Appendix H: Test Data for E-UTRA Band 5

Product Name: Tablet

Test Model: 10LB4

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Paddi Chen
Supervised by:	Nick Peng

H.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.02	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.01	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	23.10	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.51	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.08	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.37	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	22.51	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	21.93	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.14	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.04	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	22.54	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.41	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.15	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	22.50	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	21.31	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	22.41	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	21.53	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	22.81	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.98	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	22.70	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.23	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	22.72	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.26	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	22.80	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.07	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	21.79	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.36	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.44	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.79	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.13	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.15	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	21.47	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.29	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	22.40	PASS

Band5	1.4MHz	16QAM	20643	3RB#0	21.84	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	22.43	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.64	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	22.06	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.66	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	21.89	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.33	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.57	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.15	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.46	PASS
Band5	3MHz	16QAM	20415	1RB#8	21.63	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.28	PASS
Band5	3MHz	16QAM	20415	1RB#14	21.64	PASS
Band5	3MHz	QPSK	20415	8RB#0	21.65	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.33	PASS
Band5	3MHz	QPSK	20415	8RB#4	21.71	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.33	PASS
Band5	3MHz	QPSK	20415	8RB#7	21.67	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.33	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.59	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.03	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.82	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.23	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.75	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.19	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.73	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.33	PASS
Band5	3MHz	QPSK	20525	8RB#0	21.70	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.31	PASS
Band5	3MHz	QPSK	20525	8RB#4	21.74	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.32	PASS
Band5	3MHz	QPSK	20525	8RB#7	21.74	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.35	PASS
Band5	3MHz	QPSK	20525	15RB#0	21.64	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.07	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.40	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.89	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.42	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.82	PASS
Band5	3MHz	QPSK	20635	1RB#14	21.73	PASS

Band5	3MHz	16QAM	20635	1RB#14	21.34	PASS
Band5	3MHz	QPSK	20635	8RB#0	21.80	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.39	PASS
Band5	3MHz	QPSK	20635	8RB#4	21.70	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.37	PASS
Band5	3MHz	QPSK	20635	8RB#7	21.75	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.20	PASS
Band5	3MHz	QPSK	20635	15RB#0	21.80	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.17	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.50	PASS
Band5	5MHz	16QAM	20425	1RB#0	21.42	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.51	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.35	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.60	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.34	PASS
Band5	5MHz	QPSK	20425	12RB#0	21.53	PASS
Band5	5MHz	16QAM	20425	12RB#0	20.95	PASS
Band5	5MHz	QPSK	20425	12RB#6	21.59	PASS
Band5	5MHz	16QAM	20425	12RB#6	20.92	PASS
Band5	5MHz	QPSK	20425	12RB#13	21.50	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.17	PASS
Band5	5MHz	QPSK	20425	25RB#0	21.67	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.14	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.80	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.02	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.86	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.21	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.85	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.15	PASS
Band5	5MHz	QPSK	20525	12RB#0	21.67	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.14	PASS
Band5	5MHz	QPSK	20525	12RB#6	21.56	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.15	PASS
Band5	5MHz	QPSK	20525	12RB#13	21.63	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.21	PASS
Band5	5MHz	QPSK	20525	25RB#0	21.63	PASS
Band5	5MHz	16QAM	20525	25RB#0	20.98	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.55	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.03	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.47	PASS

Band5	5MHz	16QAM	20625	1RB#12	22.08	PASS
Band5	5MHz	QPSK	20625	1RB#24	21.99	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.50	PASS
Band5	5MHz	QPSK	20625	12RB#0	21.82	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.13	PASS
Band5	5MHz	QPSK	20625	12RB#6	21.75	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.14	PASS
Band5	5MHz	QPSK	20625	12RB#13	21.69	PASS
Band5	5MHz	16QAM	20625	12RB#13	20.99	PASS
Band5	5MHz	QPSK	20625	25RB#0	21.74	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.12	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.46	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.02	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.47	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.09	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.46	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.30	PASS
Band5	10MHz	QPSK	20450	25RB#0	21.67	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.06	PASS
Band5	10MHz	QPSK	20450	25RB#12	21.35	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.06	PASS
Band5	10MHz	QPSK	20450	25RB#25	21.61	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.12	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.75	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.08	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.64	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.26	PASS
Band5	10MHz	QPSK	20525	1RB#24	22.67	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.34	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.68	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.33	PASS
Band5	10MHz	QPSK	20525	25RB#0	21.69	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.26	PASS
Band5	10MHz	QPSK	20525	25RB#12	21.71	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.20	PASS
Band5	10MHz	QPSK	20525	25RB#25	21.68	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.33	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.70	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.21	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.59	PASS

Band5	10MHz	16QAM	20600	1RB#0	22.77	PASS
Band5	10MHz	QPSK	20600	1RB#24	22.50	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.62	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.30	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.17	PASS
Band5	10MHz	QPSK	20600	25RB#0	21.78	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.28	PASS
Band5	10MHz	QPSK	20600	25RB#12	21.81	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.29	PASS
Band5	10MHz	QPSK	20600	25RB#25	21.74	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.32	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.73	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.32	PASS

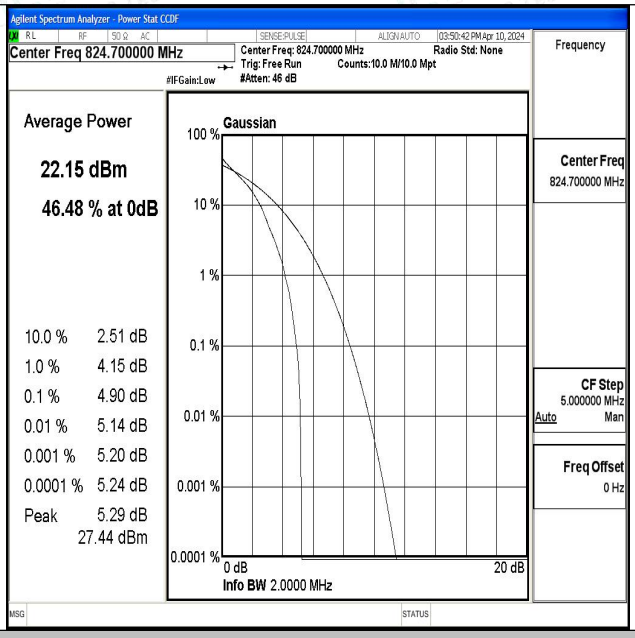
H.2 Peak-to-Average Ratio(CCDF)

Test Result

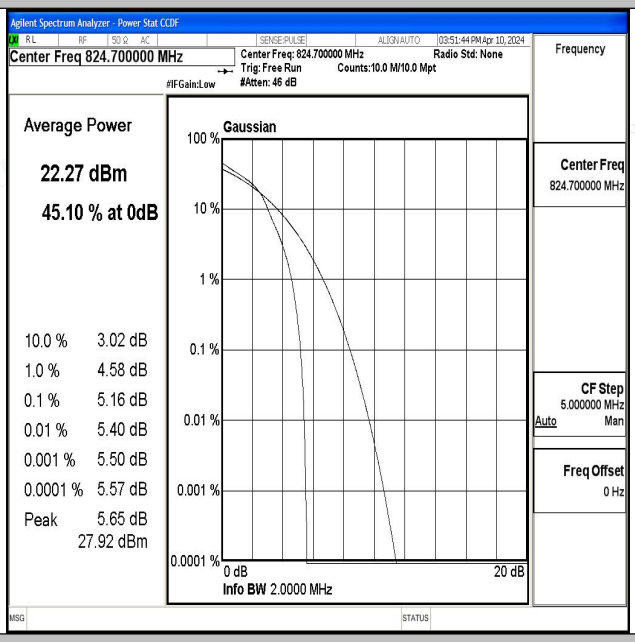
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.90	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.16	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.56	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.15	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.77	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.40	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.45	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.01	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	4.00	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3.57	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.47	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.12	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.98	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.73	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.63	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.31	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.76	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.16	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.47	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.10	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.12	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	3.91	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.83	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.49	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.12	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.71	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.64	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.24	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.91	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.30	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.54	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.16	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.09	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	4.47	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.31	13	PASS

Band5	5MHz	16QAM	20625	25RB#0	5.90	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	5.08	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.49	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.56	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.20	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.76	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.62	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.55	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.19	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.73	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	4.85	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.31	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.93	13	PASS

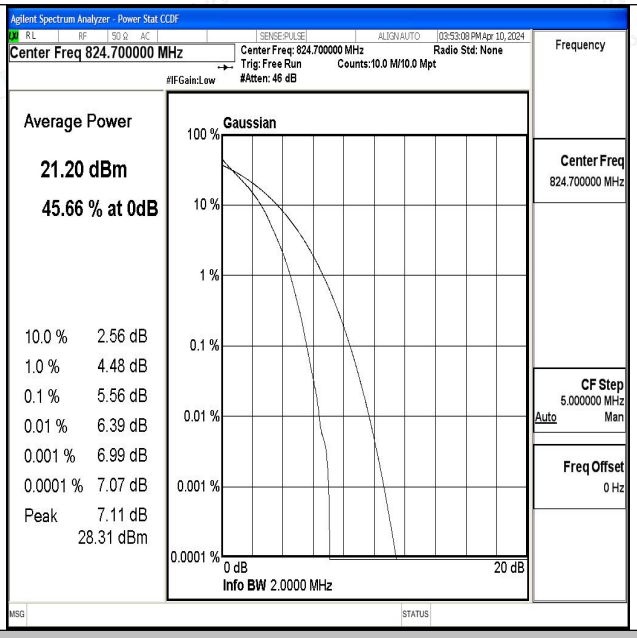
Test Graphs



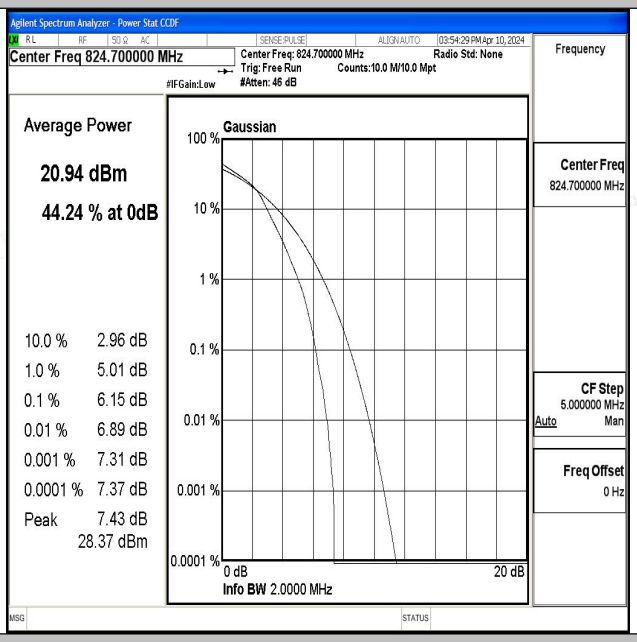
Band5-1.4MHz-QPSK-20407-1RB#0-PASS



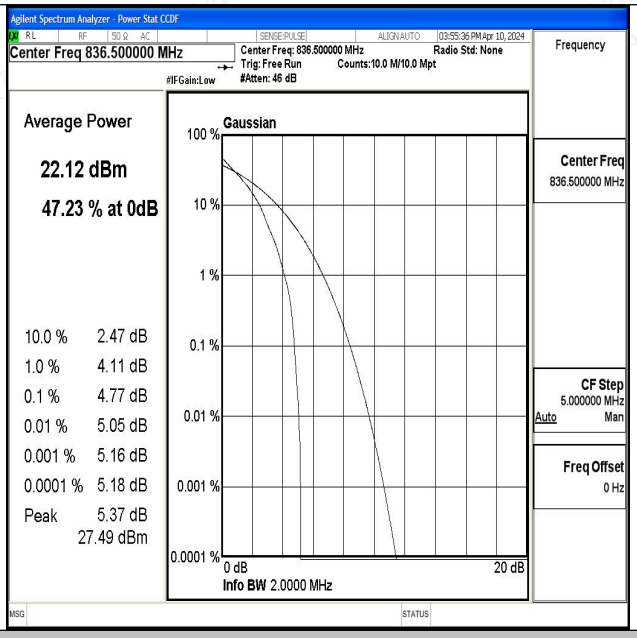
Band5-1.4MHz-16QAM-20407-1RB#0-PASS



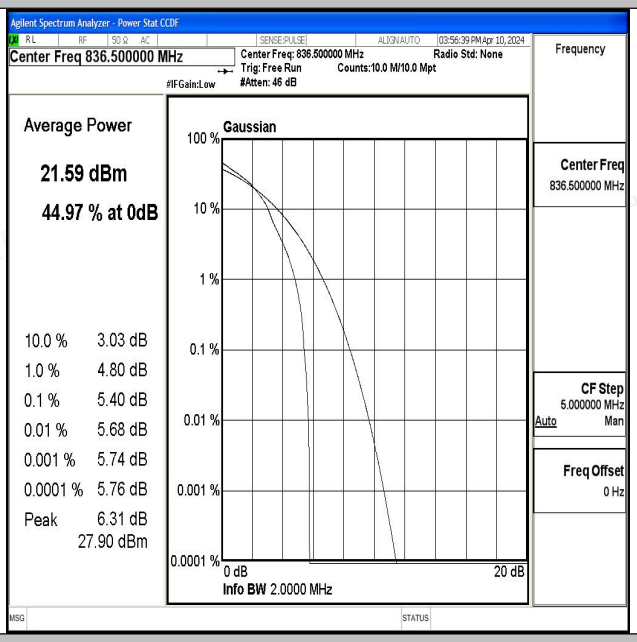
Band5-1.4MHz-QPSK-20407-6RB#0-PASS



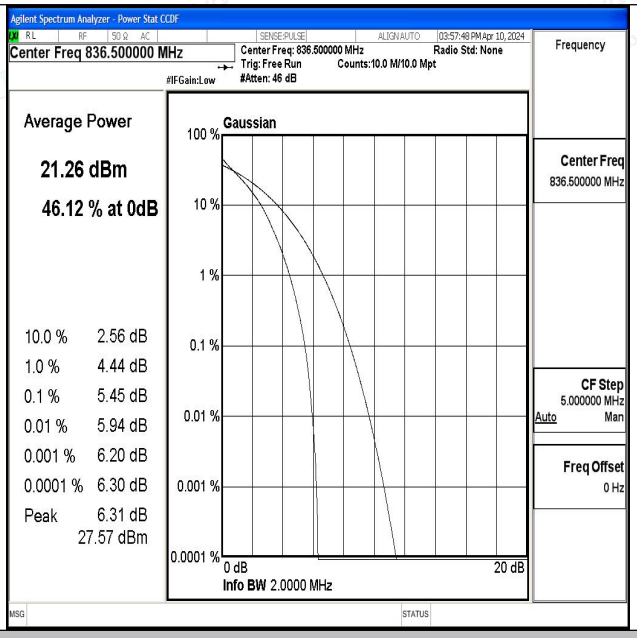
Band5-1.4MHz-16QAM-20407-6RB#0-PASS



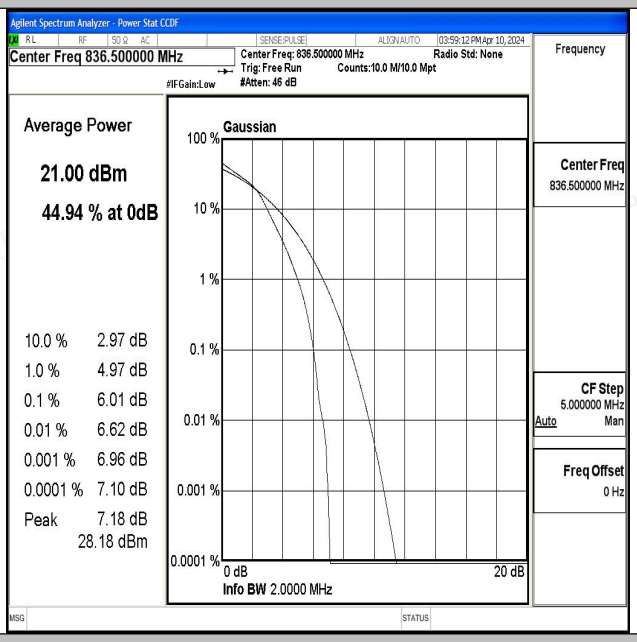
Band5-1.4MHz-QPSK-20525-1RB#0-PASS



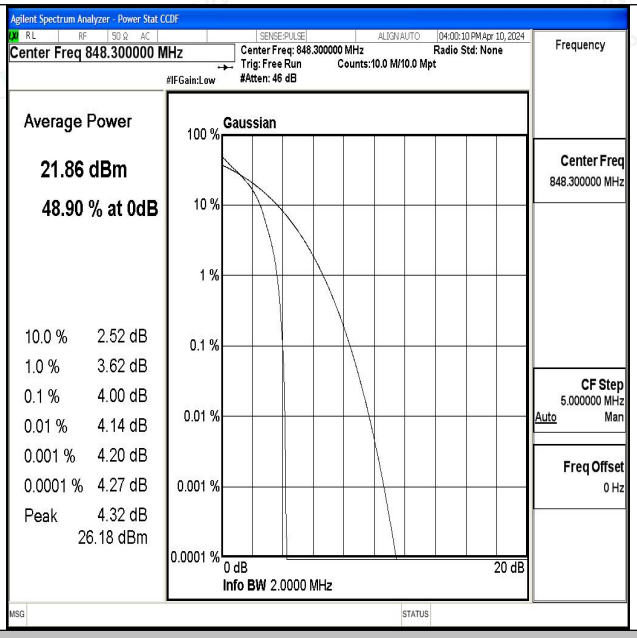
Band5-1.4MHz-16QAM-20525-1RB#0-PASS



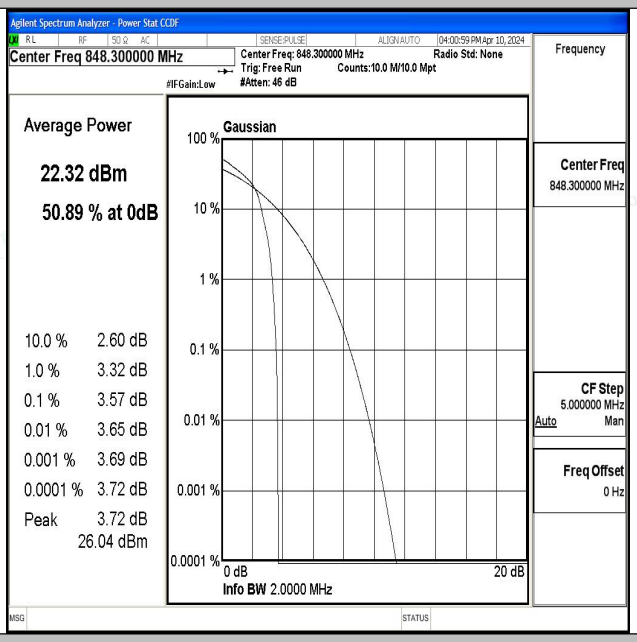
Band5-1.4MHz-QPSK-20525-6RB#0-PASS



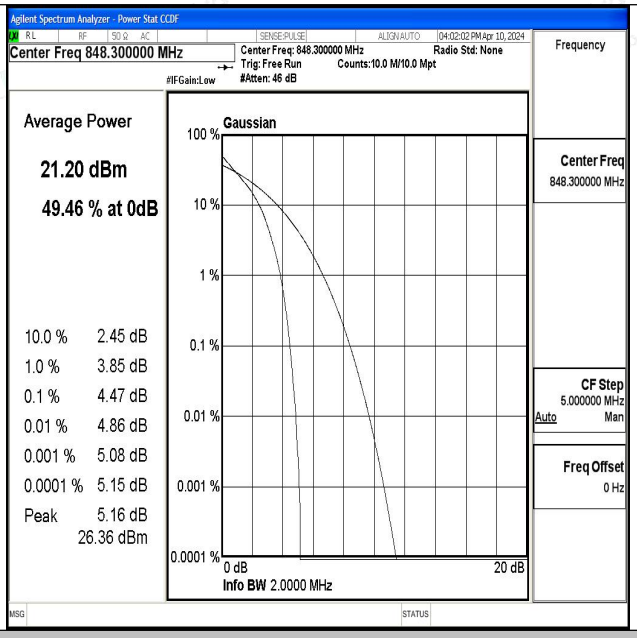
Band5-1.4MHz-16QAM-20525-6RB#0-PASS



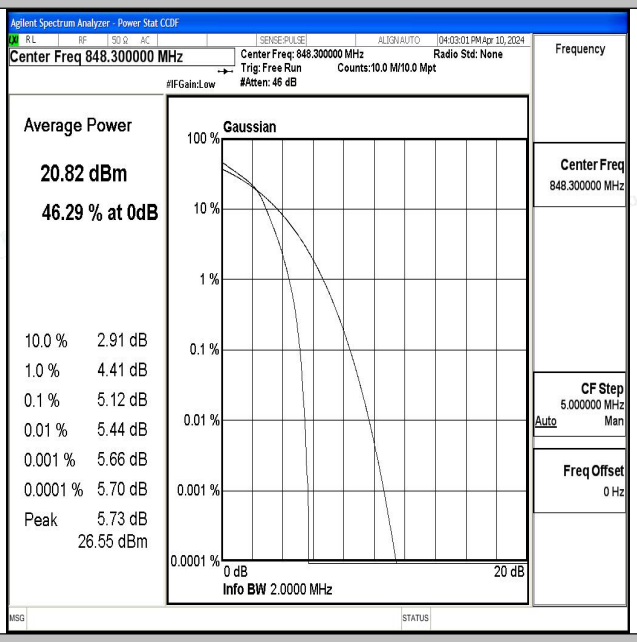
Band5-1.4MHz-QPSK-20643-1RB#0-PASS



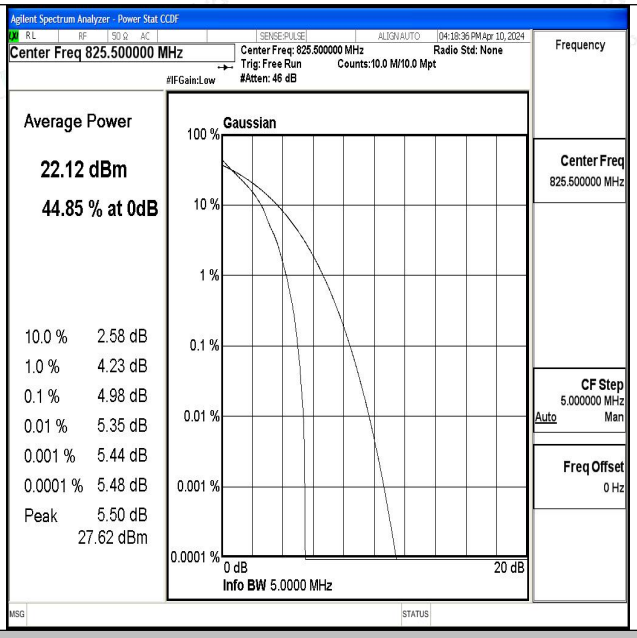
Band5-1.4MHz-16QAM-20643-1RB#0-PASS



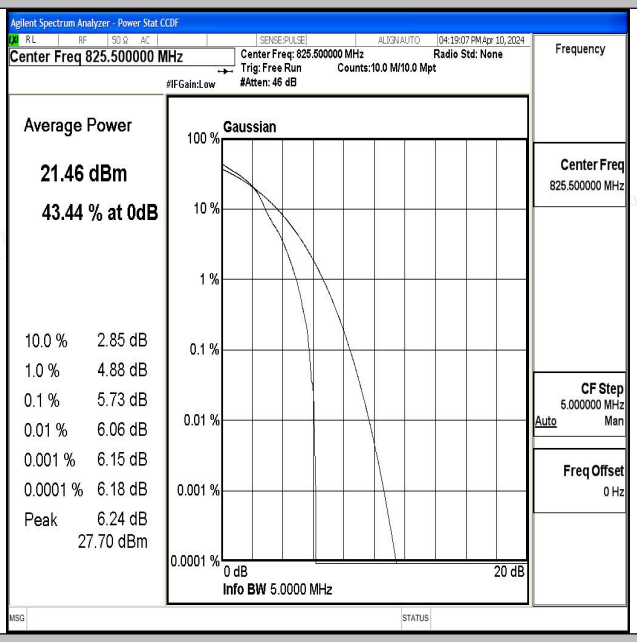
Band5-1.4MHz-QPSK-20643-6RB#0-PASS



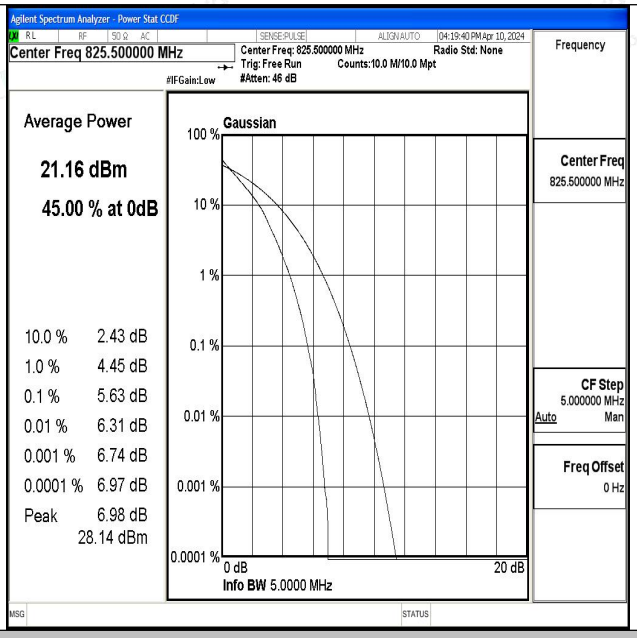
Band5-1.4MHz-16QAM-20643-6RB#0-PASS



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



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



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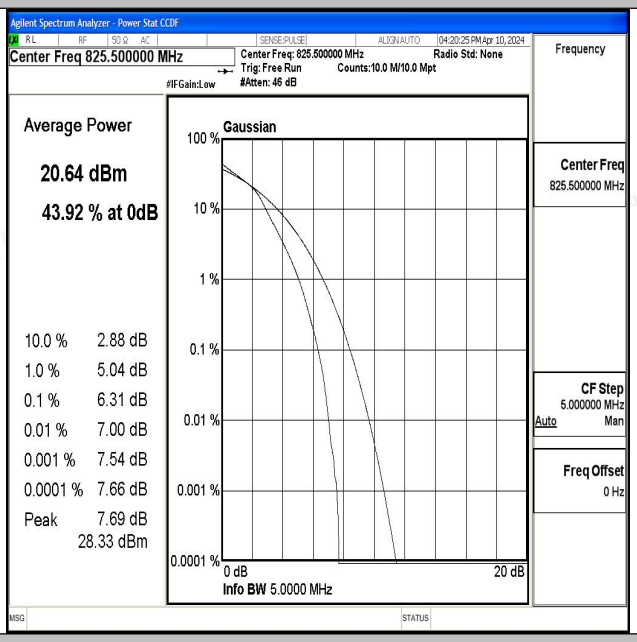

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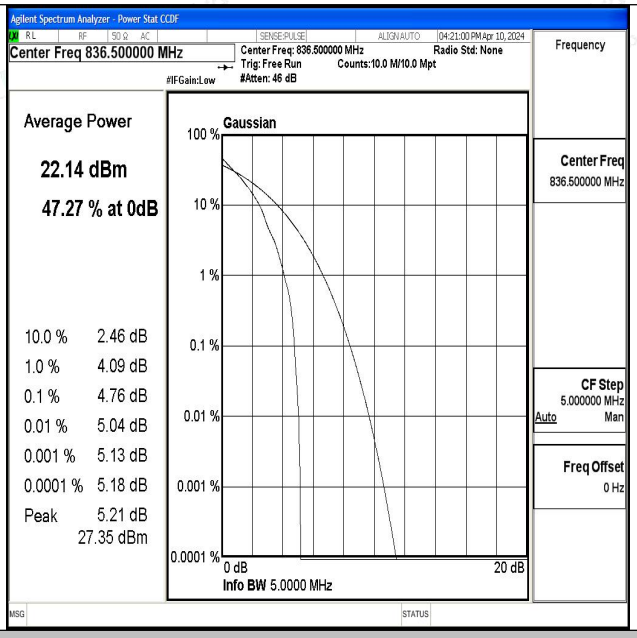

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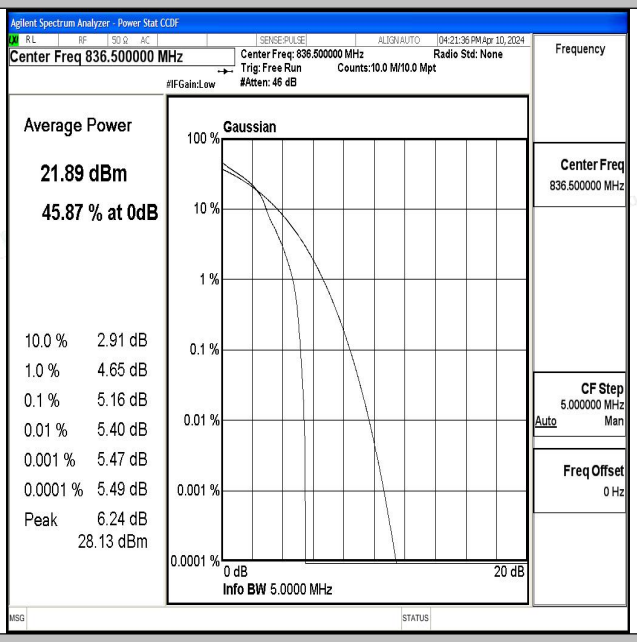

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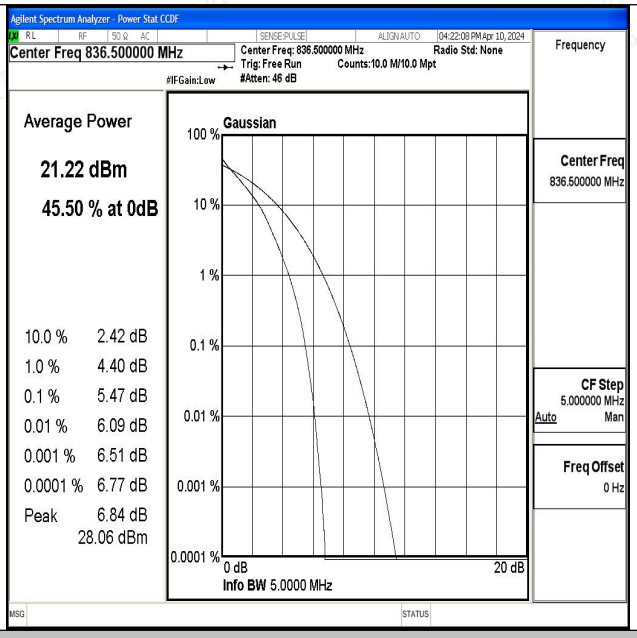

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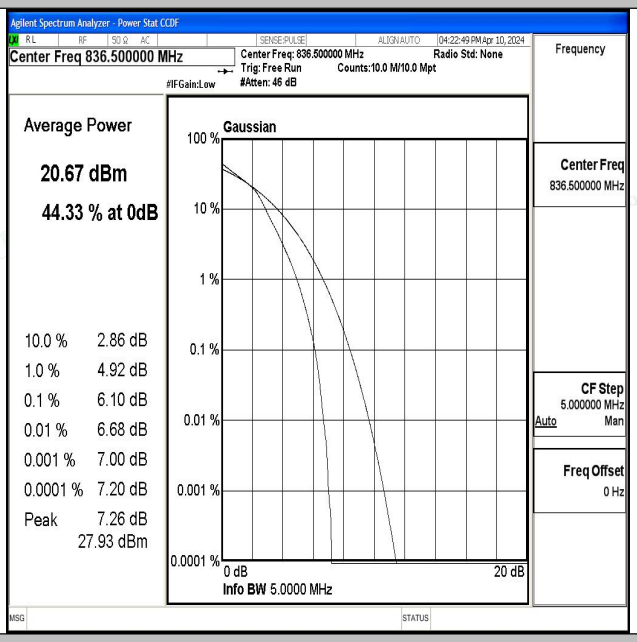

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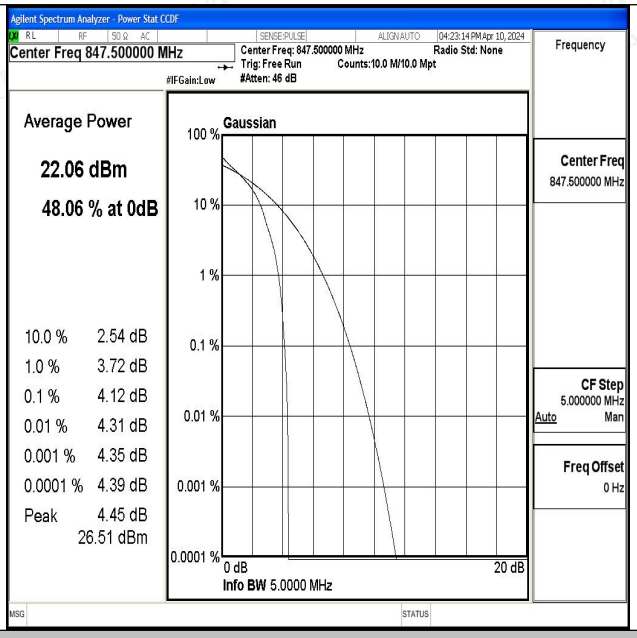

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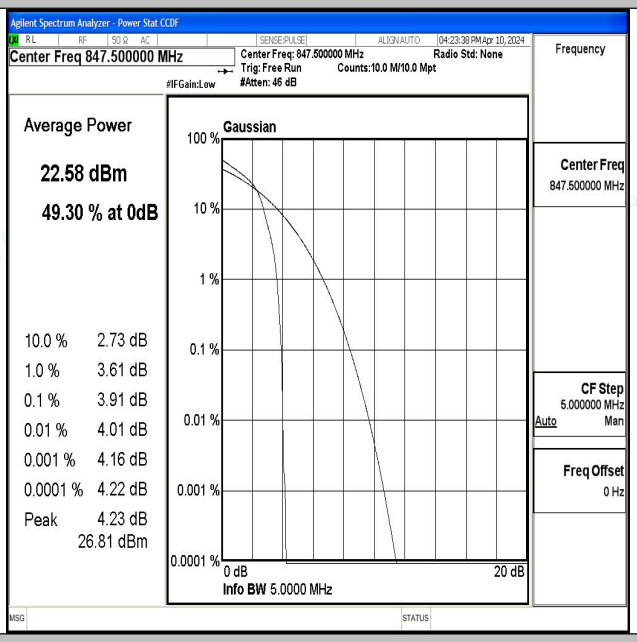

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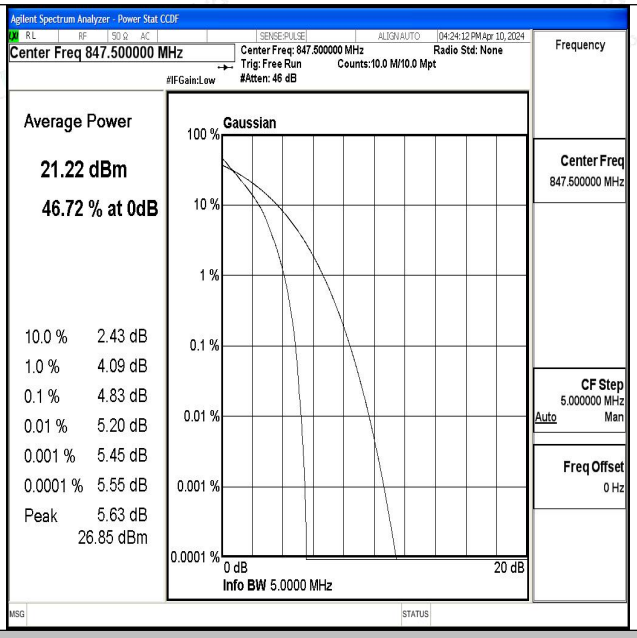

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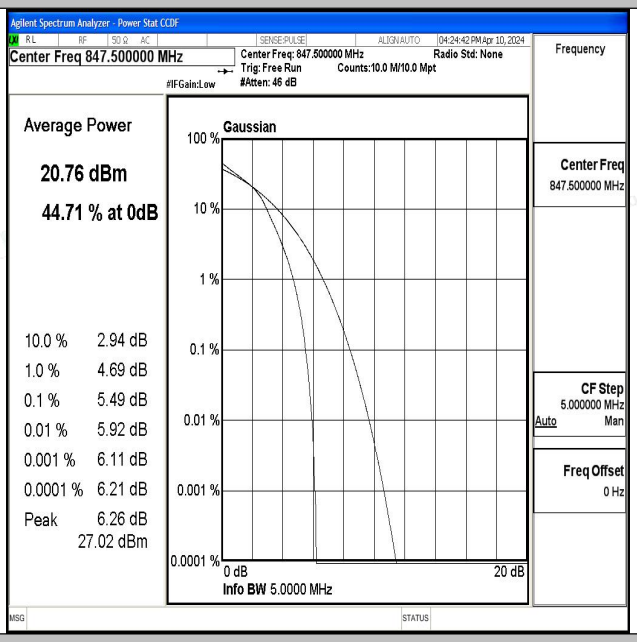

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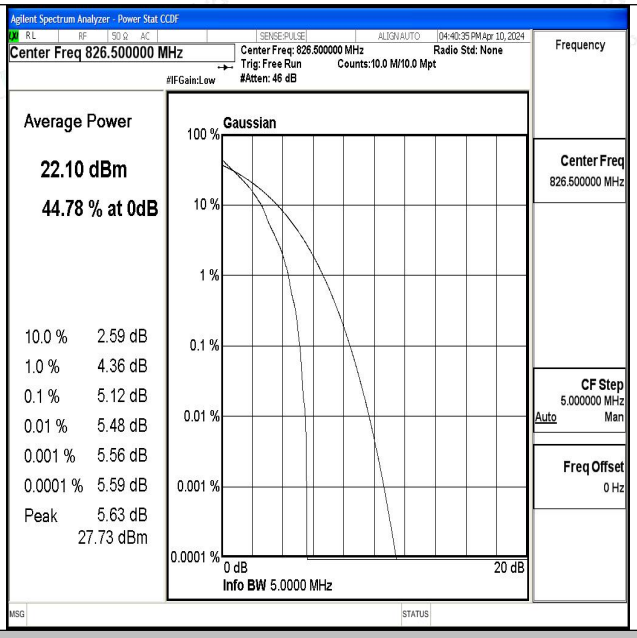

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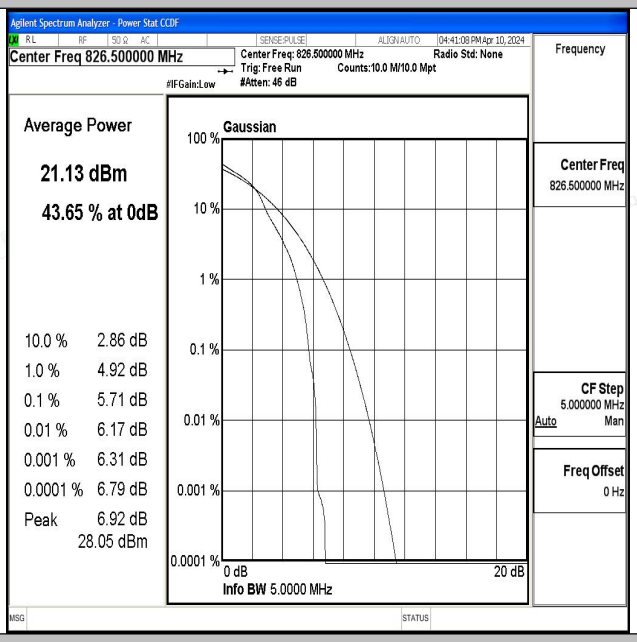

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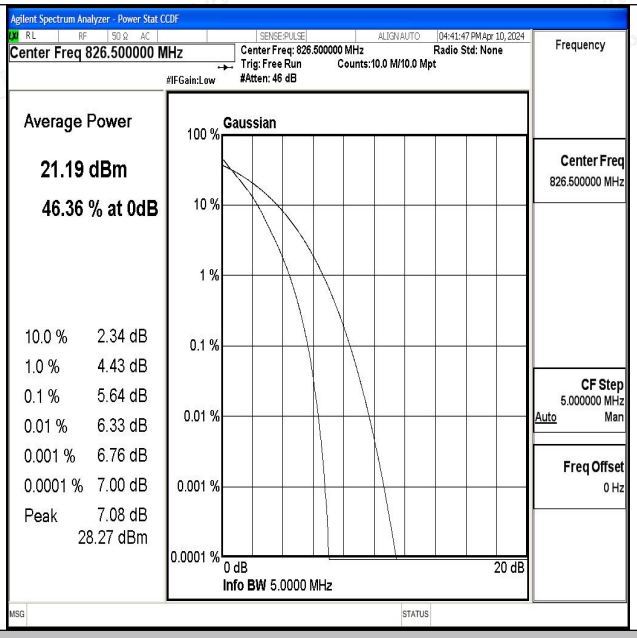

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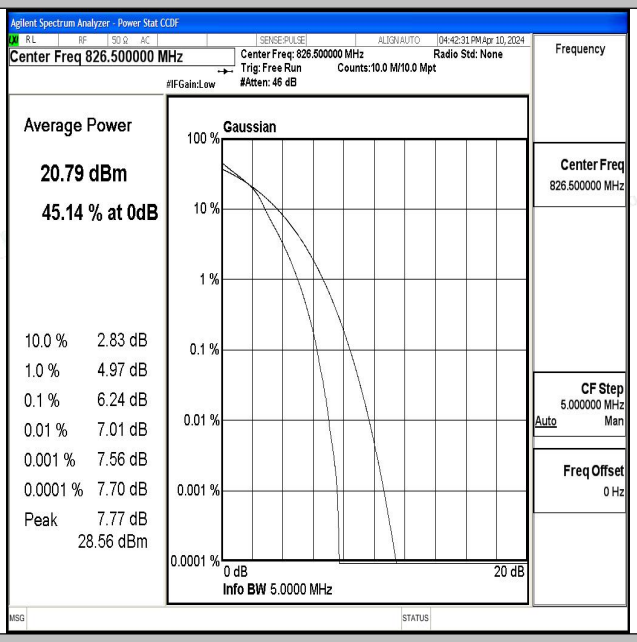

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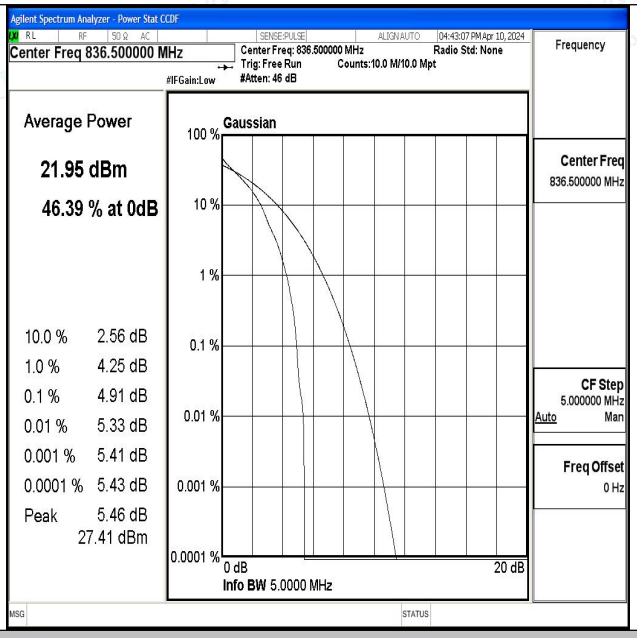

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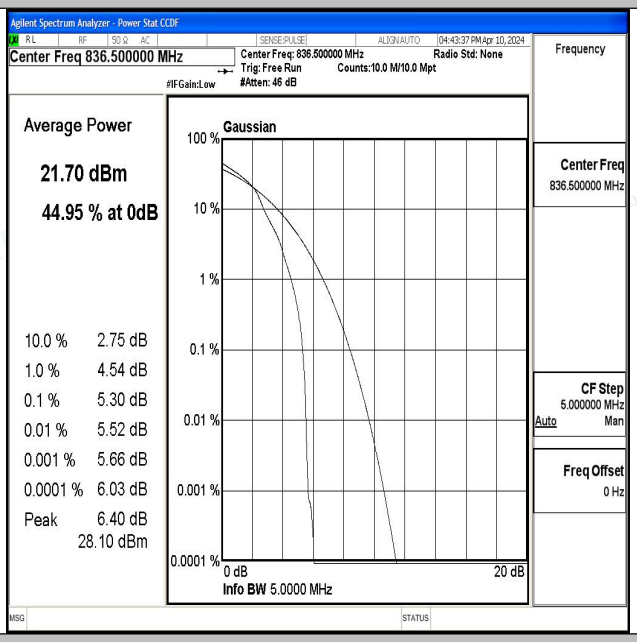

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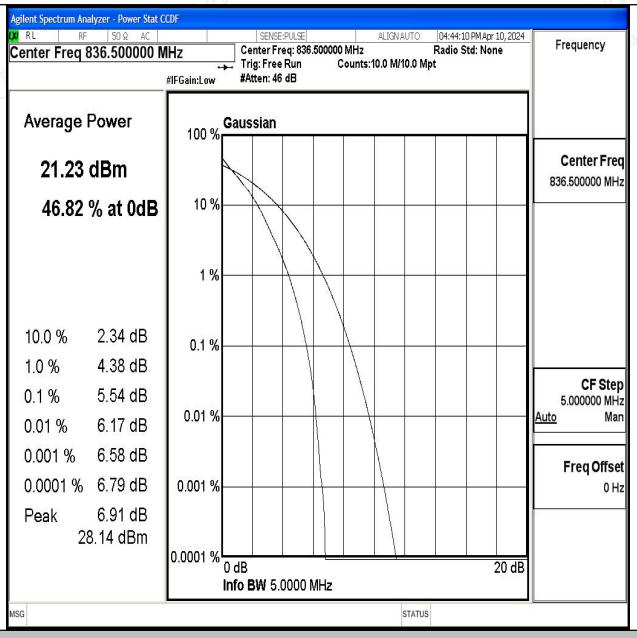

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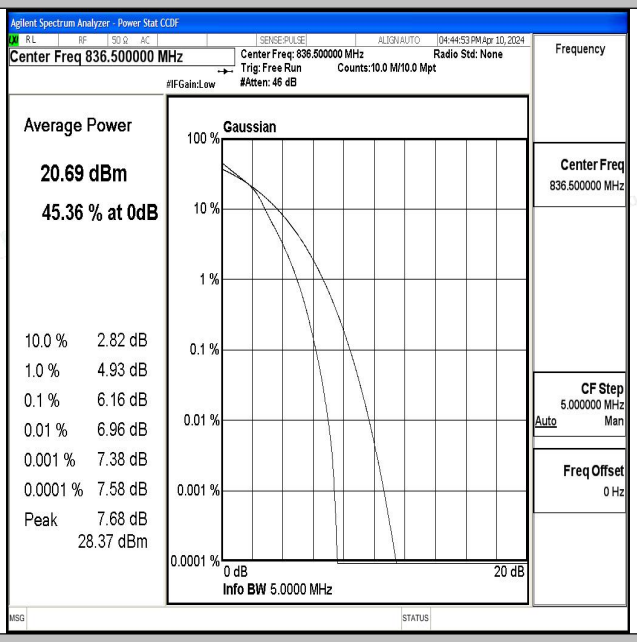

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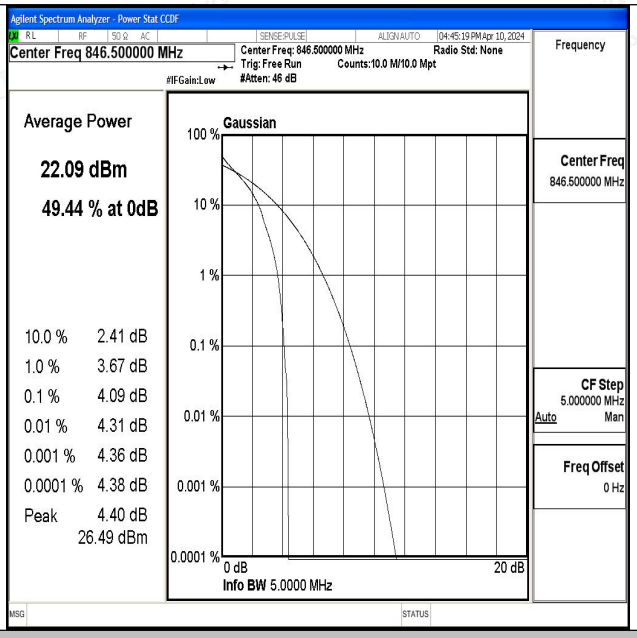

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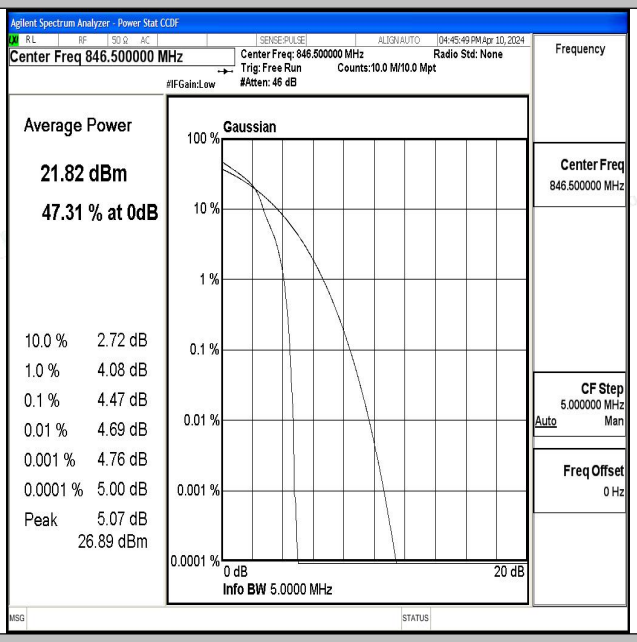

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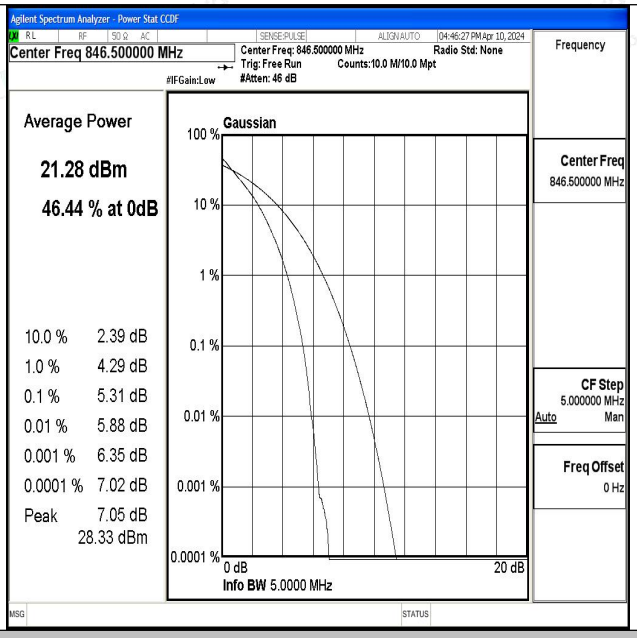

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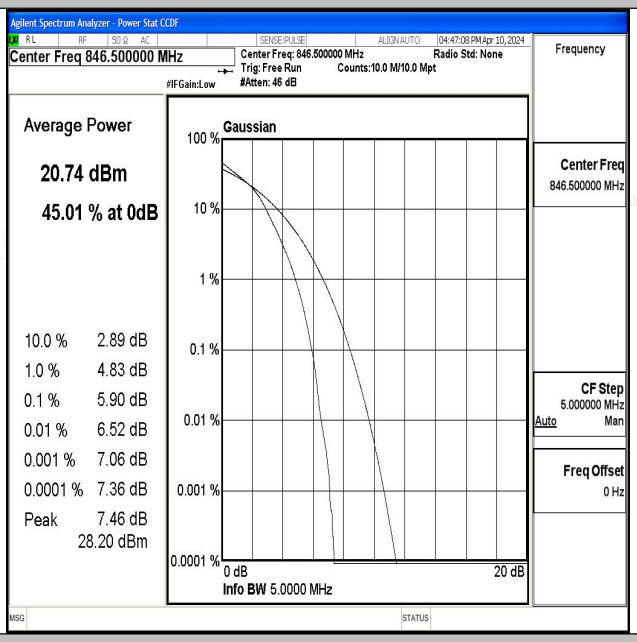

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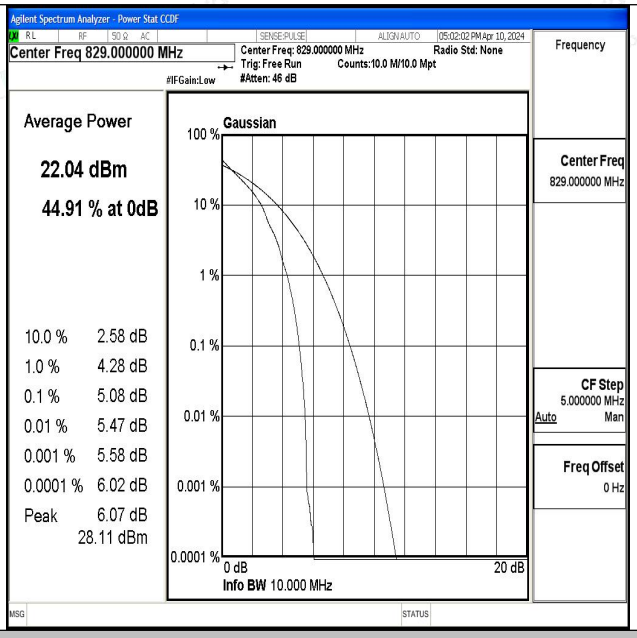
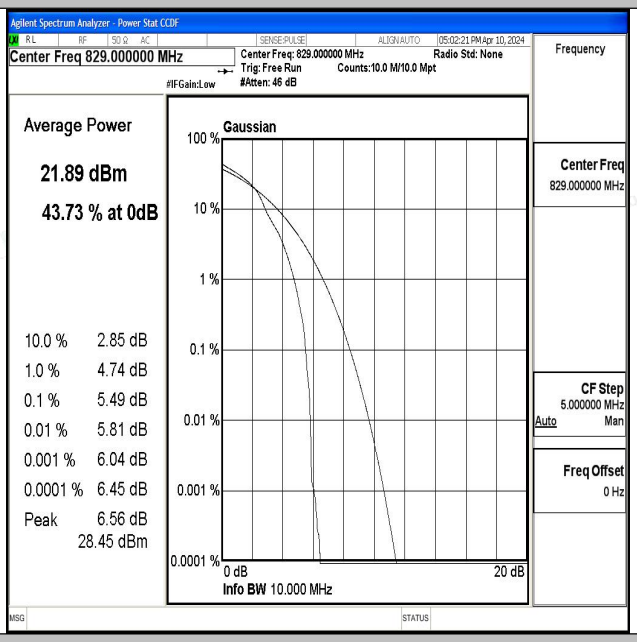


Band5-10MHz-QPSK-20450-1RB#0-PASS



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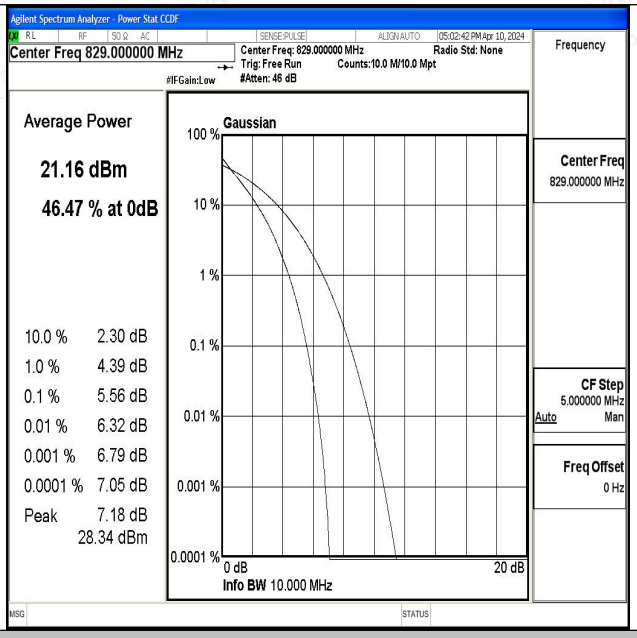

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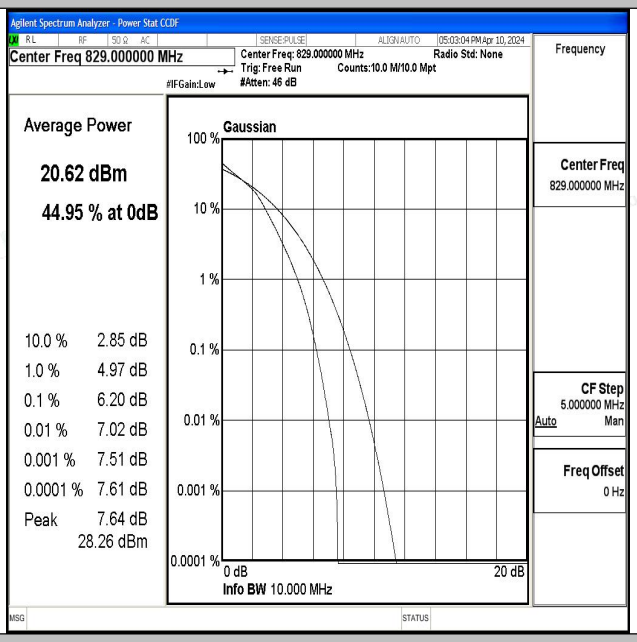

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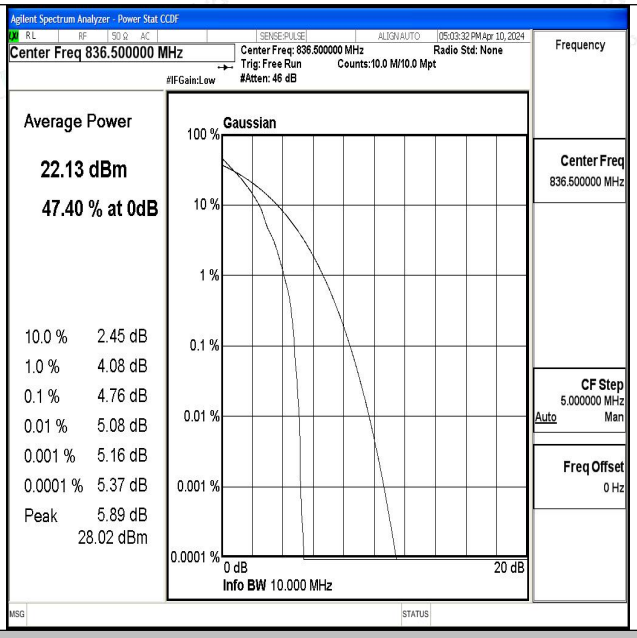

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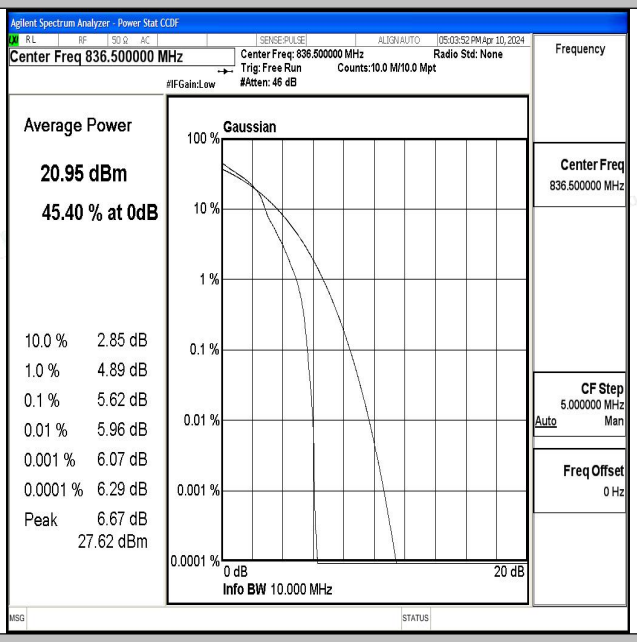

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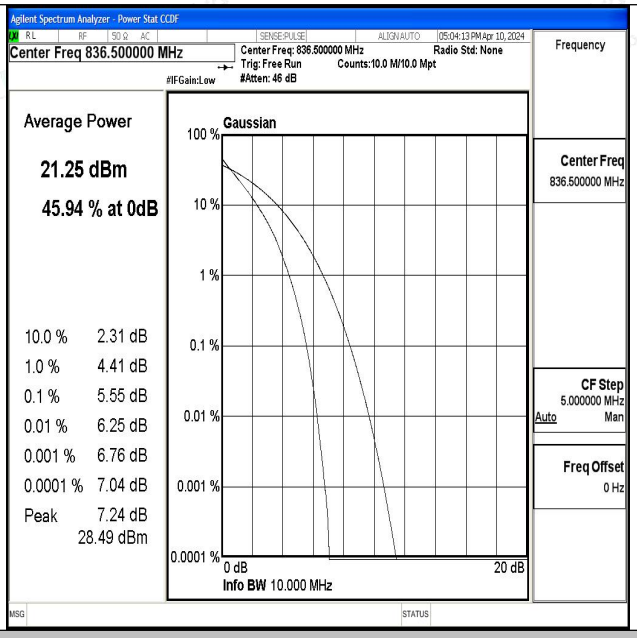

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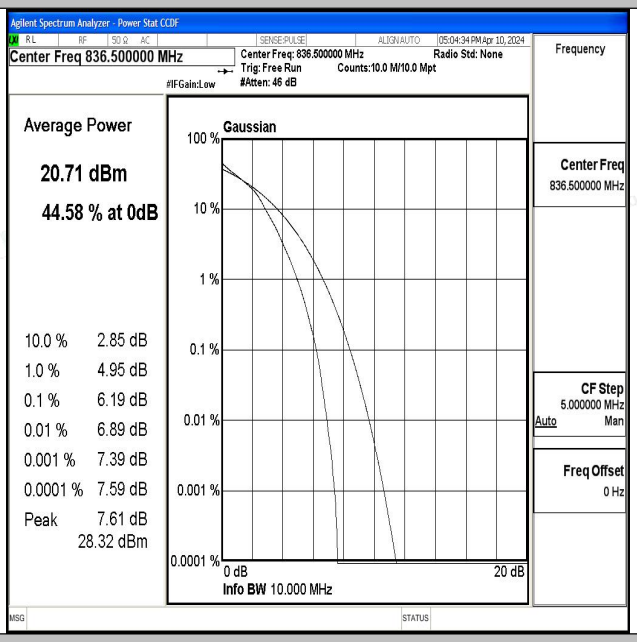

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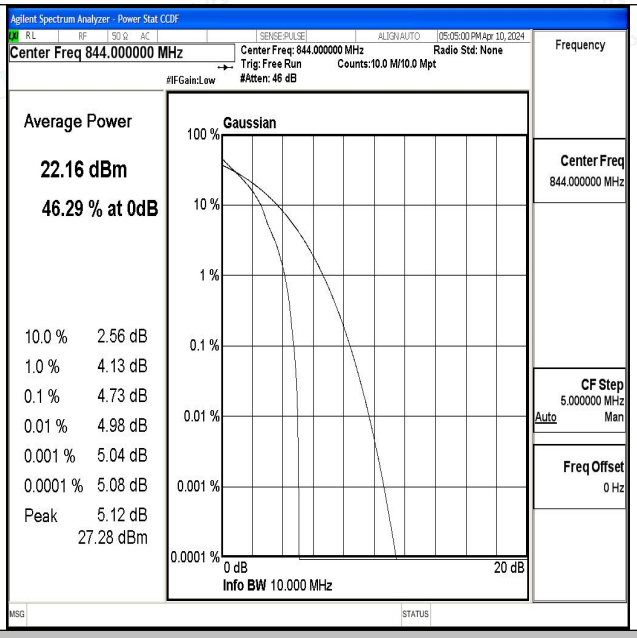

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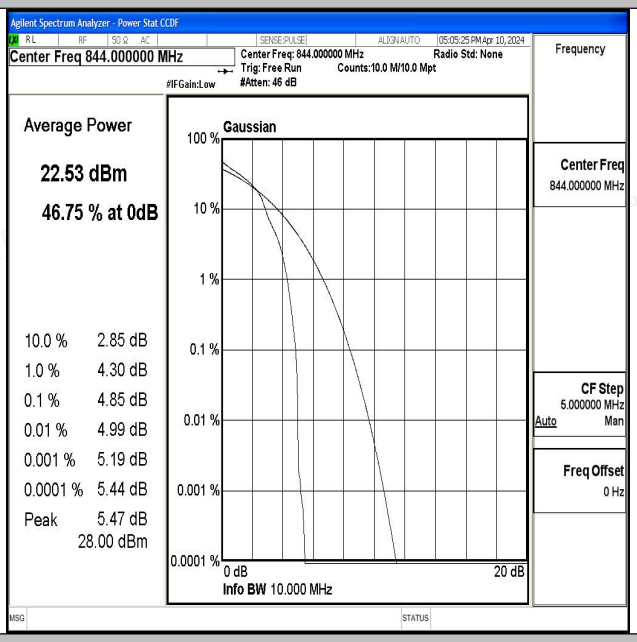

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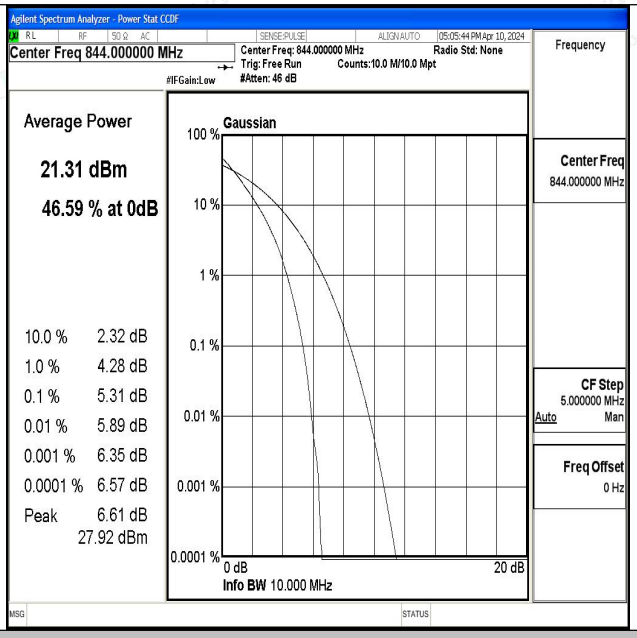

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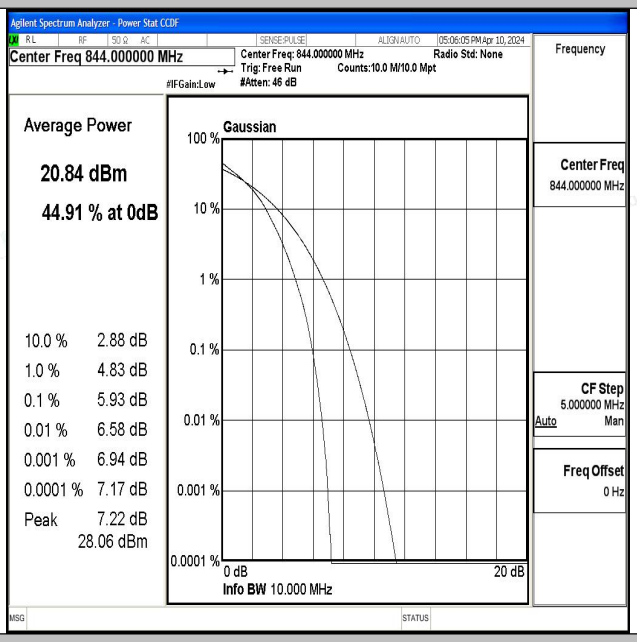

Band5-10MHz-16QAM-20600-50RB#0-PASS