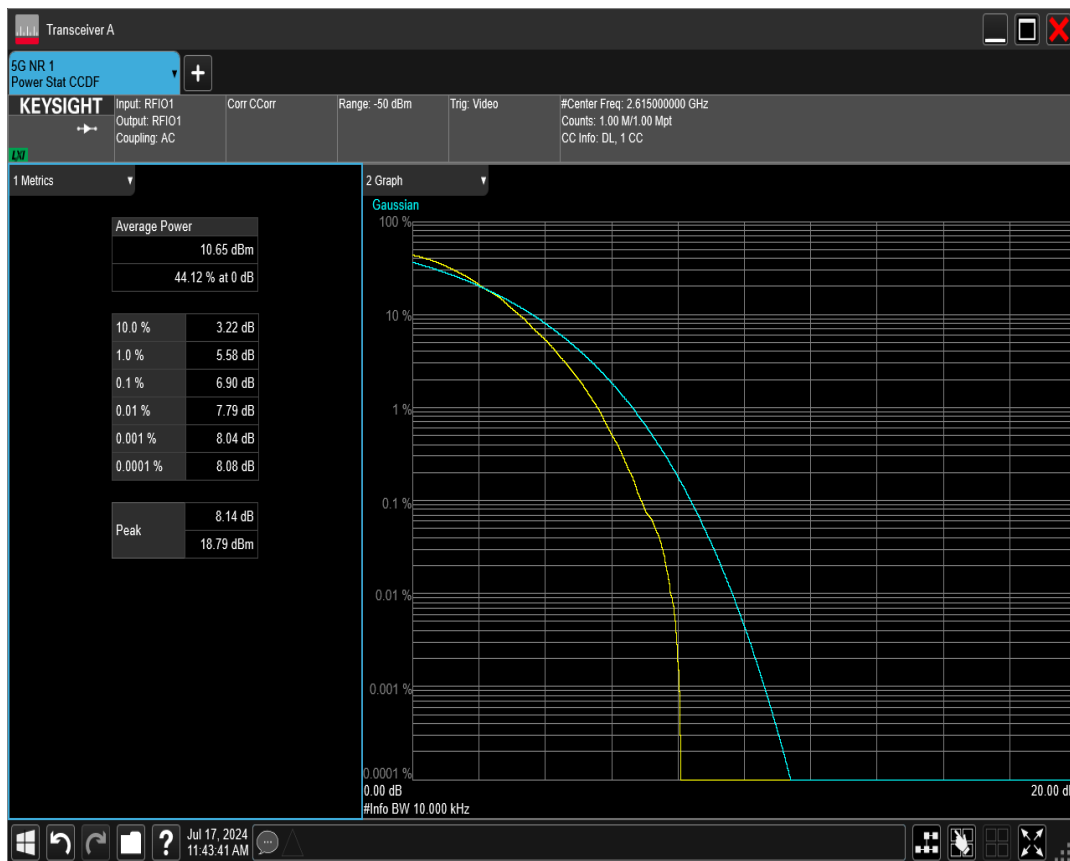
n38 SCS=30kHz DFT_QAM64 BW=10MHz Channel=515000 RB=24@0



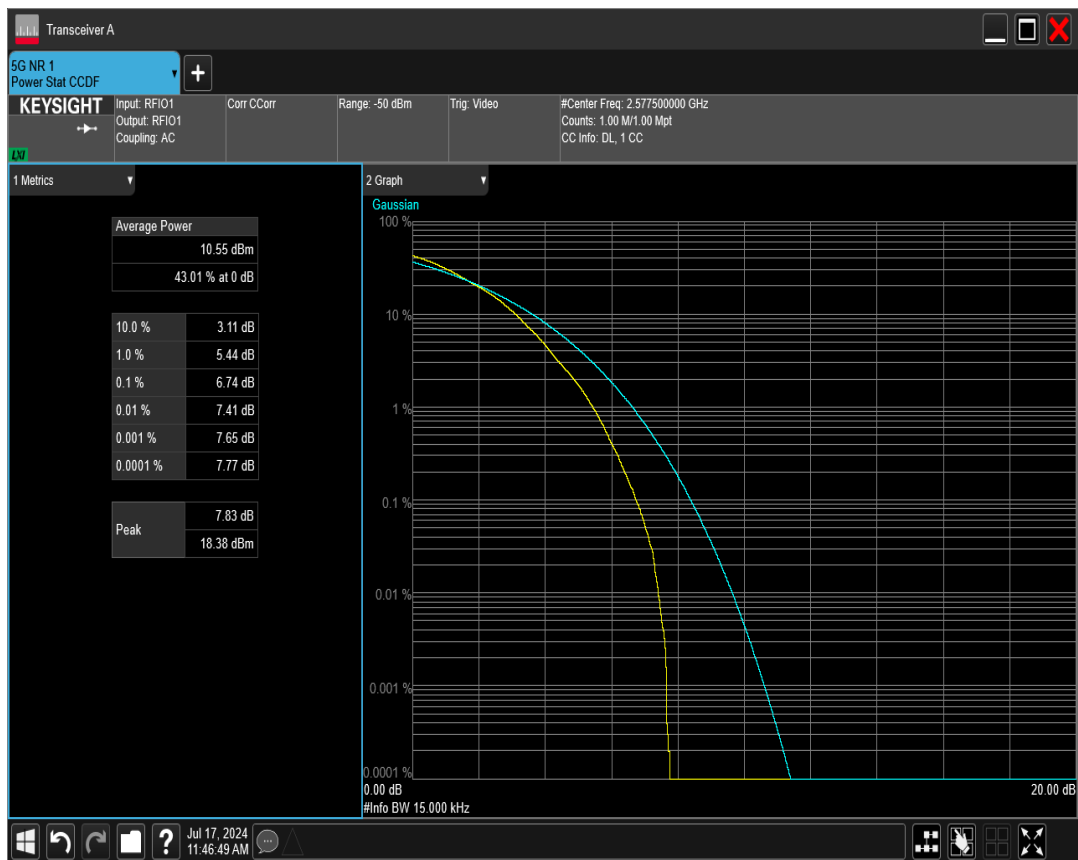
n38 SCS=30kHz DFT_QAM64 BW=10MHz Channel=519000 RB=24@0



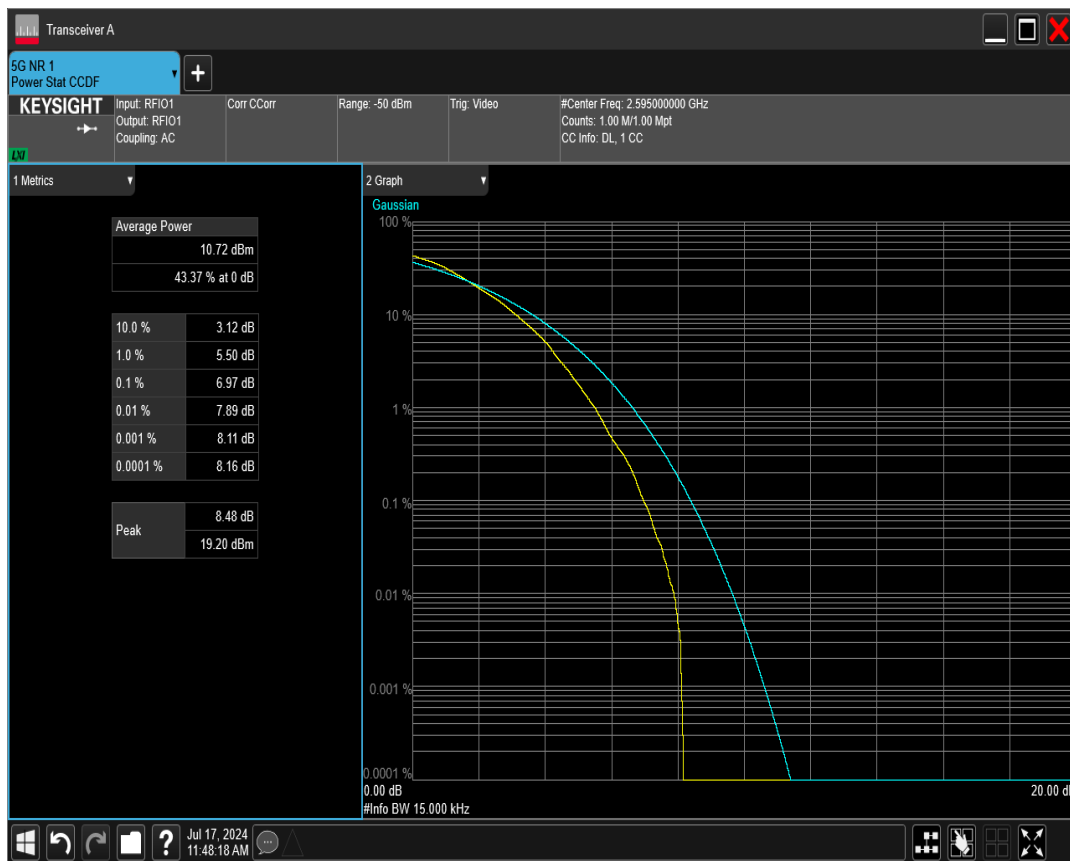
n38 SCS=30kHz DFT_QAM64 BW=10MHz Channel=523000 RB=24@0



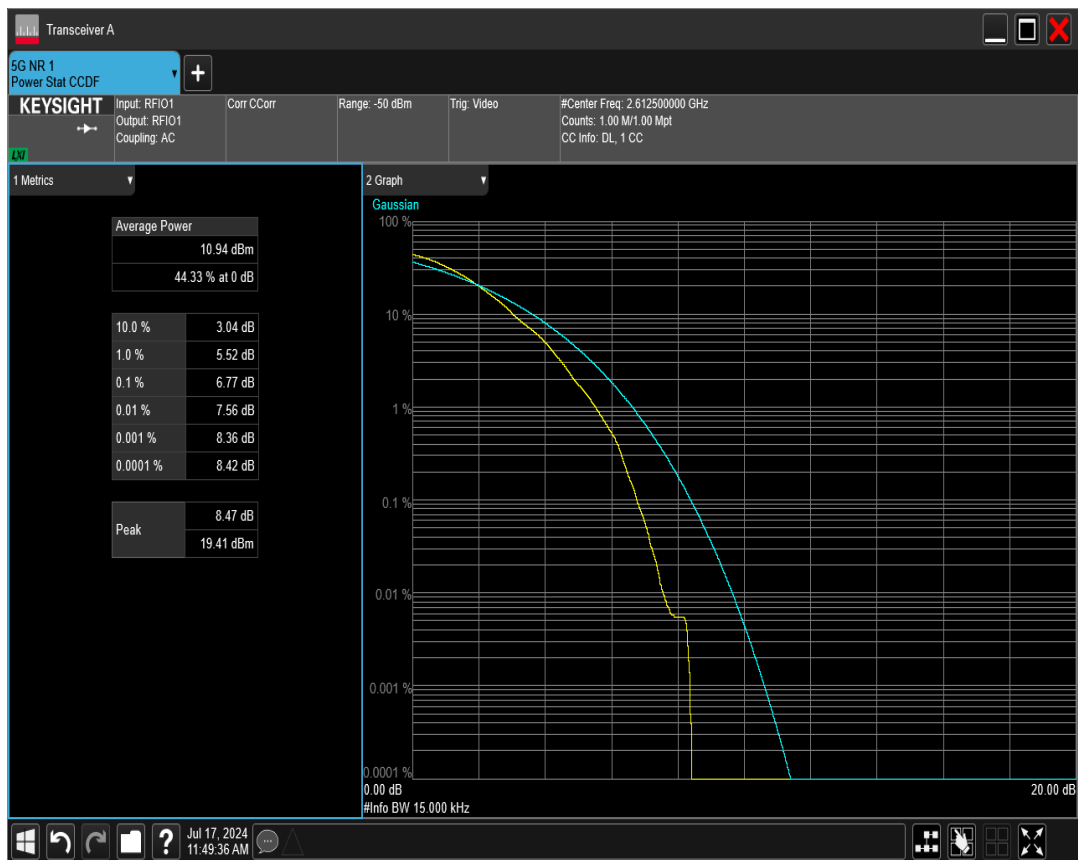
n38 SCS=30kHz DFT_QAM64 BW=15MHz Channel=515500 RB=36@0



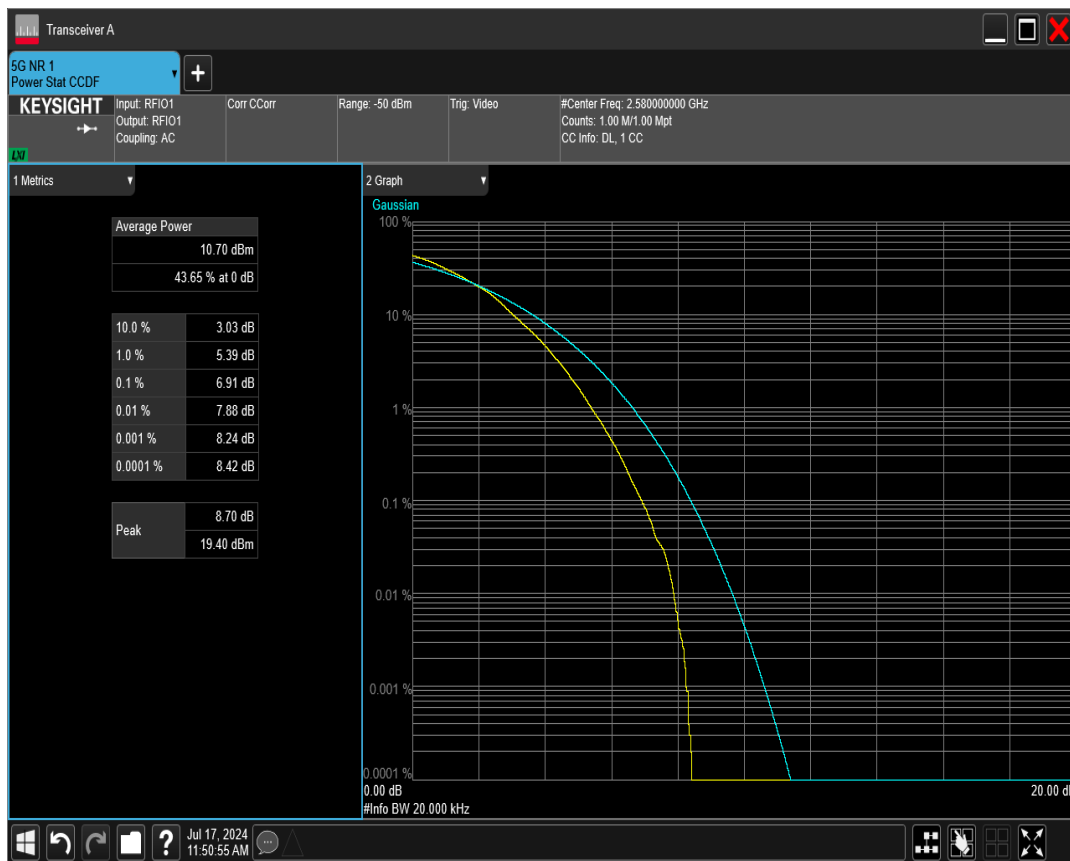
n38 SCS=30kHz DFT_QAM64 BW=15MHz Channel=519000 RB=36@0



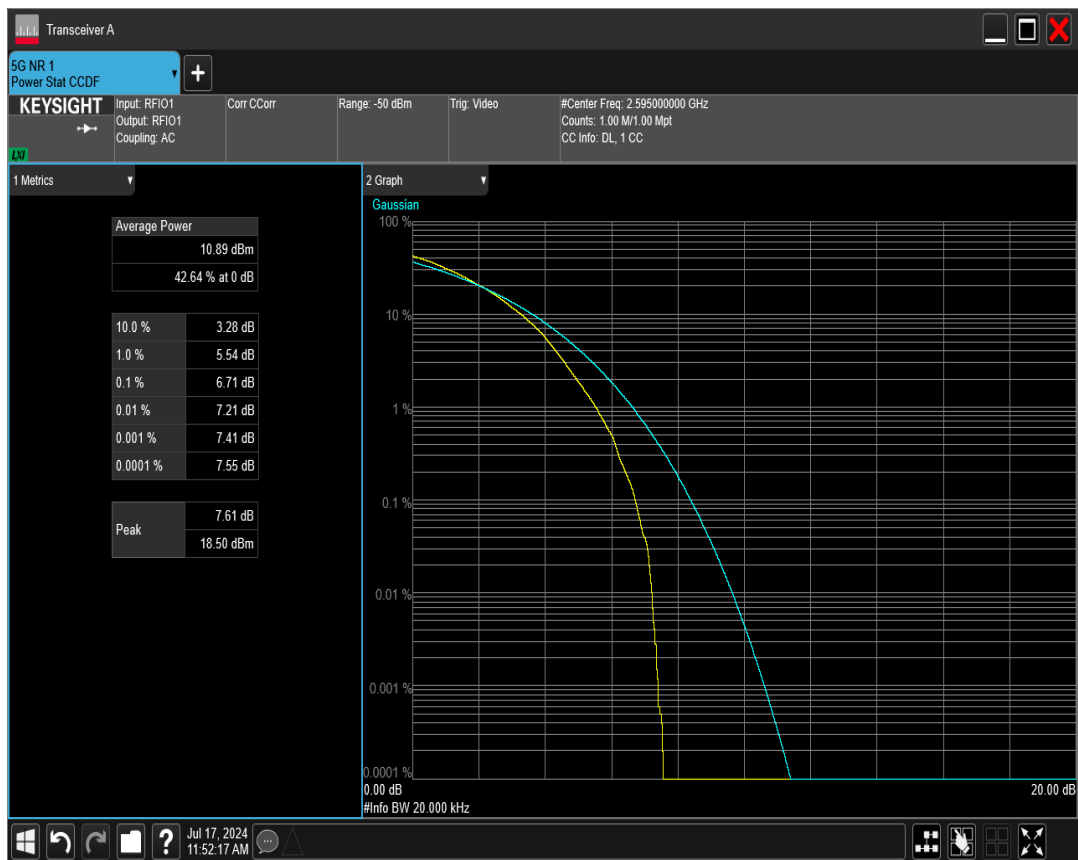
n38 SCS=30kHz DFT_QAM64 BW=15MHz Channel=522500 RB=36@0



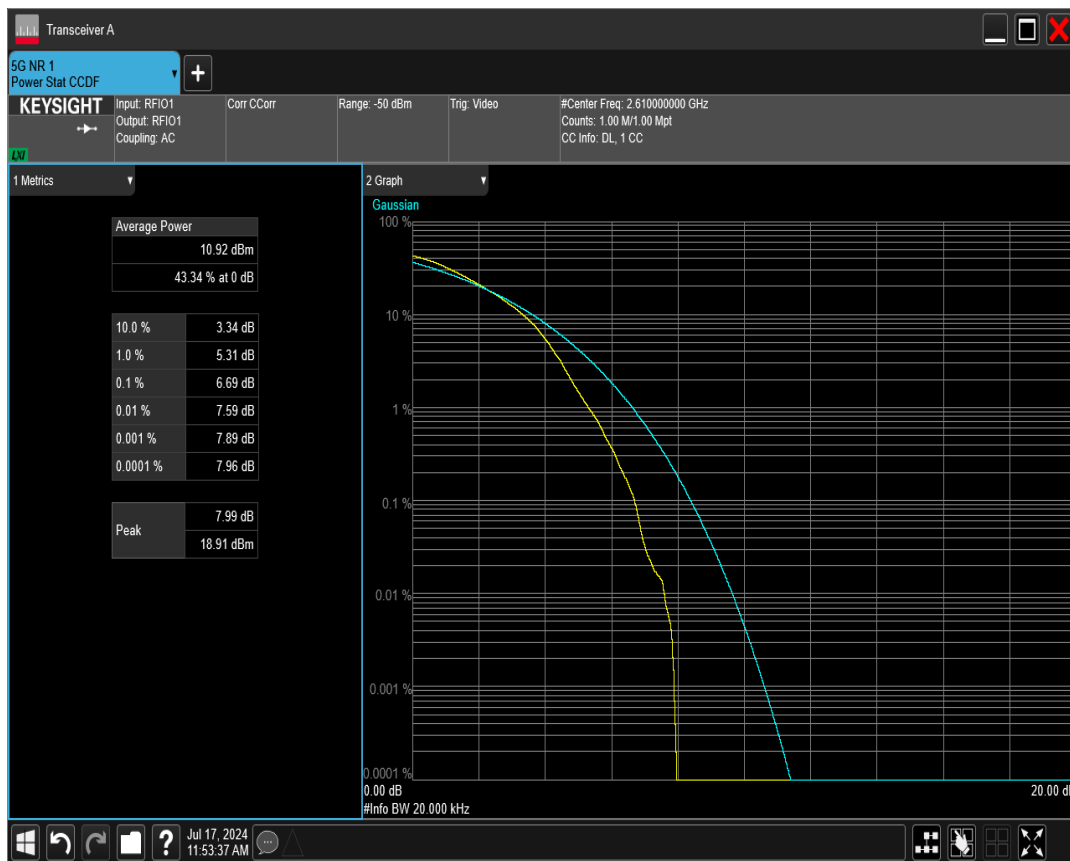
n38 SCS=30kHz DFT_QAM64 BW=20MHz Channel=516000 RB=50@0



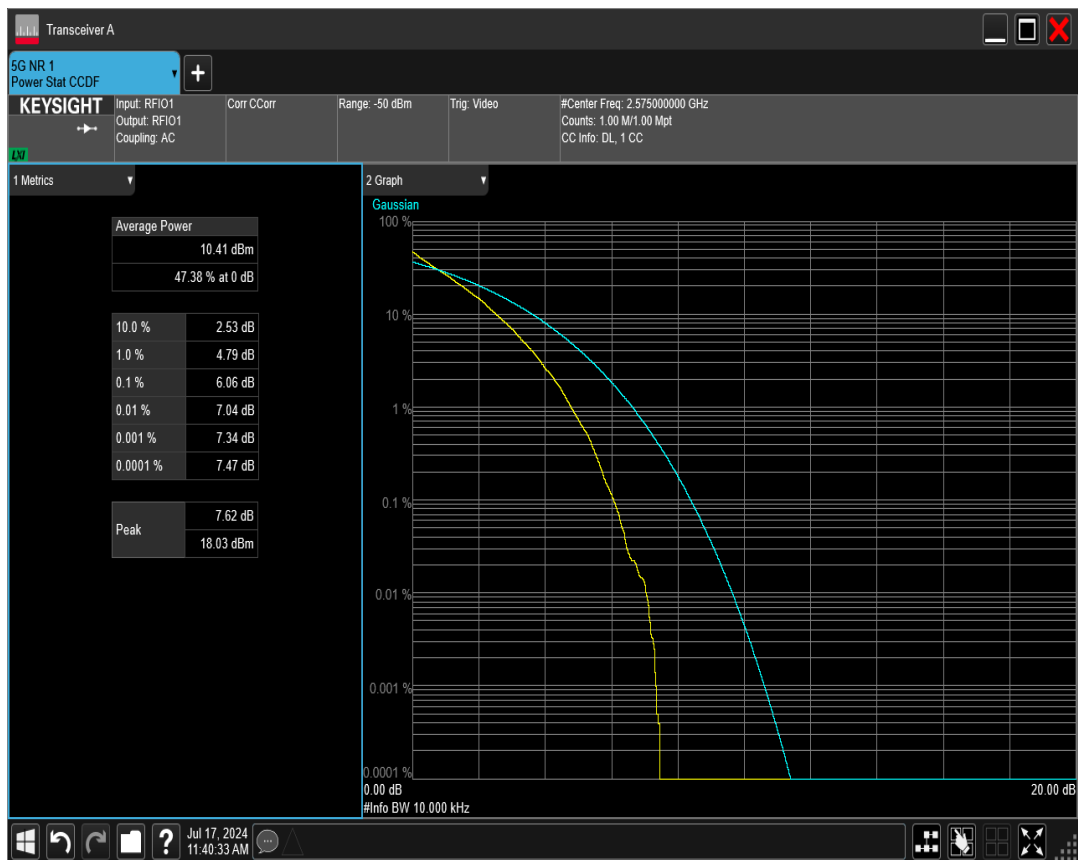
n38 SCS=30kHz DFT_QAM64 BW=20MHz Channel=519000 RB=50@0



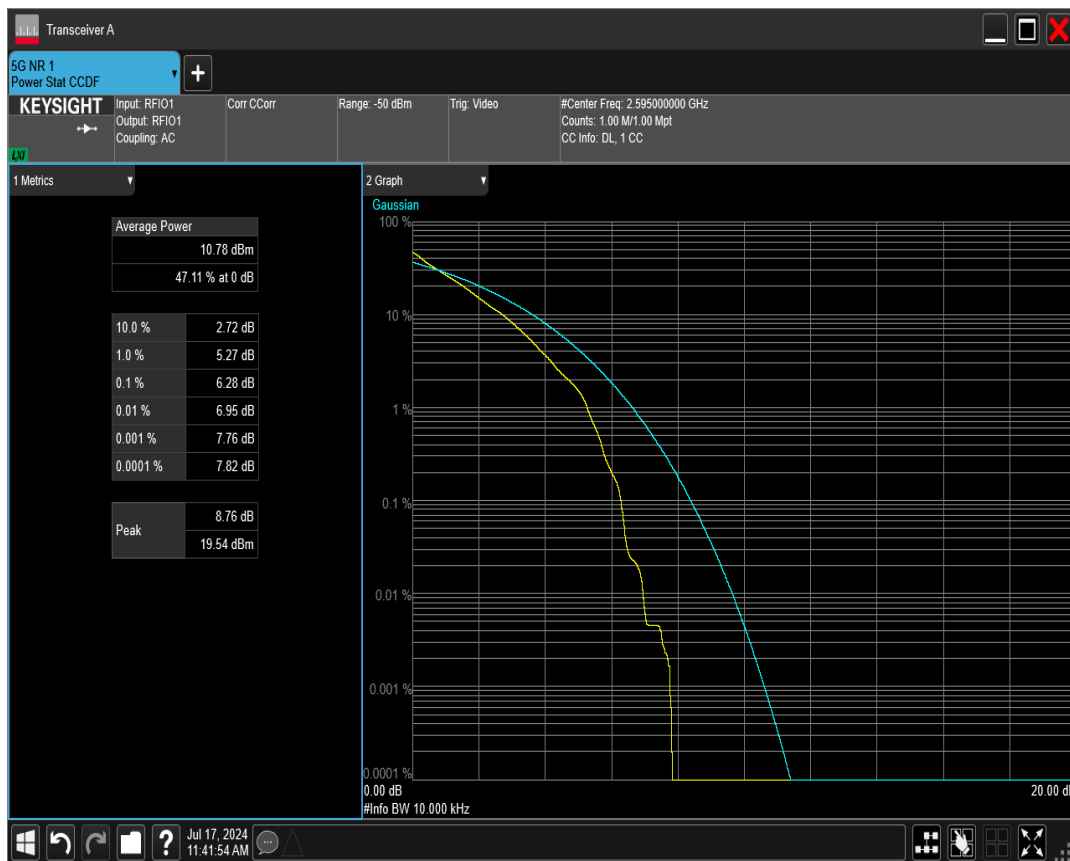
n38 SCS=30kHz DFT_QAM64 BW=20MHz Channel=522000 RB=50@0



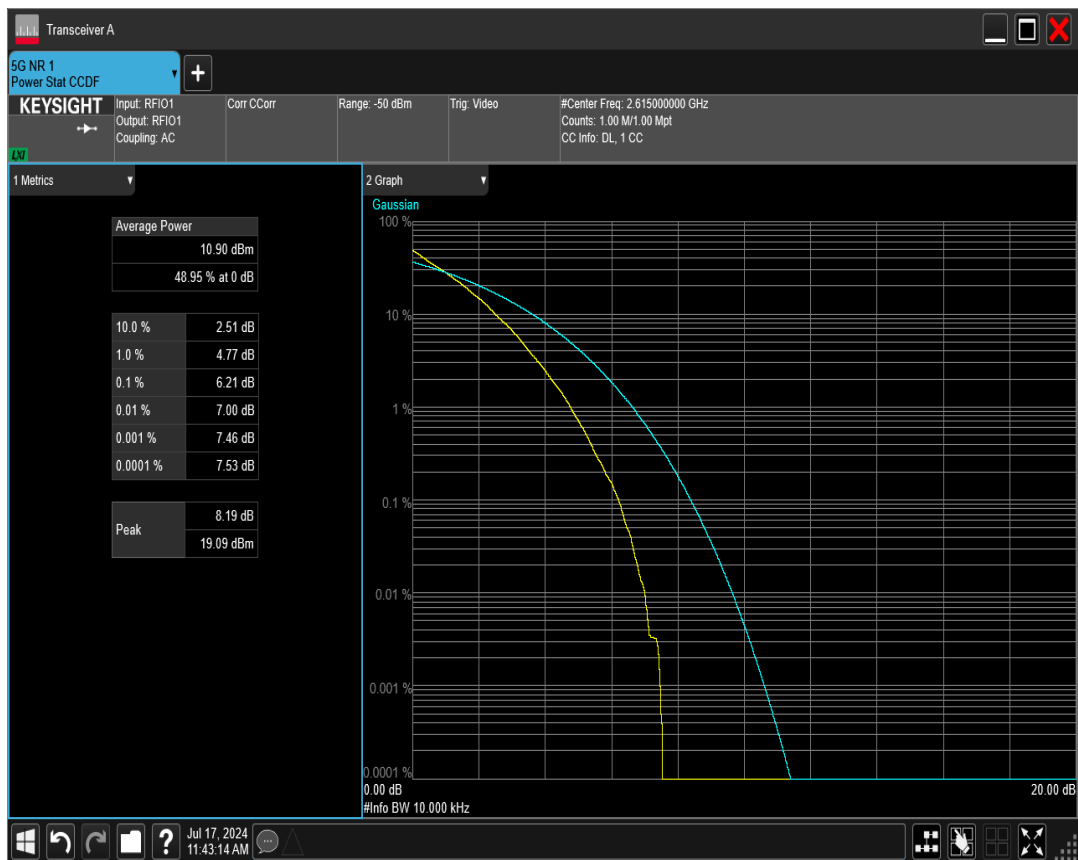
n38 SCS=30kHz DFT_QPSK BW=10MHz Channel=515000 RB=24@0



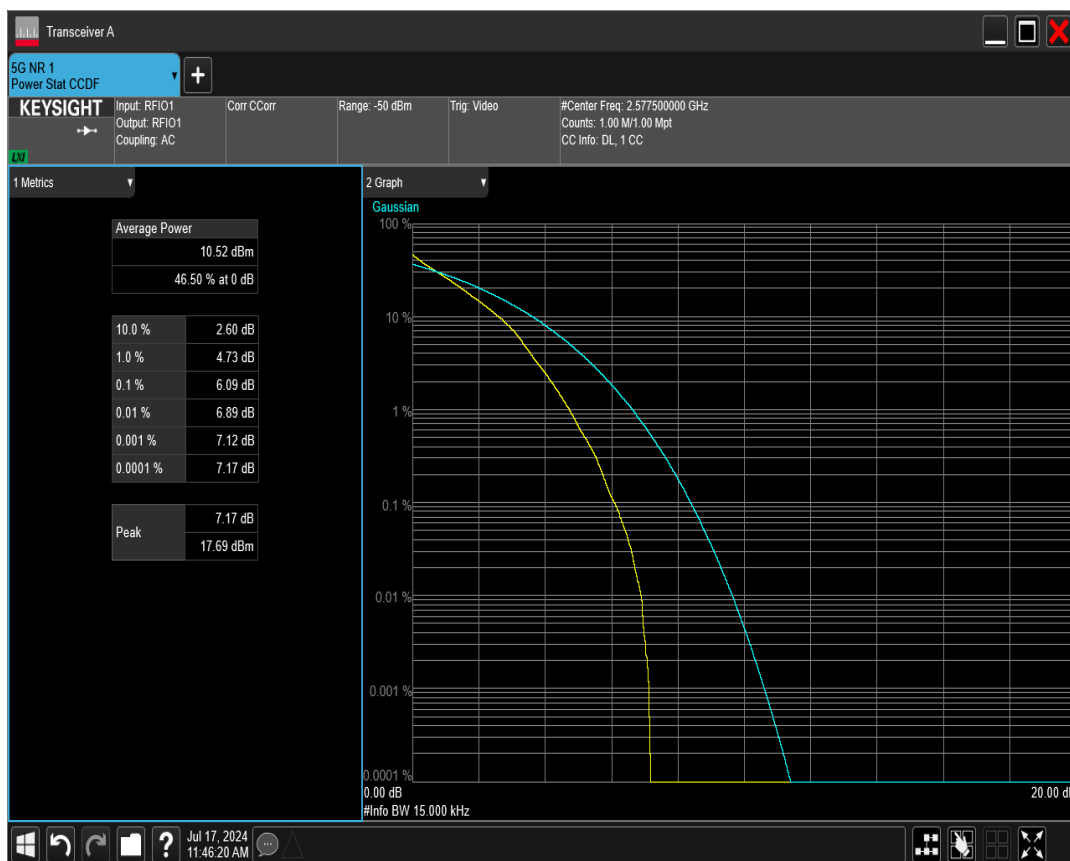
n38 SCS=30kHz DFT_QPSK BW=10MHz Channel=519000 RB=24@0



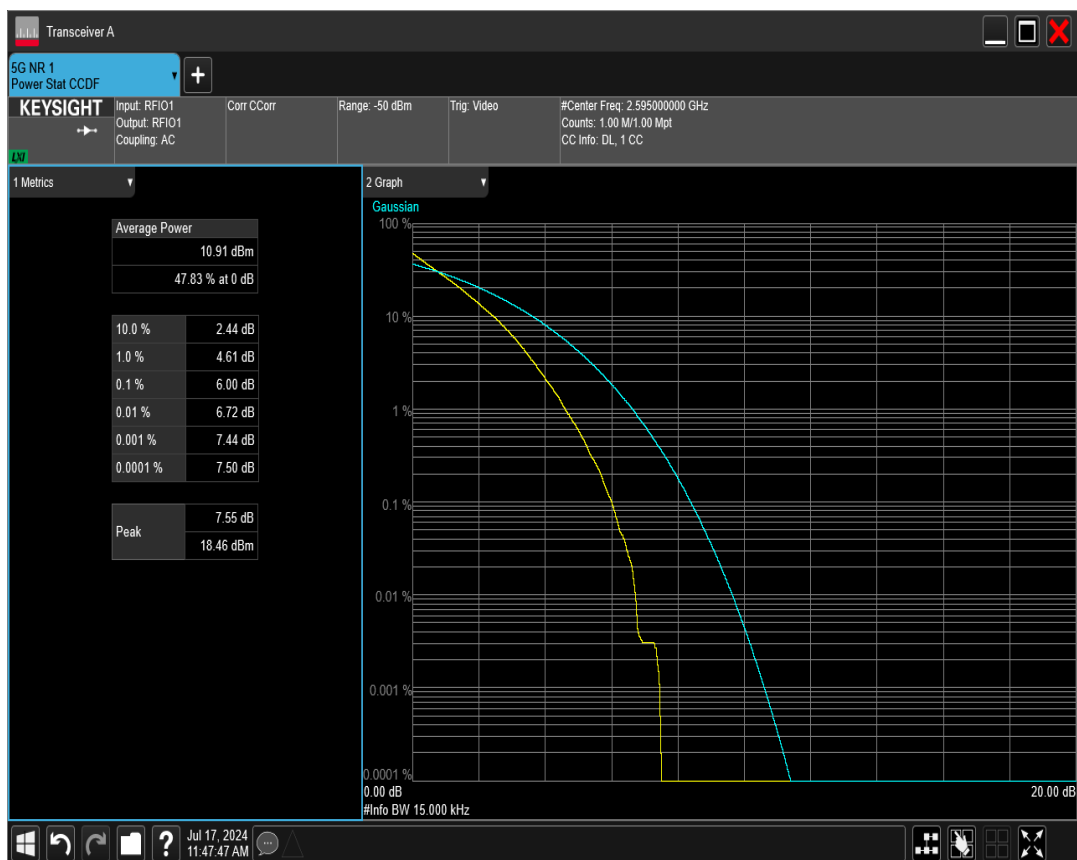
n38 SCS=30kHz DFT_QPSK BW=10MHz Channel=523000 RB=24@0



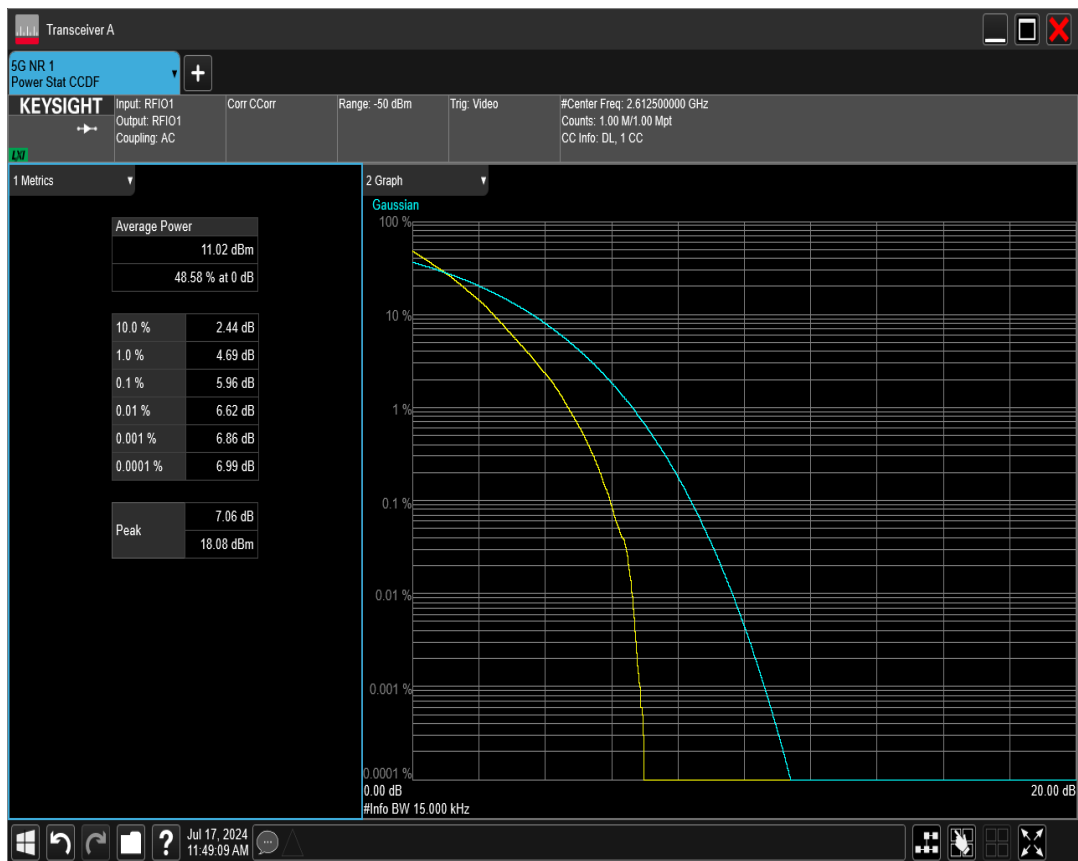
n38 SCS=30kHz DFT_QPSK BW=15MHz Channel=515500 RB=36@0



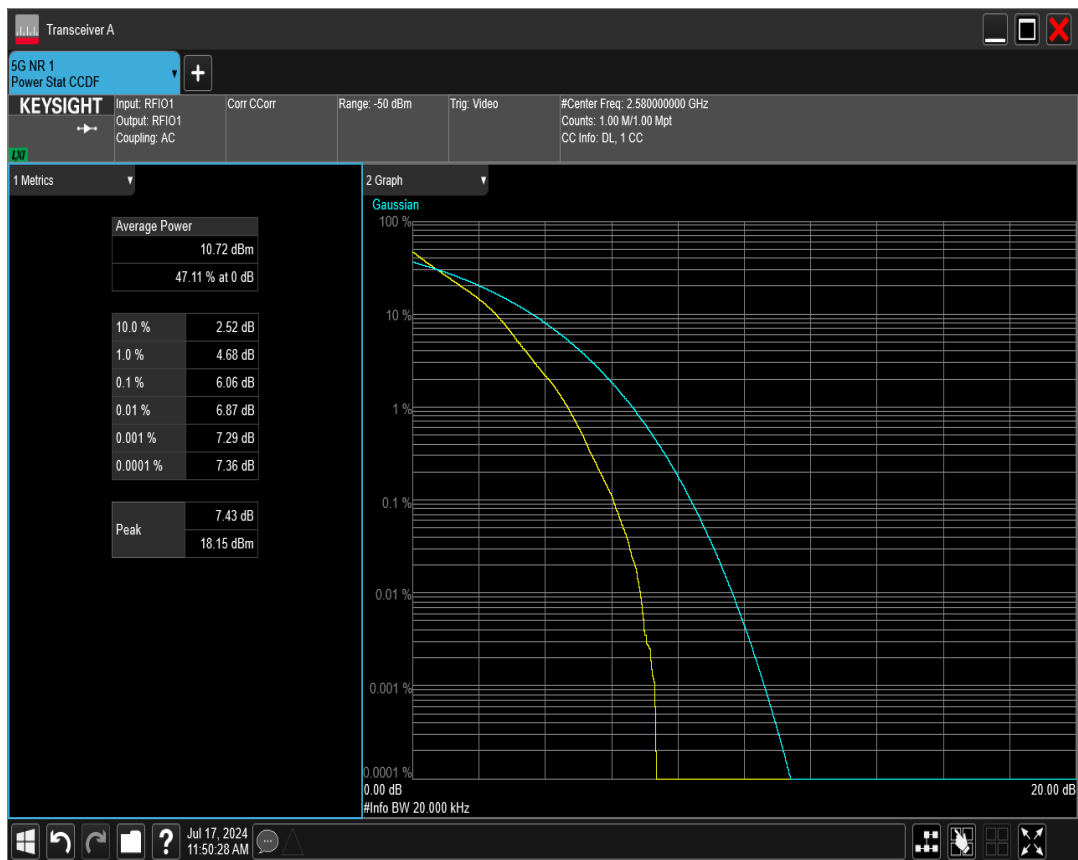
n38 SCS=30kHz DFT_QPSK BW=15MHz Channel=519000 RB=36@0



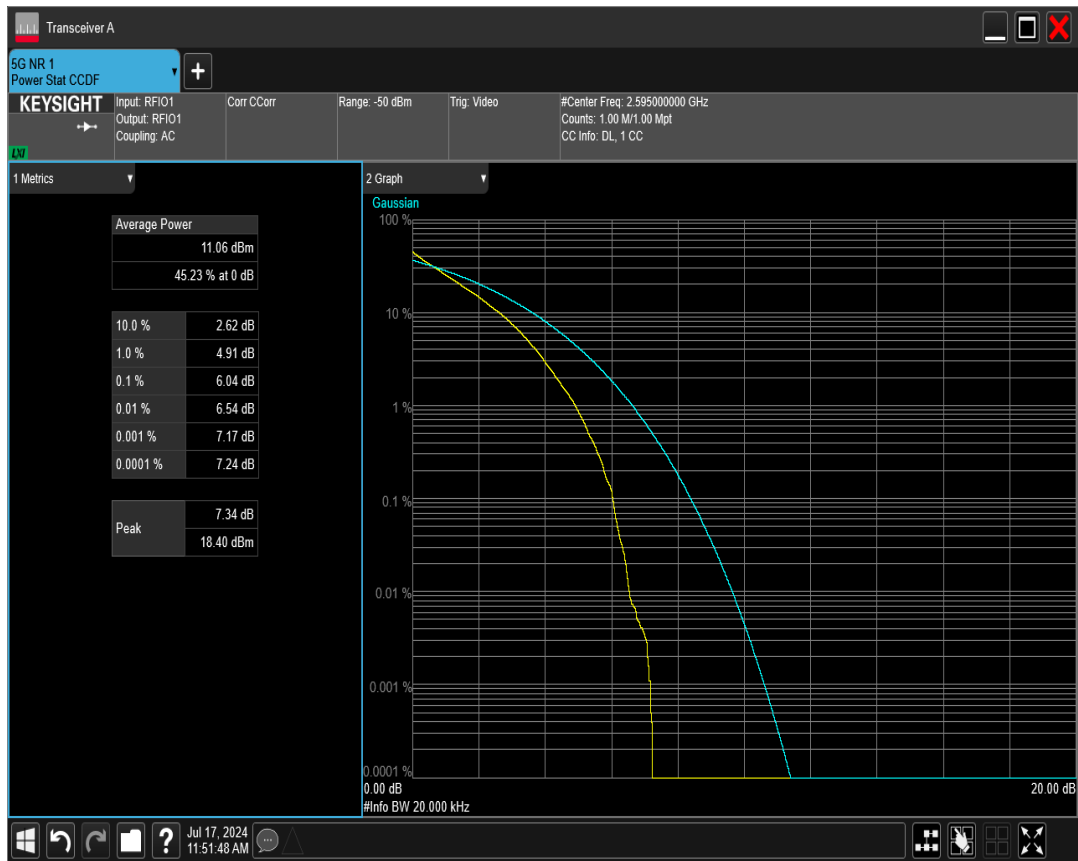
n38 SCS=30kHz DFT_QPSK BW=15MHz Channel=522500 RB=36@0



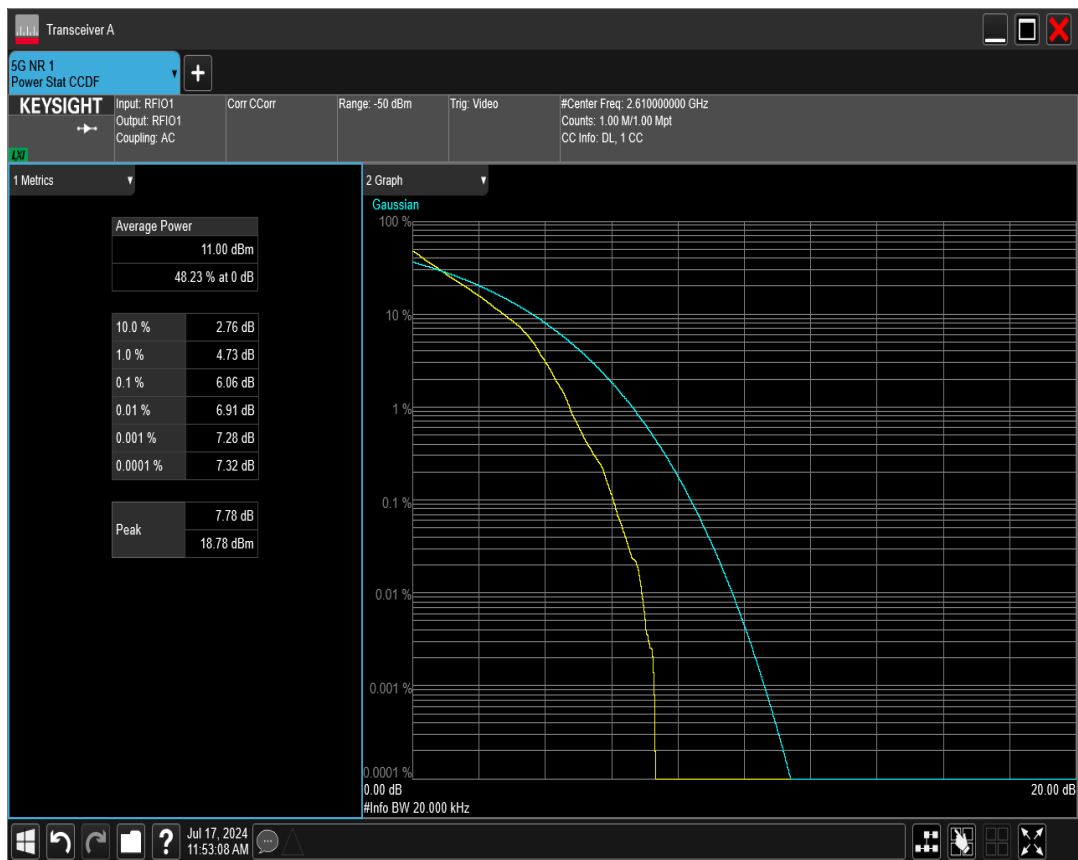
n38 SCS=30kHz DFT_QPSK BW=20MHz Channel=516000 RB=50@0



n38 SCS=30kHz DFT_QPSK BW=20MHz Channel=519000 RB=50@0



n38 SCS=30kHz DFT_QPSK BW=20MHz Channel=522000 RB=50@0



4 Occupied bandwidth for EN-DC

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n38	30	10	519000	24@0	DFT_BPSK	8.540	8.920	PASS
n38	30	10	519000	24@0	DFT_QPSK	8.570	8.970	PASS
n38	30	10	519000	24@0	DFT_QAM16	8.520	8.850	PASS
n38	30	10	519000	24@0	DFT_QAM64	8.540	8.970	PASS
n38	30	10	519000	24@0	DFT_QAM256	8.550	8.930	PASS
n38	30	15	519000	36@0	DFT_BPSK	13.450	13.320	PASS
n38	30	15	519000	36@0	DFT_QPSK	13.470	13.260	PASS
n38	30	15	519000	36@0	DFT_QAM16	13.480	13.250	PASS
n38	30	15	519000	36@0	DFT_QAM64	13.490	13.250	PASS
n38	30	15	519000	36@0	DFT_QAM256	13.470	13.240	PASS
n38	30	20	519000	50@0	DFT_BPSK	18.010	18.270	PASS
n38	30	20	519000	50@0	DFT_QPSK	17.990	18.240	PASS
n38	30	20	519000	50@0	DFT_QAM16	17.980	18.250	PASS
n38	30	20	519000	50@0	DFT_QAM64	18.080	18.290	PASS
n38	30	20	519000	50@0	DFT_QAM256	18.060	18.280	PASS

n38 SCS=30kHz DFT_BPSK BW=10MHz Channel=519000 RB=24@0



n38 SCS=30kHz DFT_BPSK BW=15MHz Channel=519000 RB=36@0



n38 SCS=30kHz DFT_BPSK BW=20MHz Channel=519000 RB=50@0



n38 SCS=30kHz DFT_QAM16 BW=10MHz Channel=519000 RB=24@0



n38 SCS=30kHz DFT_QAM16 BW=15MHz Channel=519000 RB=36@0



n38 SCS=30kHz DFT_QAM16 BW=20MHz Channel=519000 RB=50@0



n38 SCS=30kHz DFT_QAM256 BW=10MHz Channel=519000 RB=24@0



n38 SCS=30kHz DFT_QAM256 BW=15MHz Channel=519000 RB=36@0



n38 SCS=30kHz DFT_QAM256 BW=20MHz Channel=519000 RB=50@0



n38 SCS=30kHz DFT_QAM64 BW=10MHz Channel=519000 RB=24@0



n38 SCS=30kHz DFT_QAM64 BW=15MHz Channel=519000 RB=36@0



n38 SCS=30kHz DFT_QAM64 BW=20MHz Channel=519000 RB=50@0



n38 SCS=30kHz DFT_QPSK BW=10MHz Channel=519000 RB=24@0



n38 SCS=30kHz DFT_QPSK BW=15MHz Channel=519000 RB=36@0



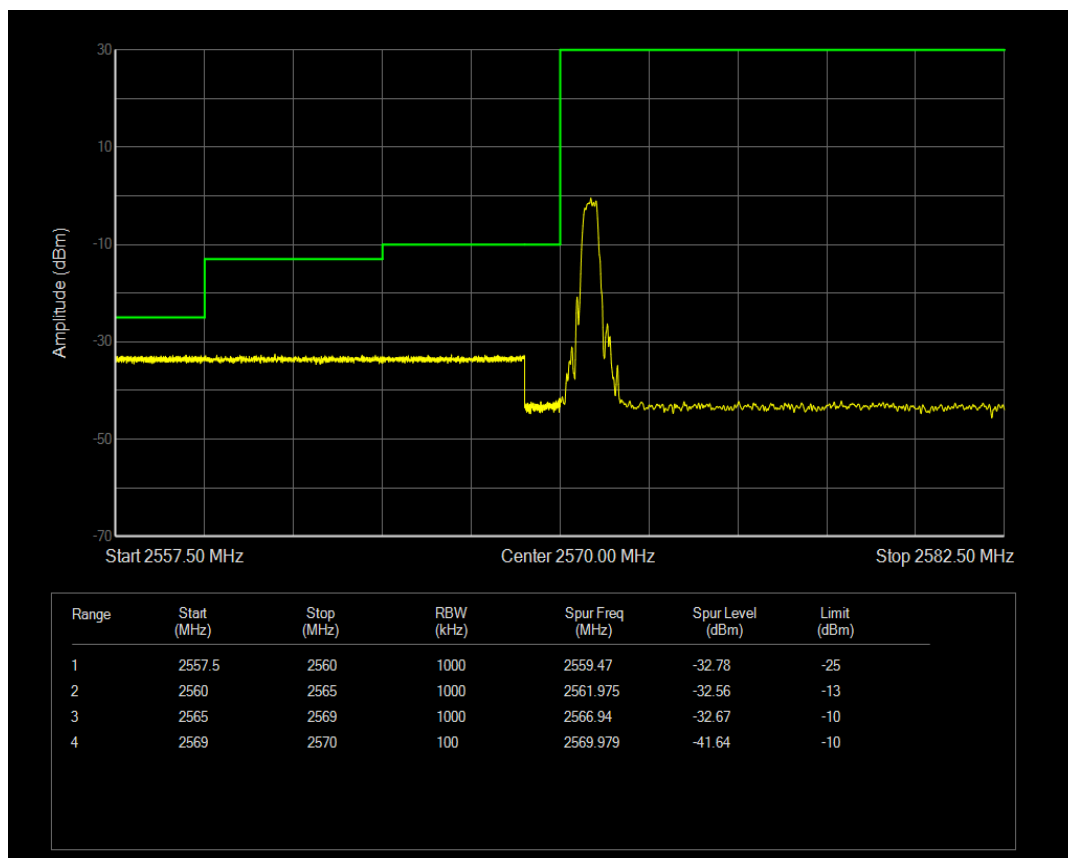
n38 SCS=30kHz DFT_QPSK BW=20MHz Channel=519000 RB=50@0



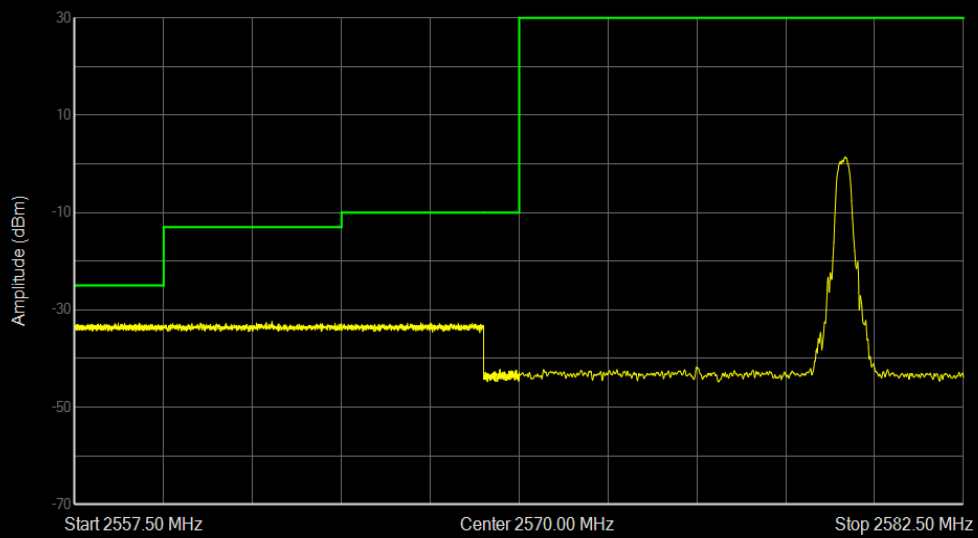
5 Band edge for EN-DC

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n38	30	10	515000	24@0	CP_QPSK	2559.21	-32.73	-25	PASS
n38	30	10	515000	1@0	CP_QPSK	2559.47	-32.78	-25	PASS
n38	30	10	515000	1@23	CP_QPSK	2558.72	-32.71	-25	PASS
n38	30	10	523000	24@0	CP_QPSK	2630.29	-32.67	-25	PASS
n38	30	10	523000	1@0	CP_QPSK	2631.20	-32.44	-25	PASS
n38	30	10	523000	1@23	CP_QPSK	2632.24	-32.76	-25	PASS
n38	30	15	515500	38@0	CP_QPSK	2552.81	-32.67	-25	PASS
n38	30	15	515500	1@0	CP_QPSK	2552.95	-32.59	-25	PASS
n38	30	15	515500	1@37	CP_QPSK	2554.10	-32.56	-25	PASS
n38	30	15	522500	38@0	CP_QPSK	2636.86	-32.65	-25	PASS
n38	30	15	522500	1@0	CP_QPSK	2636.13	-32.67	-25	PASS
n38	30	15	522500	1@37	CP_QPSK	2638.39	-32.69	-25	PASS
n38	30	20	516000	51@0	CP_QPSK	2547.89	-32.61	-25	PASS
n38	30	20	516000	1@0	CP_QPSK	2549.63	-32.63	-25	PASS
n38	30	20	516000	1@50	CP_QPSK	2547.64	-32.67	-25	PASS
n38	30	20	522000	51@0	CP_QPSK	2644.30	-32.63	-25	PASS
n38	30	20	522000	1@0	CP_QPSK	2640.19	-32.59	-25	PASS
n38	30	20	522000	1@50	CP_QPSK	2643.40	-32.68	-25	PASS

n38 SCS=30kHz CP_QPSK BW=10MHz Channel=515000 RB=1@0



n38 SCS=30kHz CP_QPSK BW=10MHz Channel=515000 RB=1@23



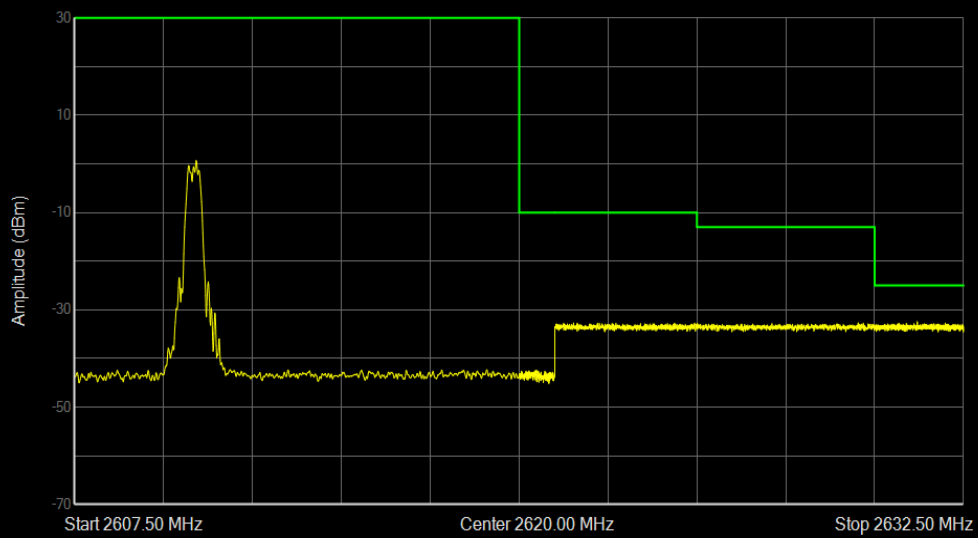
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2557.5	2560	1000	2558.72	-32.71	-25
2	2560	2565	1000	2563.045	-32.39	-13
3	2565	2569	1000	2567.236	-32.67	-10
4	2569	2570	100	2569.457	-42.28	-10

n38 SCS=30kHz CP_QPSK BW=10MHz Channel=515000 RB=24@0



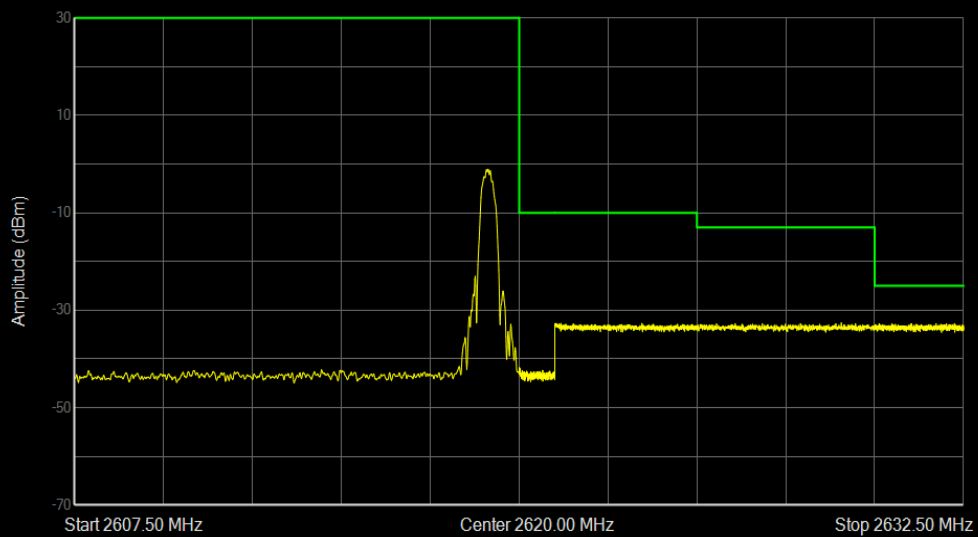
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2557.5	2560	1000	2559.2125	-32.73	-25
2	2560	2565	1000	2563.76	-32.2	-13
3	2565	2569	1000	2568.268	-30.91	-10
4	2569	2570	200	2569.024	-37.14	-10

n38 SCS=30kHz CP_QPSK BW=10MHz Channel=523000 RB=1@0



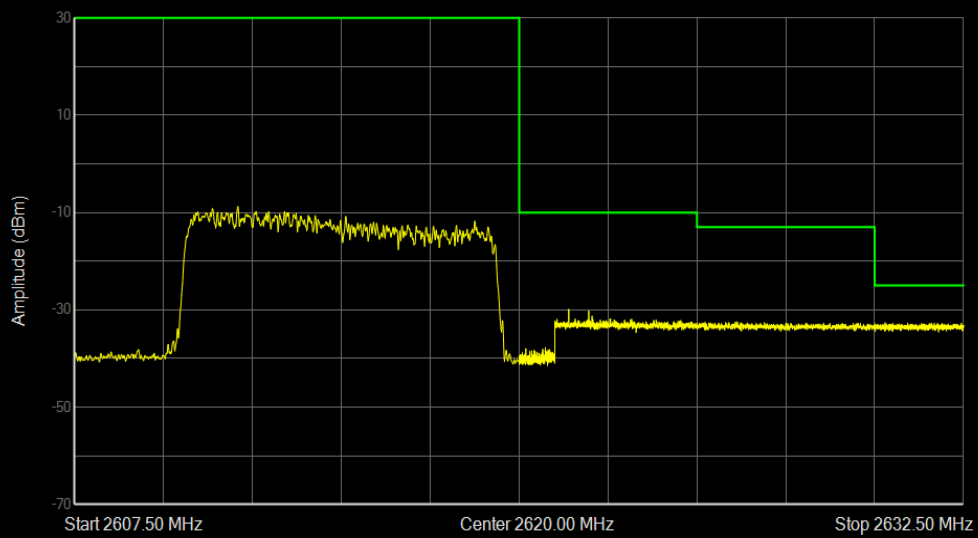
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2620	2621	100	2620.489	-42.48	-10
3	2621	2625	1000	2621.528	-32.7	-10
4	2625	2630	1000	2629.535	-32.68	-13
5	2630	2632.5	1000	2631.1975	-32.44	-25

n38 SCS=30kHz CP_QPSK BW=10MHz Channel=523000 RB=1@23



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2620	2621	100	2620.002	-41.76	-10
3	2621	2625	1000	2621.044	-32.7	-10
4	2625	2630	1000	2629.06	-32.58	-13
5	2630	2632.5	1000	2632.2425	-32.76	-25

n38 SCS=30kHz CP_QPSK BW=10MHz Channel=523000 RB=24@0



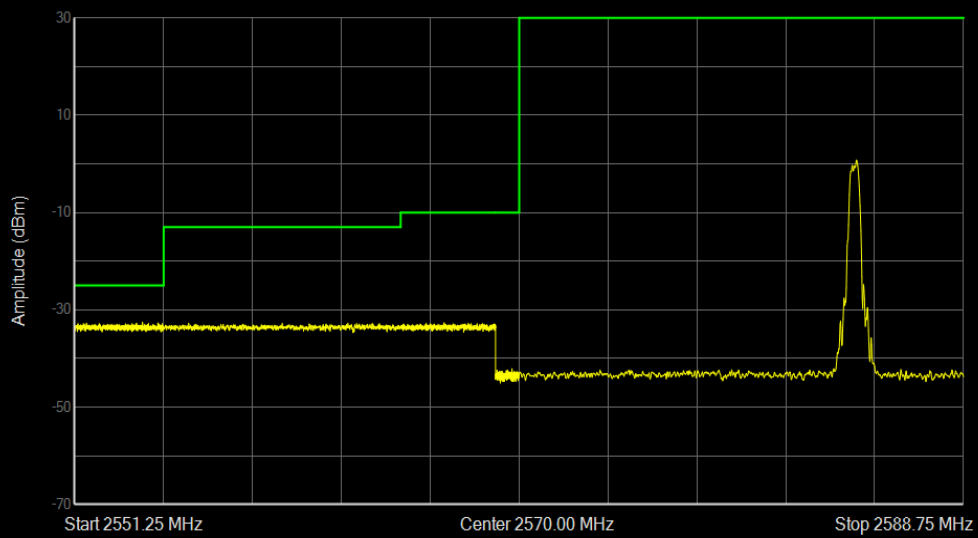
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2620	2621	200	2620.735	-37.76	-10
3	2621	2625	1000	2621.392	-29.89	-10
4	2625	2630	1000	2626.135	-32.48	-13
5	2630	2632.5	1000	2630.2925	-32.67	-25

n38 SCS=30kHz CP_QPSK BW=15MHz Channel=515500 RB=1@0



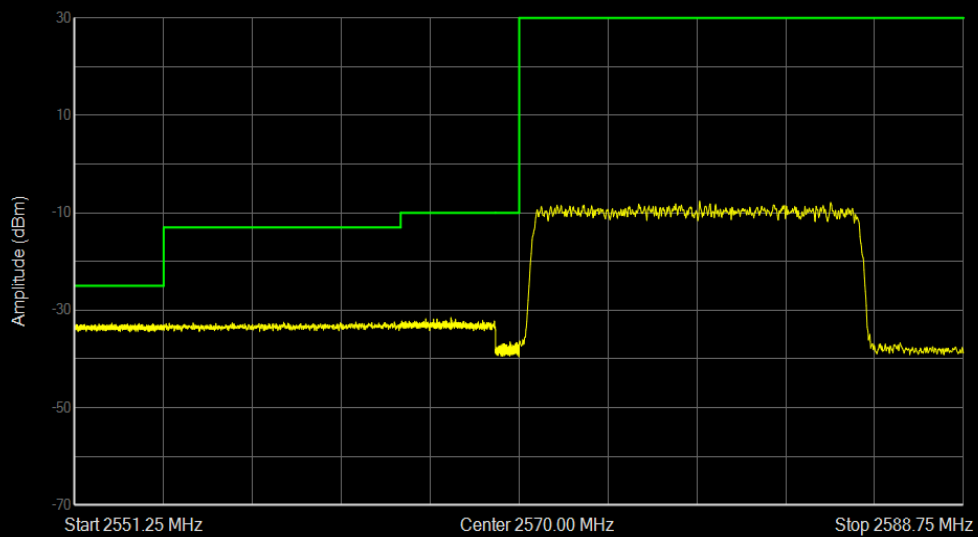
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2551.25	2555	1000	2552.9525	-32.59	-25
2	2555	2565	1000	2559.83	-32.68	-13
3	2565	2569	1000	2569	-31.92	-10
4	2569	2570	100	2569.98	-41.84	-10

n38 SCS=30kHz CP_QPSK BW=15MHz Channel=515500 RB=1@37



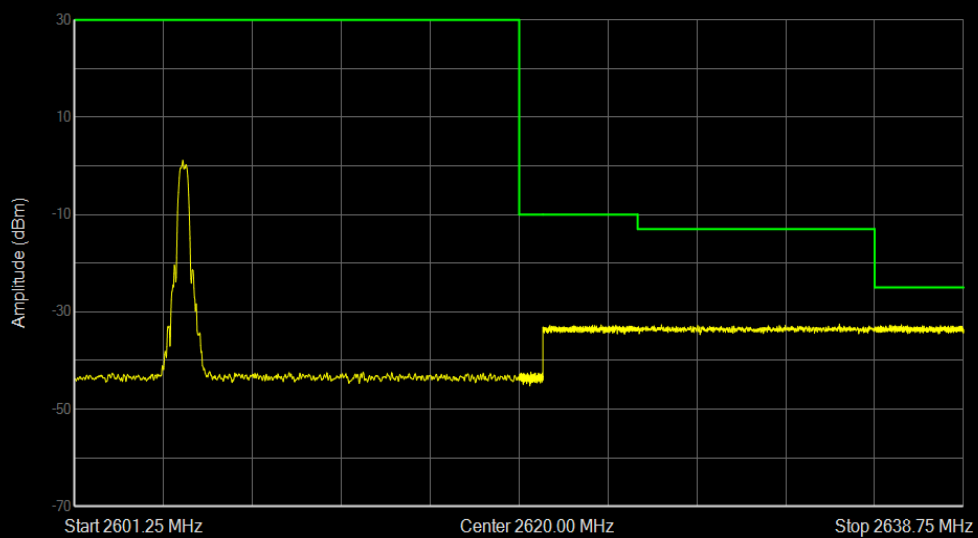
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2551.25	2555	1000	2554.10375	-32.56	-25
2	2555	2565	1000	2556.05	-32.77	-13
3	2565	2569	1000	2566.832	-32.67	-10
4	2569	2570	100	2569.694	-42.1	-10

n38 SCS=30kHz CP_QPSK BW=15MHz Channel=515500 RB=38@0



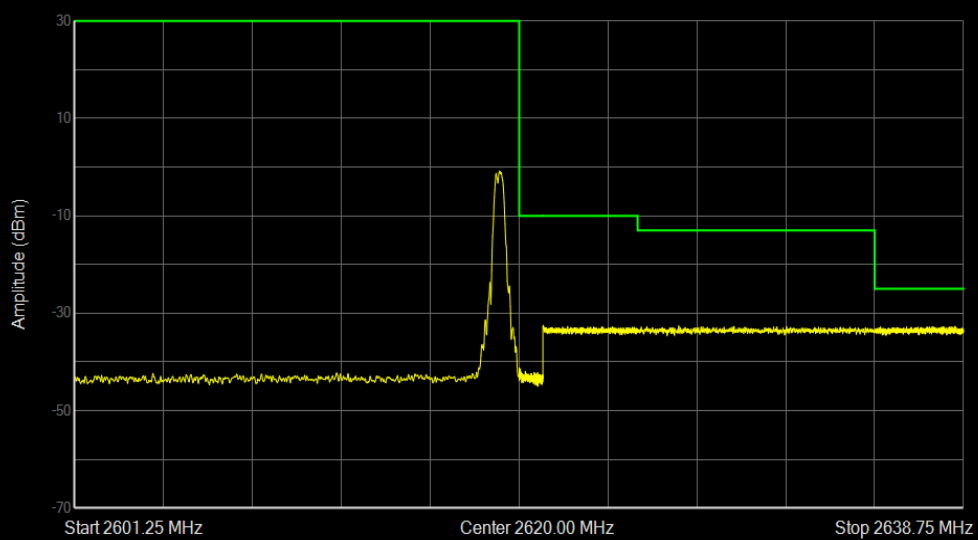
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2551.25	2555	1000	2552.81	-32.67	-25
2	2555	2565	1000	2564.73	-32.42	-13
3	2565	2569	1000	2567.12	-31.52	-10
4	2569	2570	300	2569.616	-36.51	-10

n38 SCS=30kHz CP_QPSK BW=15MHz Channel=522500 RB=1@0



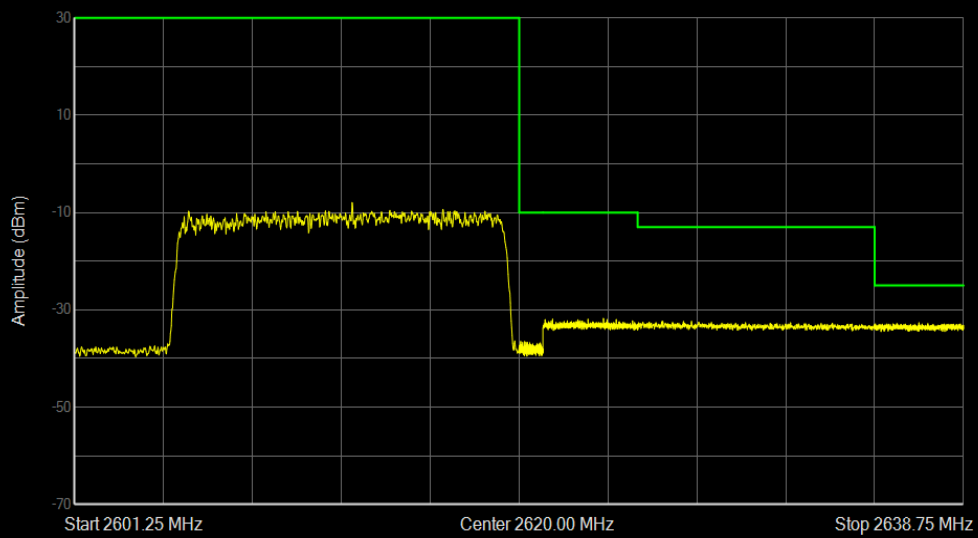
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2620	2621	100	2620.492	-42.39	-10
3	2621	2625	1000	2623.456	-32.7	-10
4	2625	2635	1000	2633.51	-32.51	-13
5	2635	2638.75	1000	2636.12875	-32.67	-25

n38 SCS=30kHz CP_QPSK BW=15MHz Channel=522500 RB=1@37



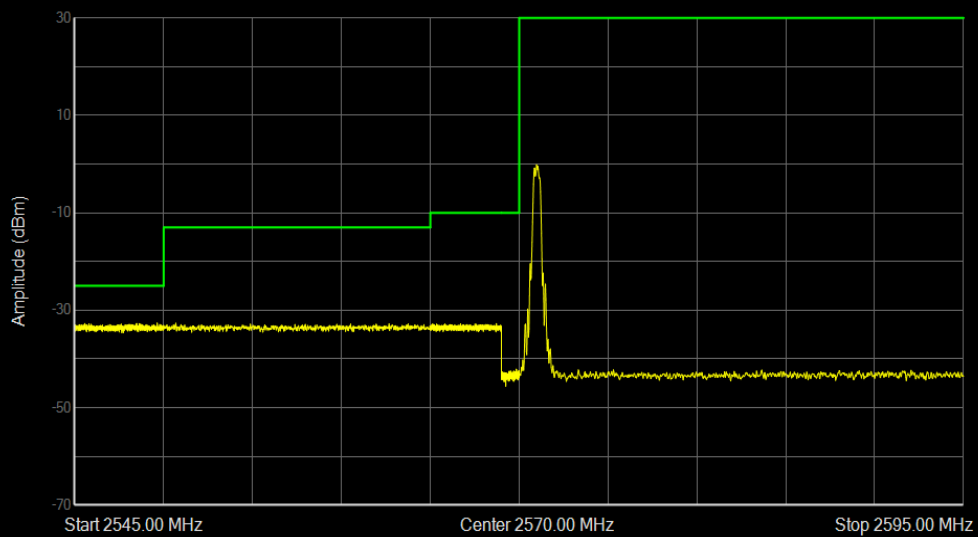
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2620	2621	100	2620.007	-41.23	-10
3	2621	2625	1000	2621.012	-32.47	-10
4	2625	2635	1000	2626.73	-32.59	-13
5	2635	2638.75	1000	2638.39	-32.69	-25

n38 SCS=30kHz CP_QPSK BW=15MHz Channel=522500 RB=38@0

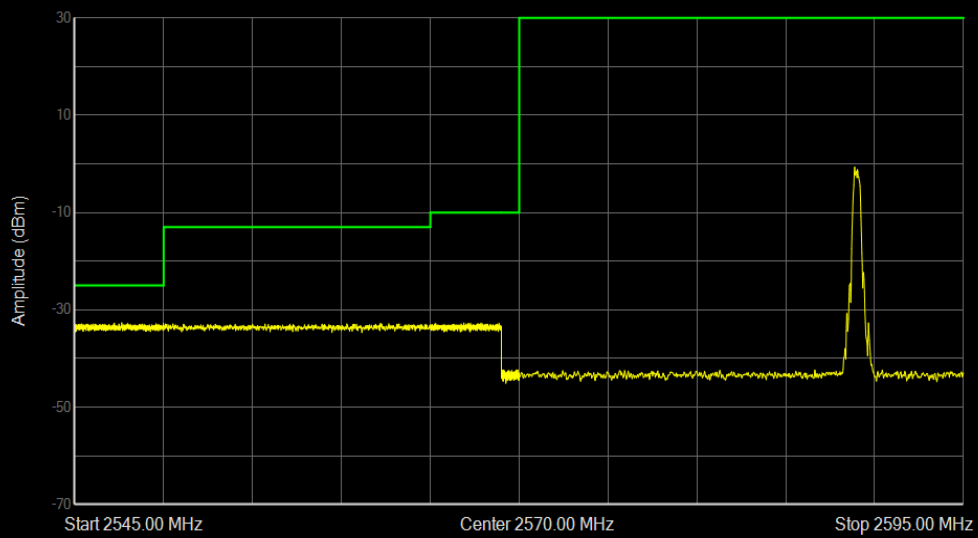


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2620	2621	300	2620.063	-36.49	-10
3	2621	2625	1000	2623.556	-31.77	-10
4	2625	2635	1000	2626.06	-32.35	-13
5	2635	2638.75	1000	2636.86375	-32.65	-25

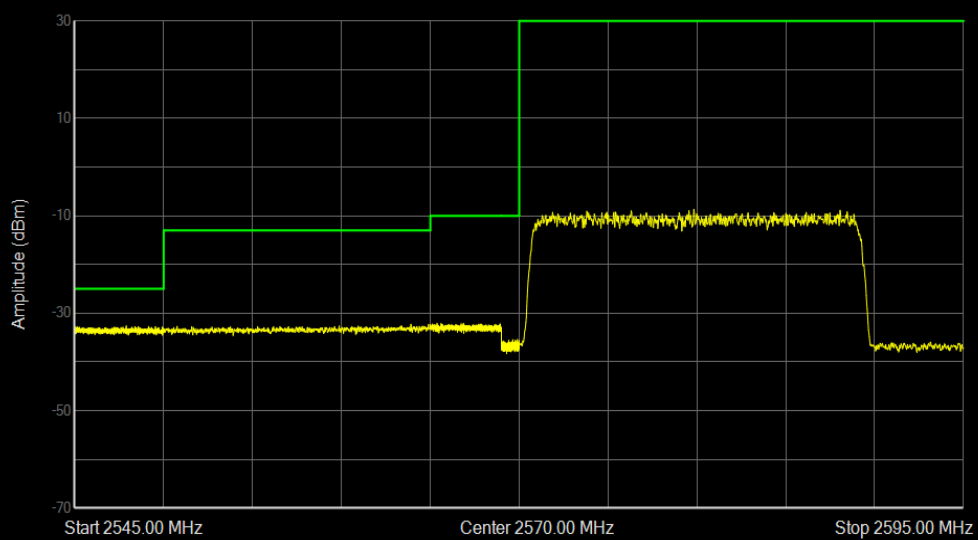
n38 SCS=30kHz CP_QPSK BW=20MHz Channel=516000 RB=1@0



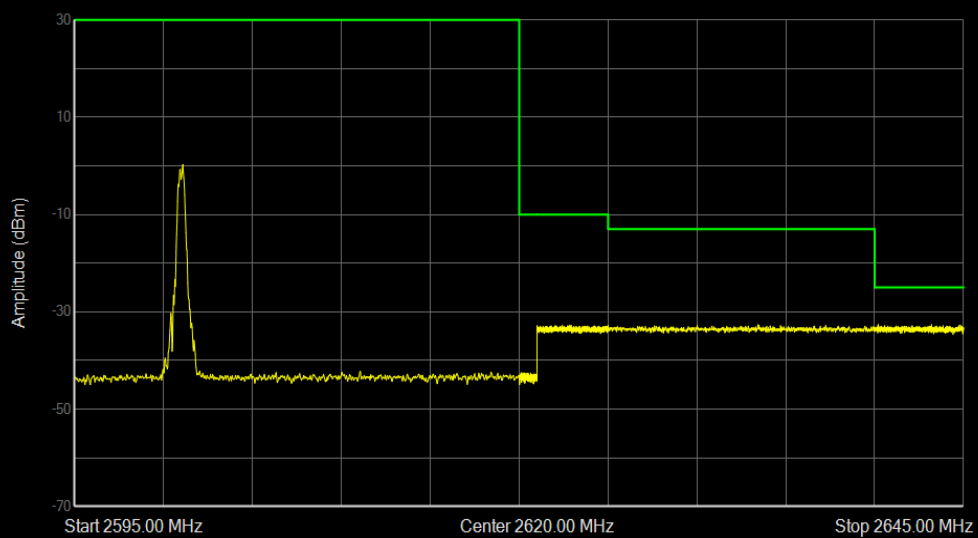
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2545	2550	1000	2549.63	-32.63	-25
2	2550	2565	1000	2550.675	-32.66	-13
3	2565	2569	1000	2568.712	-32.74	-10
4	2569	2570	100	2569.837	-42.1	-10

n38 SCS=30kHz CP_QPSK BW=20MHz Channel=516000 RB=1@50

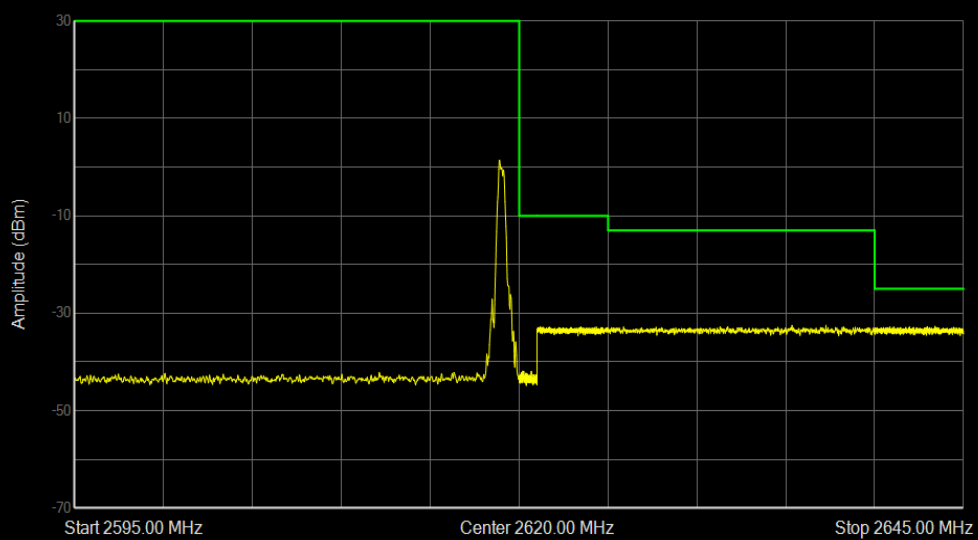
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2545	2550	1000	2547.64	-32.67	-25
2	2550	2565	1000	2562.195	-32.77	-13
3	2565	2569	1000	2566.884	-32.7	-10
4	2569	2570	100	2569.827	-42.35	-10

n38 SCS=30kHz CP_QPSK BW=20MHz Channel=516000 RB=51@0

Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2545	2550	1000	2547.89	-32.61	-25
2	2550	2565	1000	2563.905	-32.26	-13
3	2565	2569	1000	2566.38	-32.1	-10
4	2569	2570	430	2569.895	-35.4	-10

n38 SCS=30kHz CP_QPSK BW=20MHz Channel=522000 RB=1@0

Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2620	2621	100	2620.137	-42.52	-10
3	2621	2625	1000	2622.848	-32.76	-10
4	2625	2640	1000	2633.43	-32.66	-13
5	2640	2645	1000	2640.19	-32.59	-25

n38 SCS=30kHz CP_QPSK BW=20MHz Channel=522000 RB=1@50

Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2620	2621	100	2620.204	-41.88	-10
3	2621	2625	1000	2623.464	-32.77	-10
4	2625	2640	1000	2637.255	-32.46	-13
5	2640	2645	1000	2643.395	-32.68	-25

n38 SCS=30kHz CP_QPSK BW=20MHz Channel=522000 RB=51@0

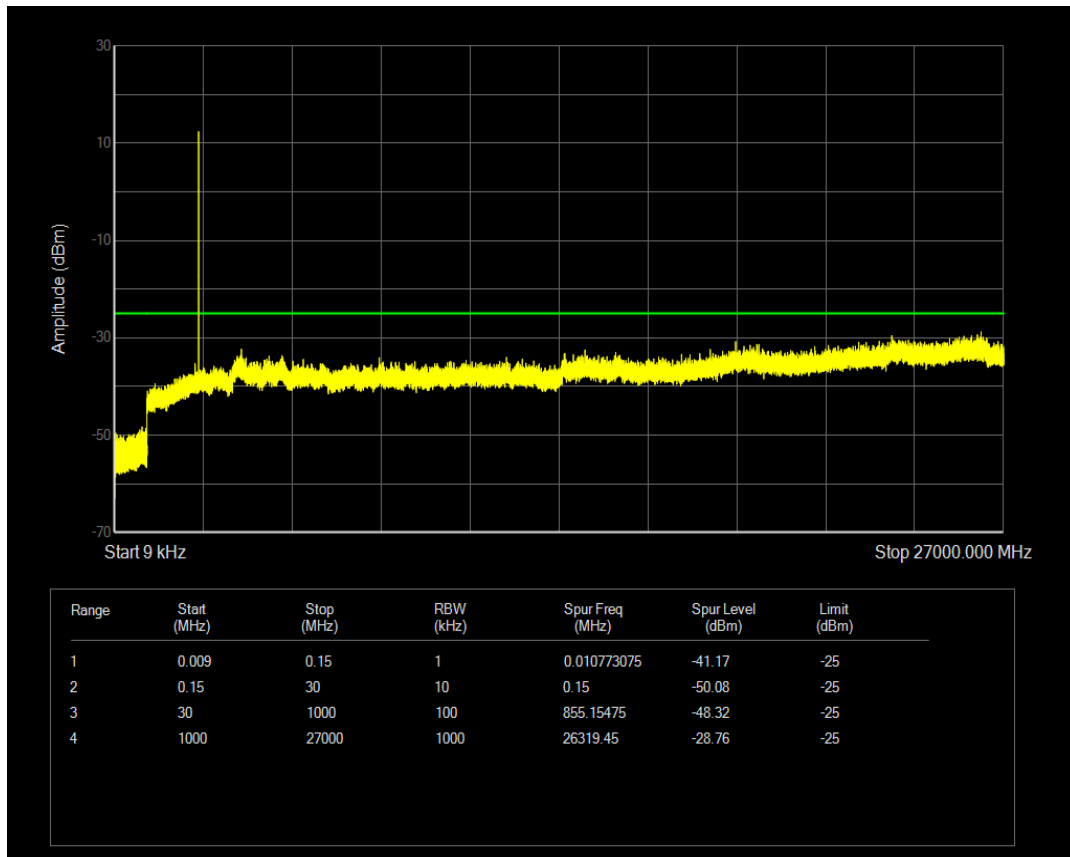


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2620	2621	430	2620.148	-35.55	-10
3	2621	2625	1000	2622.684	-32.08	-10
4	2625	2640	1000	2630.835	-32.41	-13
5	2640	2645	1000	2644.295	-32.63	-25

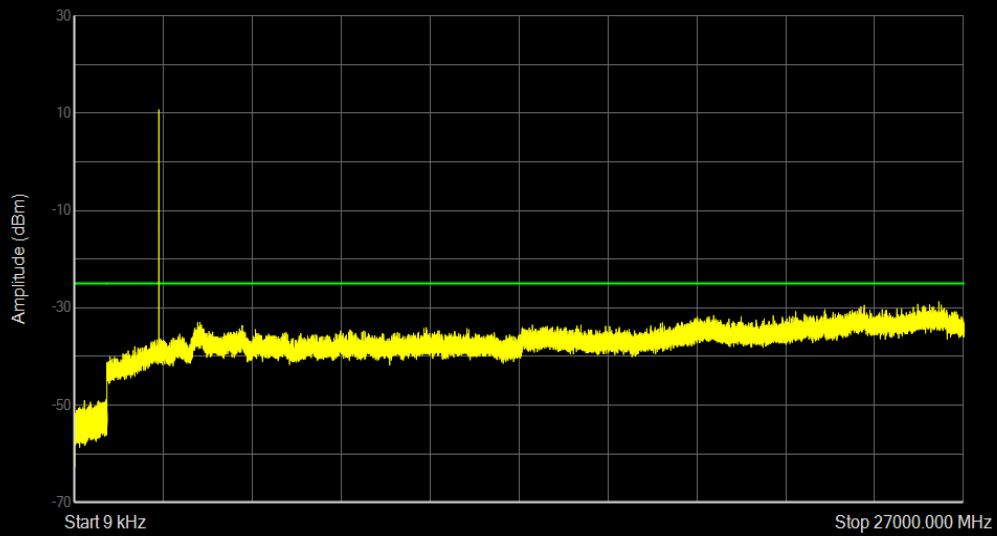
6 Out-of-band emissions for EN-DC

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n38	30	10	515000	24@0	CP_QPSK	26669.80	-28.45	-25	PASS
n38	30	10	515000	1@0	CP_QPSK	26319.45	-28.76	-25	PASS
n38	30	10	515000	1@23	CP_QPSK	26250.55	-28.76	-25	PASS
n38	30	10	523000	24@0	CP_QPSK	26175.80	-28.80	-25	PASS
n38	30	10	523000	1@0	CP_QPSK	25675.95	-28.87	-25	PASS
n38	30	10	523000	1@23	CP_QPSK	26032.15	-29.13	-25	PASS
n38	30	15	515500	38@0	CP_QPSK	23714.25	-28.43	-25	PASS
n38	30	15	515500	1@0	CP_QPSK	25733.15	-29.10	-25	PASS
n38	30	15	515500	1@37	CP_QPSK	26338.30	-29.04	-25	PASS
n38	30	15	522500	38@0	CP_QPSK	25856.65	-28.74	-25	PASS
n38	30	15	522500	1@0	CP_QPSK	26411.10	-28.73	-25	PASS
n38	30	15	522500	1@37	CP_QPSK	23844.25	-28.67	-25	PASS
n38	30	20	516000	51@0	CP_QPSK	26227.80	-29.13	-25	PASS
n38	30	20	516000	1@0	CP_QPSK	25687.65	-29.28	-25	PASS
n38	30	20	516000	1@50	CP_QPSK	26386.40	-29.58	-25	PASS
n38	30	20	522000	51@0	CP_QPSK	26385.10	-27.74	-25	PASS
n38	30	20	522000	1@0	CP_QPSK	24851.75	-28.53	-25	PASS
n38	30	20	522000	1@50	CP_QPSK	25316.50	-29.11	-25	PASS

n38 SCS=30kHz CP_QPSK BW=10MHz Channel=515000 RB=1@0

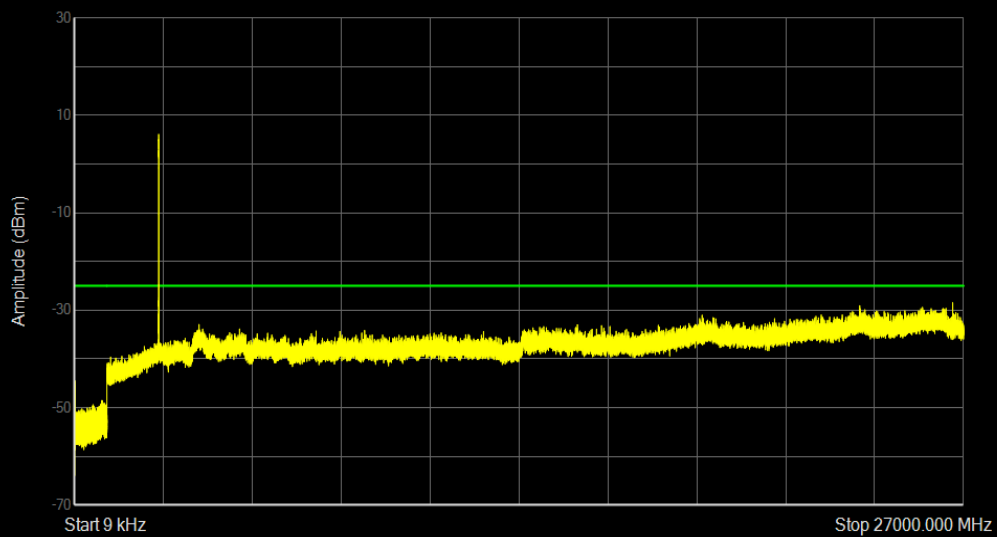


n38 SCS=30kHz CP_QPSK BW=10MHz Channel=515000 RB=1@23

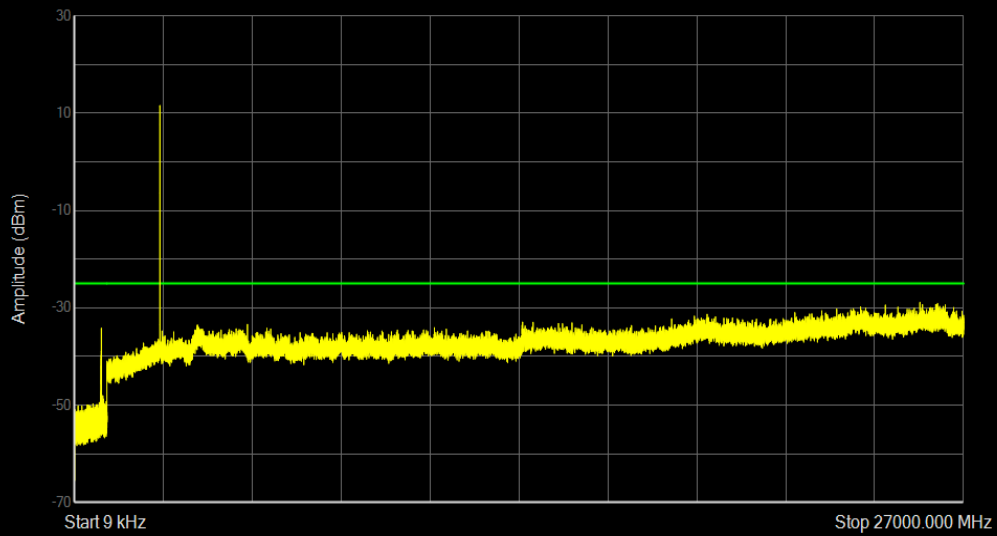


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01174245	-39.71	-25
2	0.15	30	10	0.15373125	-50.01	-25
3	30	1000	100	976.817	-48.88	-25
4	1000	27000	1000	26250.55	-28.76	-25

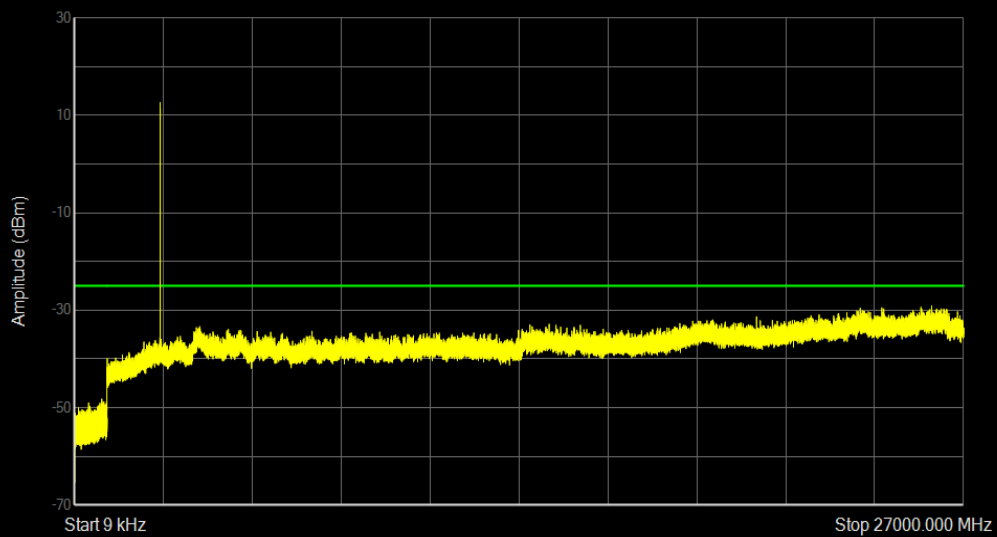
n38 SCS=30kHz CP_QPSK BW=10MHz Channel=515000 RB=24@0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-40.68	-25
2	0.15	30	10	0.1574625	-51.37	-25
3	30	1000	100	30.5335	-44.48	-25
4	1000	27000	1000	26669.8	-28.45	-25

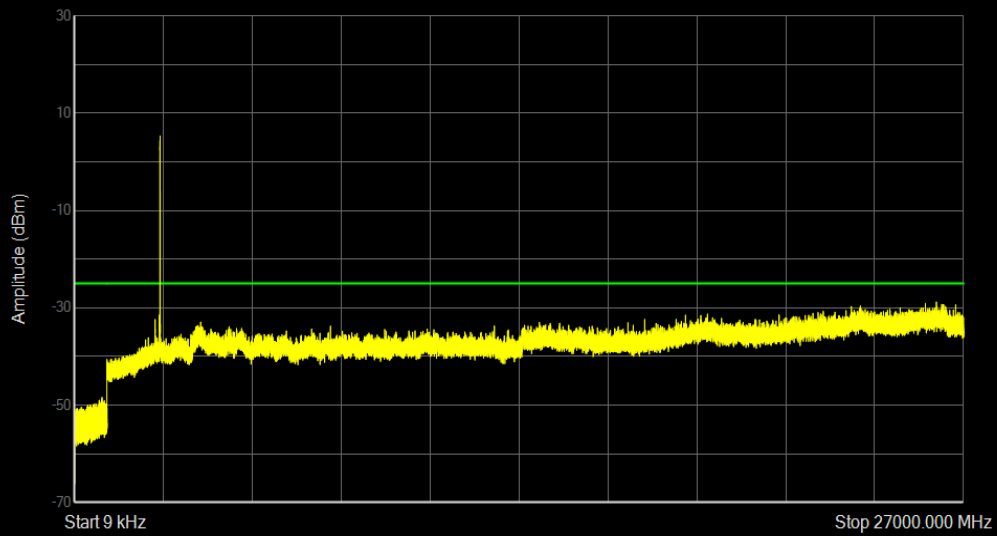
n38 SCS=30kHz CP_QPSK BW=10MHz Channel=523000 RB=1@0

Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009031725	-38.62	-25
2	0.15	30	10	0.15522375	-50.57	-25
3	30	1000	100	834.421	-34.18	-25
4	1000	27000	1000	25675.95	-28.87	-25

n38 SCS=30kHz CP_QPSK BW=10MHz Channel=523000 RB=1@23

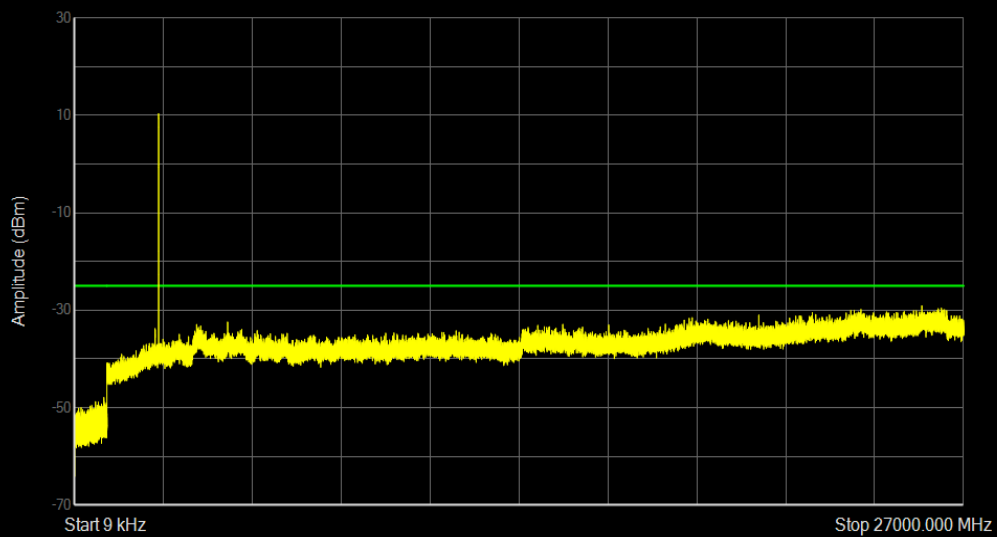
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.013917375	-40.22	-25
2	0.15	30	10	0.17985	-50.78	-25
3	30	1000	100	846.86125	-48.24	-25
4	1000	27000	1000	26032.15	-29.13	-25

n38 SCS=30kHz CP_QPSK BW=10MHz Channel=523000 RB=24@0



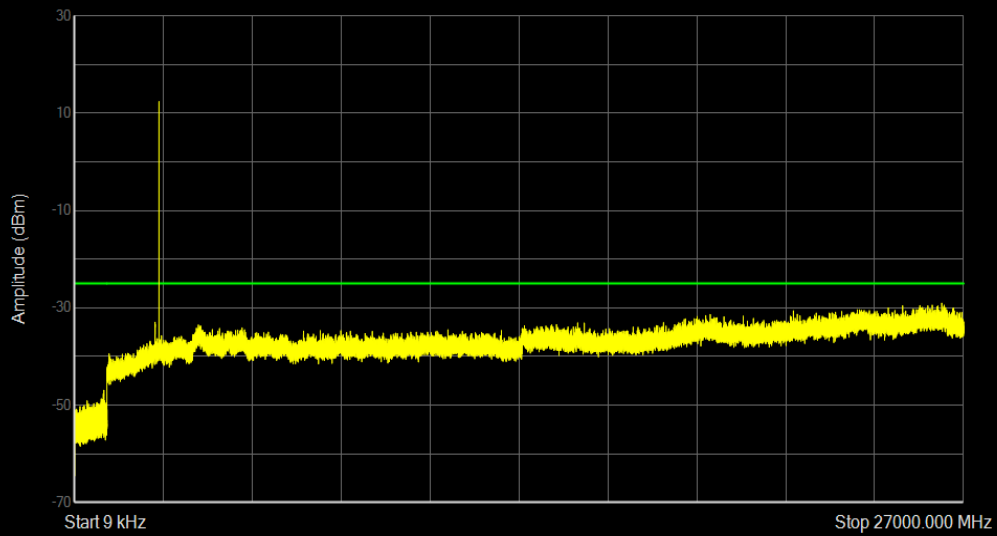
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.014629425	-40.22	-25
2	0.15	30	10	0.15	-50.81	-25
3	30	1000	100	856.17325	-48.41	-25
4	1000	27000	1000	26175.8	-28.8	-25

n38 SCS=30kHz CP_QPSK BW=15MHz Channel=515500 RB=1@0



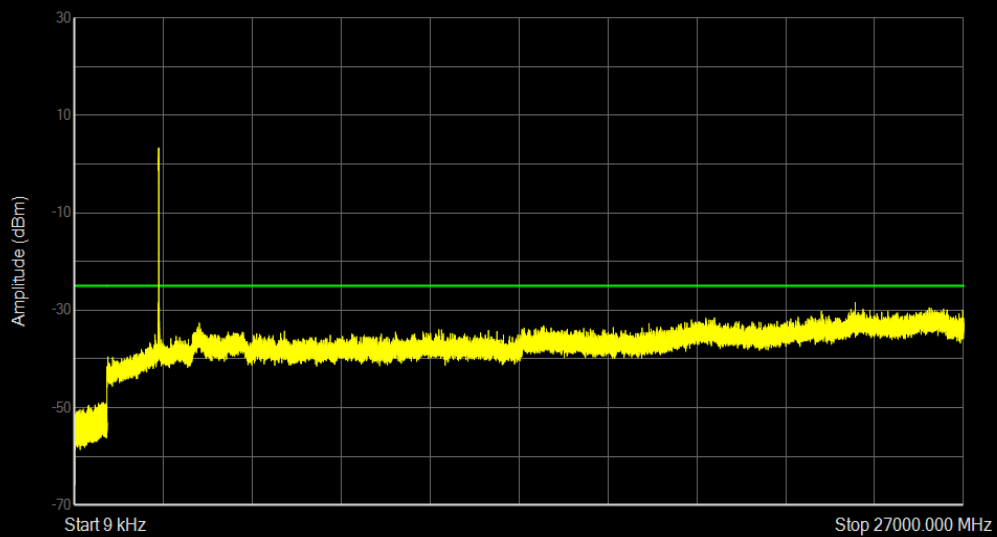
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0122289	-40.05	-25
2	0.15	30	10	0.15820875	-51.07	-25
3	30	1000	100	910.63875	-47.92	-25
4	1000	27000	1000	25733.15	-29.1	-25

n38 SCS=30kHz CP_QPSK BW=15MHz Channel=515500 RB=1@37

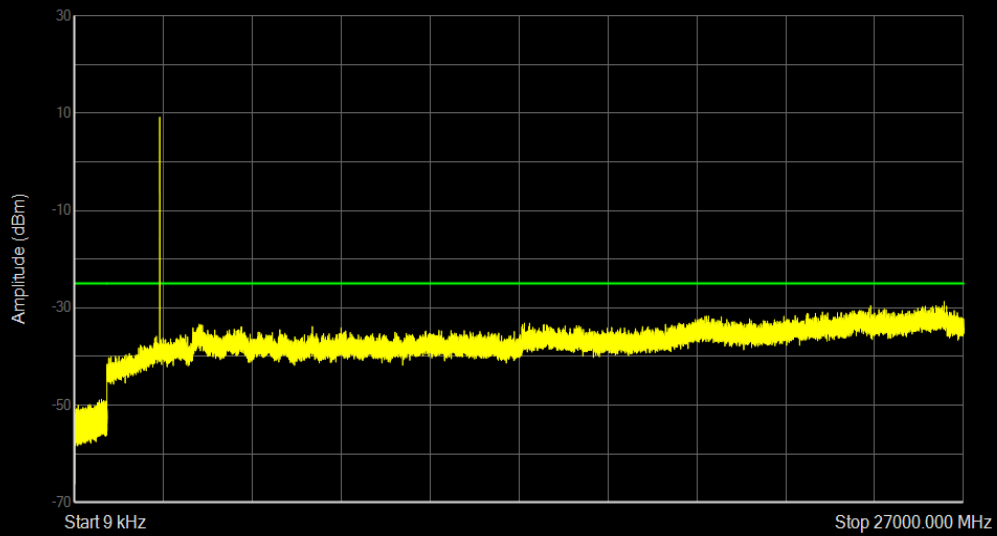


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01069905	-39.46	-25
2	0.15	30	10	0.15	-50.66	-25
3	30	1000	100	911.2935	-46.94	-25
4	1000	27000	1000	26338.3	-29.04	-25

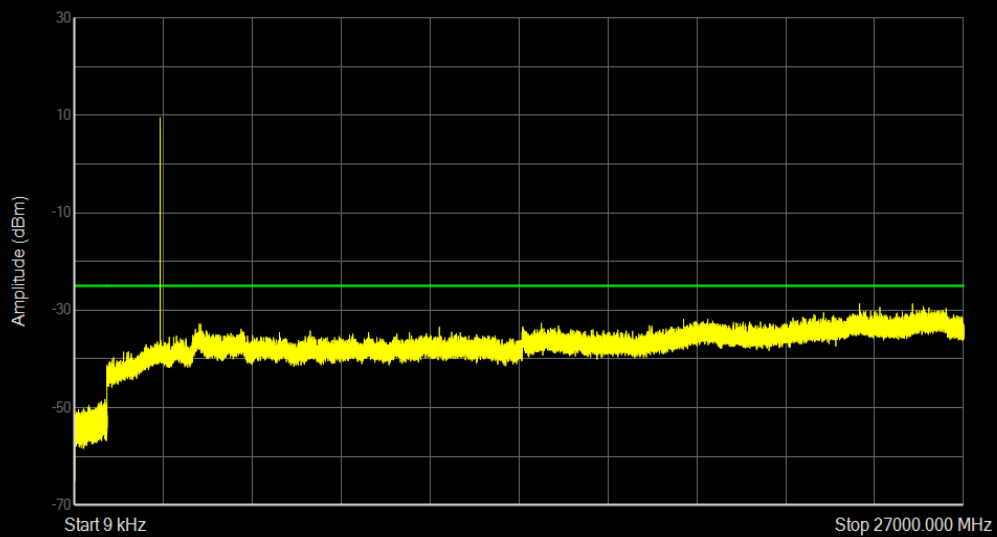
n38 SCS=30kHz CP_QPSK BW=15MHz Channel=515500 RB=38@0



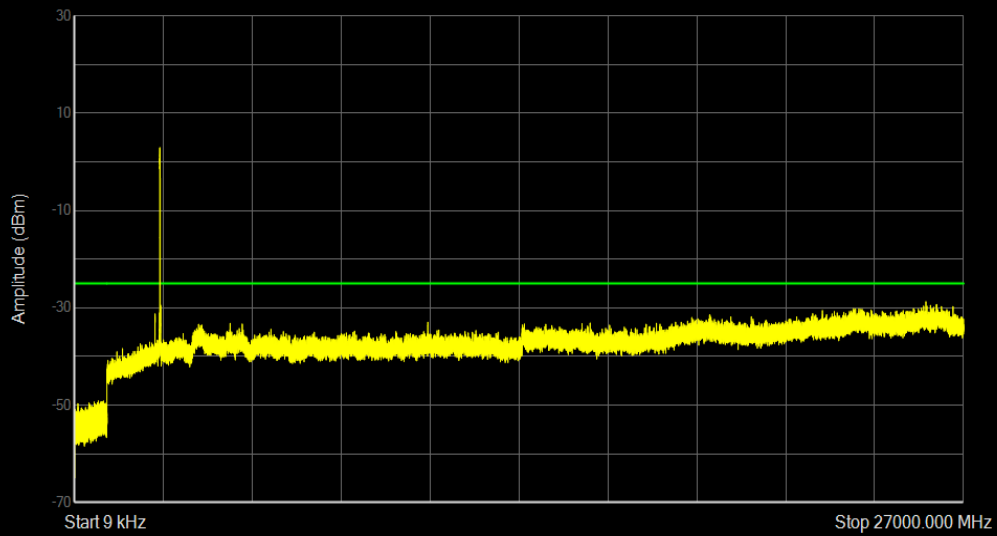
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0102972	-40.03	-25
2	0.15	30	10	0.18582	-50.57	-25
3	30	1000	100	854.694	-48.96	-25
4	1000	27000	1000	23714.25	-28.43	-25

n38 SCS=30kHz CP_QPSK BW=15MHz Channel=522500 RB=1@0

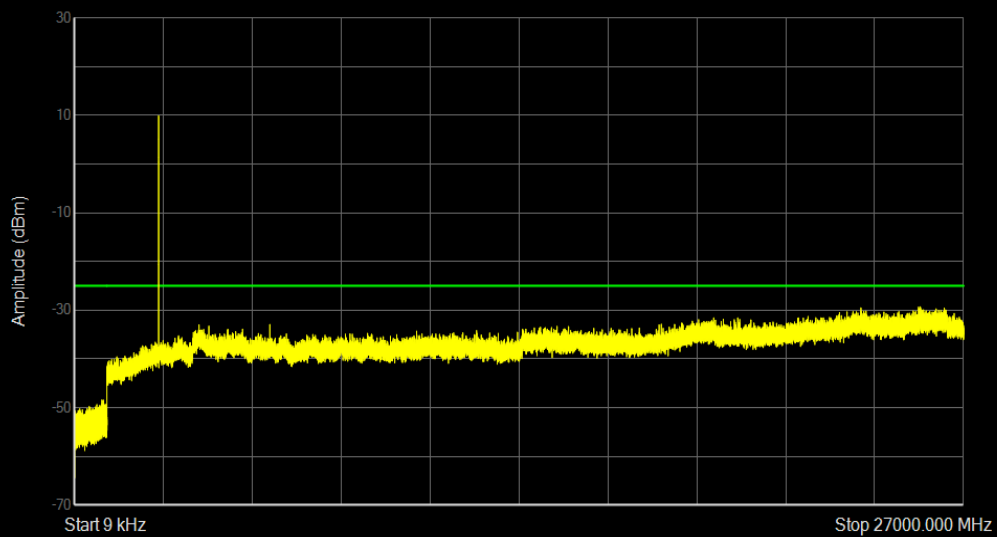
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.015080625	-39.7	-25
2	0.15	30	10	0.1634325	-50.45	-25
3	30	1000	100	839.53775	-48.84	-25
4	1000	27000	1000	26411.1	-28.73	-25

n38 SCS=30kHz CP_QPSK BW=15MHz Channel=522500 RB=1@37

Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01075545	-39.02	-25
2	0.15	30	10	0.15	-50.82	-25
3	30	1000	100	942.673	-48.29	-25
4	1000	27000	1000	23844.25	-28.67	-25

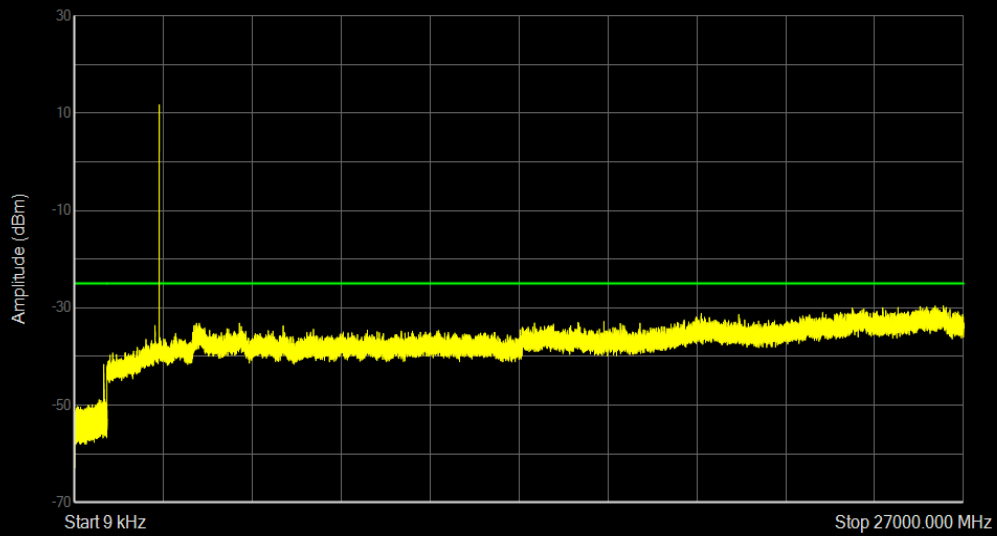
n38 SCS=30kHz CP_QPSK BW=15MHz Channel=522500 RB=38@0

Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01137585	-40.71	-25
2	0.15	30	10	0.1634325	-50.49	-25
3	30	1000	100	744.42925	-49.13	-25
4	1000	27000	1000	25856.65	-28.74	-25

n38 SCS=30kHz CP_QPSK BW=20MHz Channel=516000 RB=1@0

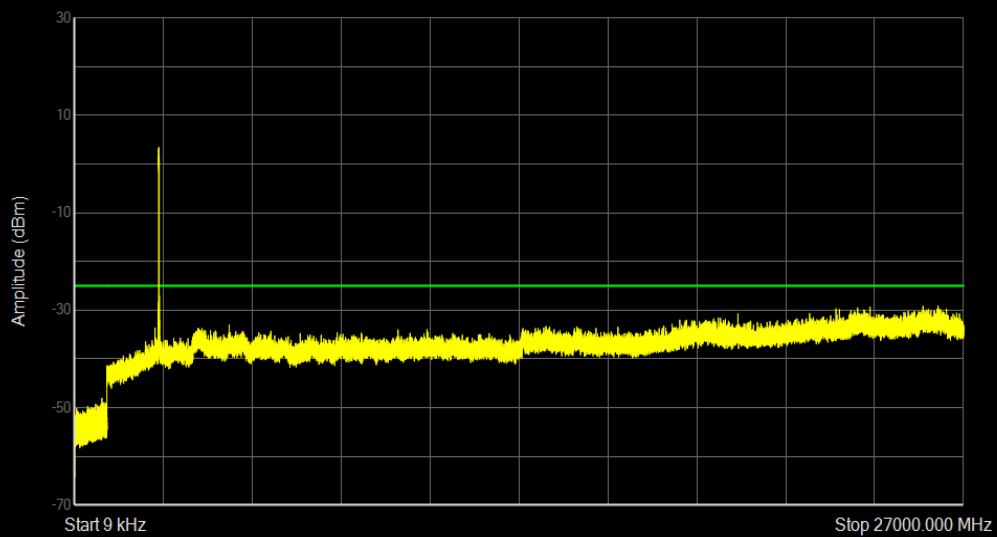
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009722625	-40.47	-25
2	0.15	30	10	0.1574625	-50.45	-25
3	30	1000	100	850.62	-48.43	-25
4	1000	27000	1000	25687.65	-29.28	-25

n38 SCS=30kHz CP_QPSK BW=20MHz Channel=516000 RB=1@50

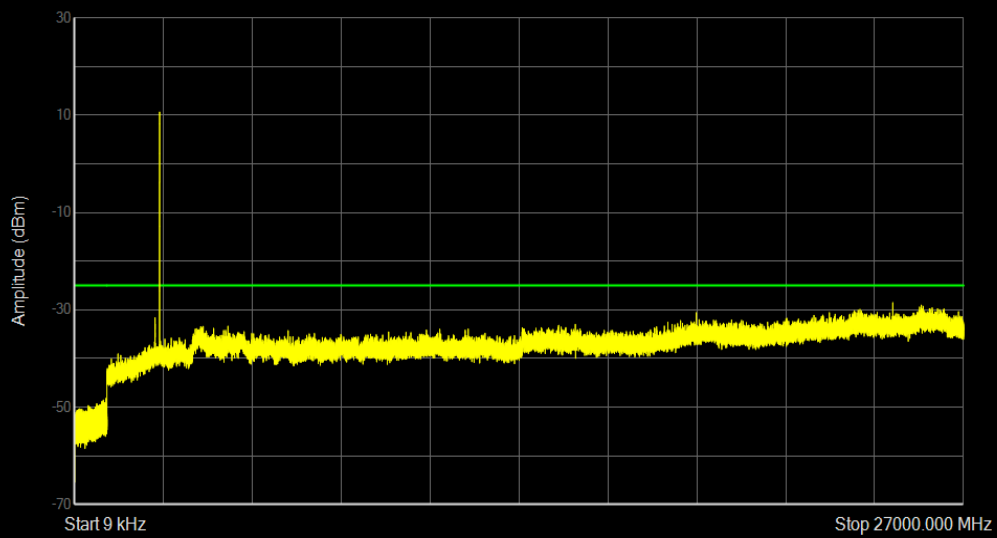


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009264375	-39.34	-25
2	0.15	30	10	0.15	-51.1	-25
3	30	1000	100	907.43775	-41.64	-25
4	1000	27000	1000	26386.4	-29.58	-25

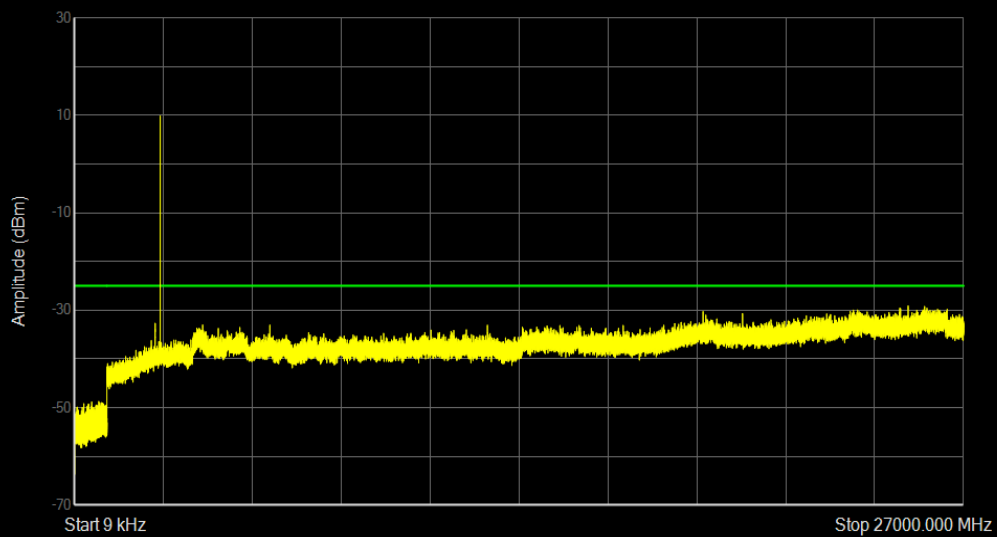
n38 SCS=30kHz CP_QPSK BW=20MHz Channel=516000 RB=51@0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010822425	-40.11	-25
2	0.15	30	10	0.16417875	-51.36	-25
3	30	1000	100	849.67425	-48.08	-25
4	1000	27000	1000	26227.8	-29.13	-25

n38 SCS=30kHz CP_QPSK BW=20MHz Channel=522000 RB=1@0

Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010505175	-41.27	-25
2	0.15	30	10	0.15522375	-49.96	-25
3	30	1000	100	973.1795	-48.24	-25
4	1000	27000	1000	24851.75	-28.53	-25

n38 SCS=30kHz CP_QPSK BW=20MHz Channel=522000 RB=1@50

Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.013684725	-40.82	-25
2	0.15	30	10	0.15970125	-51.33	-25
3	30	1000	100	755.56	-48.73	-25
4	1000	27000	1000	25316.5	-29.11	-25

n38 SCS=30kHz CP_QPSK BW=20MHz Channel=522000 RB=51@0

