

LTE Test Data

General Description of EUT	
Product Name:	Mobile phone
Test Model:	RS1
Sample ID:	HC-C-202404-0014-01-02#
Environmental Conditions	
Temperature:	22.0℃-25℃
Relative Humidity:	43%-55%
Test Voltage:	DC 3.7V
Test Engineer:	Mike Yan
Note: For a more detailed features description, please refer to the report TBR-C-202404-0014-32 . The report only show the worst case data.	

Contents

LTE Test Data 1

1: Conducted Output Power Data..... 3

 Test Result 3

2: Peak-to-Average Ratio(CCDF)..... 7

 Test Result 7

 Test Graphs..... 9

3: 26dB Bandwidth and Occupied Bandwidth 17

 Test Result 17

 Test Graphs..... 18

4: Band Edge 22

 Test Result 22

 Test Graphs..... 24

5: Conducted Spurious Emission..... 32

 Test Result 32

 Test Graphs..... 40

6: Frequency Stability 98

 Test Result 98

1: Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	24.17	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	24.18	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	24.16	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	24.34	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	24.34	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	24.32	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	23.30	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	24.29	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	24.43	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	24.42	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	24.53	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	24.42	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	24.43	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	23.47	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	24.80	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	24.69	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	24.76	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	24.79	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	24.79	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	24.70	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	23.66	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.43	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.39	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.35	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.78	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.74	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.71	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.69	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.70	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.77	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.75	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	23.32	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	23.31	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	23.22	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.49	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	24.11	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	24.02	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	24.14	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	23.54	PASS

Band5	1.4MHz	16QAM	20643	3RB#1	23.66	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	23.57	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	23.29	PASS
Band5	3MHz	QPSK	20415	1RB#0	24.25	PASS
Band5	3MHz	QPSK	20415	1RB#8	24.13	PASS
Band5	3MHz	QPSK	20415	1RB#14	24.25	PASS
Band5	3MHz	QPSK	20415	8RB#0	23.32	PASS
Band5	3MHz	QPSK	20415	8RB#4	23.33	PASS
Band5	3MHz	QPSK	20415	8RB#7	23.37	PASS
Band5	3MHz	QPSK	20415	15RB#0	23.30	PASS
Band5	3MHz	QPSK	20525	1RB#0	24.47	PASS
Band5	3MHz	QPSK	20525	1RB#8	24.51	PASS
Band5	3MHz	QPSK	20525	1RB#14	24.38	PASS
Band5	3MHz	QPSK	20525	8RB#0	23.27	PASS
Band5	3MHz	QPSK	20525	8RB#4	23.28	PASS
Band5	3MHz	QPSK	20525	8RB#7	23.42	PASS
Band5	3MHz	QPSK	20525	15RB#0	23.50	PASS
Band5	3MHz	QPSK	20635	1RB#0	24.56	PASS
Band5	3MHz	QPSK	20635	1RB#8	24.67	PASS
Band5	3MHz	QPSK	20635	1RB#14	24.65	PASS
Band5	3MHz	QPSK	20635	8RB#0	23.44	PASS
Band5	3MHz	QPSK	20635	8RB#4	23.55	PASS
Band5	3MHz	QPSK	20635	8RB#7	23.47	PASS
Band5	3MHz	QPSK	20635	15RB#0	23.55	PASS
Band5	3MHz	16QAM	20415	1RB#0	23.38	PASS
Band5	3MHz	16QAM	20415	1RB#8	23.29	PASS
Band5	3MHz	16QAM	20415	1RB#14	23.38	PASS
Band5	3MHz	16QAM	20415	8RB#0	22.87	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.86	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.60	PASS
Band5	3MHz	16QAM	20415	15RB#0	22.67	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.75	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.82	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.70	PASS
Band5	3MHz	16QAM	20525	8RB#0	22.53	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.55	PASS
Band5	3MHz	16QAM	20525	8RB#7	22.65	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.47	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.61	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.79	PASS
Band5	3MHz	16QAM	20635	1RB#14	23.83	PASS
Band5	3MHz	16QAM	20635	8RB#0	22.51	PASS
Band5	3MHz	16QAM	20635	8RB#4	22.52	PASS
Band5	3MHz	16QAM	20635	8RB#7	22.96	PASS

Band5	3MHz	16QAM	20635	15RB#0	22.60	PASS
Band5	5MHz	QPSK	20425	1RB#0	24.49	PASS
Band5	5MHz	QPSK	20425	1RB#12	24.44	PASS
Band5	5MHz	QPSK	20425	1RB#24	24.47	PASS
Band5	5MHz	QPSK	20425	12RB#0	23.29	PASS
Band5	5MHz	QPSK	20425	12RB#6	23.27	PASS
Band5	5MHz	QPSK	20425	12RB#13	23.24	PASS
Band5	5MHz	QPSK	20425	25RB#0	23.33	PASS
Band5	5MHz	QPSK	20525	1RB#0	24.43	PASS
Band5	5MHz	QPSK	20525	1RB#12	24.40	PASS
Band5	5MHz	QPSK	20525	1RB#24	24.46	PASS
Band5	5MHz	QPSK	20525	12RB#0	23.45	PASS
Band5	5MHz	QPSK	20525	12RB#6	23.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	23.48	PASS
Band5	5MHz	QPSK	20525	25RB#0	23.60	PASS
Band5	5MHz	QPSK	20625	1RB#0	24.52	PASS
Band5	5MHz	QPSK	20625	1RB#12	24.47	PASS
Band5	5MHz	QPSK	20625	1RB#24	24.48	PASS
Band5	5MHz	QPSK	20625	12RB#0	23.63	PASS
Band5	5MHz	QPSK	20625	12RB#6	23.57	PASS
Band5	5MHz	QPSK	20625	12RB#13	23.48	PASS
Band5	5MHz	QPSK	20625	25RB#0	23.37	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.55	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.57	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.57	PASS
Band5	5MHz	16QAM	20425	12RB#0	22.67	PASS
Band5	5MHz	16QAM	20425	12RB#6	22.66	PASS
Band5	5MHz	16QAM	20425	12RB#13	22.22	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.36	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.55	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.68	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.71	PASS
Band5	5MHz	16QAM	20525	12RB#0	22.57	PASS
Band5	5MHz	16QAM	20525	12RB#6	22.58	PASS
Band5	5MHz	16QAM	20525	12RB#13	22.59	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.61	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.15	PASS
Band5	5MHz	16QAM	20625	1RB#12	23.09	PASS
Band5	5MHz	16QAM	20625	1RB#24	23.22	PASS
Band5	5MHz	16QAM	20625	12RB#0	22.54	PASS
Band5	5MHz	16QAM	20625	12RB#6	22.55	PASS
Band5	5MHz	16QAM	20625	12RB#13	22.58	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.58	PASS
Band5	10MHz	QPSK	20450	1RB#0	24.30	PASS

Band5	10MHz	QPSK	20450	1RB#24	24.11	PASS
Band5	10MHz	QPSK	20450	1RB#49	24.19	PASS
Band5	10MHz	QPSK	20450	25RB#0	23.16	PASS
Band5	10MHz	QPSK	20450	25RB#12	23.11	PASS
Band5	10MHz	QPSK	20450	25RB#25	23.27	PASS
Band5	10MHz	QPSK	20450	50RB#0	23.24	PASS
Band5	10MHz	QPSK	20525	1RB#0	24.08	PASS
Band5	10MHz	QPSK	20525	1RB#24	24.49	PASS
Band5	10MHz	QPSK	20525	1RB#49	24.59	PASS
Band5	10MHz	QPSK	20525	25RB#0	23.55	PASS
Band5	10MHz	QPSK	20525	25RB#12	23.46	PASS
Band5	10MHz	QPSK	20525	25RB#25	23.48	PASS
Band5	10MHz	QPSK	20525	50RB#0	23.50	PASS
Band5	10MHz	QPSK	20600	1RB#0	24.49	PASS
Band5	10MHz	QPSK	20600	1RB#24	24.70	PASS
Band5	10MHz	QPSK	20600	1RB#49	24.82	PASS
Band5	10MHz	QPSK	20600	25RB#0	23.46	PASS
Band5	10MHz	QPSK	20600	25RB#12	23.48	PASS
Band5	10MHz	QPSK	20600	25RB#25	23.61	PASS
Band5	10MHz	QPSK	20600	50RB#0	23.59	PASS
Band5	10MHz	16QAM	20450	1RB#0	23.00	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.93	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.00	PASS
Band5	10MHz	16QAM	20450	25RB#0	22.14	PASS
Band5	10MHz	16QAM	20450	25RB#12	22.24	PASS
Band5	10MHz	16QAM	20450	25RB#25	22.16	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.91	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.36	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.48	PASS
Band5	10MHz	16QAM	20525	25RB#0	22.66	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.56	PASS
Band5	10MHz	16QAM	20525	25RB#25	22.66	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.38	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.54	PASS
Band5	10MHz	16QAM	20600	1RB#49	23.63	PASS
Band5	10MHz	16QAM	20600	25RB#0	22.74	PASS
Band5	10MHz	16QAM	20600	25RB#12	22.71	PASS
Band5	10MHz	16QAM	20600	25RB#25	22.76	PASS

2: Peak-to-Average Ratio(CCDF)

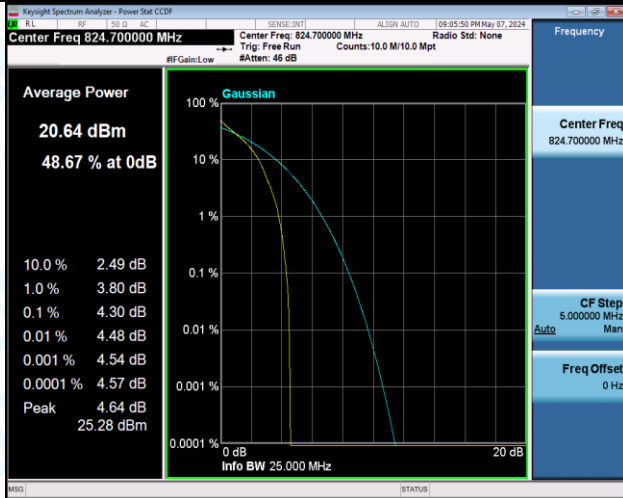
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.30	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.03	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.12	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	4.49	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	4.90	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.57	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.12	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.56	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	4.93	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.24	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	5.83	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.15	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.08	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.46	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	3.77	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	4.20	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.57	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.52	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.46	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.06	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	4.81	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.04	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	5.70	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.26	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.40	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.74	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.25	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.45	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.39	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.56	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.13	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.44	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.08	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.36	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	5.43	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.29	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.23	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.44	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.80	13	PASS

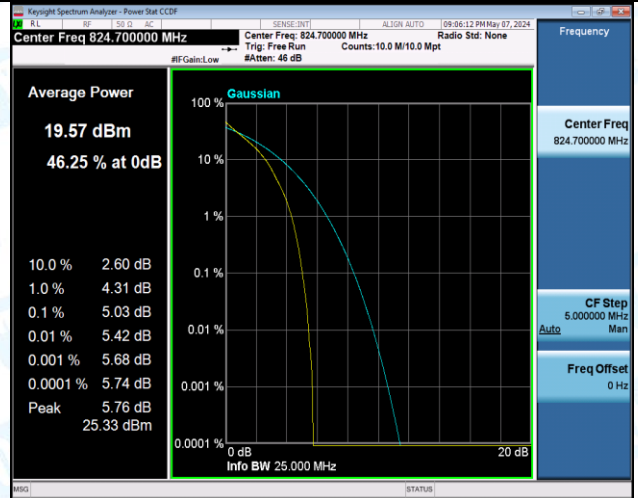
Band5	10MHz	QPSK	20525	50RB#0	4.83	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	3.57	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	4.89	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.22	13	PASS
Band5	10MHz	16QAM	20450	27RB#0	6.42	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.31	13	PASS
Band5	10MHz	16QAM	20525	27RB#0	5.21	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	4.43	13	PASS
Band5	10MHz	16QAM	20600	27RB#0	5.66	13	PASS

Test Graphs

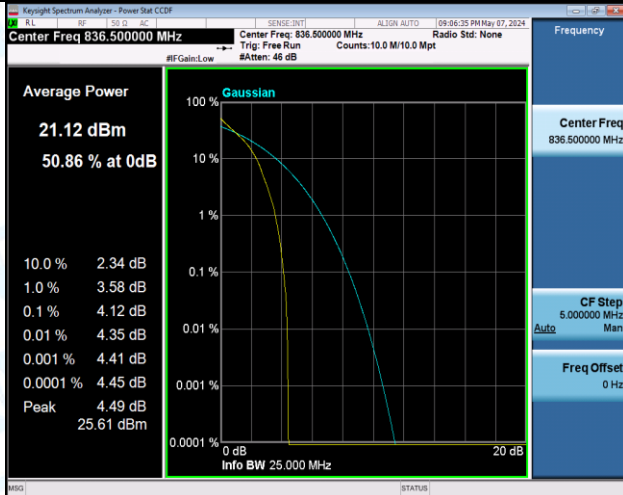
Band5-1.4MHz-QPSK-20407-1RB#0-PASS



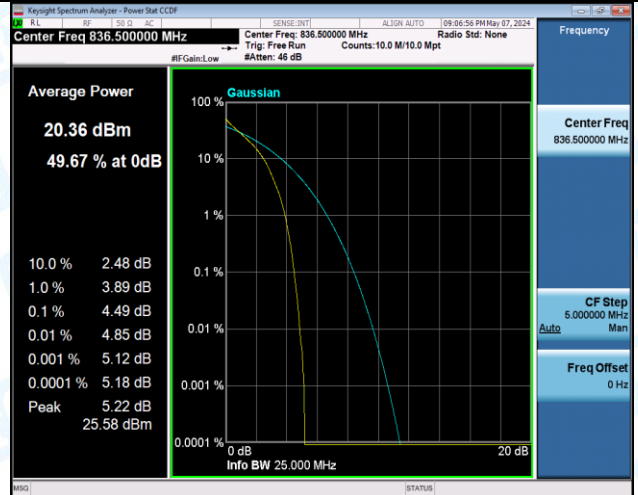
Band5-1.4MHz-QPSK-20407-6RB#0-PASS



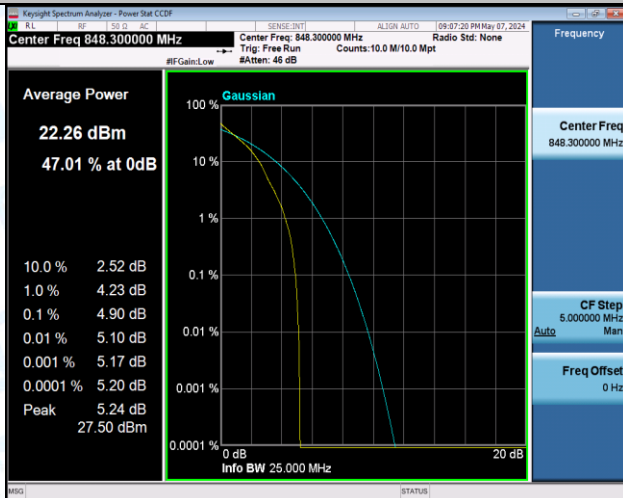
Band5-1.4MHz-QPSK-20525-1RB#0-PASS



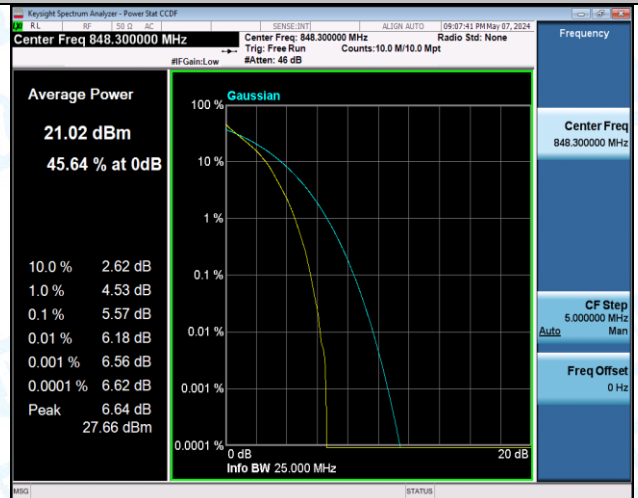
Band5-1.4MHz-QPSK-20525-6RB#0-PASS



Band5-1.4MHz-QPSK-20643-1RB#0-PASS

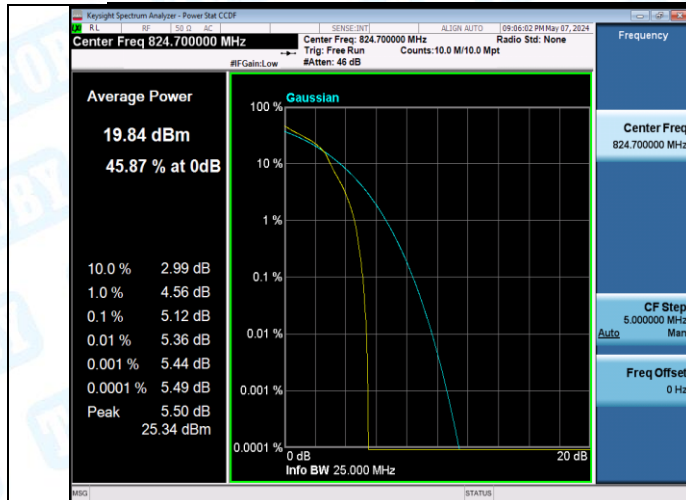


Band5-1.4MHz-QPSK-20643-6RB#0-PASS

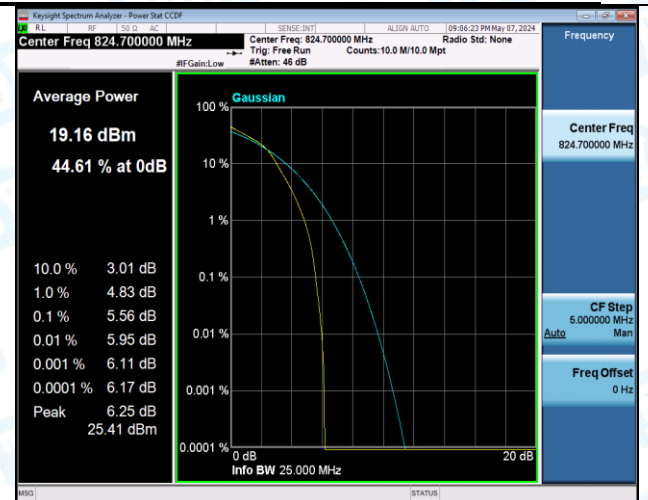


Band5-1.4MHz-16QAM-20407-1RB#0-PASS

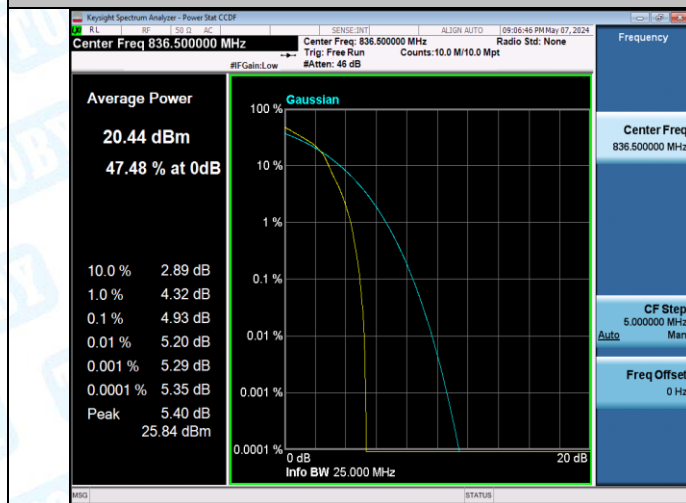
Band5-1.4MHz-16QAM-20407-6RB#0-PASS



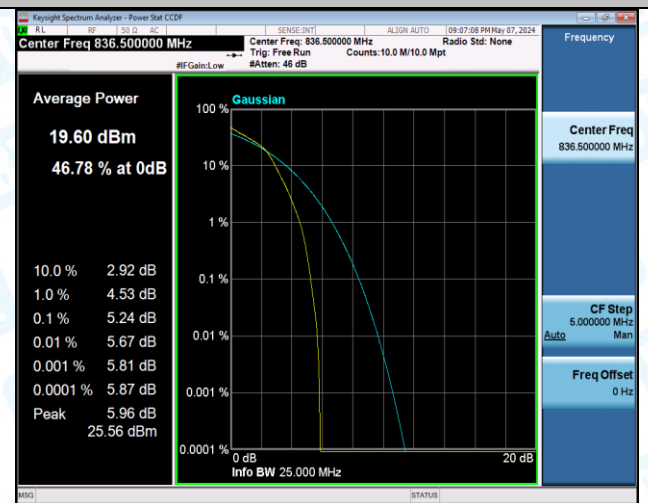
Band5-1.4MHz-16QAM-20525-1RB#0-PASS



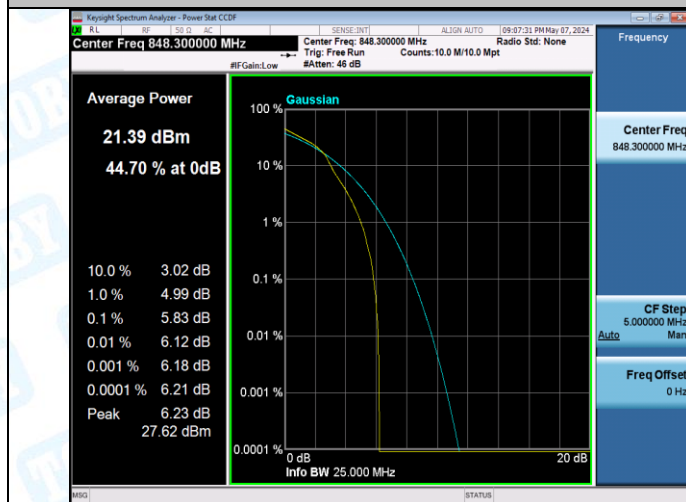
Band5-1.4MHz-16QAM-20525-6RB#0-PASS



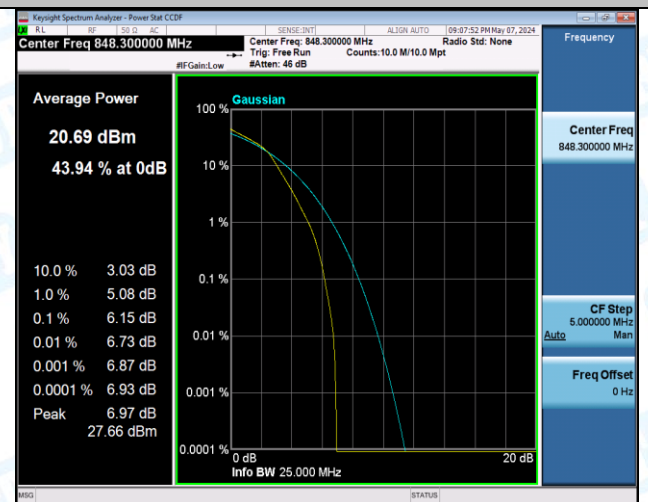
Band5-1.4MHz-16QAM-20643-1RB#0-PASS



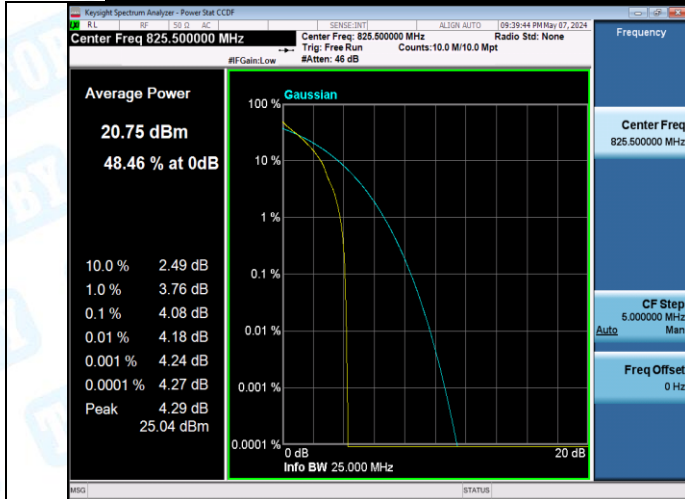
Band5-1.4MHz-16QAM-20643-6RB#0-PASS



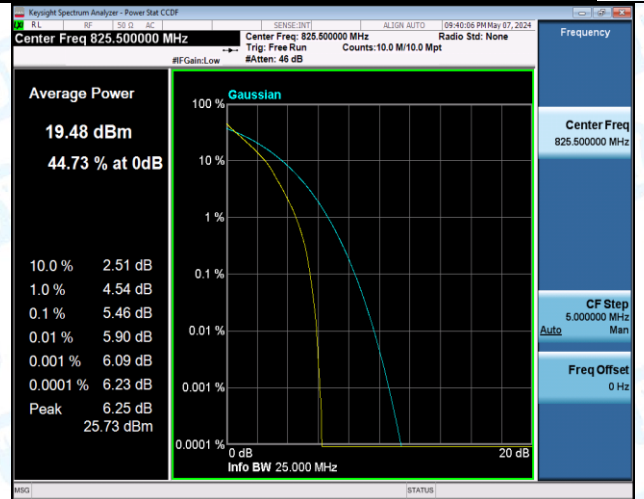
Band5-3MHz-QPSK-20415-1RB#0-PASS



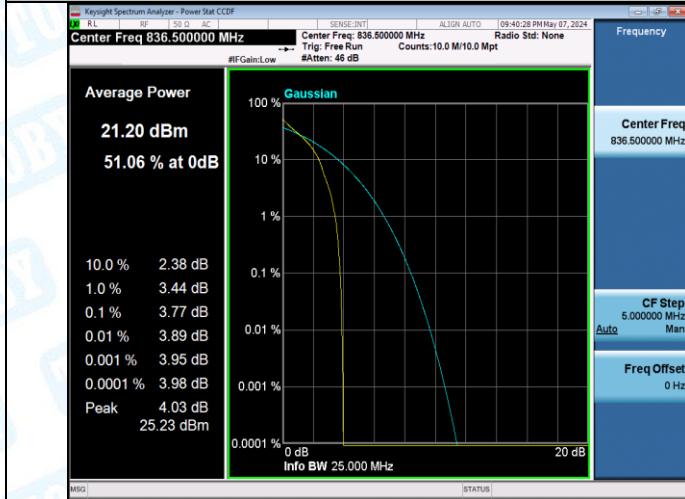
Band5-3MHz-QPSK-20415-15RB#0-PASS



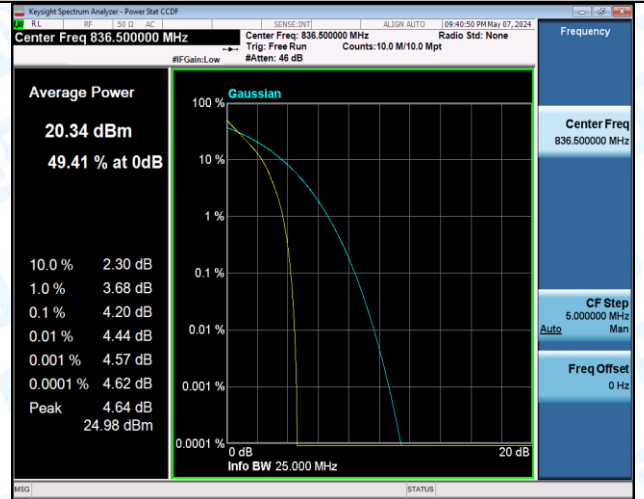
Band5-3MHz-QPSK-20525-1RB#0-PASS



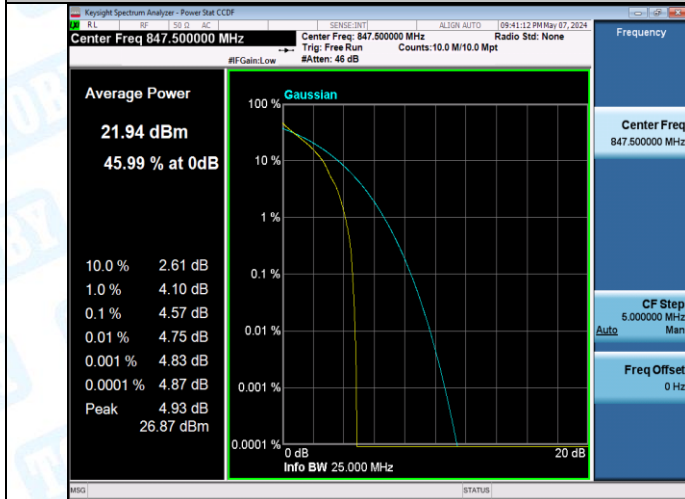
Band5-3MHz-QPSK-20525-15RB#0-PASS



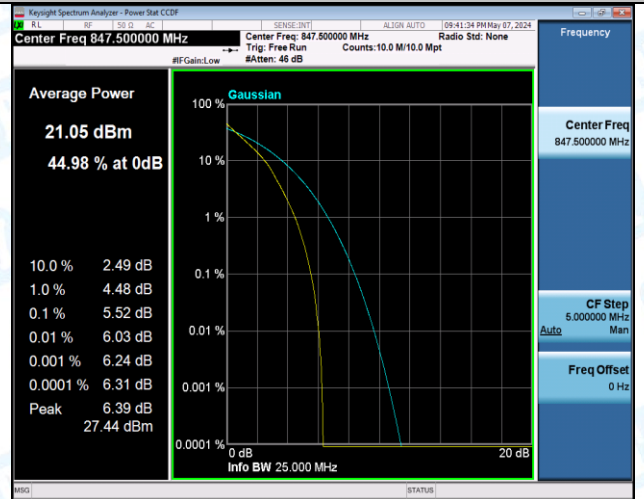
Band5-3MHz-QPSK-20635-1RB#0-PASS



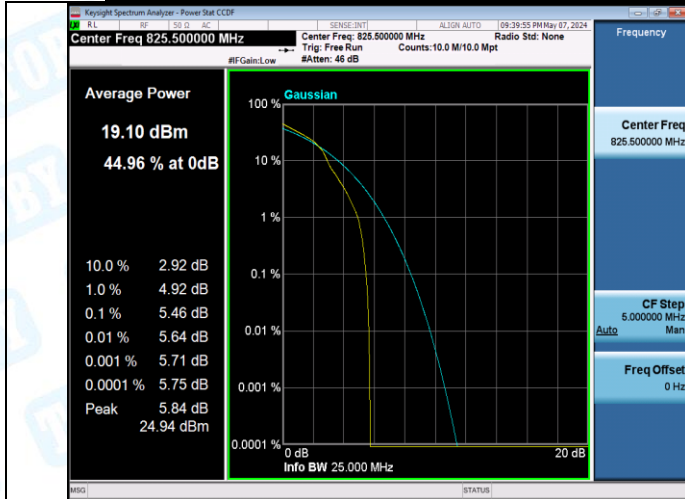
Band5-3MHz-QPSK-20635-15RB#0-PASS



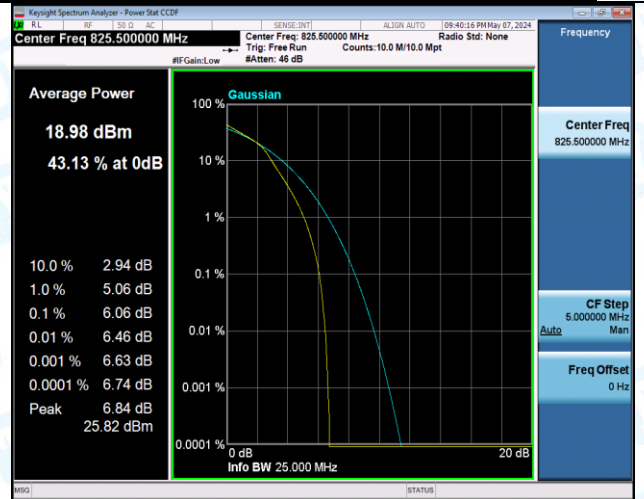
Band5-3MHz-16QAM-20415-1RB#0-PASS



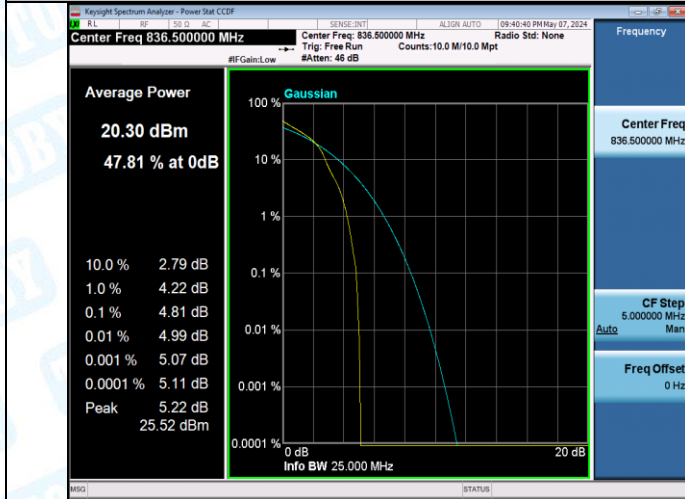
Band5-3MHz-16QAM-20415-15RB#0-PASS



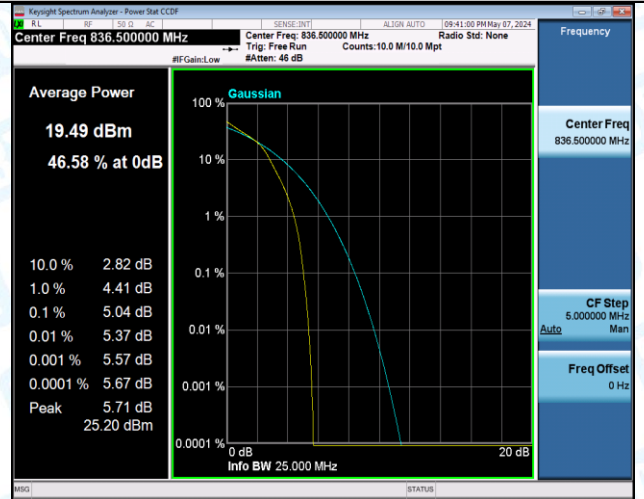
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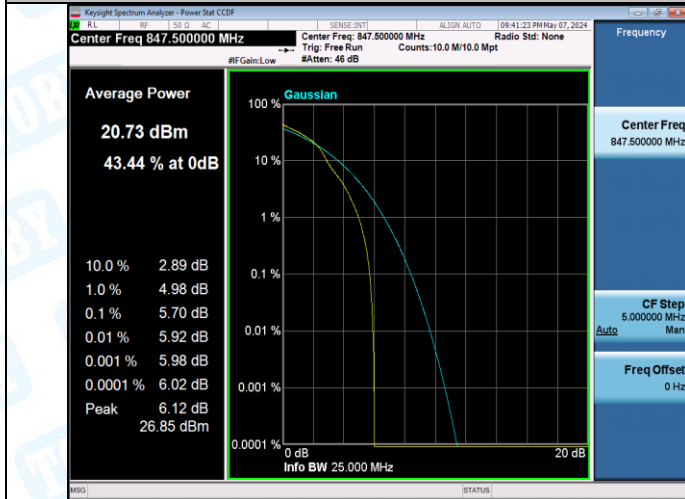
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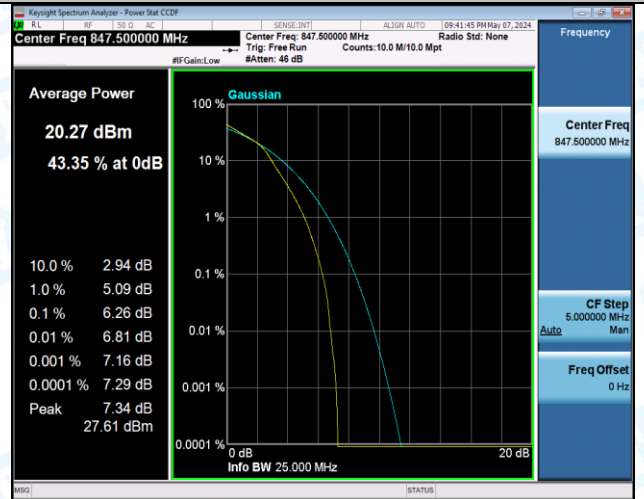
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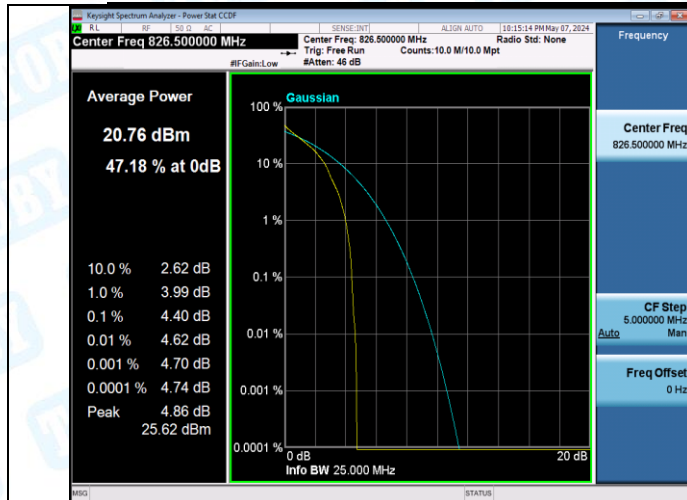
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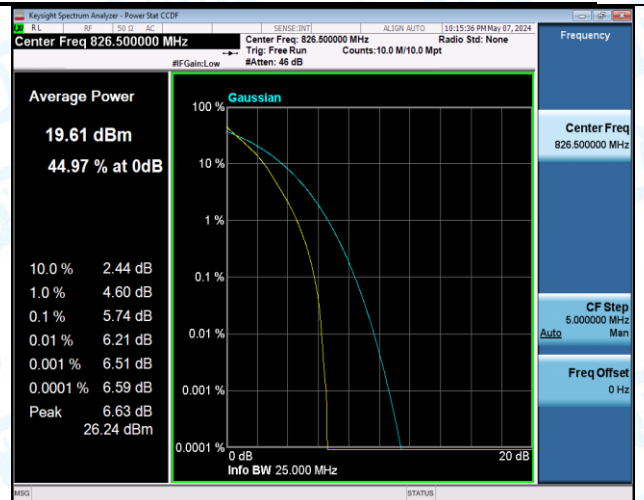
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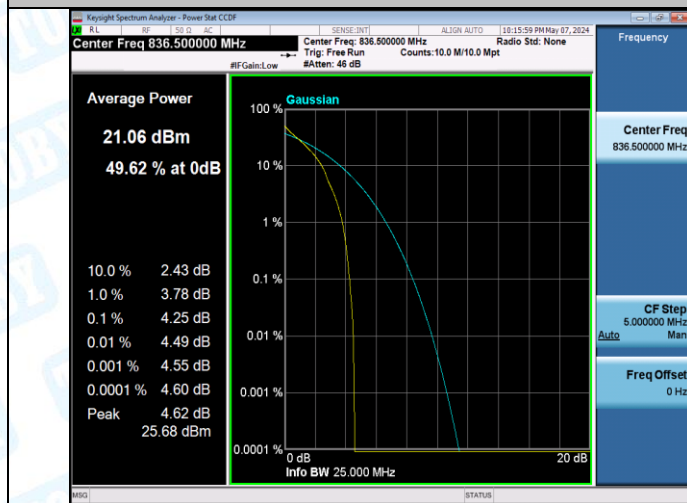
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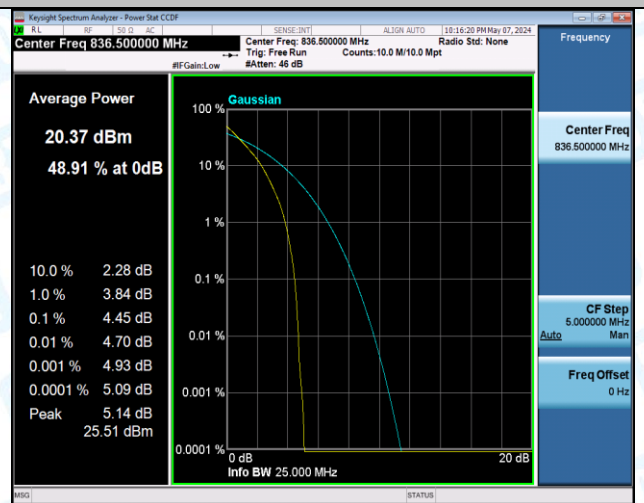
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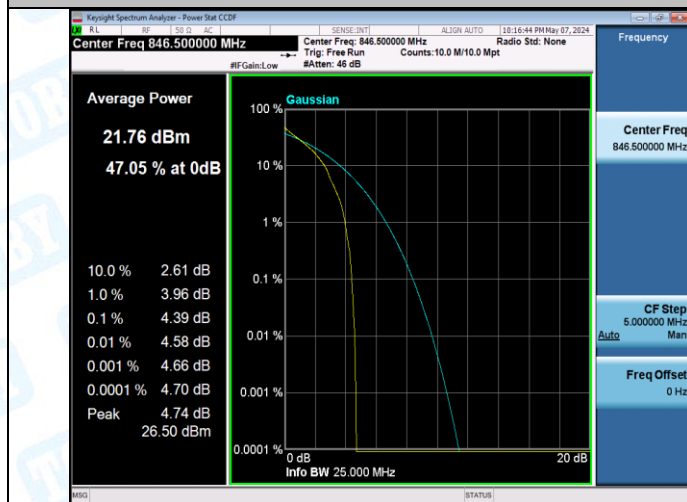
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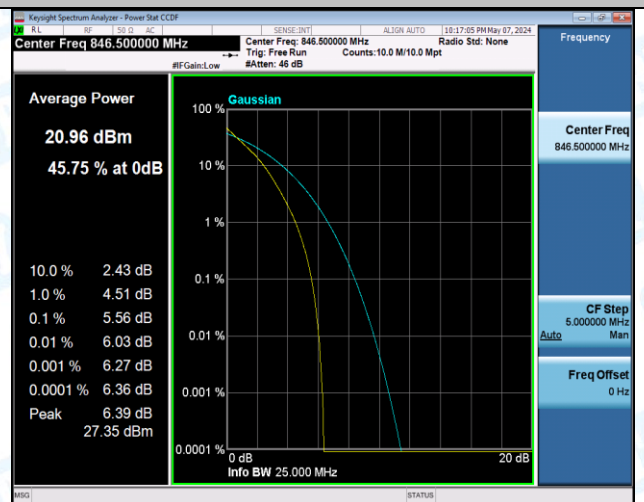
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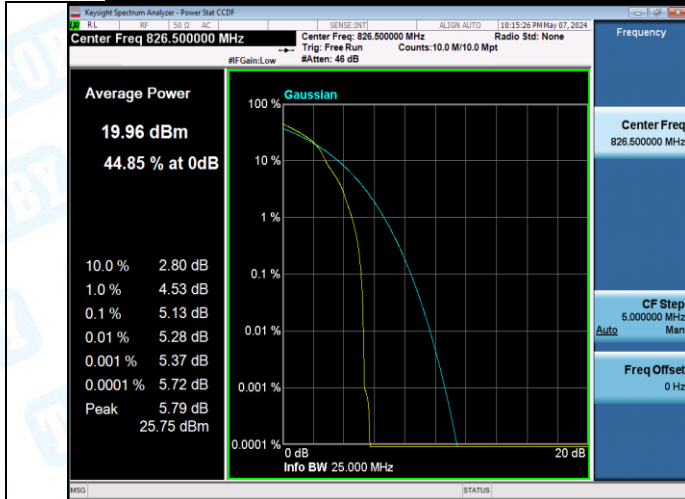
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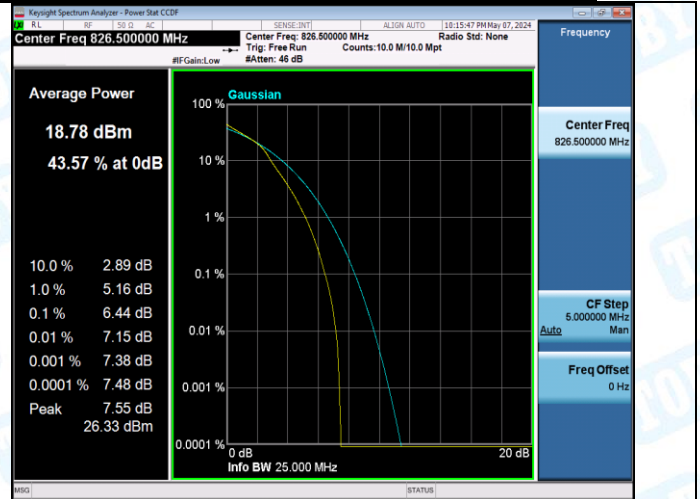
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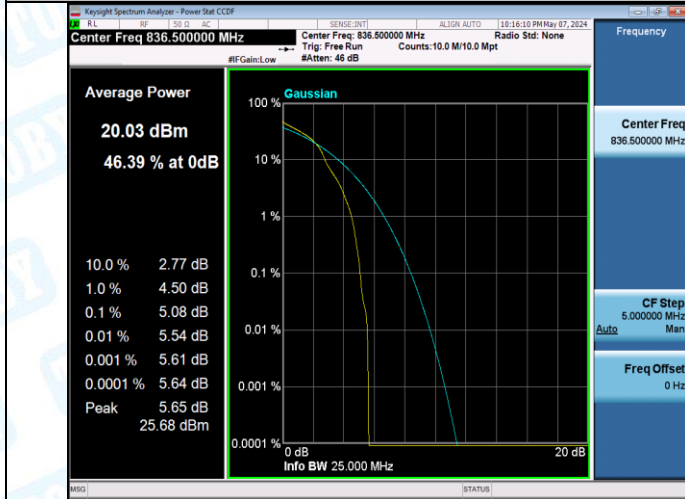
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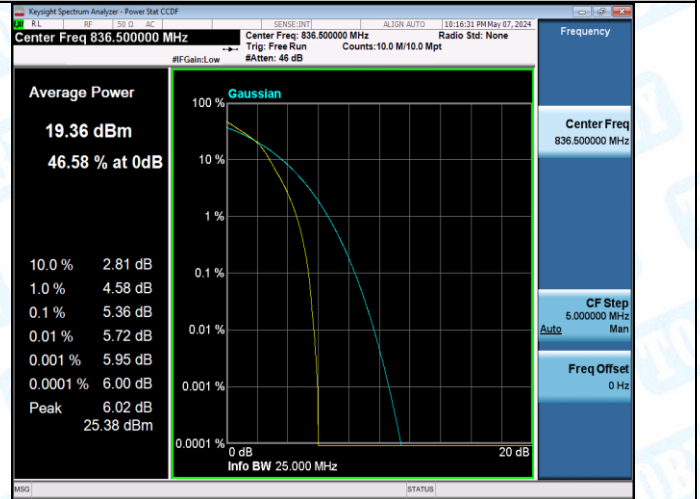
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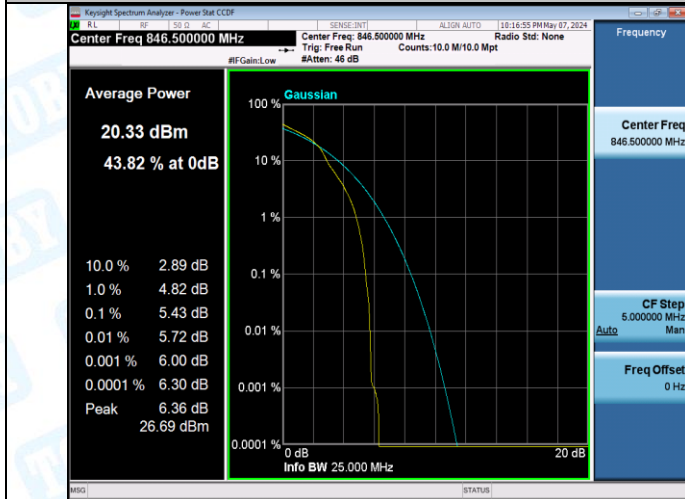
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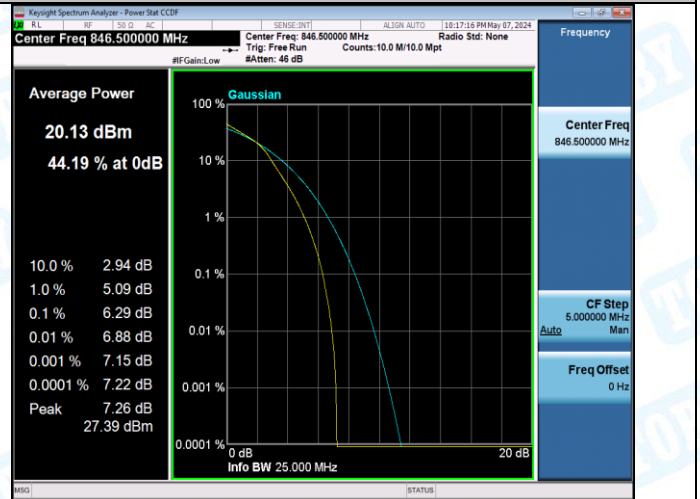
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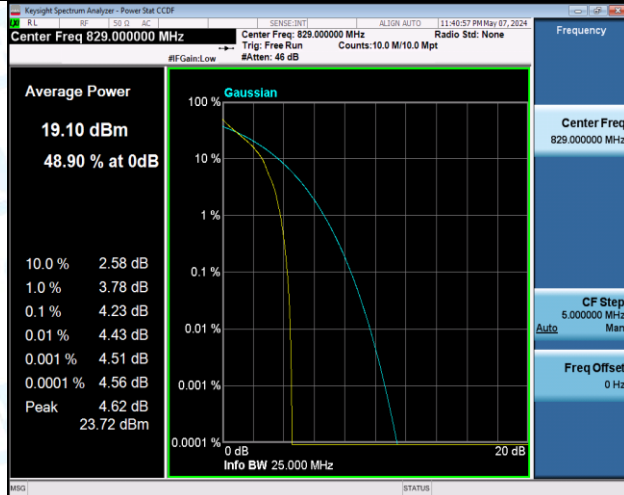
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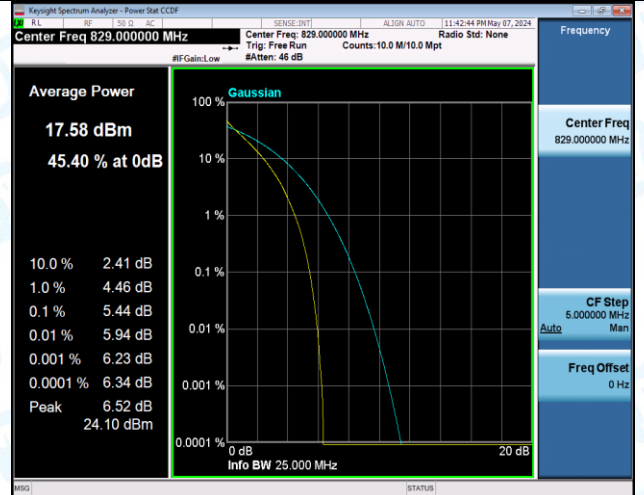
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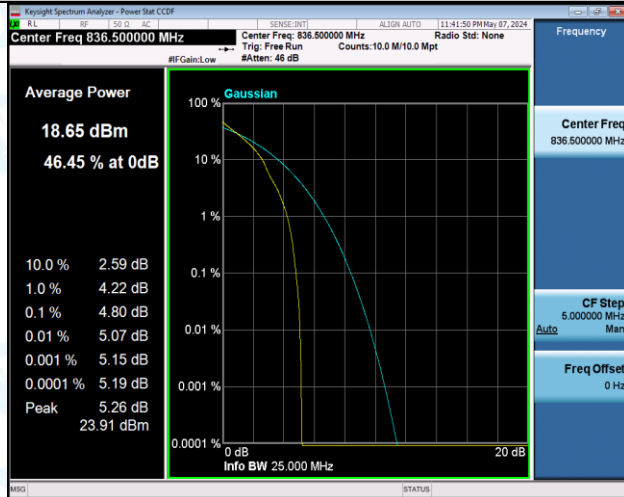
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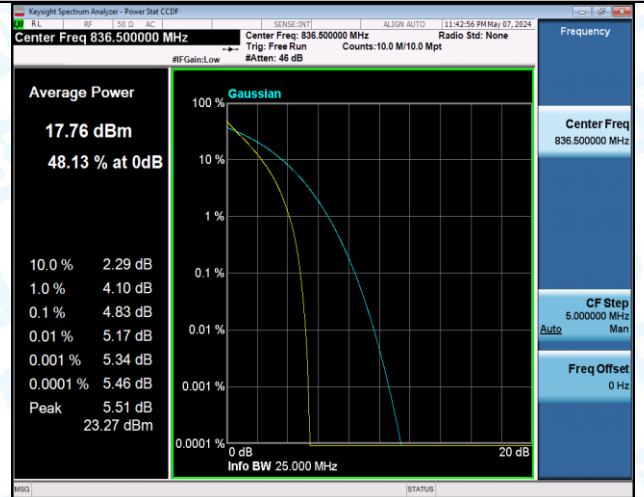
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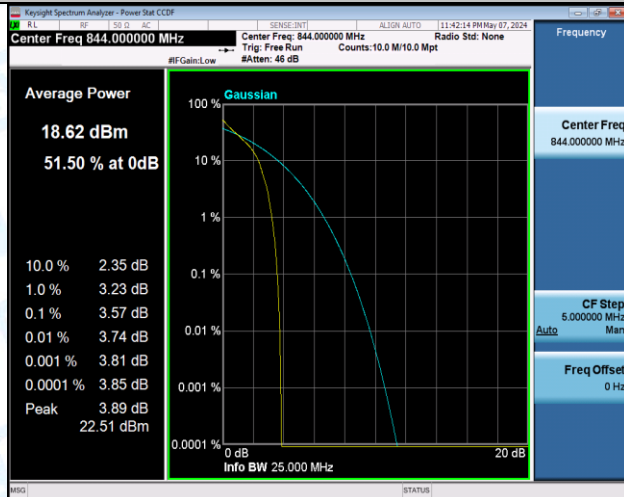
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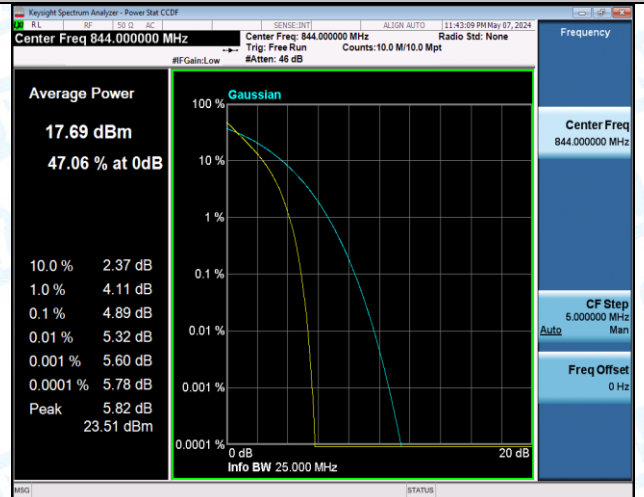
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Band5-10MHz-QPSK-20600-50RB#0-PASS



Band5-10MHz-16QAM-20450-1RB#0-PASS



Band5-10MHz-16QAM-20450-27RB#0-PASS