

LTE Test Data

General Description of EUT	
Product Name:	4G CAMERA
Test Model:	X10
Sample ID:	HC-C-202405-0316-04-01#
Environmental Conditions	
Temperature:	22.0℃-25℃
Relative Humidity:	43%-55%
Test Voltage:	DC 12V
Test Engineer:	Mike Yan
Note: For a more detailed features description, please refer to the report TBR-C-202405-0316-22 . The report only show the worst case data.	

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1: Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.72	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.38	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.28	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.10	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.05	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.02	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.99	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	24.15	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.76	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.65	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.47	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.45	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.38	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.48	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	24.97	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	24.41	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	24.23	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	24.38	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	24.35	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	24.74	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	23.69	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.59	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.33	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.24	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	23.08	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	23.04	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	23.00	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.98	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.89	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.84	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.52	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.39	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.37	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.31	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.53	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.75	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	23.46	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	23.27	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	23.31	PASS

Band5	1.4MHz	16QAM	20643	3RB#1	23.29	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	23.52	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.67	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.38	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.69	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.56	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.39	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.40	PASS
Band5	3MHz	QPSK	20415	8RB#7	23.24	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.74	PASS
Band5	3MHz	QPSK	20525	1RB#0	24.18	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.86	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.52	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.82	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.83	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.70	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.73	PASS
Band5	3MHz	QPSK	20635	1RB#0	25.18	PASS
Band5	3MHz	QPSK	20635	1RB#8	24.66	PASS
Band5	3MHz	QPSK	20635	1RB#14	24.09	PASS
Band5	3MHz	QPSK	20635	8RB#0	24.47	PASS
Band5	3MHz	QPSK	20635	8RB#4	24.11	PASS
Band5	3MHz	QPSK	20635	8RB#7	23.80	PASS
Band5	3MHz	QPSK	20635	15RB#0	23.69	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.48	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.83	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.81	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.46	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.45	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.13	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.77	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.83	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.79	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.46	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.85	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.85	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.72	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.74	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.93	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.70	PASS
Band5	3MHz	16QAM	20635	1RB#14	23.15	PASS
Band5	3MHz	16QAM	20635	8RB#0	23.30	PASS
Band5	3MHz	16QAM	20635	8RB#4	23.18	PASS
Band5	3MHz	16QAM	20635	8RB#7	22.78	PASS

Band5	3MHz	16QAM	20635	15RB#0	22.71	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.58	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.81	PASS
Band5	5MHz	QPSK	20425	1RB#24	24.01	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.52	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.51	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.92	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.74	PASS
Band5	5MHz	QPSK	20525	1RB#0	24.13	PASS
Band5	5MHz	QPSK	20525	1RB#12	24.23	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.76	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.93	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.76	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.53	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.62	PASS
Band5	5MHz	QPSK	20625	1RB#0	25.08	PASS
Band5	5MHz	QPSK	20625	1RB#12	24.51	PASS
Band5	5MHz	QPSK	20625	1RB#24	24.02	PASS
Band5	5MHz	QPSK	20625	12RB#0	23.51	PASS
Band5	5MHz	QPSK	20625	12RB#6	23.51	PASS
Band5	5MHz	QPSK	20625	12RB#13	23.28	PASS
Band5	5MHz	QPSK	20625	25RB#0	24.06	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.18	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.59	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.82	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.59	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.58	PASS
Band5	5MHz	16QAM	20425	12RB#13	22.01	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.73	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.06	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.71	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.48	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.98	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.96	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.74	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.71	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.92	PASS
Band5	5MHz	16QAM	20625	1RB#12	23.65	PASS
Band5	5MHz	16QAM	20625	1RB#24	23.18	PASS
Band5	5MHz	16QAM	20625	12RB#0	22.61	PASS
Band5	5MHz	16QAM	20625	12RB#6	22.61	PASS
Band5	5MHz	16QAM	20625	12RB#13	22.37	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.80	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.32	PASS

Band5	10MHz	QPSK	20450	1RB#24	23.73	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.44	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.56	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.55	PASS
Band5	10MHz	QPSK	20450	25RB#25	23.10	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.99	PASS
Band5	10MHz	QPSK	20525	1RB#0	24.71	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.86	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.73	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.92	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.93	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.60	PASS
Band5	10MHz	QPSK	20525	50RB#0	23.27	PASS
Band5	10MHz	QPSK	20600	1RB#0	24.03	PASS
Band5	10MHz	QPSK	20600	1RB#24	24.14	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.66	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.80	PASS
Band5	10MHz	QPSK	20600	25RB#12	23.20	PASS
Band5	10MHz	QPSK	20600	25RB#25	23.27	PASS
Band5	10MHz	QPSK	20600	50RB#0	23.57	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.32	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.94	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.66	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.81	PASS
Band5	10MHz	16QAM	20450	25RB#12	22.31	PASS
Band5	10MHz	16QAM	20450	25RB#25	22.13	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.40	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.59	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.65	PASS
Band5	10MHz	16QAM	20525	25RB#0	22.01	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.00	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.67	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.69	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.03	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.60	PASS
Band5	10MHz	16QAM	20600	25RB#0	22.50	PASS
Band5	10MHz	16QAM	20600	25RB#12	22.30	PASS
Band5	10MHz	16QAM	20600	25RB#25	22.27	PASS

2: Peak-to-Average Ratio(CCDF)

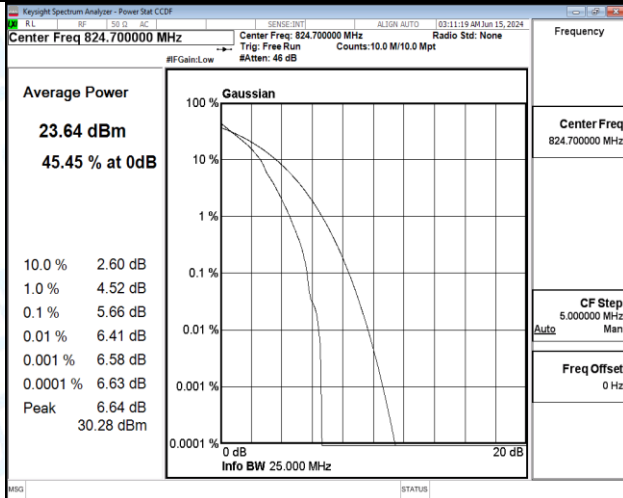
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	5.66	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.82	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	5.40	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.71	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	4.60	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.18	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	6.68	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.44	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	6.39	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.39	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	5.30	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.08	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	5.75	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.71	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	5.45	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.70	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	6.69	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.11	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	6.48	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.40	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	6.16	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.39	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	5.50	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.98	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.56	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.76	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	5.21	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.76	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	5.02	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.40	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	6.29	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.35	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.98	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.36	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	5.86	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.10	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	5.76	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.50	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.76	13	PASS

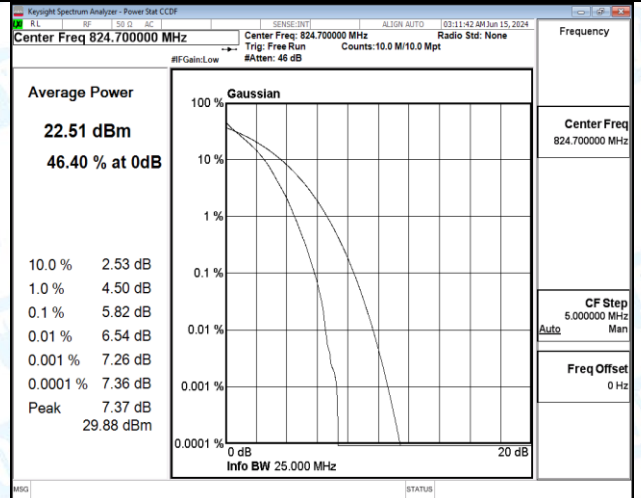
Band5	10MHz	QPSK	20525	50RB#0	5.60	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	5.65	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.58	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	6.45	13	PASS
Band5	10MHz	16QAM	20450	27RB#0	6.40	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.46	13	PASS
Band5	10MHz	16QAM	20525	27RB#0	6.05	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	9.28	13	PASS
Band5	10MHz	16QAM	20600	27RB#0	6.40	13	PASS

Test Graphs

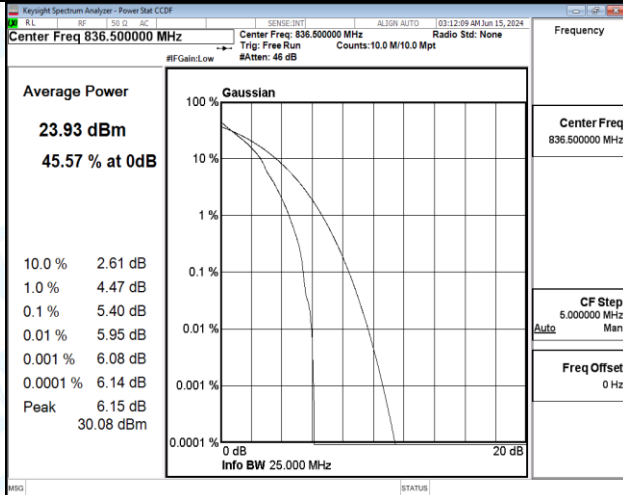
Band5-1.4MHz-QPSK-20407-1RB#0-PASS



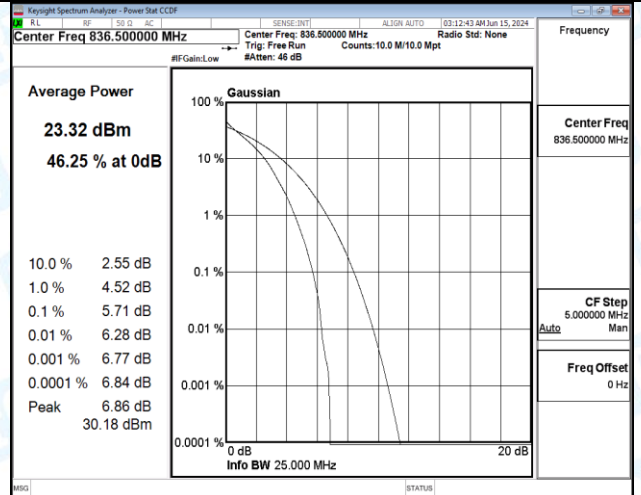
Band5-1.4MHz-QPSK-20407-6RB#0-PASS



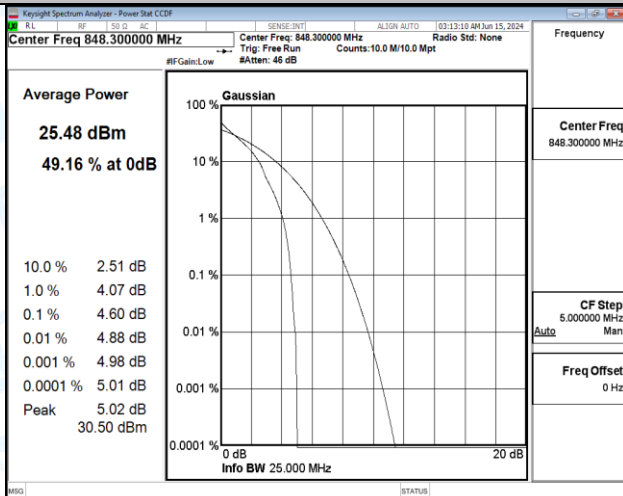
Band5-1.4MHz-QPSK-20525-1RB#0-PASS



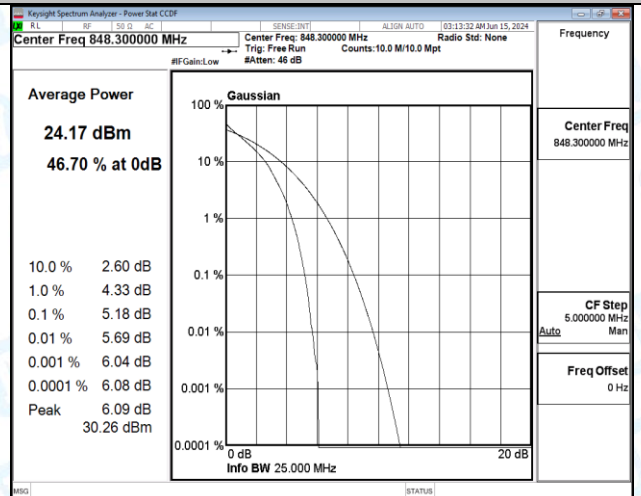
Band5-1.4MHz-QPSK-20525-6RB#0-PASS



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

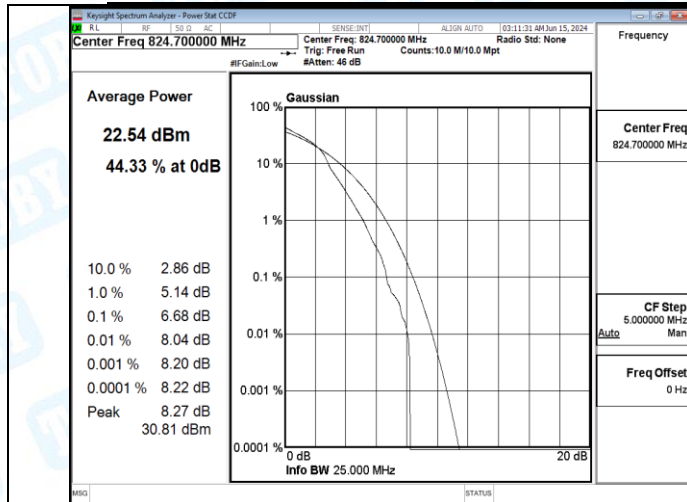


Band5-1.4MHz-QPSK-20643-6RB#0-PASS

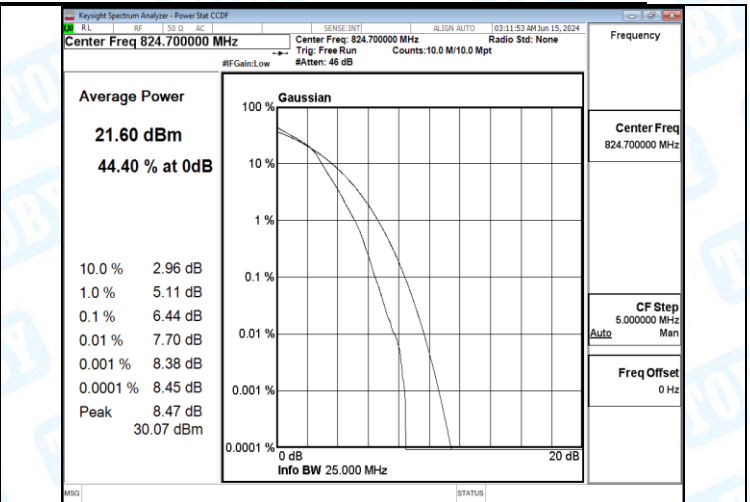


Band5-1.4MHz-16QAM-20407-1RB#0-PASS

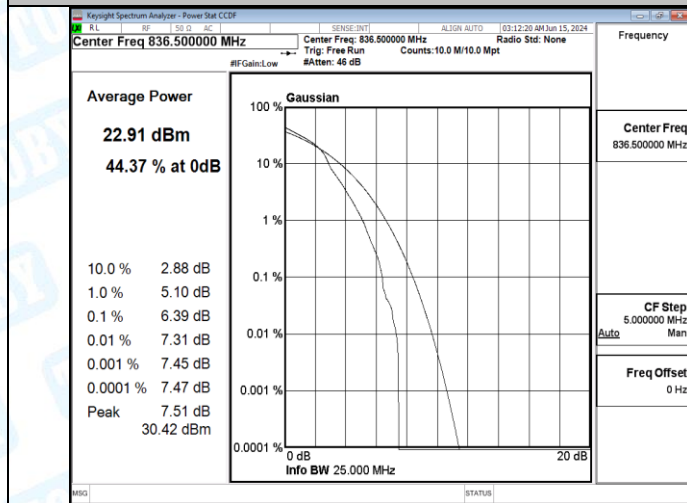
Band5-1.4MHz-16QAM-20407-6RB#0-PASS



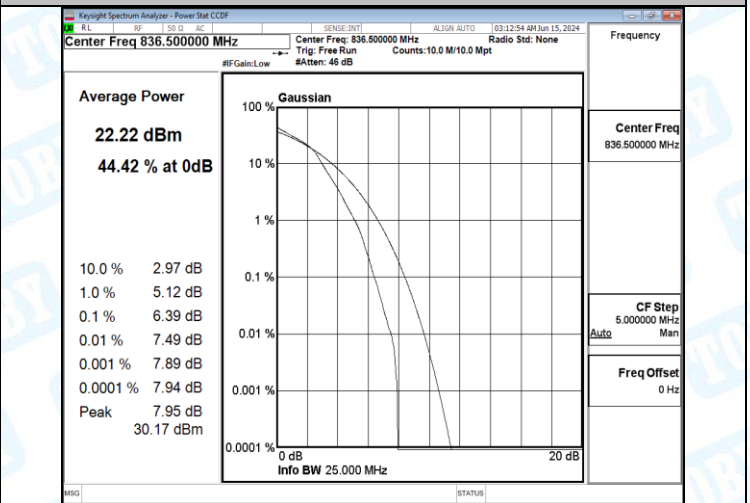
Band5-1.4MHz-16QAM-20525-1RB#0-PASS



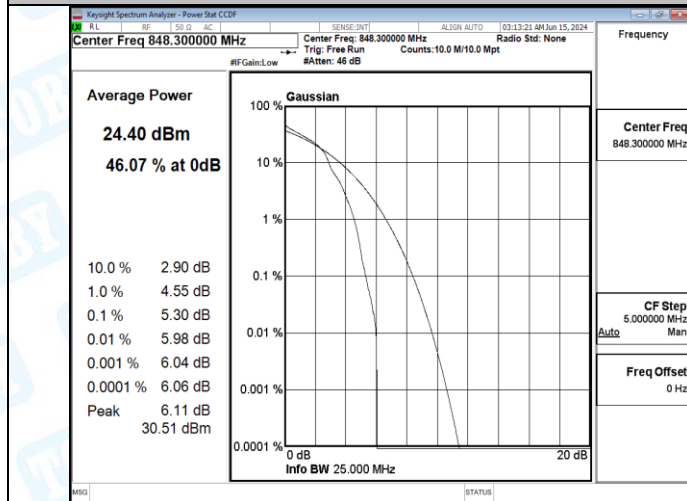
Band5-1.4MHz-16QAM-20525-6RB#0-PASS



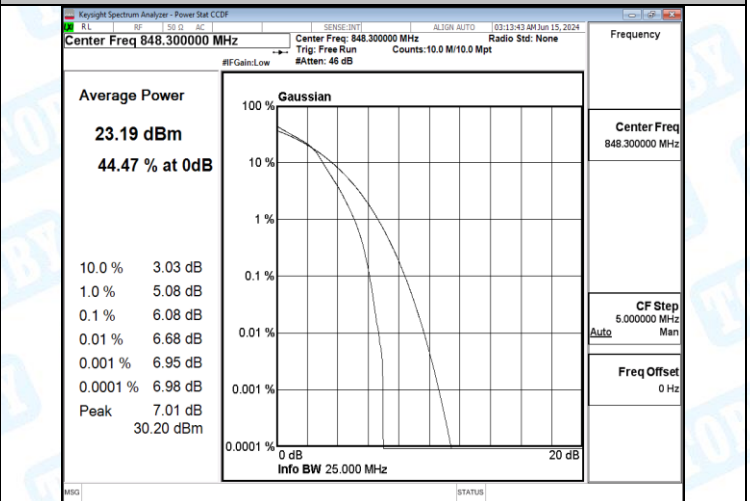
Band5-1.4MHz-16QAM-20643-1RB#0-PASS



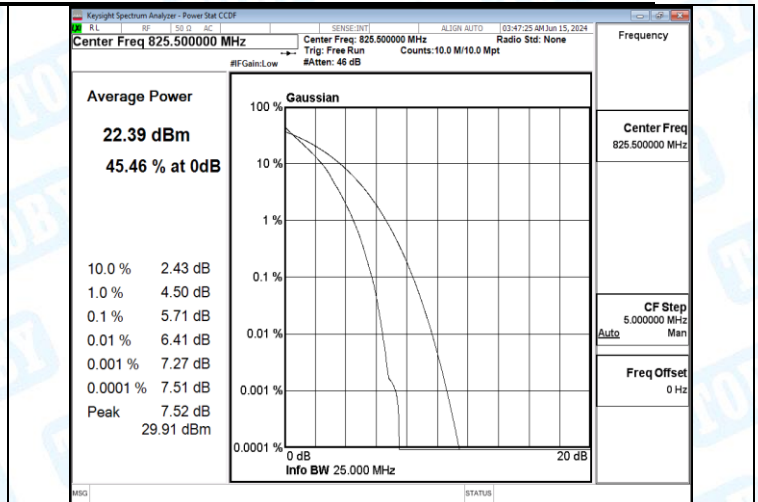
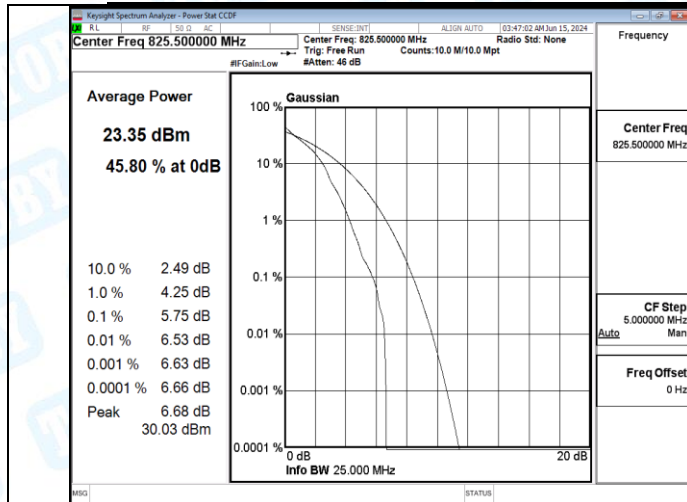
Band5-1.4MHz-16QAM-20643-6RB#0-PASS



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

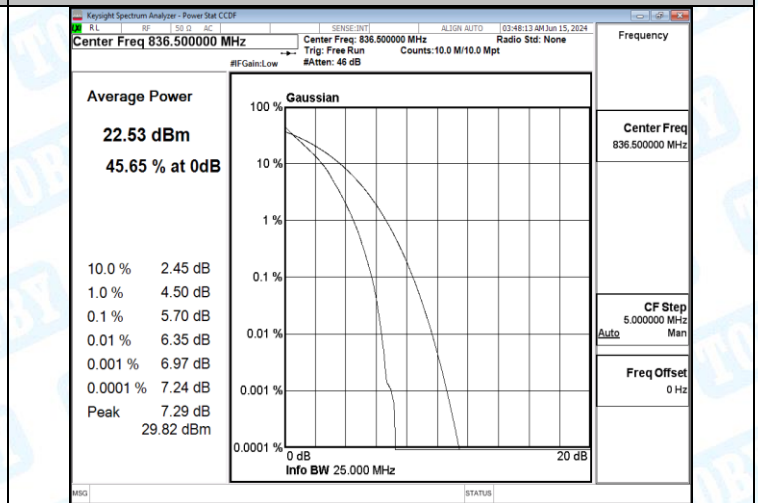
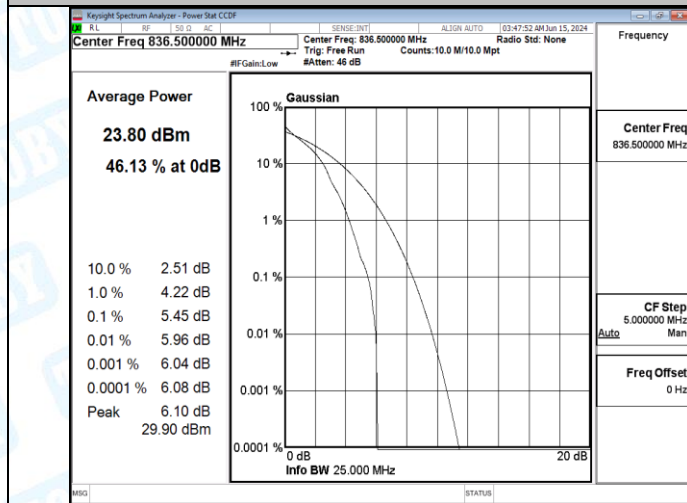


Band5-3MHz-QPSK-20415-15RB#0-PASS



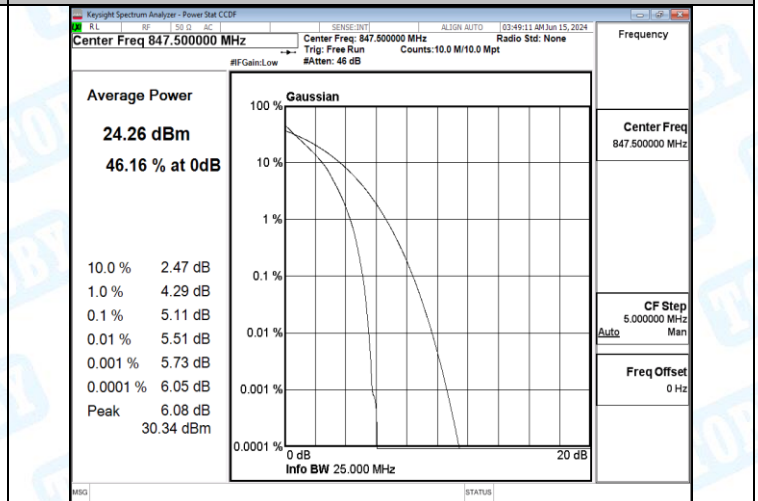
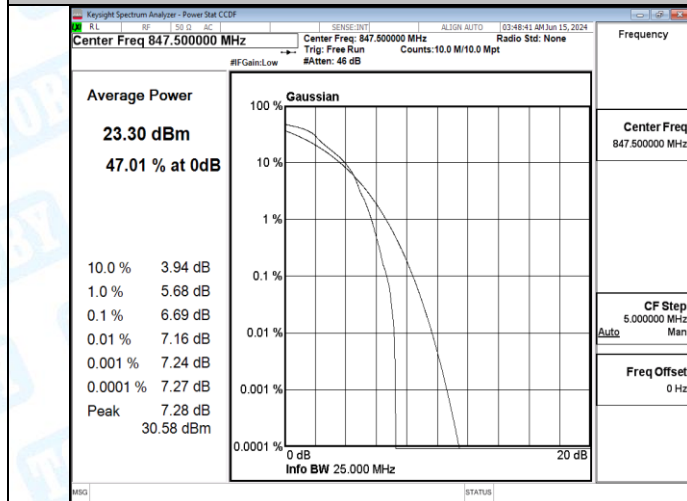
Band5-3MHz-QPSK-20525-1RB#0-PASS

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



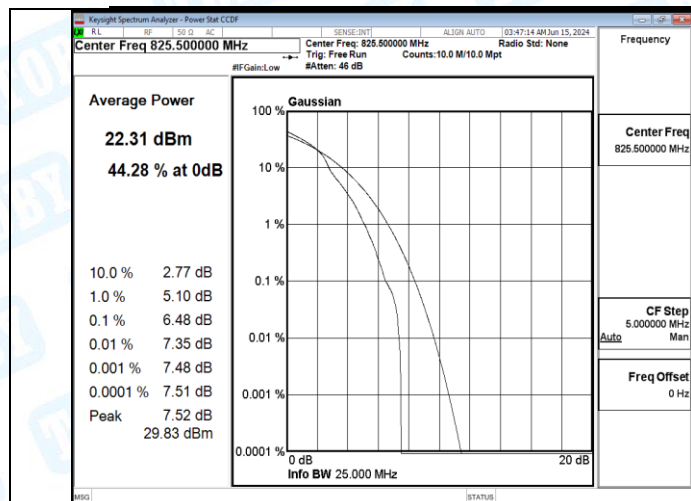
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Band5-3MHz-QPSK-20635-15RB#0-PASS

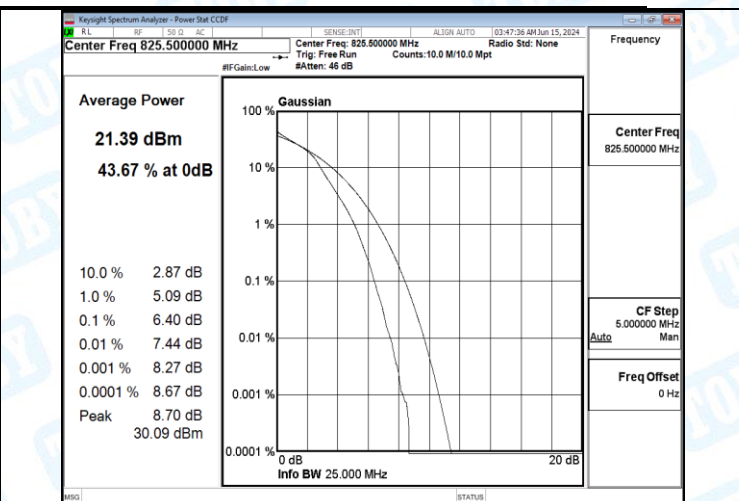


Band5-3MHz-16QAM-20415-1RB#0-PASS

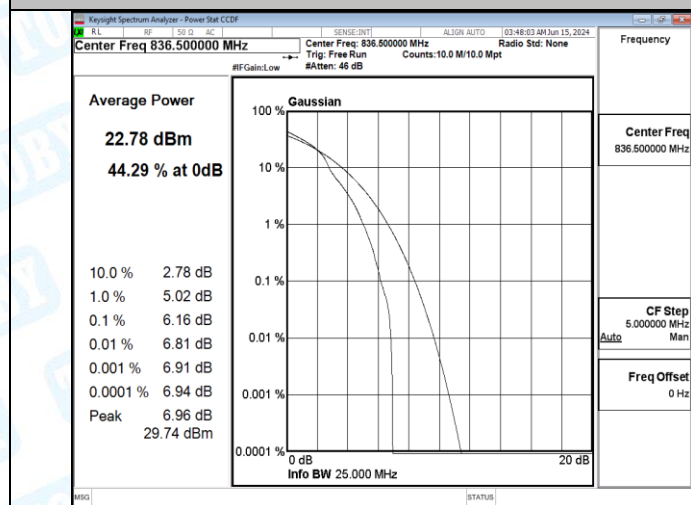
Band5-3MHz-16QAM-20415-15RB#0-PASS



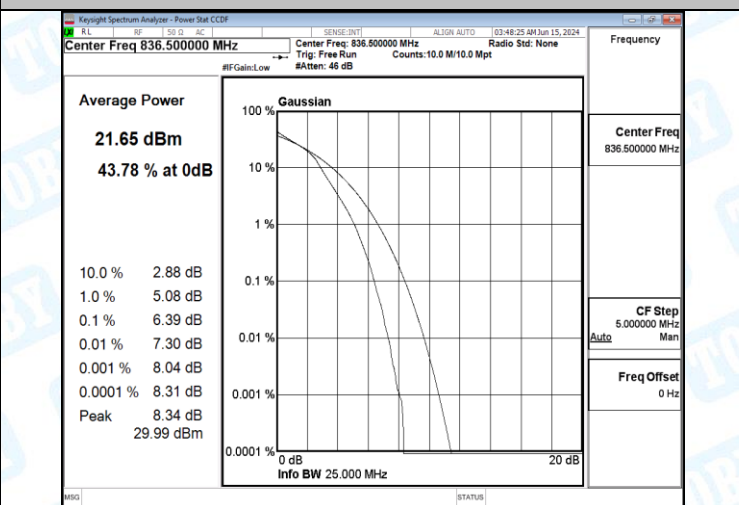
Band5-3MHz-16QAM-20525-1RB#0-PASS



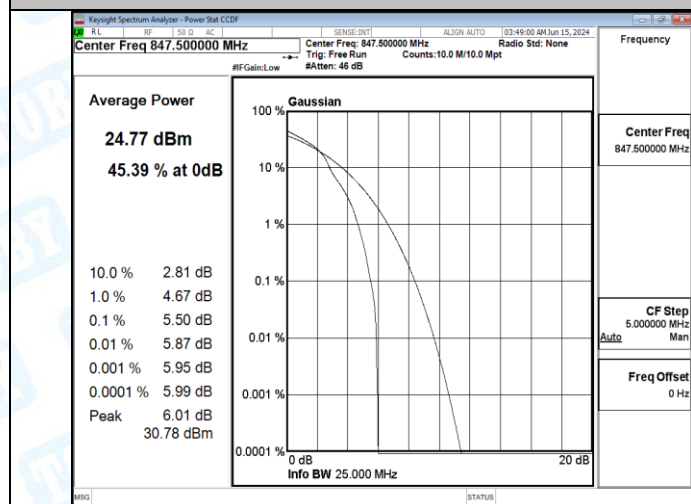
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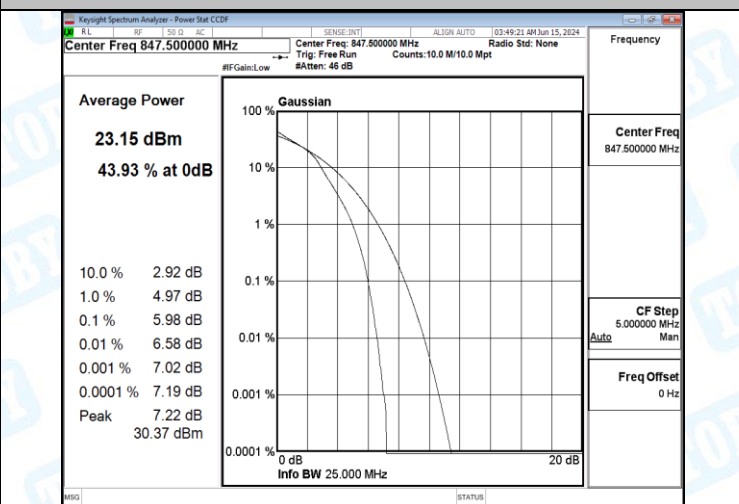
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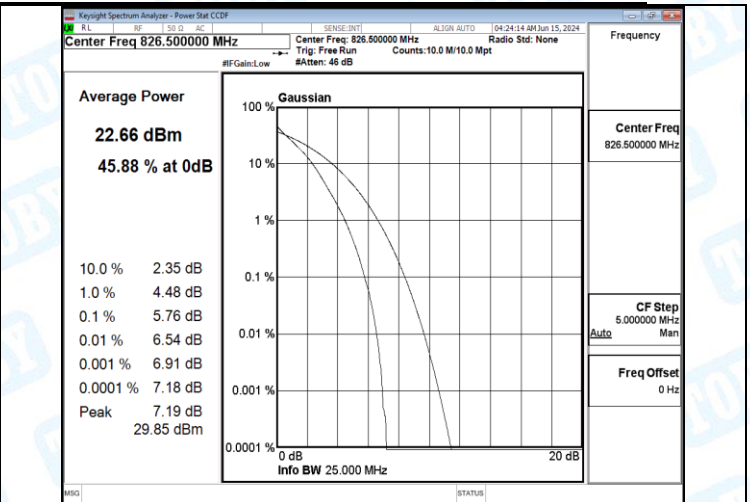
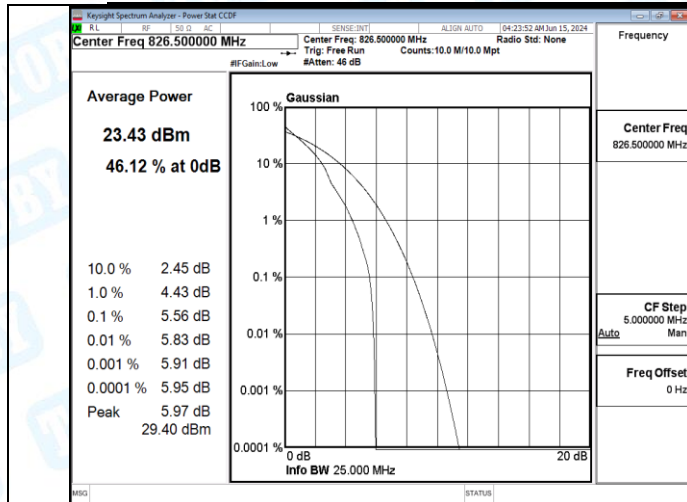
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Band5-5MHz-QPSK-20425-1RB#0-PASS

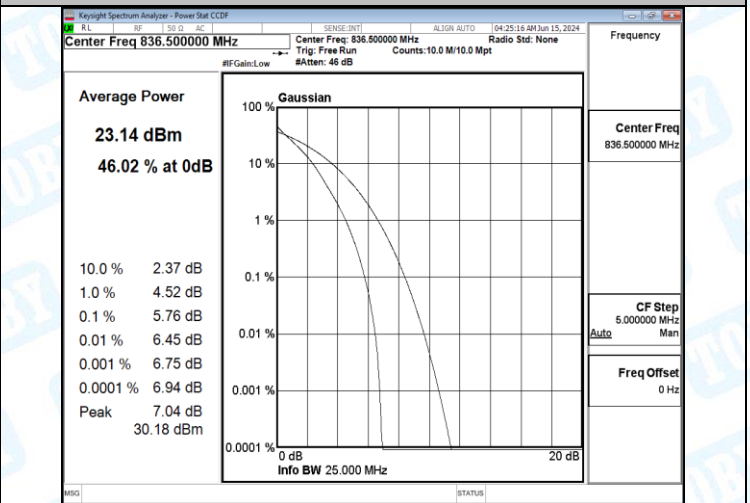
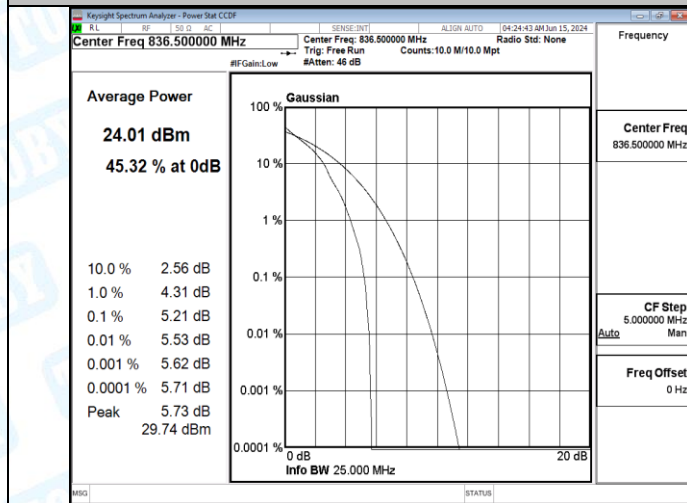


Band5-5MHz-QPSK-20425-25RB#0-PASS



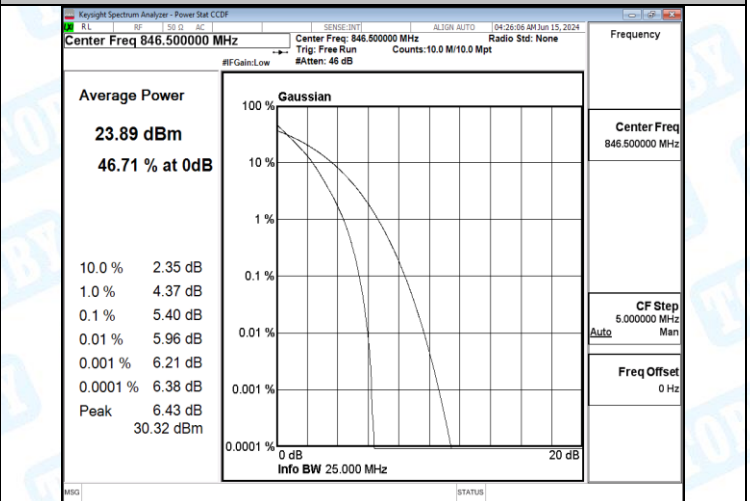
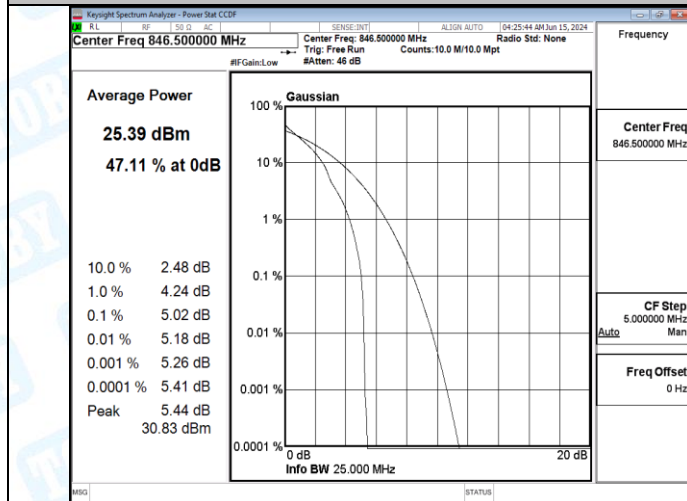
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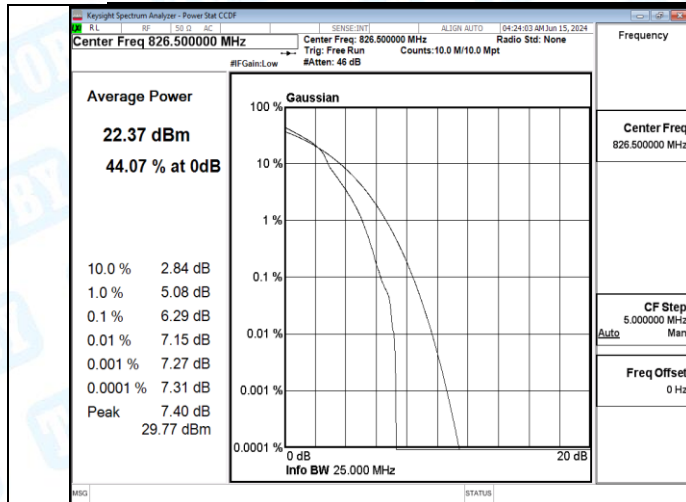
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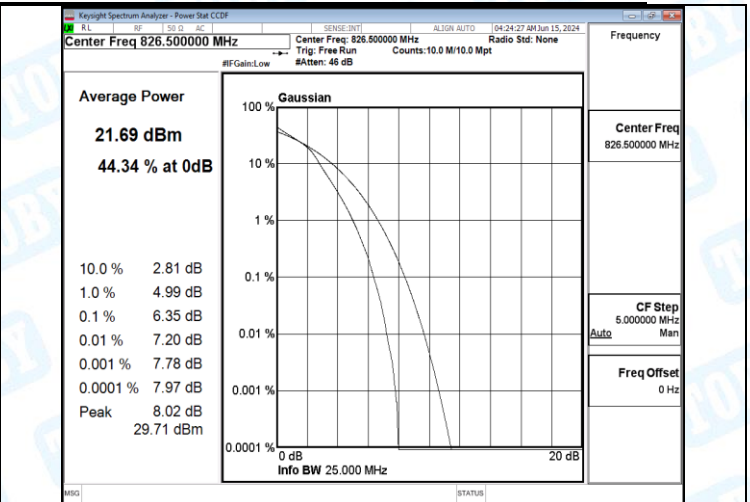


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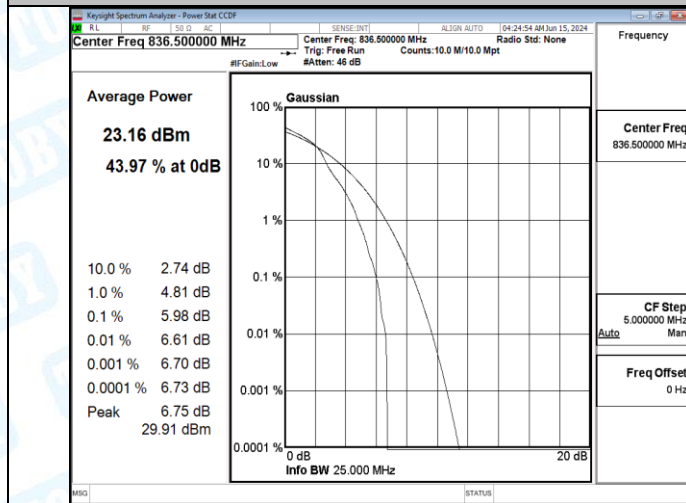
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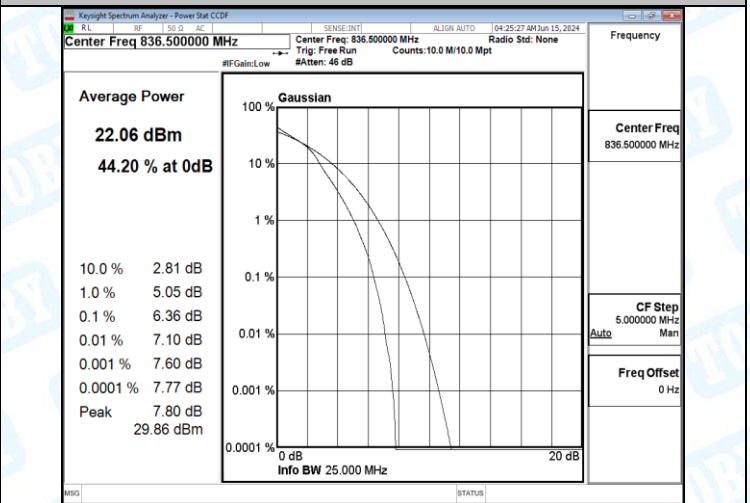
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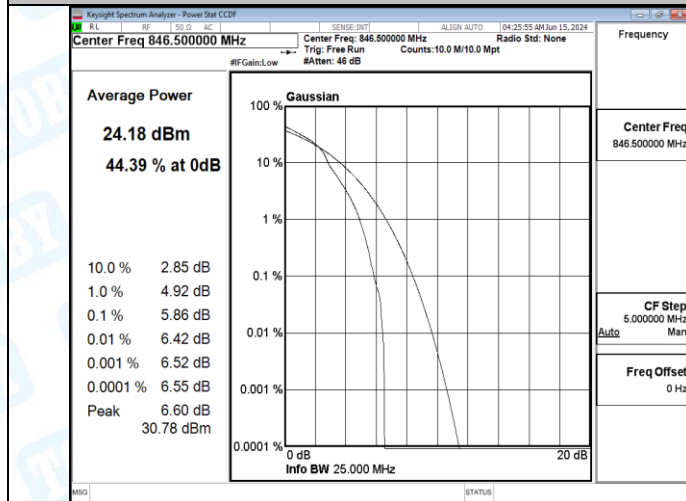
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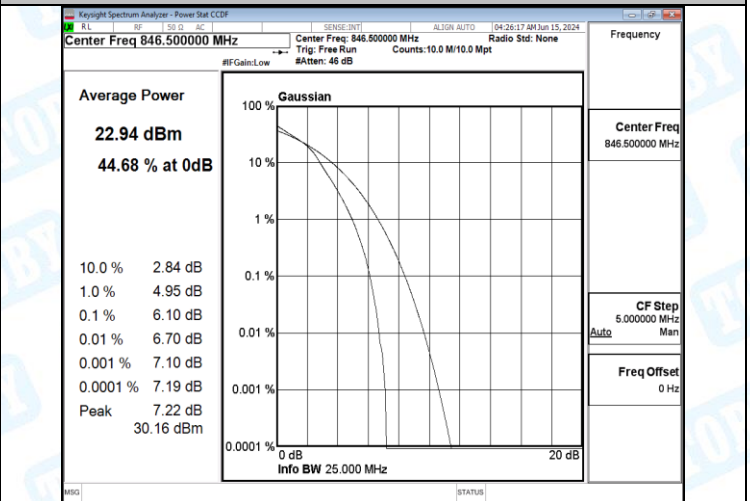
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Band5-5MHz-16QAM-20625-25RB#0-PASS



Band5-10MHz-QPSK-20450-1RB#0-PASS



Band5-10MHz-QPSK-20450-50RB#0-PASS