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1 Conducted output power for EN-DC

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Low Limit (dBm)	high Limit (dBm)	Verdict
Band5	15	5	20425	1@0	QPSK	19.28			
n7	15	5	500500	1@0	DFT_BPSK	20.71			
Sum	15					23.06	19	26	PASS
Band5	15	5	20525	8@0	QPSK	19.31			
n7	15	5	507000	12@6	DFT_BPSK	20.69			
Sum	15					23.06	19	26	PASS
Band5	15	5	20525	8@0	QPSK	19.35			
n7	15	5	507000	12@6	DFT_QPSK	20.67			
Sum	15					23.07	19	26	PASS
Band5	15	5	20625	1@17	QPSK	18.97			
n7	15	5	513500	1@24	DFT_BPSK	20.68			
Sum	15					22.91	19	26	PASS
Band5	15	5	20625	8@17	QPSK	19.25			
n7	15	5	513500	12@6	DFT_BPSK	20.71			
Sum	15					23.05	19	26	PASS
Band5	15	5	20625	1@17	QPSK	18.95			
n7	15	5	513500	1@24	DFT_QPSK	20.88			
Sum	15					23.03	19	26	PASS
Band5	15	5	20625	8@17	QPSK	19.25			
n7	15	5	513500	12@6	DFT_QPSK	20.67			
Sum	15					23.02	19	26	PASS
Band5	15	10	20450	1@0	QPSK	19.42			
n7	15	20	502000	1@0	DFT_BPSK	20.53			
Sum	15					23.02	19	26	PASS
Band5	15	10	20525	12@0	QPSK	19.37			
n7	15	20	507000	50@25	DFT_BPSK	20.71			
Sum	15					23.10	19	26	PASS
Band5	15	10	20525	12@0	QPSK	19.38			
n7	15	20	507000	50@25	DFT_QPSK	20.74			
Sum	15					23.12	19	26	PASS
Band5	15	10	20600	1@38	QPSK	19.72			
n7	15	20	512000	1@105	DFT_BPSK	20.50			
Sum	15					23.13	19	26	PASS
Band5	15	10	20600	12@38	QPSK	19.23			
n7	15	20	512000	50@25	DFT_BPSK	20.65			
Sum	15					23.00	19	26	PASS
Band5	15	10	20600	1@38	QPSK	19.68			
n7	15	20	512000	1@105	DFT_QPSK	20.59			

Sum	15					23.16	19	26	PASS
Band5	15	10	20600	12@38	QPSK	19.23			
n7	15	20	512000	50@25	DFT_QPSK	20.66			
Sum	15					23.01	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
n7	15	5	500500	12@6	DFT_BPSK	-11.16	-0.00446	-2.5	2.5	PASS
n7	15	5	500500	1@1	DFT_BPSK	-11.02	-0.00440	-2.5	2.5	PASS
n7	15	5	500500	1@23	DFT_BPSK	-11.89	-0.00475	-2.5	2.5	PASS
n7	15	5	500500	12@6	DFT_QPSK	-8.54	-0.00341	-2.5	2.5	PASS
n7	15	5	500500	1@1	DFT_QPSK	-9.45	-0.00378	-2.5	2.5	PASS
n7	15	5	500500	1@23	DFT_QPSK	-9.90	-0.00396	-2.5	2.5	PASS
n7	15	5	507000	12@6	DFT_BPSK	-4.61	-0.00182	-2.5	2.5	PASS
n7	15	5	507000	1@1	DFT_BPSK	-3.81	-0.00150	-2.5	2.5	PASS
n7	15	5	507000	1@23	DFT_BPSK	-3.99	-0.00157	-2.5	2.5	PASS
n7	15	5	507000	12@6	DFT_QPSK	-3.57	-0.00141	-2.5	2.5	PASS
n7	15	5	507000	1@1	DFT_QPSK	-3.91	-0.00154	-2.5	2.5	PASS
n7	15	5	507000	1@23	DFT_QPSK	-3.79	-0.00150	-2.5	2.5	PASS
n7	15	5	513500	12@6	DFT_BPSK	-4.92	-0.00192	-2.5	2.5	PASS
n7	15	5	513500	1@1	DFT_BPSK	-8.69	-0.00338	-2.5	2.5	PASS
n7	15	5	513500	1@23	DFT_BPSK	-8.29	-0.00323	-2.5	2.5	PASS
n7	15	5	513500	12@6	DFT_QPSK	-8.22	-0.00320	-2.5	2.5	PASS
n7	15	5	513500	1@1	DFT_QPSK	-8.86	-0.00345	-2.5	2.5	PASS
n7	15	5	513500	1@23	DFT_QPSK	-8.02	-0.00312	-2.5	2.5	PASS
n7	15	15	501500	36@18	DFT_BPSK	-1.97	-0.00079	-2.5	2.5	PASS
n7	15	15	501500	1@1	DFT_BPSK	-2.35	-0.00094	-2.5	2.5	PASS
n7	15	15	501500	1@77	DFT_BPSK	-0.38	-0.00015	-2.5	2.5	PASS
n7	15	15	501500	36@18	DFT_QPSK	-1.72	-0.00069	-2.5	2.5	PASS
n7	15	15	501500	1@1	DFT_QPSK	-0.62	-0.00025	-2.5	2.5	PASS
n7	15	15	501500	1@77	DFT_QPSK	-1.50	-0.00060	-2.5	2.5	PASS
n7	15	15	507000	36@18	DFT_BPSK	-1.03	-0.00041	-2.5	2.5	PASS
n7	15	15	507000	1@1	DFT_BPSK	-1.11	-0.00044	-2.5	2.5	PASS
n7	15	15	507000	1@77	DFT_BPSK	-1.41	-0.00056	-2.5	2.5	PASS
n7	15	15	507000	36@18	DFT_QPSK	-1.82	-0.00072	-2.5	2.5	PASS
n7	15	15	507000	1@1	DFT_QPSK	-2.00	-0.00079	-2.5	2.5	PASS
n7	15	15	507000	1@77	DFT_QPSK	-2.08	-0.00082	-2.5	2.5	PASS
n7	15	15	512500	36@18	DFT_BPSK	-7.71	-0.00301	-2.5	2.5	PASS
n7	15	15	512500	1@1	DFT_BPSK	-7.27	-0.00284	-2.5	2.5	PASS
n7	15	15	512500	1@77	DFT_BPSK	-9.14	-0.00357	-2.5	2.5	PASS
n7	15	15	512500	36@18	DFT_QPSK	-6.79	-0.00265	-2.5	2.5	PASS
n7	15	15	512500	1@1	DFT_QPSK	-9.55	-0.00373	-2.5	2.5	PASS
n7	15	15	512500	1@77	DFT_QPSK	-9.55	-0.00373	-2.5	2.5	PASS
n7	15	20	502000	50@25	DFT_BPSK	-8.22	-0.00327	-2.5	2.5	PASS
n7	15	20	502000	1@1	DFT_BPSK	-5.67	-0.00226	-2.5	2.5	PASS
n7	15	20	502000	1@104	DFT_BPSK	-5.28	-0.00210	-2.5	2.5	PASS

n7	15	20	502000	50@25	DFT_QPSK	-3.13	-0.00125	-2.5	2.5	PASS
n7	15	20	502000	1@1	DFT_QPSK	-7.47	-0.00298	-2.5	2.5	PASS
n7	15	20	502000	1@104	DFT_QPSK	-6.76	-0.00269	-2.5	2.5	PASS
n7	15	20	507000	50@25	DFT_BPSK	-1.92	-0.00076	-2.5	2.5	PASS
n7	15	20	507000	1@1	DFT_BPSK	-1.00	-0.00039	-2.5	2.5	PASS
n7	15	20	507000	1@104	DFT_BPSK	-3.15	-0.00124	-2.5	2.5	PASS
n7	15	20	507000	50@25	DFT_QPSK	-1.85	-0.00073	-2.5	2.5	PASS
n7	15	20	507000	1@1	DFT_QPSK	-1.40	-0.00055	-2.5	2.5	PASS
n7	15	20	507000	1@104	DFT_QPSK	-0.89	-0.00035	-2.5	2.5	PASS
n7	15	20	512000	50@25	DFT_BPSK	-1.80	-0.00070	-2.5	2.5	PASS
n7	15	20	512000	1@1	DFT_BPSK	-5.93	-0.00232	-2.5	2.5	PASS
n7	15	20	512000	1@104	DFT_BPSK	-6.08	-0.00238	-2.5	2.5	PASS
n7	15	20	512000	50@25	DFT_QPSK	-4.28	-0.00167	-2.5	2.5	PASS
n7	15	20	512000	1@1	DFT_QPSK	-4.53	-0.00177	-2.5	2.5	PASS
n7	15	20	512000	1@104	DFT_QPSK	-3.91	-0.00153	-2.5	2.5	PASS

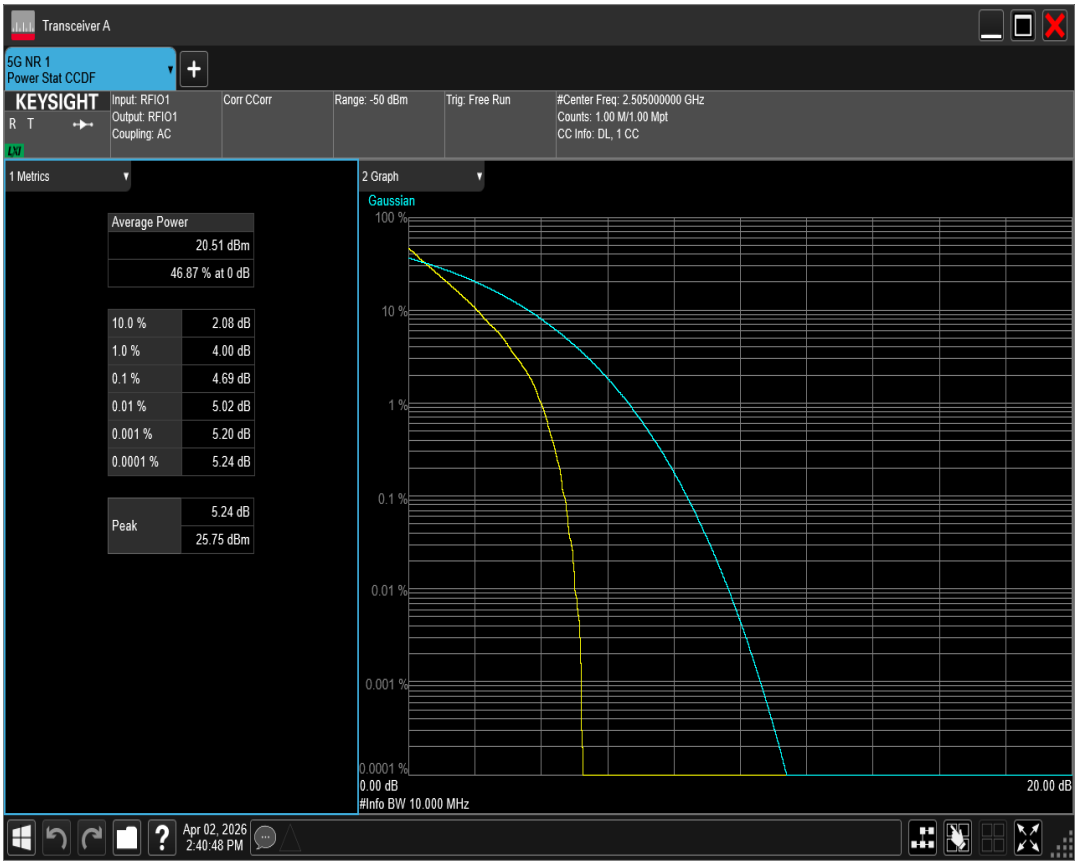
Note: (Voltage: 3.92V, Temperature: 25°C) only reflect the worst mode.

3 Peak-to-Average Ratio for EN-DC

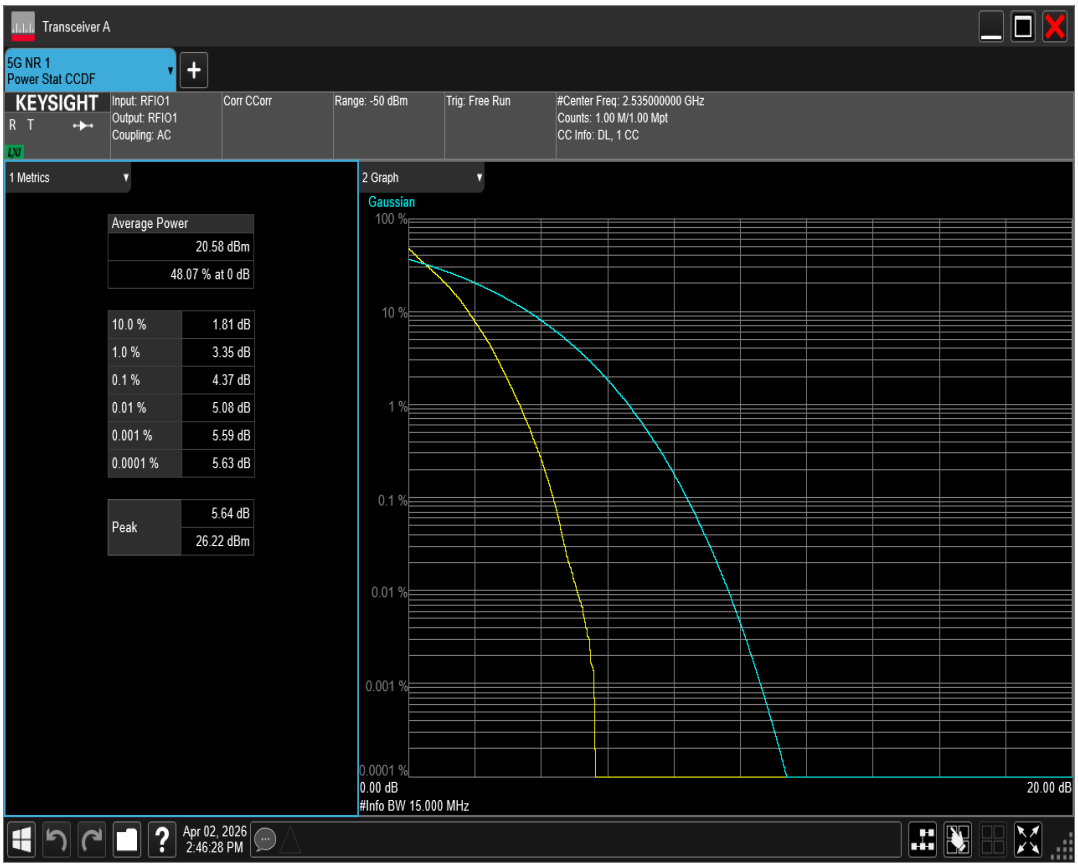
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n7	15	5	500500	25@0	DFT_BPSK	4.28	13	PASS
n7	15	5	500500	25@0	DFT_QPSK	5.47	13	PASS
n7	15	5	500500	25@0	DFT_QAM16	6.35	13	PASS
n7	15	5	500500	25@0	DFT_QAM64	6.53	13	PASS
n7	15	5	500500	25@0	DFT_QAM256	6.71	13	PASS
n7	15	5	507000	25@0	DFT_BPSK	4.30	13	PASS
n7	15	5	507000	25@0	DFT_QPSK	5.68	13	PASS
n7	15	5	507000	25@0	DFT_QAM16	6.29	13	PASS
n7	15	5	507000	25@0	DFT_QAM64	6.64	13	PASS
n7	15	5	507000	25@0	DFT_QAM256	6.82	13	PASS
n7	15	5	513500	25@0	DFT_BPSK	4.83	13	PASS
n7	15	5	513500	25@0	DFT_QPSK	5.63	13	PASS
n7	15	5	513500	25@0	DFT_QAM16	6.03	13	PASS
n7	15	5	513500	25@0	DFT_QAM64	6.31	13	PASS
n7	15	5	513500	25@0	DFT_QAM256	6.59	13	PASS
n7	15	10	501000	50@0	DFT_BPSK	4.69	13	PASS
n7	15	10	501000	50@0	DFT_QPSK	5.44	13	PASS
n7	15	10	501000	50@0	DFT_QAM16	6.23	13	PASS
n7	15	10	501000	50@0	DFT_QAM64	6.54	13	PASS
n7	15	10	501000	50@0	DFT_QAM256	6.60	13	PASS
n7	15	10	507000	50@0	DFT_BPSK	4.39	13	PASS
n7	15	10	507000	50@0	DFT_QPSK	5.54	13	PASS
n7	15	10	507000	50@0	DFT_QAM16	6.32	13	PASS
n7	15	10	507000	50@0	DFT_QAM64	6.50	13	PASS
n7	15	10	507000	50@0	DFT_QAM256	6.60	13	PASS
n7	15	10	513000	50@0	DFT_BPSK	5.46	13	PASS
n7	15	10	513000	50@0	DFT_QPSK	5.67	13	PASS
n7	15	10	513000	50@0	DFT_QAM16	6.38	13	PASS
n7	15	10	513000	50@0	DFT_QAM64	6.57	13	PASS
n7	15	10	513000	50@0	DFT_QAM256	6.59	13	PASS
n7	15	15	501500	75@0	DFT_BPSK	4.43	13	PASS
n7	15	15	501500	75@0	DFT_QPSK	5.58	13	PASS
n7	15	15	501500	75@0	DFT_QAM16	6.21	13	PASS
n7	15	15	501500	75@0	DFT_QAM64	6.47	13	PASS
n7	15	15	501500	75@0	DFT_QAM256	6.65	13	PASS
n7	15	15	507000	75@0	DFT_BPSK	4.37	13	PASS
n7	15	15	507000	75@0	DFT_QPSK	5.56	13	PASS
n7	15	15	507000	75@0	DFT_QAM16	6.39	13	PASS
n7	15	15	507000	75@0	DFT_QAM64	6.62	13	PASS

n7	15	15	507000	75@0	DFT_QAM256	6.70	13	PASS
n7	15	15	512500	75@0	DFT_BPSK	4.40	13	PASS
n7	15	15	512500	75@0	DFT_QPSK	5.45	13	PASS
n7	15	15	512500	75@0	DFT_QAM16	6.28	13	PASS
n7	15	15	512500	75@0	DFT_QAM64	6.45	13	PASS
n7	15	15	512500	75@0	DFT_QAM256	6.49	13	PASS
n7	15	20	502000	100@0	DFT_BPSK	4.39	13	PASS
n7	15	20	502000	100@0	DFT_QPSK	5.53	13	PASS
n7	15	20	502000	100@0	DFT_QAM16	6.36	13	PASS
n7	15	20	502000	100@0	DFT_QAM64	6.43	13	PASS
n7	15	20	502000	100@0	DFT_QAM256	6.75	13	PASS
n7	15	20	507000	100@0	DFT_BPSK	4.32	13	PASS
n7	15	20	507000	100@0	DFT_QPSK	5.55	13	PASS
n7	15	20	507000	100@0	DFT_QAM16	6.19	13	PASS
n7	15	20	507000	100@0	DFT_QAM64	6.50	13	PASS
n7	15	20	507000	100@0	DFT_QAM256	6.57	13	PASS
n7	15	20	512000	100@0	DFT_BPSK	5.77	13	PASS
n7	15	20	512000	100@0	DFT_QPSK	5.96	13	PASS
n7	15	20	512000	100@0	DFT_QAM16	6.46	13	PASS
n7	15	20	512000	100@0	DFT_QAM64	6.54	13	PASS
n7	15	20	512000	100@0	DFT_QAM256	6.61	13	PASS

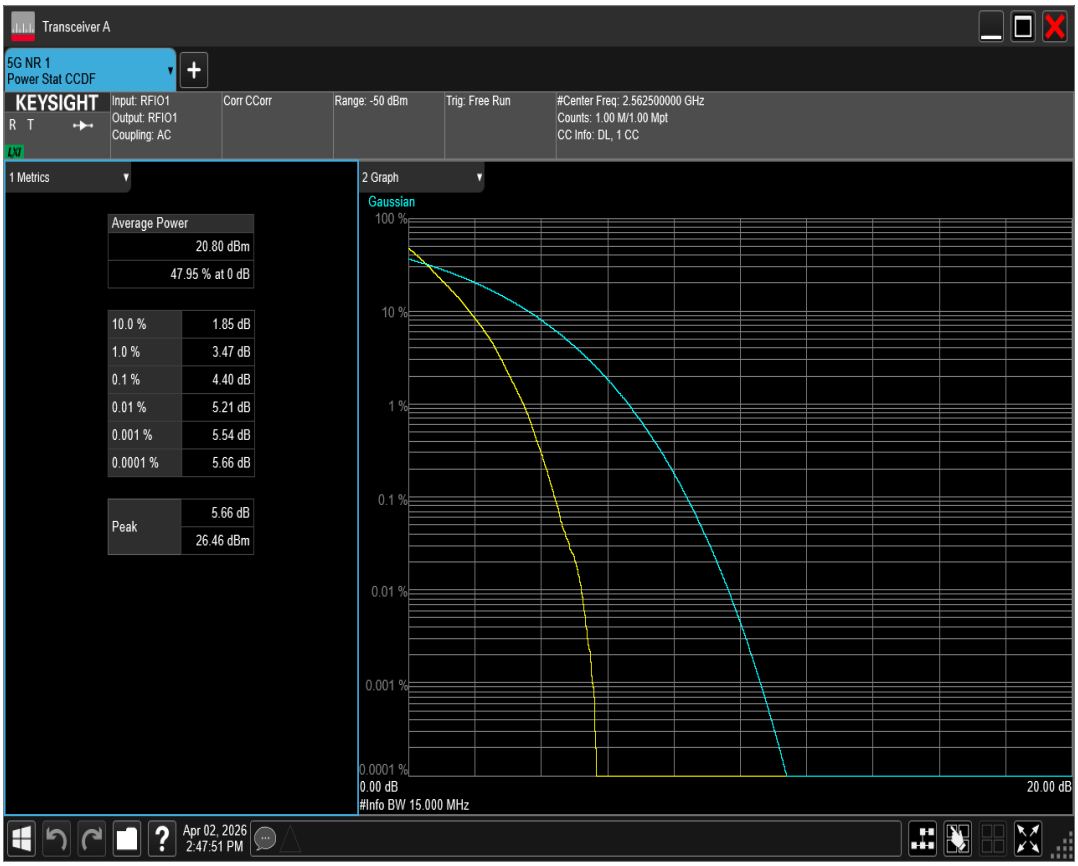
n7 SCS=15kHz DFT_BPSK BW=10MHz Channel=501000 RB=50@0



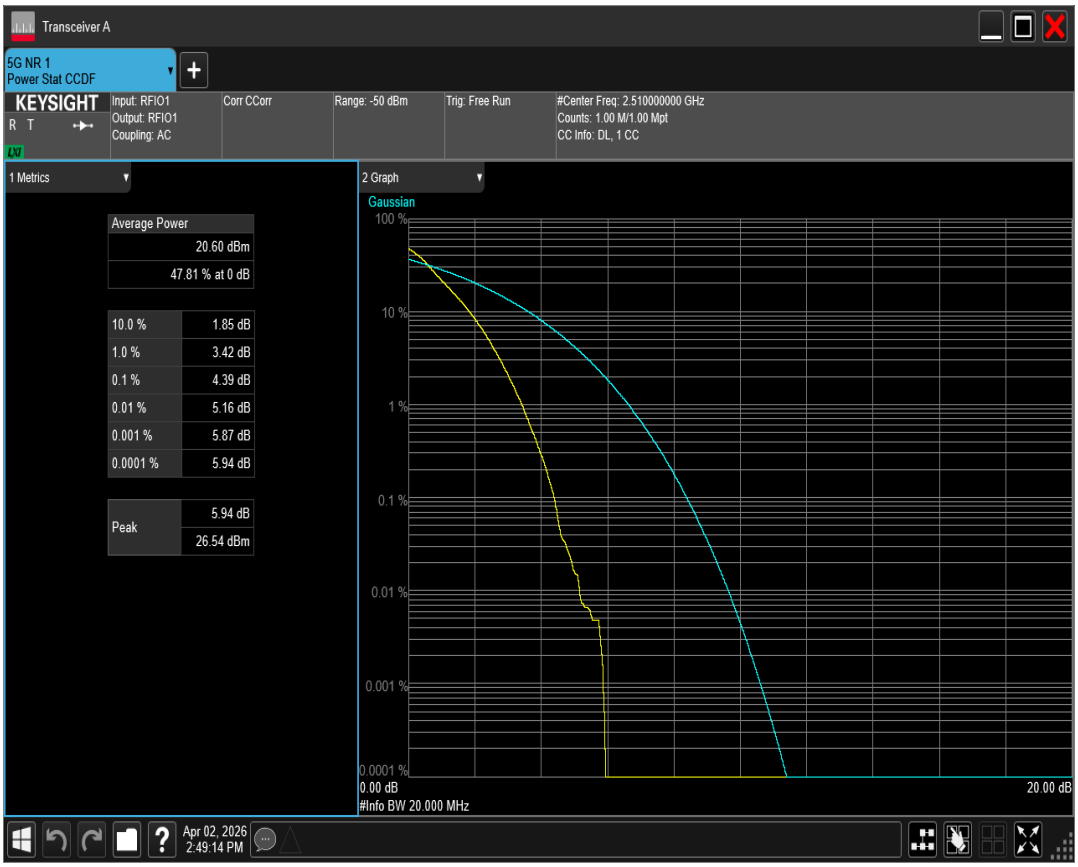
n7 SCS=15kHz DFT_BPSK BW=15MHz Channel=507000 RB=75@0



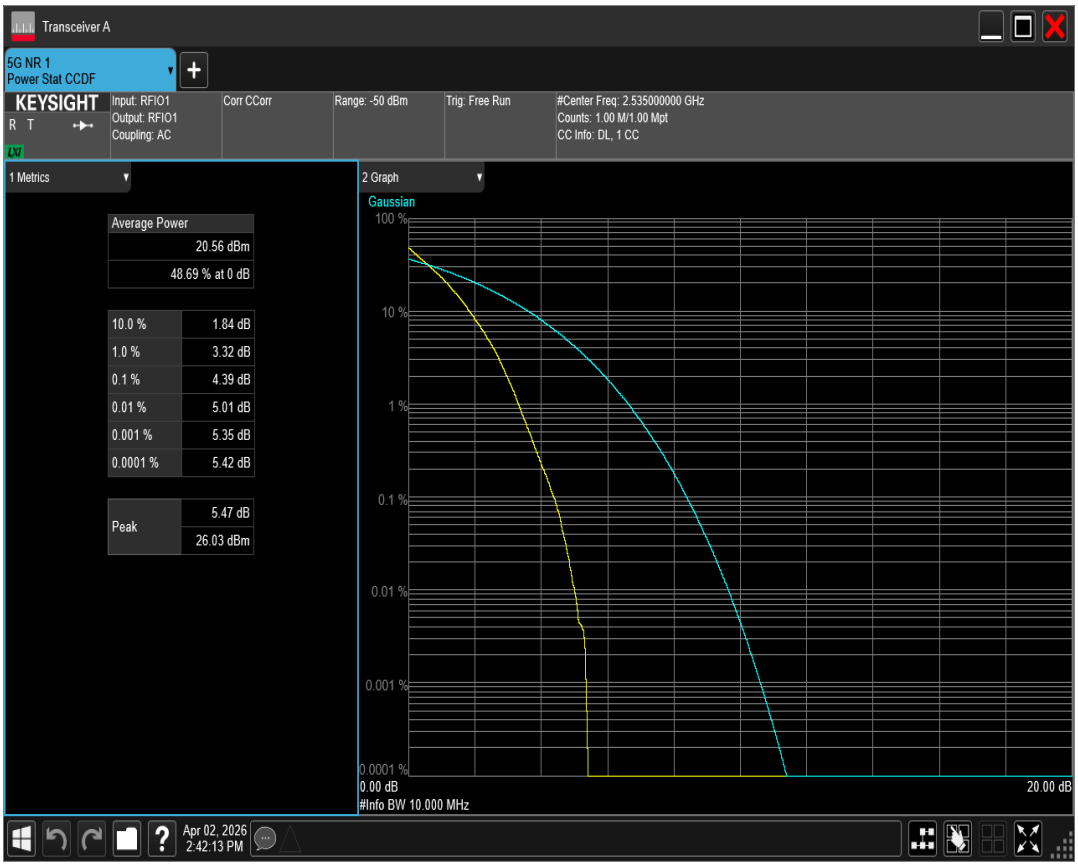
n7 SCS=15kHz DFT_BPSK BW=15MHz Channel=512500 RB=75@0



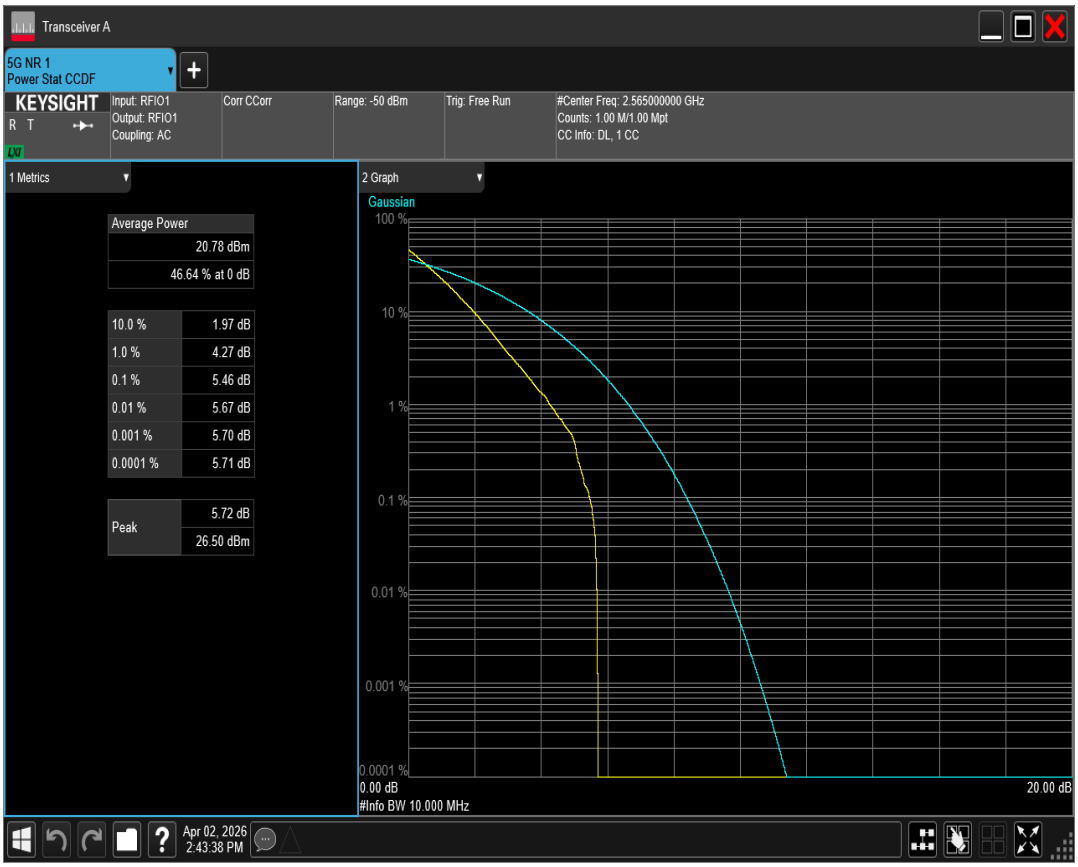
n7 SCS=15kHz DFT_BPSK BW=20MHz Channel=502000 RB=100@0



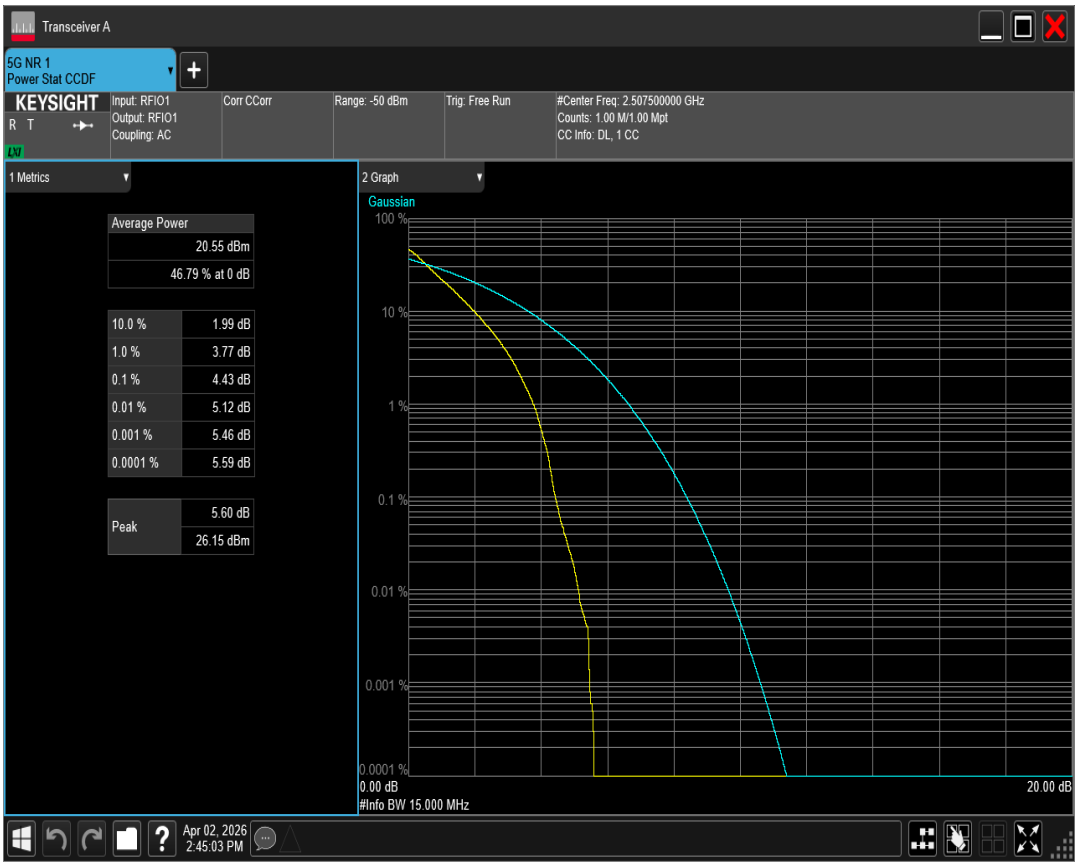
n7 SCS=15kHz DFT_BPSK BW=10MHz Channel=507000 RB=50@0



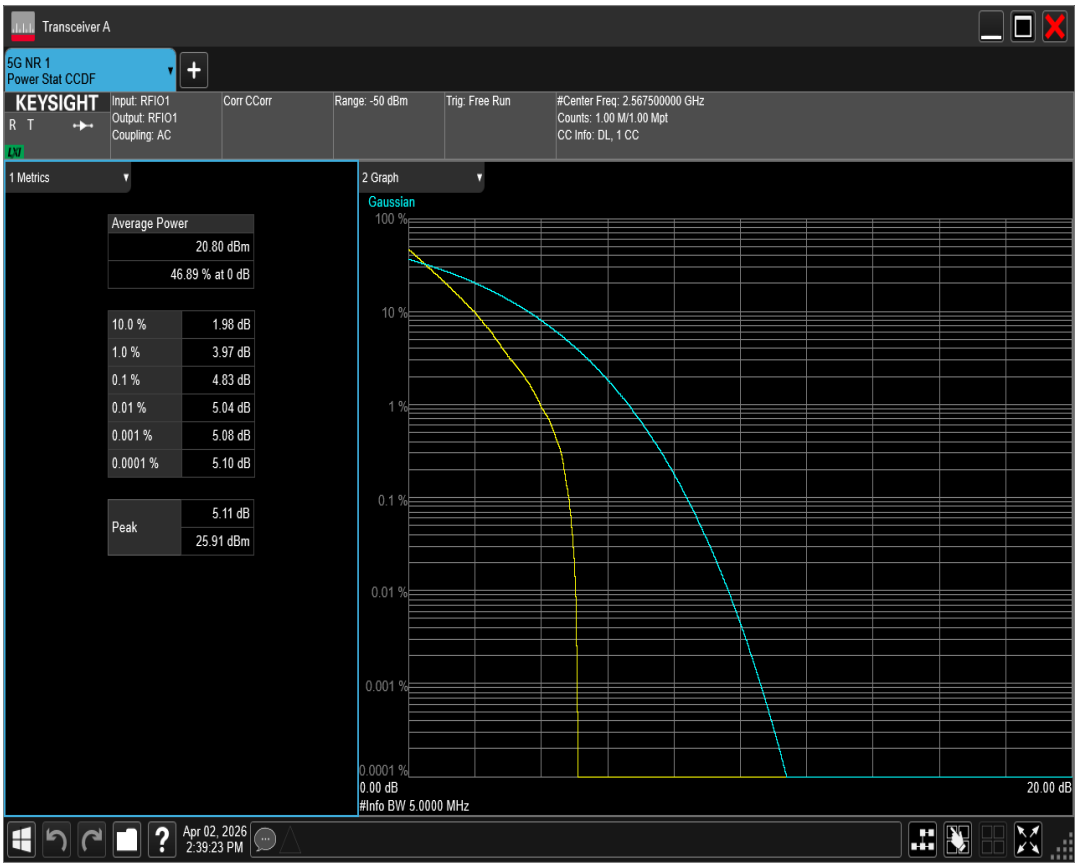
n7 SCS=15kHz DFT_BPSK BW=10MHz Channel=513000 RB=50@0



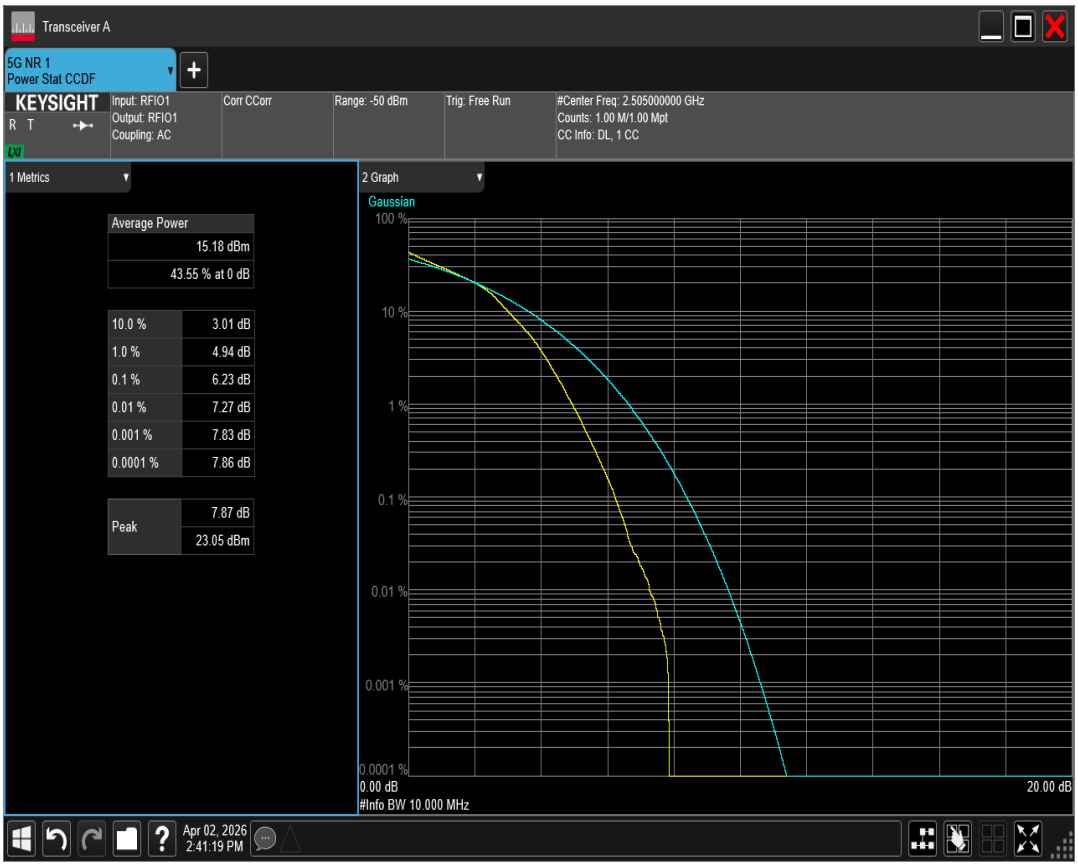
n7 SCS=15kHz DFT_BPSK BW=15MHz Channel=501500 RB=75@0



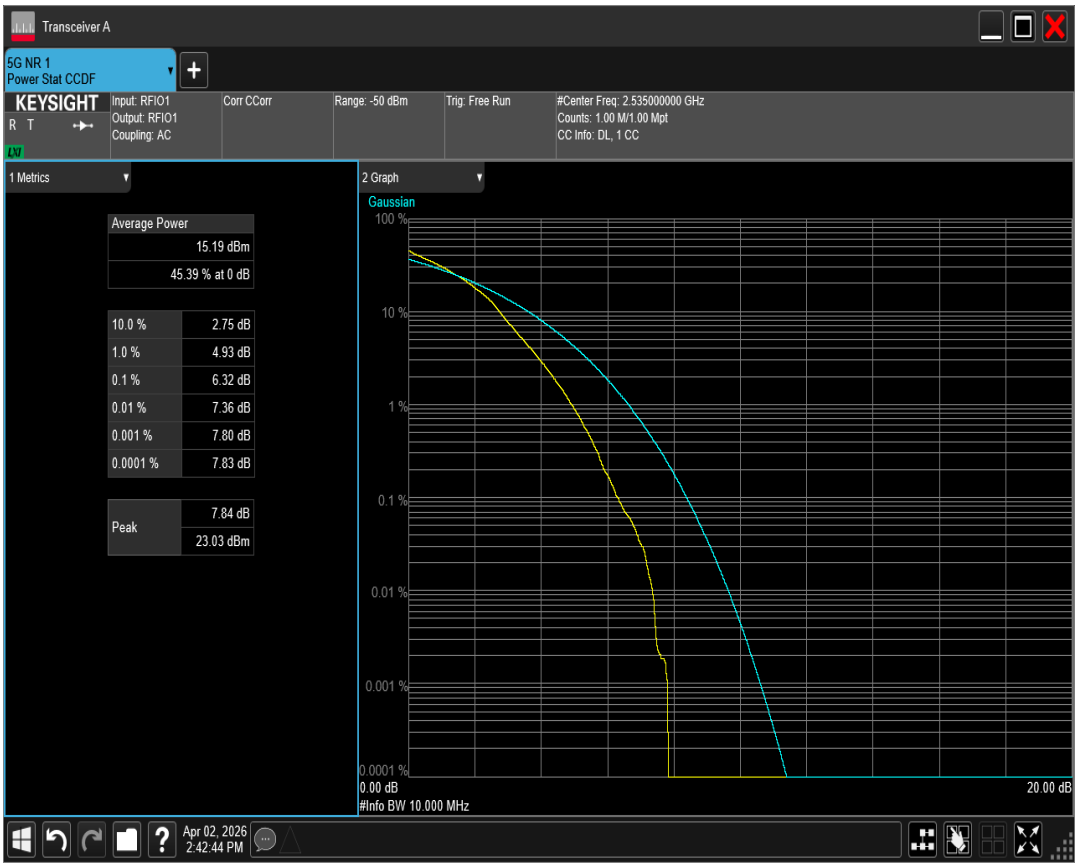
n7 SCS=15kHz DFT_BPSK BW=5MHz Channel=513500 RB=25@0



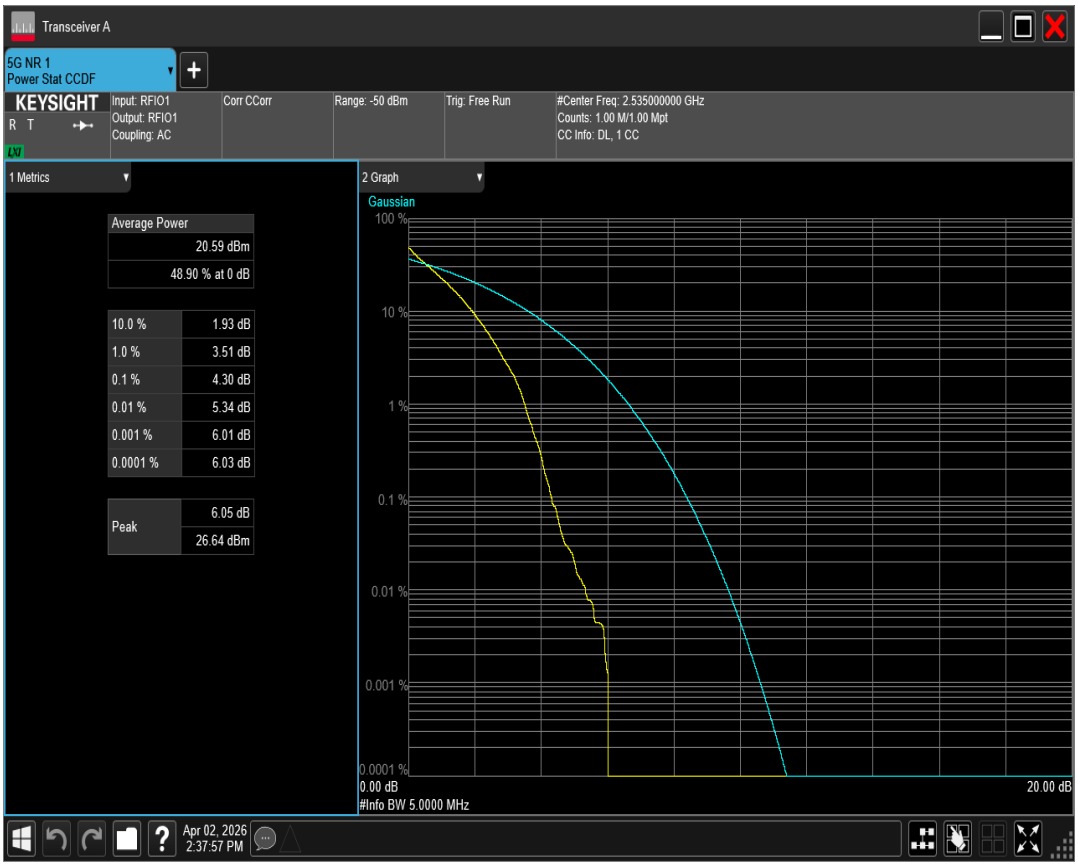
n7 SCS=15kHz DFT_QAM16 BW=10MHz Channel=501000 RB=50@0



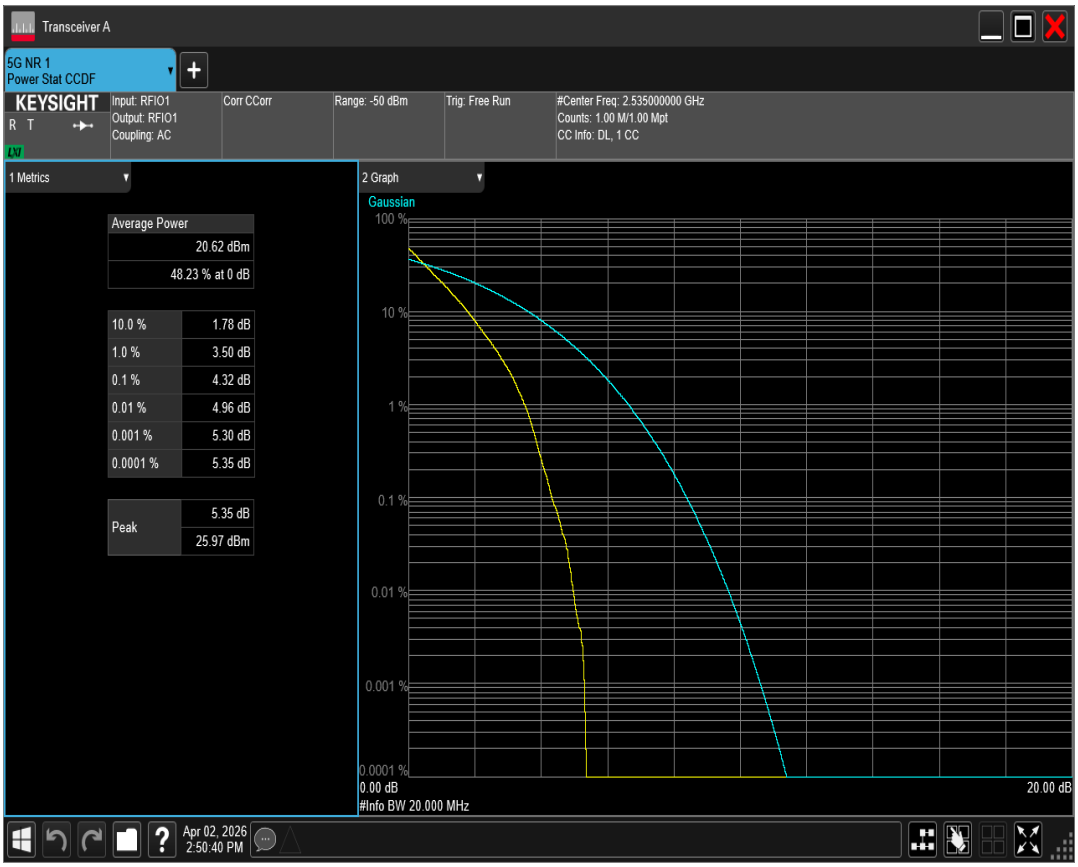
n7 SCS=15kHz DFT_QAM16 BW=10MHz Channel=507000 RB=50@0



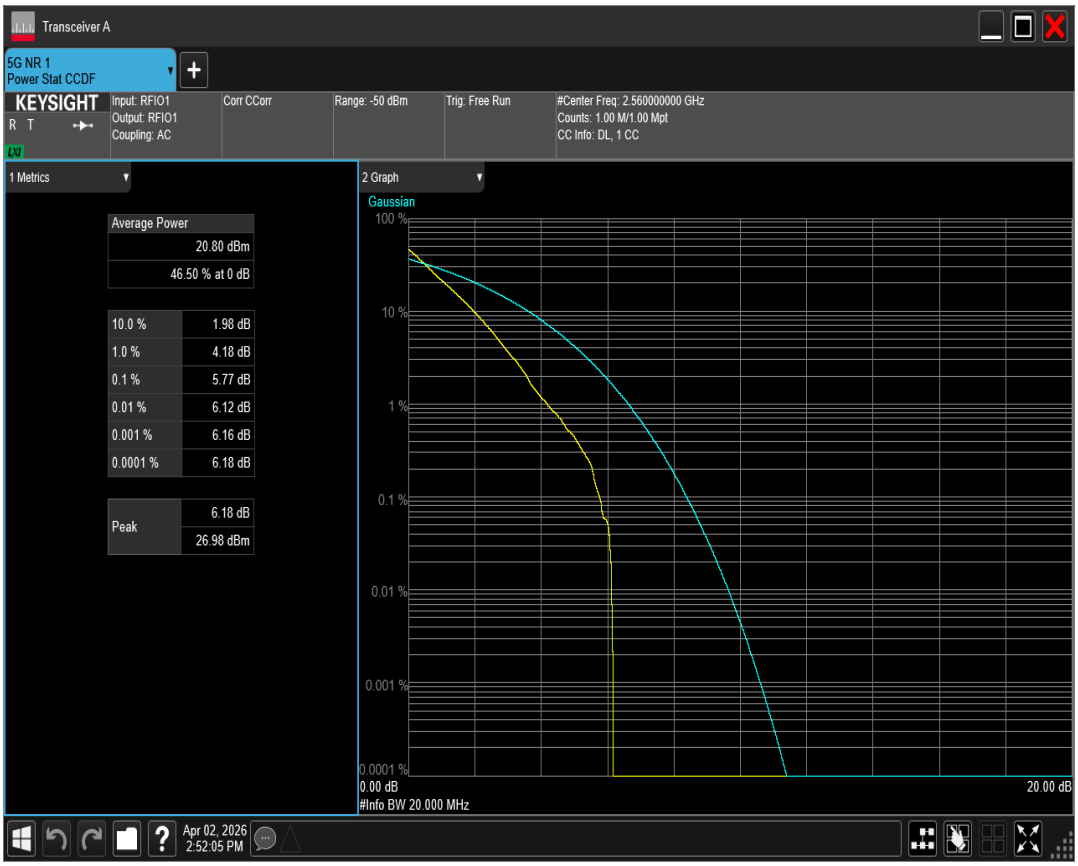
n7 SCS=15kHz DFT_BPSK BW=5MHz Channel=507000 RB=25@0



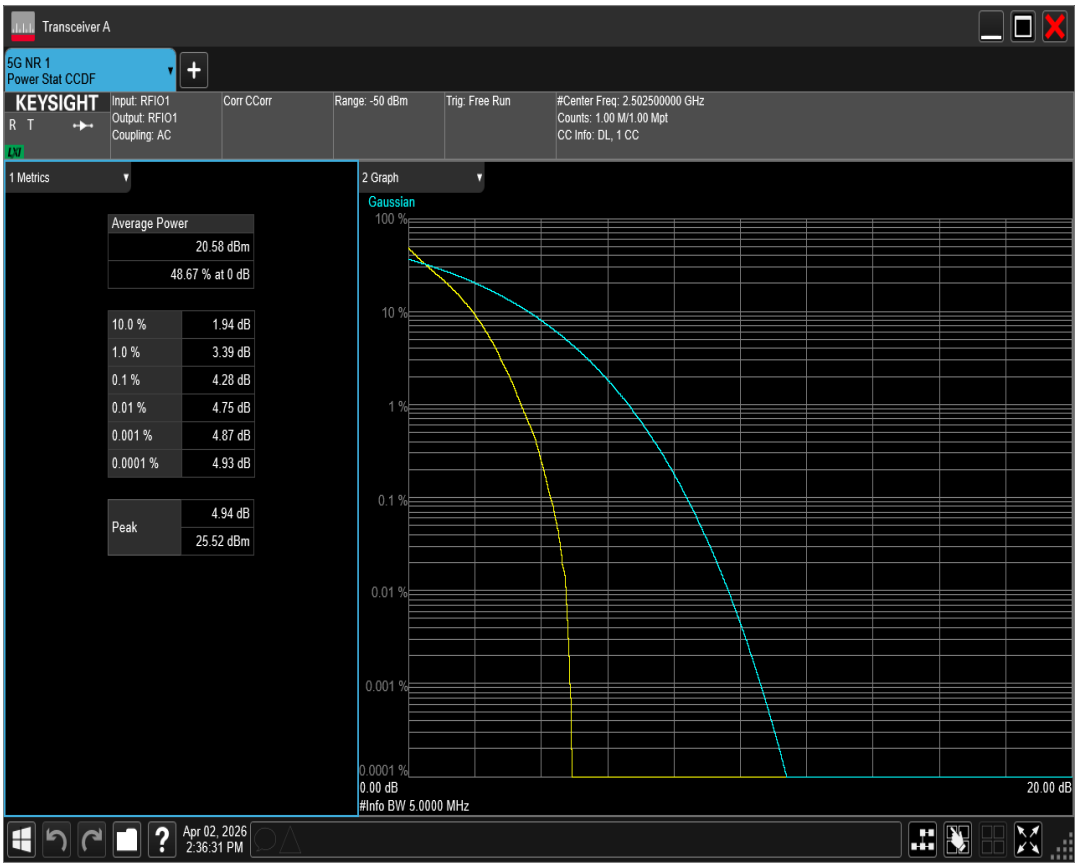
n7 SCS=15kHz DFT_BPSK BW=20MHz Channel=507000 RB=100@0



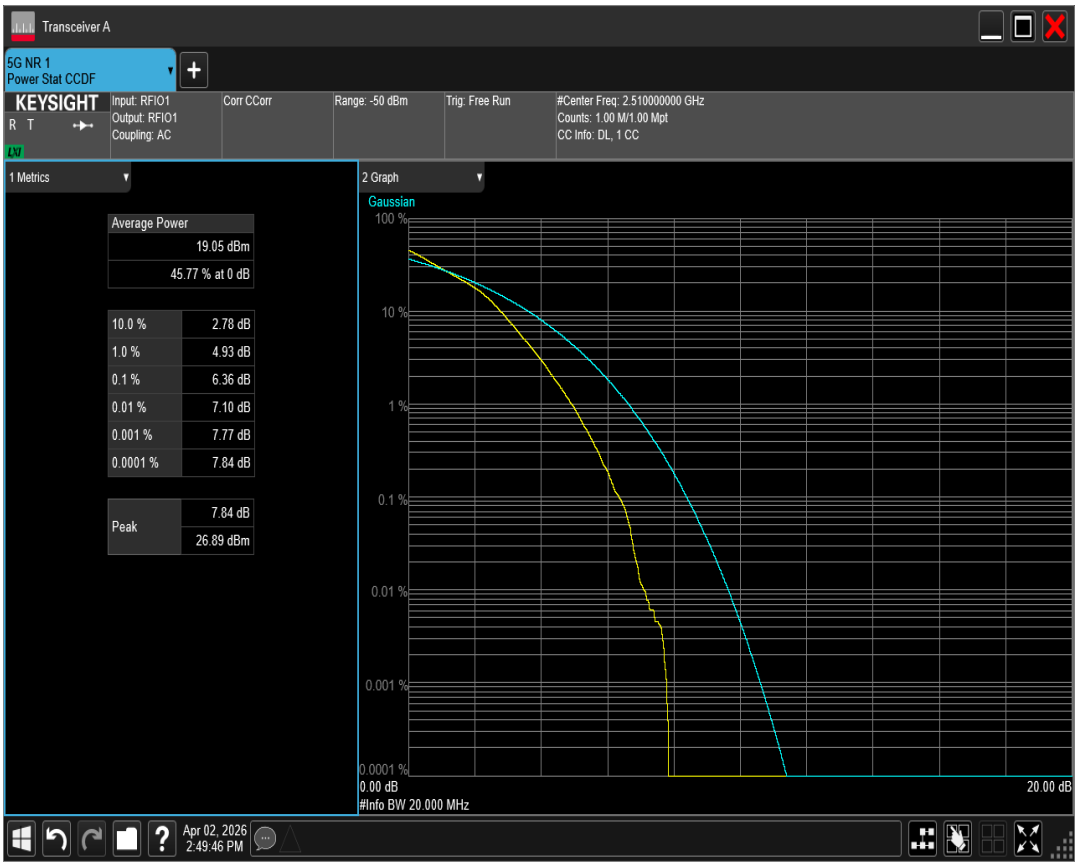
n7 SCS=15kHz DFT_BPSK BW=20MHz Channel=512000 RB=100@0



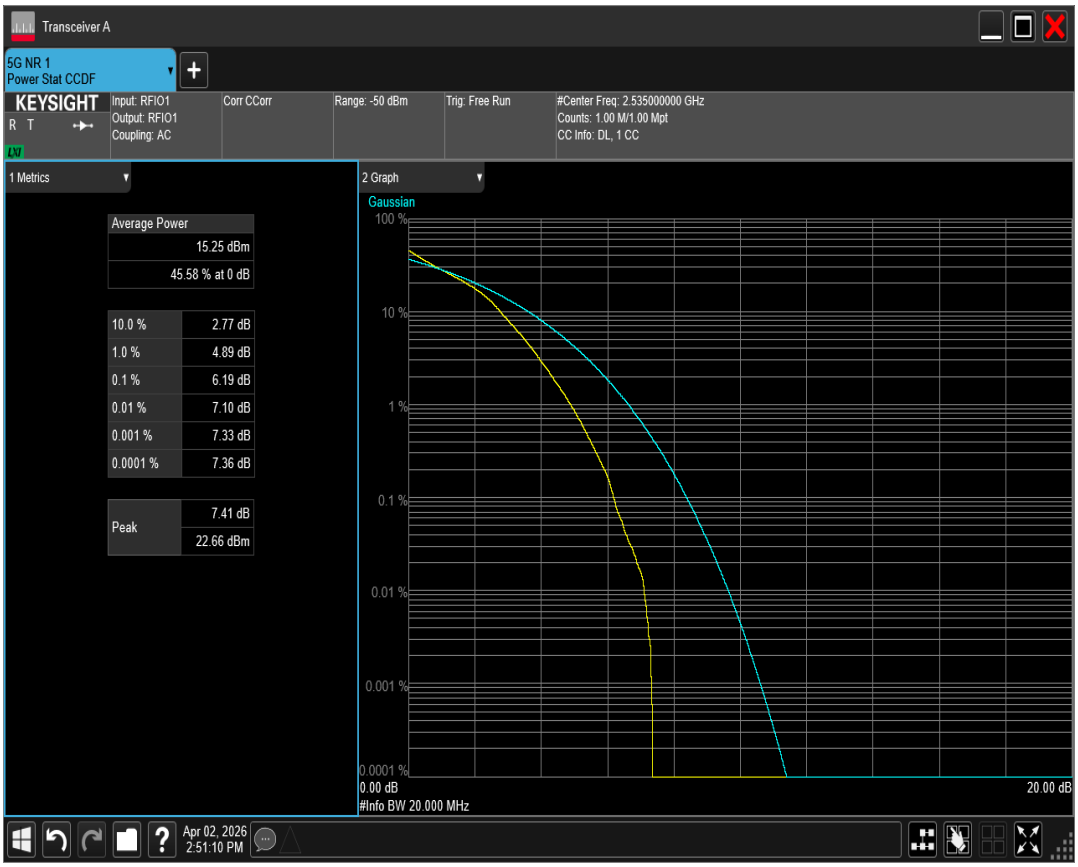
n7 SCS=15kHz DFT_BPSK BW=5MHz Channel=500500 RB=25@0



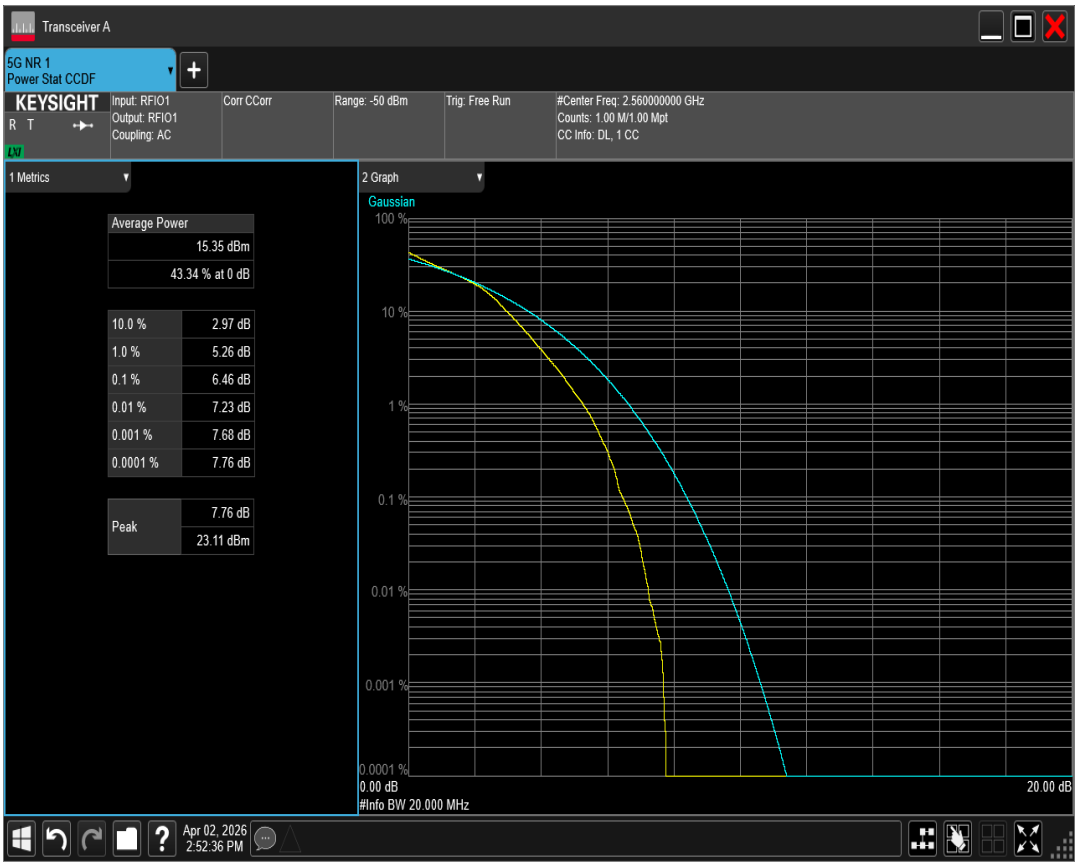
n7 SCS=15kHz DFT_QAM16 BW=20MHz Channel=502000 RB=100@0



n7 SCS=15kHz DFT_QAM16 BW=20MHz Channel=507000 RB=100@0



n7 SCS=15kHz DFT_QAM16 BW=20MHz Channel=512000 RB=100@0



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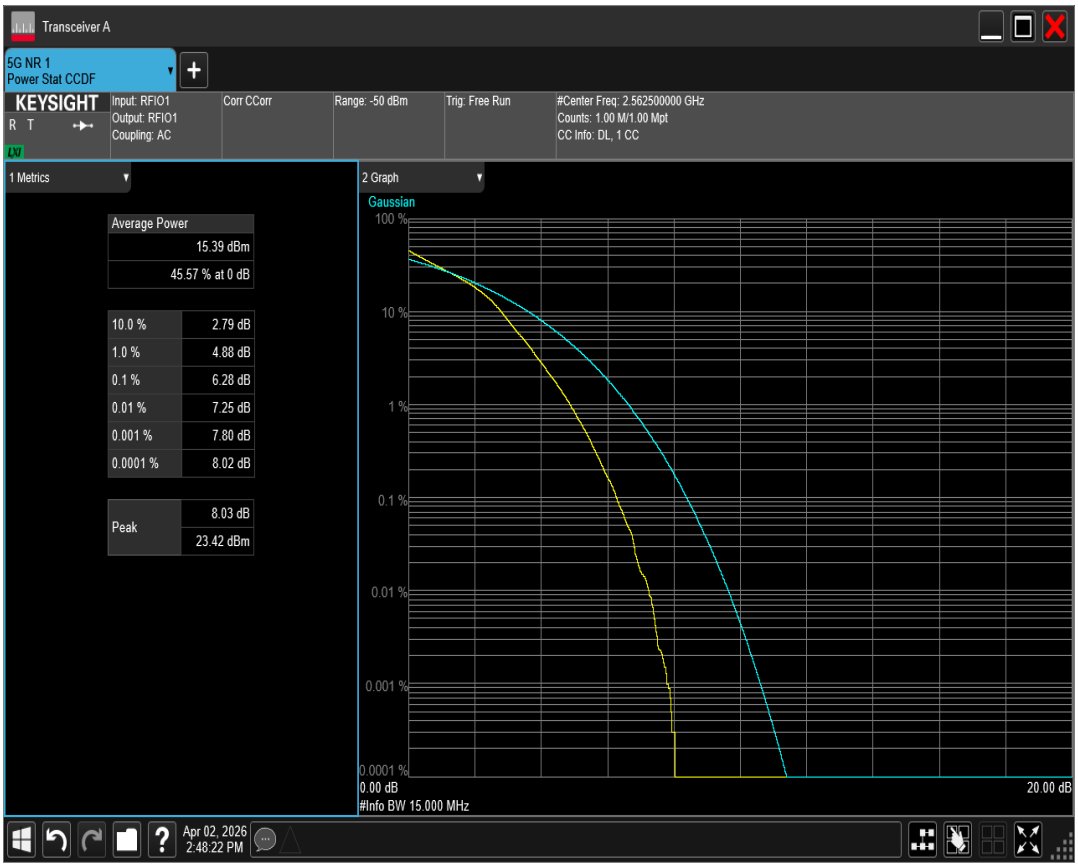

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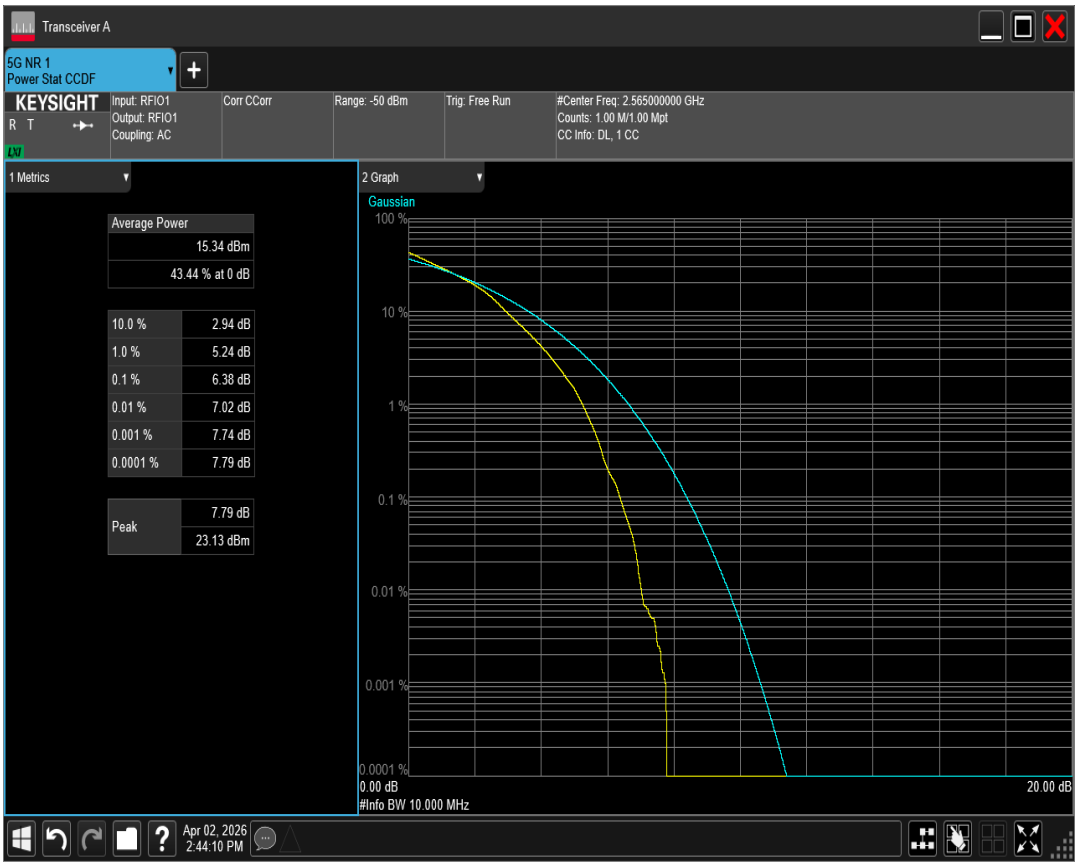

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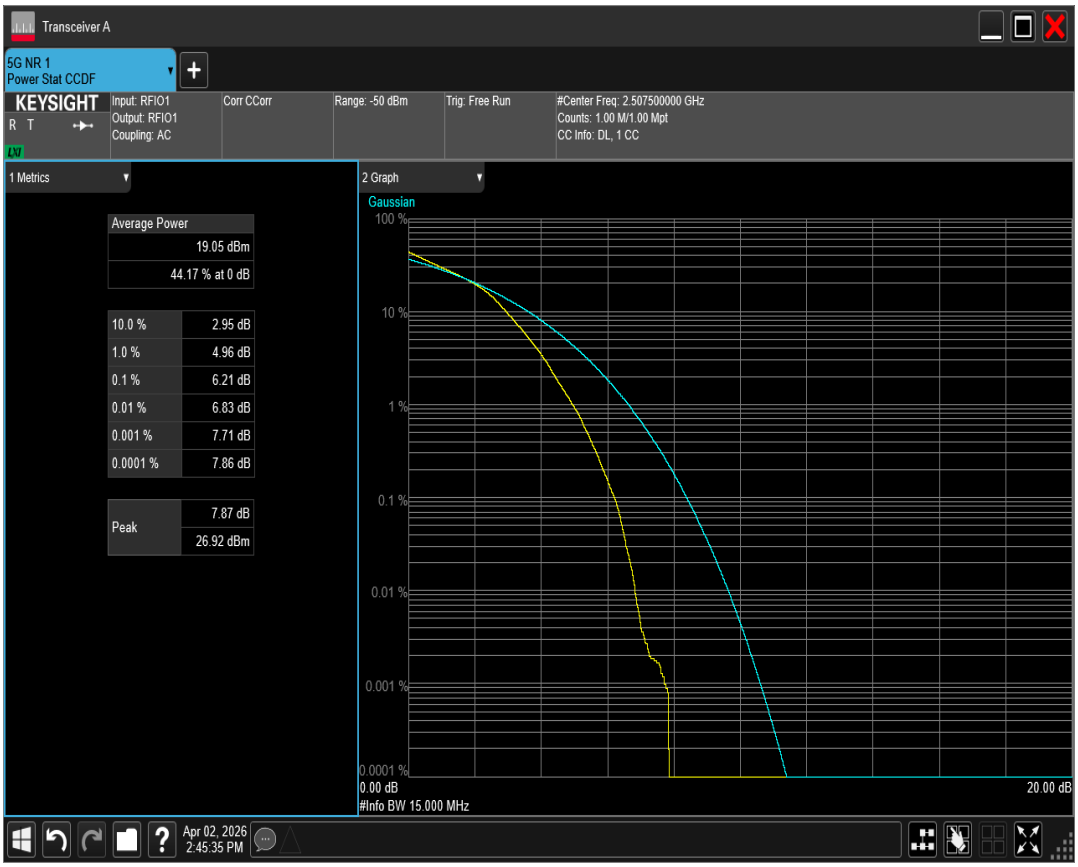

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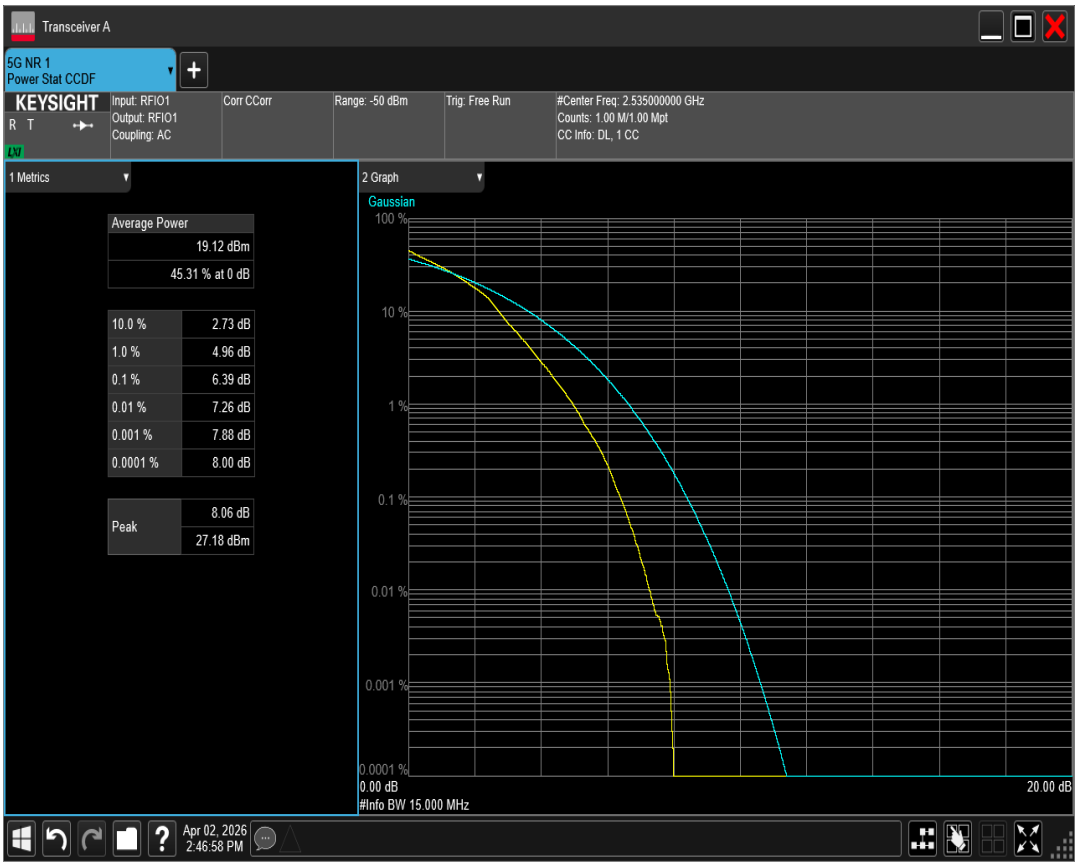

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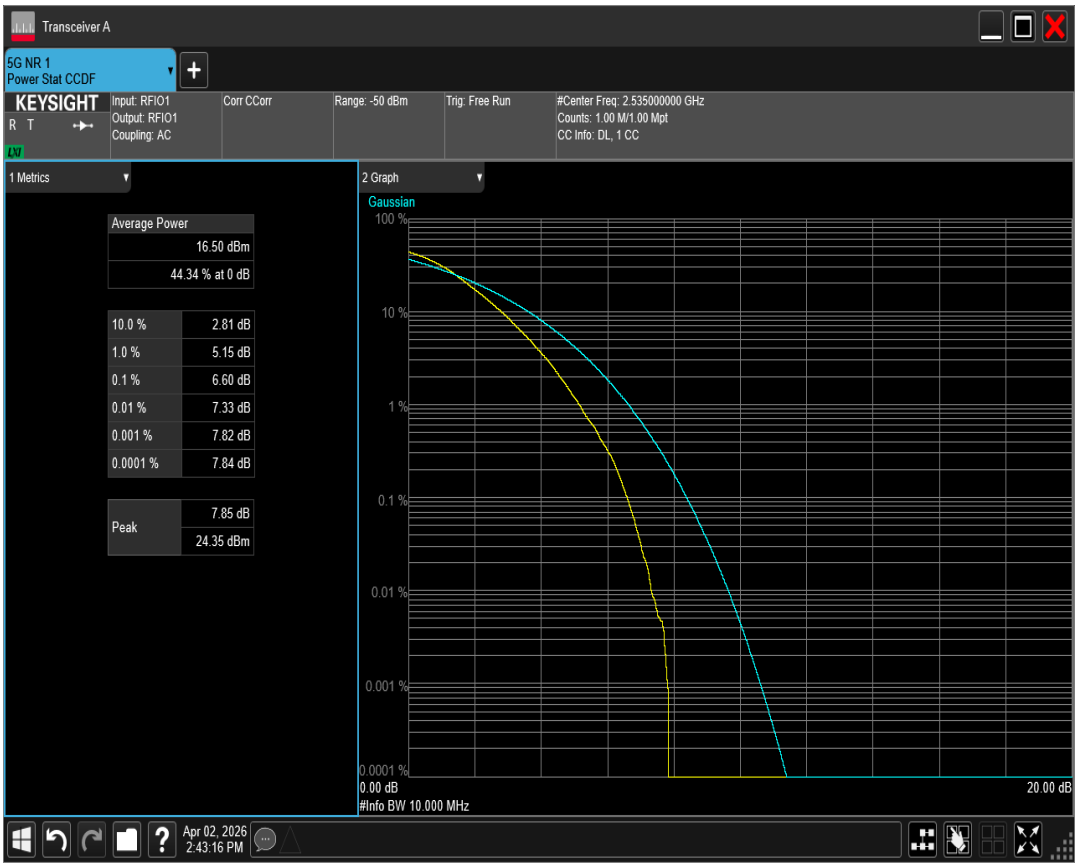

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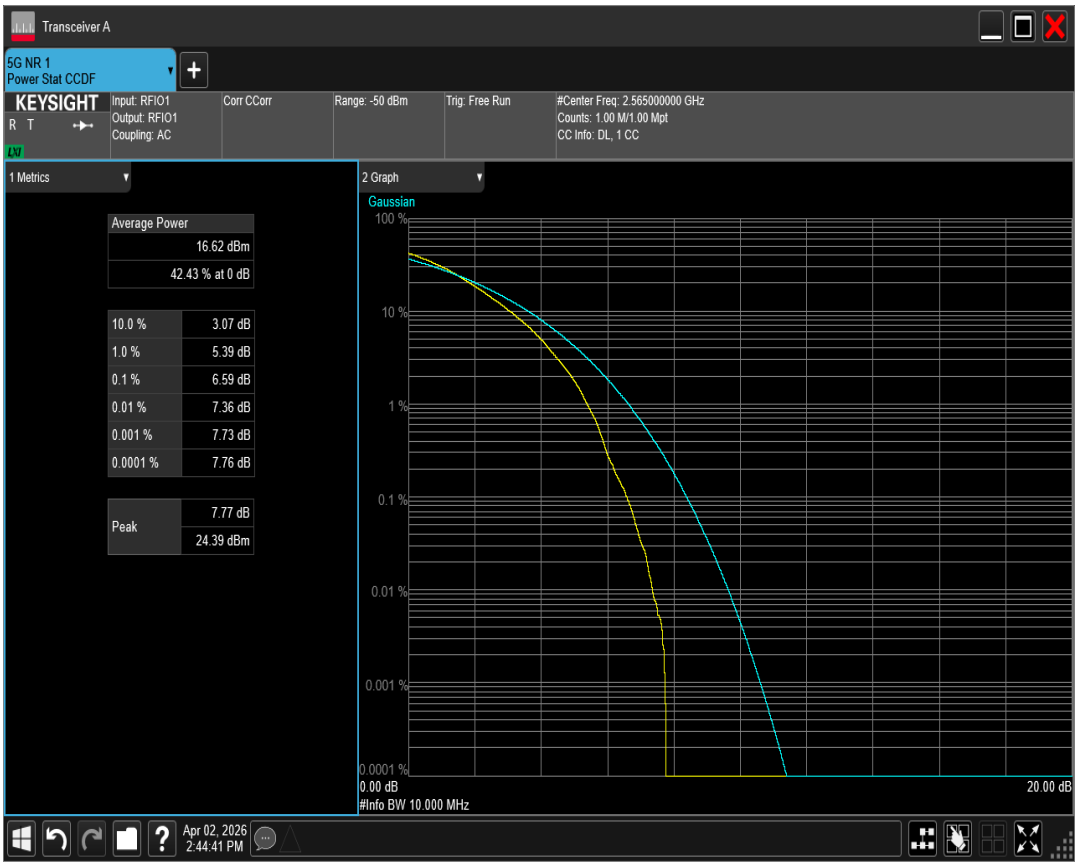
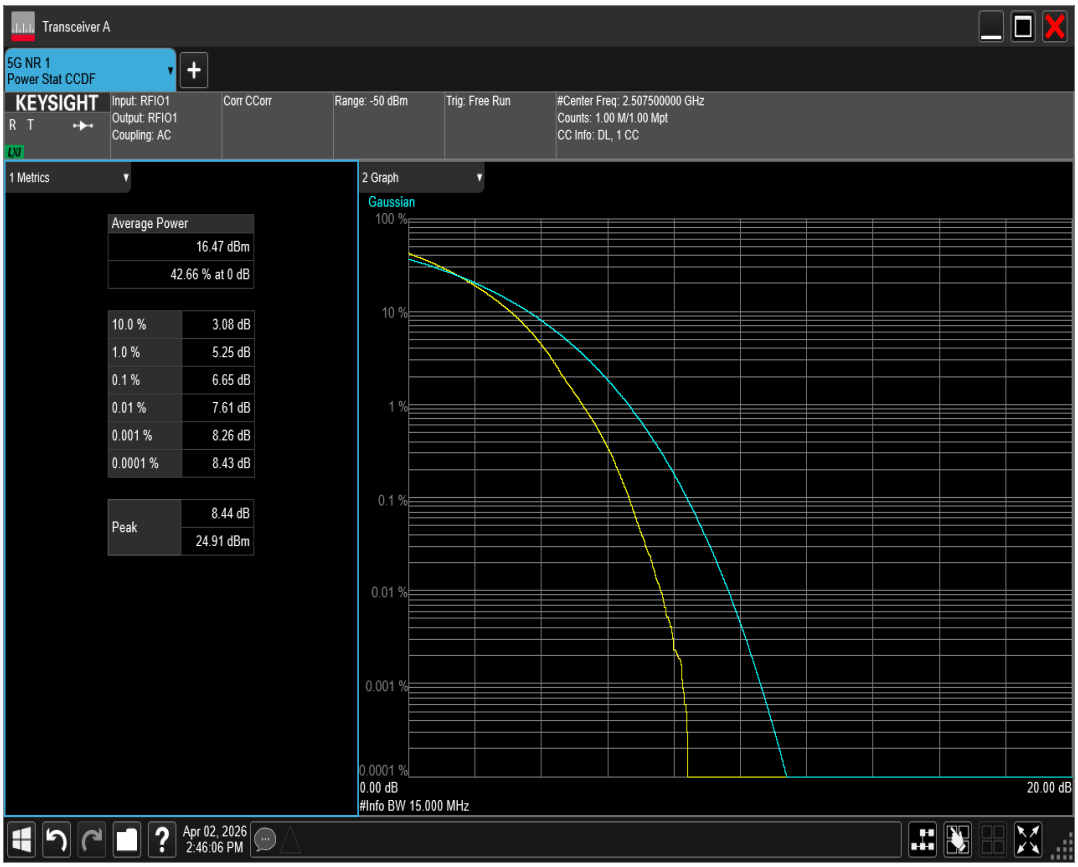
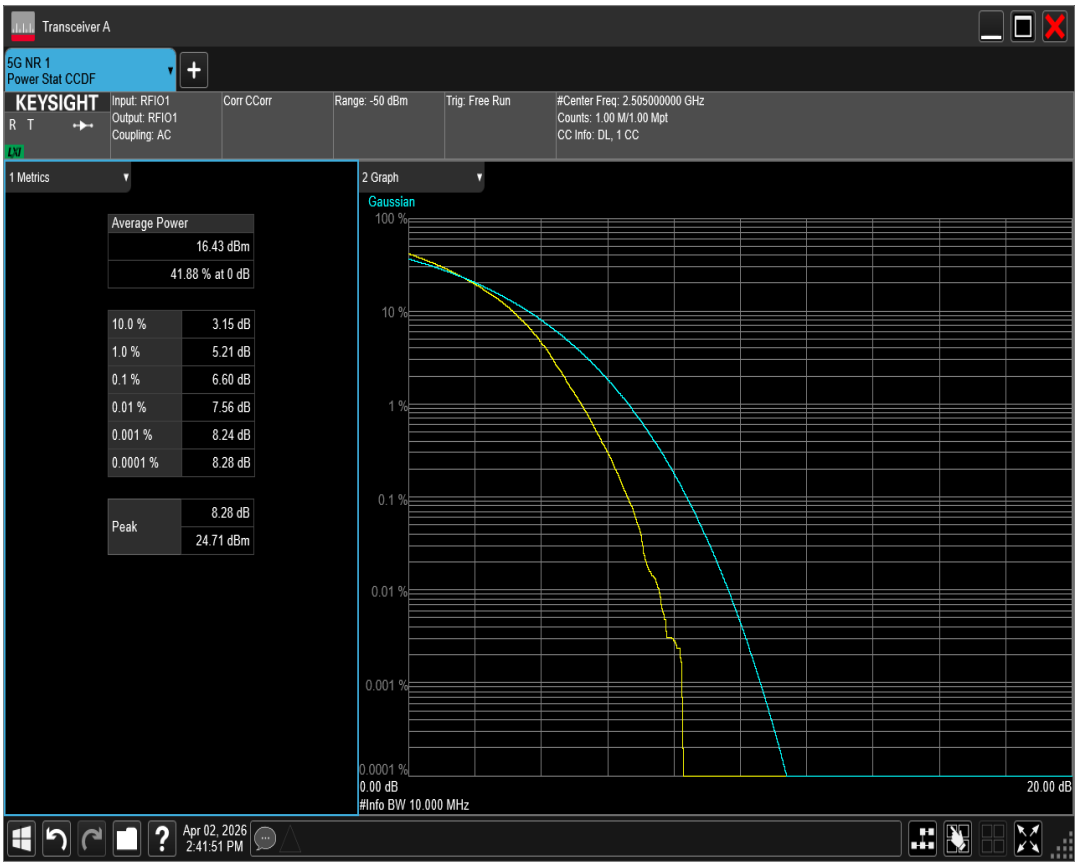


n7 SCS=15kHz DFT_QAM256 BW=15MHz Channel=501500 RB=75@0



n7 SCS=15kHz DFT_QAM256 BW=10MHz Channel=501000 RB=50@0



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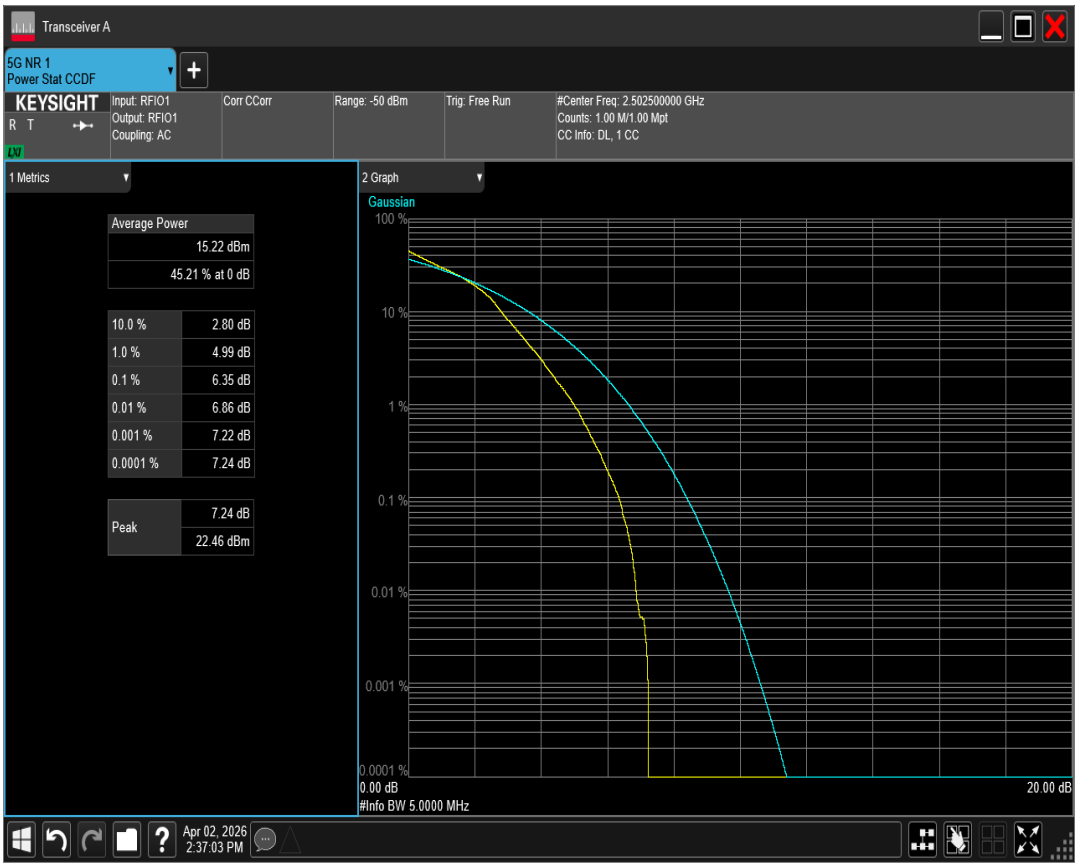
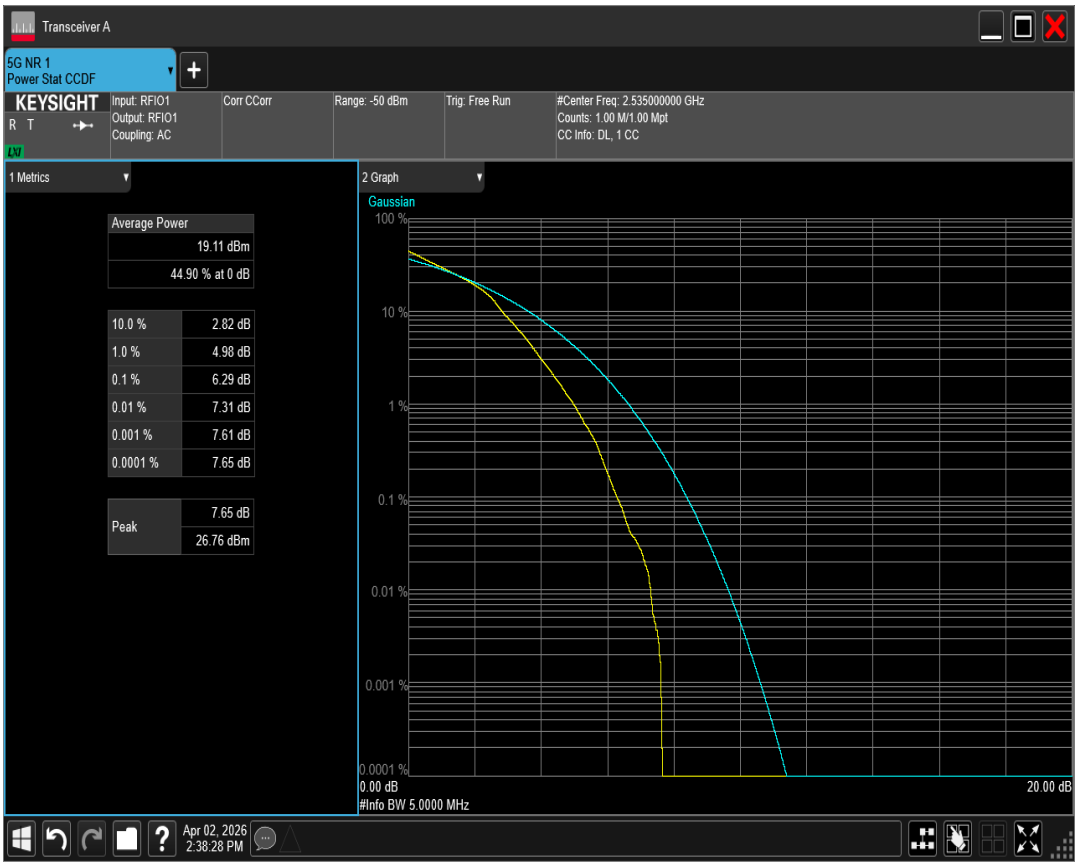
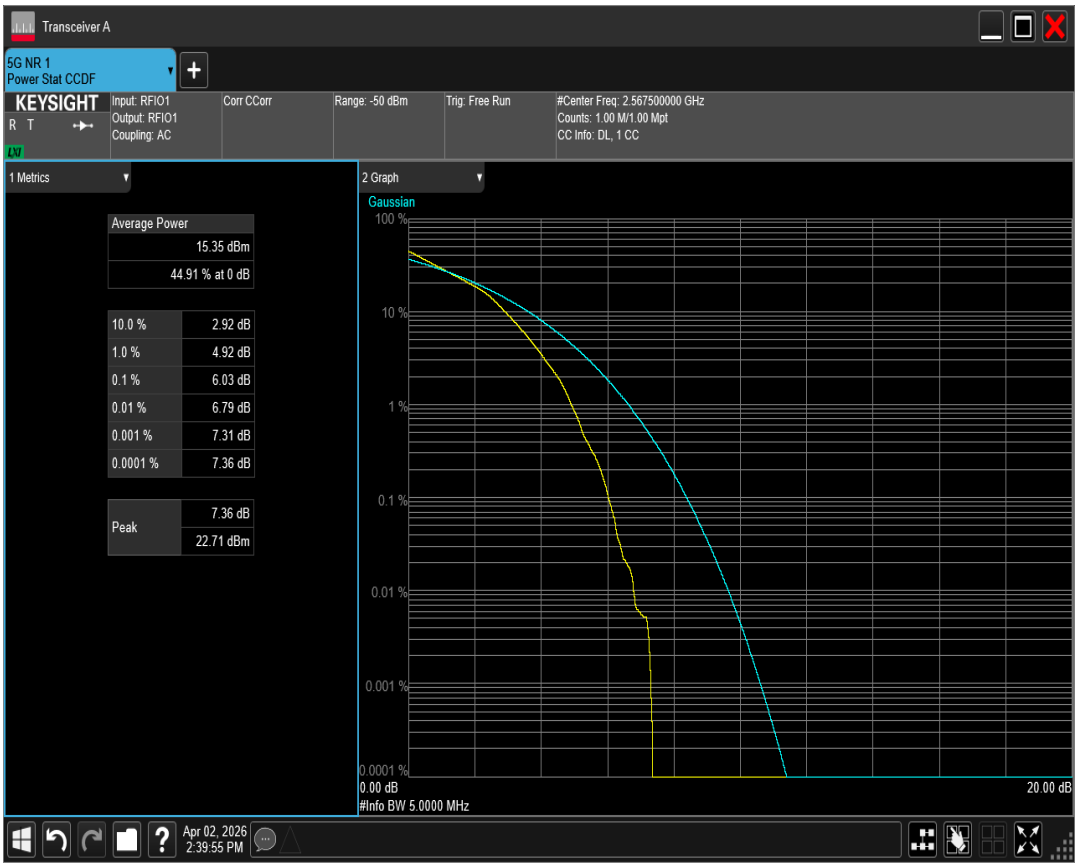


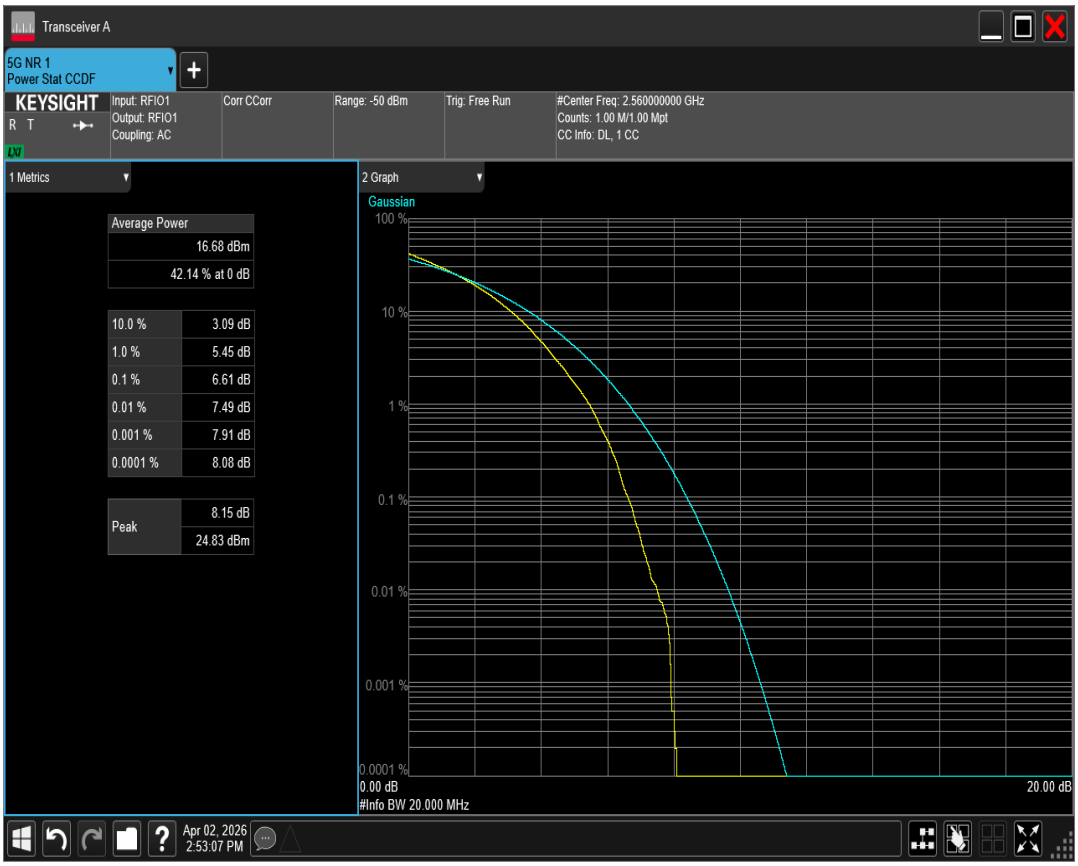
n7 SCS=15kHz DFT_QAM16 BW=5MHz Channel=507000 RB=25@0



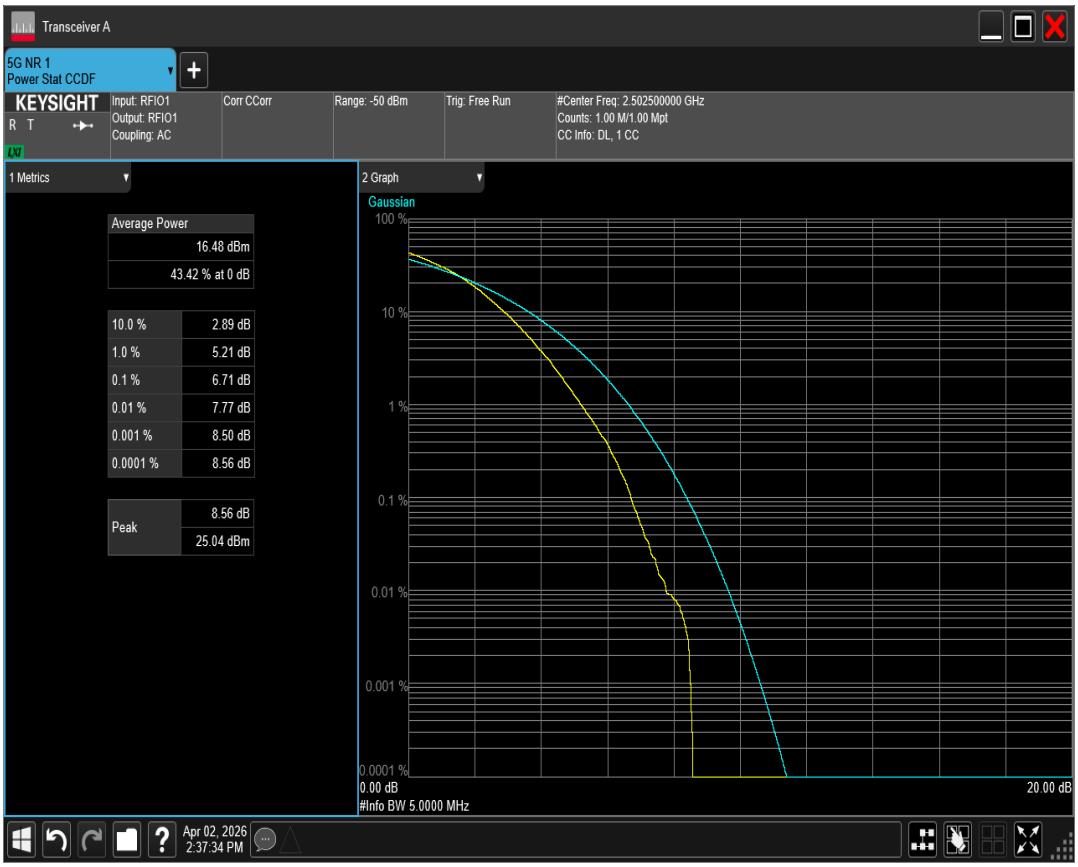
n7 SCS=15kHz DFT_QAM16 BW=5MHz Channel=513500 RB=25@0



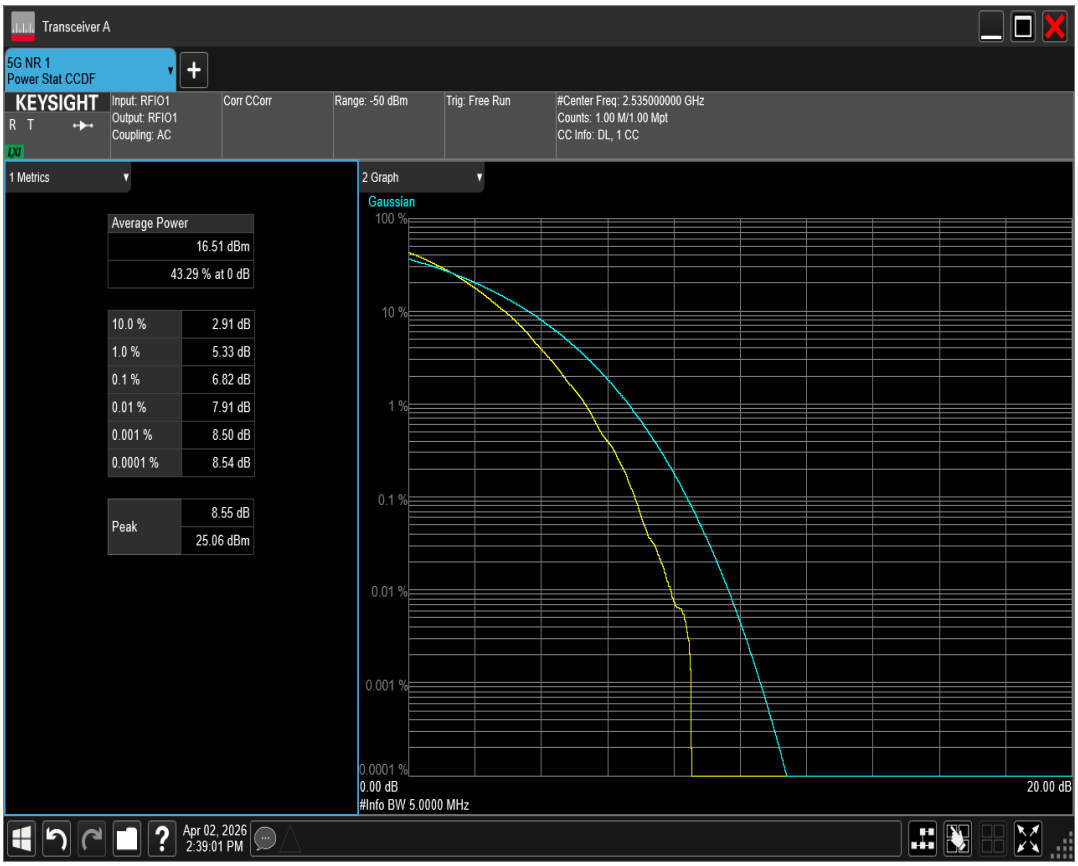
n7 SCS=15kHz DFT_QAM256 BW=20MHz Channel=512000 RB=100@0



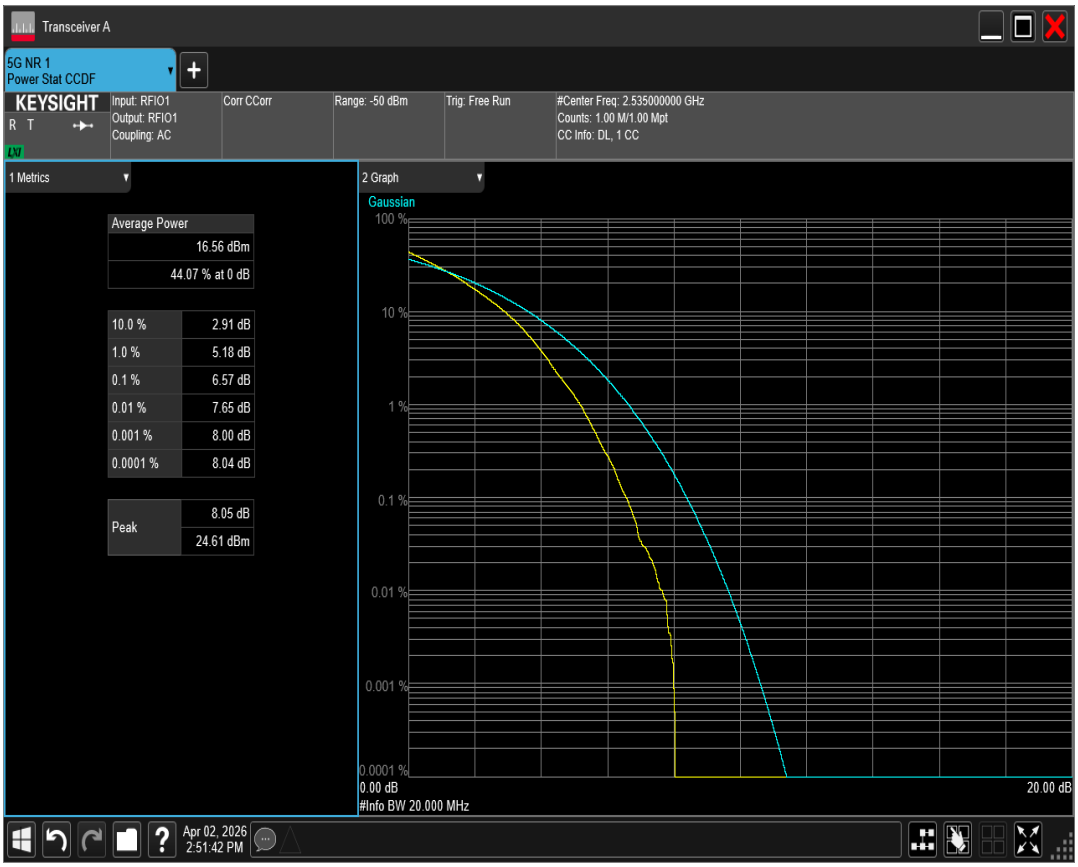
n7 SCS=15kHz DFT_QAM256 BW=5MHz Channel=500500 RB=25@0



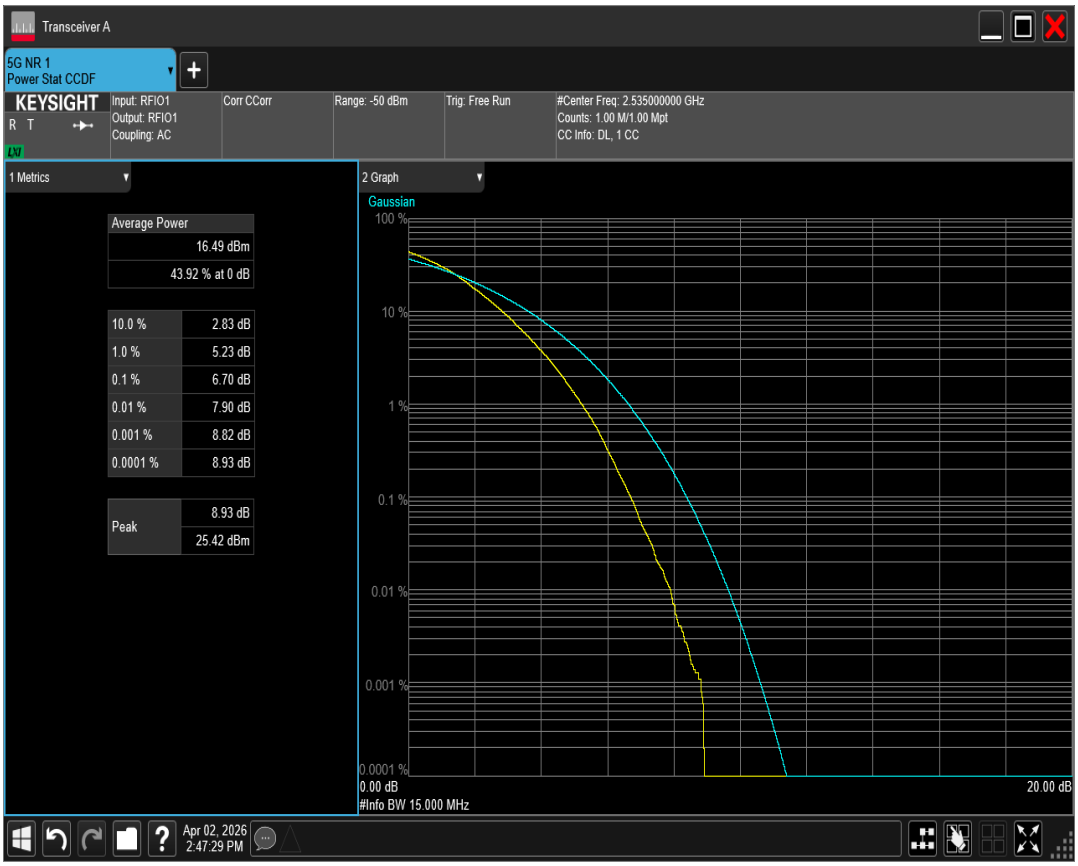
n7 SCS=15kHz DFT_QAM256 BW=5MHz Channel=507000 RB=25@0



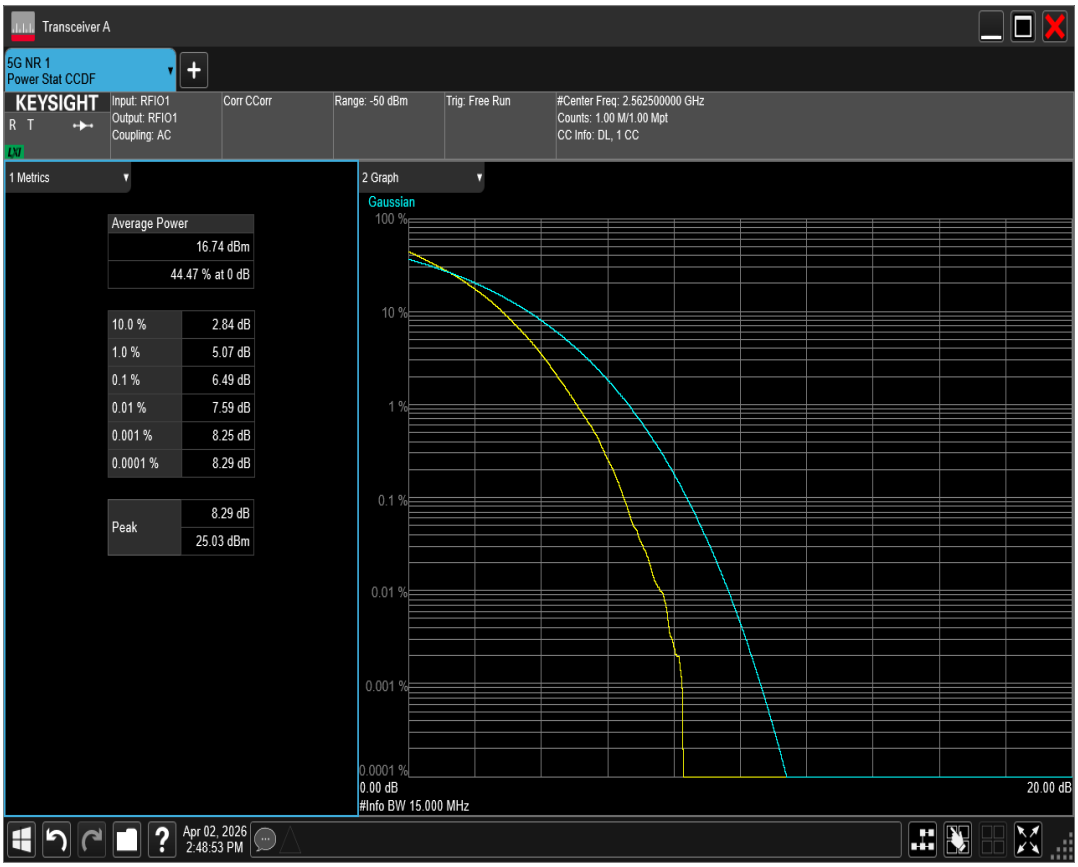
n7 SCS=15kHz DFT_QAM256 BW=20MHz Channel=507000 RB=100@0



n7 SCS=15kHz DFT_QAM256 BW=15MHz Channel=507000 RB=75@0



n7 SCS=15kHz DFT_QAM256 BW=15MHz Channel=512500 RB=75@0



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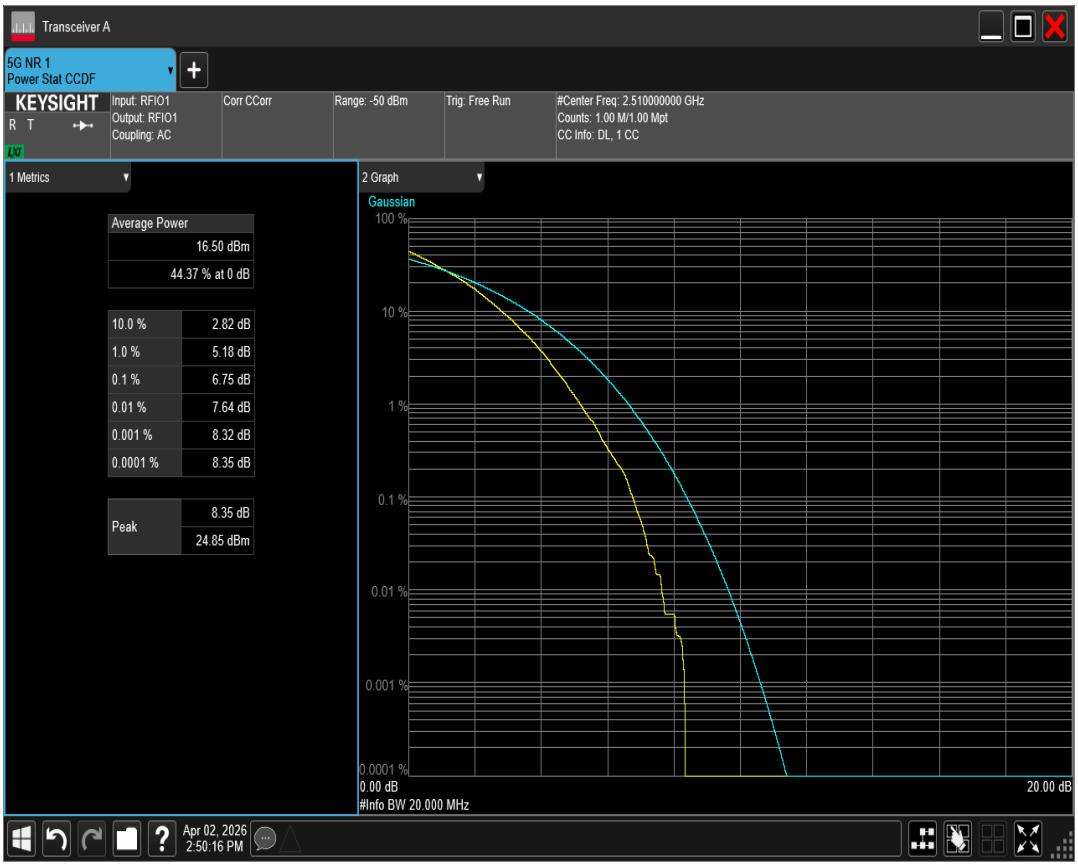

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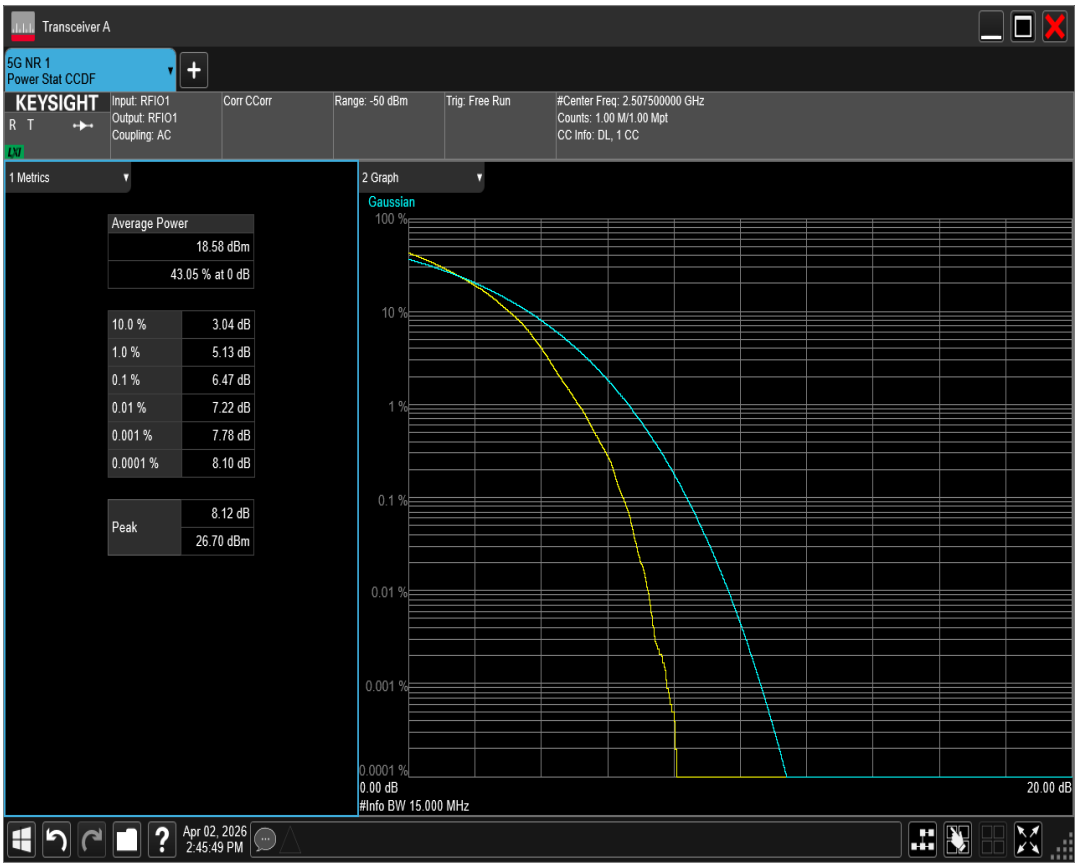

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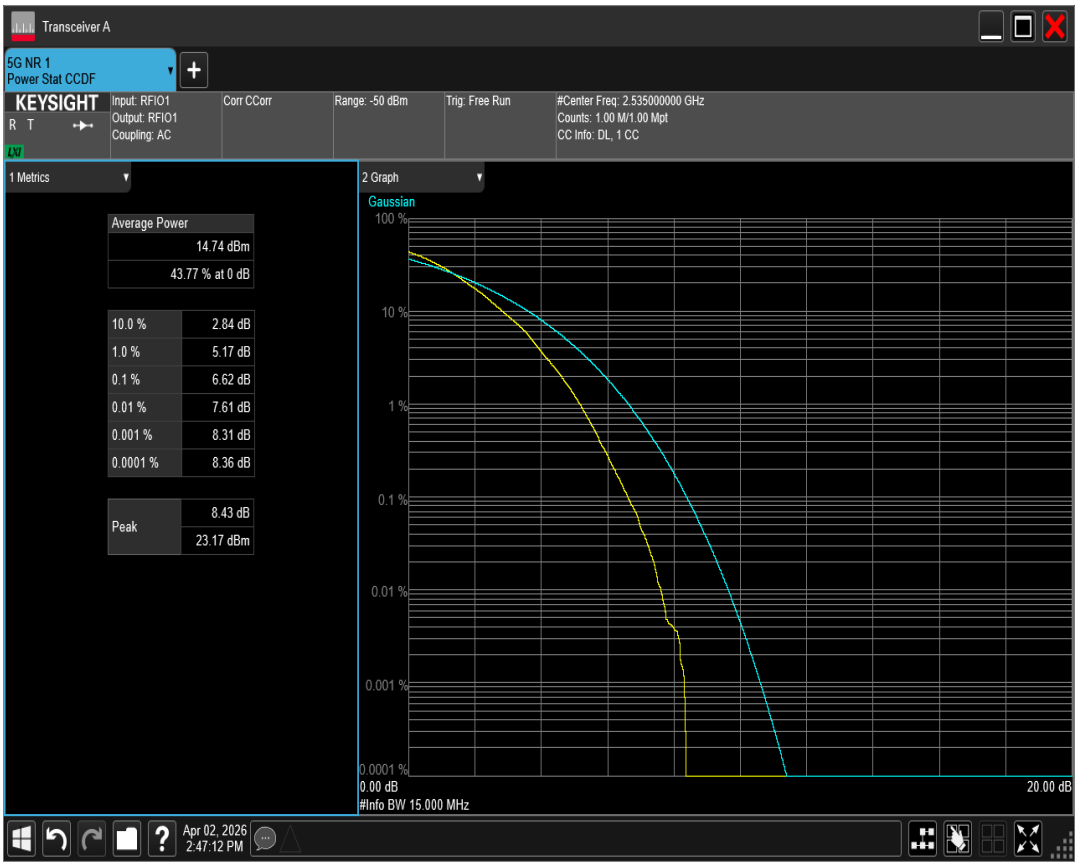
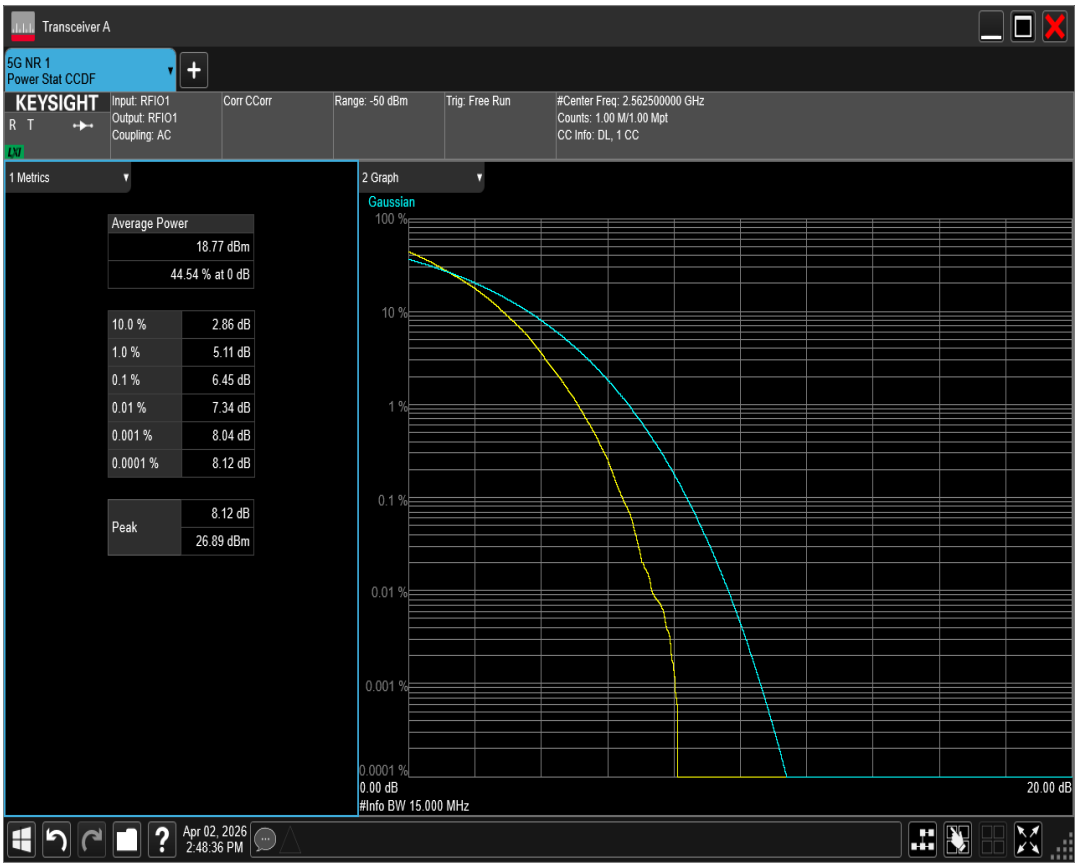
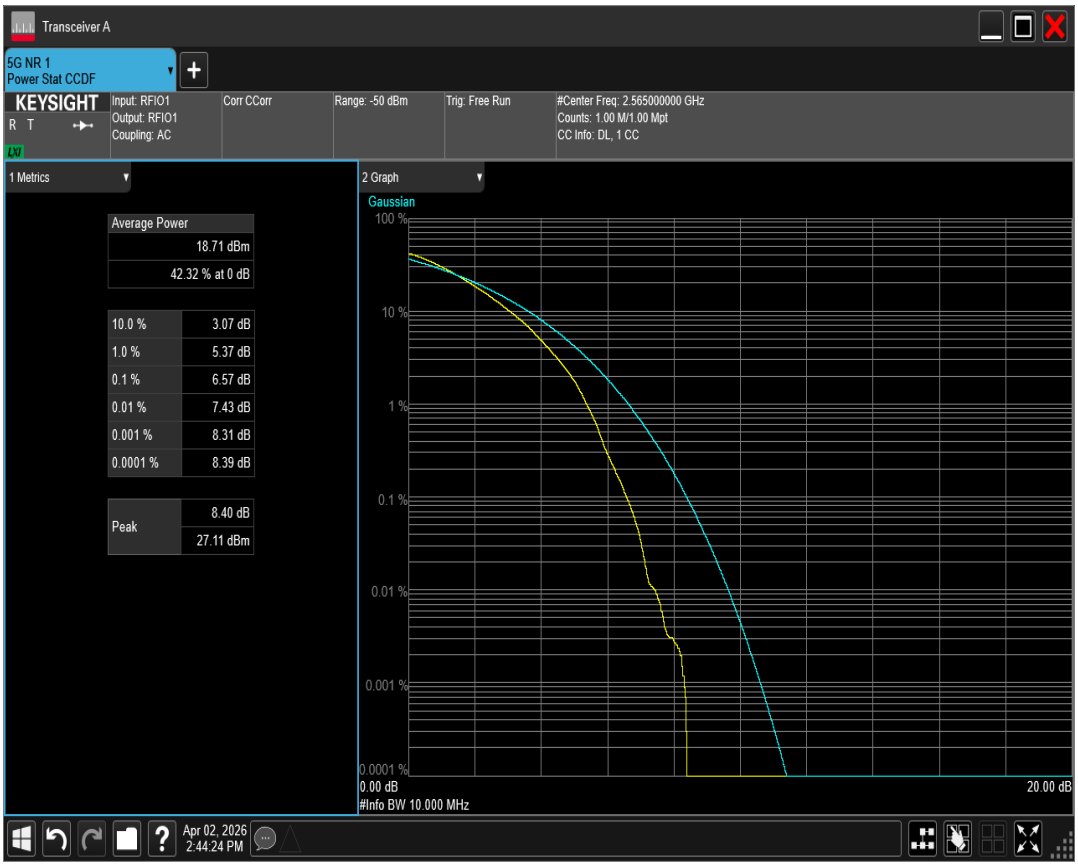


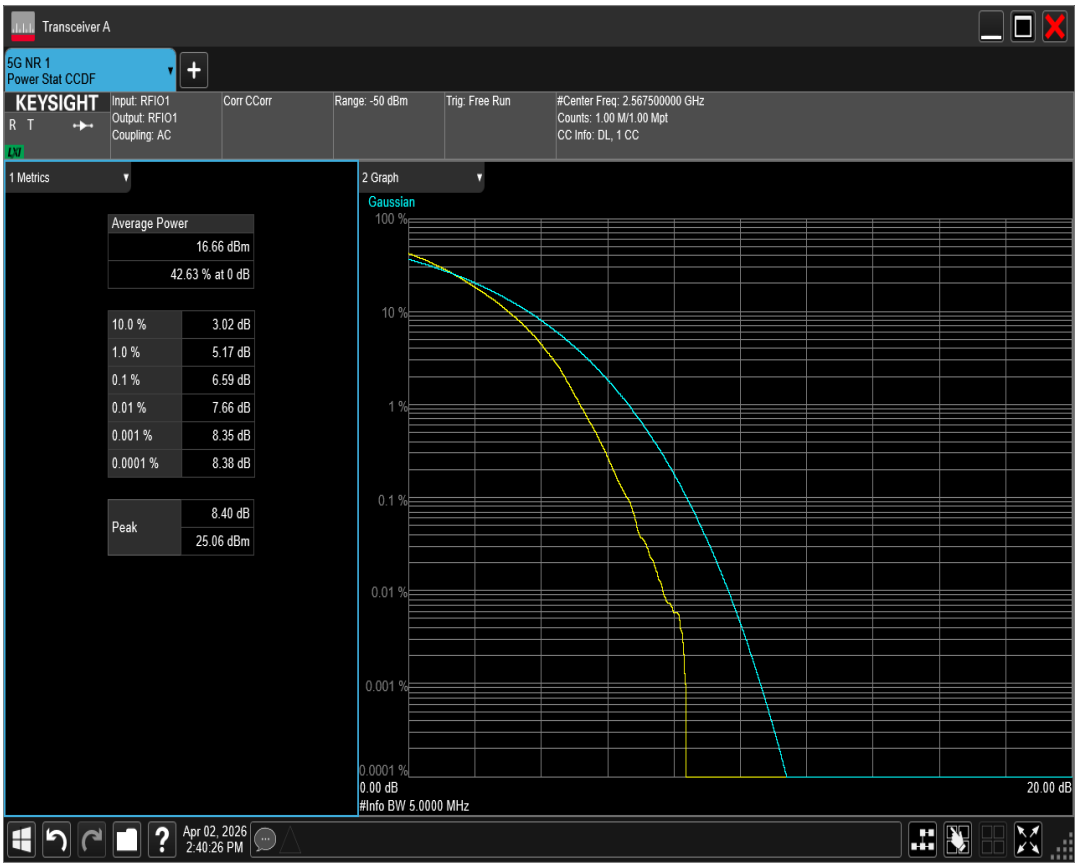
n7 SCS=15kHz DFT_QAM64 BW=15MHz Channel=512500 RB=75@0



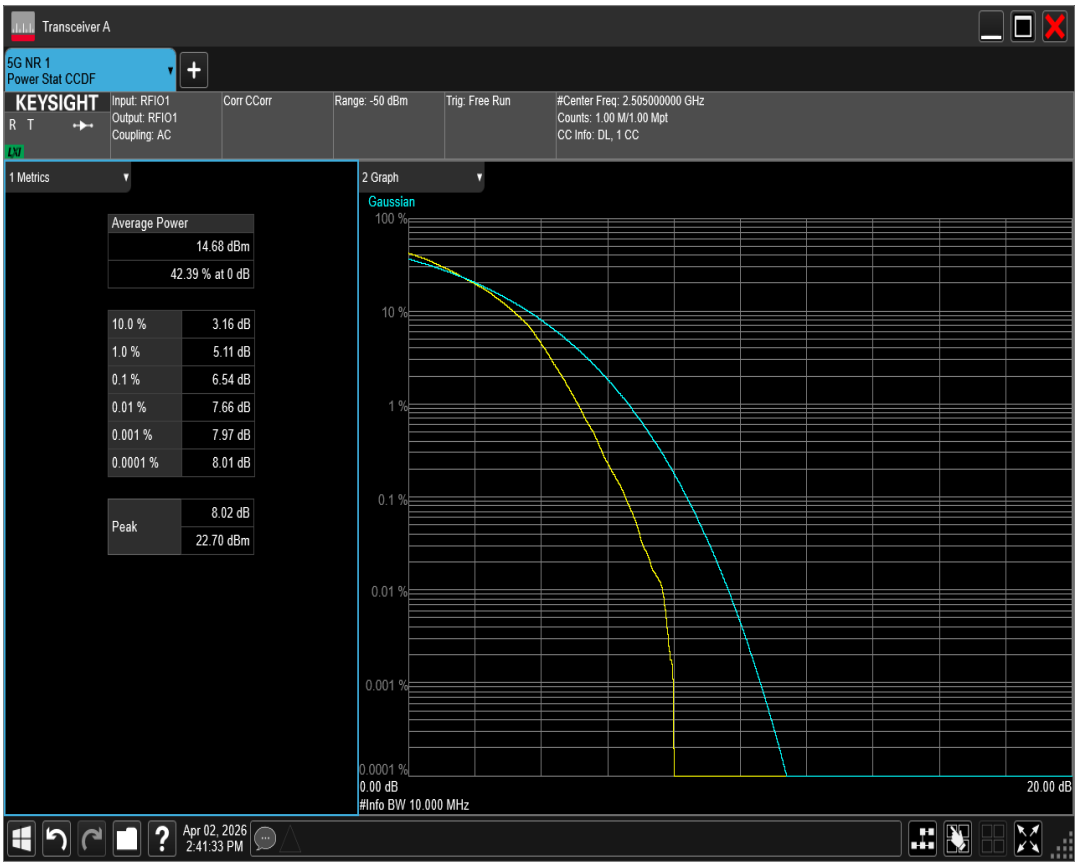
n7 SCS=15kHz DFT_QAM64 BW=10MHz Channel=513000 RB=50@0



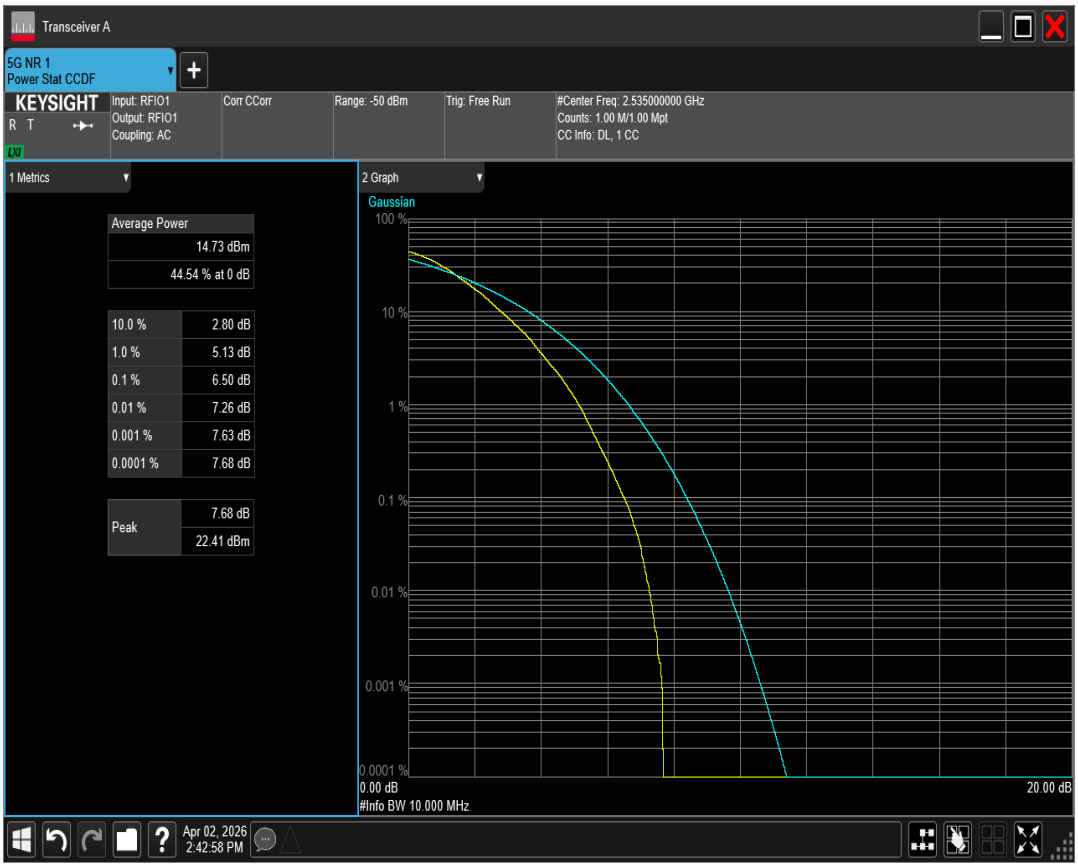
n7 SCS=15kHz DFT_QAM256 BW=5MHz Channel=513500 RB=25@0



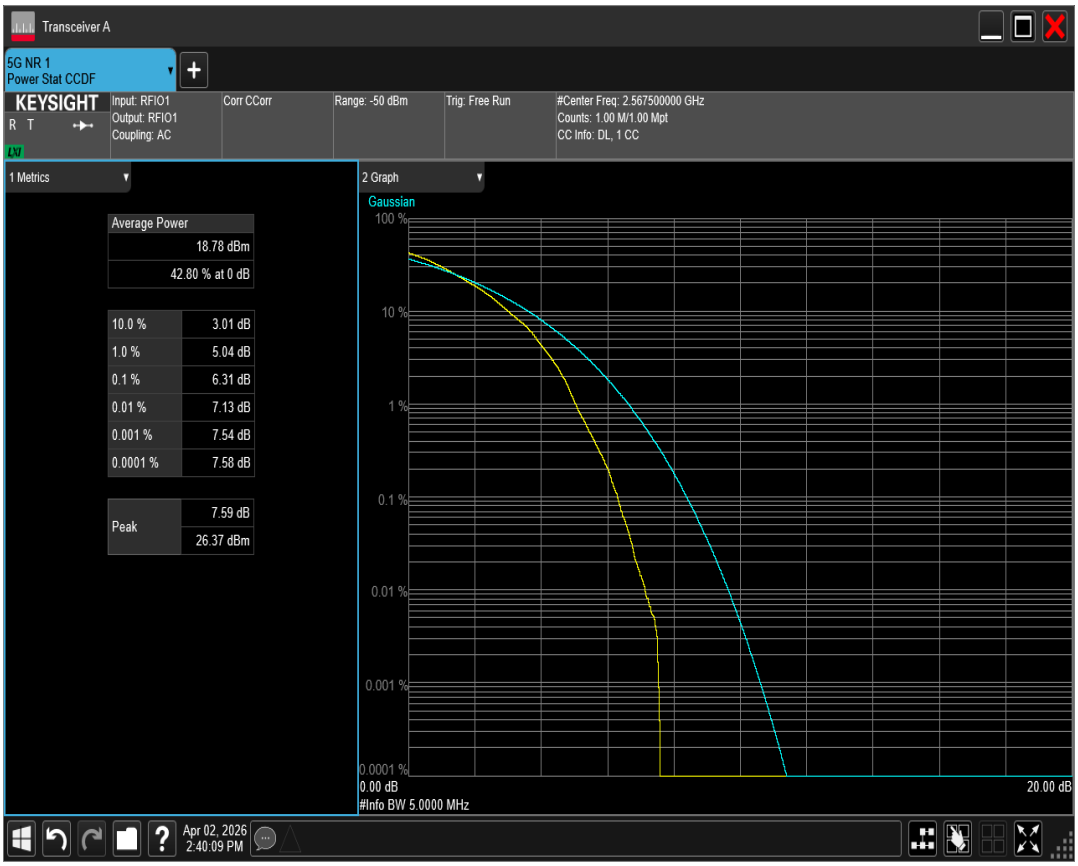
n7 SCS=15kHz DFT_QAM64 BW=10MHz Channel=501000 RB=50@0



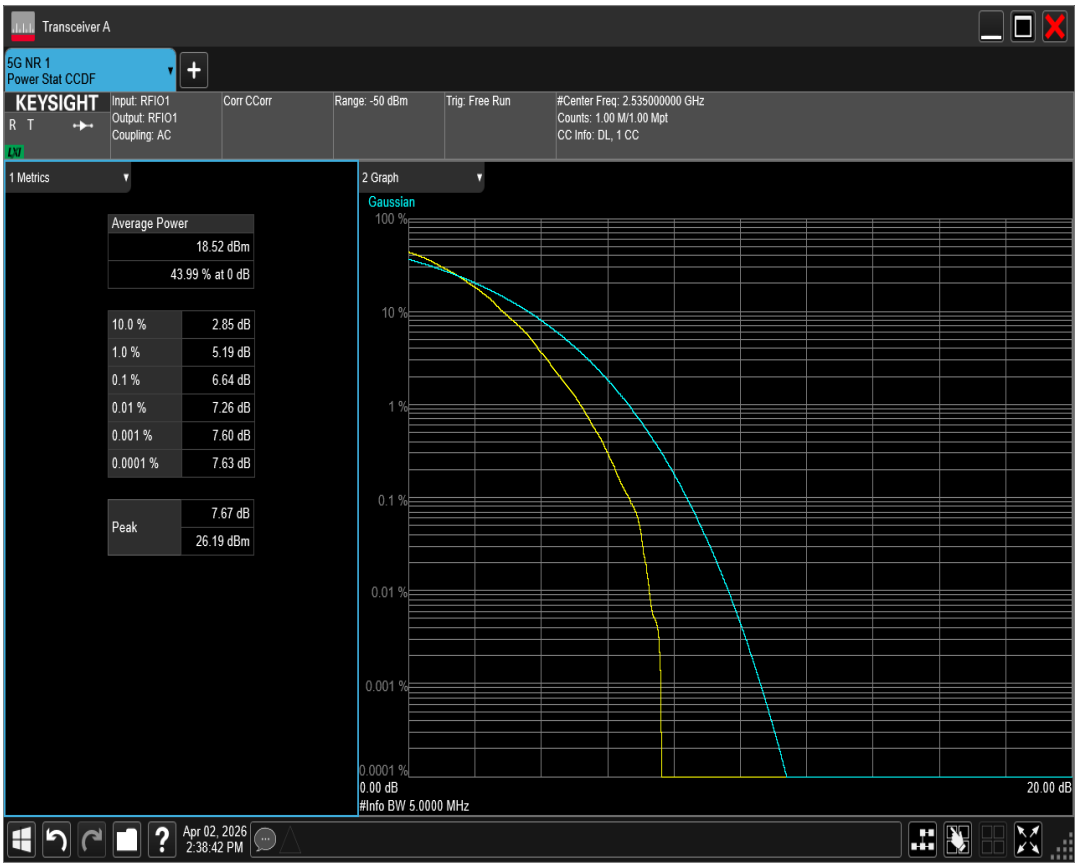
n7 SCS=15kHz DFT_QAM64 BW=10MHz Channel=507000 RB=50@0



n7 SCS=15kHz DFT_QAM64 BW=5MHz Channel=513500 RB=25@0



n7 SCS=15kHz DFT_QAM64 BW=5MHz Channel=507000 RB=25@0



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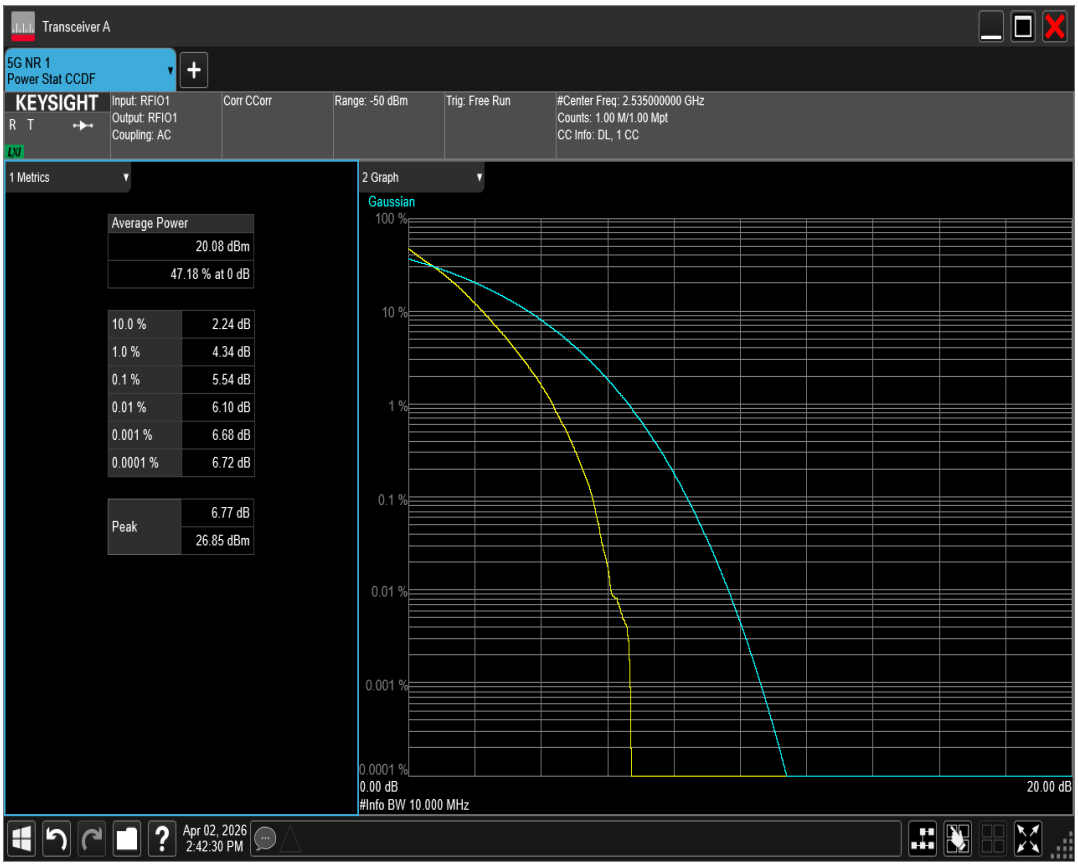
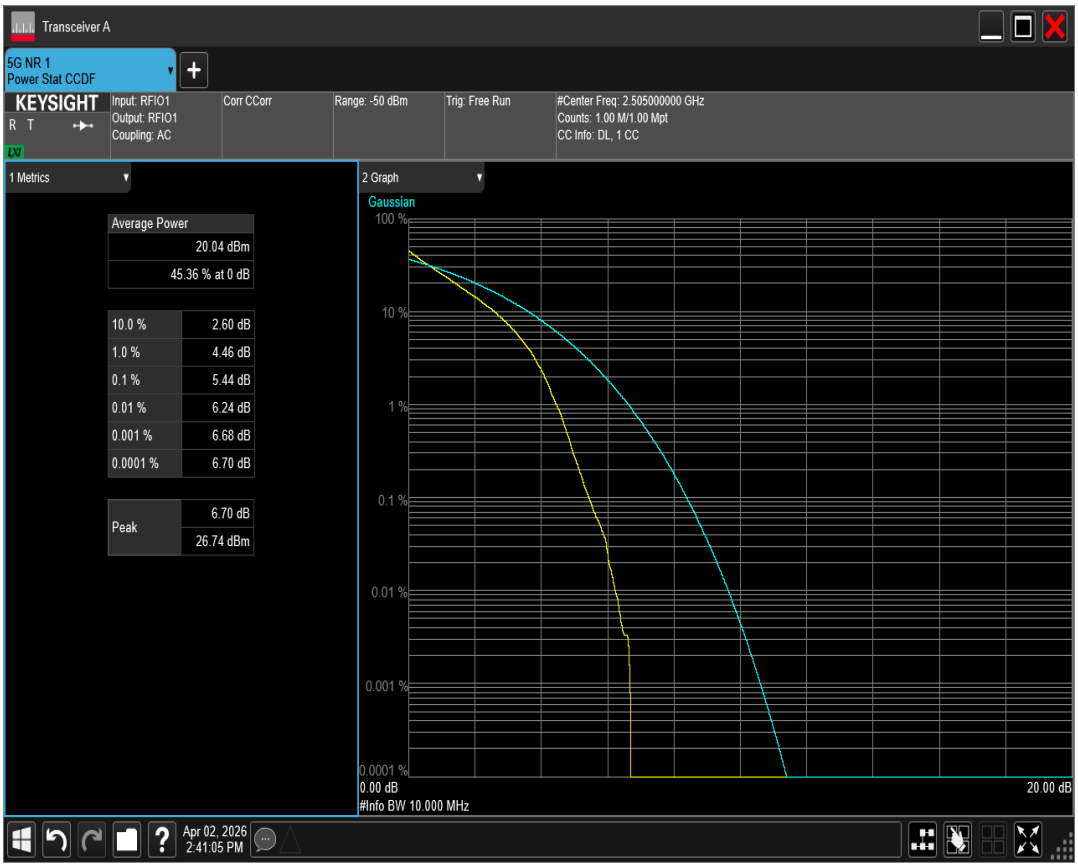
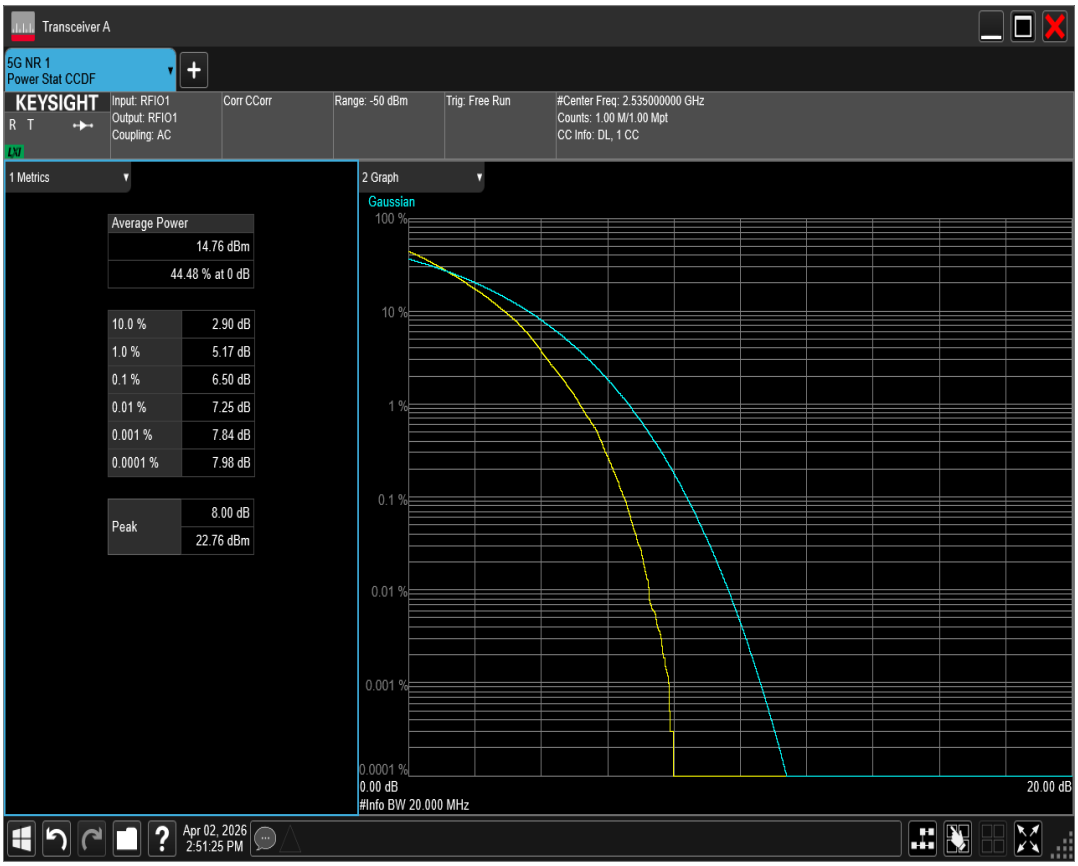


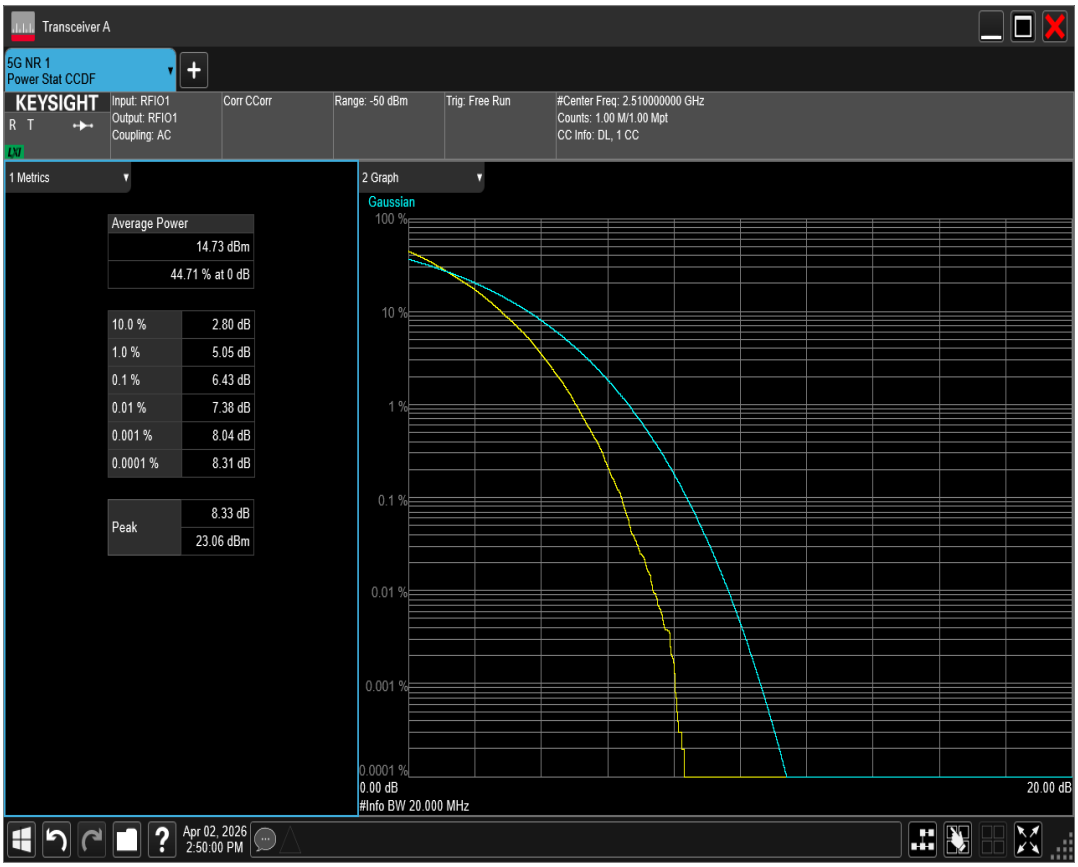
n7 SCS=15kHz DFT_QPSK BW=10MHz Channel=501000 RB=50@0



n7 SCS=15kHz DFT_QAM64 BW=20MHz Channel=507000 RB=100@0



n7 SCS=15kHz DFT_QAM64 BW=20MHz Channel=502000 RB=100@0



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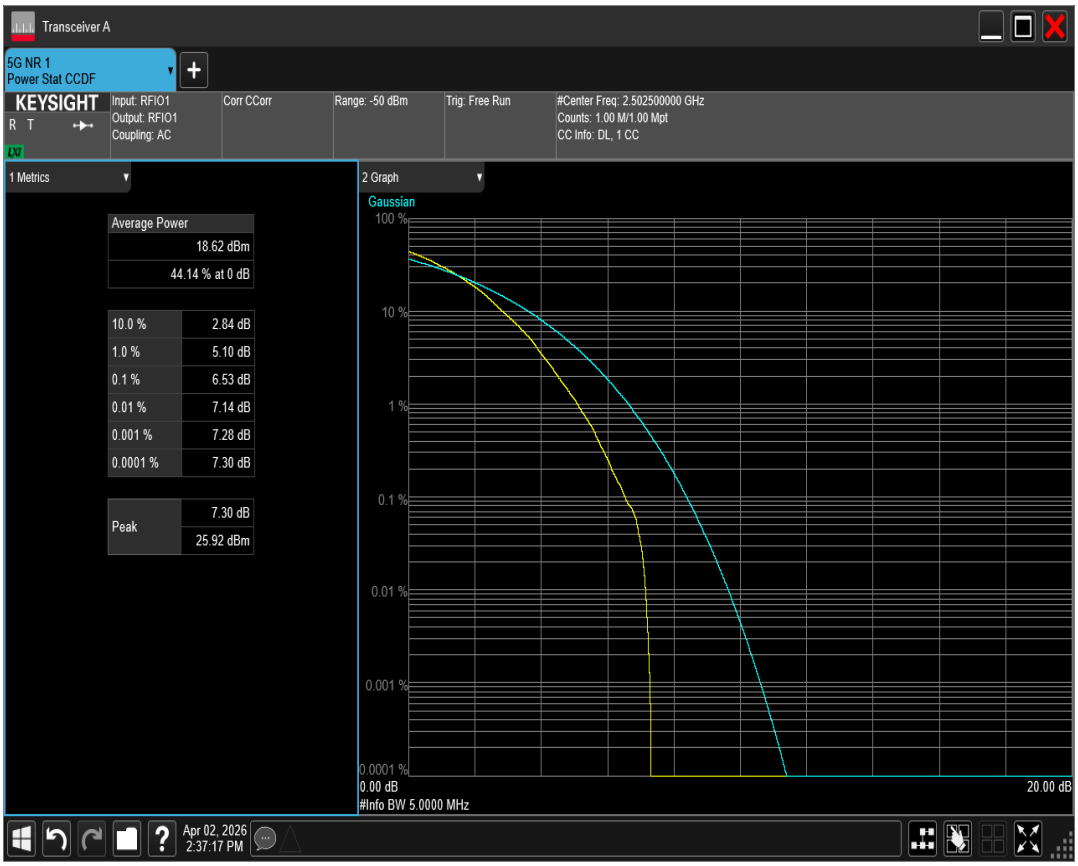
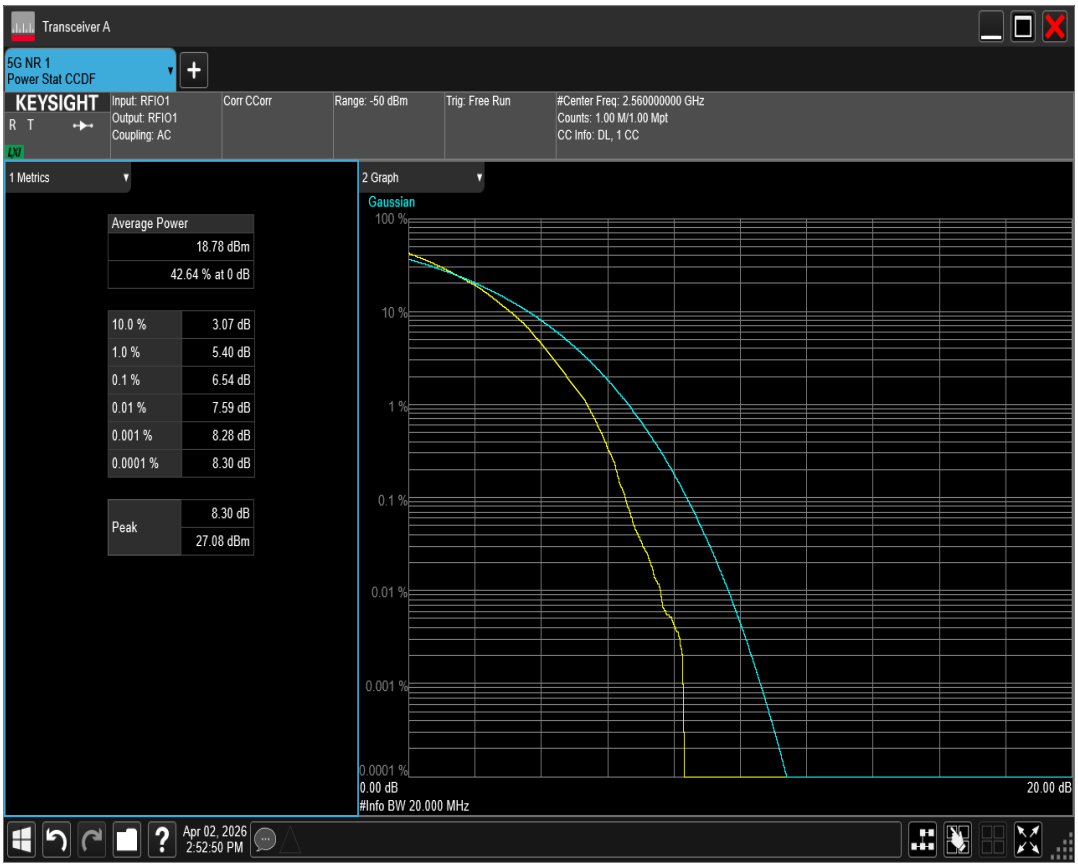
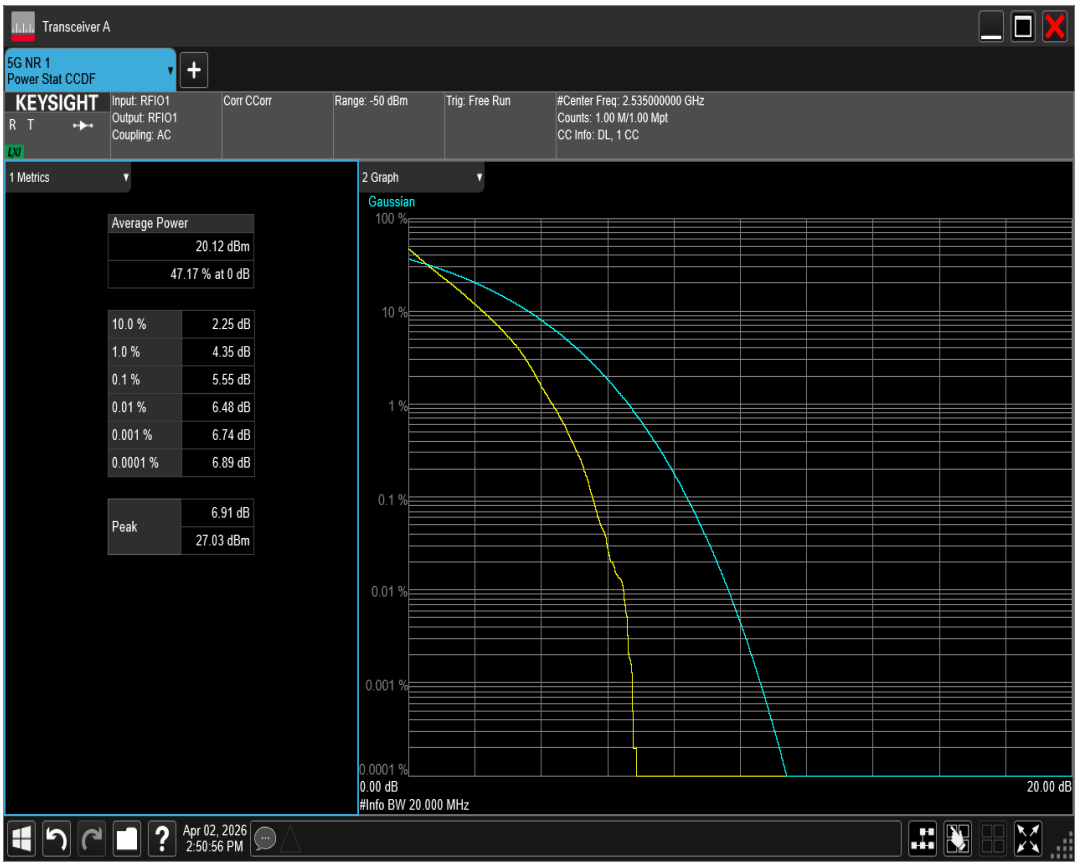


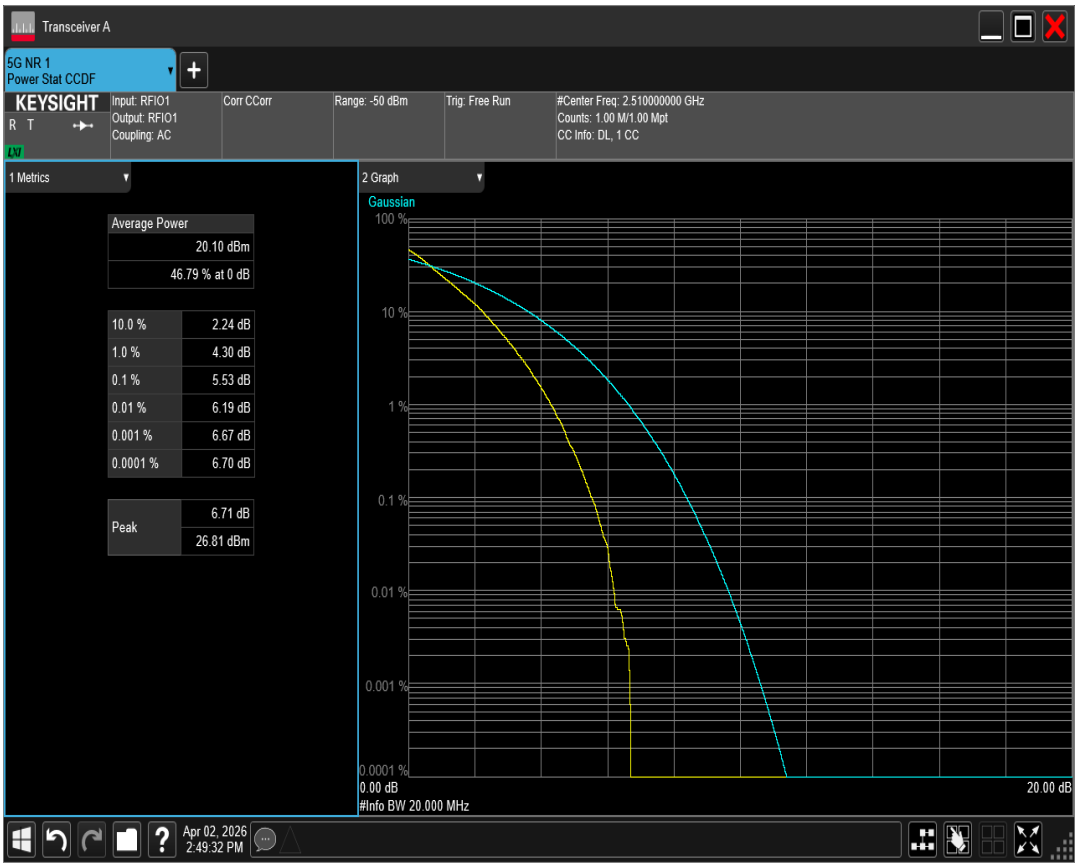
n7 SCS=15kHz DFT_QAM64 BW=20MHz Channel=512000 RB=100@0



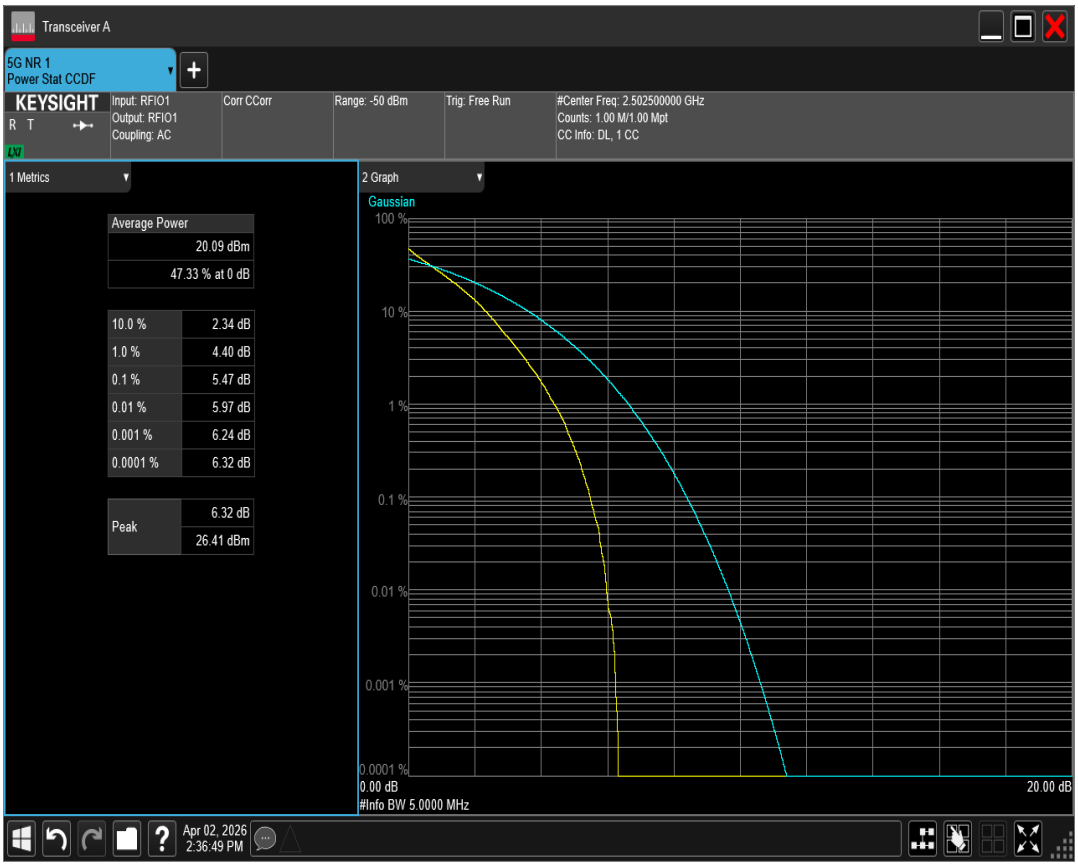
n7 SCS=15kHz DFT_QPSK BW=20MHz Channel=507000 RB=100@0



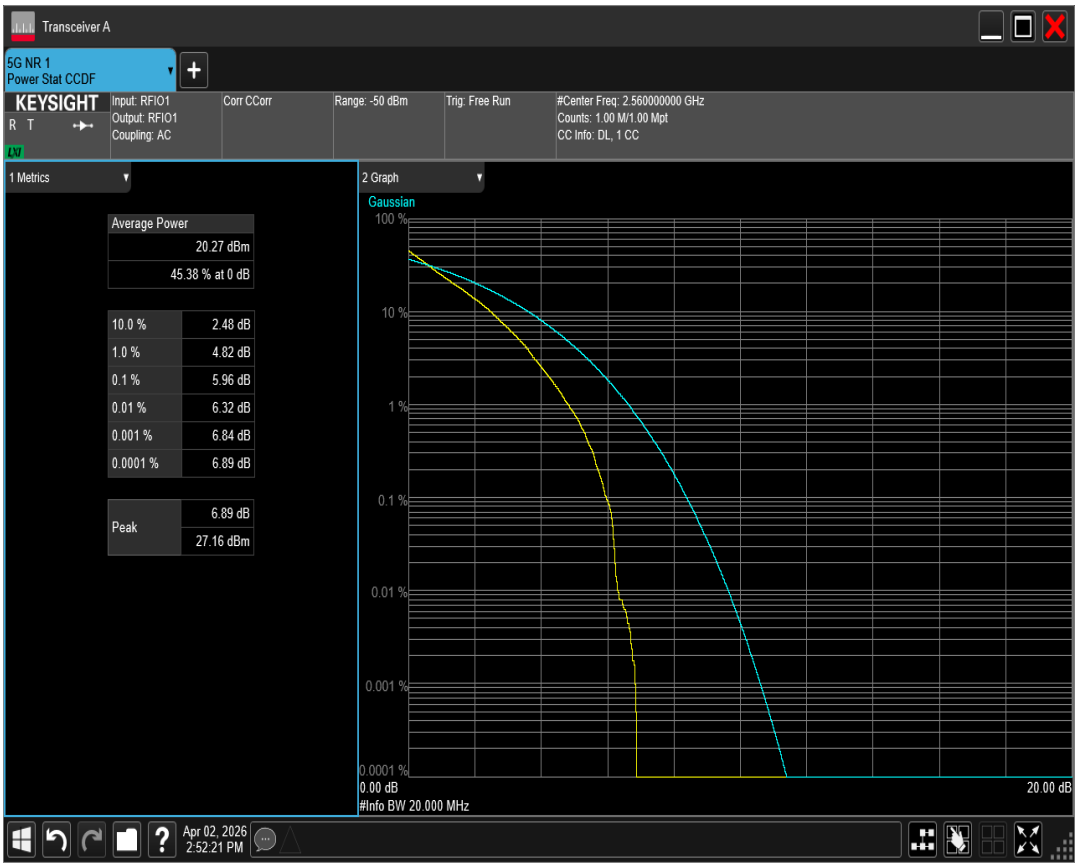
n7 SCS=15kHz DFT_QPSK BW=20MHz Channel=502000 RB=100@0



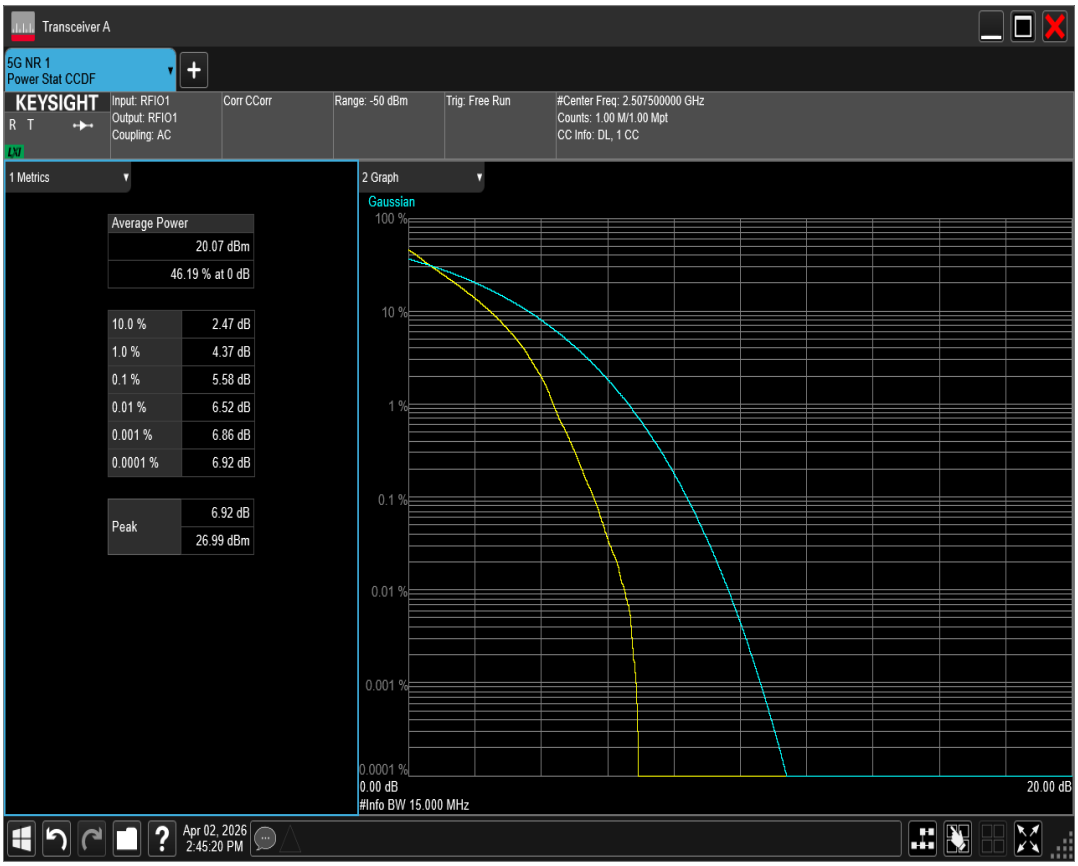
n7 SCS=15kHz DFT_QPSK BW=5MHz Channel=500500 RB=25@0



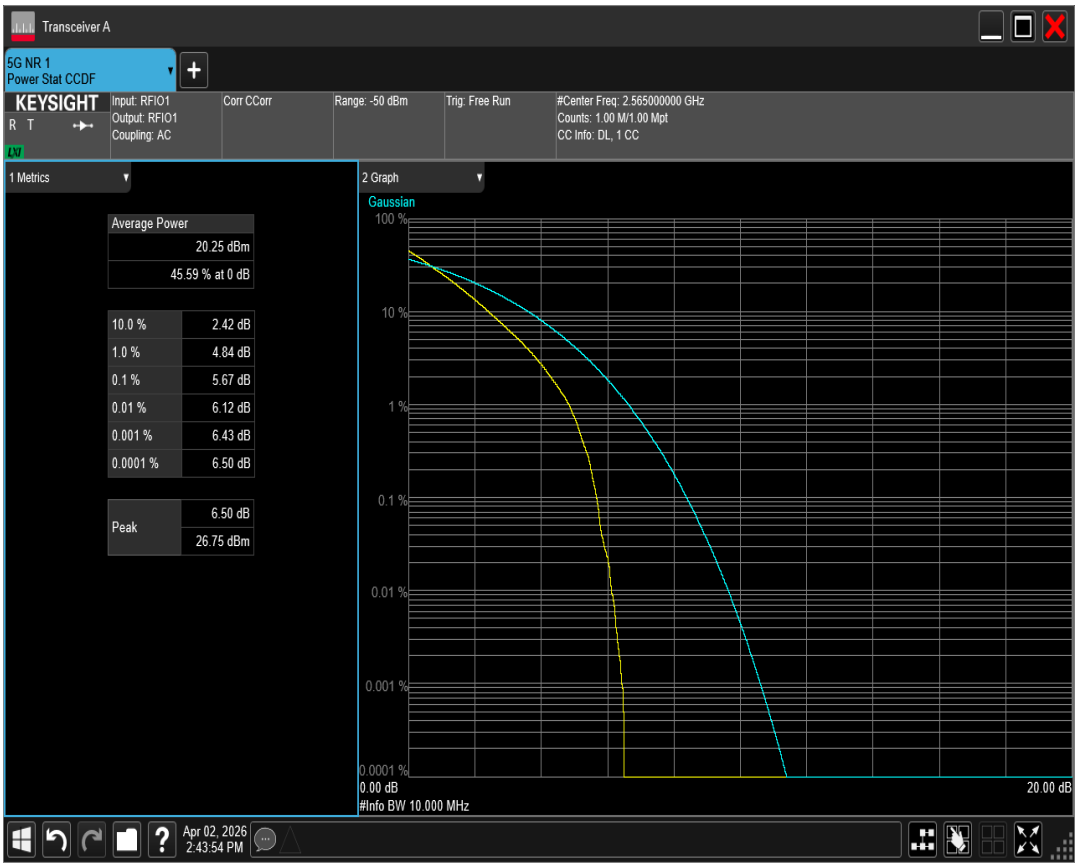
n7 SCS=15kHz DFT_QPSK BW=20MHz Channel=512000 RB=100@0



n7 SCS=15kHz DFT_QPSK BW=15MHz Channel=501500 RB=75@0



n7 SCS=15kHz DFT_QPSK BW=10MHz Channel=513000 RB=50@0



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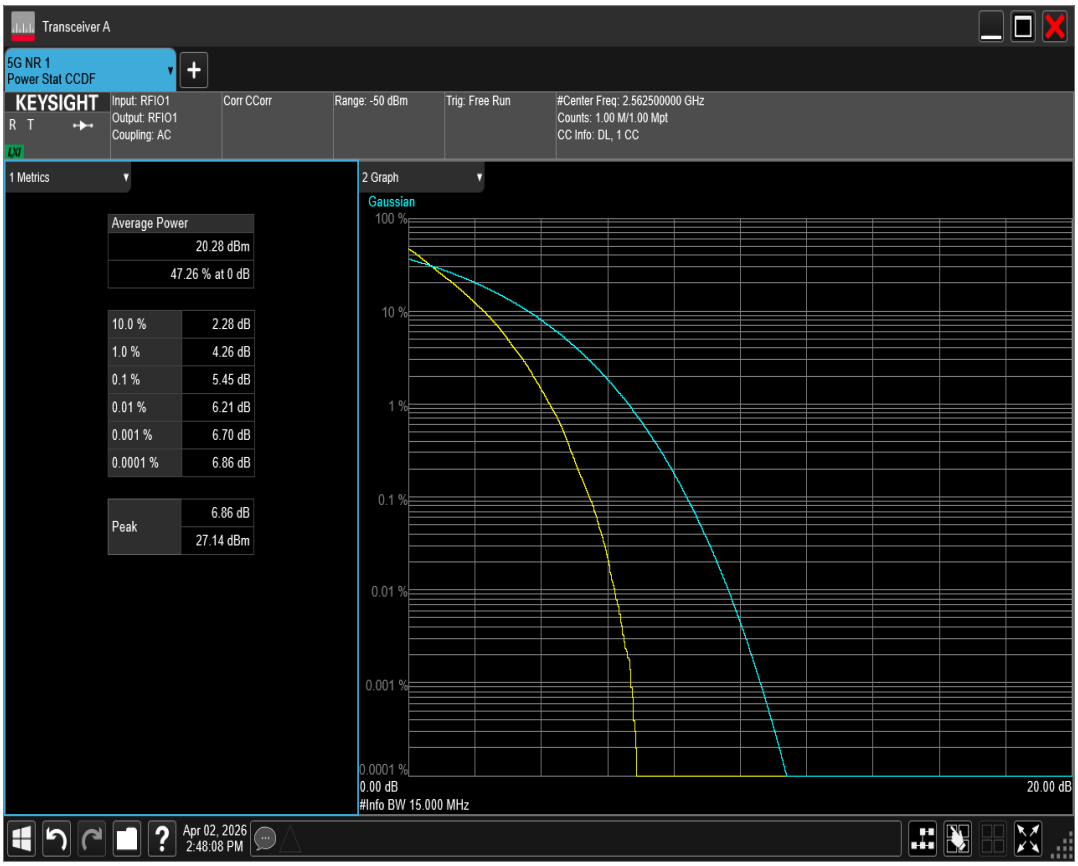
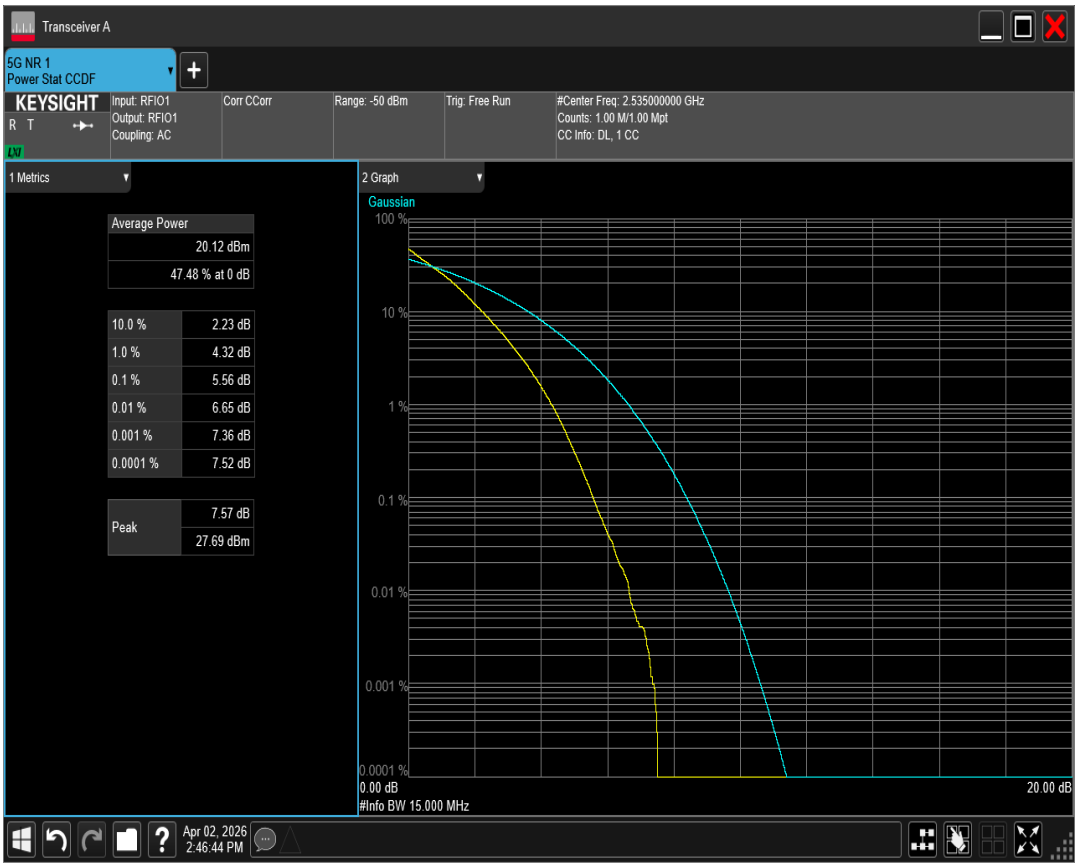
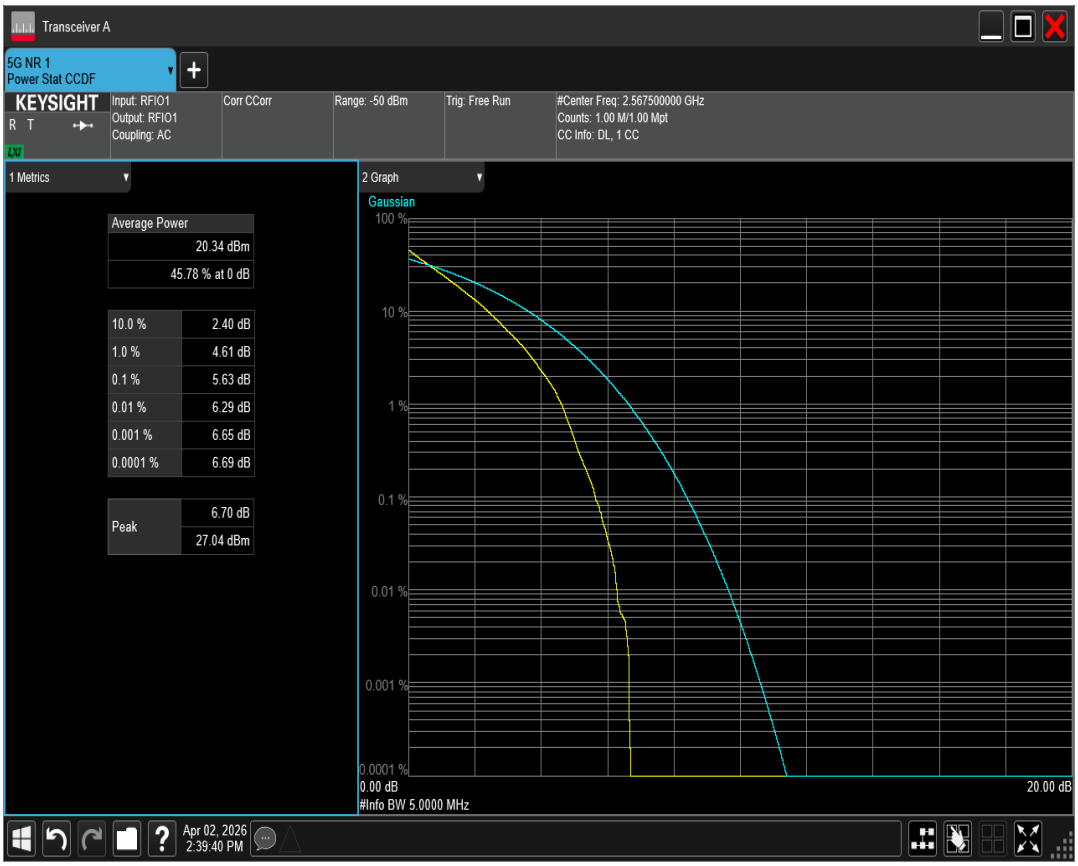


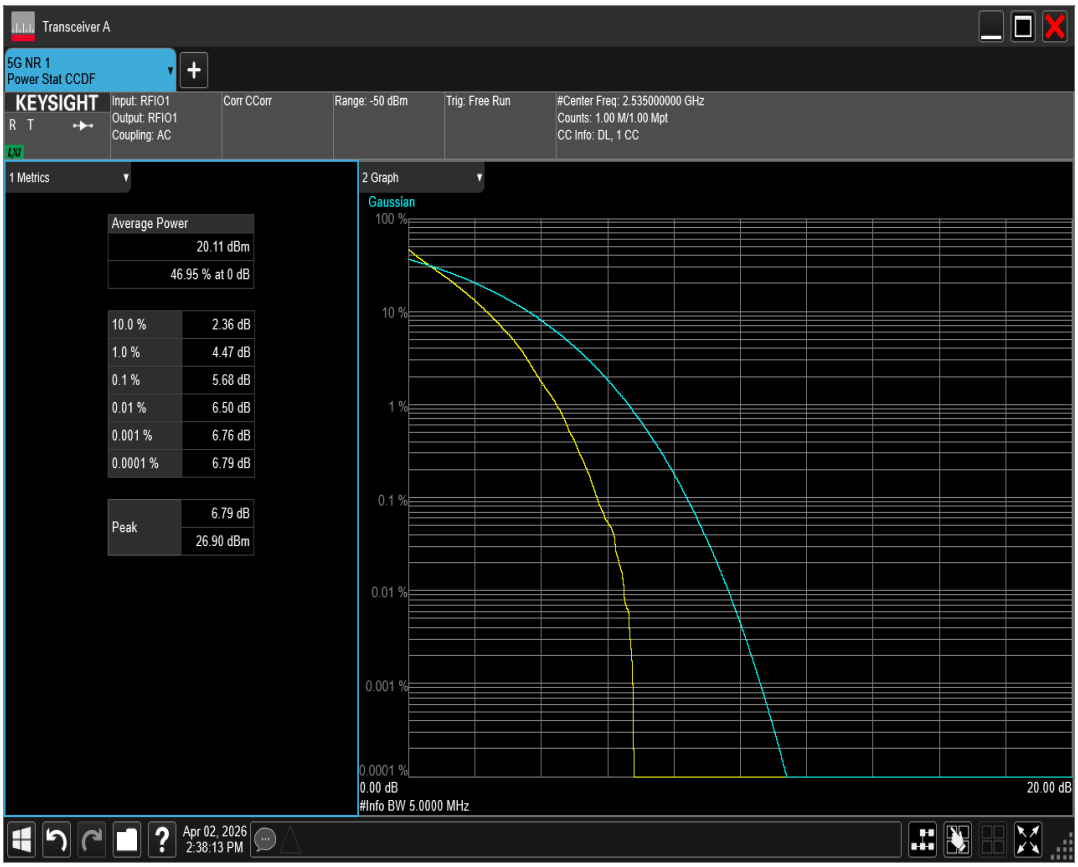
n7 SCS=15kHz DFT_QPSK BW=15MHz Channel=507000 RB=75@0



n7 SCS=15kHz DFT_QPSK BW=5MHz Channel=513500 RB=25@0



n7 SCS=15kHz DFT_QPSK BW=5MHz Channel=507000 RB=25@0


Transceiver A
5G NR 1
Power Stat CCDF
KEYSIGHT
Input: RFIO1
Output: RFIO1
Coupling: AC
Corr CCorr
Range: -50 dBm
Trig: Free Run
#Center Freq: 2.535000000 GHz
Counts: 1.00 M/1.00 Mpt
CC Info: DL, 1 CC
1 Metrics
Average Power
20.11 dBm
46.95 % at 0 dB
10.0 % 2.36 dB
1.0 % 4.47 dB
0.1 % 5.68 dB
0.01 % 6.50 dB
0.001 % 6.76 dB
0.0001 % 6.79 dB
Peak 6.79 dB
26.90 dBm
2 Graph
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0.00 dB
20.00 dB
#Info BW 5.0000 MHz
Apr 02, 2026
2:38:13 PM

4 Occupied bandwidth for EN-DC

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n7	15	5	507000	25@0	DFT_BPSK	4.460	4.670	PASS
n7	15	5	507000	25@0	DFT_QPSK	4.460	4.640	PASS
n7	15	5	507000	25@0	DFT_QAM16	4.440	4.670	PASS
n7	15	5	507000	25@0	DFT_QAM64	4.460	4.630	PASS
n7	15	5	507000	25@0	DFT_QAM256	4.460	4.620	PASS
n7	15	10	507000	50@0	DFT_BPSK	9.210	9.120	PASS
n7	15	10	507000	50@0	DFT_QPSK	9.180	9.090	PASS
n7	15	10	507000	50@0	DFT_QAM16	9.190	9.120	PASS
n7	15	10	507000	50@0	DFT_QAM64	9.190	9.120	PASS
n7	15	10	507000	50@0	DFT_QAM256	9.180	9.100	PASS
n7	15	15	507000	75@0	DFT_BPSK	13.990	13.710	PASS
n7	15	15	507000	75@0	DFT_QPSK	14.000	13.670	PASS
n7	15	15	507000	75@0	DFT_QAM16	13.960	13.710	PASS
n7	15	15	507000	75@0	DFT_QAM64	13.950	13.590	PASS
n7	15	15	507000	75@0	DFT_QAM256	13.960	13.630	PASS
n7	15	20	507000	100@0	DFT_BPSK	18.750	18.210	PASS
n7	15	20	507000	100@0	DFT_QPSK	18.730	18.140	PASS
n7	15	20	507000	100@0	DFT_QAM16	18.680	18.180	PASS
n7	15	20	507000	100@0	DFT_QAM64	18.720	18.120	PASS
n7	15	20	507000	100@0	DFT_QAM256	18.720	18.150	PASS

n7 SCS=15kHz DFT_BPSK BW=15MHz Channel=507000 RB=75@0

n7 SCS=15kHz DFT_BPSK BW=10MHz Channel=507000 RB=50@0

n7 SCS=15kHz DFT_QAM16 BW=10MHz Channel=507000 RB=50@0

n7 SCS=15kHz DFT_BPSK BW=5MHz Channel=507000 RB=25@0

n7 SCS=15kHz DFT_BPSK BW=20MHz Channel=507000 RB=100@0

n7 SCS=15kHz DFT_QAM16 BW=5MHz Channel=507000 RB=25@0

n7 SCS=15kHz DFT_QAM256 BW=10MHz Channel=507000 RB=50@0

n7 SCS=15kHz DFT_QAM16 BW=15MHz Channel=507000 RB=75@0

n7 SCS=15kHz DFT_QAM16 BW=20MHz Channel=507000 RB=100@0

n7 SCS=15kHz DFT_QAM256 BW=5MHz Channel=507000 RB=25@0

n7 SCS=15kHz DFT_QAM256 BW=20MHz Channel=507000 RB=100@0

n7 SCS=15kHz DFT_QAM256 BW=15MHz Channel=507000 RB=75@0

n7 SCS=15kHz DFT_QAM64 BW=20MHz Channel=507000 RB=100@0

n7 SCS=15kHz DFT_QAM64 BW=15MHz Channel=507000 RB=75@0

n7 SCS=15kHz DFT_QAM64 BW=10MHz Channel=507000 RB=50@0

n7 SCS=15kHz DFT_QPSK BW=15MHz Channel=507000 RB=75@0

n7 SCS=15kHz DFT_QPSK BW=20MHz Channel=507000 RB=100@0

n7 SCS=15kHz DFT_QAM64 BW=5MHz Channel=507000 RB=25@0

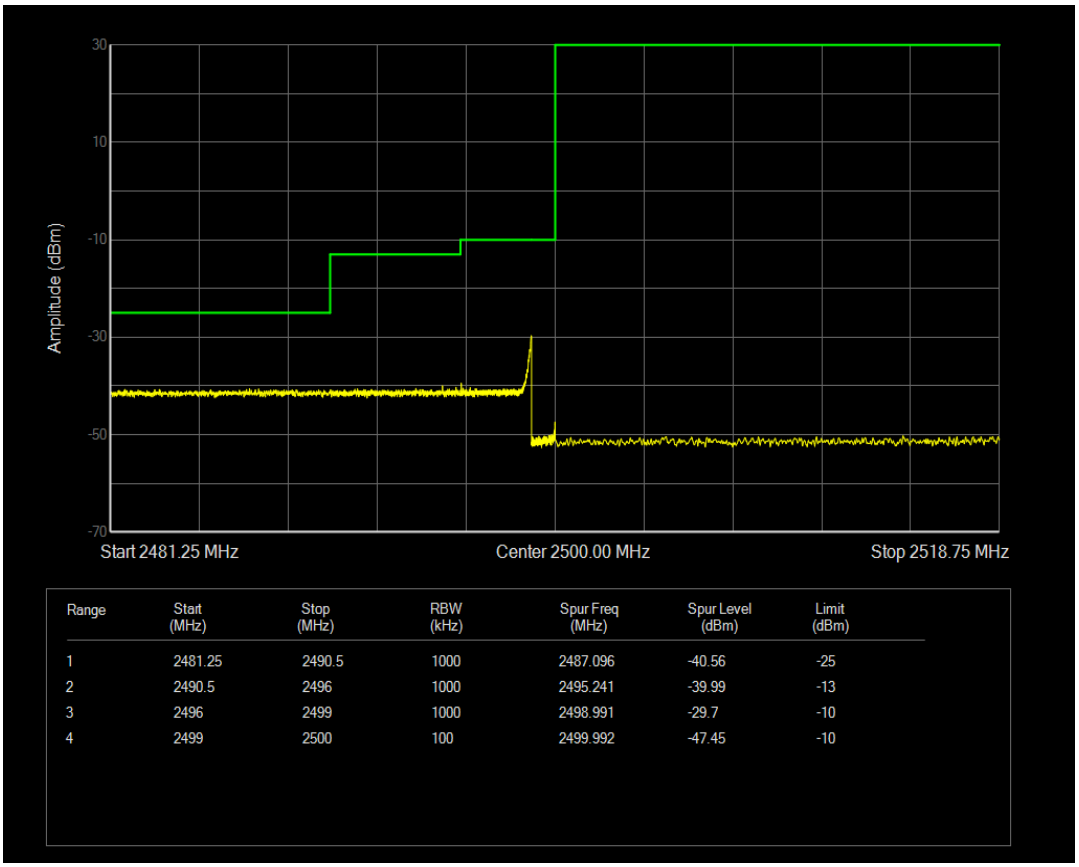
n7 SCS=15kHz DFT_QPSK BW=10MHz Channel=507000 RB=50@0

n7 SCS=15kHz DFT_QPSK BW=5MHz Channel=507000 RB=25@0

5 Band edge for EN-DC

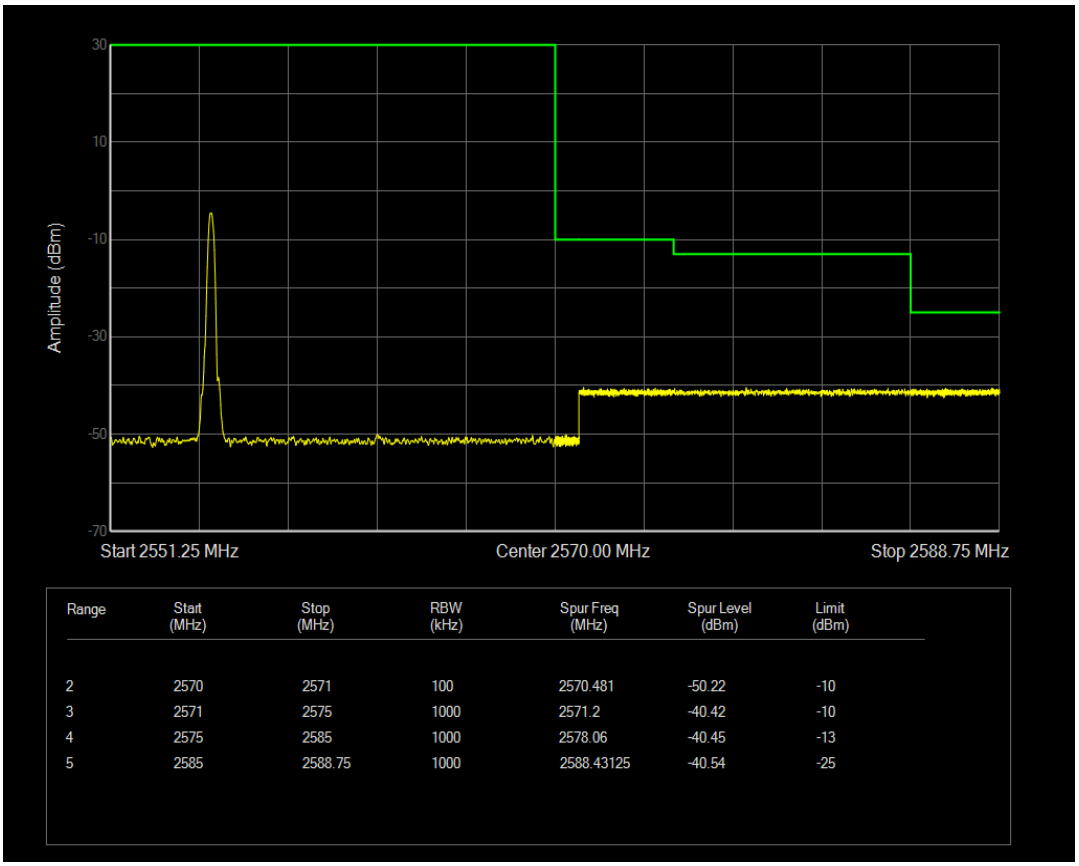
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n7	15	5	500500	25@0	CP_QPSK	2490.38	-40.56	-25	PASS
n7	15	5	500500	1@0	CP_QPSK	2499.00	-24.39	-10	PASS
n7	15	5	500500	1@24	CP_QPSK	2491.40	-40.57	-25	PASS
n7	15	5	513500	25@0	CP_QPSK	2577.11	-40.60	-25	PASS
n7	15	5	513500	1@0	CP_QPSK	2579.12	-40.39	-25	PASS
n7	15	5	513500	1@24	CP_QPSK	2578.68	-40.60	-25	PASS
n7	15	15	501500	79@0	CP_QPSK	2487.56	-40.67	-25	PASS
n7	15	15	501500	1@0	CP_QPSK	2487.10	-40.56	-25	PASS
n7	15	15	501500	1@78	CP_QPSK	2488.91	-40.62	-25	PASS
n7	15	15	512500	79@0	CP_QPSK	2586.47	-40.55	-25	PASS
n7	15	15	512500	1@0	CP_QPSK	2588.43	-40.54	-25	PASS
n7	15	15	512500	1@78	CP_QPSK	2586.91	-40.44	-25	PASS
n7	15	20	502000	106@0	CP_QPSK	2484.47	-40.71	-25	PASS
n7	15	20	502000	1@0	CP_QPSK	2486.39	-40.44	-25	PASS
n7	15	20	502000	1@105	CP_QPSK	2483.35	-40.71	-25	PASS
n7	15	20	512000	106@0	CP_QPSK	2592.33	-40.24	-25	PASS
n7	15	20	512000	1@0	CP_QPSK	2592.37	-40.53	-25	PASS
n7	15	20	512000	1@105	CP_QPSK	2590.40	-40.48	-25	PASS

n7 SCS=15kHz CP_QPSK BW=15MHz Channel=501500 RB=1@0



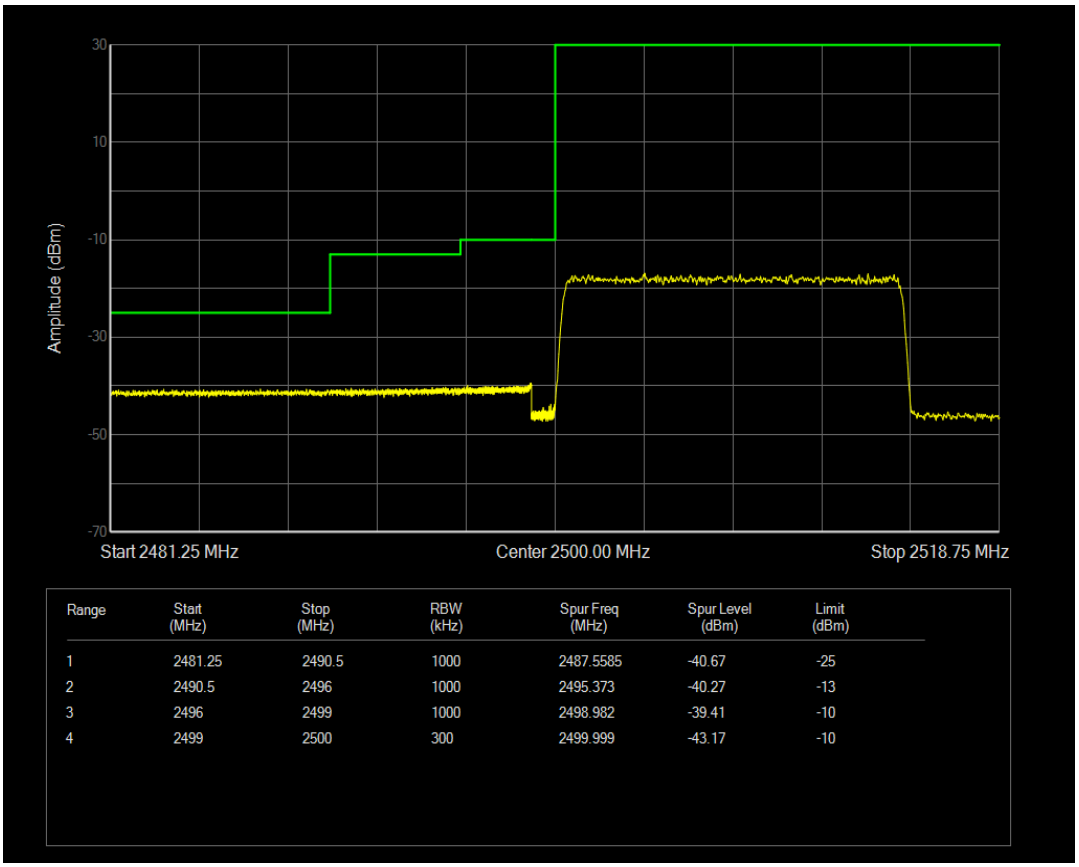
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2481.25	2490.5	1000	2487.096	-40.56	-25
2	2490.5	2496	1000	2495.241	-39.99	-13
3	2496	2499	1000	2498.991	-29.7	-10
4	2499	2500	100	2499.992	-47.45	-10

n7 SCS=15kHz CP_QPSK BW=15MHz Channel=512500 RB=1@0



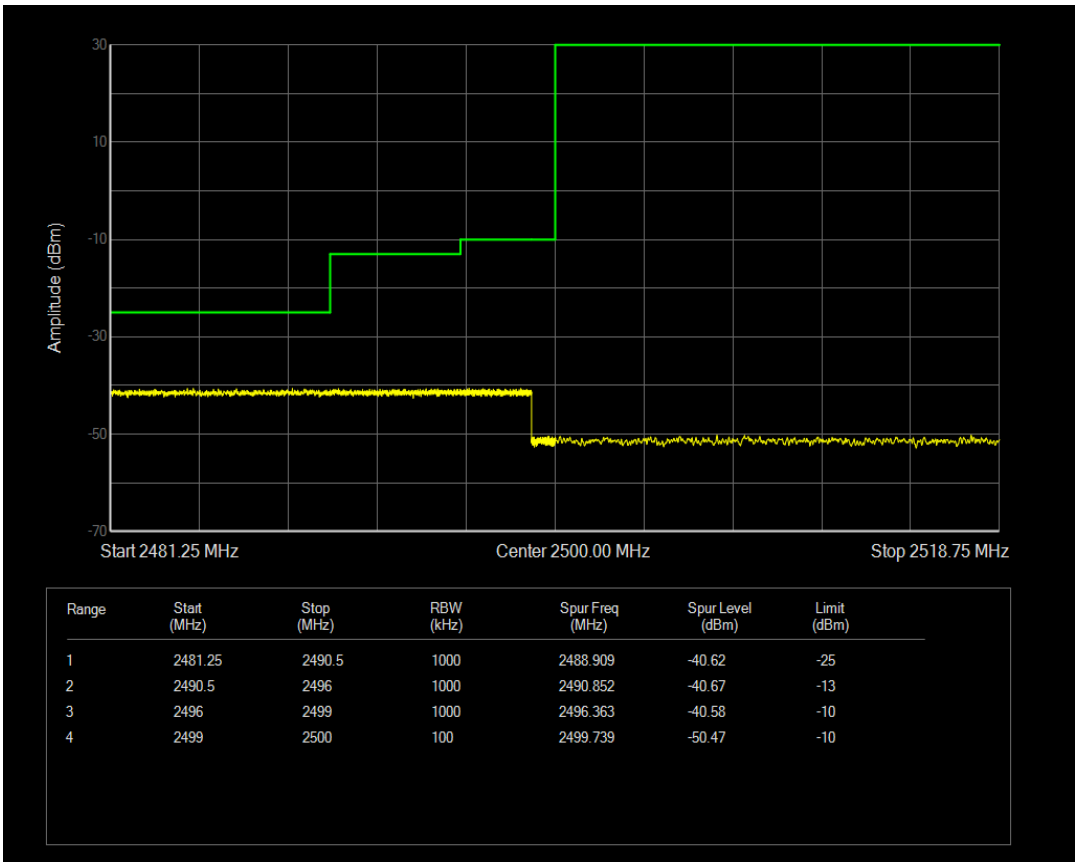
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	100	2570.481	-50.22	-10
3	2571	2575	1000	2571.2	-40.42	-10
4	2575	2585	1000	2578.06	-40.45	-13
5	2585	2588.75	1000	2588.43125	-40.54	-25

n7 SCS=15kHz CP_QPSK BW=15MHz Channel=501500 RB=79@0



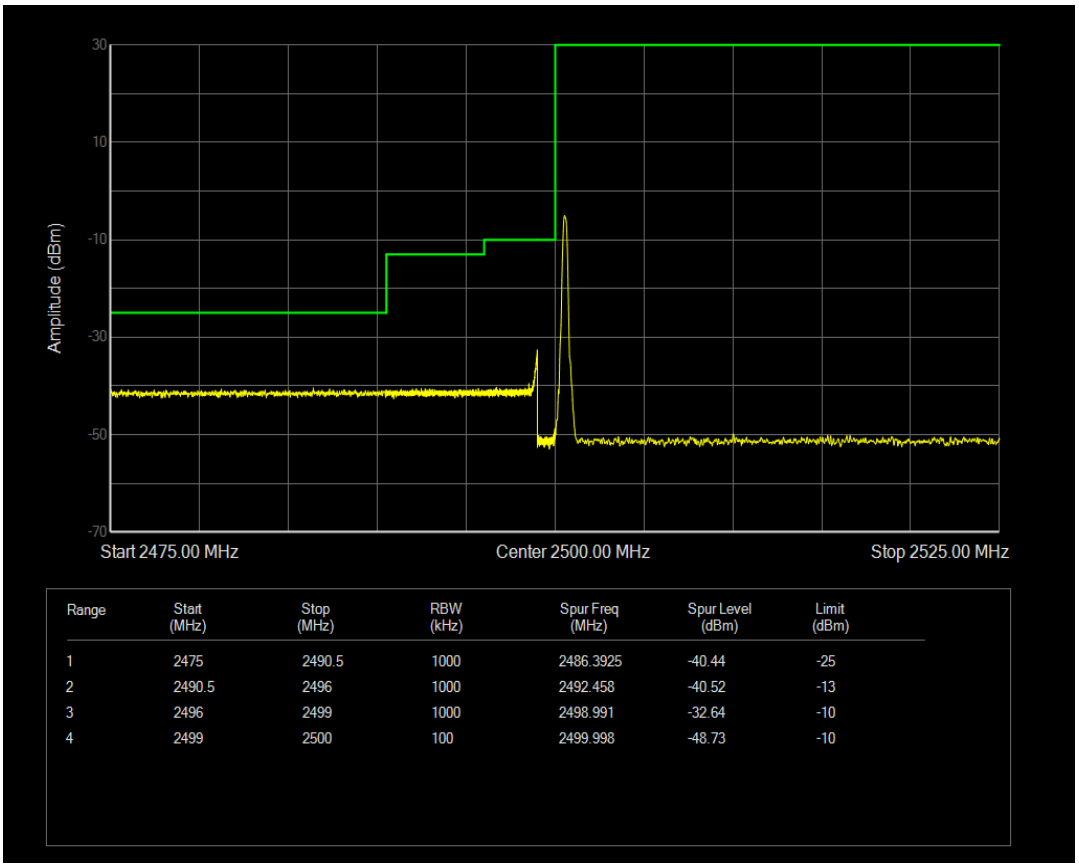
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2481.25	2490.5	1000	2487.5585	-40.67	-25
2	2490.5	2496	1000	2495.373	-40.27	-13
3	2496	2499	1000	2498.982	-39.41	-10
4	2499	2500	300	2499.999	-43.17	-10

n7 SCS=15kHz CP_QPSK BW=15MHz Channel=501500 RB=1@78



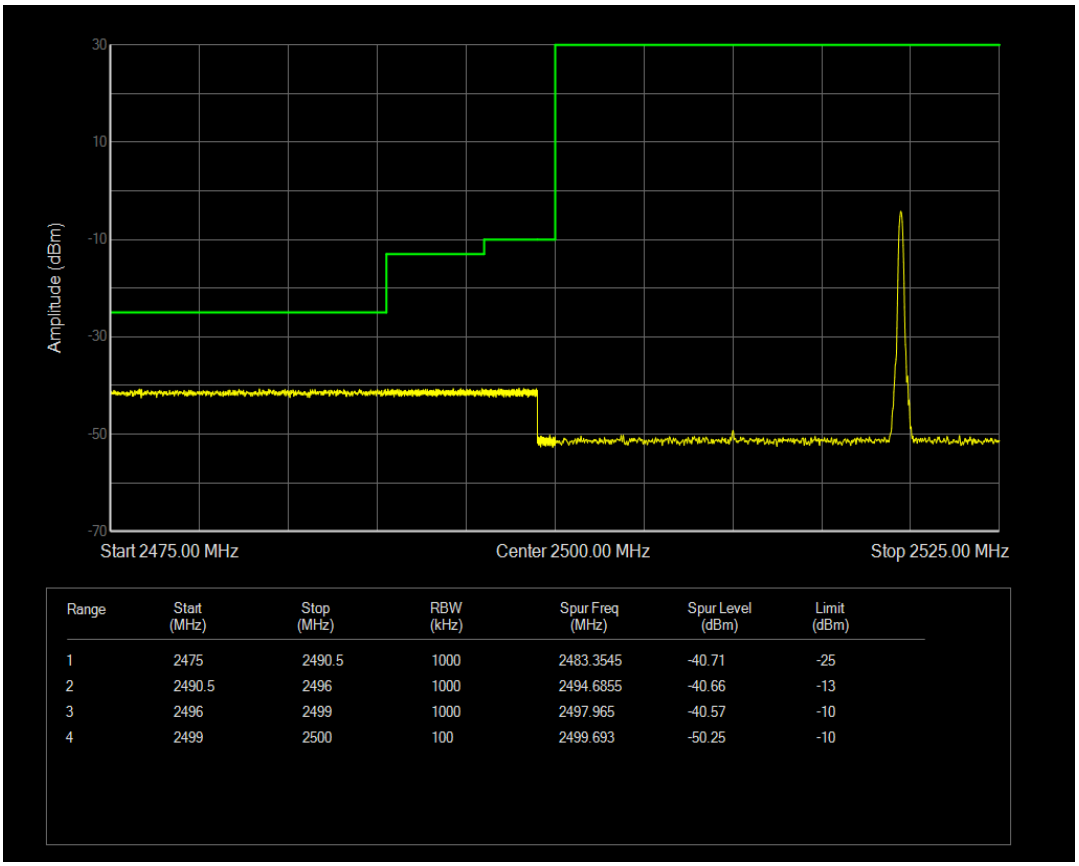
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2481.25	2490.5	1000	2488.909	-40.62	-25
2	2490.5	2496	1000	2490.852	-40.67	-13
3	2496	2499	1000	2496.363	-40.58	-10
4	2499	2500	100	2499.739	-50.47	-10

n7 SCS=15kHz CP_QPSK BW=20MHz Channel=502000 RB=1@0



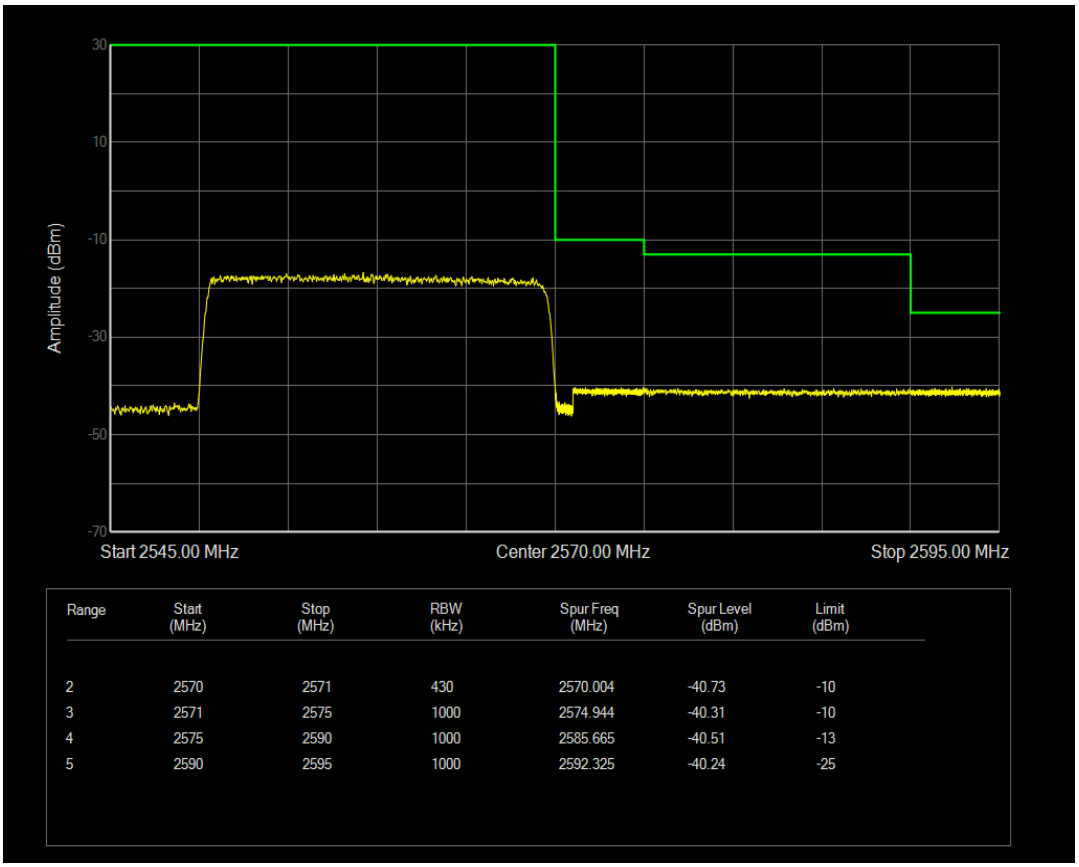
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490.5	1000	2486.3925	-40.44	-25
2	2490.5	2496	1000	2492.458	-40.52	-13
3	2496	2499	1000	2498.991	-32.64	-10
4	2499	2500	100	2499.998	-48.73	-10

n7 SCS=15kHz CP_QPSK BW=20MHz Channel=502000 RB=1@105



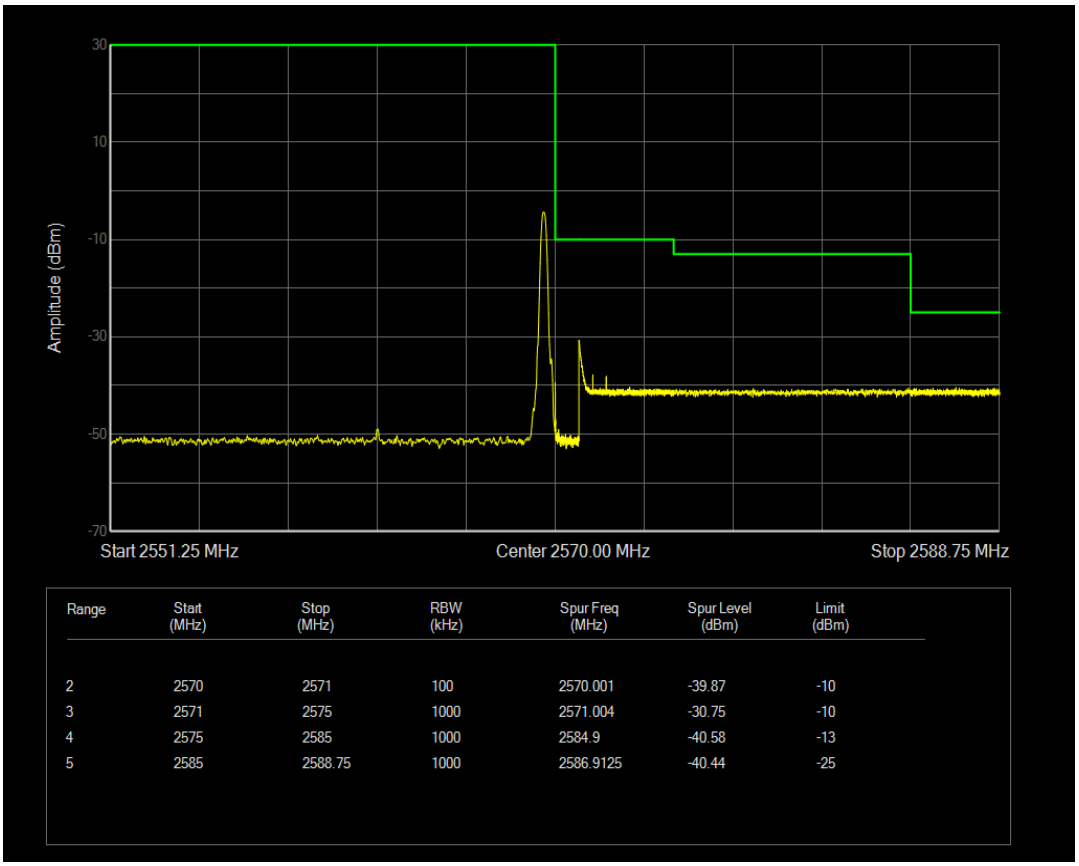
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490.5	1000	2483.3545	-40.71	-25
2	2490.5	2496	1000	2494.6855	-40.66	-13
3	2496	2499	1000	2497.965	-40.57	-10
4	2499	2500	100	2499.693	-50.25	-10

n7 SCS=15kHz CP_QPSK BW=20MHz Channel=512000 RB=106@0



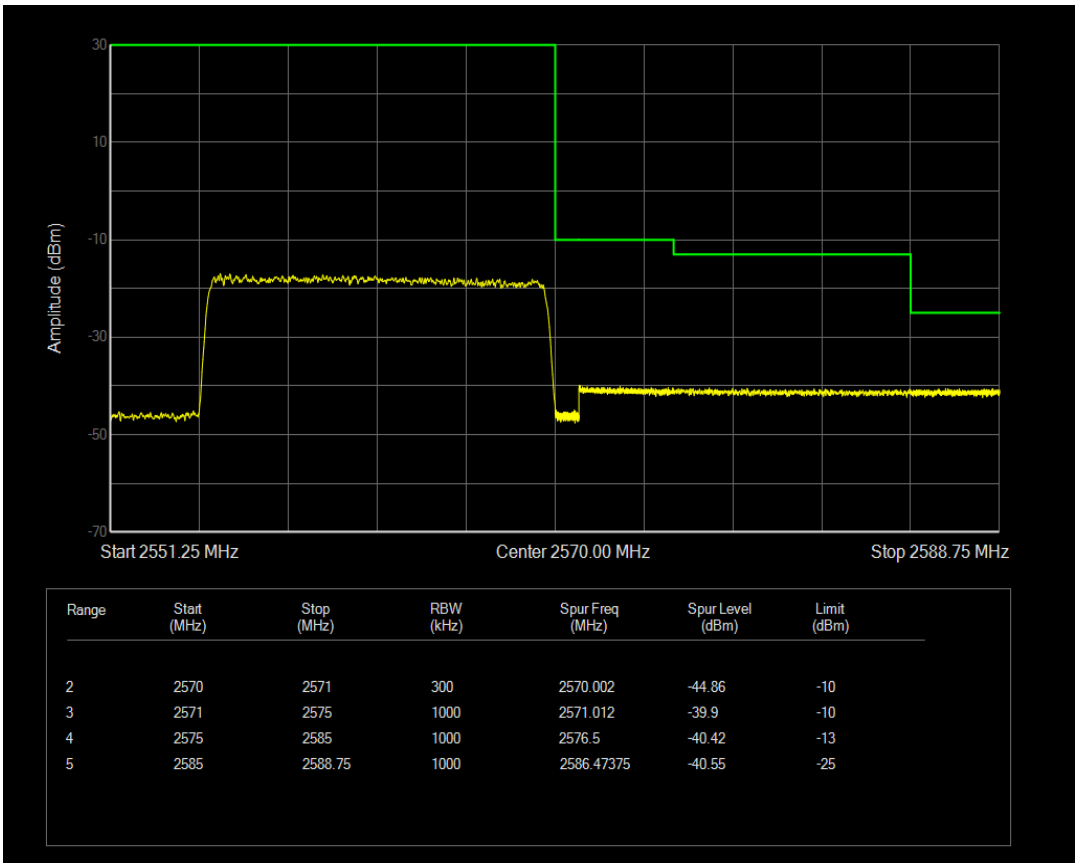
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	430	2570.004	-40.73	-10
3	2571	2575	1000	2574.944	-40.31	-10
4	2575	2590	1000	2585.665	-40.51	-13
5	2590	2595	1000	2592.325	-40.24	-25

n7 SCS=15kHz CP_QPSK BW=15MHz Channel=512500 RB=1@78



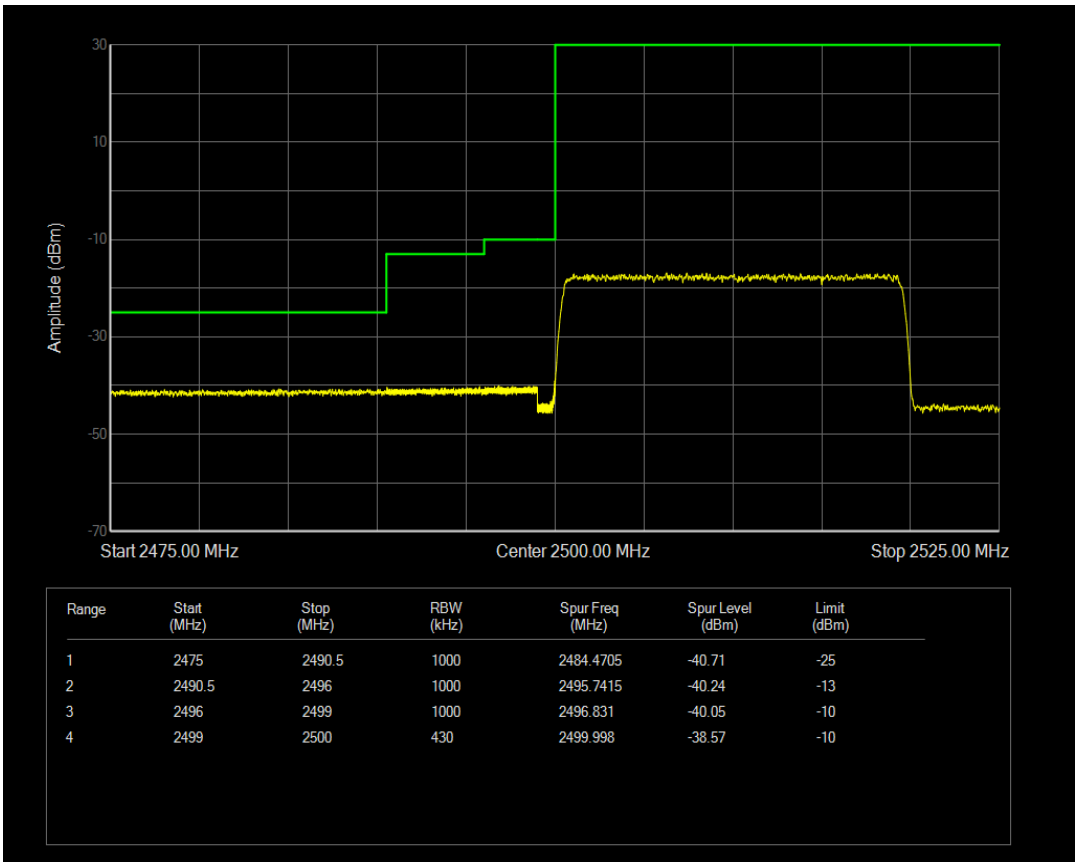
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	100	2570.001	-39.87	-10
3	2571	2575	1000	2571.004	-30.75	-10
4	2575	2585	1000	2584.9	-40.58	-13
5	2585	2588.75	1000	2586.9125	-40.44	-25

n7 SCS=15kHz CP_QPSK BW=15MHz Channel=512500 RB=79@0



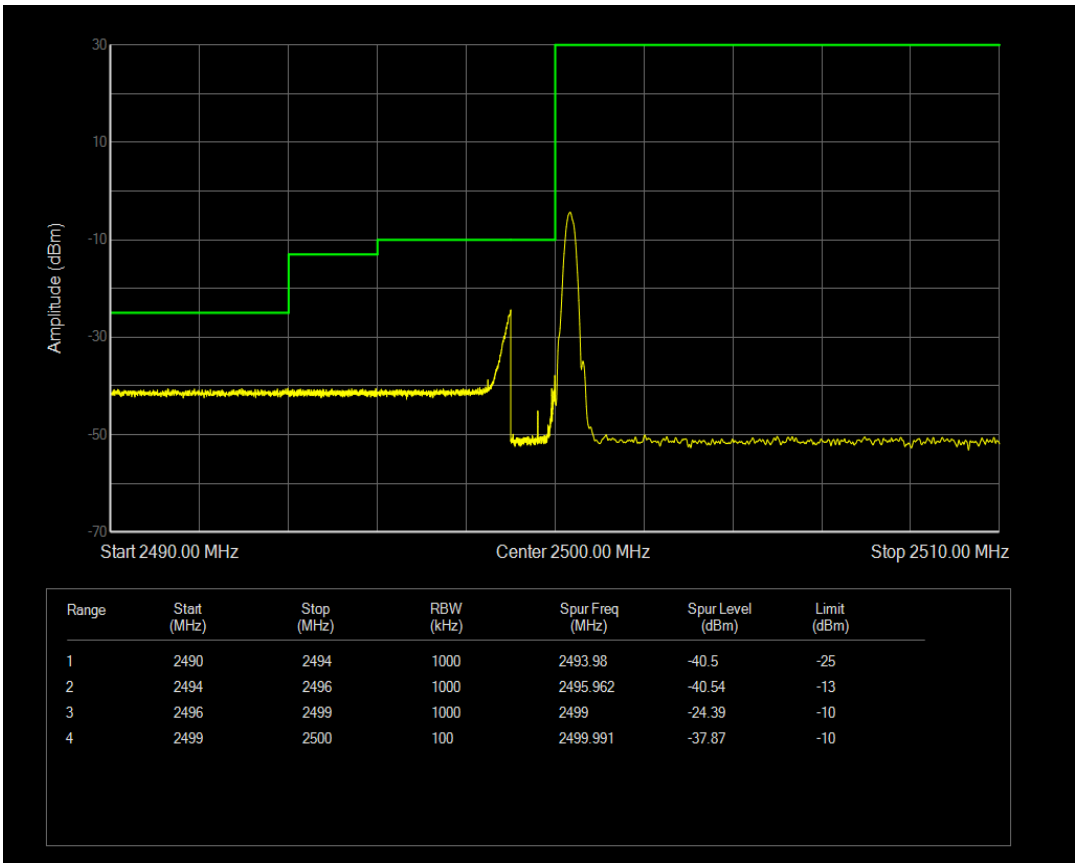
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	300	2570.002	-44.86	-10
3	2571	2575	1000	2571.012	-39.9	-10
4	2575	2585	1000	2576.5	-40.42	-13
5	2585	2588.75	1000	2586.47375	-40.55	-25

n7 SCS=15kHz CP_QPSK BW=20MHz Channel=502000 RB=106@0



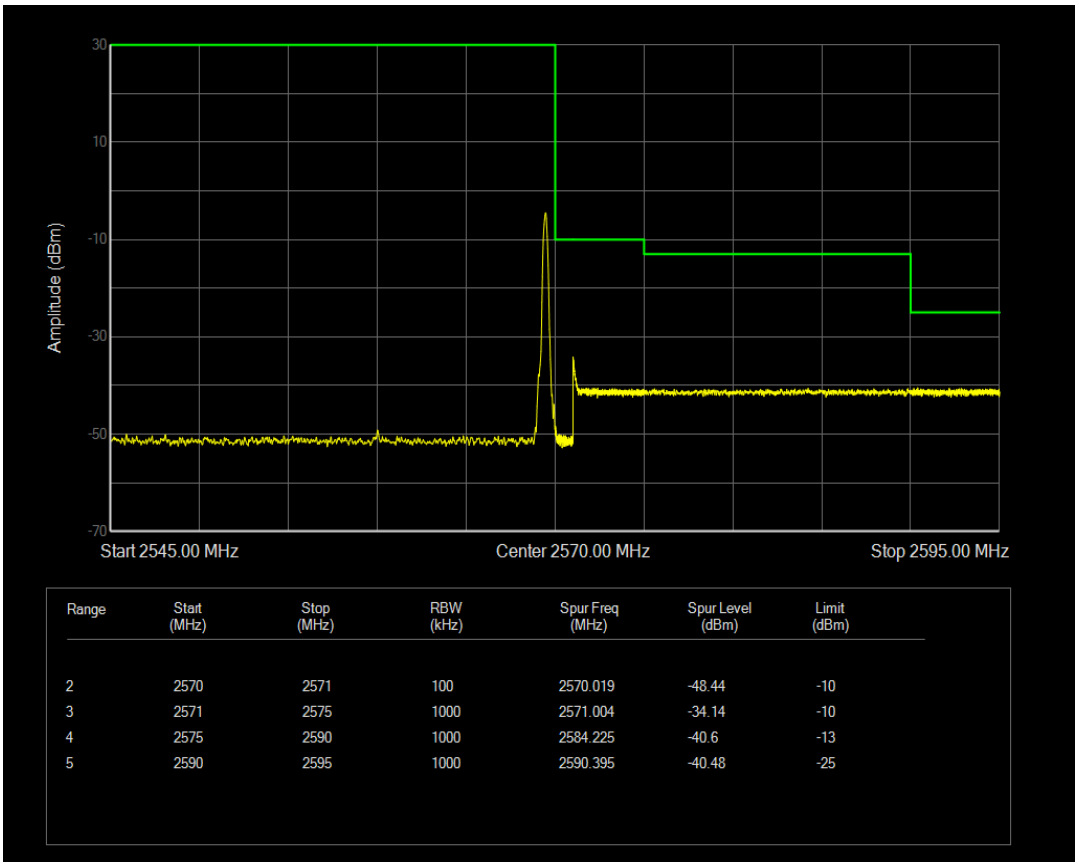
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2475	2490.5	1000	2484.4705	-40.71	-25
2	2490.5	2496	1000	2495.7415	-40.24	-13
3	2496	2499	1000	2496.831	-40.05	-10
4	2499	2500	430	2499.998	-38.57	-10

n7 SCS=15kHz CP_QPSK BW=5MHz Channel=500500 RB=1@0



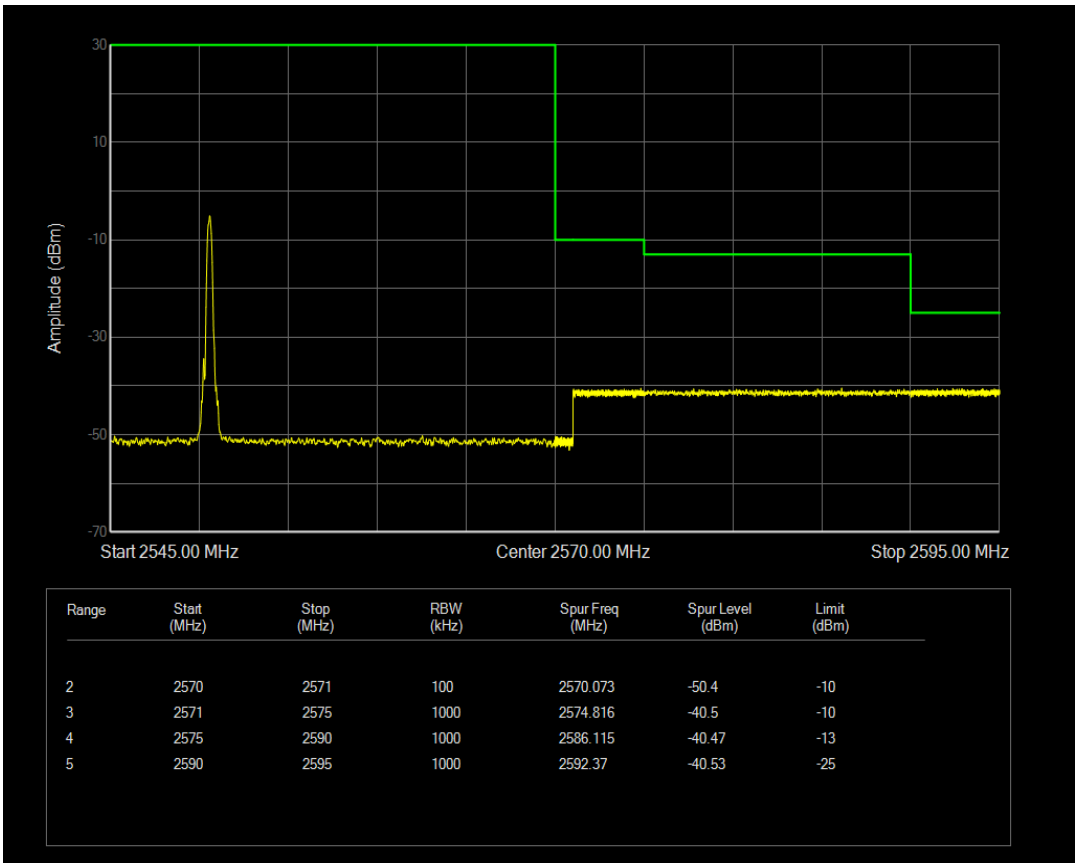
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2490	2494	1000	2493.98	-40.5	-25
2	2494	2496	1000	2495.962	-40.54	-13
3	2496	2499	1000	2499	-24.39	-10
4	2499	2500	100	2499.991	-37.87	-10

n7 SCS=15kHz CP_QPSK BW=20MHz Channel=512000 RB=1@105



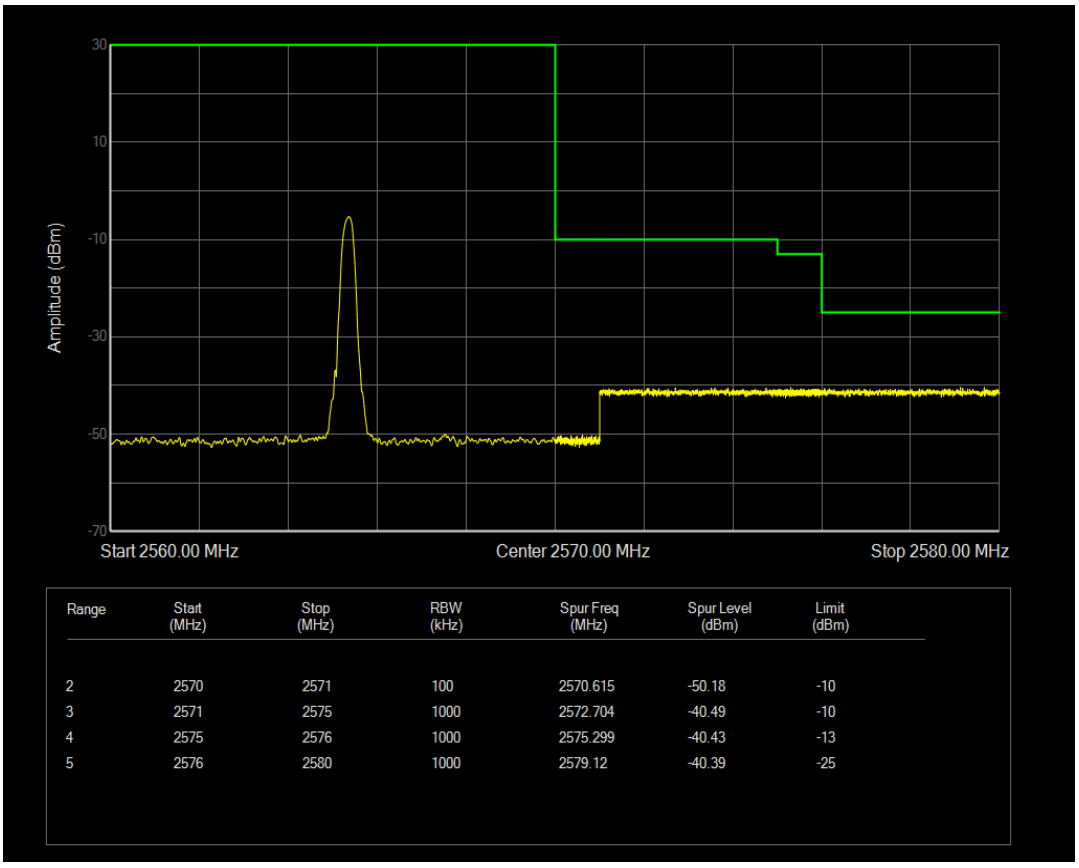
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	100	2570.019	-48.44	-10
3	2571	2575	1000	2571.004	-34.14	-10
4	2575	2590	1000	2584.225	-40.6	-13
5	2590	2595	1000	2590.395	-40.48	-25

n7 SCS=15kHz CP_QPSK BW=20MHz Channel=512000 RB=1@0



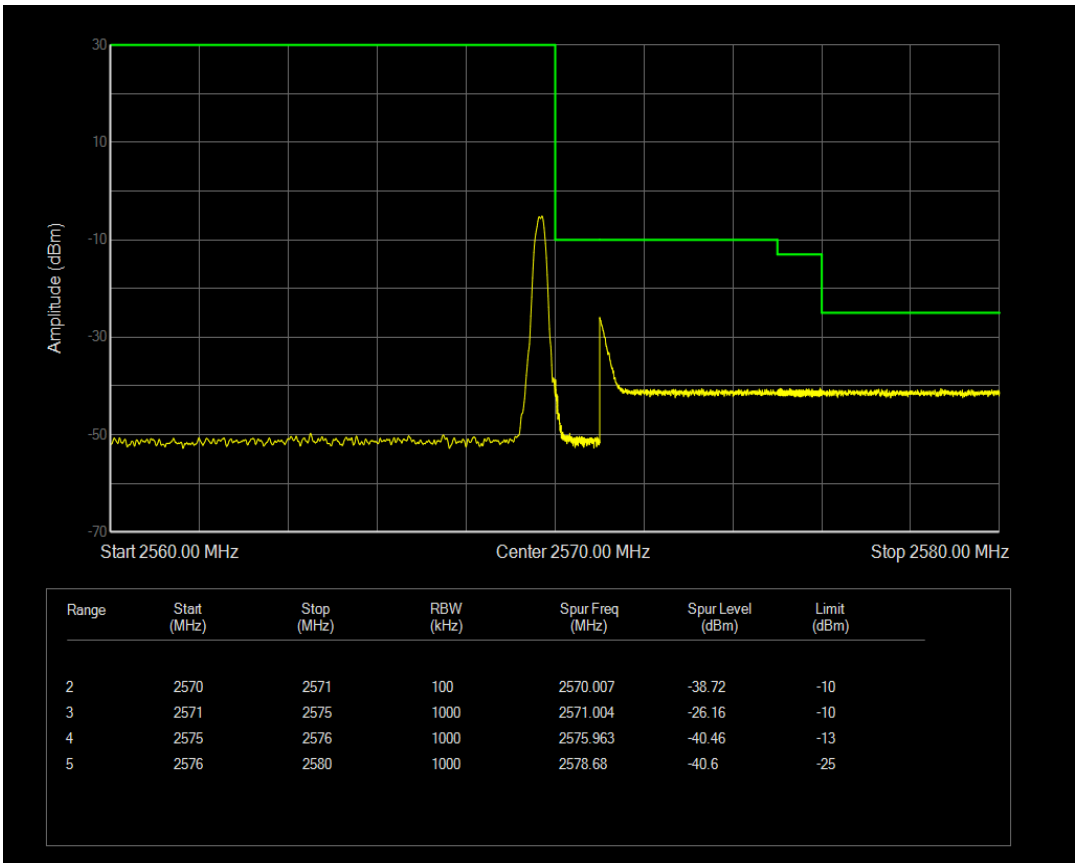
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	100	2570.073	-50.4	-10
3	2571	2575	1000	2574.816	-40.5	-10
4	2575	2590	1000	2586.115	-40.47	-13
5	2590	2595	1000	2592.37	-40.53	-25

n7 SCS=15kHz CP_QPSK BW=5MHz Channel=513500 RB=1@0



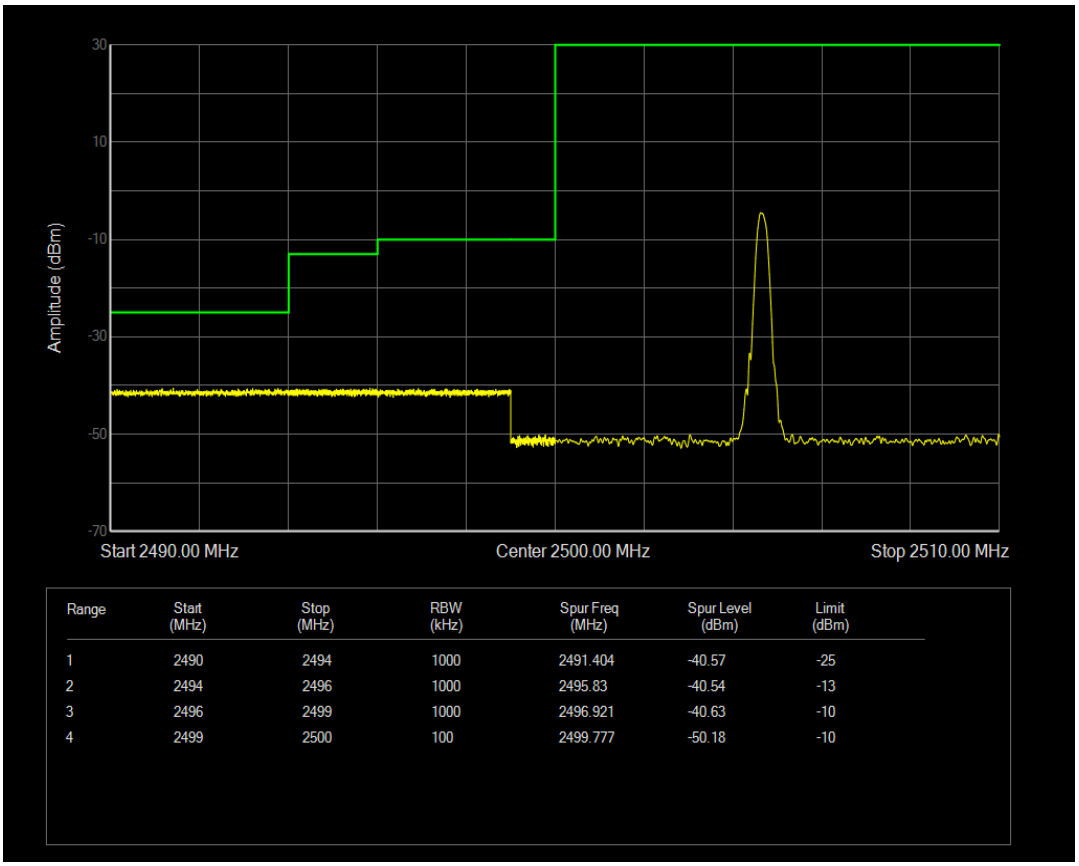
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	100	2570.615	-50.18	-10
3	2571	2575	1000	2572.704	-40.49	-10
4	2575	2576	1000	2575.299	-40.43	-13
5	2576	2580	1000	2579.12	-40.39	-25

n7 SCS=15kHz CP_QPSK BW=5MHz Channel=513500 RB=1@24



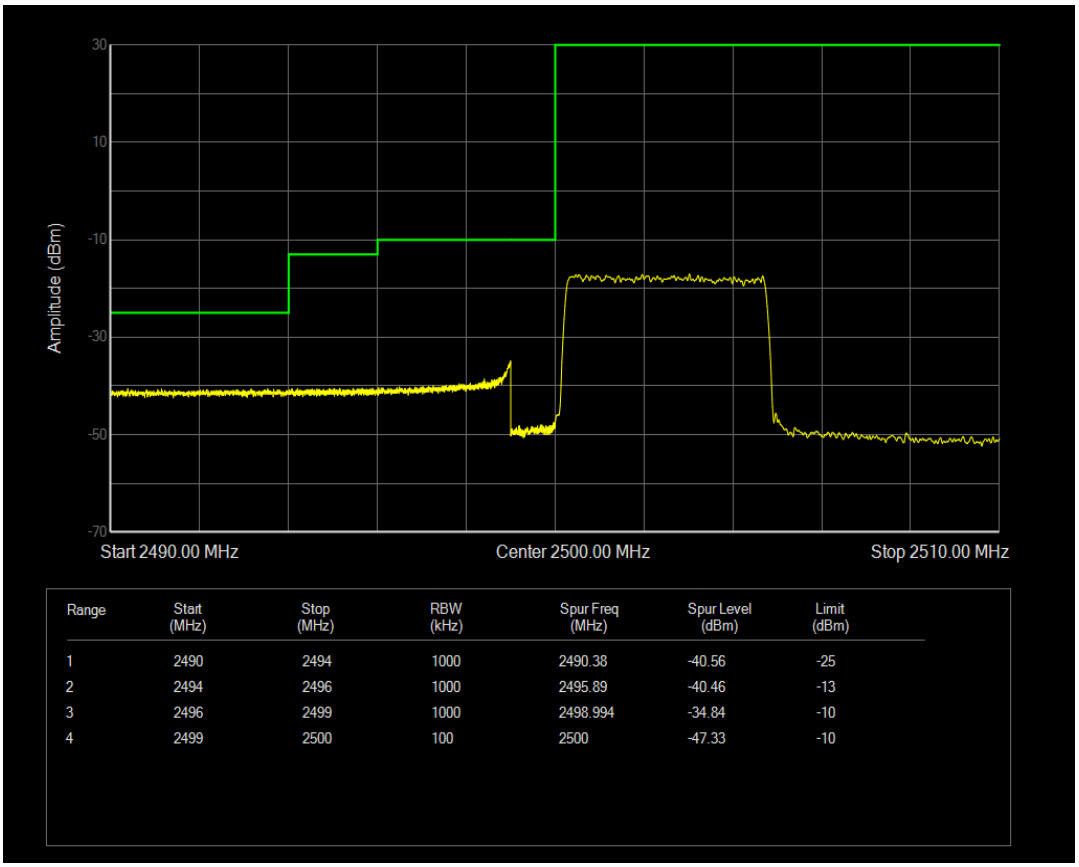
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	100	2570.007	-38.72	-10
3	2571	2575	1000	2571.004	-26.16	-10
4	2575	2576	1000	2575.963	-40.46	-13
5	2576	2580	1000	2578.68	-40.6	-25

n7 SCS=15kHz CP_QPSK BW=5MHz Channel=500500 RB=1@24



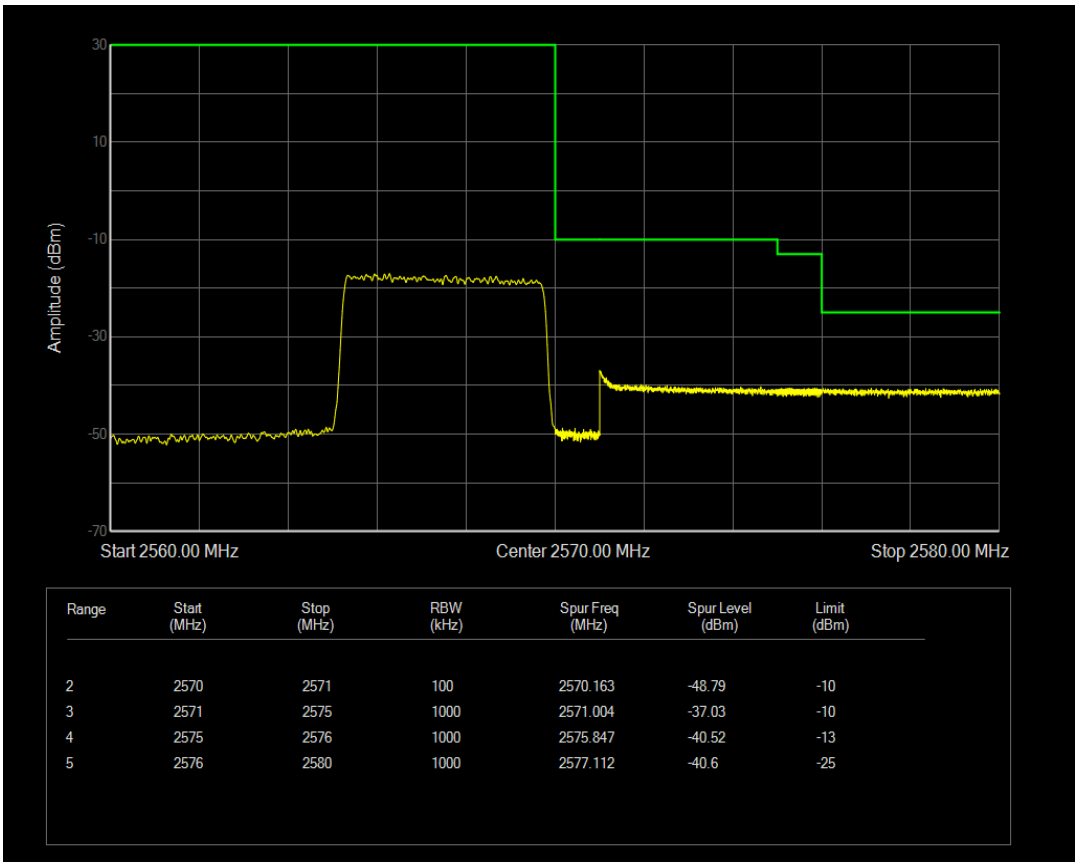
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2490	2494	1000	2491.404	-40.57	-25
2	2494	2496	1000	2495.83	-40.54	-13
3	2496	2499	1000	2496.921	-40.63	-10
4	2499	2500	100	2499.777	-50.18	-10

n7 SCS=15kHz CP_QPSK BW=5MHz Channel=500500 RB=25@0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2490	2494	1000	2490.38	-40.56	-25
2	2494	2496	1000	2495.89	-40.46	-13
3	2496	2499	1000	2498.994	-34.84	-10
4	2499	2500	100	2500	-47.33	-10

n7 SCS=15kHz CP_QPSK BW=5MHz Channel=513500 RB=25@0

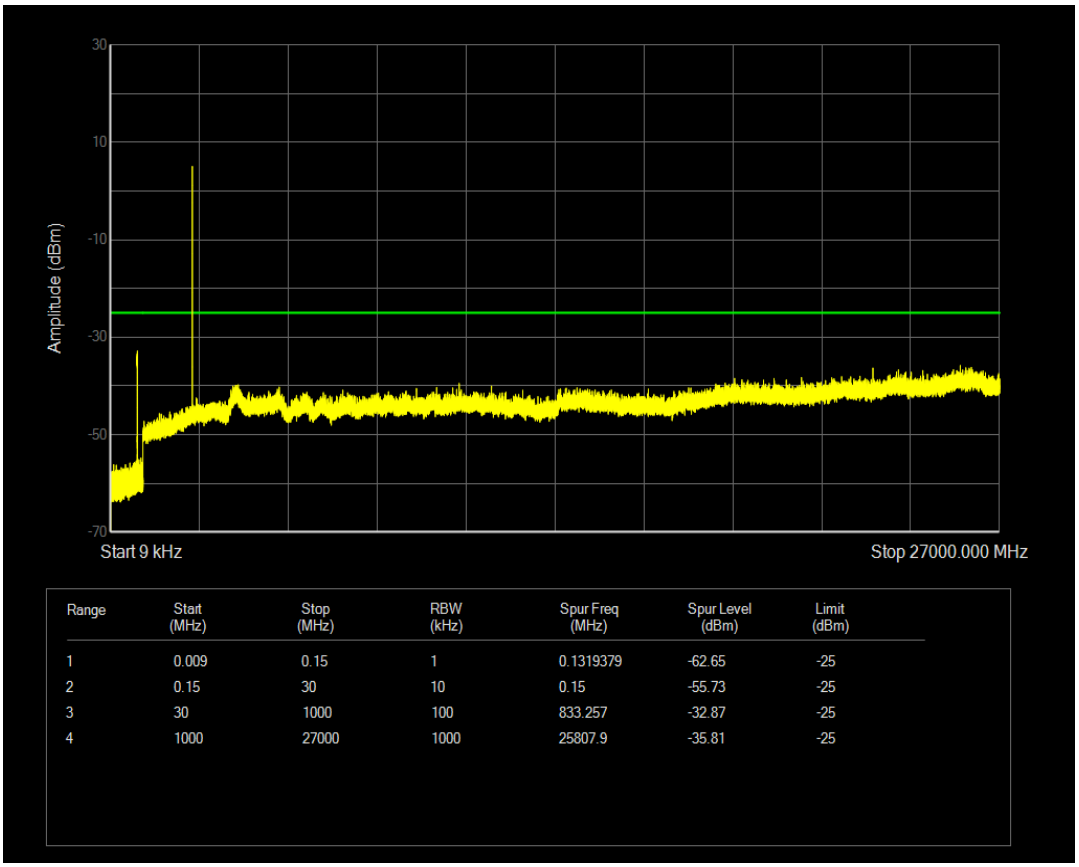


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
2	2570	2571	100	2570.163	-48.79	-10
3	2571	2575	1000	2571.004	-37.03	-10
4	2575	2576	1000	2575.847	-40.52	-13
5	2576	2580	1000	2577.112	-40.6	-25

6 Out-of-band emissions for EN-DC

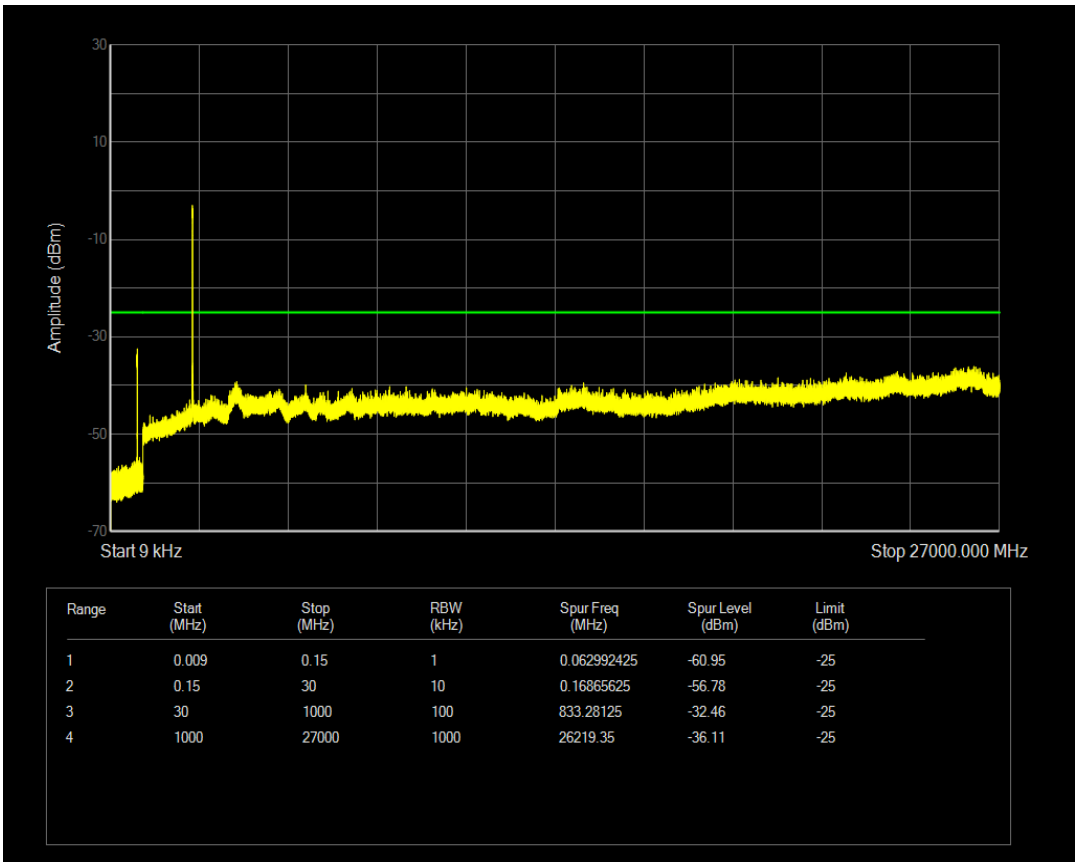
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
n7	15	5	500500	25@0	CP_QPSK	833.43	-33.46	-25	PASS
n7	15	5	500500	1@0	CP_QPSK	833.23	-31.87	-25	PASS
n7	15	5	500500	1@24	CP_QPSK	833.57	-32.72	-25	PASS
n7	15	5	513500	25@0	CP_QPSK	833.35	-32.42	-25	PASS
n7	15	5	513500	1@0	CP_QPSK	833.96	-32.67	-25	PASS
n7	15	5	513500	1@24	CP_QPSK	832.53	-32.00	-25	PASS
n7	15	15	501500	79@0	CP_QPSK	833.28	-32.46	-25	PASS
n7	15	15	501500	1@0	CP_QPSK	833.26	-32.87	-25	PASS
n7	15	15	501500	1@78	CP_QPSK	832.72	-30.82	-25	PASS
n7	15	15	512500	79@0	CP_QPSK	832.55	-32.62	-25	PASS
n7	15	15	512500	1@0	CP_QPSK	833.26	-31.81	-25	PASS
n7	15	15	512500	1@78	CP_QPSK	833.89	-32.89	-25	PASS
n7	15	20	502000	106@0	CP_QPSK	833.81	-32.69	-25	PASS
n7	15	20	502000	1@0	CP_QPSK	833.94	-33.18	-25	PASS
n7	15	20	502000	1@105	CP_QPSK	832.41	-32.61	-25	PASS
n7	15	20	512000	106@0	CP_QPSK	833.21	-31.90	-25	PASS
n7	15	20	512000	1@0	CP_QPSK	833.50	-32.35	-25	PASS
n7	15	20	512000	1@105	CP_QPSK	832.43	-32.38	-25	PASS

n7 SCS=15kHz CP_QPSK BW=15MHz Channel=501500 RB=1@0



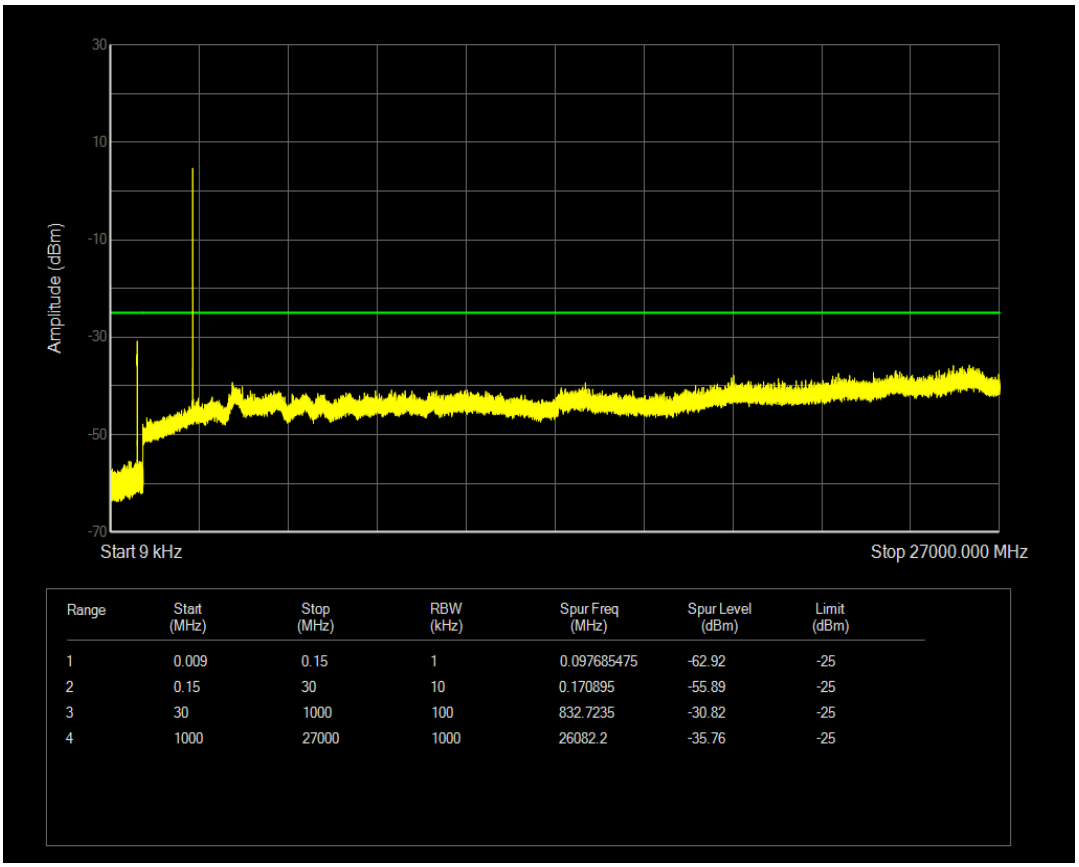
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.1319379	-62.65	-25
2	0.15	30	10	0.15	-55.73	-25
3	30	1000	100	833.257	-32.87	-25
4	1000	27000	1000	25807.9	-35.81	-25

n7 SCS=15kHz CP_QPSK BW=15MHz Channel=501500 RB=79@0



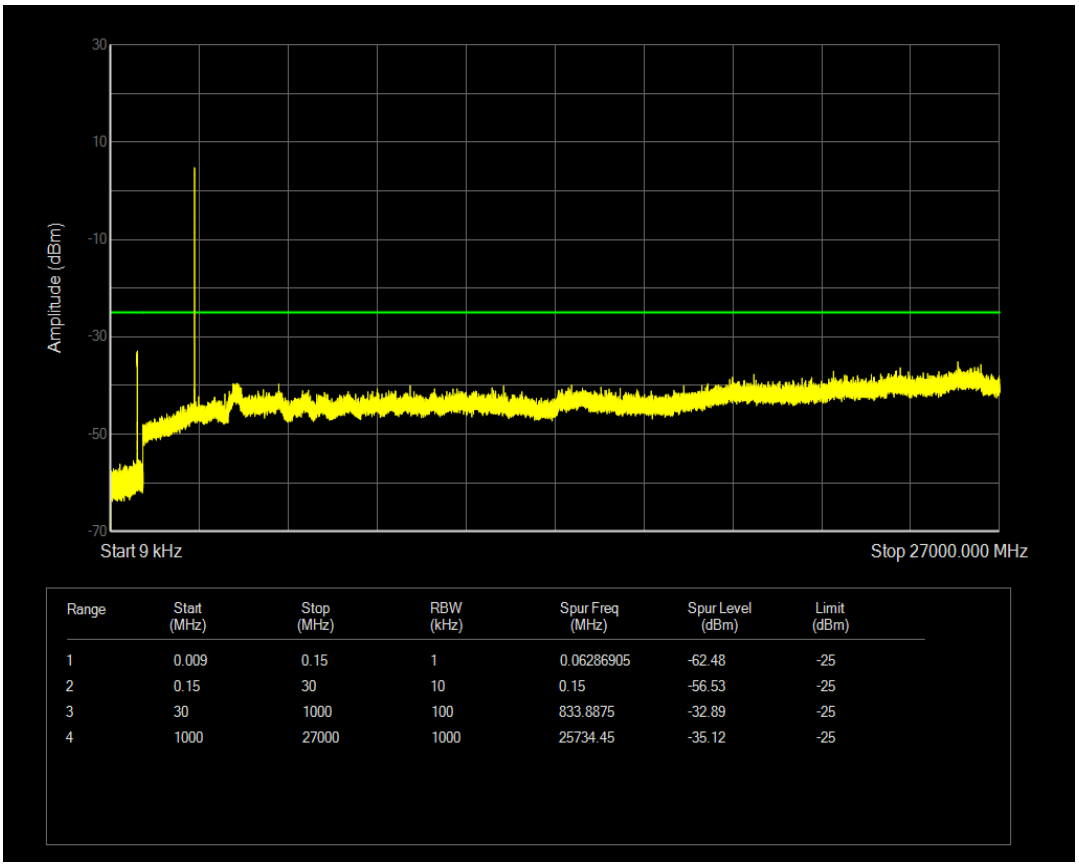
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.062992425	-60.95	-25
2	0.15	30	10	0.16865625	-56.78	-25
3	30	1000	100	833.28125	-32.46	-25
4	1000	27000	1000	26219.35	-36.11	-25

n7 SCS=15kHz CP_QPSK BW=15MHz Channel=501500 RB=1@78



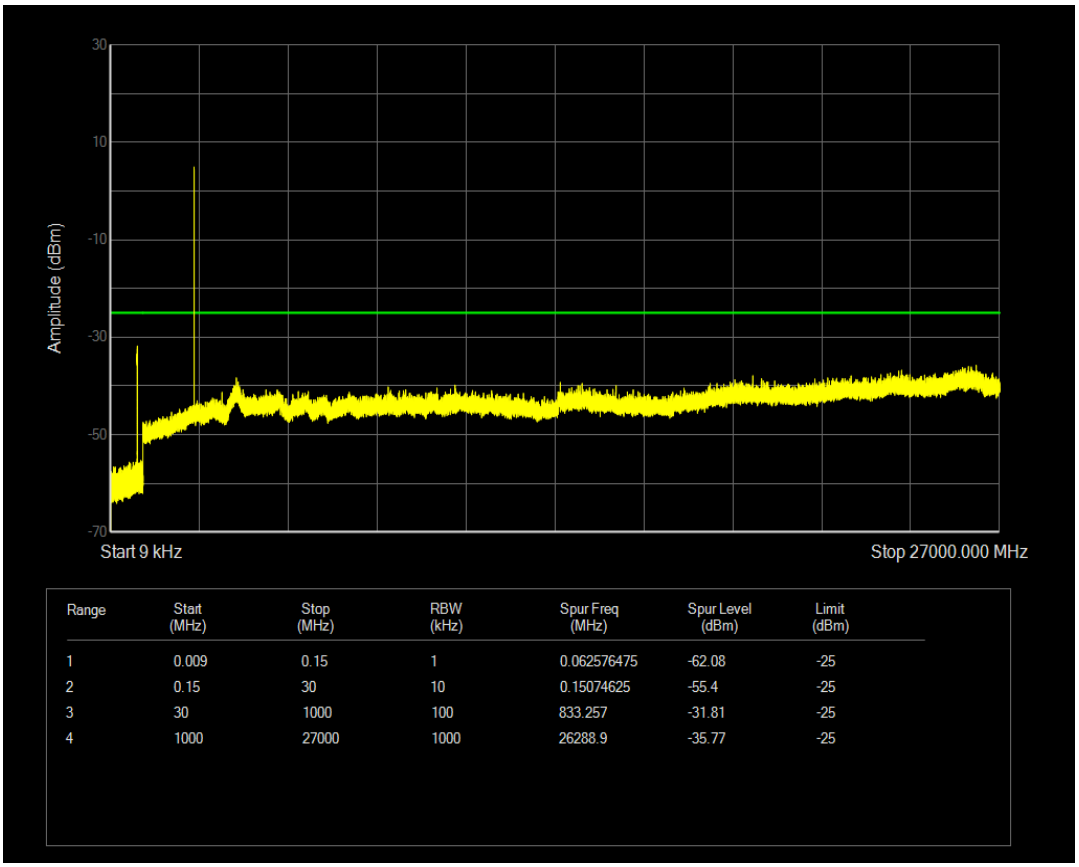
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.097685475	-62.92	-25
2	0.15	30	10	0.170895	-55.89	-25
3	30	1000	100	832.7235	-30.82	-25
4	1000	27000	1000	26082.2	-35.76	-25

n7 SCS=15kHz CP_QPSK BW=15MHz Channel=512500 RB=1@78



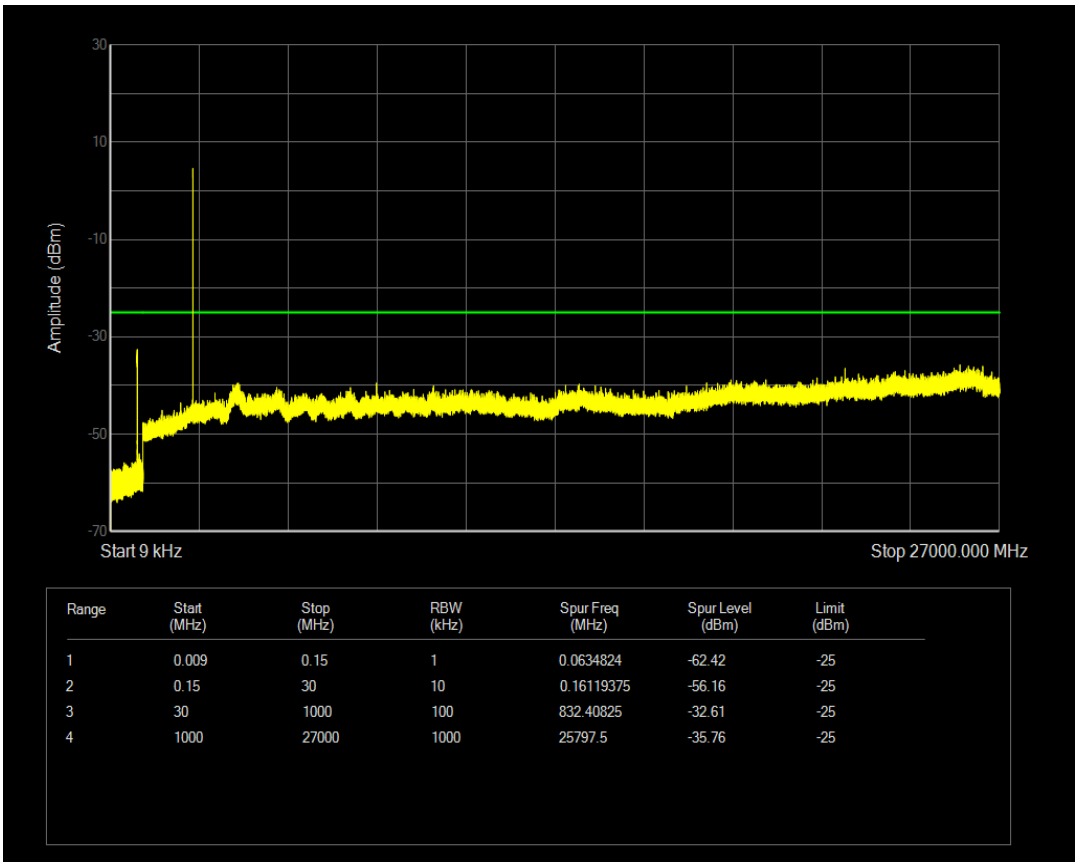
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.06286905	-62.48	-25
2	0.15	30	10	0.15	-56.53	-25
3	30	1000	100	833.8875	-32.89	-25
4	1000	27000	1000	25734.45	-35.12	-25

n7 SCS=15kHz CP_QPSK BW=15MHz Channel=512500 RB=1@0



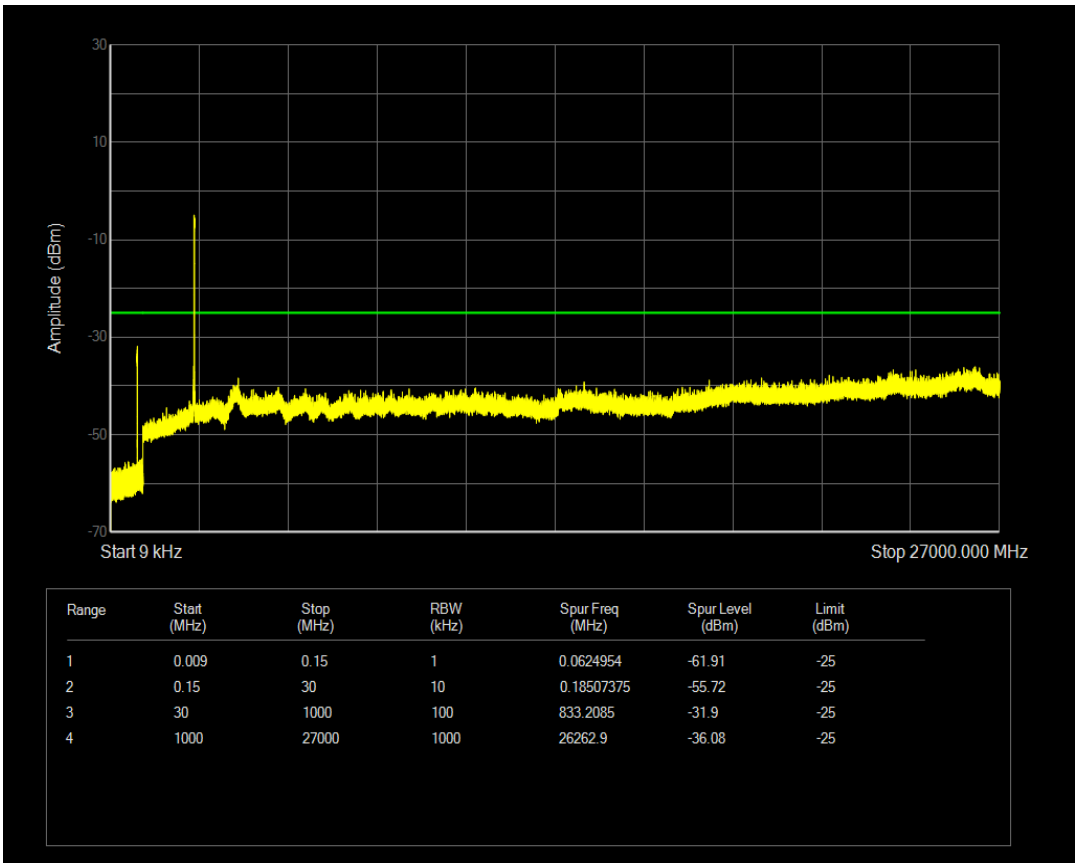
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.062576475	-62.08	-25
2	0.15	30	10	0.15074625	-55.4	-25
3	30	1000	100	833.257	-31.81	-25
4	1000	27000	1000	26288.9	-35.77	-25

n7 SCS=15kHz CP_QPSK BW=20MHz Channel=502000 RB=1@105



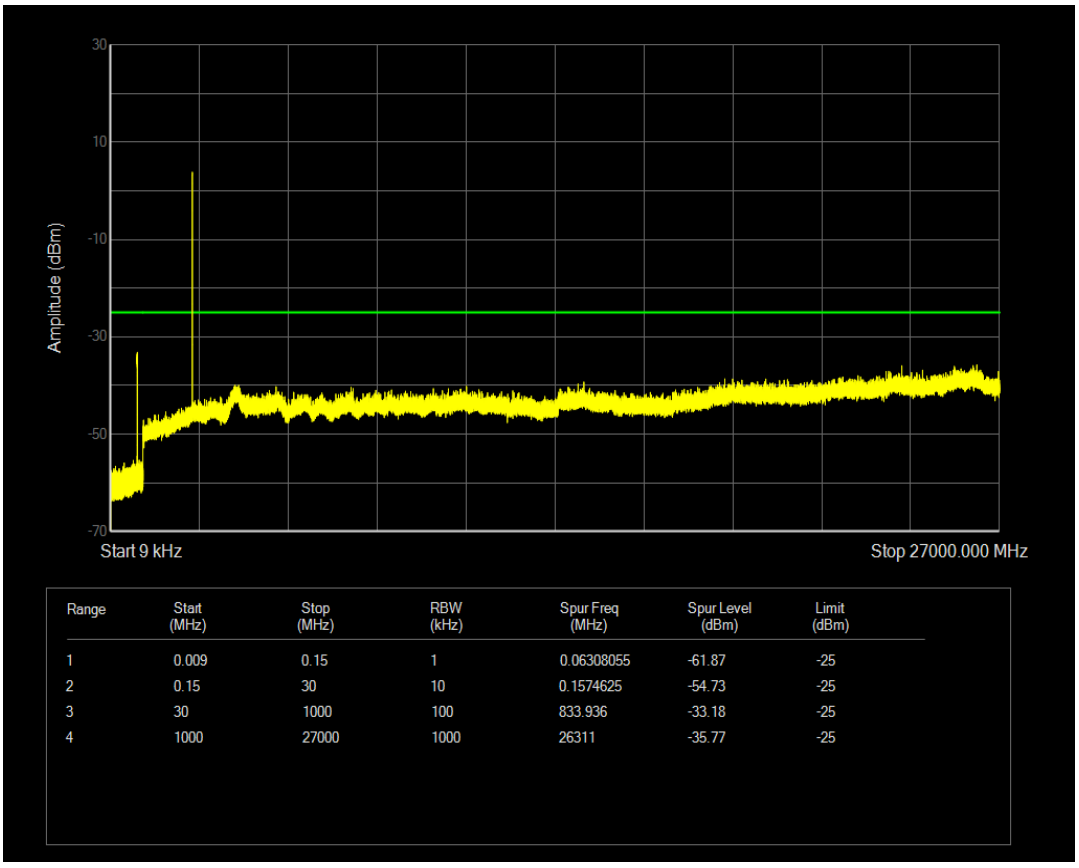
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0634824	-62.42	-25
2	0.15	30	10	0.16119375	-56.16	-25
3	30	1000	100	832.40825	-32.61	-25
4	1000	27000	1000	25797.5	-35.76	-25

n7 SCS=15kHz CP_QPSK BW=20MHz Channel=512000 RB=106@0



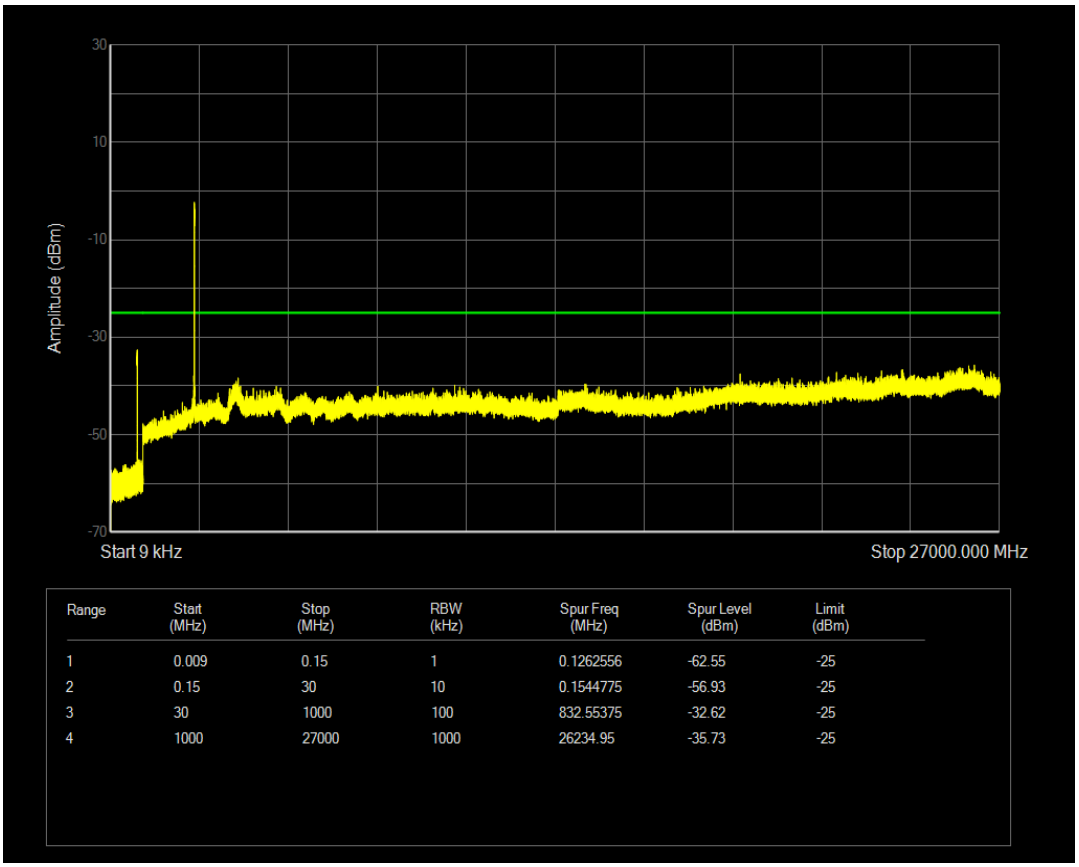
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0624954	-61.91	-25
2	0.15	30	10	0.18507375	-55.72	-25
3	30	1000	100	833.2085	-31.9	-25
4	1000	27000	1000	26262.9	-36.08	-25

n7 SCS=15kHz CP_QPSK BW=20MHz Channel=502000 RB=1@0



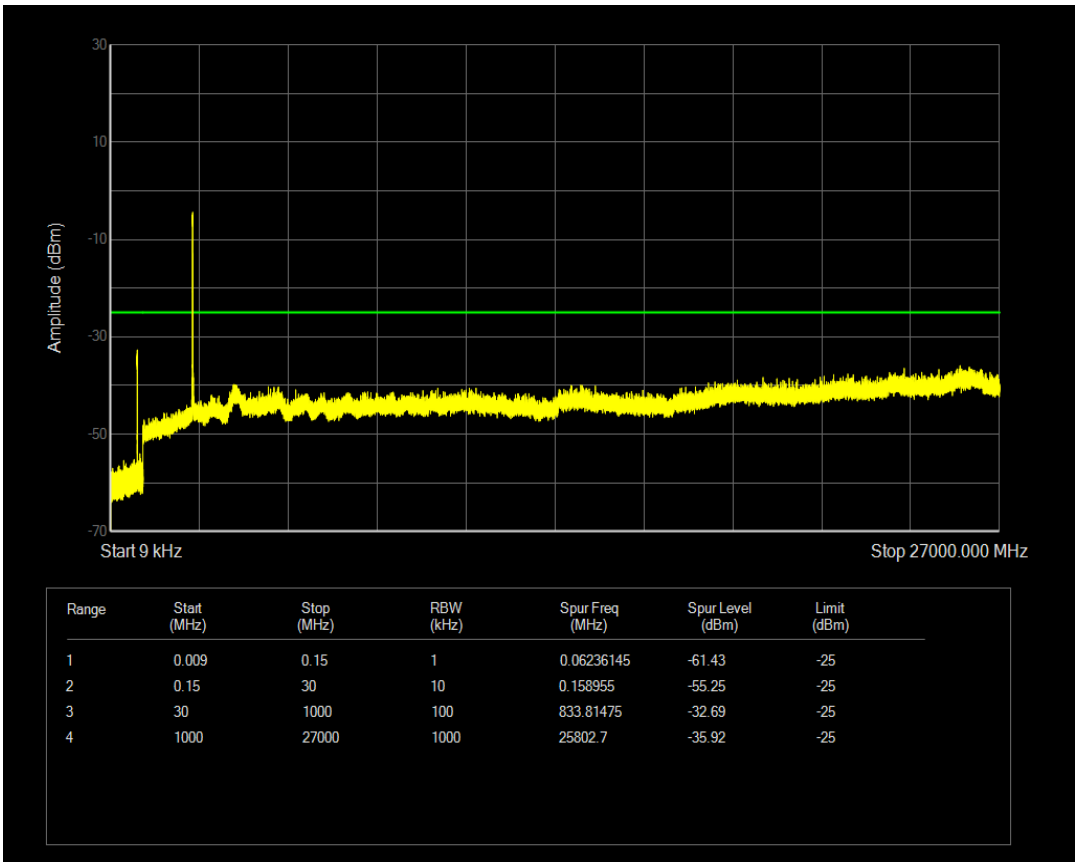
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.06308055	-61.87	-25
2	0.15	30	10	0.1574625	-54.73	-25
3	30	1000	100	833.936	-33.18	-25
4	1000	27000	1000	26311	-35.77	-25

n7 SCS=15kHz CP_QPSK BW=15MHz Channel=512500 RB=79@0



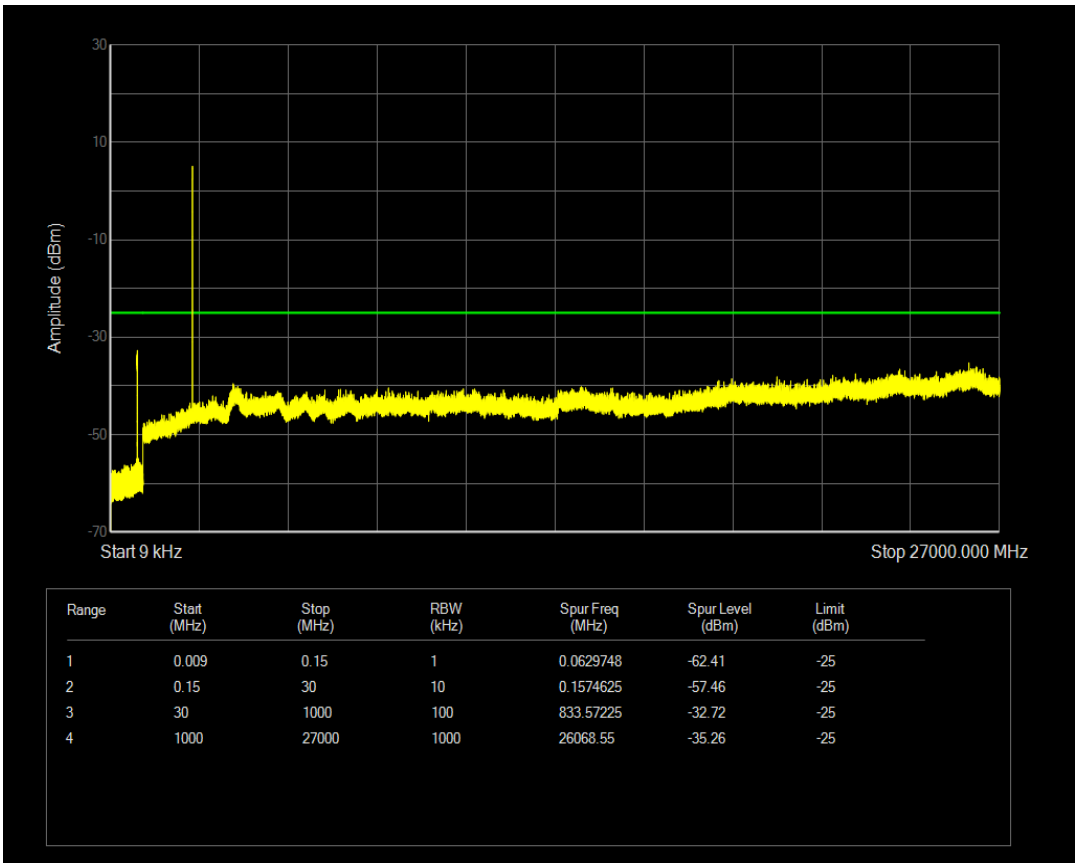
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.1262556	-62.55	-25
2	0.15	30	10	0.1544775	-56.93	-25
3	30	1000	100	832.55375	-32.62	-25
4	1000	27000	1000	26234.95	-35.73	-25

n7 SCS=15kHz CP_QPSK BW=20MHz Channel=502000 RB=106@0



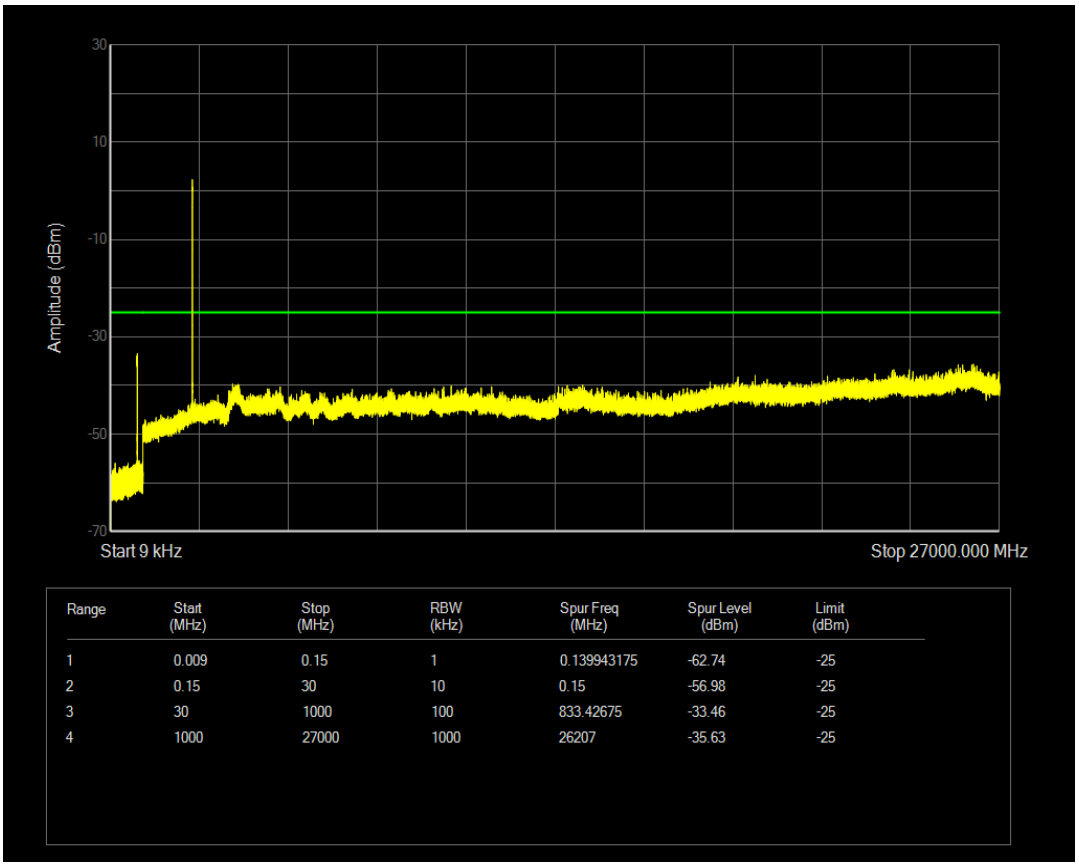
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.06236145	-61.43	-25
2	0.15	30	10	0.158955	-55.25	-25
3	30	1000	100	833.81475	-32.69	-25
4	1000	27000	1000	25802.7	-35.92	-25

n7 SCS=15kHz CP_QPSK BW=5MHz Channel=500500 RB=1@24



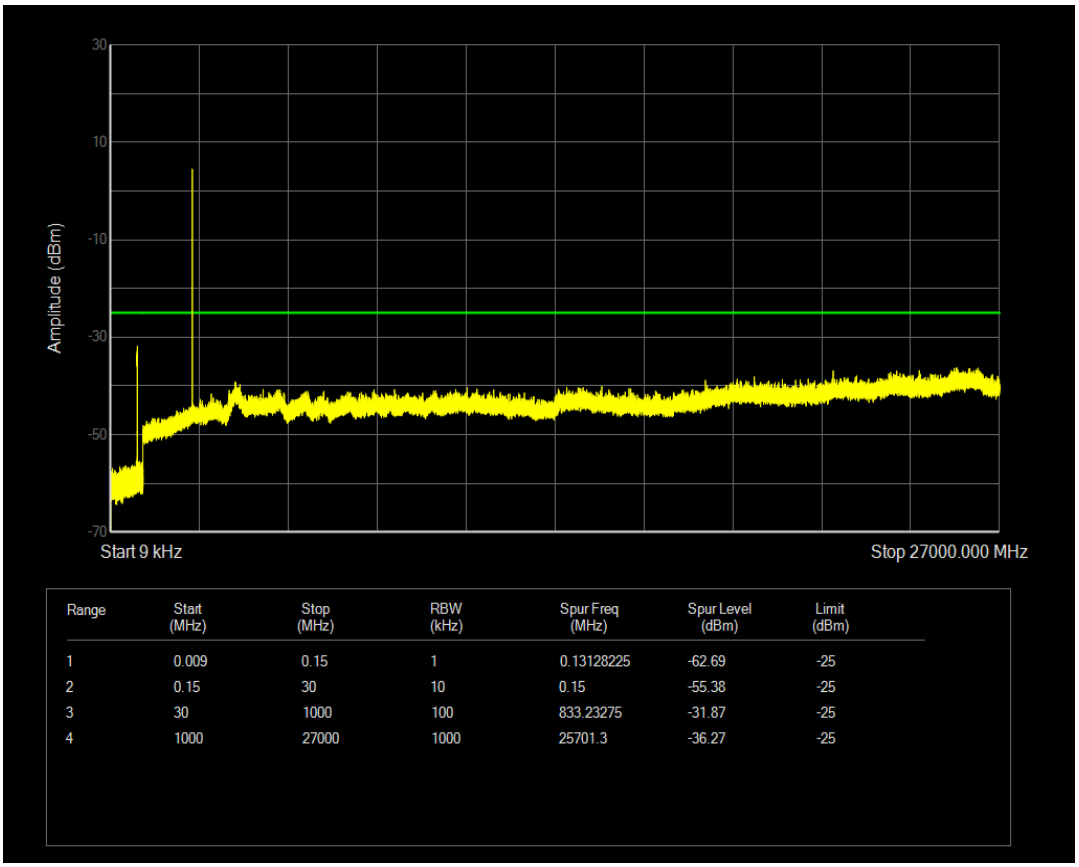
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0629748	-62.41	-25
2	0.15	30	10	0.1574625	-57.46	-25
3	30	1000	100	833.57225	-32.72	-25
4	1000	27000	1000	26068.55	-35.26	-25

n7 SCS=15kHz CP_QPSK BW=5MHz Channel=500500 RB=25@0



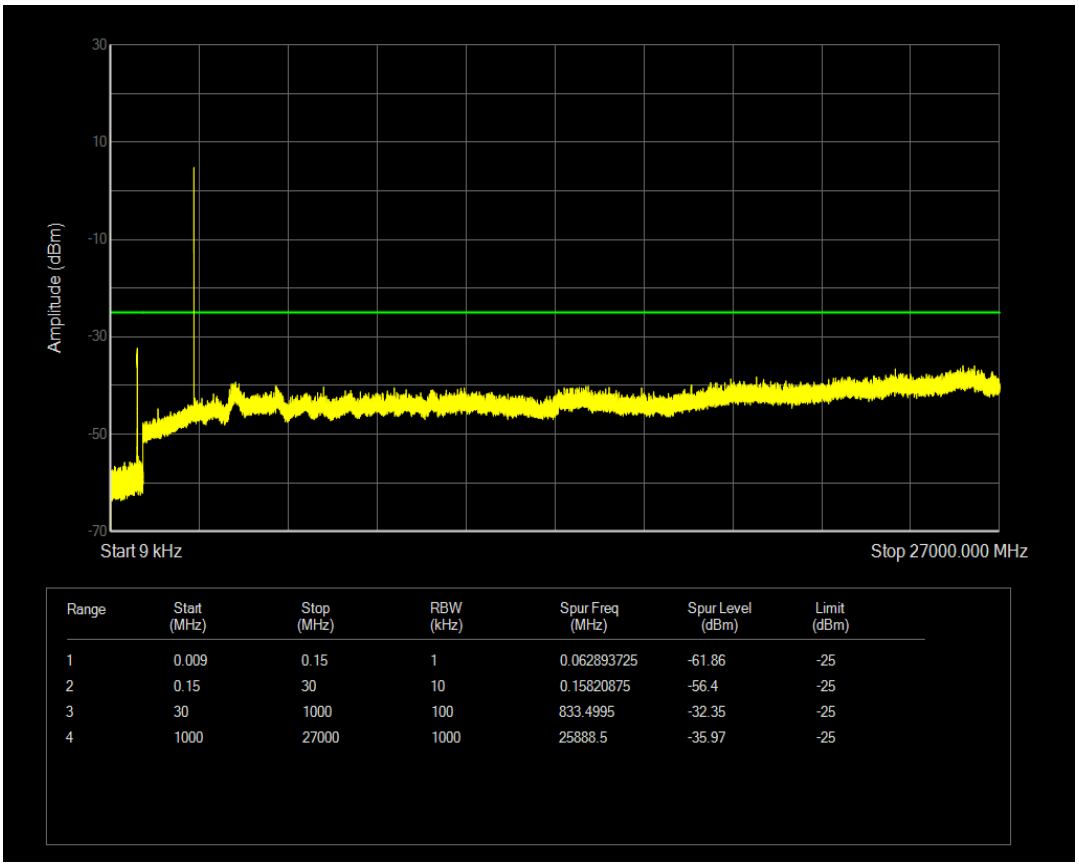
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.139943175	-62.74	-25
2	0.15	30	10	0.15	-56.98	-25
3	30	1000	100	833.42675	-33.46	-25
4	1000	27000	1000	26207	-35.63	-25

n7 SCS=15kHz CP_QPSK BW=5MHz Channel=500500 RB=1@0



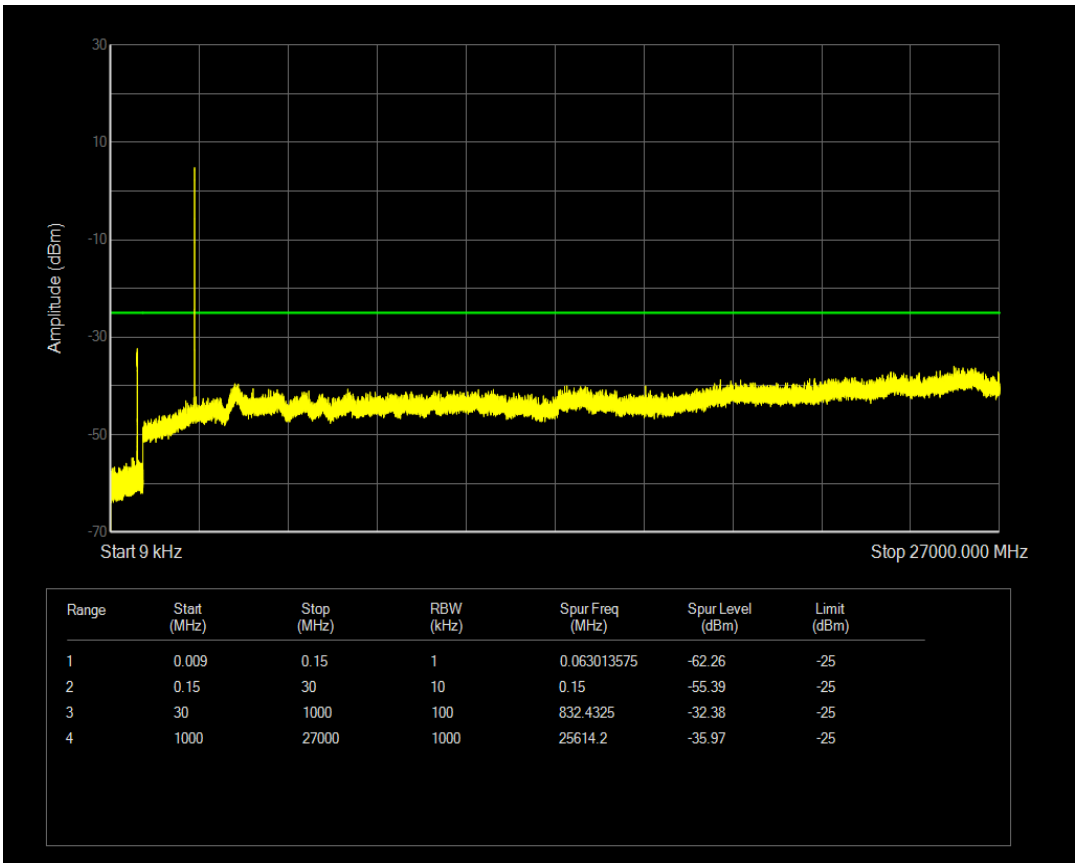
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.13128225	-62.69	-25
2	0.15	30	10	0.15	-55.38	-25
3	30	1000	100	833.23275	-31.87	-25
4	1000	27000	1000	25701.3	-36.27	-25

n7 SCS=15kHz CP_QPSK BW=20MHz Channel=512000 RB=1@0



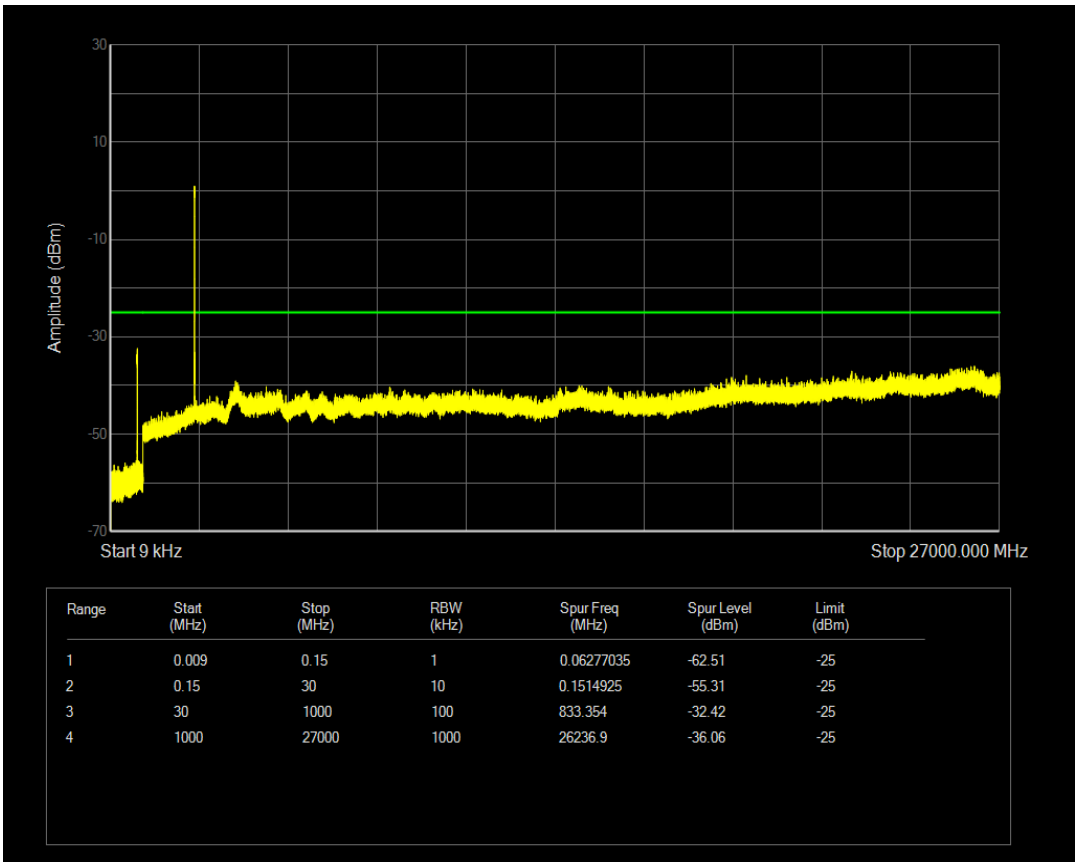
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.062893725	-61.86	-25
2	0.15	30	10	0.15820875	-56.4	-25
3	30	1000	100	833.4995	-32.35	-25
4	1000	27000	1000	25888.5	-35.97	-25

n7 SCS=15kHz CP_QPSK BW=20MHz Channel=512000 RB=1@105



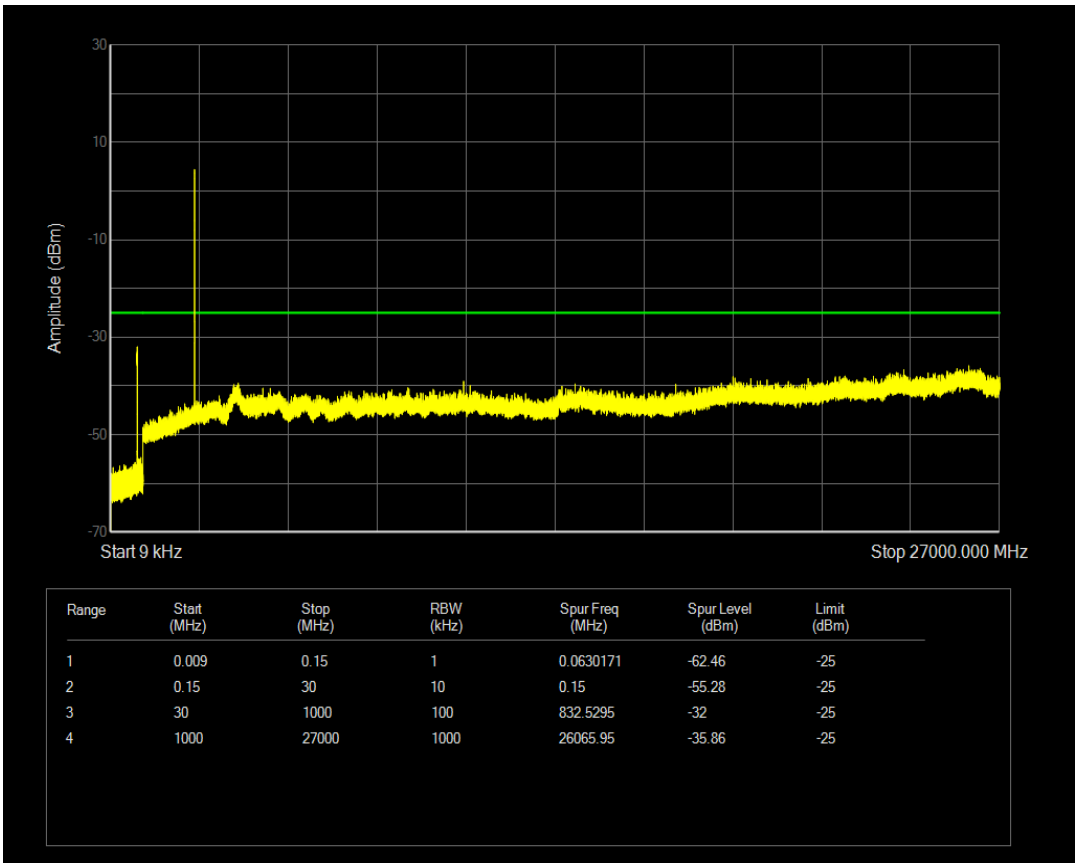
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.063013575	-62.26	-25
2	0.15	30	10	0.15	-55.39	-25
3	30	1000	100	832.4325	-32.38	-25
4	1000	27000	1000	25614.2	-35.97	-25

n7 SCS=15kHz CP_QPSK BW=5MHz Channel=513500 RB=25@0



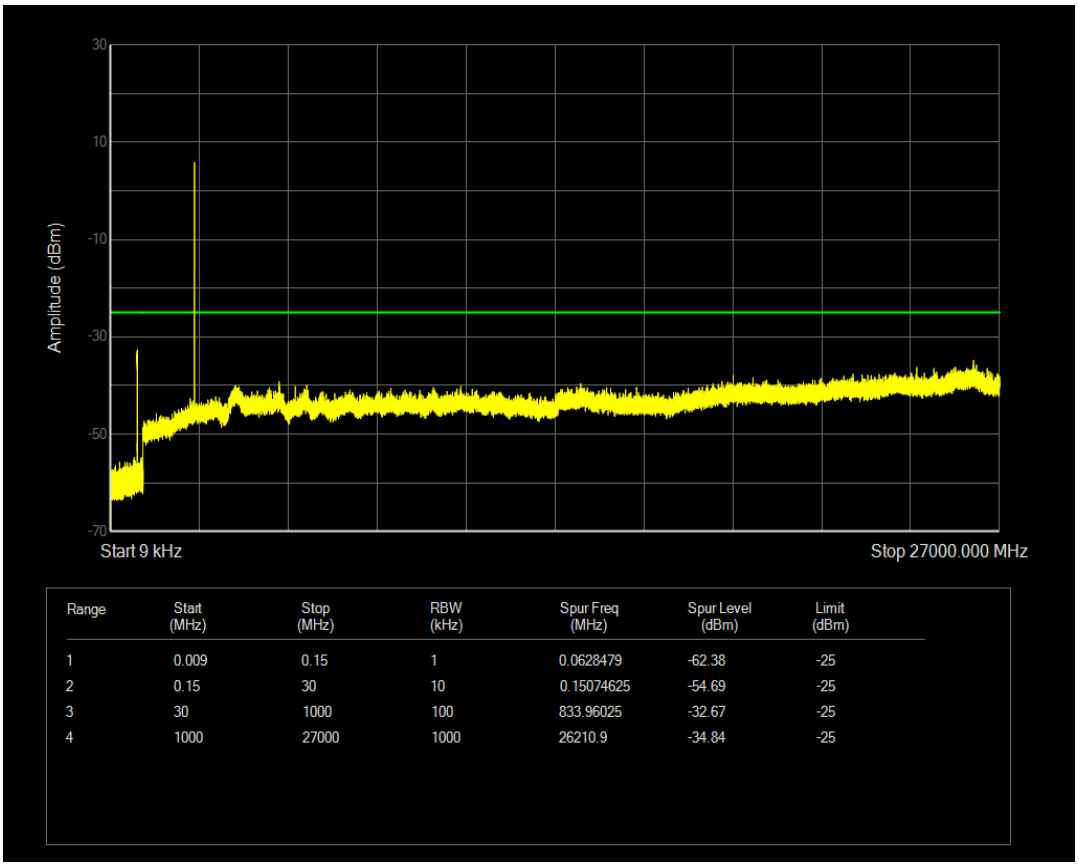
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.06277035	-62.51	-25
2	0.15	30	10	0.1514925	-55.31	-25
3	30	1000	100	833.354	-32.42	-25
4	1000	27000	1000	26236.9	-36.06	-25

n7 SCS=15kHz CP_QPSK BW=5MHz Channel=513500 RB=1@24



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0630171	-62.46	-25
2	0.15	30	10	0.15	-55.28	-25
3	30	1000	100	832.5295	-32	-25
4	1000	27000	1000	26065.95	-35.86	-25

n7 SCS=15kHz CP_QPSK BW=5MHz Channel=513500 RB=1@0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0628479	-62.38	-25
2	0.15	30	10	0.15074625	-54.69	-25
3	30	1000	100	833.96025	-32.67	-25
4	1000	27000	1000	26210.9	-34.84	-25