

Appendix B: Peak-to-Average Ratio for SA

Peak-to-Average Ratio(CCDF)

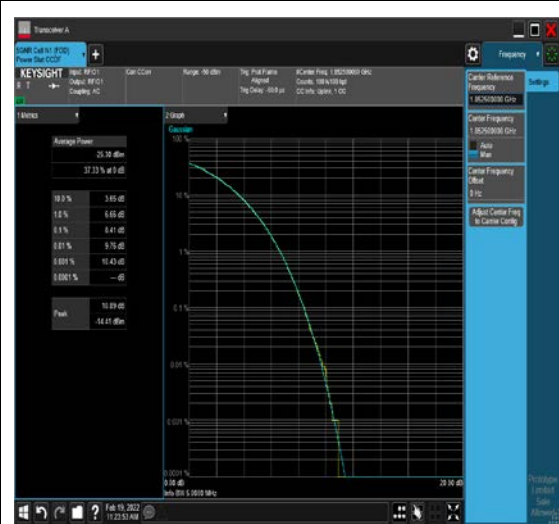
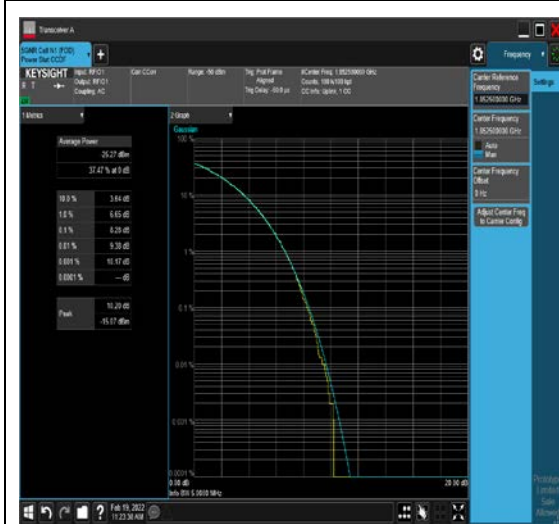
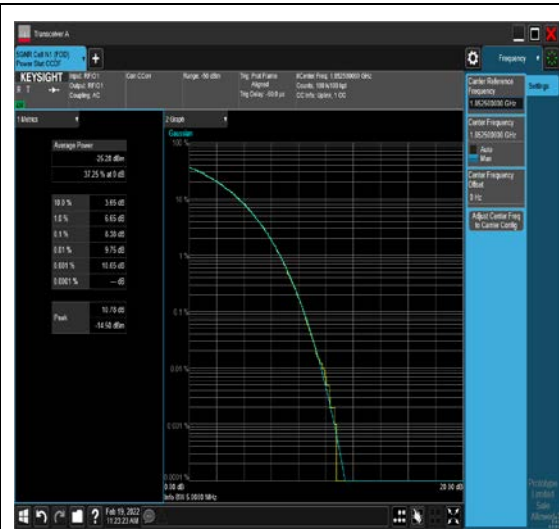
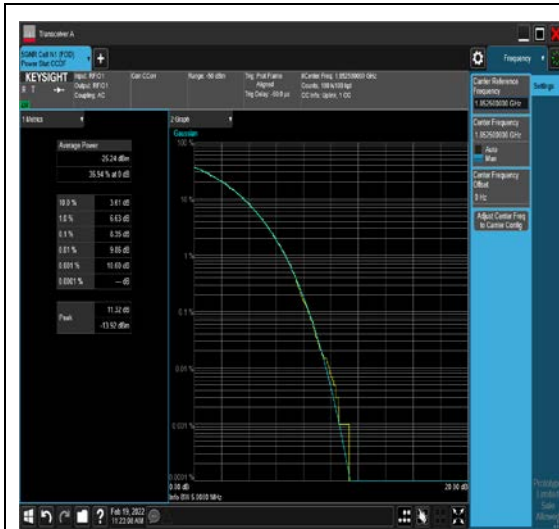
Test Result

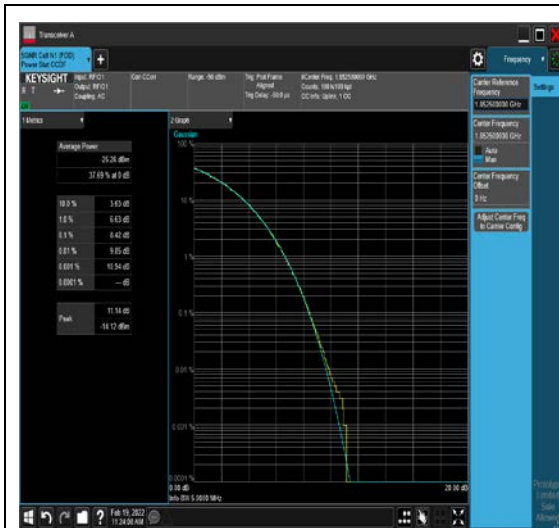
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N2	15	5	DFT-PI2BPSK	L	Outer_Full	8.35	≤13	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	8.38	≤13	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	8.28	≤13	PASS
N2	15	5	DFT-64QAM	L	Outer_Full	8.41	≤13	PASS
N2	15	5	DFT-256QAM	L	Outer_Full	8.42	≤13	PASS
N2	15	5	CP-QPSK	L	Outer_Full	8.27	≤13	PASS
N2	15	5	CP-16QAM	L	Outer_Full	8.54	≤13	PASS
N2	15	5	CP-64QAM	L	Outer_Full	8.43	≤13	PASS
N2	15	5	CP-256QAM	L	Outer_Full	8.39	≤13	PASS
N2	15	5	DFT-PI2BPSK	M	Outer_Full	8.46	≤13	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	8.38	≤13	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	8.38	≤13	PASS
N2	15	5	DFT-64QAM	M	Outer_Full	8.34	≤13	PASS
N2	15	5	DFT-256QAM	M	Outer_Full	8.40	≤13	PASS
N2	15	5	CP-QPSK	M	Outer_Full	8.40	≤13	PASS
N2	15	5	CP-16QAM	M	Outer_Full	8.40	≤13	PASS
N2	15	5	CP-64QAM	M	Outer_Full	8.38	≤13	PASS
N2	15	5	CP-256QAM	M	Outer_Full	8.34	≤13	PASS
N2	15	5	DFT-PI2BPSK	H	Outer_Full	8.37	≤13	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	8.32	≤13	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	8.24	≤13	PASS
N2	15	5	DFT-64QAM	H	Outer_Full	8.39	≤13	PASS
N2	15	5	DFT-256QAM	H	Outer_Full	8.37	≤13	PASS
N2	15	5	CP-QPSK	H	Outer_Full	8.47	≤13	PASS
N2	15	5	CP-16QAM	H	Outer_Full	8.35	≤13	PASS
N2	15	5	CP-64QAM	H	Outer_Full	8.42	≤13	PASS
N2	15	5	CP-256QAM	H	Outer_Full	8.39	≤13	PASS
N2	15	10	DFT-PI2BPSK	L	Outer_Full	8.47	≤13	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	8.33	≤13	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	8.35	≤13	PASS
N2	15	10	DFT-64QAM	L	Outer_Full	8.45	≤13	PASS
N2	15	10	DFT-256QAM	L	Outer_Full	8.43	≤13	PASS

N2	15	10	CP-QPSK	L	Outer_Full	8.45	≤13	PASS
N2	15	10	CP-16QAM	L	Outer_Full	8.43	≤13	PASS
N2	15	10	CP-64QAM	L	Outer_Full	8.46	≤13	PASS
N2	15	10	CP-256QAM	L	Outer_Full	8.33	≤13	PASS
N2	15	10	DFT-PI2BPSK	M	Outer_Full	8.46	≤13	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	8.51	≤13	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	8.40	≤13	PASS
N2	15	10	DFT-64QAM	M	Outer_Full	8.46	≤13	PASS
N2	15	10	DFT-256QAM	M	Outer_Full	8.38	≤13	PASS
N2	15	10	CP-QPSK	M	Outer_Full	8.46	≤13	PASS
N2	15	10	CP-16QAM	M	Outer_Full	8.37	≤13	PASS
N2	15	10	CP-64QAM	M	Outer_Full	8.44	≤13	PASS
N2	15	10	CP-256QAM	M	Outer_Full	8.33	≤13	PASS
N2	15	10	DFT-PI2BPSK	H	Outer_Full	8.41	≤13	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	8.44	≤13	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	8.41	≤13	PASS
N2	15	10	DFT-64QAM	H	Outer_Full	8.44	≤13	PASS
N2	15	10	DFT-256QAM	H	Outer_Full	8.44	≤13	PASS
N2	15	10	CP-QPSK	H	Outer_Full	8.50	≤13	PASS
N2	15	10	CP-16QAM	H	Outer_Full	8.29	≤13	PASS
N2	15	10	CP-64QAM	H	Outer_Full	8.36	≤13	PASS
N2	15	10	CP-256QAM	H	Outer_Full	8.31	≤13	PASS
N2	15	15	DFT-PI2BPSK	L	Outer_Full	8.40	≤13	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	8.39	≤13	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	8.28	≤13	PASS
N2	15	15	DFT-64QAM	L	Outer_Full	8.52	≤13	PASS
N2	15	15	DFT-256QAM	L	Outer_Full	8.40	≤13	PASS
N2	15	15	CP-QPSK	L	Outer_Full	8.46	≤13	PASS
N2	15	15	CP-16QAM	L	Outer_Full	8.40	≤13	PASS
N2	15	15	CP-64QAM	L	Outer_Full	8.36	≤13	PASS
N2	15	15	CP-256QAM	L	Outer_Full	8.45	≤13	PASS
N2	15	15	DFT-PI2BPSK	M	Outer_Full	8.47	≤13	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	8.36	≤13	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	8.39	≤13	PASS
N2	15	15	DFT-64QAM	M	Outer_Full	8.35	≤13	PASS
N2	15	15	DFT-256QAM	M	Outer_Full	8.30	≤13	PASS
N2	15	15	CP-QPSK	M	Outer_Full	8.30	≤13	PASS
N2	15	15	CP-16QAM	M	Outer_Full	8.37	≤13	PASS
N2	15	15	CP-64QAM	M	Outer_Full	8.34	≤13	PASS
N2	15	15	CP-256QAM	M	Outer_Full	8.38	≤13	PASS
N2	15	15	DFT-PI2BPSK	H	Outer_Full	8.39	≤13	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	8.47	≤13	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	8.38	≤13	PASS

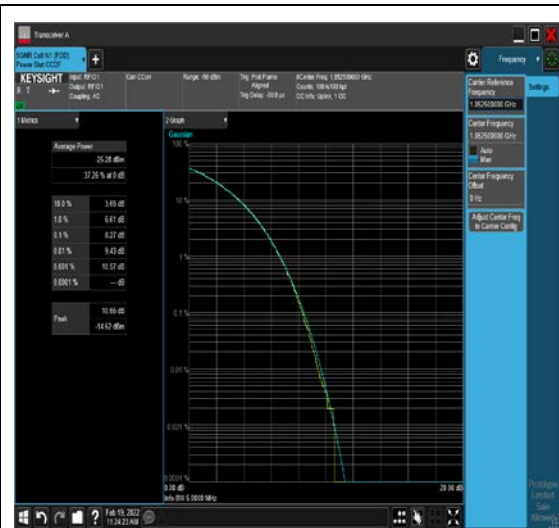
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N2	15	15	DFT-256QAM	H	Outer_Full	8.39	≤13	PASS
N2	15	15	CP-QPSK	H	Outer_Full	8.40	≤13	PASS
N2	15	15	CP-16QAM	H	Outer_Full	8.51	≤13	PASS
N2	15	15	CP-64QAM	H	Outer_Full	8.47	≤13	PASS
N2	15	15	CP-256QAM	H	Outer_Full	8.37	≤13	PASS
N2	15	20	DFT-PI2BPSK	L	Outer_Full	8.29	≤13	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	8.43	≤13	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	8.40	≤13	PASS
N2	15	20	DFT-64QAM	L	Outer_Full	8.39	≤13	PASS
N2	15	20	DFT-256QAM	L	Outer_Full	8.38	≤13	PASS
N2	15	20	CP-QPSK	L	Outer_Full	8.40	≤13	PASS
N2	15	20	CP-16QAM	L	Outer_Full	8.50	≤13	PASS
N2	15	20	CP-64QAM	L	Outer_Full	8.38	≤13	PASS
N2	15	20	CP-256QAM	L	Outer_Full	8.37	≤13	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	8.36	≤13	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	8.38	≤13	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	8.51	≤13	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	8.48	≤13	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	8.36	≤13	PASS
N2	15	20	CP-QPSK	M	Outer_Full	8.43	≤13	PASS
N2	15	20	CP-16QAM	M	Outer_Full	8.42	≤13	PASS
N2	15	20	CP-64QAM	M	Outer_Full	8.50	≤13	PASS
N2	15	20	CP-256QAM	M	Outer_Full	8.39	≤13	PASS
N2	15	20	DFT-PI2BPSK	H	Outer_Full	8.49	≤13	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	8.44	≤13	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	8.40	≤13	PASS
N2	15	20	DFT-64QAM	H	Outer_Full	8.44	≤13	PASS
N2	15	20	DFT-256QAM	H	Outer_Full	8.38	≤13	PASS
N2	15	20	CP-QPSK	H	Outer_Full	8.42	≤13	PASS
N2	15	20	CP-16QAM	H	Outer_Full	8.46	≤13	PASS
N2	15	20	CP-64QAM	H	Outer_Full	8.45	≤13	PASS
N2	15	20	CP-256QAM	H	Outer_Full	8.26	≤13	PASS

Test Graphs

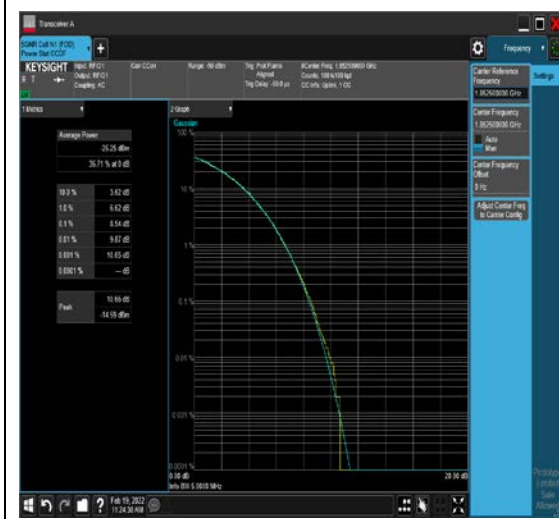




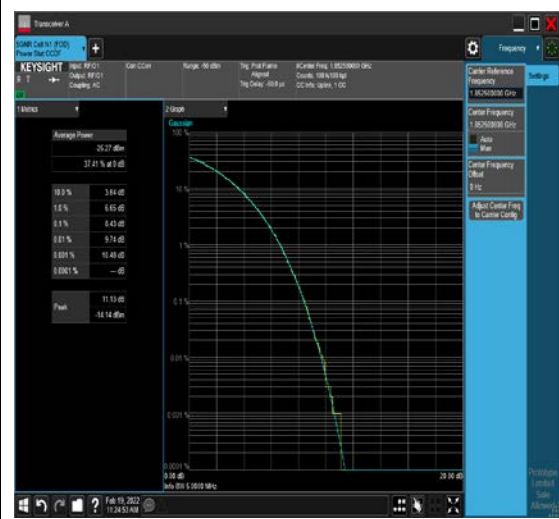
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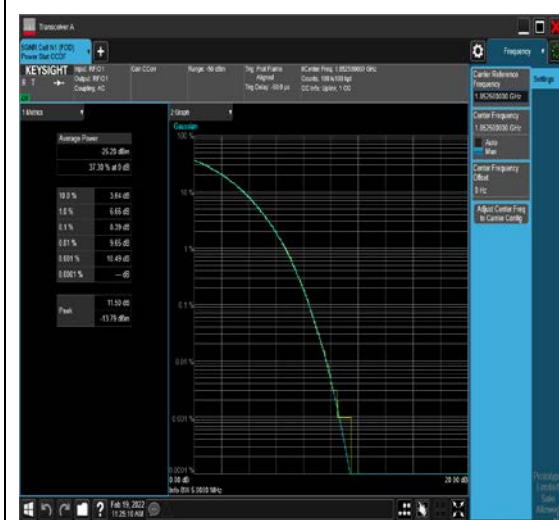
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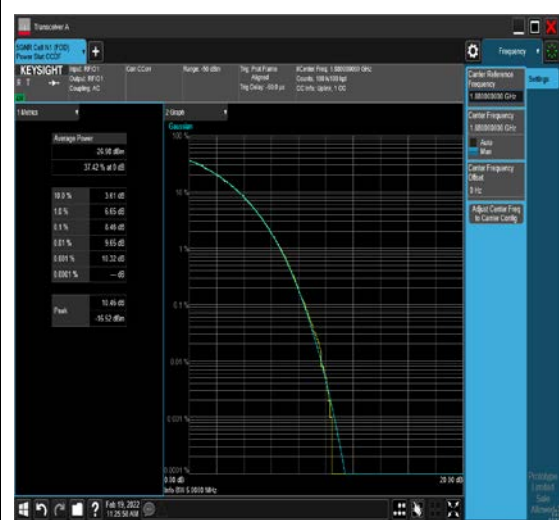
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5@0-8.54-100%-0.00-8.54-PASS≤13



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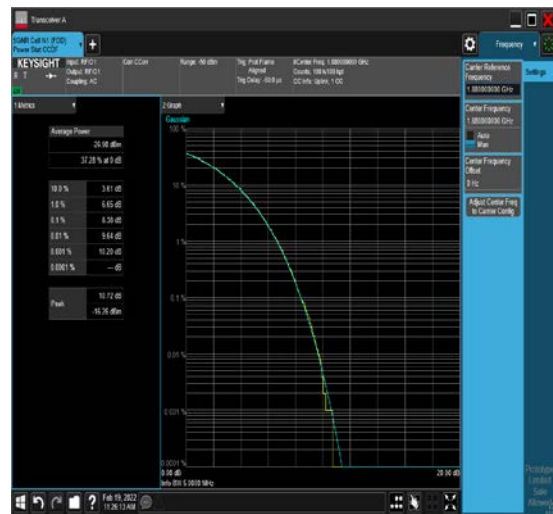


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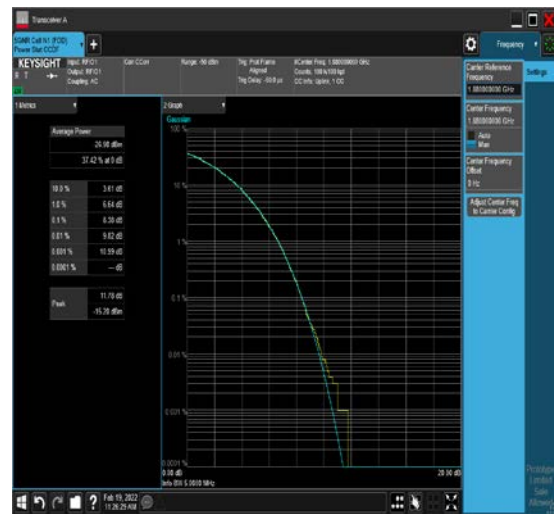


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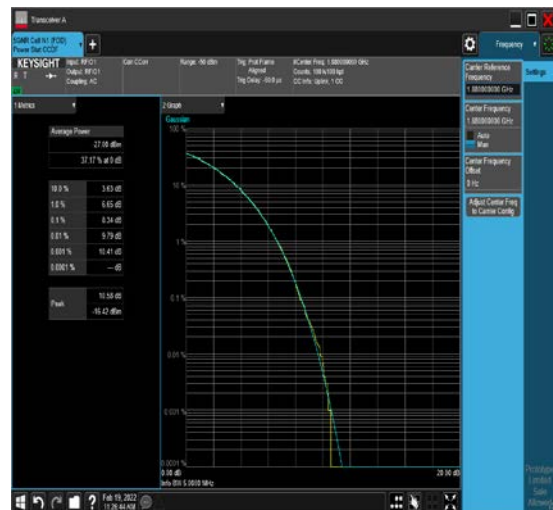
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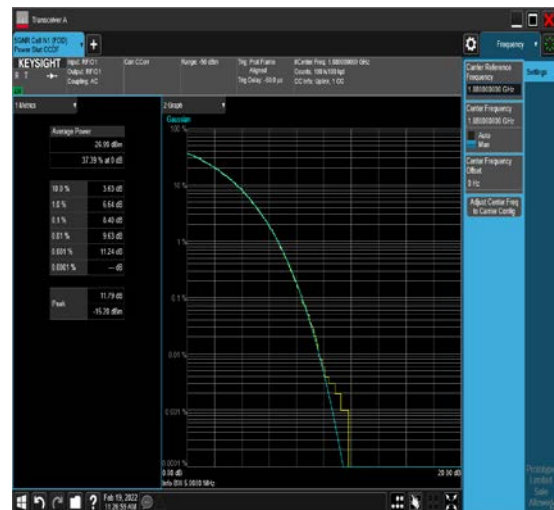
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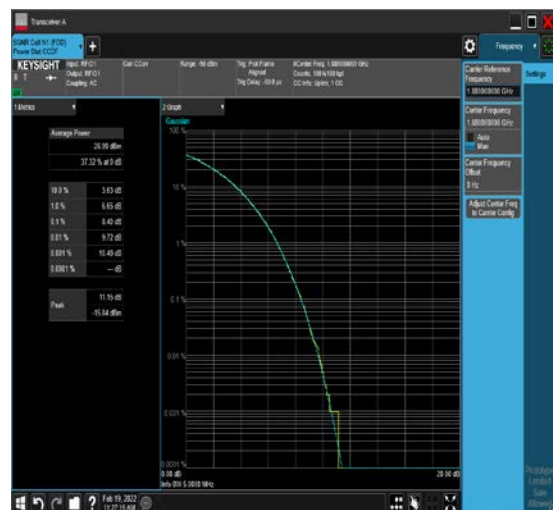
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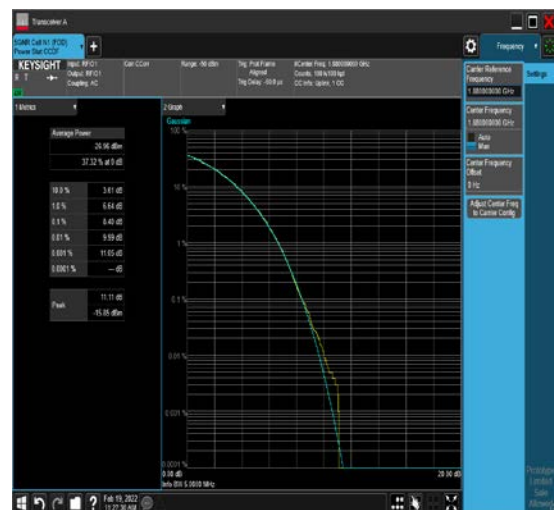
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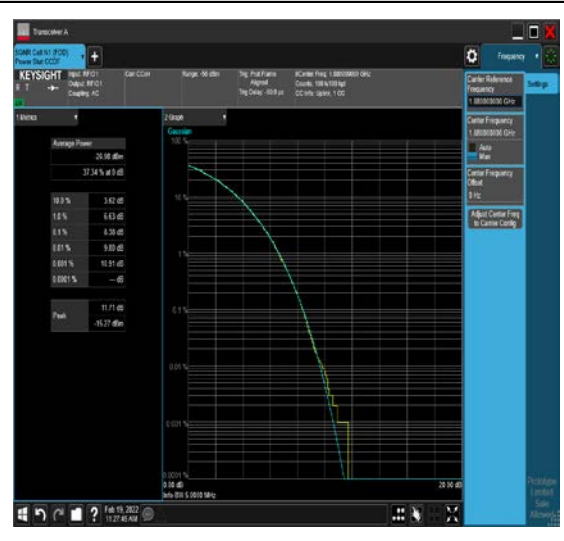
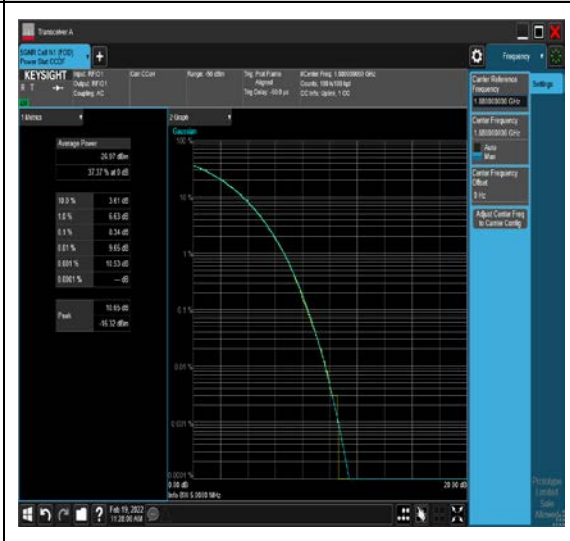
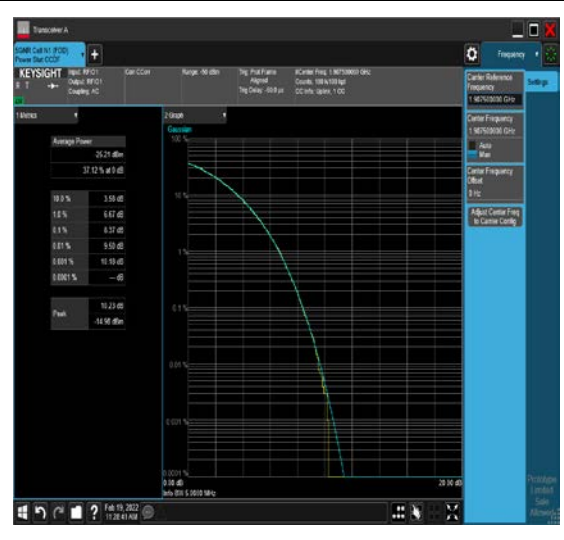
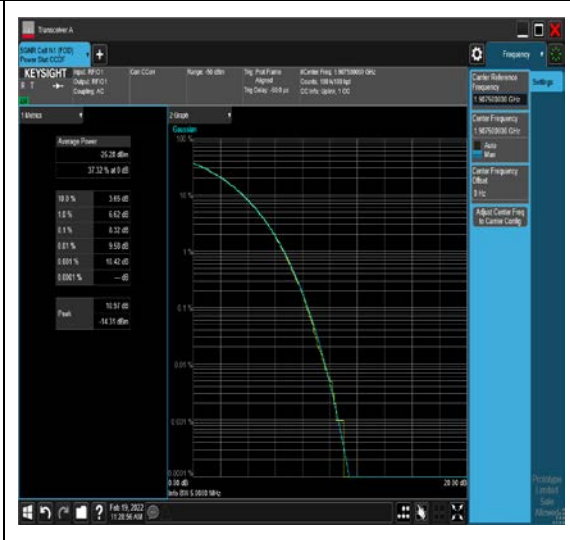


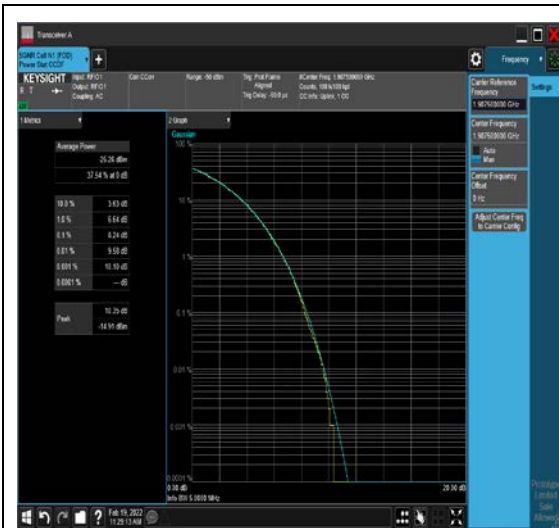
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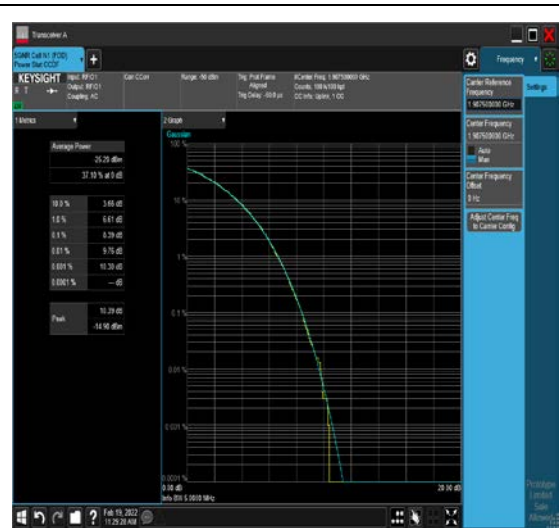
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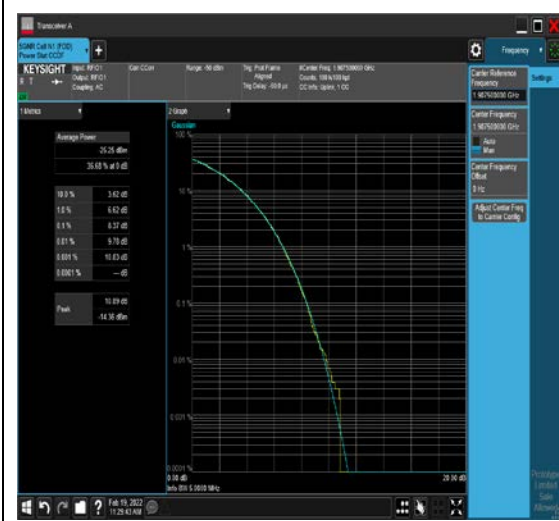
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1-N2-PC3-15-5-M-8-CP-64QAM-Outer_Full-2 5@0-8.38-100%-0.00-8.38-PASS≤13	1-N2-PC3-15-5-M-9-CP-256QAM-Outer_Full- 25@0-8.34-100%-0.00-8.34-PASS≤13
	
1-N2-PC3-15-5-H-1-DFT-PI2BPSK-Outer_Fu ll-25@0-8.37-100%-0.00-8.37-PASS≤13	1-N2-PC3-15-5-H-2-DFT-QPSK-Outer_Full-2 5@0-8.32-100%-0.00-8.32-PASS≤13



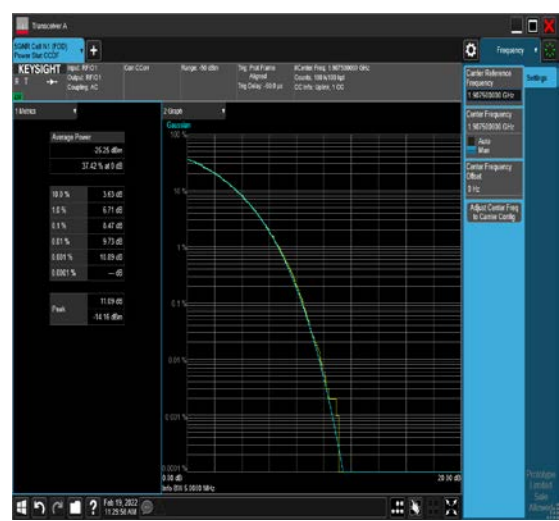
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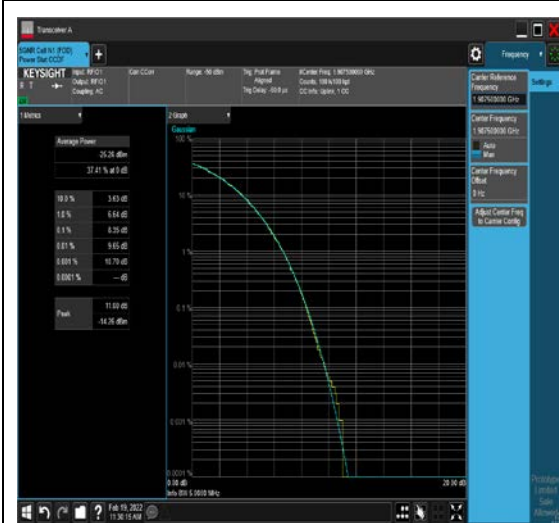
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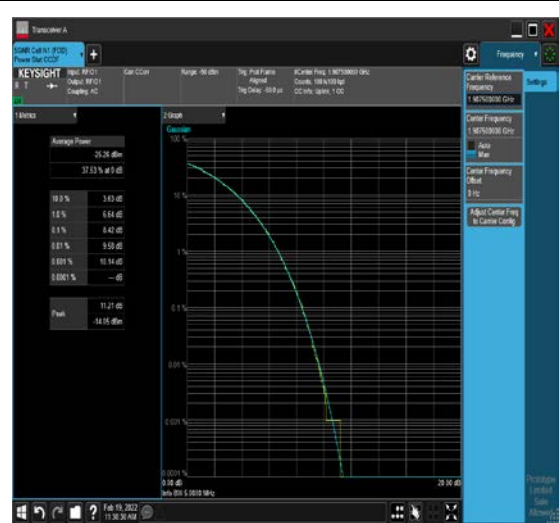
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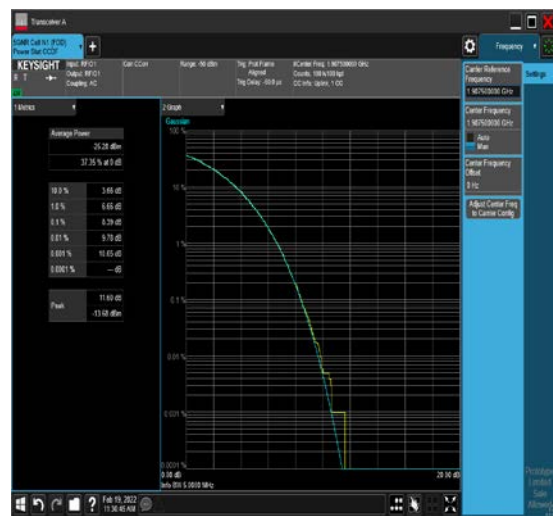


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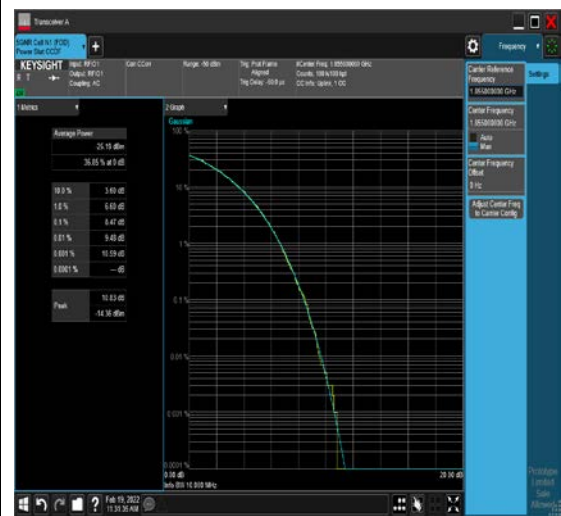


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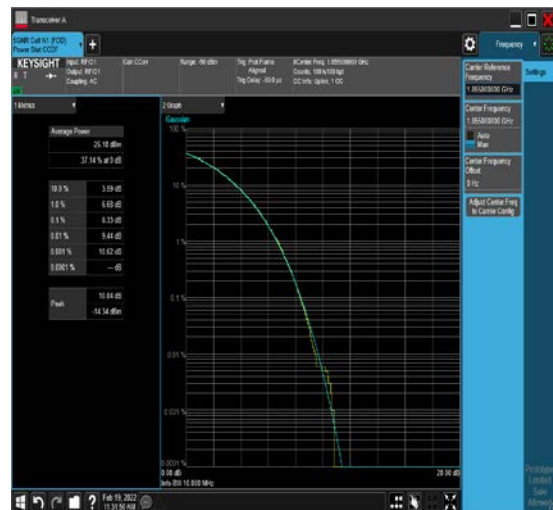
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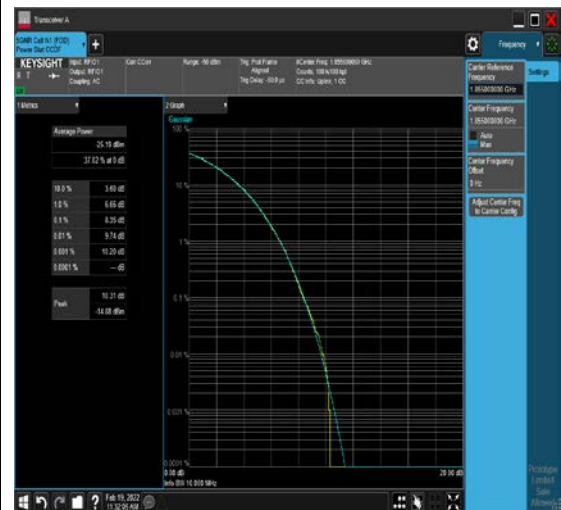
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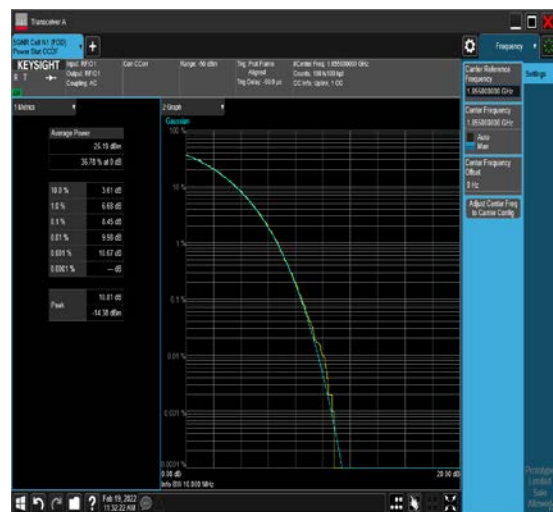
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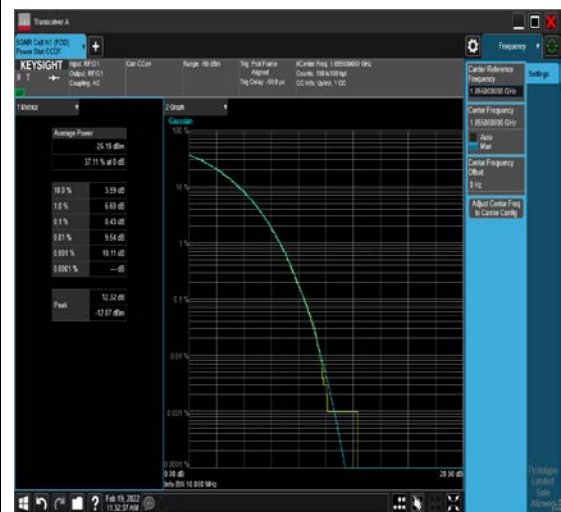
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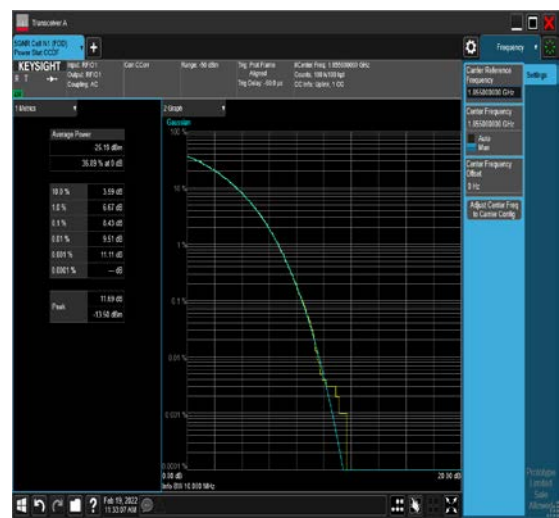
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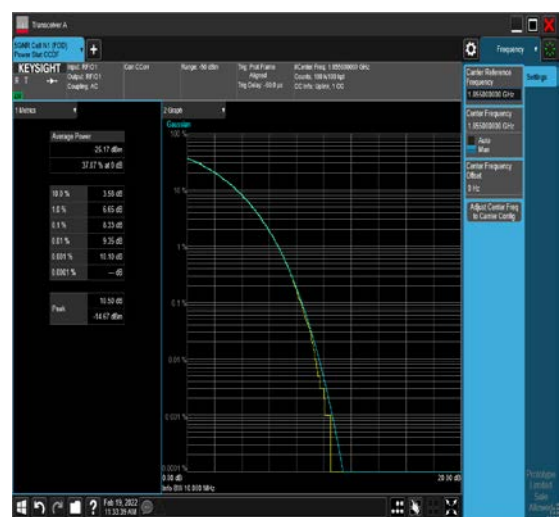
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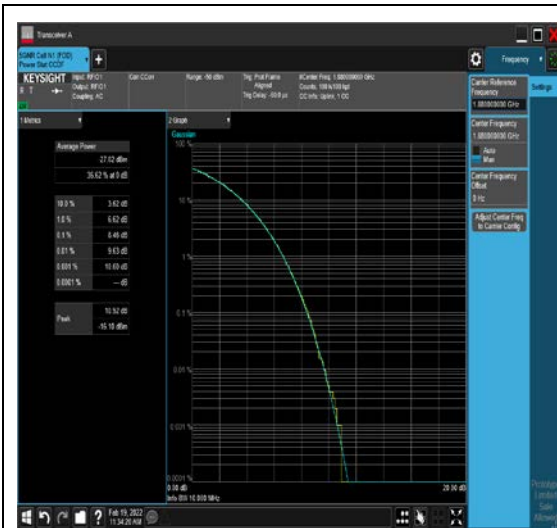
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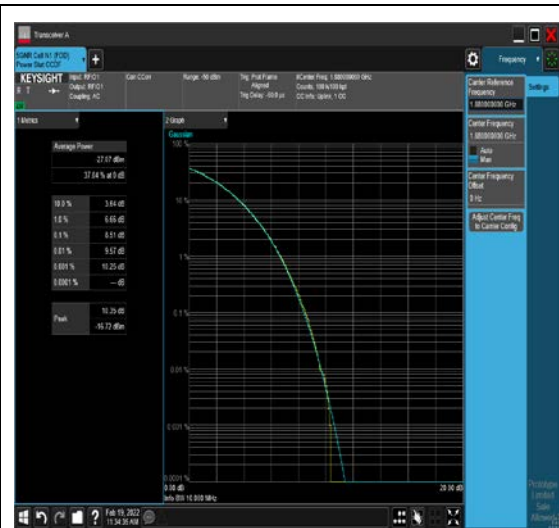
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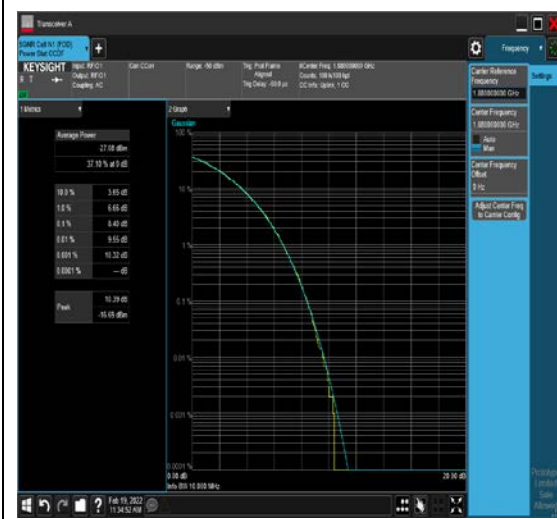
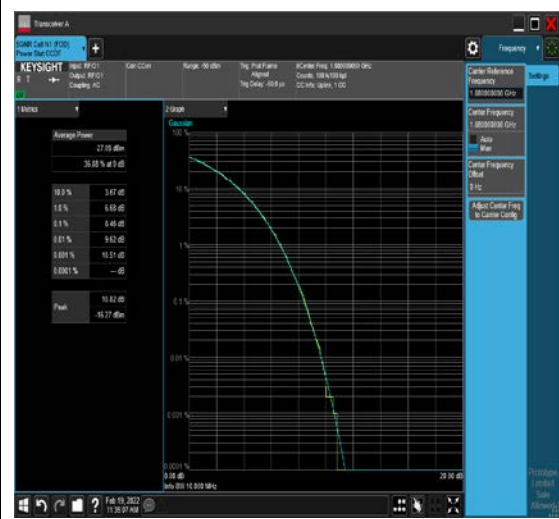
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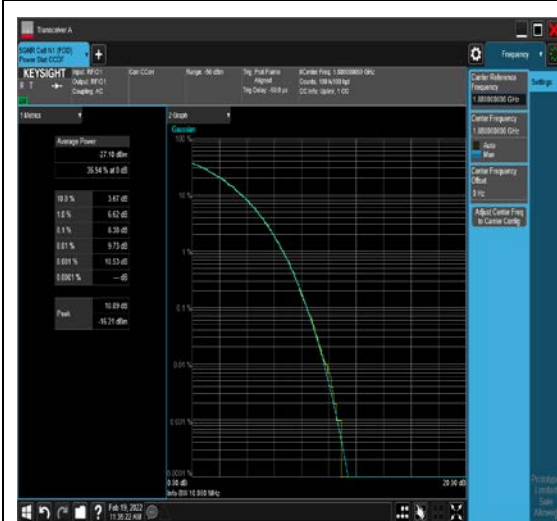
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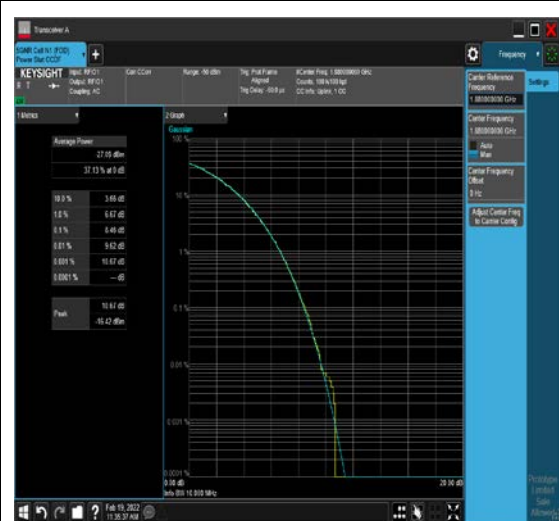
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1-N2-PC3-15-10-M-3-DFT-16QAM-Outer_Full
I-50@0-8.40-100%-0.00-8.40-PASS-≤13

1-N2-PC3-15-10-M-4-DFT-64QAM-Outer_Ful
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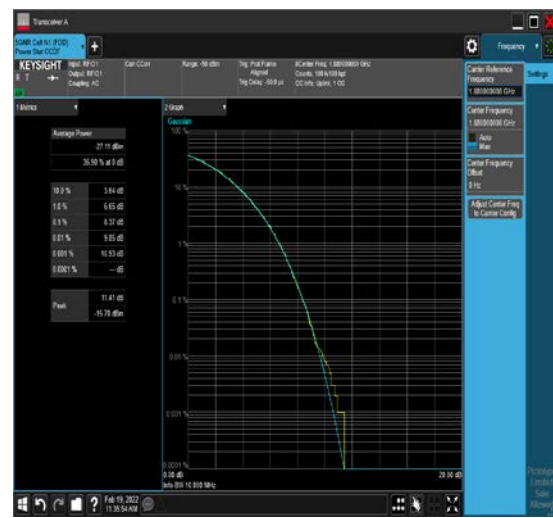


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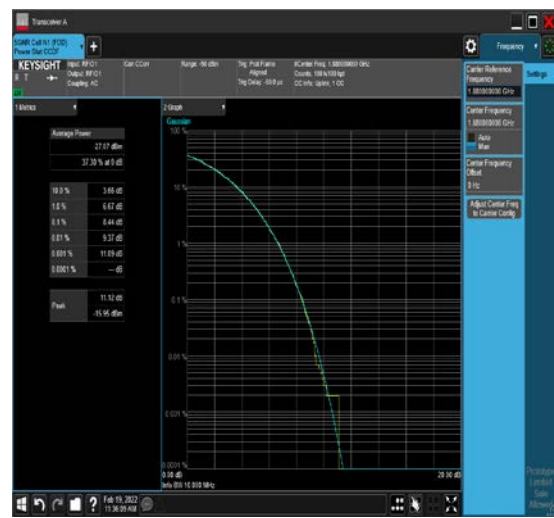


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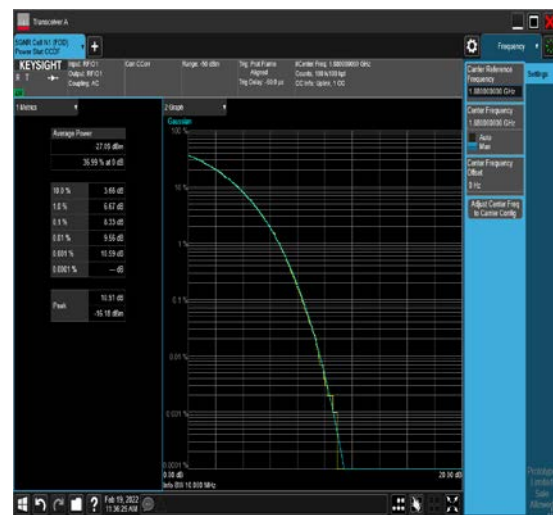
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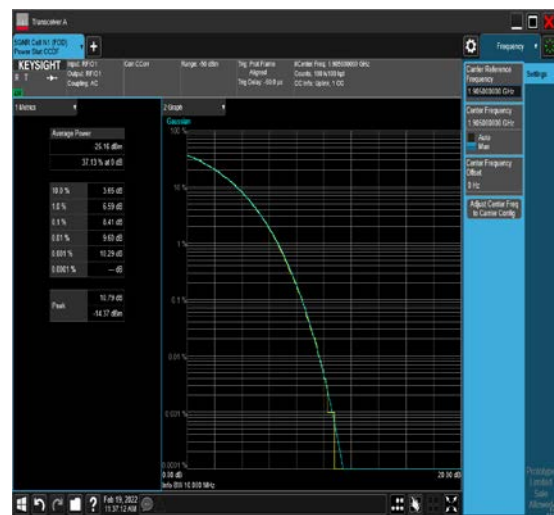
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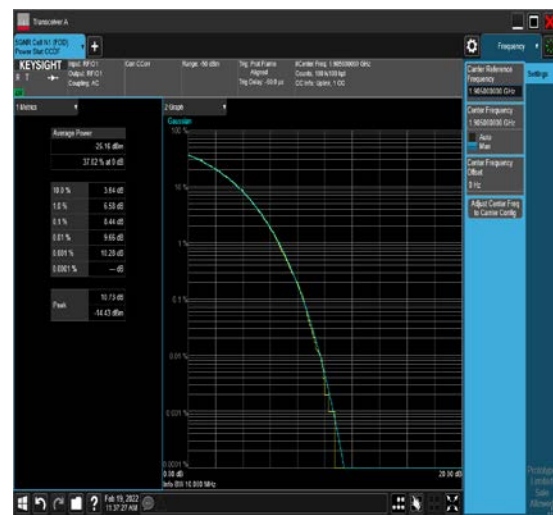
1-N2-PC3-15-10-M-7-CP-16QAM-Outer_Full-52@0-8.37-100%-0.00-8.37-PASS-≤13



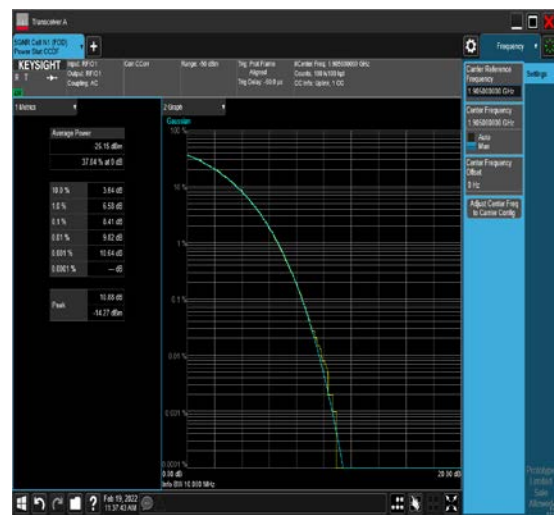
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1-N2-PC3-15-10-M-9-CP-256QAM-Outer_Full-52@0-8.33-100%-0.00-8.33-PASS-≤13



1-N2-PC3-15-10-H-1-DFT-PI2BPSK-Outer_Full-50@0-8.41-100%-0.00-8.41-PASS-≤13



1-N2-PC3-15-10-H-2-DFT-QPSK-Outer_Full-50@0-8.44-100%-0.00-8.44-PASS-≤13

1-N2-PC3-15-10-H-3-DFT-16QAM-Outer_Full-50@0-8.41-100%-0.00-8.41-PASS-≤13

1-N2-PC3-15-10-H-4-DFT-64QAM-Outer_Full-50@0-8.44-100%-0.00-8.44-PASS-≤13

1-N2-PC3-15-10-H-5-DFT-256QAM-Outer_Full-50@0-8.44-100%-0.00-8.44-PASS-≤13

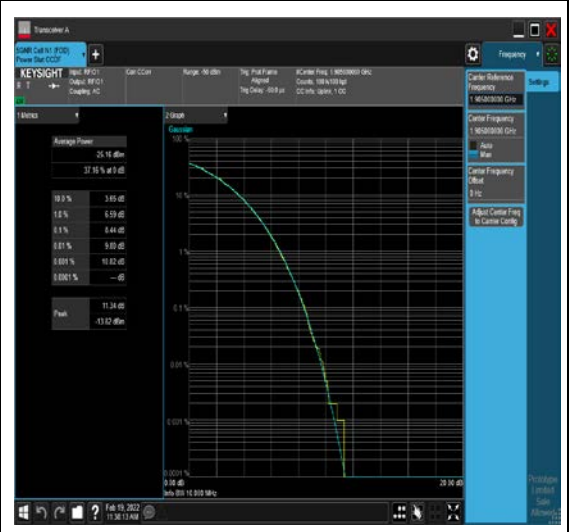
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1-N2-PC3-15-10-H-7-CP-16QAM-Outer_Full-52@0-8.29-100%-0.00-8.29-PASS-≤13

1-N2-PC3-15-10-H-3-DFT-16QAM-Outer_Full
I-50@0-8.41-100%-0.00-8.41-PASS-≤13

1-N2-PC3-15-10-H-5-DFT-256QAM-Outer_Full
ull-50@0-8.44-100%-0.00-8.44-PASS-≤13

1-N2-PC3-15-10-H-7-CP-16QAM-Outer_Full-52@0-8.29-100%-0.00-8.29-PASS-≤13



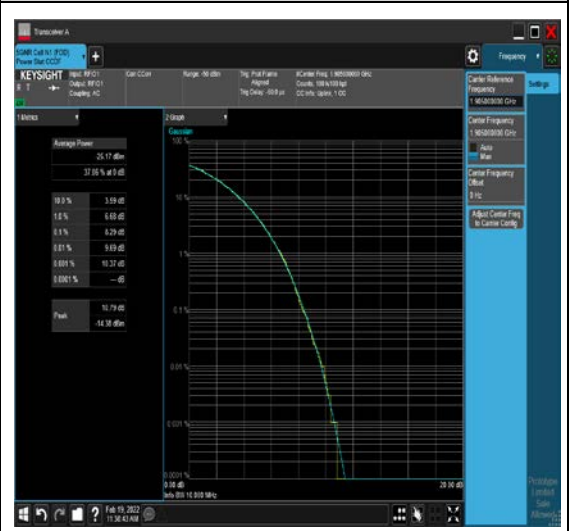
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1-N2-PC3-15-10-H-5-DFT-256QAM-Outer_Full-50@0-8.44-100%-0.00-8.44-PASS-≤13

1-N2-PC3-15-10-H-6-CP-QPSK-Outer_Full-52@0-8.50-100%-0.00-8.50-PASS-≤13

1-N2-PC3-15-10-H-7-CP-16QAM-Outer_Full-52@0-8.29-100%-0.00-8.29-PASS-≤13

1-N2-PC3-15-10-H-5-DFT-256QAM-Outer_Full-50@0-8.44-100%-0.00-8.44-PASS-≤13



1-N2-PC3-15-10-H-6-CP-QPSK-Outter_Full-5 2@0-8.50-100%-0.00-8.50-PASS-≤13	1-N2-PC3-15-10-H-7-CP-16QAM-Outter_Full- 52@0-8.29-100%-0.00-8.29-PASS-≤13
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1-N2-PC3-15-10-H-7-CP-16QAM-Outer_Full-52@0-8.29-100%-0.00-8.29-PASS-≤13
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