

LTE Test Data

General Description of EUT	
Product Name:	Smart POS Payment Terminal
Test Model:	CM30
Sample ID:	202311-0170-7-2#
Environmental Conditions	
Temperature:	25℃
Relative Humidity:	55%
Test Voltage:	DC 24V
Test Engineer:	Yan zhen ming
Note: For a more detailed features description, please refer to the report TBR-C-202311-0170-86 . The report only show the worst case data.	

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1. Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
41(2535-2655)	5MHz	QPSK	40065	1RB#0	15.61	PASS
41(2535-2655)	5MHz	16QAM	40065	1RB#0	15.00	PASS
41(2535-2655)	5MHz	QPSK	40065	1RB#12	15.71	PASS
41(2535-2655)	5MHz	16QAM	40065	1RB#12	15.15	PASS
41(2535-2655)	5MHz	QPSK	40065	1RB#24	15.64	PASS
41(2535-2655)	5MHz	16QAM	40065	1RB#24	15.05	PASS
41(2535-2655)	5MHz	QPSK	40065	12RB#0	14.82	PASS
41(2535-2655)	5MHz	16QAM	40065	12RB#0	13.68	PASS
41(2535-2655)	5MHz	QPSK	40065	12RB#6	14.82	PASS
41(2535-2655)	5MHz	16QAM	40065	12RB#6	13.69	PASS
41(2535-2655)	5MHz	QPSK	40065	12RB#13	14.81	PASS
41(2535-2655)	5MHz	16QAM	40065	12RB#13	13.76	PASS
41(2535-2655)	5MHz	QPSK	40065	25RB#0	14.76	PASS
41(2535-2655)	5MHz	16QAM	40065	25RB#0	13.80	PASS
41(2535-2655)	5MHz	QPSK	40590	1RB#0	23.66	PASS
41(2535-2655)	5MHz	16QAM	40590	1RB#0	22.81	PASS
41(2535-2655)	5MHz	QPSK	40590	1RB#12	23.83	PASS
41(2535-2655)	5MHz	16QAM	40590	1RB#12	22.88	PASS
41(2535-2655)	5MHz	QPSK	40590	1RB#24	23.72	PASS
41(2535-2655)	5MHz	16QAM	40590	1RB#24	22.85	PASS
41(2535-2655)	5MHz	QPSK	40590	12RB#0	22.81	PASS
41(2535-2655)	5MHz	16QAM	40590	12RB#0	21.84	PASS
41(2535-2655)	5MHz	QPSK	40590	12RB#6	22.80	PASS
41(2535-2655)	5MHz	16QAM	40590	12RB#6	21.82	PASS
41(2535-2655)	5MHz	QPSK	40590	12RB#13	22.85	PASS
41(2535-2655)	5MHz	16QAM	40590	12RB#13	21.88	PASS
41(2535-2655)	5MHz	QPSK	40590	25RB#0	22.82	PASS
41(2535-2655)	5MHz	16QAM	40590	25RB#0	21.85	PASS
41(2535-2655)	5MHz	QPSK	41215	1RB#0	23.70	PASS
41(2535-2655)	5MHz	16QAM	41215	1RB#0	22.93	PASS
41(2535-2655)	5MHz	QPSK	41215	1RB#12	23.73	PASS
41(2535-2655)	5MHz	16QAM	41215	1RB#12	23.03	PASS
41(2535-2655)	5MHz	QPSK	41215	1RB#24	23.61	PASS
41(2535-2655)	5MHz	16QAM	41215	1RB#24	22.89	PASS
41(2535-2655)	5MHz	QPSK	41215	12RB#0	22.71	PASS
41(2535-2655)	5MHz	16QAM	41215	12RB#0	21.69	PASS
41(2535-2655)	5MHz	QPSK	41215	12RB#6	22.77	PASS
41(2535-2655)	5MHz	16QAM	41215	12RB#6	21.67	PASS
41(2535-2655)	5MHz	QPSK	41215	12RB#13	22.64	PASS

41(2535-2655)	5MHz	16QAM	41215	12RB#13	21.62	PASS
41(2535-2655)	5MHz	QPSK	41215	25RB#0	22.70	PASS
41(2535-2655)	5MHz	16QAM	41215	25RB#0	21.71	PASS
41(2535-2655)	10MHz	QPSK	40090	1RB#0	15.84	PASS
41(2535-2655)	10MHz	16QAM	40090	1RB#0	15.05	PASS
41(2535-2655)	10MHz	QPSK	40090	1RB#24	16.09	PASS
41(2535-2655)	10MHz	16QAM	40090	1RB#24	15.30	PASS
41(2535-2655)	10MHz	QPSK	40090	1RB#49	15.97	PASS
41(2535-2655)	10MHz	16QAM	40090	1RB#49	15.14	PASS
41(2535-2655)	10MHz	QPSK	40090	25RB#0	14.81	PASS
41(2535-2655)	10MHz	16QAM	40090	25RB#0	13.86	PASS
41(2535-2655)	10MHz	QPSK	40090	25RB#12	14.83	PASS
41(2535-2655)	10MHz	16QAM	40090	25RB#12	13.88	PASS
41(2535-2655)	10MHz	QPSK	40090	25RB#25	14.97	PASS
41(2535-2655)	10MHz	16QAM	40090	25RB#25	14.07	PASS
41(2535-2655)	10MHz	QPSK	40090	50RB#0	14.90	PASS
41(2535-2655)	10MHz	16QAM	40090	50RB#0	13.89	PASS
41(2535-2655)	10MHz	QPSK	40590	1RB#0	23.86	PASS
41(2535-2655)	10MHz	16QAM	40590	1RB#0	22.51	PASS
41(2535-2655)	10MHz	QPSK	40590	1RB#24	24.10	PASS
41(2535-2655)	10MHz	16QAM	40590	1RB#24	22.76	PASS
41(2535-2655)	10MHz	QPSK	40590	1RB#49	23.91	PASS
41(2535-2655)	10MHz	16QAM	40590	1RB#49	22.60	PASS
41(2535-2655)	10MHz	QPSK	40590	25RB#0	22.88	PASS
41(2535-2655)	10MHz	16QAM	40590	25RB#0	21.89	PASS
41(2535-2655)	10MHz	QPSK	40590	25RB#12	22.89	PASS
41(2535-2655)	10MHz	16QAM	40590	25RB#12	21.89	PASS
41(2535-2655)	10MHz	QPSK	40590	25RB#25	22.96	PASS
41(2535-2655)	10MHz	16QAM	40590	25RB#25	21.97	PASS
41(2535-2655)	10MHz	QPSK	40590	50RB#0	22.95	PASS
41(2535-2655)	10MHz	16QAM	40590	50RB#0	22.00	PASS
41(2535-2655)	10MHz	QPSK	41190	1RB#0	23.83	PASS
41(2535-2655)	10MHz	16QAM	41190	1RB#0	23.03	PASS
41(2535-2655)	10MHz	QPSK	41190	1RB#24	24.03	PASS
41(2535-2655)	10MHz	16QAM	41190	1RB#24	23.15	PASS
41(2535-2655)	10MHz	QPSK	41190	1RB#49	23.77	PASS
41(2535-2655)	10MHz	16QAM	41190	1RB#49	22.86	PASS
41(2535-2655)	10MHz	QPSK	41190	25RB#0	22.82	PASS
41(2535-2655)	10MHz	16QAM	41190	25RB#0	21.92	PASS
41(2535-2655)	10MHz	QPSK	41190	25RB#12	22.82	PASS
41(2535-2655)	10MHz	16QAM	41190	25RB#12	21.90	PASS
41(2535-2655)	10MHz	QPSK	41190	25RB#25	22.68	PASS
41(2535-2655)	10MHz	16QAM	41190	25RB#25	21.74	PASS
41(2535-2655)	10MHz	QPSK	41190	50RB#0	22.73	PASS

41(2535-2655)	10MHz	16QAM	41190	50RB#0	21.75	PASS
41(2535-2655)	15MHz	QPSK	40115	1RB#0	15.74	PASS
41(2535-2655)	15MHz	16QAM	40115	1RB#0	14.94	PASS
41(2535-2655)	15MHz	QPSK	40115	1RB#38	15.89	PASS
41(2535-2655)	15MHz	16QAM	40115	1RB#38	15.12	PASS
41(2535-2655)	15MHz	QPSK	40115	1RB#74	15.91	PASS
41(2535-2655)	15MHz	16QAM	40115	1RB#74	15.13	PASS
41(2535-2655)	15MHz	QPSK	40115	38RB#0	14.86	PASS
41(2535-2655)	15MHz	16QAM	40115	38RB#0	14.84	PASS
41(2535-2655)	15MHz	QPSK	40115	38RB#18	14.82	PASS
41(2535-2655)	15MHz	16QAM	40115	38RB#18	14.84	PASS
41(2535-2655)	15MHz	QPSK	40115	38RB#37	14.85	PASS
41(2535-2655)	15MHz	16QAM	40115	38RB#37	14.84	PASS
41(2535-2655)	15MHz	QPSK	40115	75RB#0	14.87	PASS
41(2535-2655)	15MHz	16QAM	40115	75RB#0	13.85	PASS
41(2535-2655)	15MHz	QPSK	40590	1RB#0	23.82	PASS
41(2535-2655)	15MHz	16QAM	40590	1RB#0	22.56	PASS
41(2535-2655)	15MHz	QPSK	40590	1RB#38	23.97	PASS
41(2535-2655)	15MHz	16QAM	40590	1RB#38	22.74	PASS
41(2535-2655)	15MHz	QPSK	40590	1RB#74	23.90	PASS
41(2535-2655)	15MHz	16QAM	40590	1RB#74	22.65	PASS
41(2535-2655)	15MHz	QPSK	40590	38RB#0	22.95	PASS
41(2535-2655)	15MHz	16QAM	40590	38RB#0	22.93	PASS
41(2535-2655)	15MHz	QPSK	40590	38RB#18	22.97	PASS
41(2535-2655)	15MHz	16QAM	40590	38RB#18	22.94	PASS
41(2535-2655)	15MHz	QPSK	40590	38RB#37	22.95	PASS
41(2535-2655)	15MHz	16QAM	40590	38RB#37	22.95	PASS
41(2535-2655)	15MHz	QPSK	40590	75RB#0	22.94	PASS
41(2535-2655)	15MHz	16QAM	40590	75RB#0	21.95	PASS
41(2535-2655)	15MHz	QPSK	41165	1RB#0	23.72	PASS
41(2535-2655)	15MHz	16QAM	41165	1RB#0	22.88	PASS
41(2535-2655)	15MHz	QPSK	41165	1RB#38	23.82	PASS
41(2535-2655)	15MHz	16QAM	41165	1RB#38	22.93	PASS
41(2535-2655)	15MHz	QPSK	41165	1RB#74	23.64	PASS
41(2535-2655)	15MHz	16QAM	41165	1RB#74	22.73	PASS
41(2535-2655)	15MHz	QPSK	41165	38RB#0	22.81	PASS
41(2535-2655)	15MHz	16QAM	41165	38RB#0	22.84	PASS
41(2535-2655)	15MHz	QPSK	41165	38RB#18	22.80	PASS
41(2535-2655)	15MHz	16QAM	41165	38RB#18	22.80	PASS
41(2535-2655)	15MHz	QPSK	41165	38RB#37	22.82	PASS
41(2535-2655)	15MHz	16QAM	41165	38RB#37	22.79	PASS
41(2535-2655)	15MHz	QPSK	41165	75RB#0	22.82	PASS
41(2535-2655)	15MHz	16QAM	41165	75RB#0	21.82	PASS
41(2535-2655)	20MHz	QPSK	40140	1RB#0	15.62	PASS

41(2535-2655)	20MHz	16QAM	40140	1RB#0	14.67	PASS
41(2535-2655)	20MHz	QPSK	40140	1RB#49	16.13	PASS
41(2535-2655)	20MHz	16QAM	40140	1RB#49	15.15	PASS
41(2535-2655)	20MHz	QPSK	40140	1RB#99	15.89	PASS
41(2535-2655)	20MHz	16QAM	40140	1RB#99	14.89	PASS
41(2535-2655)	20MHz	QPSK	40140	50RB#0	14.78	PASS
41(2535-2655)	20MHz	16QAM	40140	50RB#0	13.82	PASS
41(2535-2655)	20MHz	QPSK	40140	50RB#25	14.78	PASS
41(2535-2655)	20MHz	16QAM	40140	50RB#25	13.86	PASS
41(2535-2655)	20MHz	QPSK	40140	50RB#50	15.06	PASS
41(2535-2655)	20MHz	16QAM	40140	50RB#50	14.10	PASS
41(2535-2655)	20MHz	QPSK	40140	100RB#0	14.97	PASS
41(2535-2655)	20MHz	16QAM	40140	100RB#0	13.94	PASS
41(2535-2655)	20MHz	QPSK	40590	1RB#0	23.51	PASS
41(2535-2655)	20MHz	16QAM	40590	1RB#0	22.11	PASS
41(2535-2655)	20MHz	QPSK	40590	1RB#49	23.99	PASS
41(2535-2655)	20MHz	16QAM	40590	1RB#49	22.61	PASS
41(2535-2655)	20MHz	QPSK	40590	1RB#99	23.65	PASS
41(2535-2655)	20MHz	16QAM	40590	1RB#99	22.21	PASS
41(2535-2655)	20MHz	QPSK	40590	50RB#0	22.82	PASS
41(2535-2655)	20MHz	16QAM	40590	50RB#0	21.89	PASS
41(2535-2655)	20MHz	QPSK	40590	50RB#25	22.85	PASS
41(2535-2655)	20MHz	16QAM	40590	50RB#25	21.91	PASS
41(2535-2655)	20MHz	QPSK	40590	50RB#50	23.01	PASS
41(2535-2655)	20MHz	16QAM	40590	50RB#50	22.04	PASS
41(2535-2655)	20MHz	QPSK	40590	100RB#0	22.93	PASS
41(2535-2655)	20MHz	16QAM	40590	100RB#0	21.94	PASS
41(2535-2655)	20MHz	QPSK	41140	1RB#0	23.58	PASS
41(2535-2655)	20MHz	16QAM	41140	1RB#0	22.59	PASS
41(2535-2655)	20MHz	QPSK	41140	1RB#49	24.00	PASS
41(2535-2655)	20MHz	16QAM	41140	1RB#49	23.00	PASS
41(2535-2655)	20MHz	QPSK	41140	1RB#99	23.56	PASS
41(2535-2655)	20MHz	16QAM	41140	1RB#99	22.52	PASS
41(2535-2655)	20MHz	QPSK	41140	50RB#0	22.84	PASS
41(2535-2655)	20MHz	16QAM	41140	50RB#0	21.86	PASS
41(2535-2655)	20MHz	QPSK	41140	50RB#25	22.86	PASS
41(2535-2655)	20MHz	16QAM	41140	50RB#25	21.85	PASS
41(2535-2655)	20MHz	QPSK	41140	50RB#50	22.64	PASS
41(2535-2655)	20MHz	16QAM	41140	50RB#50	21.68	PASS
41(2535-2655)	20MHz	QPSK	41140	100RB#0	22.78	PASS
41(2535-2655)	20MHz	16QAM	41140	100RB#0	21.77	PASS

2. Peak-to-Average Ratio(CCDF)

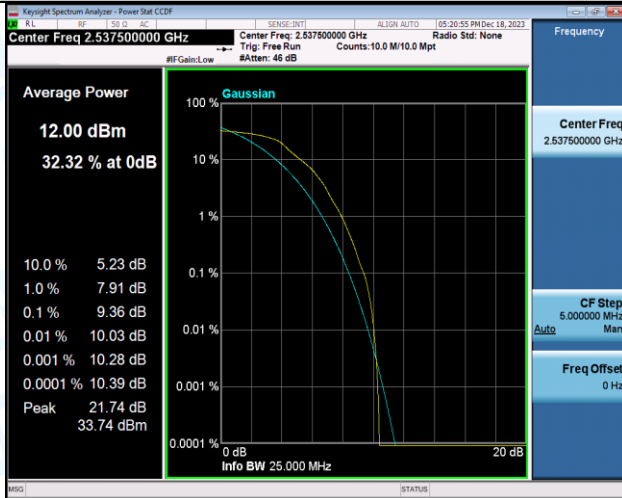
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
41(2535-2655)	5MHz	QPSK	40065	1RB#0	9.36	13	PASS
41(2535-2655)	5MHz	16QAM	40065	1RB#0	9.80	13	PASS
41(2535-2655)	5MHz	QPSK	40065	25RB#0	9.46	13	PASS
41(2535-2655)	5MHz	16QAM	40065	25RB#0	9.69	13	PASS
41(2535-2655)	5MHz	QPSK	40590	1RB#0	8.19	13	PASS
41(2535-2655)	5MHz	16QAM	40590	1RB#0	9.11	13	PASS
41(2535-2655)	5MHz	QPSK	40590	25RB#0	8.69	13	PASS
41(2535-2655)	5MHz	16QAM	40590	25RB#0	9.55	13	PASS
41(2535-2655)	5MHz	QPSK	41215	1RB#0	8.14	13	PASS
41(2535-2655)	5MHz	16QAM	41215	1RB#0	9.07	13	PASS
41(2535-2655)	5MHz	QPSK	41215	25RB#0	8.93	13	PASS
41(2535-2655)	5MHz	16QAM	41215	25RB#0	9.34	13	PASS
41(2535-2655)	10MHz	QPSK	40090	1RB#0	8.91	13	PASS
41(2535-2655)	10MHz	16QAM	40090	1RB#0	9.53	13	PASS
41(2535-2655)	10MHz	QPSK	40090	50RB#0	9.41	13	PASS
41(2535-2655)	10MHz	16QAM	40090	50RB#0	9.90	13	PASS
41(2535-2655)	10MHz	QPSK	40590	1RB#0	8.59	13	PASS
41(2535-2655)	10MHz	16QAM	40590	1RB#0	9.61	13	PASS
41(2535-2655)	10MHz	QPSK	40590	50RB#0	8.63	13	PASS
41(2535-2655)	10MHz	16QAM	40590	50RB#0	9.88	13	PASS
41(2535-2655)	10MHz	QPSK	41190	1RB#0	8.12	13	PASS
41(2535-2655)	10MHz	16QAM	41190	1RB#0	8.72	13	PASS
41(2535-2655)	10MHz	QPSK	41190	50RB#0	9.20	13	PASS
41(2535-2655)	10MHz	16QAM	41190	50RB#0	9.65	13	PASS
41(2535-2655)	15MHz	QPSK	40115	1RB#0	9.56	13	PASS
41(2535-2655)	15MHz	16QAM	40115	1RB#0	9.45	13	PASS
41(2535-2655)	15MHz	QPSK	40115	75RB#0	9.50	13	PASS
41(2535-2655)	15MHz	16QAM	40115	75RB#0	10.45	13	PASS
41(2535-2655)	15MHz	QPSK	40590	1RB#0	8.70	13	PASS
41(2535-2655)	15MHz	16QAM	40590	1RB#0	9.32	13	PASS
41(2535-2655)	15MHz	QPSK	40590	75RB#0	9.04	13	PASS
41(2535-2655)	15MHz	16QAM	40590	75RB#0	9.66	13	PASS
41(2535-2655)	15MHz	QPSK	41165	1RB#0	7.77	13	PASS
41(2535-2655)	15MHz	16QAM	41165	1RB#0	8.65	13	PASS
41(2535-2655)	15MHz	QPSK	41165	75RB#0	9.29	13	PASS
41(2535-2655)	15MHz	16QAM	41165	75RB#0	9.84	13	PASS
41(2535-2655)	20MHz	QPSK	40140	1RB#0	8.56	13	PASS
41(2535-2655)	20MHz	16QAM	40140	1RB#0	9.59	13	PASS
41(2535-2655)	20MHz	QPSK	40140	100RB#0	9.07	13	PASS

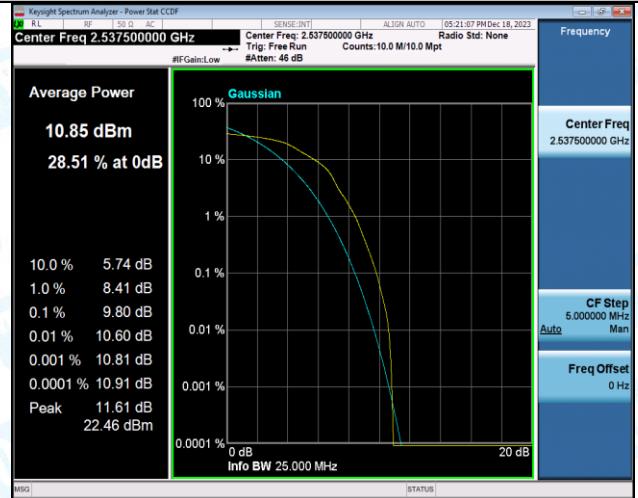
41(2535-2655)	20MHz	16QAM	40140	100RB#0	10.63	13	PASS
41(2535-2655)	20MHz	QPSK	40590	1RB#0	8.73	13	PASS
41(2535-2655)	20MHz	16QAM	40590	1RB#0	9.52	13	PASS
41(2535-2655)	20MHz	QPSK	40590	100RB#0	8.72	13	PASS
41(2535-2655)	20MHz	16QAM	40590	100RB#0	9.60	13	PASS
41(2535-2655)	20MHz	QPSK	41140	1RB#0	7.76	13	PASS
41(2535-2655)	20MHz	16QAM	41140	1RB#0	8.39	13	PASS
41(2535-2655)	20MHz	QPSK	41140	100RB#0	8.74	13	PASS
41(2535-2655)	20MHz	16QAM	41140	100RB#0	9.56	13	PASS

Test Graphs

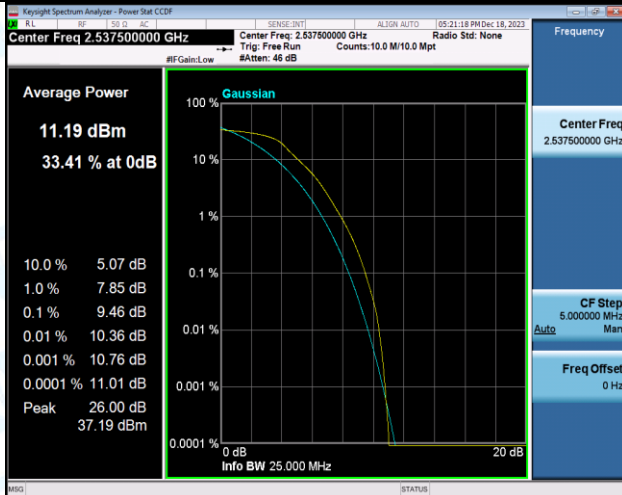
41(2535-2655)-5MHz-QPSK-40065-1RB#0-PASS



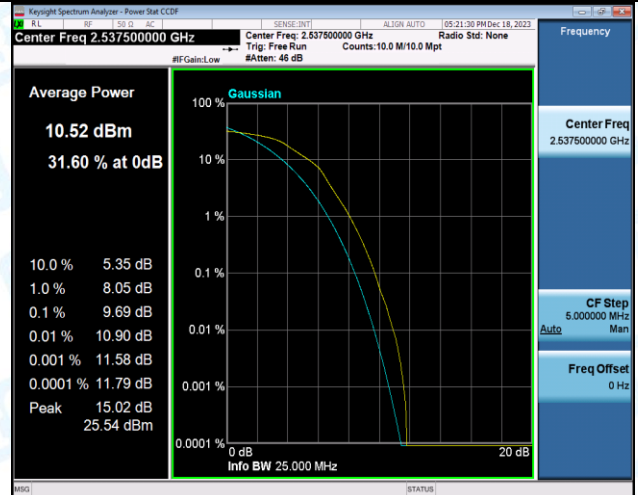
41(2535-2655)-5MHz-16QAM-40065-1RB#0-PASS



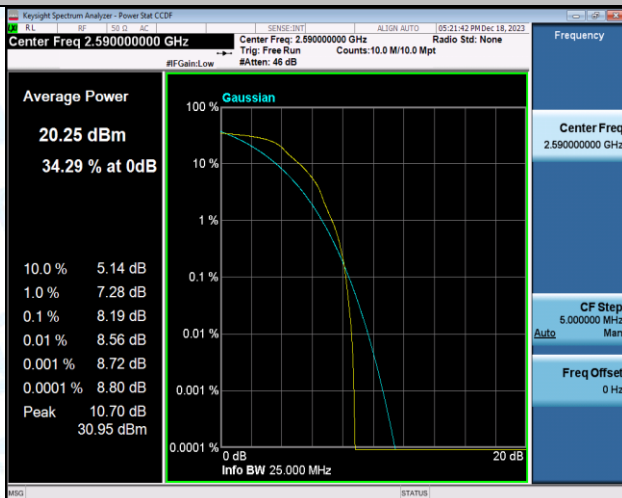
41(2535-2655)-5MHz-QPSK-40065-25RB#0-PASS



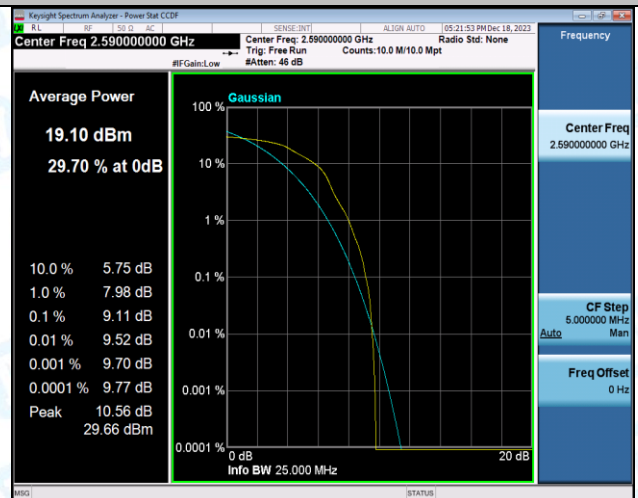
41(2535-2655)-5MHz-16QAM-40065-25RB#0-PASS



41(2535-2655)-5MHz-QPSK-40590-1RB#0-PASS

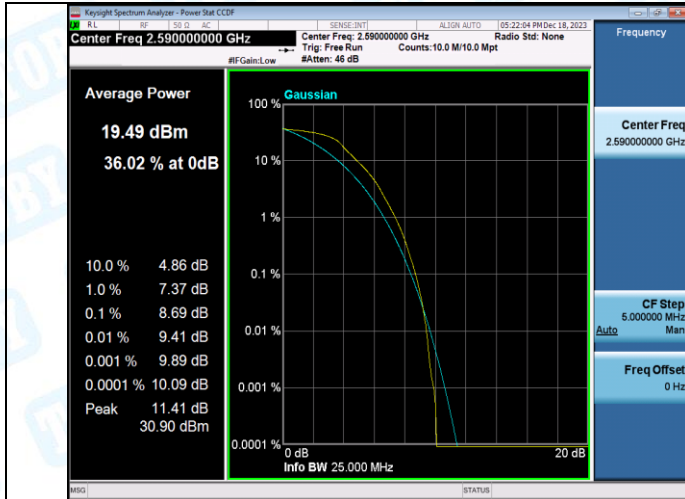


41(2535-2655)-5MHz-16QAM-40590-1RB#0-PASS

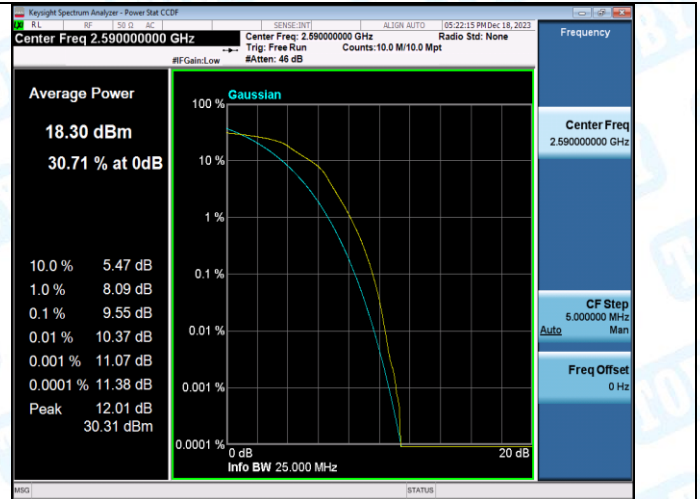


41(2535-2655)-5MHz-QPSK-40590-25RB#0-PASS

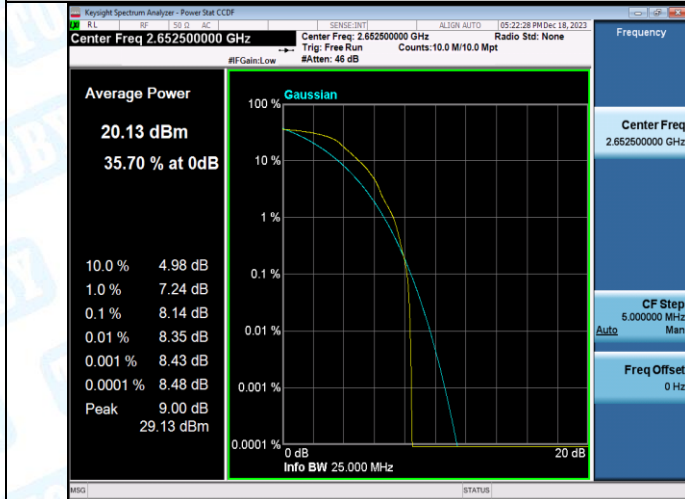
41(2535-2655)-5MHz-16QAM-40590-25RB#0-PASS



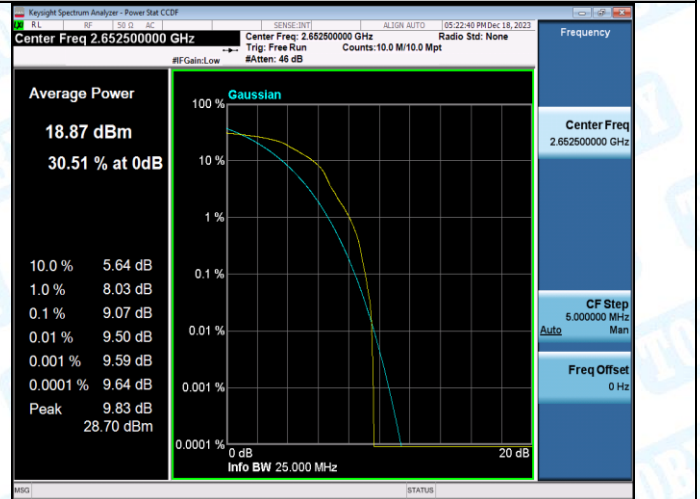
41(2535-2655)-5MHz-QPSK-41215-1RB#0-PASS



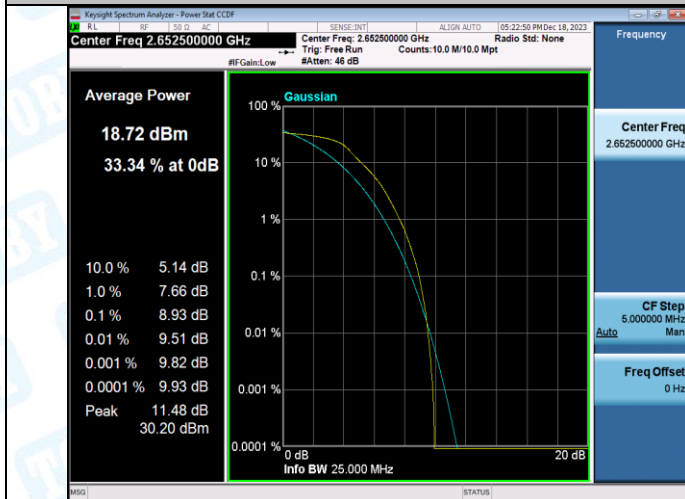
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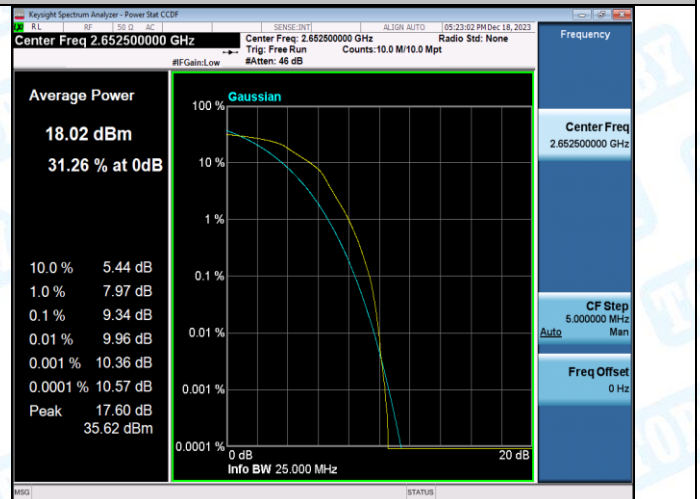
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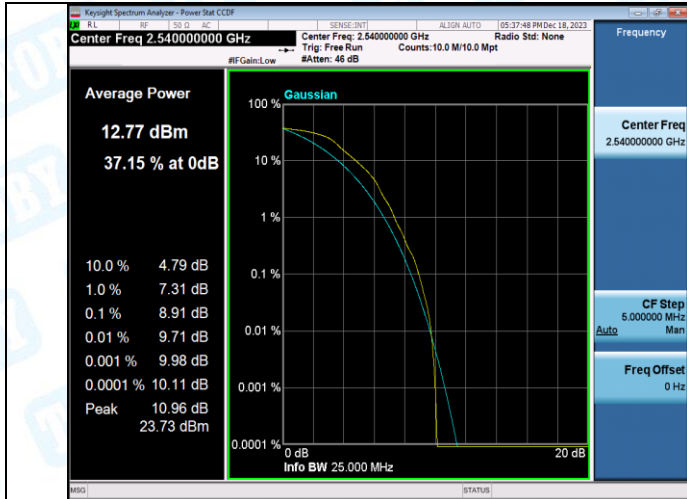
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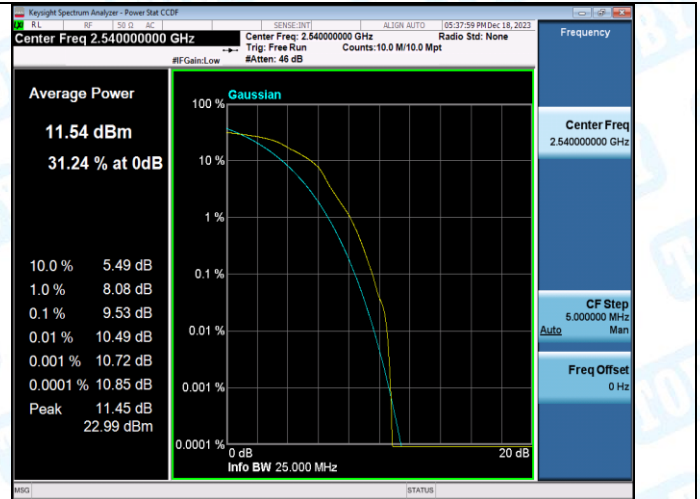
41(2535-2655)-10MHz-QPSK-40090-1RB#0-PASS



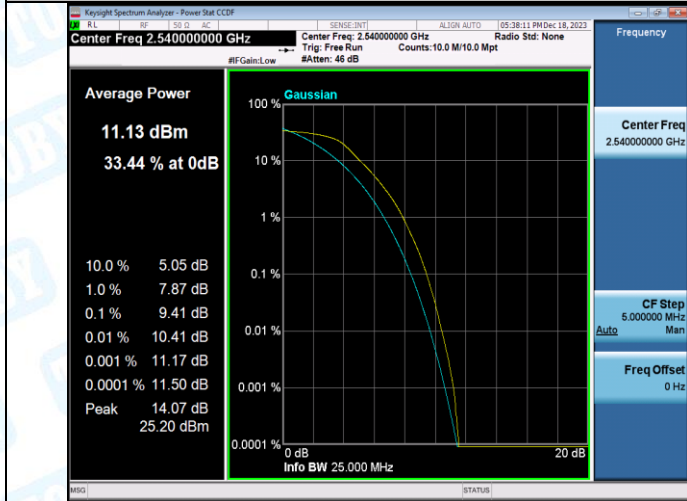
41(2535-2655)-10MHz-16QAM-40090-1RB#0-PASS



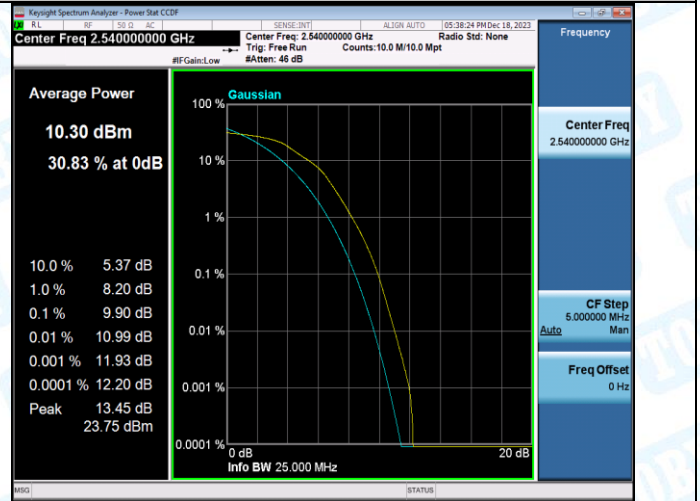
41(2535-2655)-10MHz-QPSK-40090-50RB#0-PASS



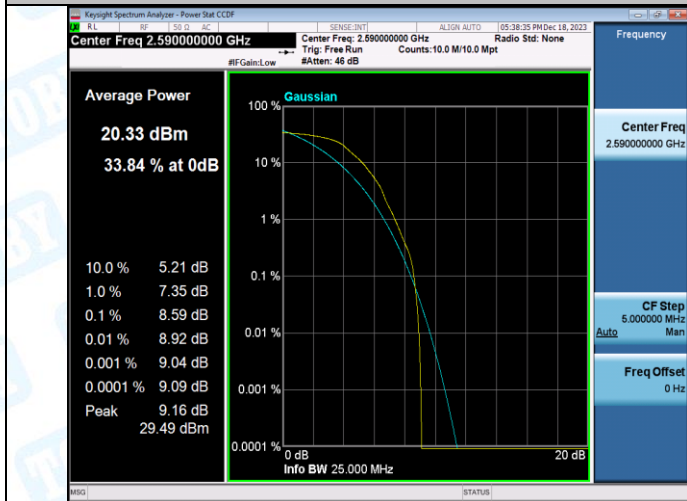
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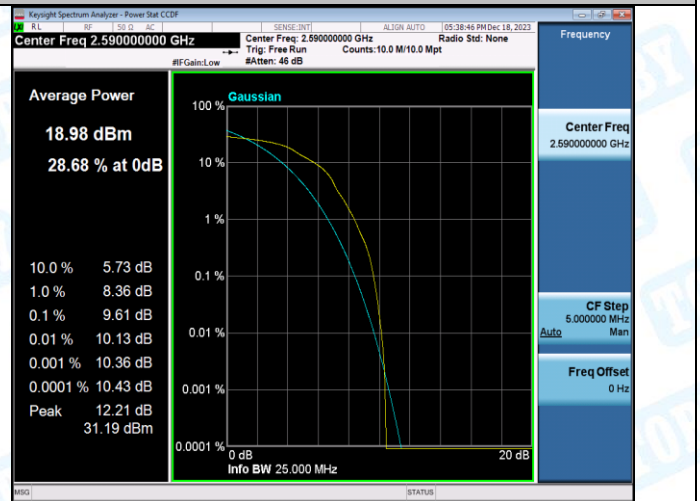
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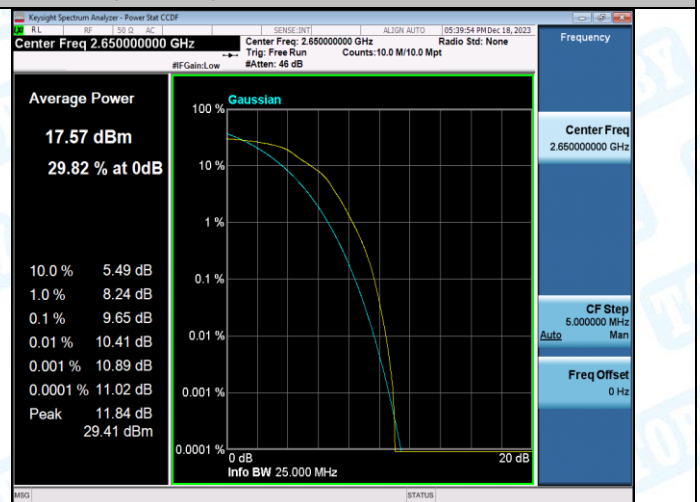
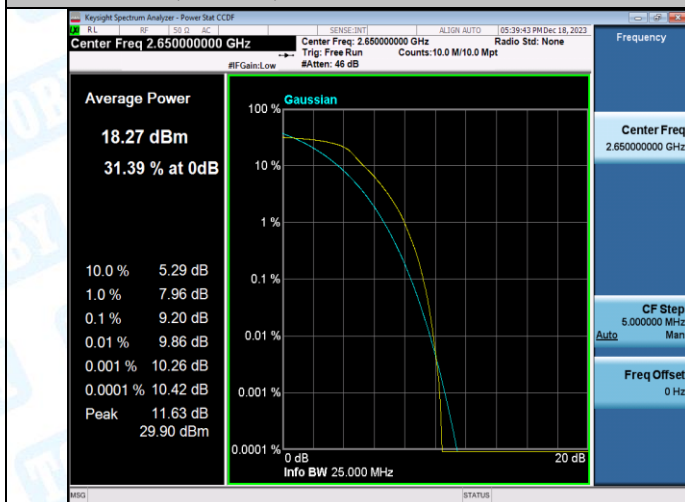
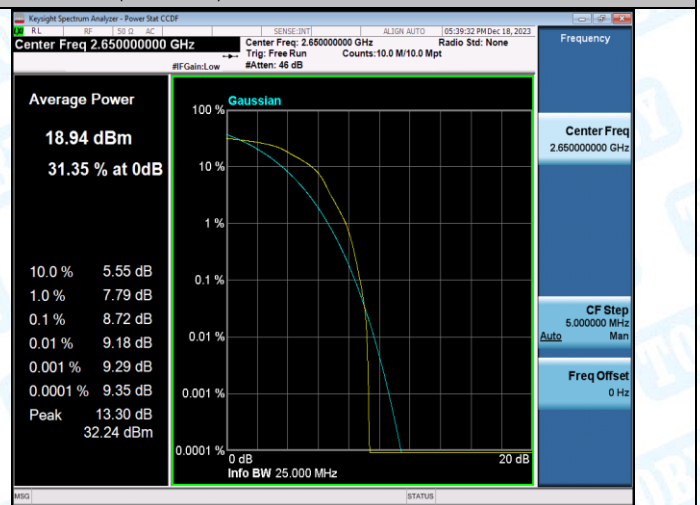
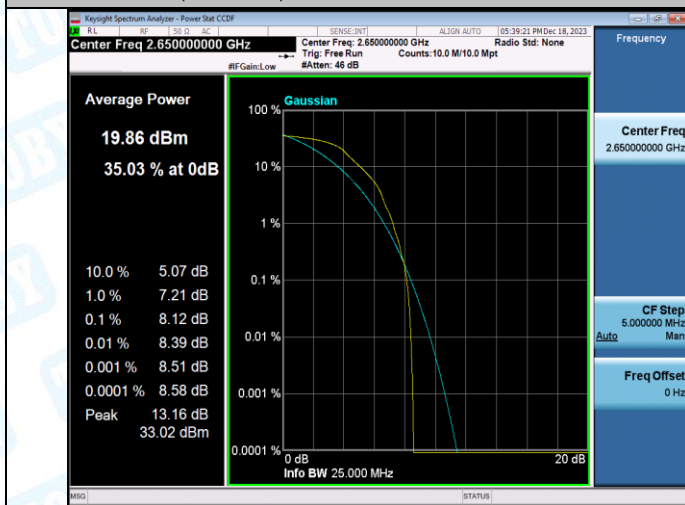
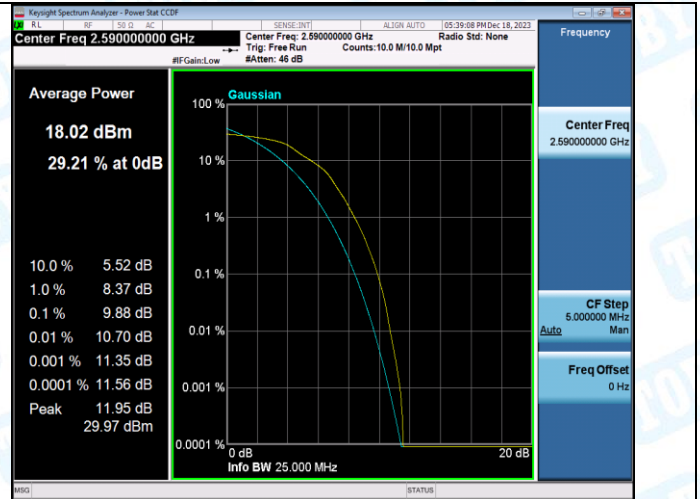
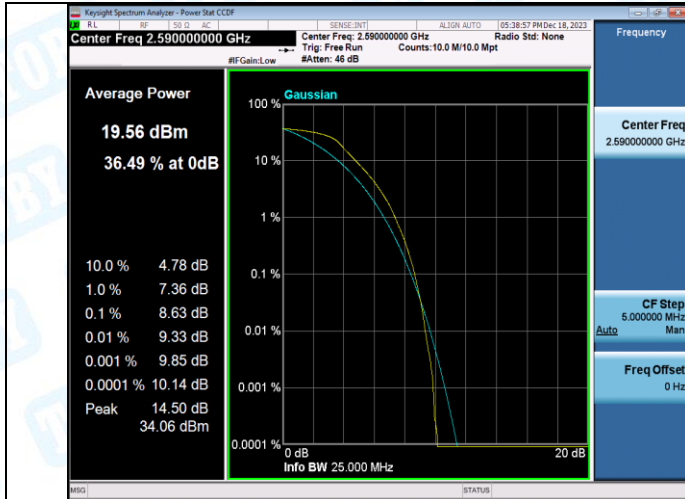
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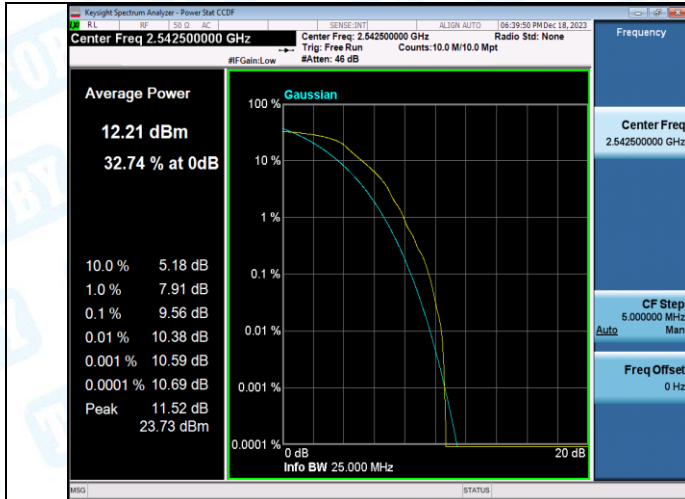


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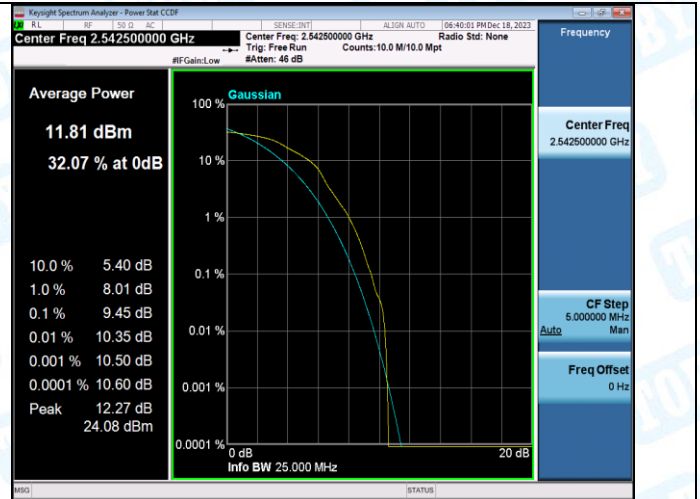


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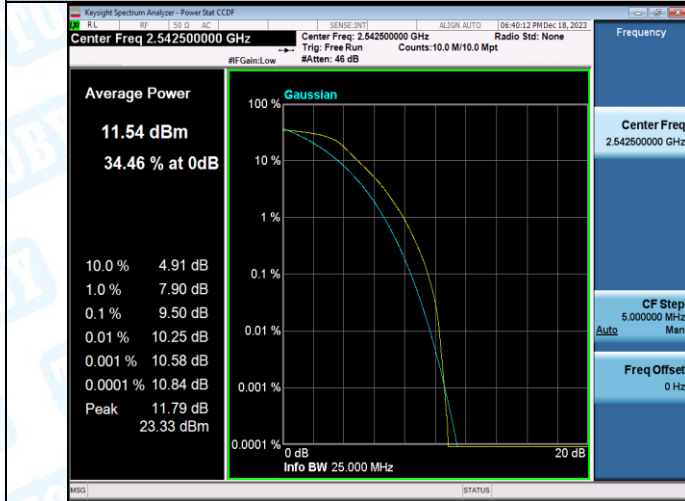




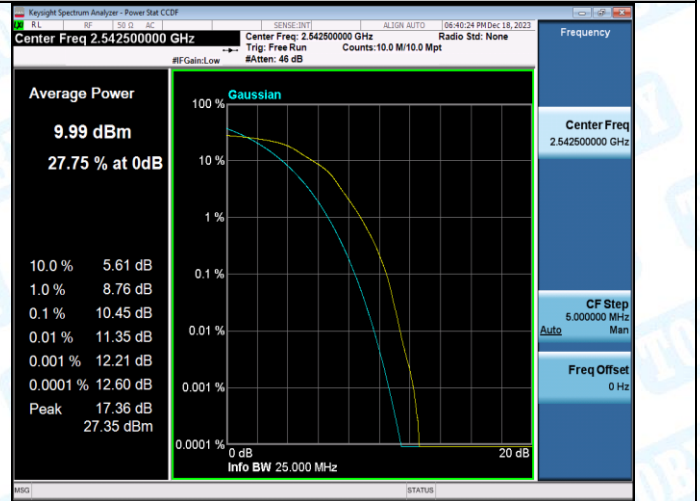
41(2535-2655)-15MHz-QPSK-40115-75RB#0-PASS



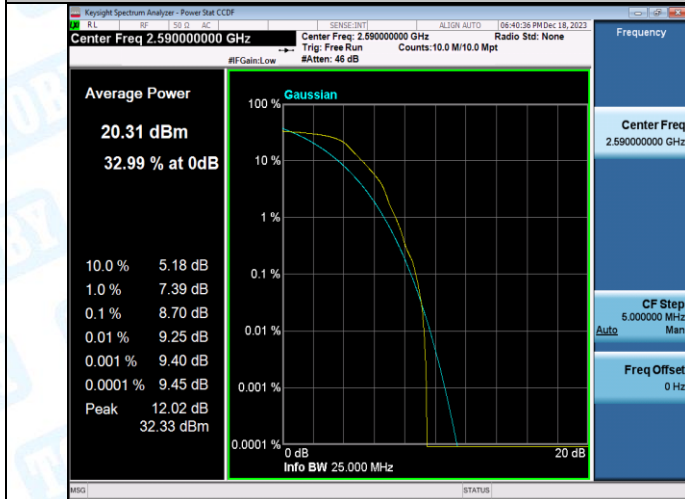
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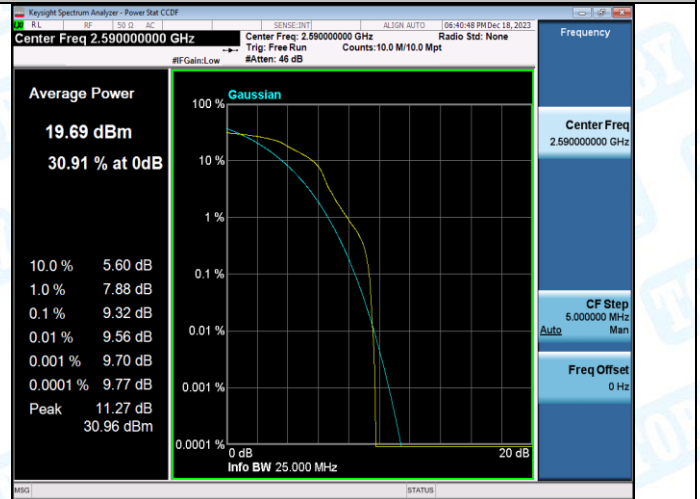
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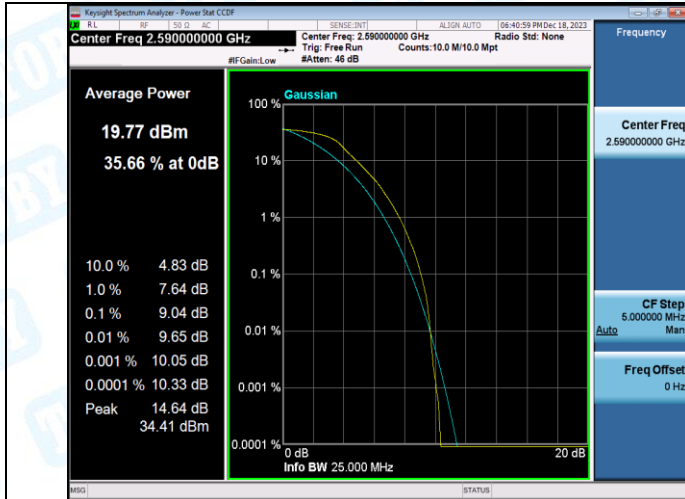
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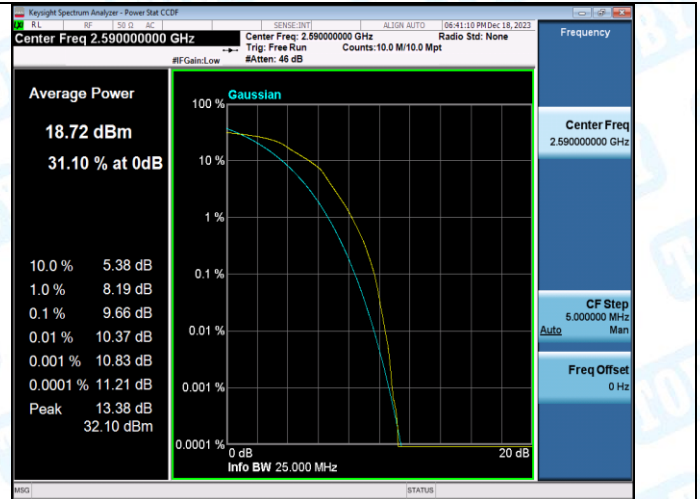
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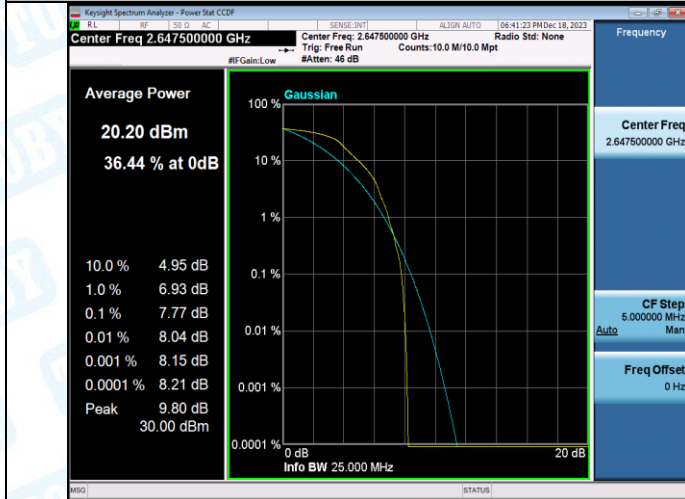
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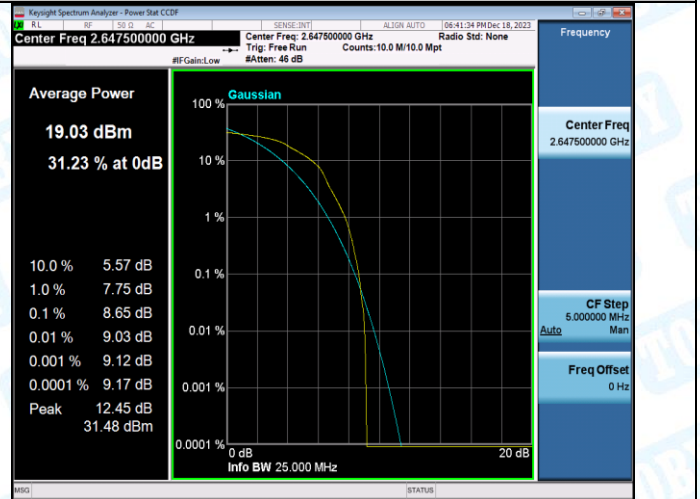
41(2535-2655)-15MHz-QPSK-41165-1RB#0-PASS



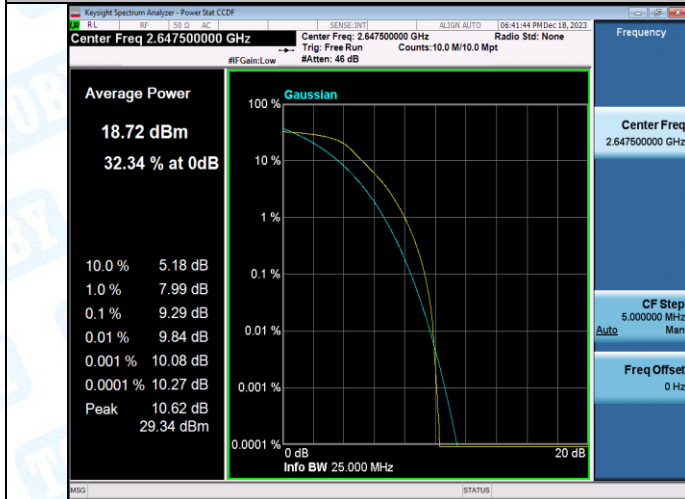
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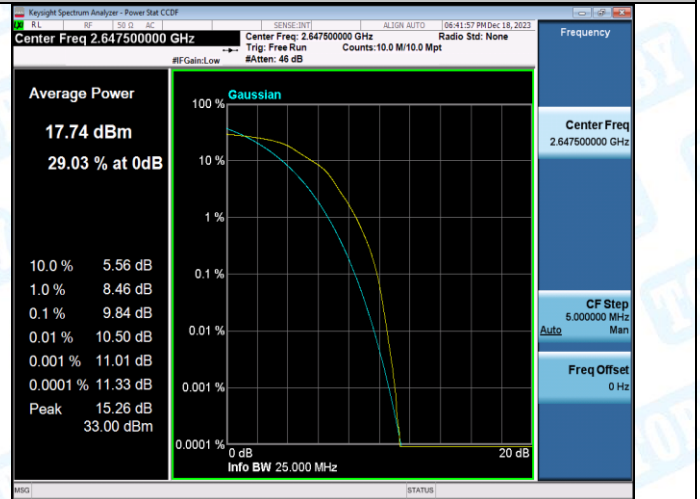
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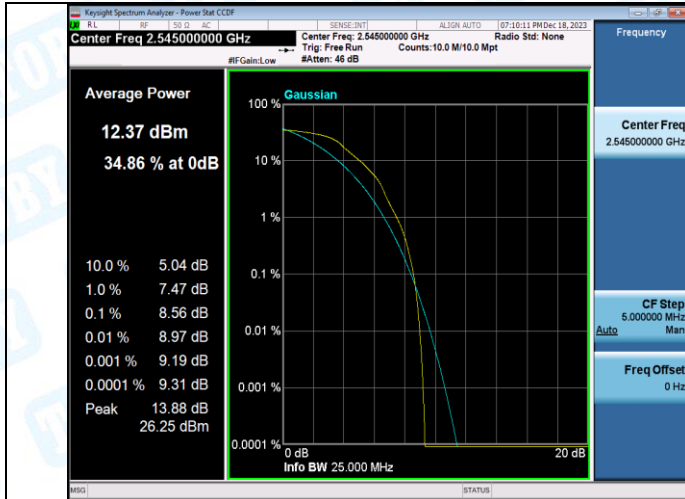
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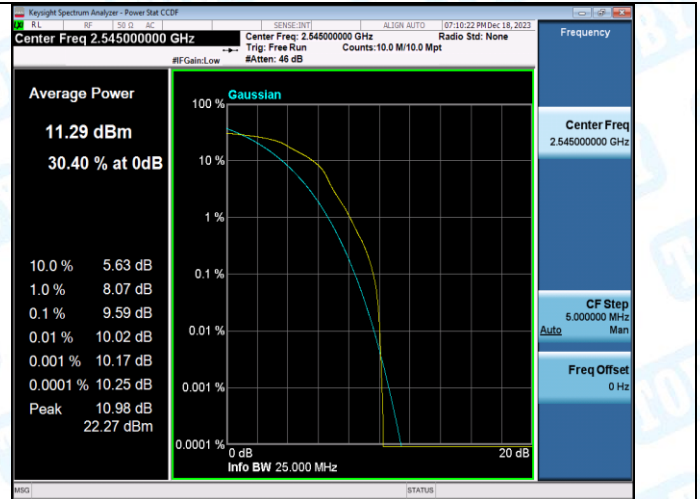
41(2535-2655)-20MHz-QPSK-40140-1RB#0-PASS



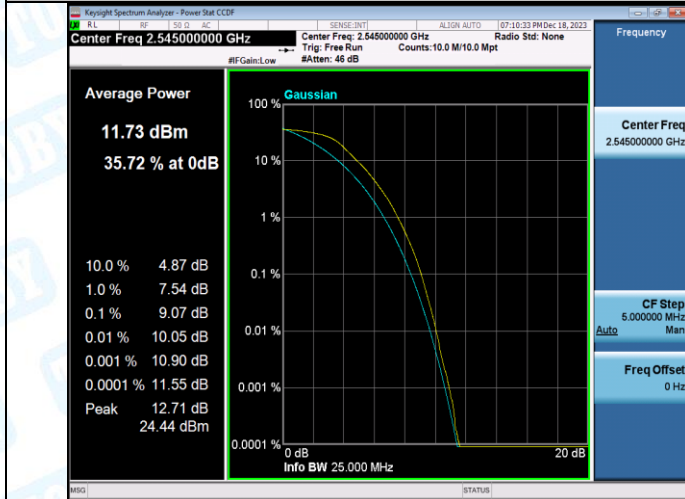
41(2535-2655)-20MHz-16QAM-40140-1RB#0-PASS



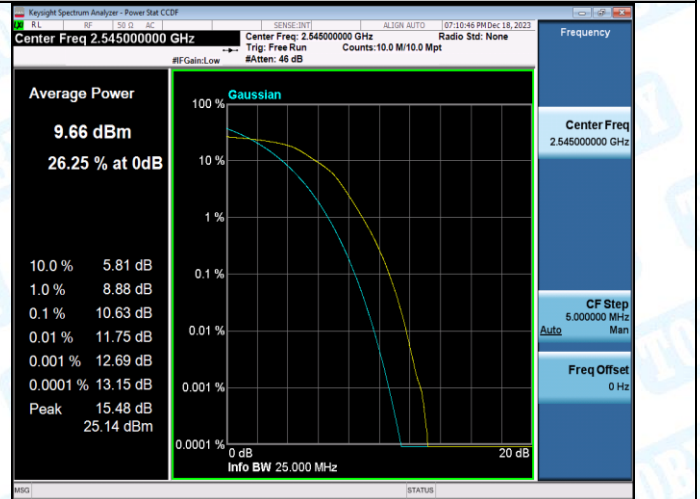
41(2535-2655)-20MHz-QPSK-40140-100RB#0-PASS



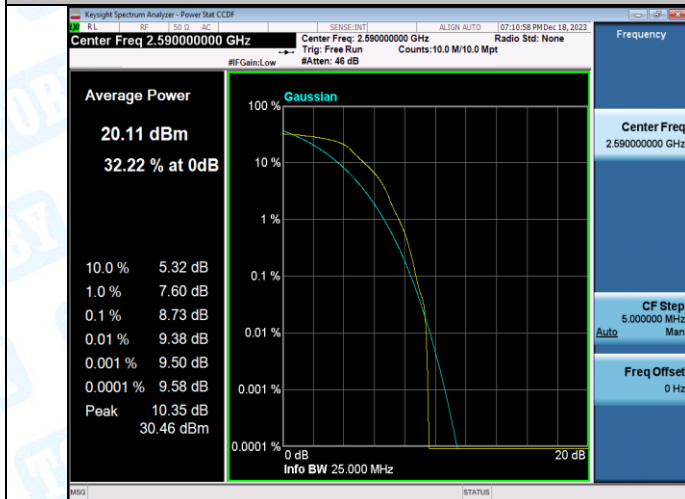
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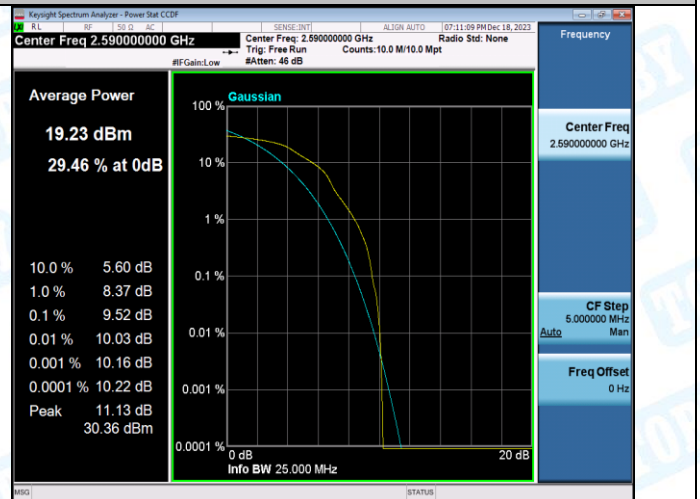
41(2535-2655)-20MHz-QPSK-40590-1RB#0-PASS



41(2535-2655)-20MHz-16QAM-40590-1RB#0-PASS



41(2535-2655)-20MHz-QPSK-40590-100RB#0-PASS



41(2535-2655)-20MHz-16QAM-40590-100RB#0-PASS