

LTE Test Data-BAND 5

General Description of EUT	
Product Name:	4G Battery Camera
Test Model:	CQ3
Sample ID:	HC-C-202404-0112-04-01
Environmental Conditions	
Temperature:	22.0℃-25℃
Relative Humidity:	43%-55%
Test Voltage:	DC 5V
Test Engineer:	Mike Yan
Note: For a more detailed features description, please refer to the report TBR-C-202404-0112-41. 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
Band5	1.4MHz	QPSK	20407	1RB#0	22.61	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.74	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.92	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	22.64	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	22.90	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	22.98	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.82	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	22.32	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	22.54	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	22.48	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	22.46	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	22.44	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	22.40	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	21.51	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.79	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.58	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.46	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.55	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.52	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.40	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.31	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	21.66	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	21.81	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	21.82	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	21.56	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.64	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.74	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	20.76	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	21.51	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	21.47	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	21.41	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	21.29	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	21.28	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	21.24	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	20.47	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.57	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.24	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.22	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.37	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.33	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.16	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.34	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.41	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.02	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.13	PASS
Band5	3MHz	QPSK	20415	8RB#0	21.86	PASS
Band5	3MHz	QPSK	20415	8RB#4	21.84	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.23	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.98	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.33	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.56	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.41	PASS
Band5	3MHz	QPSK	20525	8RB#0	21.52	PASS
Band5	3MHz	QPSK	20525	8RB#4	21.53	PASS
Band5	3MHz	QPSK	20525	8RB#7	21.51	PASS
Band5	3MHz	QPSK	20525	15RB#0	21.51	PASS
Band5	3MHz	QPSK	20635	1RB#0	24.24	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.96	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.53	PASS
Band5	3MHz	QPSK	20635	8RB#0	23.01	PASS
Band5	3MHz	QPSK	20635	8RB#4	23.01	PASS

Band5	3MHz	QPSK	20635	8RB#7	22.64	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.77	PASS
Band5	3MHz	16QAM	20415	1RB#0	21.69	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.23	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.47	PASS
Band5	3MHz	16QAM	20415	8RB#0	20.97	PASS
Band5	3MHz	16QAM	20415	8RB#4	20.95	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.34	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.03	PASS
Band5	3MHz	16QAM	20525	1RB#0	21.51	PASS
Band5	3MHz	16QAM	20525	1RB#8	21.53	PASS
Band5	3MHz	16QAM	20525	1RB#14	21.35	PASS
Band5	3MHz	16QAM	20525	8RB#0	20.52	PASS
Band5	3MHz	16QAM	20525	8RB#4	20.52	PASS
Band5	3MHz	16QAM	20525	8RB#7	20.62	PASS
Band5	3MHz	16QAM	20525	15RB#0	20.64	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.93	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.80	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.37	PASS
Band5	3MHz	16QAM	20635	8RB#0	22.05	PASS
Band5	3MHz	16QAM	20635	8RB#4	22.02	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.66	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.71	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.97	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.53	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.67	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.05	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.04	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.50	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.32	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.69	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.52	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.58	PASS
Band5	5MHz	QPSK	20525	12RB#0	21.57	PASS
Band5	5MHz	QPSK	20525	12RB#6	21.60	PASS
Band5	5MHz	QPSK	20525	12RB#13	21.59	PASS
Band5	5MHz	QPSK	20525	25RB#0	21.56	PASS
Band5	5MHz	QPSK	20625	1RB#0	24.64	PASS
Band5	5MHz	QPSK	20625	1RB#12	24.32	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.76	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.97	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.98	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.59	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.81	PASS
Band5	5MHz	16QAM	20425	1RB#0	21.52	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.17	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.33	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.13	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.13	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.61	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.31	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.00	PASS
Band5	5MHz	16QAM	20525	1RB#12	21.73	PASS
Band5	5MHz	16QAM	20525	1RB#24	21.80	PASS
Band5	5MHz	16QAM	20525	12RB#0	20.66	PASS
Band5	5MHz	16QAM	20525	12RB#6	20.67	PASS
Band5	5MHz	16QAM	20525	12RB#13	20.65	PASS
Band5	5MHz	16QAM	20525	25RB#0	20.54	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.26	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.91	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.33	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.92	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.92	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.54	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.75	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.87	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.95	PASS

Band5	10MHz	QPSK	20450	25RB#0	22.14	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.15	PASS
Band5	10MHz	QPSK	20450	25RB#25	21.98	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.18	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.09	PASS
Band5	10MHz	QPSK	20525	1RB#24	22.40	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.75	PASS
Band5	10MHz	QPSK	20525	25RB#0	21.62	PASS
Band5	10MHz	QPSK	20525	25RB#12	21.65	PASS
Band5	10MHz	QPSK	20525	25RB#25	21.58	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.85	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.92	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.86	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.17	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.65	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.66	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.91	PASS
Band5	10MHz	16QAM	20450	1RB#0	21.78	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.43	PASS
Band5	10MHz	16QAM	20450	1RB#49	21.91	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.23	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.24	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.08	PASS
Band5	10MHz	16QAM	20525	1RB#0	21.92	PASS
Band5	10MHz	16QAM	20525	1RB#24	21.31	PASS
Band5	10MHz	16QAM	20525	1RB#49	21.70	PASS
Band5	10MHz	16QAM	20525	25RB#0	20.62	PASS
Band5	10MHz	16QAM	20525	25RB#12	20.63	PASS
Band5	10MHz	16QAM	20525	25RB#25	20.54	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.57	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.70	PASS
Band5	10MHz	16QAM	20600	1RB#49	21.99	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.66	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.65	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.49	PASS

2: Peak-to-Average Ratio(CCDF)

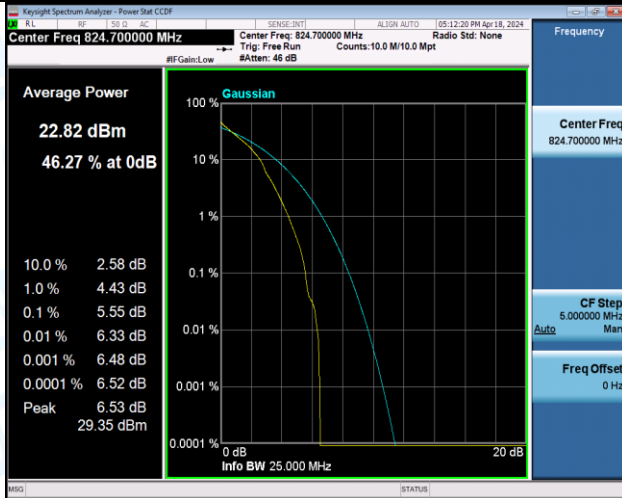
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	5.55	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.70	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	5.56	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.73	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	4.93	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.45	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	6.49	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.35	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	6.55	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.36	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	5.95	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.16	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	5.57	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.55	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	5.64	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.60	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.81	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.44	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	6.26	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.25	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	6.30	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.31	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	5.57	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.23	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.33	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.59	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	5.39	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.61	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.73	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.39	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	6.08	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.21	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	6.22	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.20	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	5.71	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.04	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	5.49	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.46	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	5.22	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.63	13	PASS

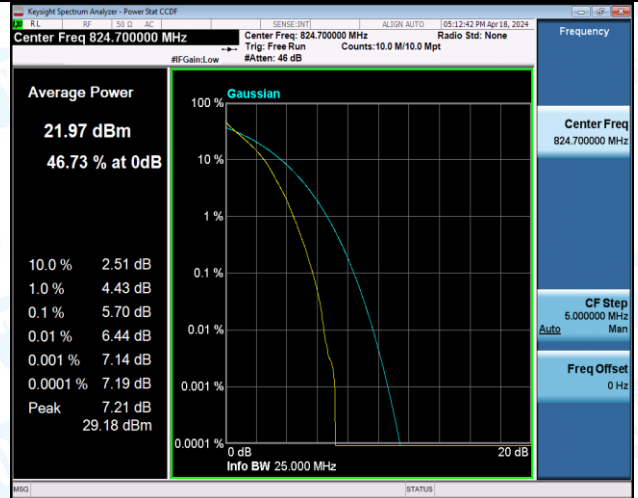
Band5	10MHz	QPSK	20600	1RB#0	5.45	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.39	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	6.17	13	PASS
Band5	10MHz	16QAM	20450	27RB#0	6.43	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.76	13	PASS
Band5	10MHz	16QAM	20525	27RB#0	6.32	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	6.07	13	PASS
Band5	10MHz	16QAM	20600	27RB#0	11.48	13	PASS

Test Graphs

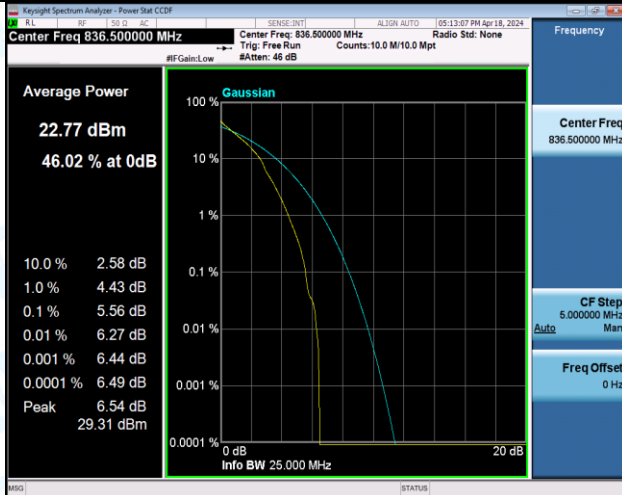
Band5-1.4MHz-QPSK-20407-1RB#0-PASS



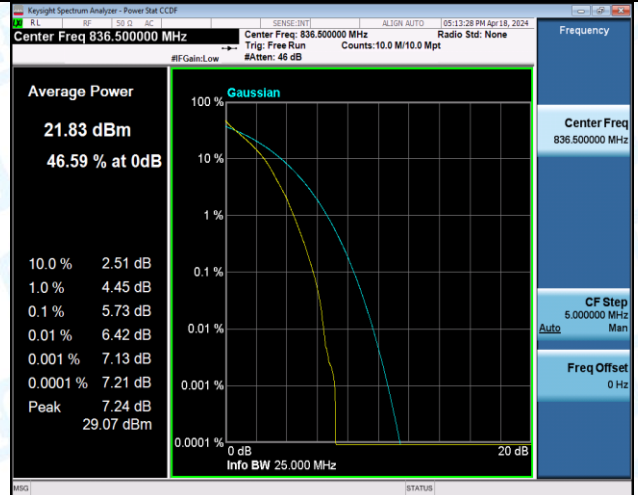
Band5-1.4MHz-QPSK-20407-6RB#0-PASS



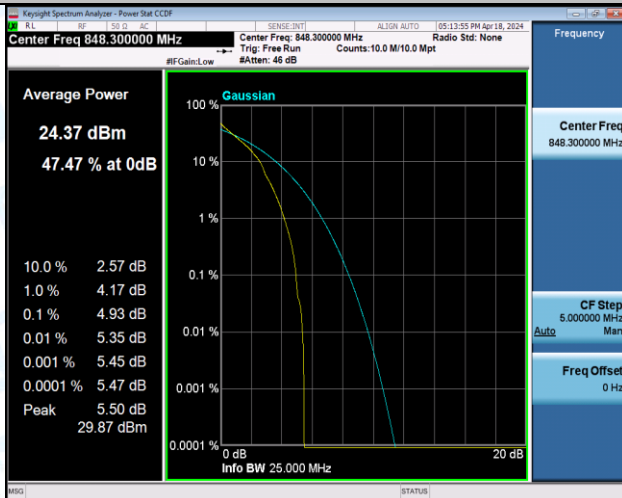
Band5-1.4MHz-QPSK-20525-1RB#0-PASS



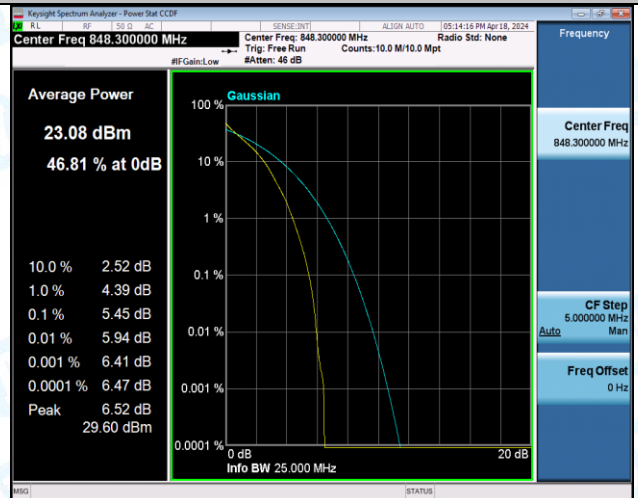
Band5-1.4MHz-QPSK-20525-6RB#0-PASS



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

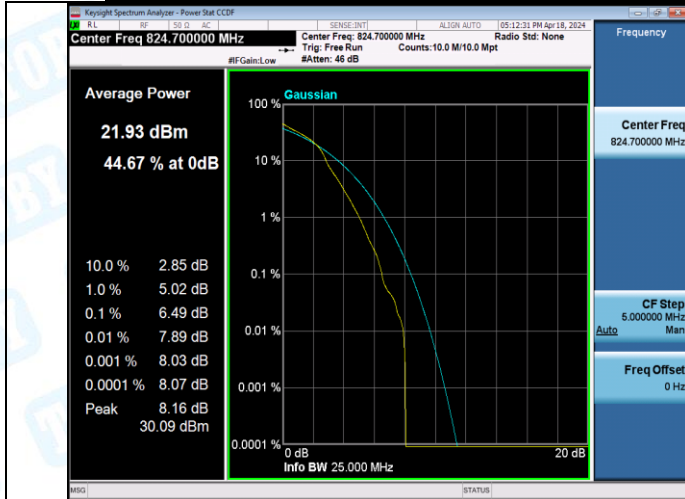


Band5-1.4MHz-QPSK-20643-6RB#0-PASS

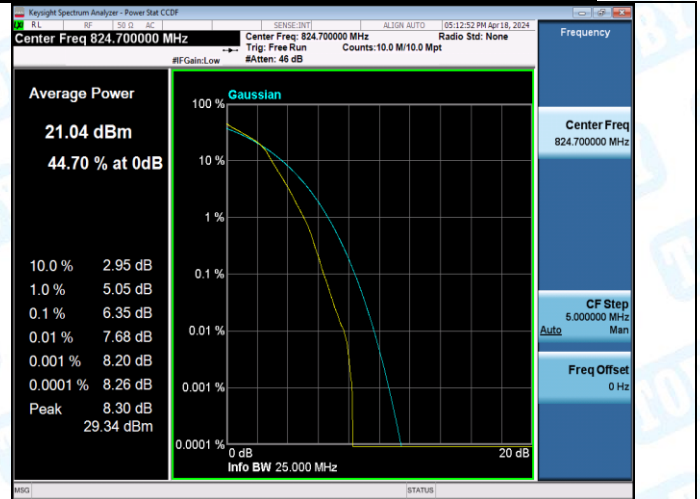


Band5-1.4MHz-16QAM-20407-1RB#0-PASS

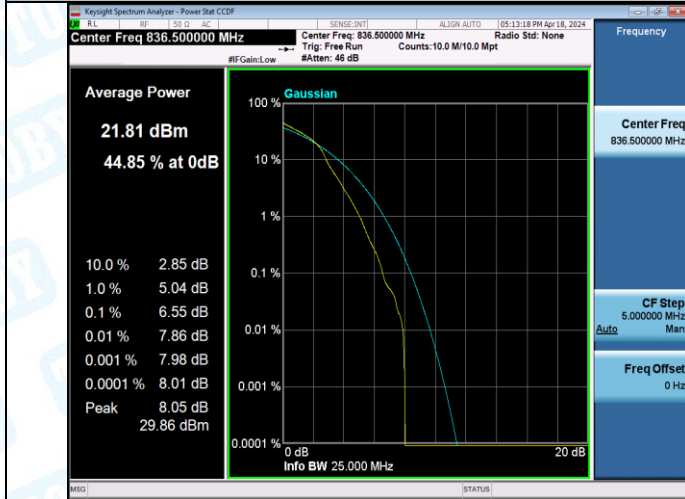
Band5-1.4MHz-16QAM-20407-6RB#0-PASS



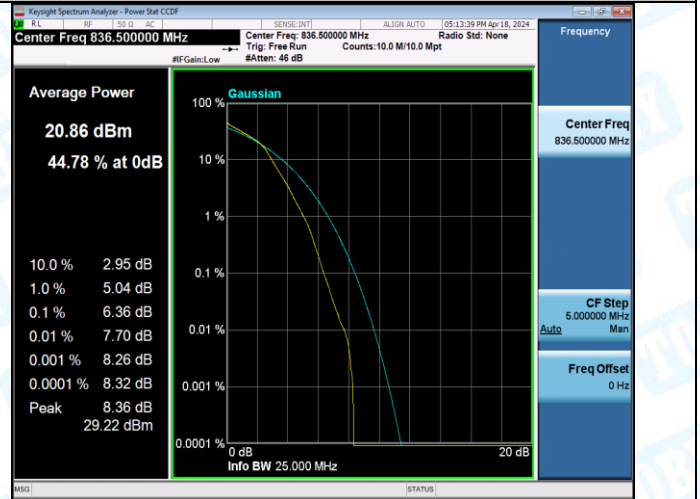
Band5-1.4MHz-16QAM-20525-1RB#0-PASS



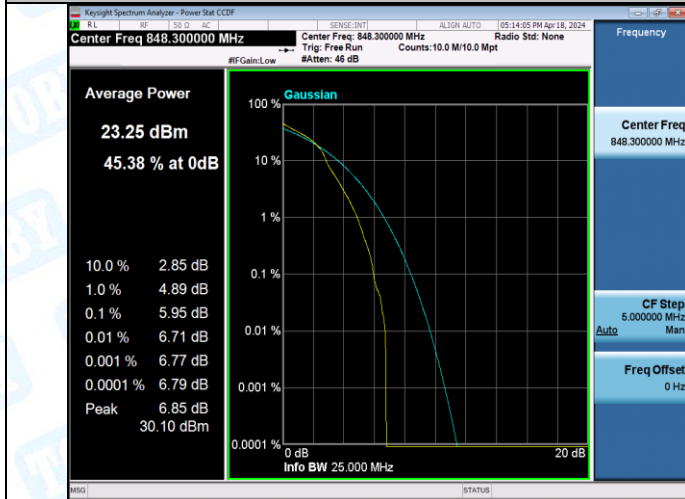
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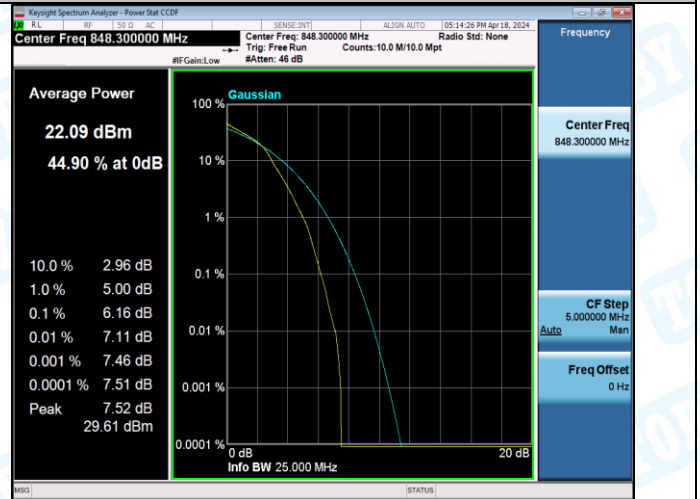
Band5-1.4MHz-16QAM-20643-1RB#0-PASS



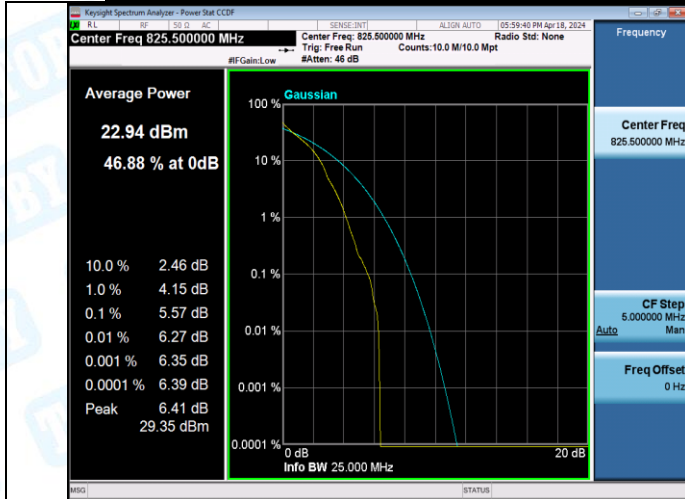
Band5-1.4MHz-16QAM-20643-6RB#0-PASS



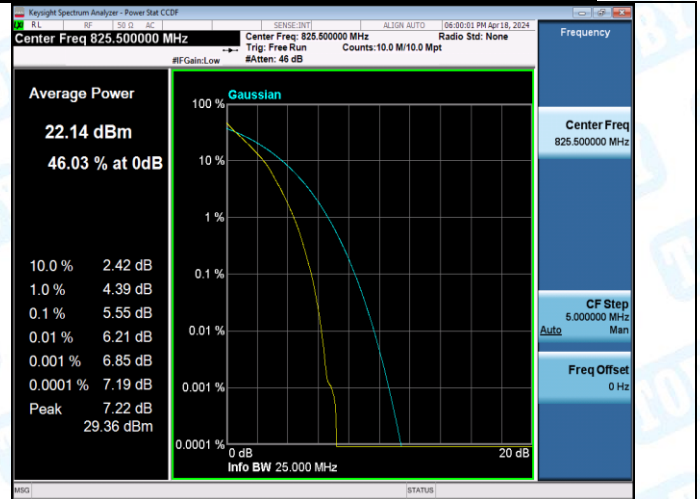
Band5-3MHz-QPSK-20415-1RB#0-PASS



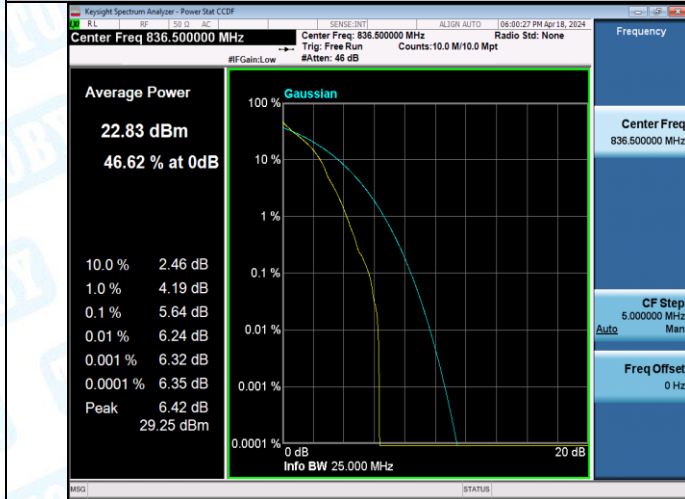
Band5-3MHz-QPSK-20415-15RB#0-PASS



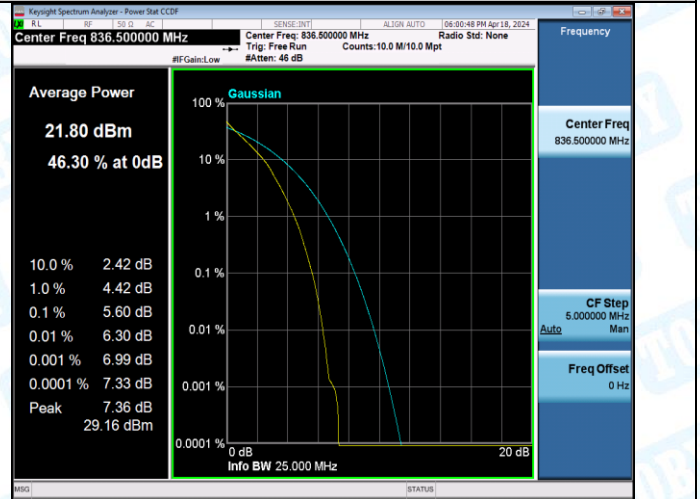
Band5-3MHz-QPSK-20525-1RB#0-PASS



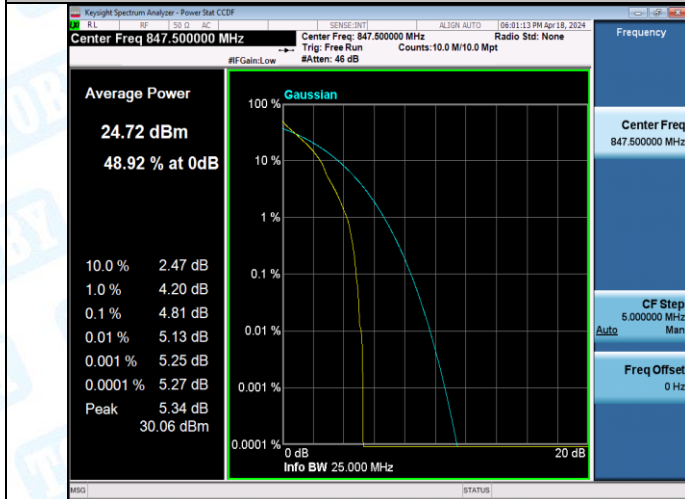
Band5-3MHz-QPSK-20525-15RB#0-PASS



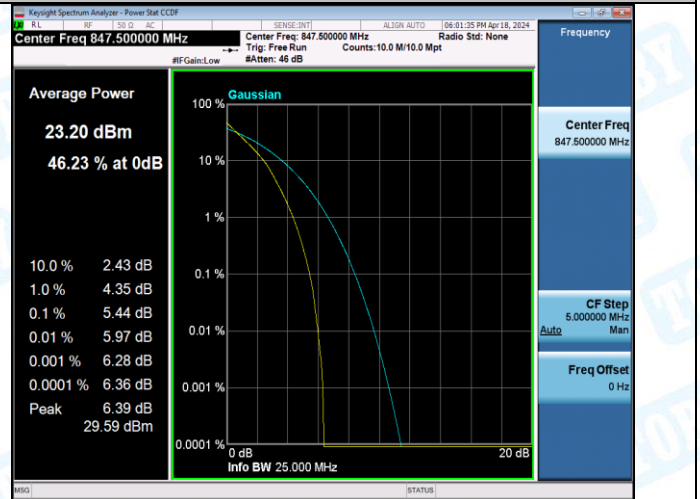
Band5-3MHz-QPSK-20635-1RB#0-PASS



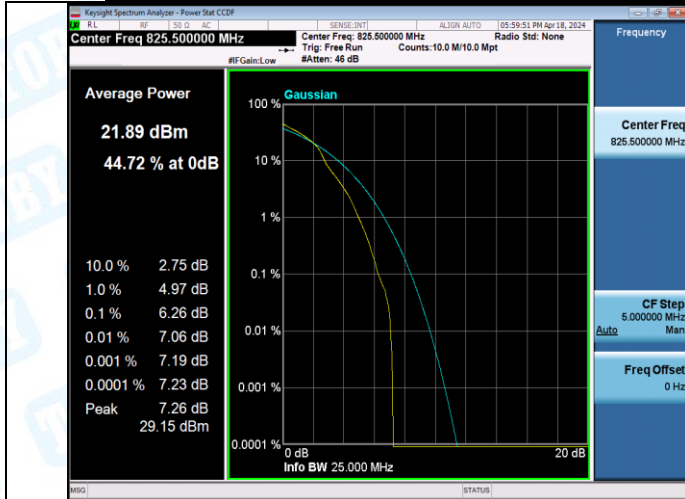
Band5-3MHz-QPSK-20635-15RB#0-PASS



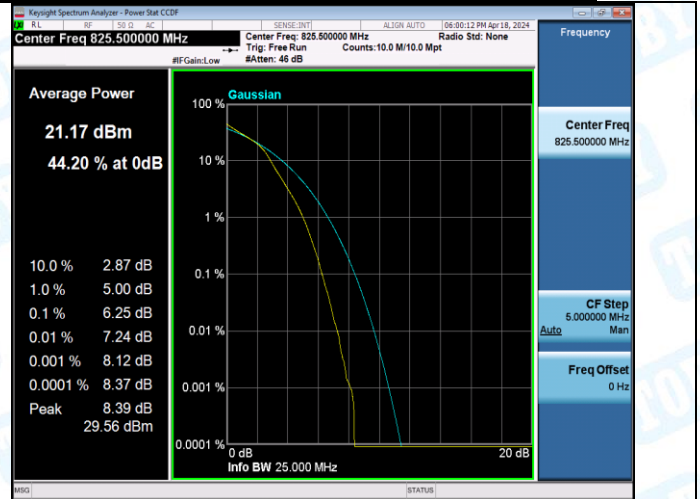
Band5-3MHz-16QAM-20415-1RB#0-PASS



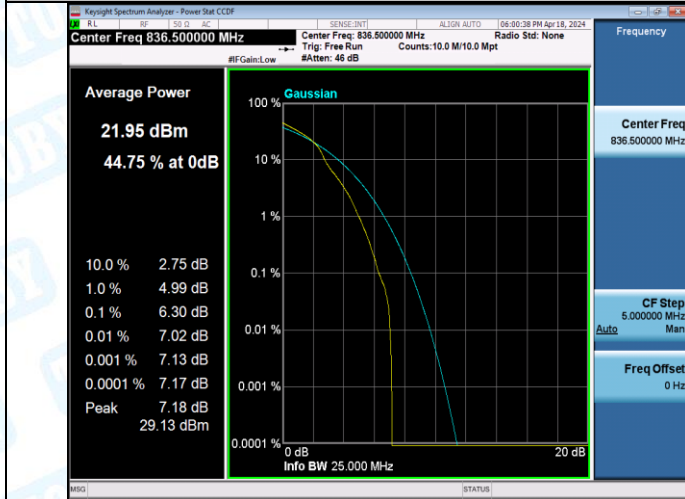
Band5-3MHz-16QAM-20415-15RB#0-PASS



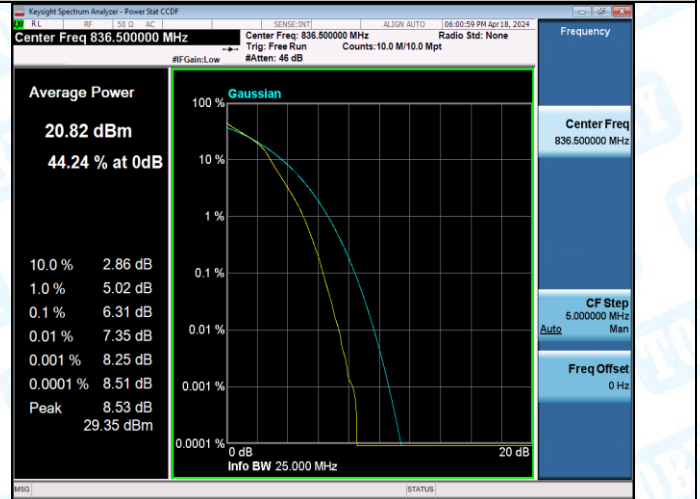
Band5-3MHz-16QAM-20525-1RB#0-PASS



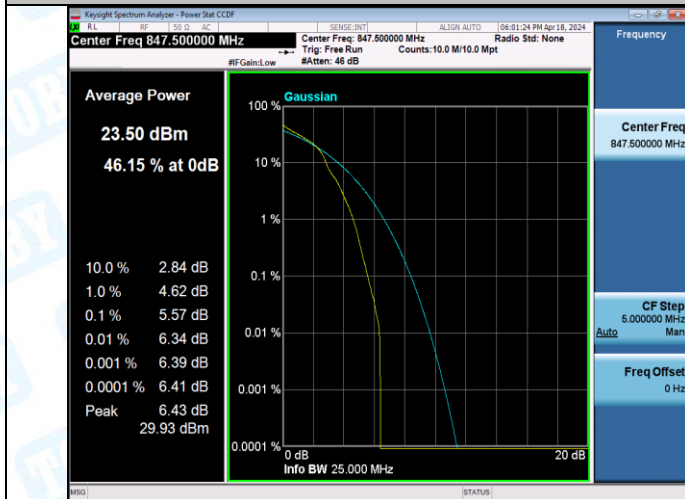
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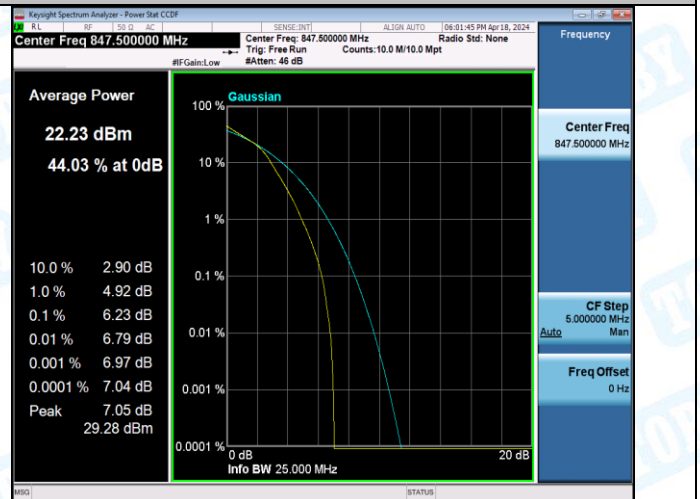
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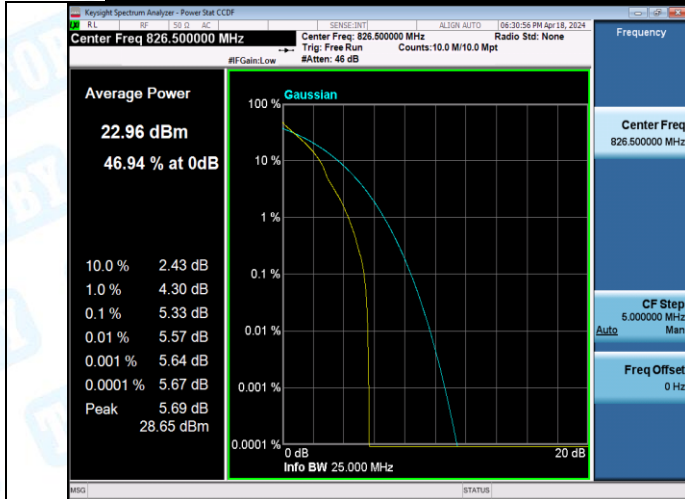
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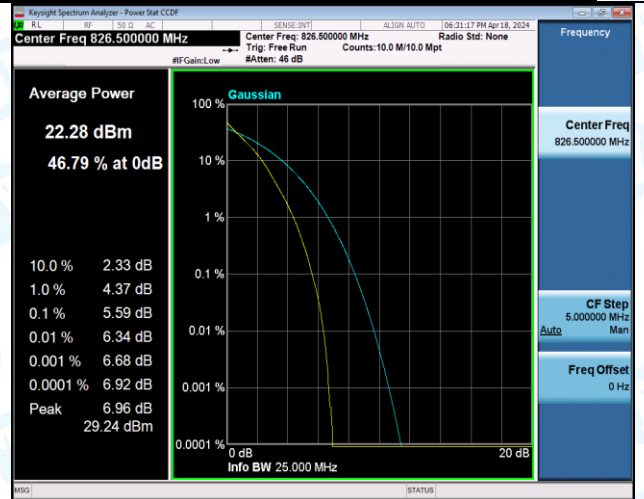
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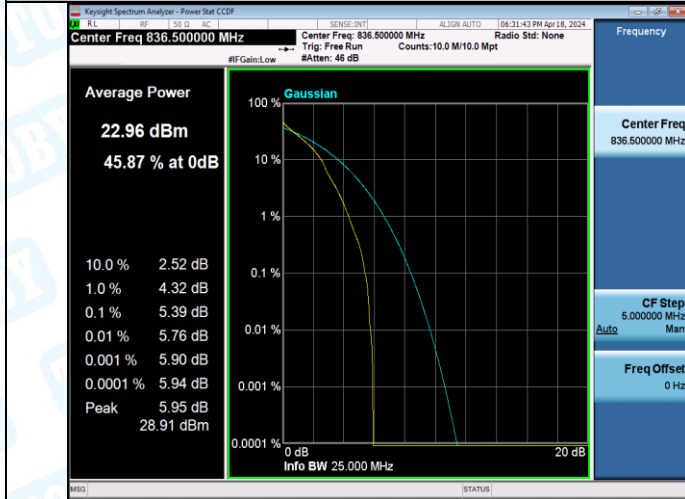
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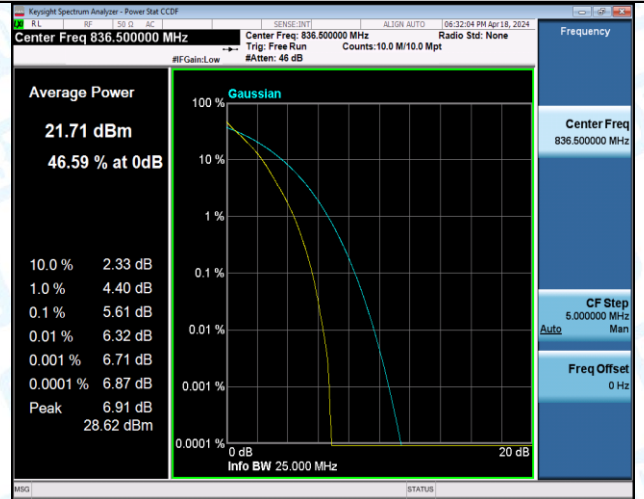
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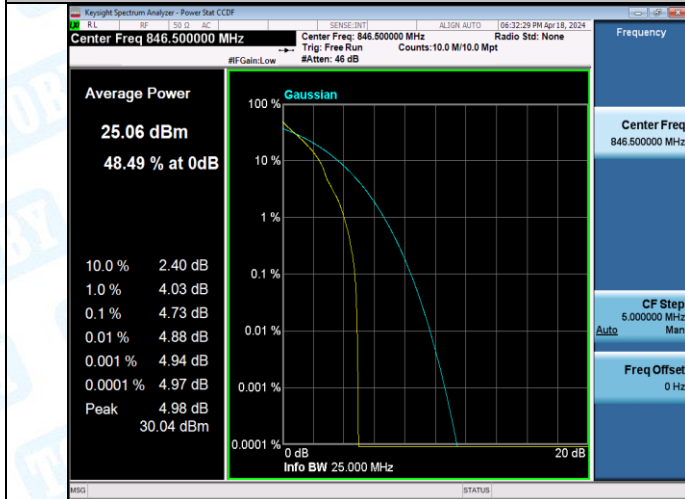
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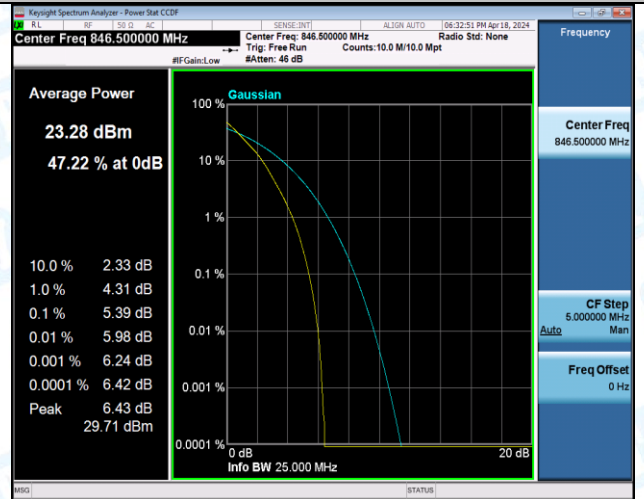
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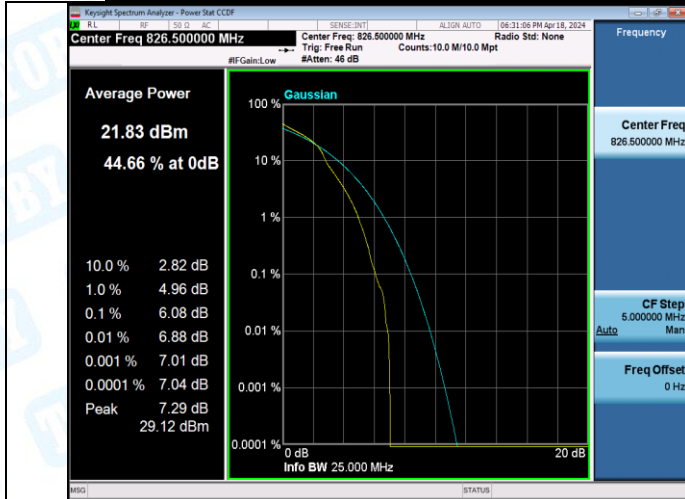
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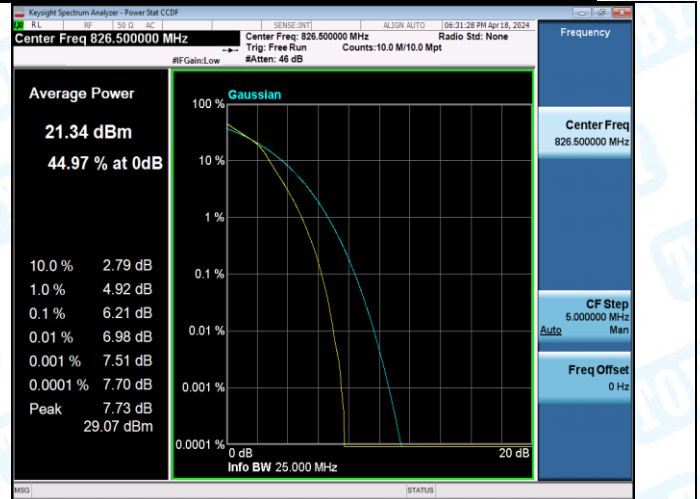
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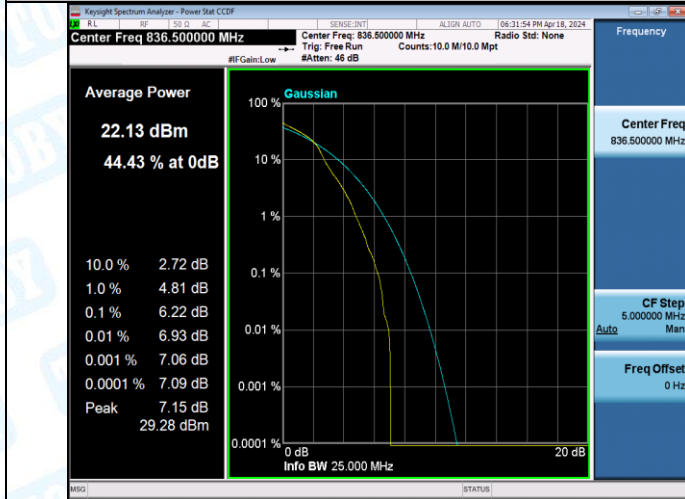
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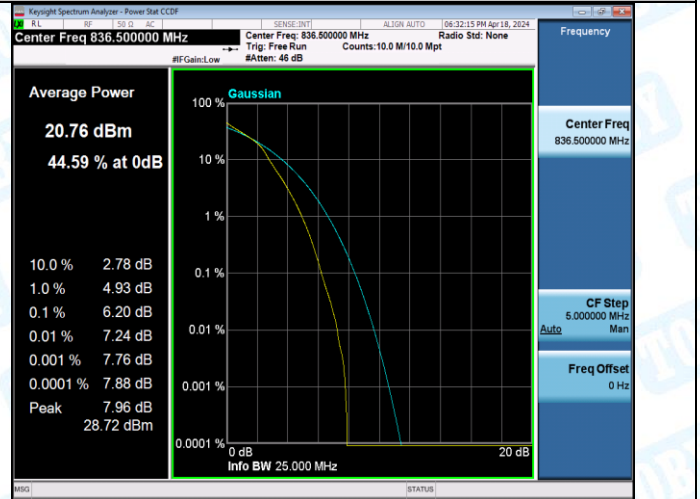
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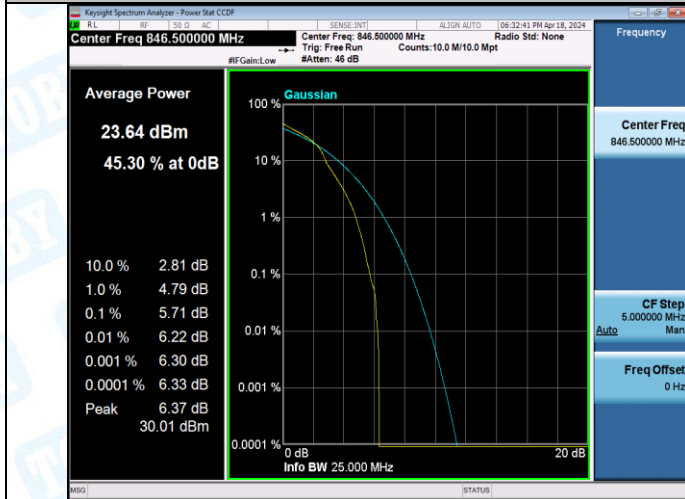
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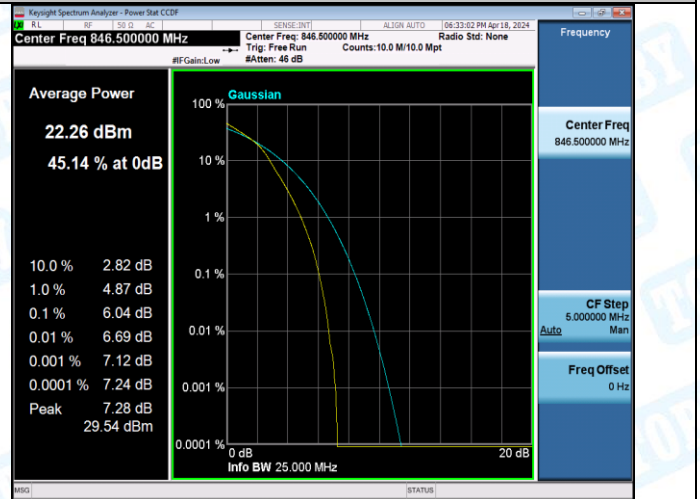
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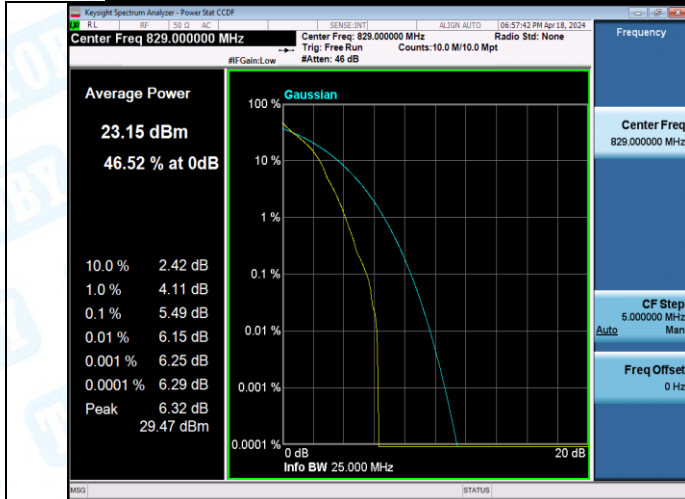
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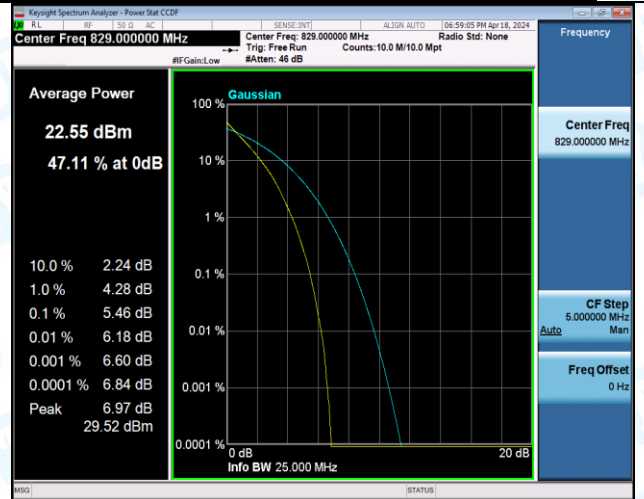
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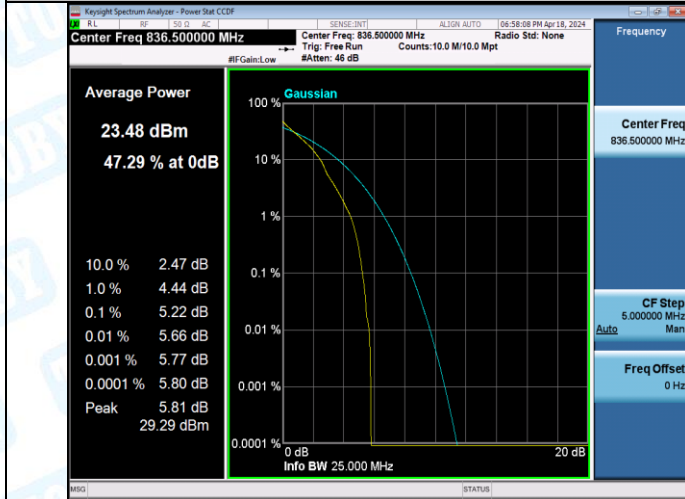
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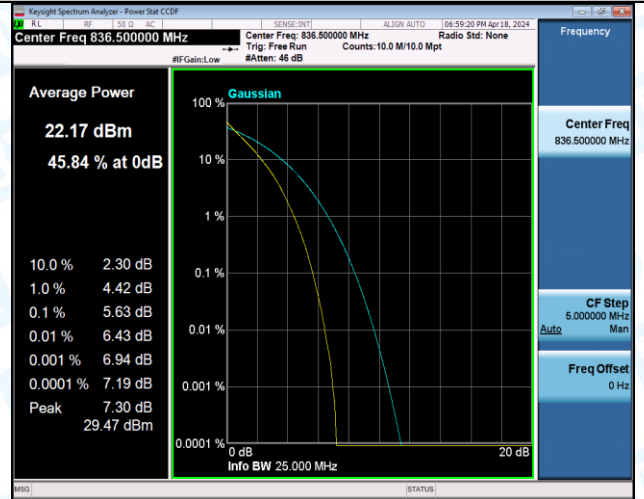
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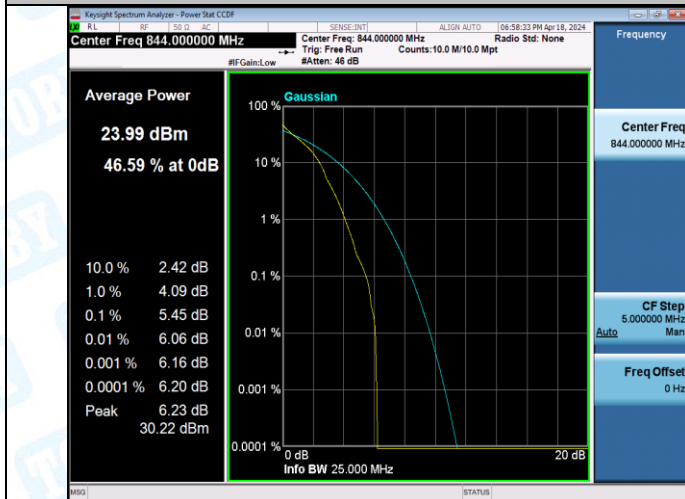
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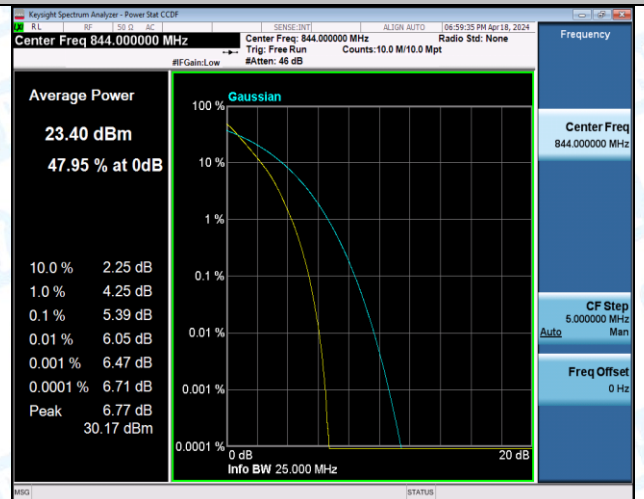
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Band5-10MHz-QPSK-20600-50RB#0-PASS



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



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