Appendix K: Test Data for E-UTRA Band 41

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

K.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	20.05	PASS
Band41	5MHz	16QAM	39675	1RB#0	20.42	PASS
Band41	5MHz	QPSK	39675	1RB#12	20.14	PASS
Band41	5MHz	16QAM	39675	1RB#12	20.47	PASS
Band41	5MHz	QPSK	39675	1RB#24	20.09	PASS
Band41	5MHz	16QAM	39675	1RB#24	20.49	PASS
Band41	5MHz	QPSK	39675	12RB#0	19.40	PASS
Band41	5MHz	16QAM	39675	12RB#0	18.49	PASS
Band41	5MHz	QPSK	39675	12RB#6	19.42	PASS
Band41	5MHz	16QAM	39675	12RB#6	18.49	PASS
Band41	5MHz	QPSK	39675	12RB#13	19.13	PASS
Band41	5MHz	16QAM	39675	12RB#13	18.38	PASS
Band41	5MHz	QPSK	39675	25RB#0	19.11	PASS
Band41	5MHz	16QAM	39675	25RB#0	18.37	PASS
Band41	5MHz	QPSK	40620	1RB#0	20.90	PASS
Band41	5MHz	16QAM	40620	1RB#0	20.99	PASS
Band41	5MHz	QPSK	40620	1RB#12	20.87	PASS
Band41	5MHz	16QAM	40620	1RB#12	20.81	PASS
Band41	5MHz	QPSK	40620	1RB#24	20.95	PASS
Band41	5MHz	16QAM	40620	1RB#24	21.18	PASS
Band41	5MHz	QPSK	40620	12RB#0	20.11	PASS
Band41	5MHz	16QAM	40620	12RB#0	19.38	PASS
Band41	5MHz	QPSK	40620	12RB#6	20.12	PASS
Band41	5MHz	16QAM	40620	12RB#6	19.39	PASS
Band41	5MHz	QPSK	40620	12RB#13	20.12	PASS
Band41	5MHz	16QAM	40620	12RB#13	19.36	PASS
Band41	5MHz	QPSK	40620	25RB#0	19.99	PASS
Band41	5MHz	16QAM	40620	25RB#0	19.43	PASS
Band41	5MHz	QPSK	41565	1RB#0	20.64	PASS
Band41	5MHz	16QAM	41565	1RB#0	20.40	PASS
Band41	5MHz	QPSK	41565	1RB#12	20.50	PASS
Band41	5MHz	16QAM	41565	1RB#12	20.34	PASS
Band41	5MHz	QPSK	41565	1RB#24	20.61	PASS
Band41	5MHz	16QAM	41565	1RB#24	20.40	PASS
Band41	5MHz	QPSK	41565	12RB#0	19.60	PASS

Band41	5MHz	16QAM	41565	12RB#0	18.85	PASS
Band41	5MHz	QPSK	41565	12RB#6	19.61	PASS
Band41	5MHz	16QAM	41565	12RB#6	18.74	PASS
Band41	5MHz	QPSK	41565	12RB#13	19.51	PASS
Band41	5MHz	16QAM	41565	12RB#13	18.81	PASS
Band41	5MHz	QPSK	41565	25RB#0	19.58	PASS
Band41	5MHz	16QAM	41565	25RB#0	18.93	PASS
Band41	10MHz	QPSK	39700	1RB#0	20.53	PASS
Band41	10MHz	16QAM	39700	1RB#0	20.04	PASS
Band41	10MHz	QPSK	39700	1RB#24	20.48	PASS
Band41	10MHz	16QAM	39700	1RB#24	20.08	PASS
Band41	10MHz	QPSK	39700	1RB#49	20.71	PASS
Band41	10MHz	16QAM	39700	1RB#49	20.23	PASS
Band41	10MHz	QPSK	39700	25RB#0	19.64	PASS
Band41	10MHz	16QAM	39700	25RB#0	18.97	PASS
Band41	10MHz	QPSK	39700	25RB#12	19.65	PASS
Band41	10MHz	16QAM	39700	25RB#12	18.94	PASS
Band41	10MHz	QPSK	39700	25RB#25	19.71	PASS
Band41	10MHz	16QAM	39700	25RB#25	19.01	PASS
Band41	10MHz	QPSK	39700	50RB#0	19.61	PASS
Band41	10MHz	16QAM	39700	50RB#0	18.99	PASS
Band41	10MHz	QPSK	40620	1RB#0	21.16	PASS
Band41	10MHz	16QAM	40620	1RB#0	21.10	PASS
Band41	10MHz	QPSK	40620	1RB#24	21.12	PASS
Band41	10MHz	16QAM	40620	1RB#24	21.09	PASS
Band41	10MHz	QPSK	40620	1RB#49	21.24	PASS
Band41	10MHz	16QAM	40620	1RB#49	21.26	PASS
Band41	10MHz	QPSK	40620	25RB#0	19.98	PASS
Band41	10MHz	16QAM	40620	25RB#0	19.38	PASS
Band41	10MHz	QPSK	40620	25RB#12	19.99	PASS
Band41	10MHz	16QAM	40620	25RB#12	19.38	PASS
Band41	10MHz	QPSK	40620	25RB#25	20.00	PASS
Band41	10MHz	16QAM	40620	25RB#25	19.46	PASS
Band41	10MHz	QPSK	40620	50RB#0	20.12	PASS
Band41	10MHz	16QAM	40620	50RB#0	19.30	PASS
Band41	10MHz	QPSK	41540	1RB#0	20.83	PASS
Band41	10MHz	16QAM	41540	1RB#0	20.70	PASS
Band41	10MHz	QPSK	41540	1RB#24	20.75	PASS
Band41	10MHz	16QAM	41540	1RB#24	20.57	PASS
Band41	10MHz	QPSK	41540	1RB#49	20.77	PASS

Band41	10MHz	16QAM	41540	1RB#49	20.53	PASS
Band41	10MHz	QPSK	41540	25RB#0	19.64	PASS
Band41	10MHz	16QAM	41540	25RB#0	18.88	PASS
Band41	10MHz	QPSK	41540	25RB#12	19.47	PASS
Band41	10MHz	16QAM	41540	25RB#12	18.89	PASS
Band41	10MHz	QPSK	41540	25RB#25	19.48	PASS
Band41	10MHz	16QAM	41540	25RB#25	18.89	PASS
Band41	10MHz	QPSK	41540	50RB#0	19.47	PASS
Band41	10MHz	16QAM	41540	50RB#0	18.83	PASS
Band41	15MHz	QPSK	39725	1RB#0	20.90	PASS
Band41	15MHz	16QAM	39725	1RB#0	20.81	PASS
Band41	15MHz	QPSK	39725	1RB#38	20.97	PASS
Band41	15MHz	16QAM	39725	1RB#38	20.95	PASS
Band41	15MHz	QPSK	39725	1RB#74	21.35	PASS
Band41	15MHz	16QAM	39725	1RB#74	21.25	PASS
Band41	15MHz	QPSK	39725	38RB#0	19.71	PASS
Band41	15MHz	16QAM	39725	38RB#0	19.71	PASS
Band41	15MHz	QPSK	39725	38RB#18	19.71	PASS
Band41	15MHz	16QAM	39725	38RB#18	19.70	PASS
Band41	15MHz	QPSK	39725	38RB#37	19.70	PASS
Band41	15MHz	16QAM	39725	38RB#37	19.70	PASS
Band41	15MHz	QPSK	39725	75RB#0	19.70	PASS
Band41	15MHz	16QAM	39725	75RB#0	19.20	PASS
Band41	15MHz	QPSK	40620	1RB#0	21.13	PASS
Band41	15MHz	16QAM	40620	1RB#0	21.12	PASS
Band41	15MHz	QPSK	40620	1RB#38	21.11	PASS
Band41	15MHz	16QAM	40620	1RB#38	21.09	PASS
Band41	15MHz	QPSK	40620	1RB#74	21.23	PASS
Band41	15MHz	16QAM	40620	1RB#74	21.21	PASS
Band41	15MHz	QPSK	40620	38RB#0	20.01	PASS
Band41	15MHz	16QAM	40620	38RB#0	20.01	PASS
Band41	15MHz	QPSK	40620	38RB#18	20.02	PASS
Band41	15MHz	16QAM	40620	38RB#18	20.02	PASS
Band41	15MHz	QPSK	40620	38RB#37	20.02	PASS
Band41	15MHz	16QAM	40620	38RB#37	20.02	PASS
Band41	15MHz	QPSK	40620	75RB#0	20.02	PASS
Band41	15MHz	16QAM	40620	75RB#0	19.46	PASS
Band41	15MHz	QPSK	41515	1RB#0	20.88	PASS
Band41	15MHz	16QAM	41515	1RB#0	20.66	PASS
Band41	15MHz	QPSK	41515	1RB#38	20.74	PASS

Band41	15MHz	16QAM	41515	1RB#38	20.57	PASS
Band41	15MHz	QPSK	41515	1RB#74	20.73	PASS
Band41	15MHz	16QAM	41515	1RB#74	20.55	PASS
Band41	15MHz	QPSK	41515	38RB#0	19.69	PASS
Band41	15MHz	16QAM	41515	38RB#0	19.70	PASS
Band41	15MHz	QPSK	41515	38RB#18	19.70	PASS
Band41	15MHz	16QAM	41515	38RB#18	19.70	PASS
Band41	15MHz	QPSK	41515	38RB#37	19.70	PASS
Band41	15MHz	16QAM	41515	38RB#37	19.70	PASS
Band41	15MHz	QPSK	41515	75RB#0	19.70	PASS
Band41	15MHz	16QAM	41515	75RB#0	19.06	PASS
Band41	20MHz	QPSK	39750	1RB#0	20.77	PASS
Band41	20MHz	16QAM	39750	1RB#0	20.19	PASS
Band41	20MHz	QPSK	39750	1RB#49	20.74	PASS
Band41	20MHz	16QAM	39750	1RB#49	20.22	PASS
Band41	20MHz	QPSK	39750	1RB#99	21.10	PASS
Band41	20MHz	16QAM	39750	1RB#99	20.69	PASS
Band41	20MHz	QPSK	39750	50RB#0	19.88	PASS
Band41	20MHz	16QAM	39750	50RB#0	19.45	PASS
Band41	20MHz	QPSK	39750	50RB#25	19.87	PASS
Band41	20MHz	16QAM	39750	50RB#25	19.42	PASS
Band41	20MHz	QPSK	39750	50RB#50	20.23	PASS
Band41	20MHz	16QAM	39750	50RB#50	19.77	PASS
Band41	20MHz	QPSK	39750	100RB#0	20.12	PASS
Band41	20MHz	16QAM	39750	100RB#0	19.42	PASS
Band41	20MHz	QPSK	40620	1RB#0	20.73	PASS
Band41	20MHz	16QAM	40620	1RB#0	20.95	PASS
Band41	20MHz	QPSK	40620	1RB#49	20.73	PASS
Band41	20MHz	16QAM	40620	1RB#49	20.76	PASS
Band41	20MHz	QPSK	40620	1RB#99	20.83	PASS
Band41	20MHz	16QAM	40620	1RB#99	20.84	PASS
Band41	20MHz	QPSK	40620	50RB#0	20.01	PASS
Band41	20MHz	16QAM	40620	50RB#0	19.55	PASS
Band41	20MHz	QPSK	40620	50RB#25	20.02	PASS
Band41	20MHz	16QAM	40620	50RB#25	19.55	PASS
Band41	20MHz	QPSK	40620	50RB#50	20.14	PASS
Band41	20MHz	16QAM	40620	50RB#50	19.71	PASS
Band41	20MHz	QPSK	40620	100RB#0	20.07	PASS
Band41	20MHz	16QAM	40620	100RB#0	19.52	PASS
Band41	20MHz	QPSK	41490	1RB#0	20.46	PASS

Band41	20MHz	16QAM	41490	1RB#0	20.58	PASS
Band41	20MHz	QPSK	41490	1RB#49	20.50	PASS
Band41	20MHz	16QAM	41490	1RB#49	20.69	PASS
Band41	20MHz	QPSK	41490	1RB#99	20.40	PASS
Band41	20MHz	16QAM	41490	1RB#99	20.68	PASS
Band41	20MHz	QPSK	41490	50RB#0	19.69	PASS
Band41	20MHz	16QAM	41490	50RB#0	19.07	PASS
Band41	20MHz	QPSK	41490	50RB#25	19.71	PASS
Band41	20MHz	16QAM	41490	50RB#25	19.08	PASS
Band41	20MHz	QPSK	41490	50RB#50	19.62	PASS
Band41	20MHz	16QAM	41490	50RB#50	19.14	PASS
Band41	20MHz	QPSK	41490	100RB#0	19.66	PASS
Band41	20MHz	16QAM	41490	100RB#0	18.96	PASS

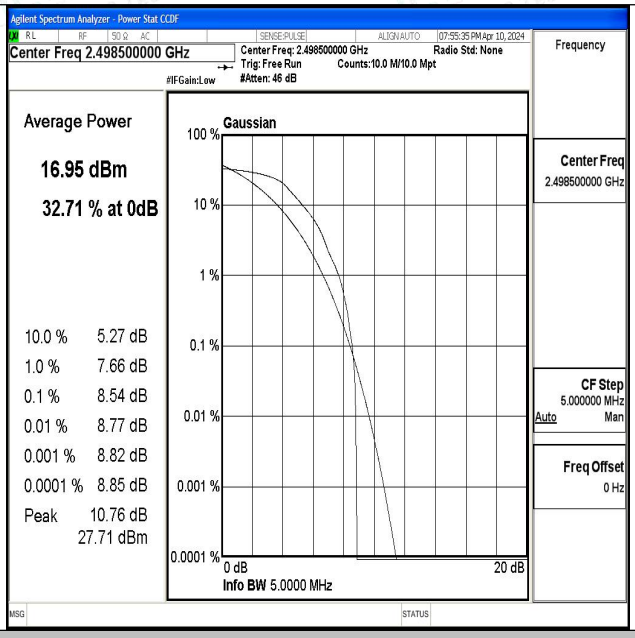
K.2 Peak-to-Average Ratio(CCDF)

Test Result

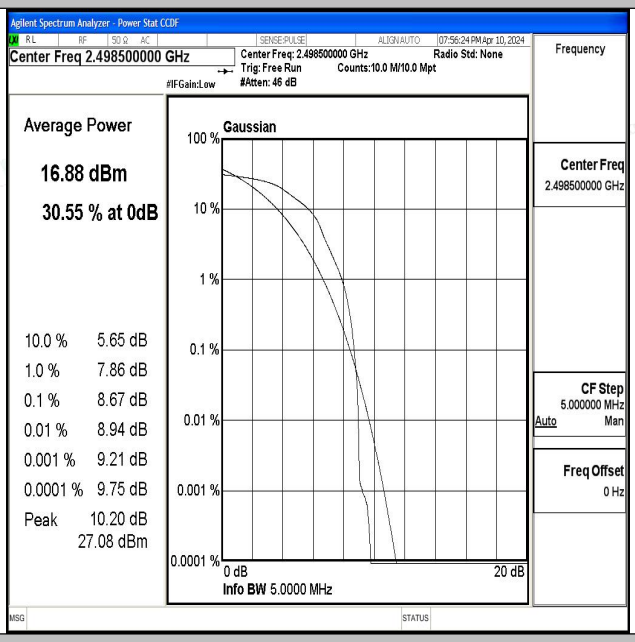
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	8.54	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	8.67	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	9.22	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	9.57	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	8.70	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	8.98	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	8.94	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	9.80	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	8.45	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	8.95	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	9.11	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	9.80	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	8.54	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	9.13	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	9.03	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	9.93	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	8.37	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	9.03	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	9.14	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	9.68	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	8.50	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	8.72	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	9.33	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	9.88	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	8.32	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	8.52	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	9.28	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	10.04	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	8.69	13	PASS
Band41	15MHz	16QAM	40620	1RB#0	9.03	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	9.09	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	9.80	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	8.24	13	PASS
Band41	15MHz	16QAM	41515	1RB#0	9.10	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	9.57	13	PASS

Band41	15MHz	16QAM	41515	75RB#0	9.99	13	PASS
Band41	20MHz	QPSK	39750	1RB#0	8.48	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	8.64	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	8.78	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	9.89	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	8.00	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	8.65	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	8.70	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	9.70	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	8.18	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	8.47	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	9.11	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	9.49	13	PASS

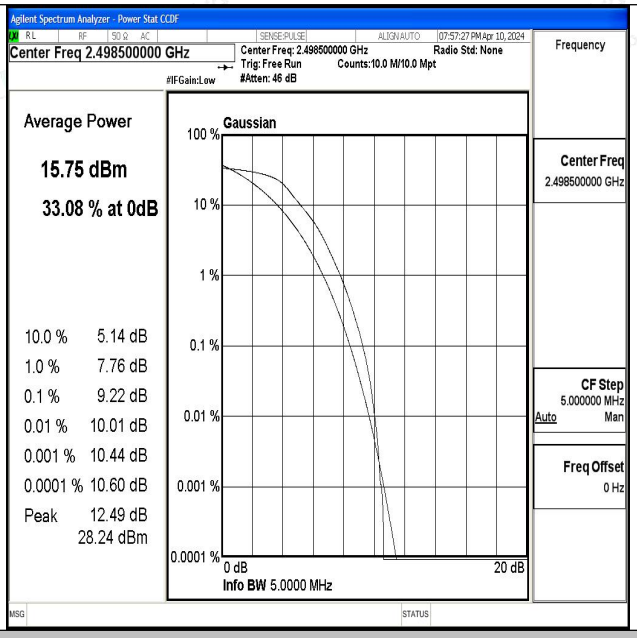
Test Graphs



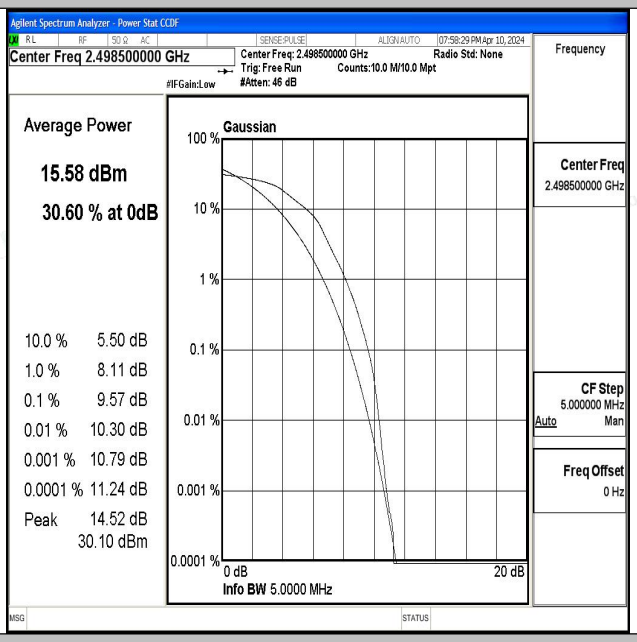
Band41-5MHz-QPSK-39675-1RB#0-PASS



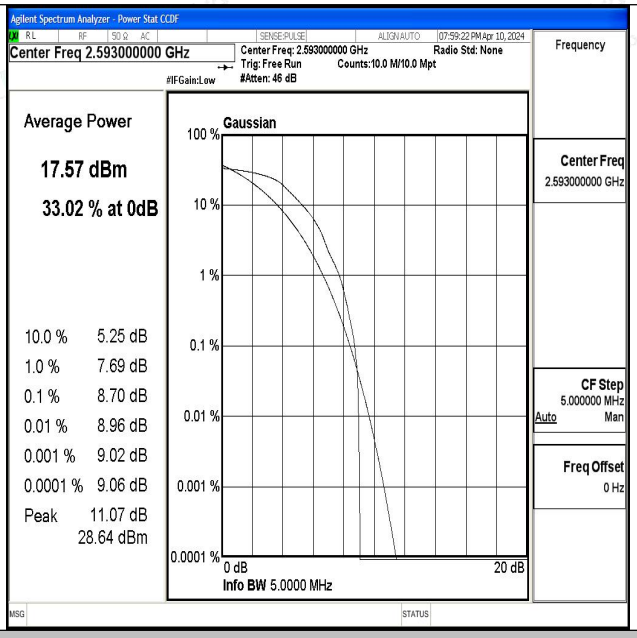
Band41-5MHz-16QAM-39675-1RB#0-PASS



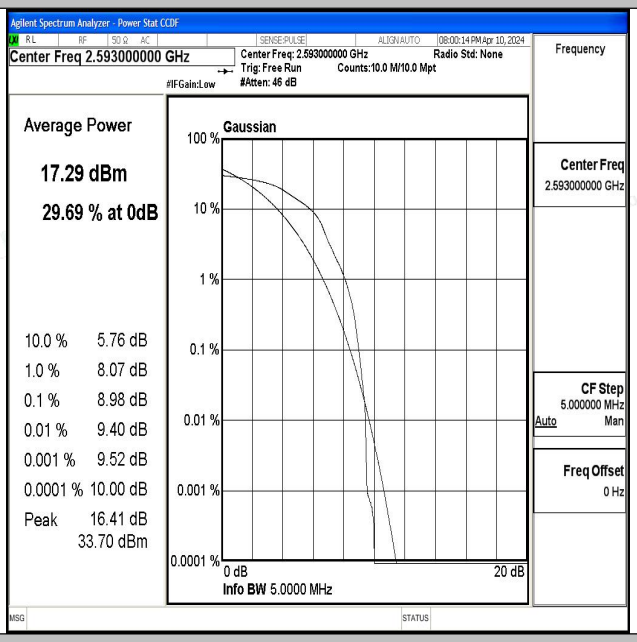
Band41-5MHz-QPSK-39675-25RB#0-PASS



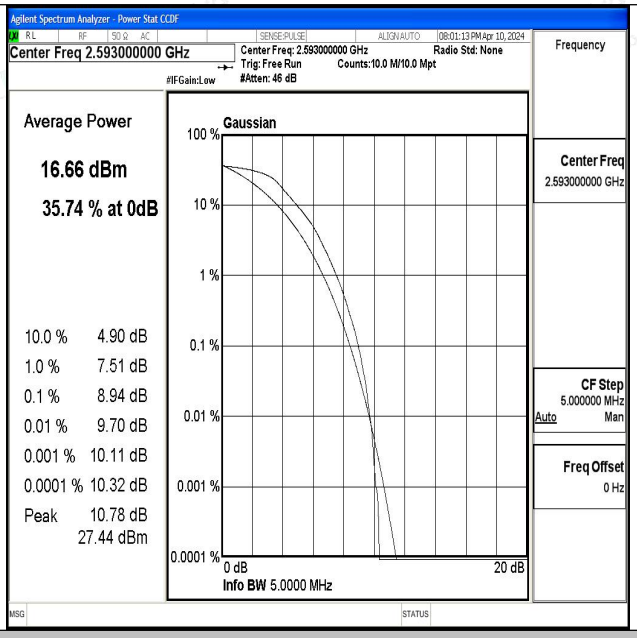
Band41-5MHz-16QAM-39675-25RB#0-PASS



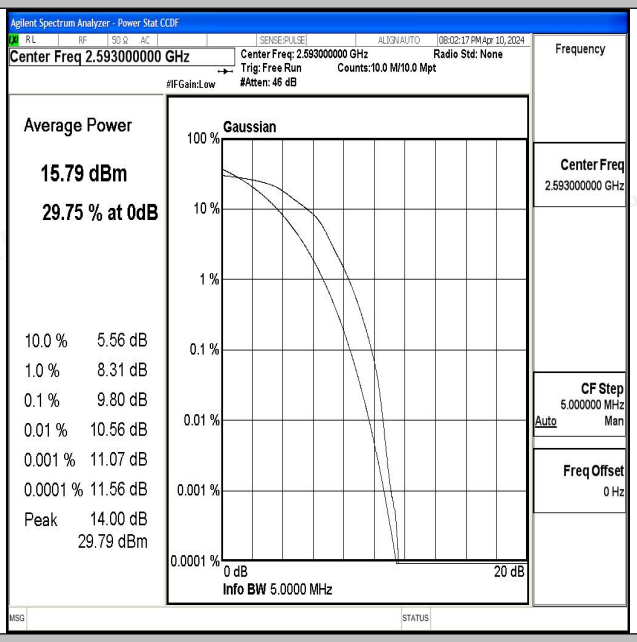
Band41-5MHz-QPSK-40620-1RB#0-PASS



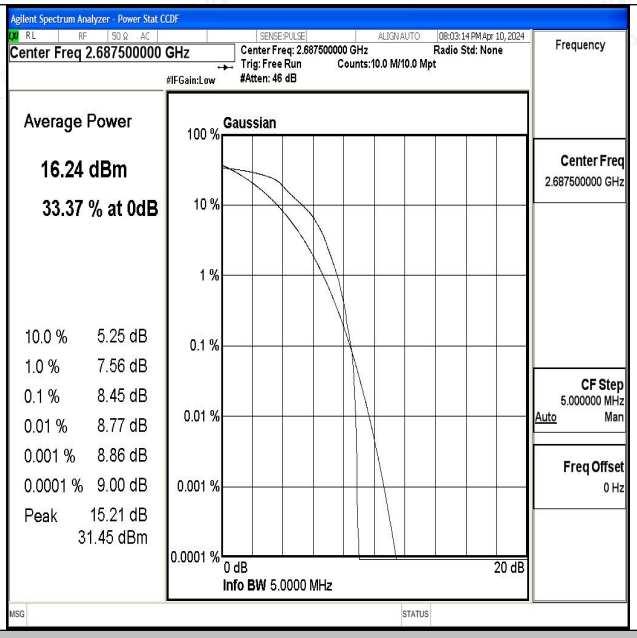
Band41-5MHz-16QAM-40620-1RB#0-PASS



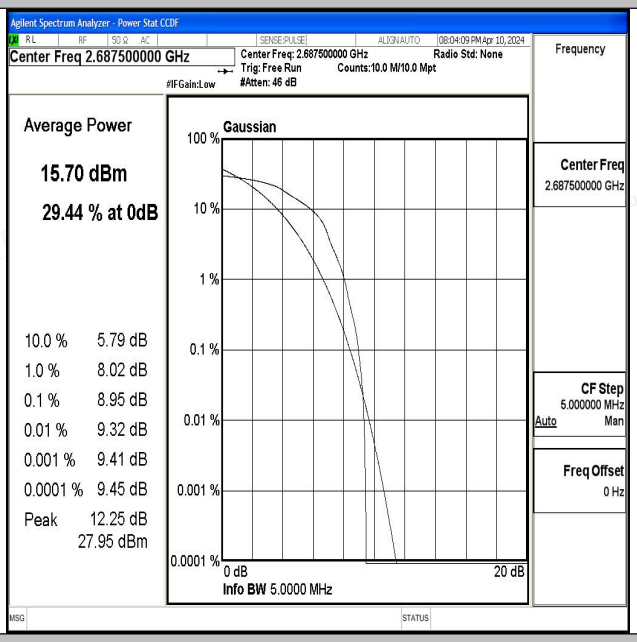
Band41-5MHz-QPSK-40620-25RB#0-PASS



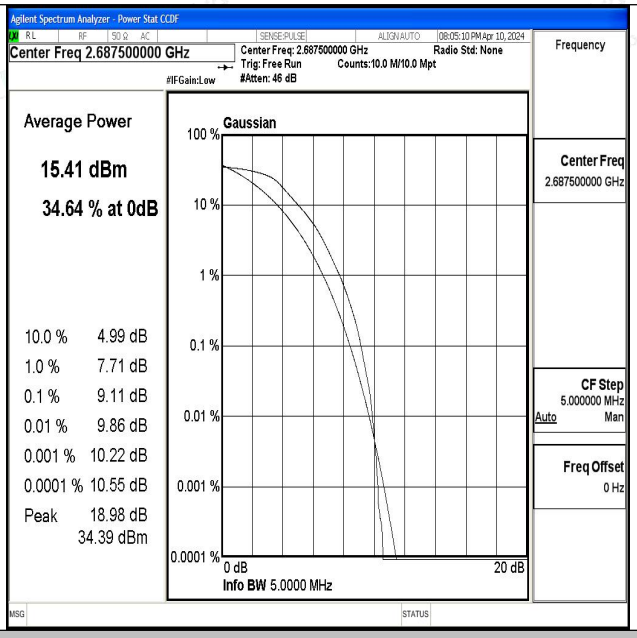
Band41-5MHz-16QAM-40620-25RB#0-PASS



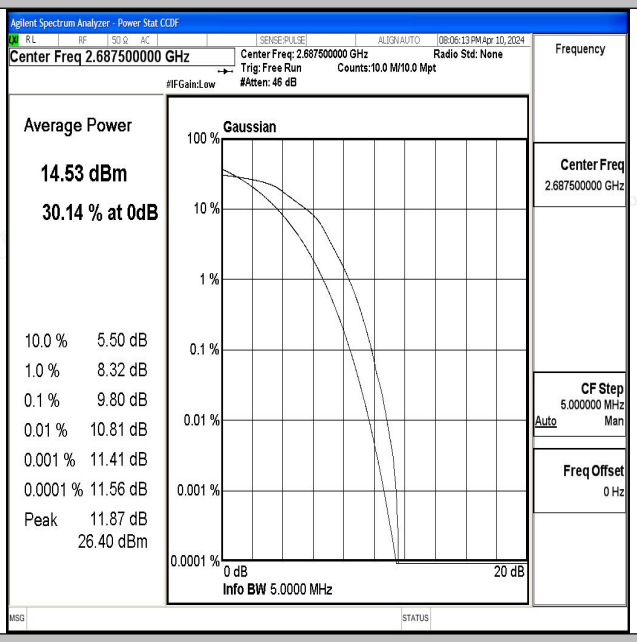
Band41-5MHz-QPSK-41565-1RB#0-PASS



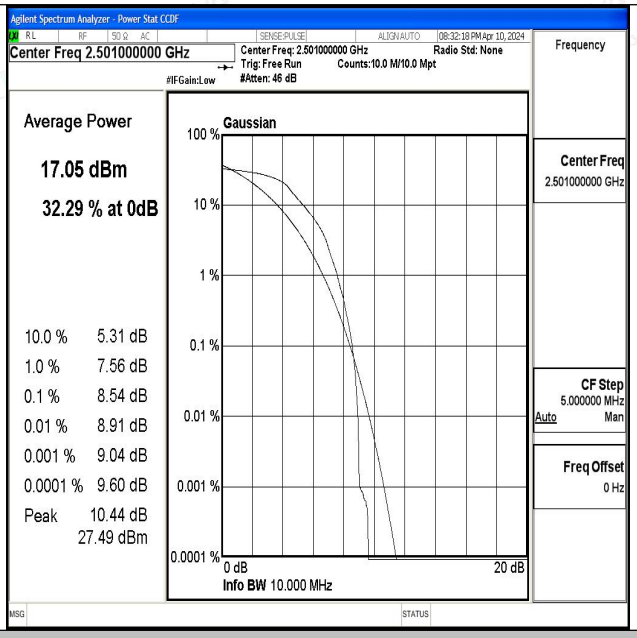
Band41-5MHz-16QAM-41565-1RB#0-PASS



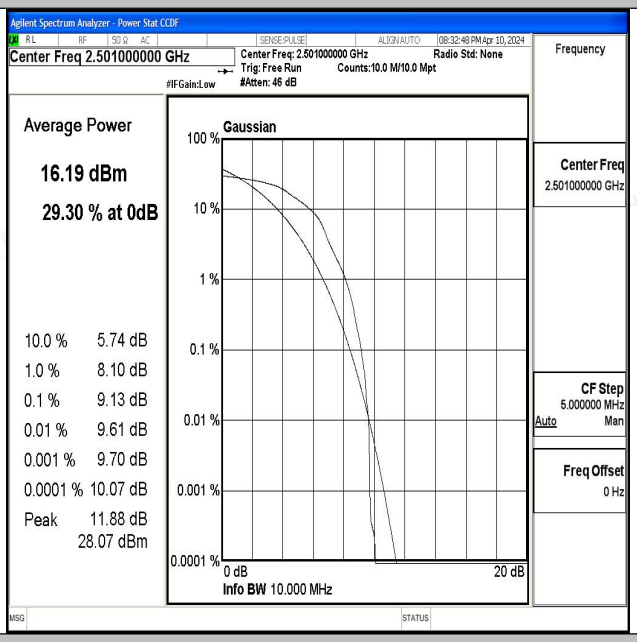
Band41-5MHz-QPSK-41565-25RB#0-PASS



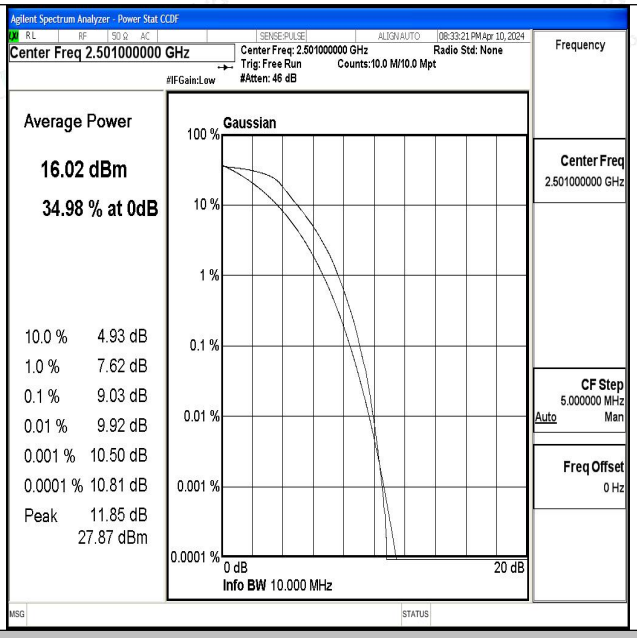
Band41-5MHz-16QAM-41565-25RB#0-PASS



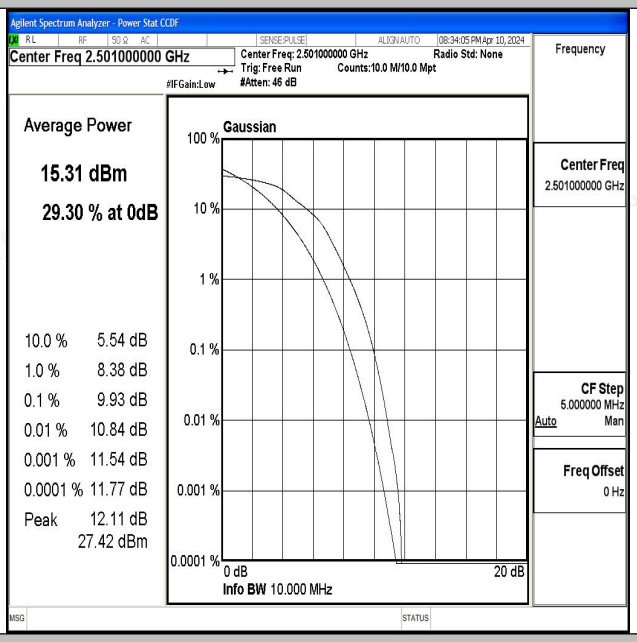
Band41-10MHz-QPSK-39700-1RB#0-PASS



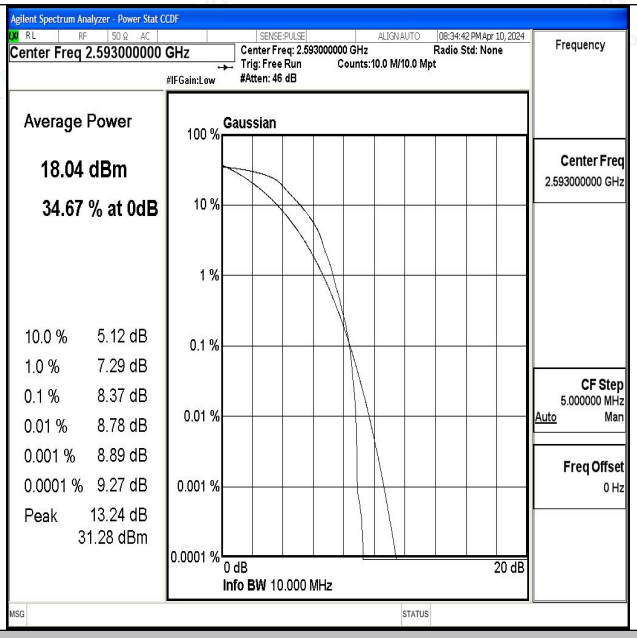
Band41-10MHz-16QAM-39700-1RB#0-PASS



Band41-10MHz-QPSK-39700-50RB#0-PASS



Band41-10MHz-16QAM-39700-50RB#0-PASS



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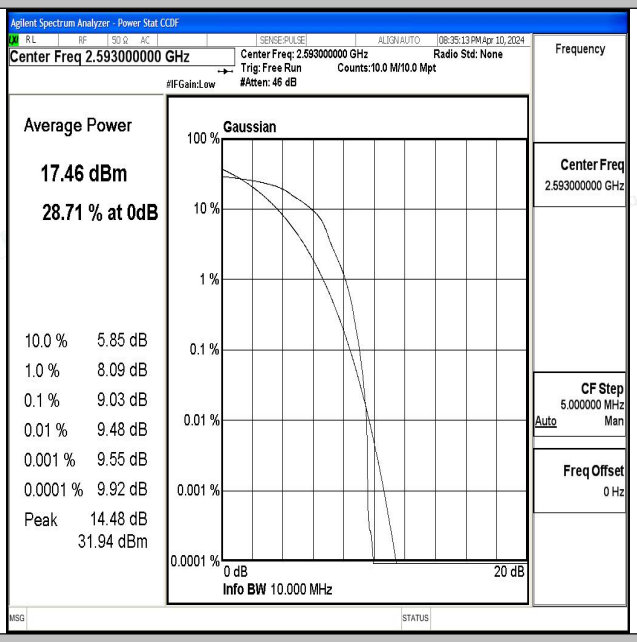

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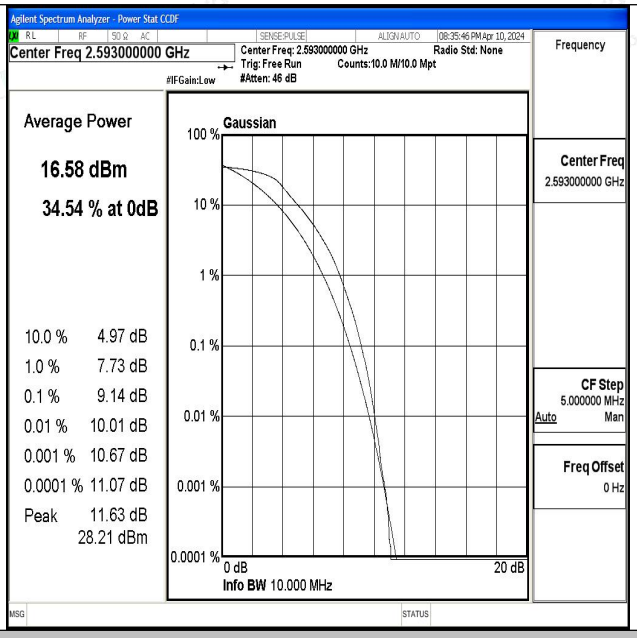

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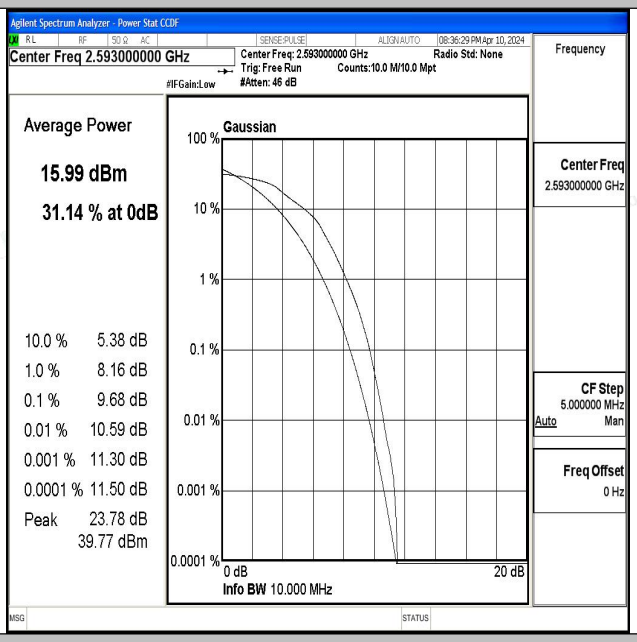

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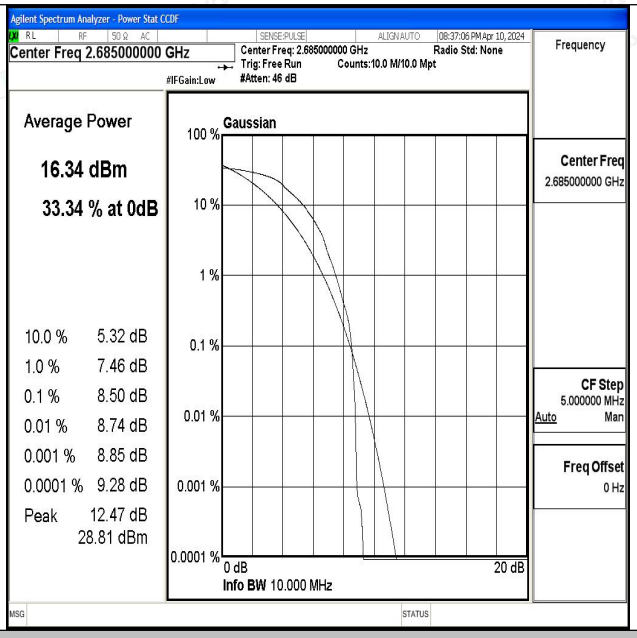
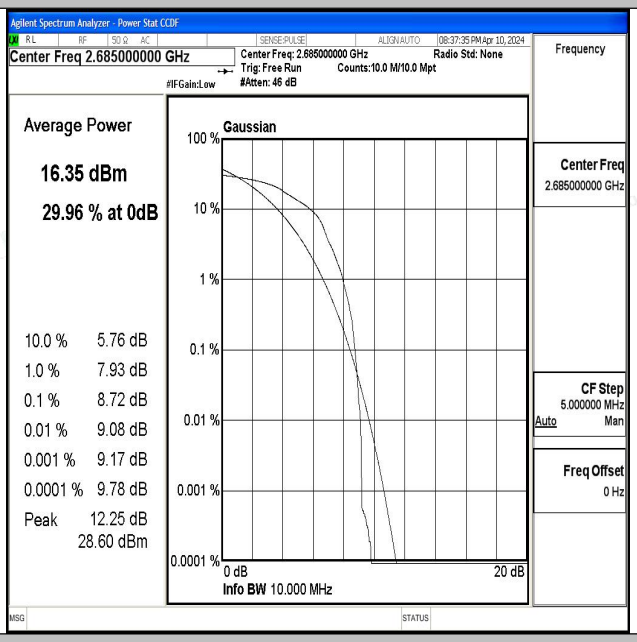


Band41-10MHz-QPSK-41540-1RB#0-PASS



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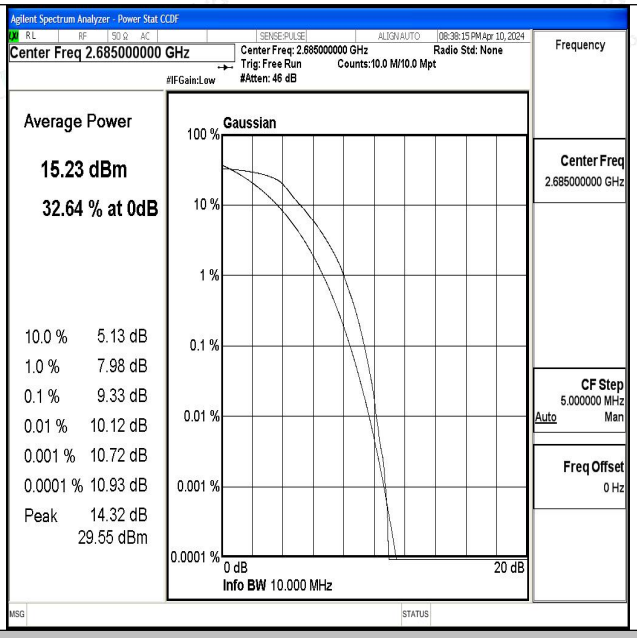

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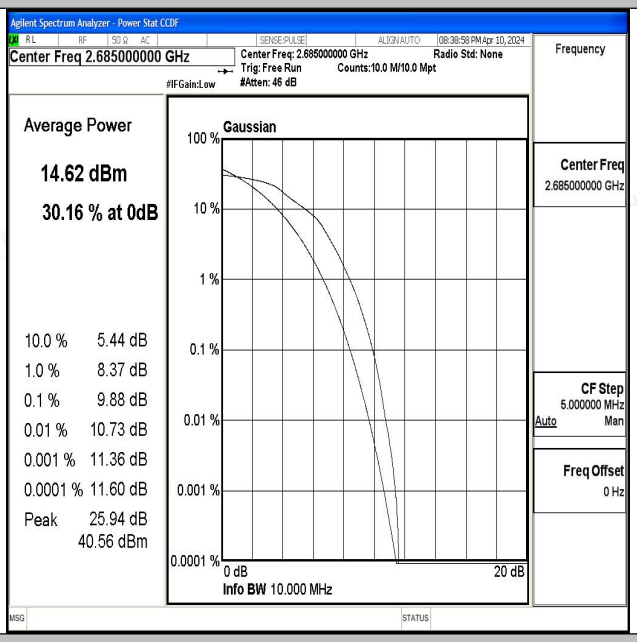

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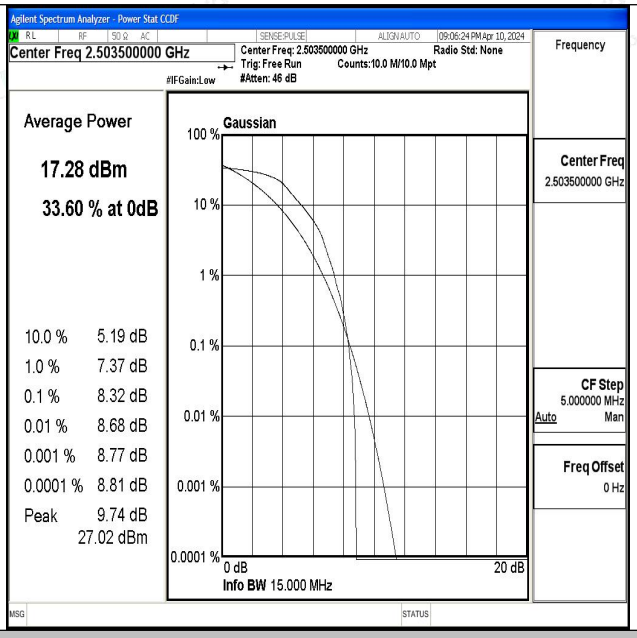

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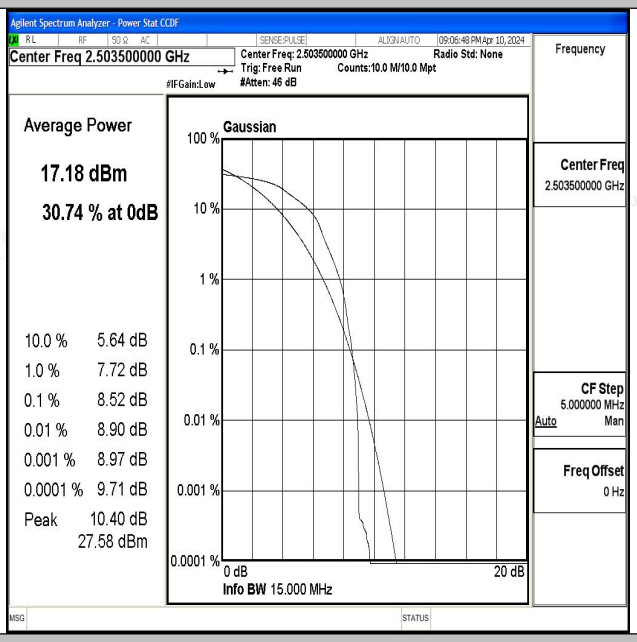

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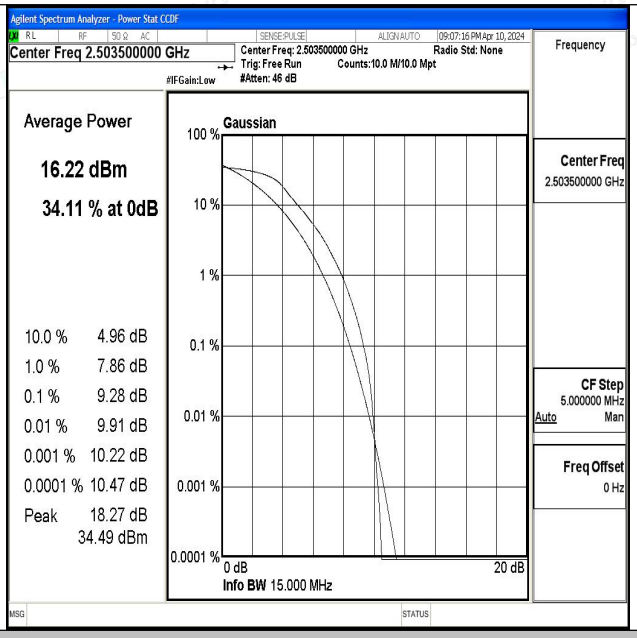

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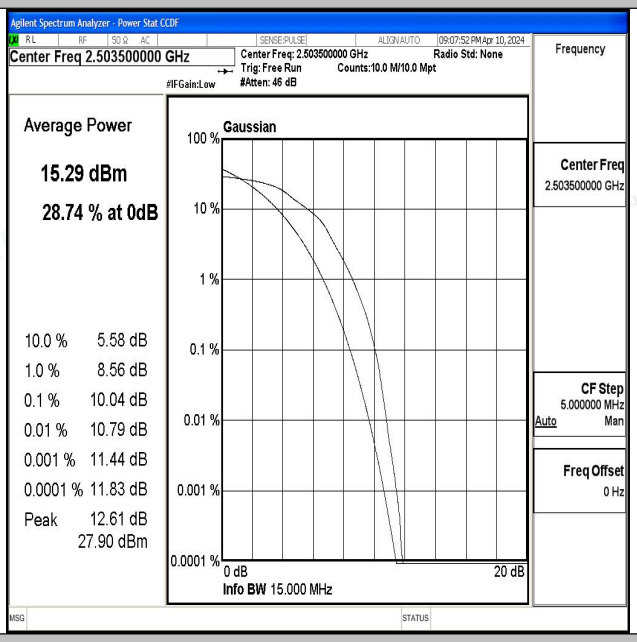

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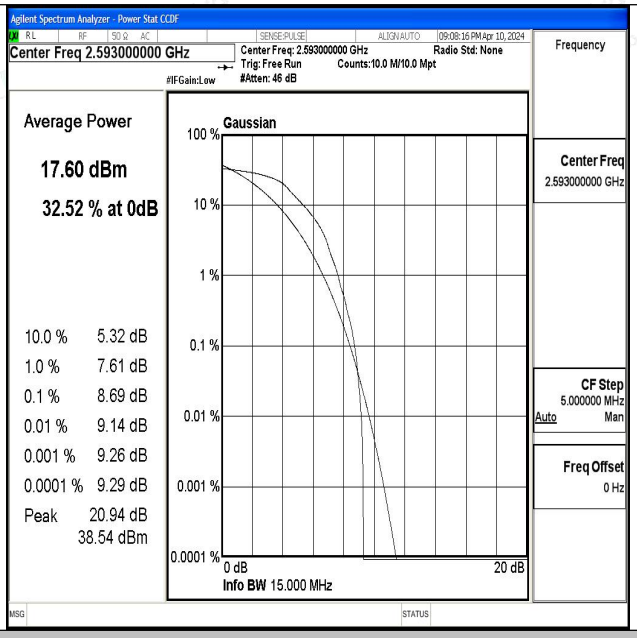

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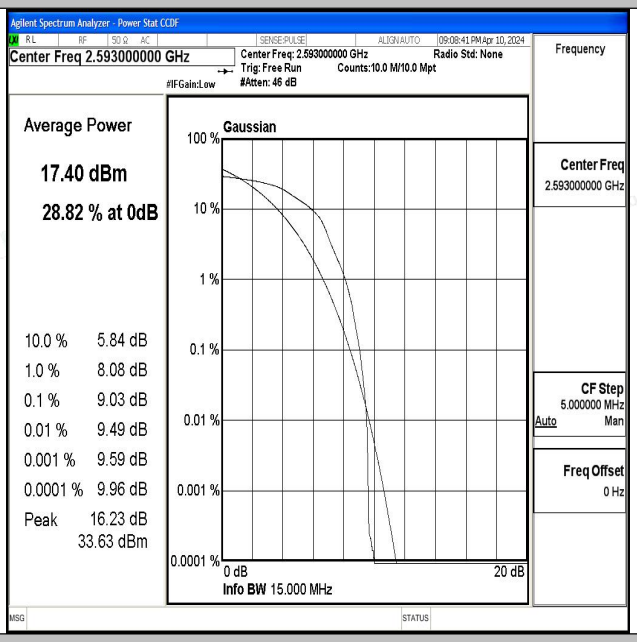

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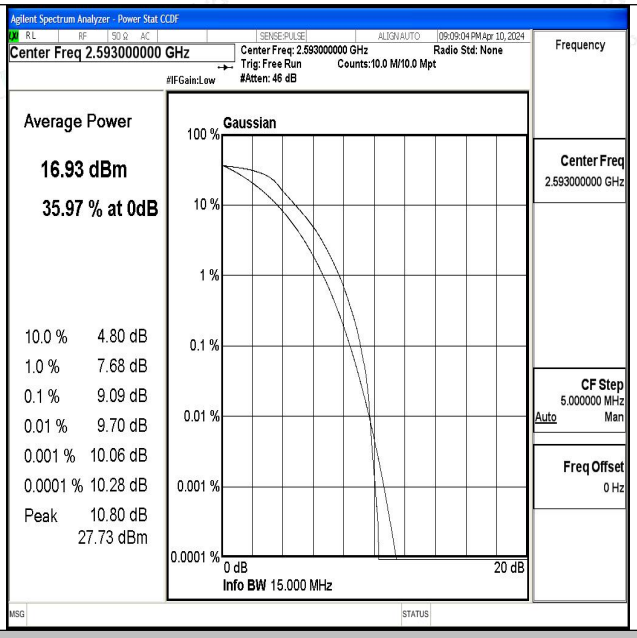

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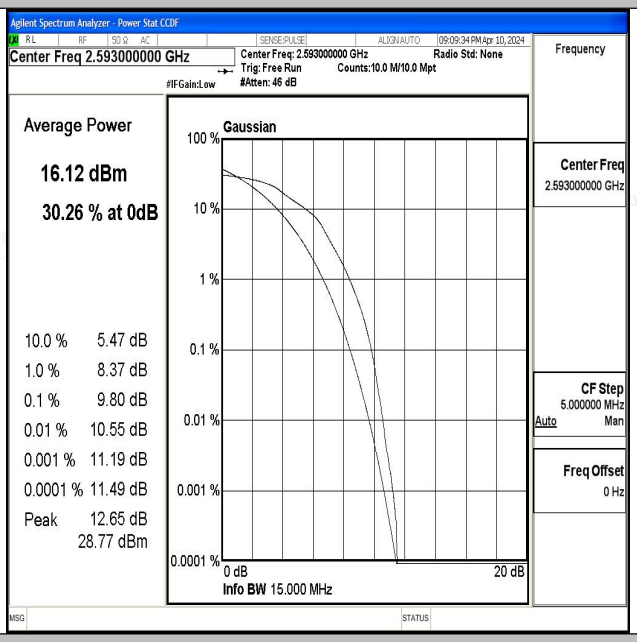

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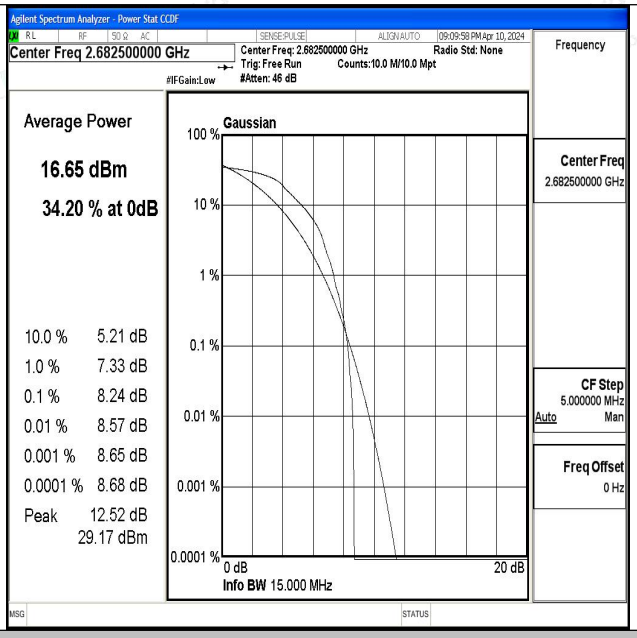

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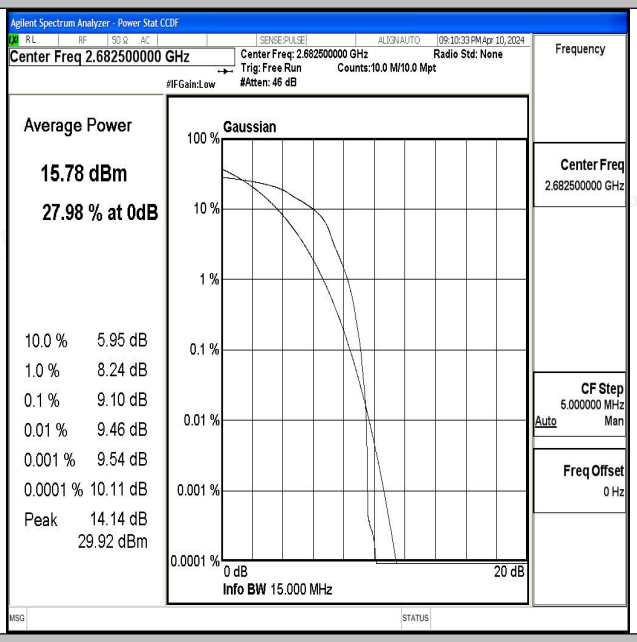

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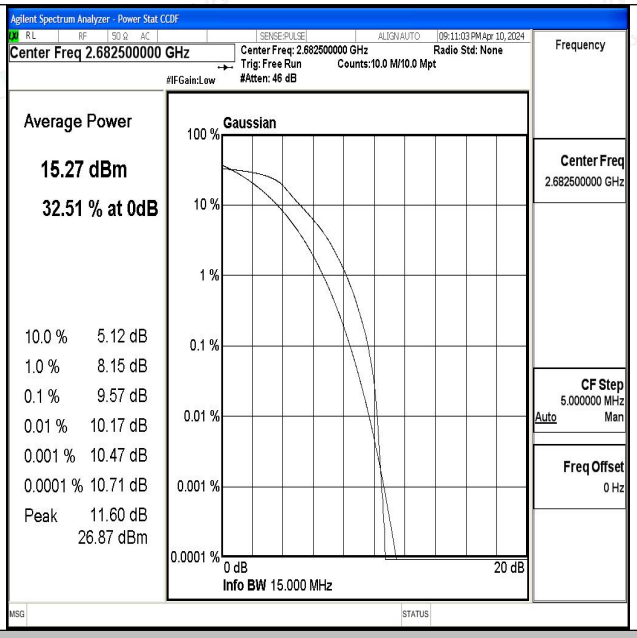

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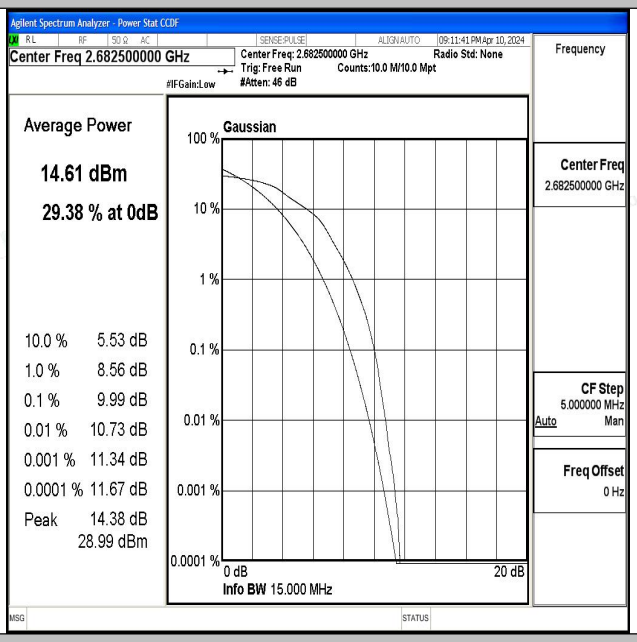

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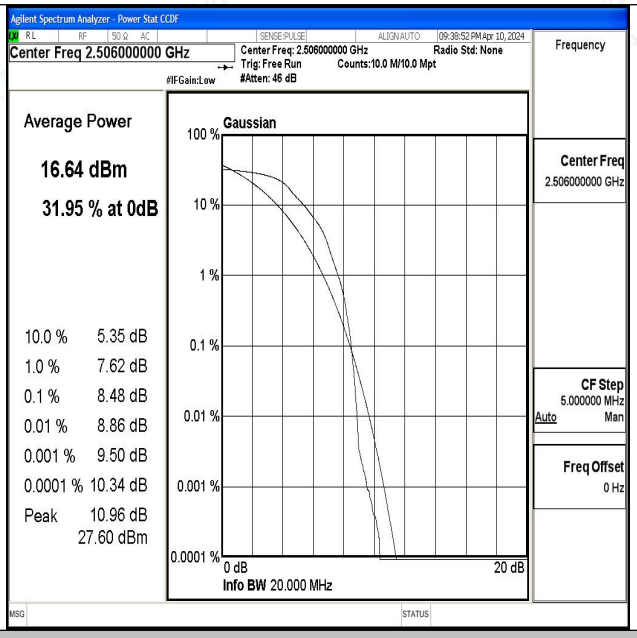
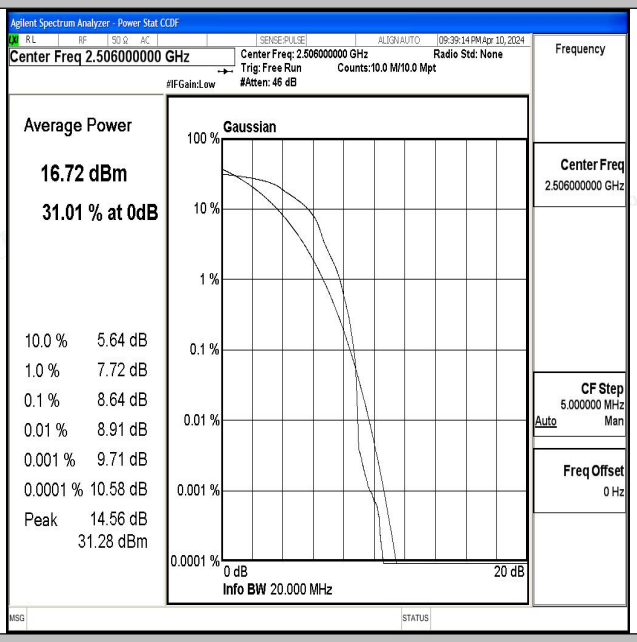


Band41-20MHz-QPSK-39750-1RB#0-PASS



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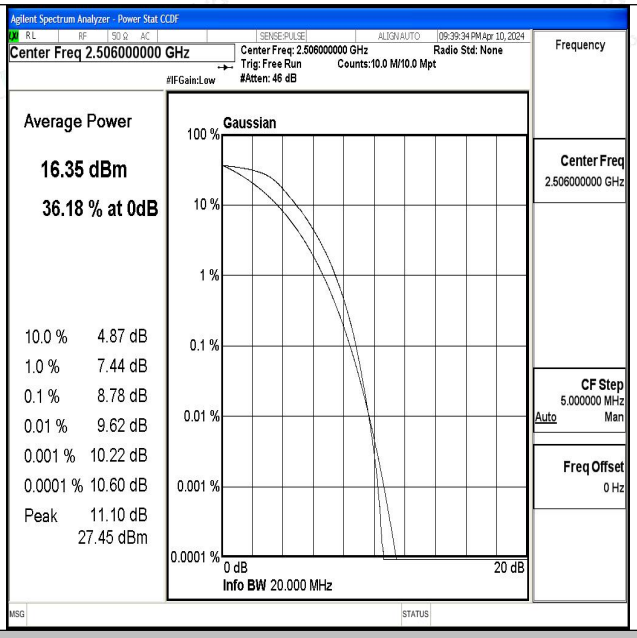

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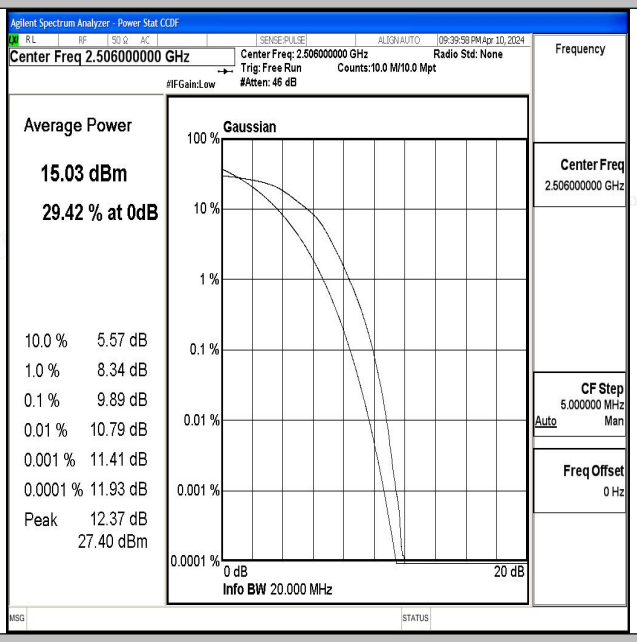

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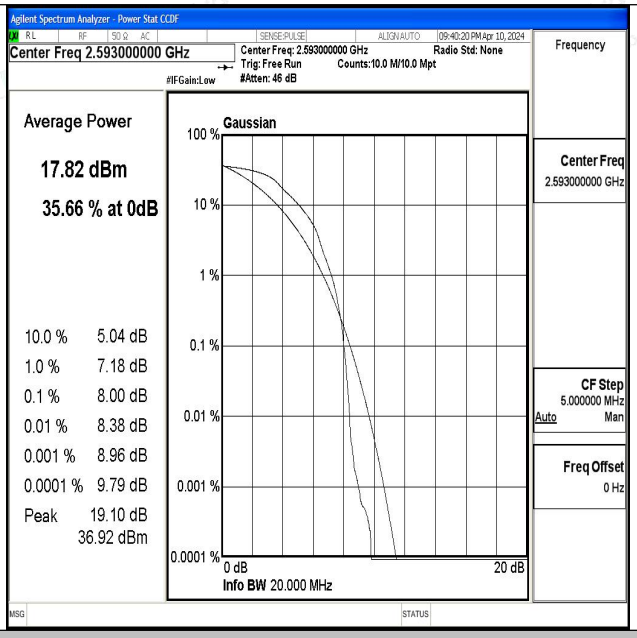

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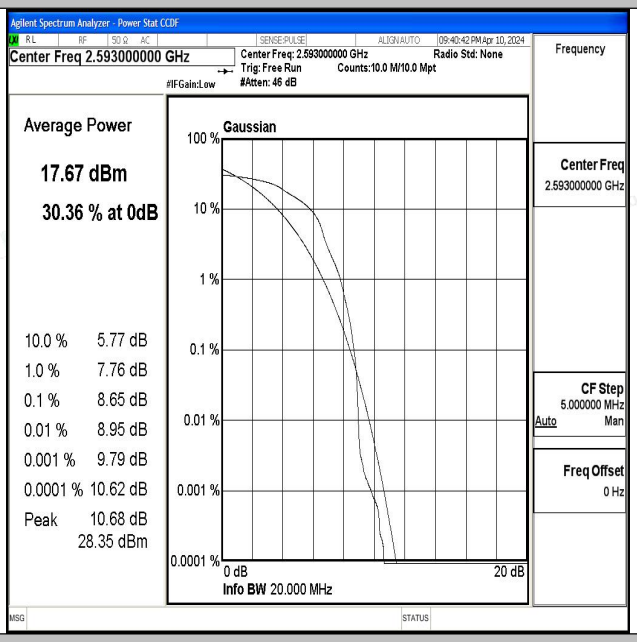

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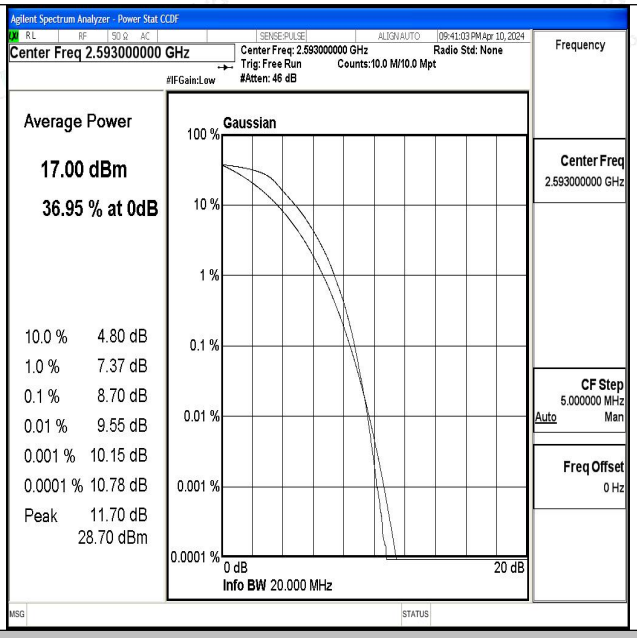

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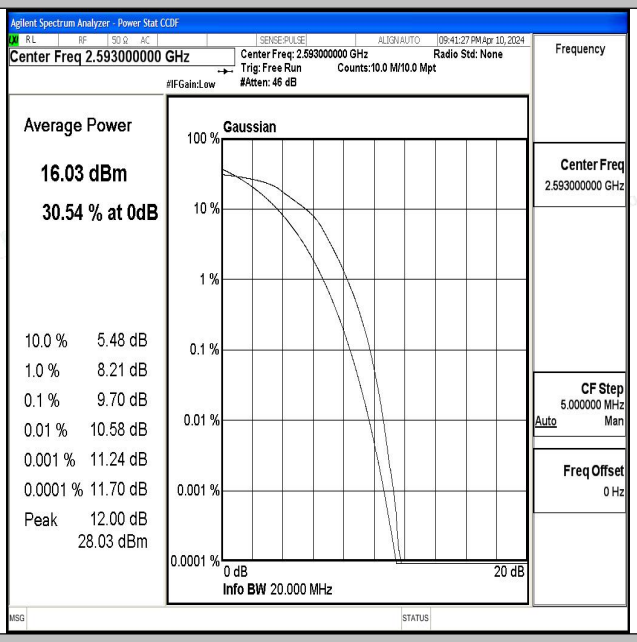

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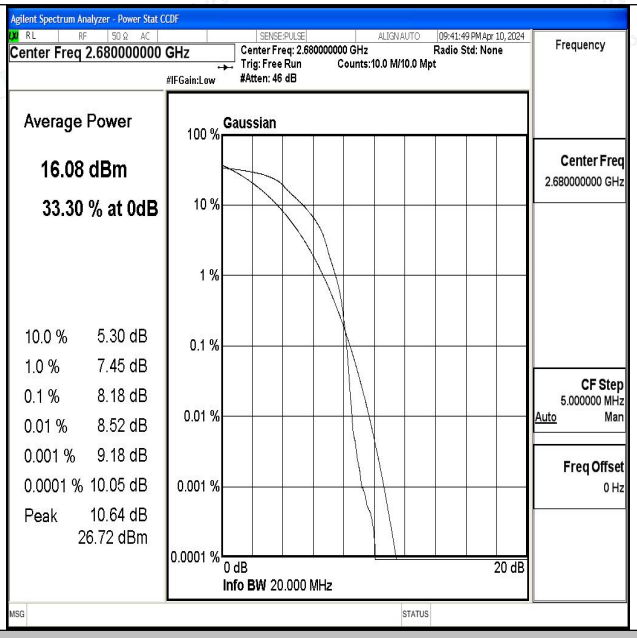
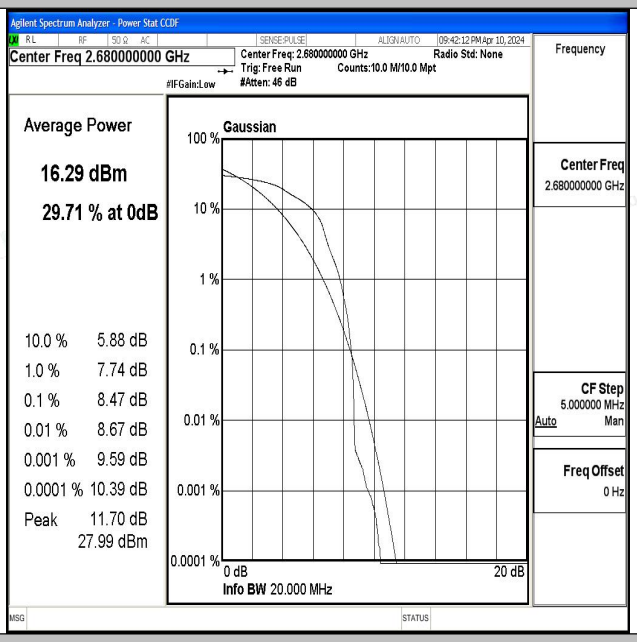
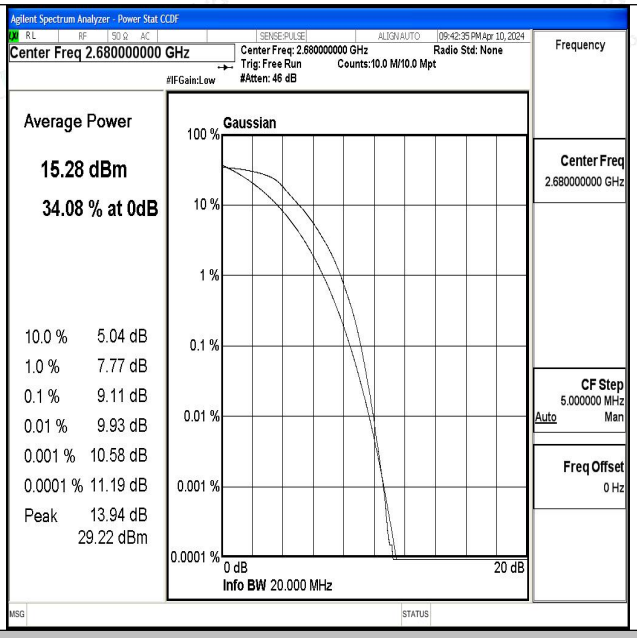


Band41-20MHz-QPSK-41490-1RB#0-PASS



Band41-20MHz-16QAM-41490-1RB#0-PASS



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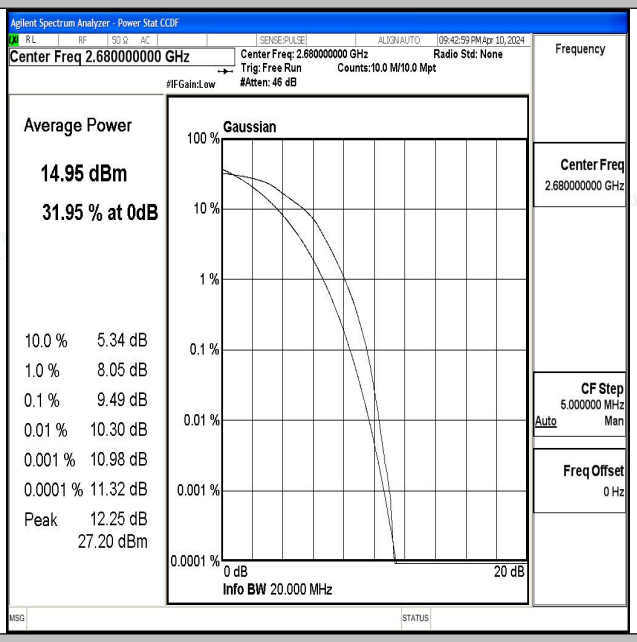

Band41-20MHz-16QAM-41490-100RB#0-PASS