Appendix I: Test Data for E-UTRA Band 12

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

I.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	22.93	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.36	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	22.90	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.64	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	22.88	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.63	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.23	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	22.10	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.23	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	22.10	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.02	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	21.93	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.27	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.52	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.18	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.76	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.07	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.89	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.11	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	23.27	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.06	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.31	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.15	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.31	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.03	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	21.80	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.15	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.38	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.04	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	21.64	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	22.94	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	21.67	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.07	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.12	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	23.05	PASS

Band12	1.4MHz	16QAM	23173	3RB#0	22.24	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.05	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.24	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.12	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	21.98	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.22	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.46	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.88	PASS
Band12	3MHz	16QAM	23025	1RB#0	21.87	PASS
Band12	3MHz	QPSK	23025	1RB#8	22.92	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.01	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.82	PASS
Band12	3MHz	16QAM	23025	1RB#14	21.97	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.10	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.35	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.07	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.39	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.03	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.30	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.07	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.28	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.86	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.80	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.99	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.13	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.24	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.07	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.08	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.29	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.05	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.29	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.06	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.43	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.17	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.06	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.91	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.50	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.86	PASS
Band12	3MHz	16QAM	23165	1RB#8	22.45	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.67	PASS

Band12	3MHz	16QAM	23165	1RB#14	22.42	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.01	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.34	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.02	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.33	PASS
Band12	3MHz	QPSK	23165	8RB#7	21.92	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.33	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.91	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.06	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.98	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.58	PASS
Band12	5MHz	QPSK	23035	1RB#12	22.92	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.60	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.93	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.47	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.09	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.14	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.05	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.15	PASS
Band12	5MHz	QPSK	23035	12RB#13	21.97	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.14	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.09	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.28	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.79	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.33	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.26	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.78	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.28	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.09	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.14	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.04	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.30	PASS
Band12	5MHz	QPSK	23095	12RB#13	21.93	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.13	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.84	PASS
Band12	5MHz	16QAM	23095	25RB#0	20.97	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.87	PASS
Band12	5MHz	16QAM	23155	1RB#0	21.83	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.74	PASS

Band12	5MHz	16QAM	23155	1RB#12	21.73	PASS
Band12	5MHz	QPSK	23155	1RB#24	22.69	PASS
Band12	5MHz	16QAM	23155	1RB#24	21.75	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.05	PASS
Band12	5MHz	16QAM	23155	12RB#0	21.20	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.06	PASS
Band12	5MHz	16QAM	23155	12RB#6	21.19	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.97	PASS
Band12	5MHz	16QAM	23155	12RB#13	21.21	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.86	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.22	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	21.82	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.82	PASS
Band12	10MHz	16QAM	23060	1RB#24	21.81	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.73	PASS
Band12	10MHz	16QAM	23060	1RB#49	21.81	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.09	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.15	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.09	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.09	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.09	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.12	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.11	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.35	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.06	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.06	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.00	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.09	PASS
Band12	10MHz	QPSK	23095	1RB#49	23.00	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.01	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.16	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.33	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.11	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.33	PASS
Band12	10MHz	QPSK	23095	25RB#25	21.97	PASS
Band12	10MHz	16QAM	23095	25RB#25	21.39	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.00	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.25	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.94	PASS

Band12	10MHz	16QAM	23130	1RB#0	22.80	PASS
Band12	10MHz	QPSK	23130	1RB#24	22.73	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.67	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.24	PASS
Band12	10MHz	QPSK	23130	25RB#0	21.86	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.21	PASS
Band12	10MHz	QPSK	23130	25RB#12	21.85	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.24	PASS
Band12	10MHz	QPSK	23130	25RB#25	22.07	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.18	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.92	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.19	PASS

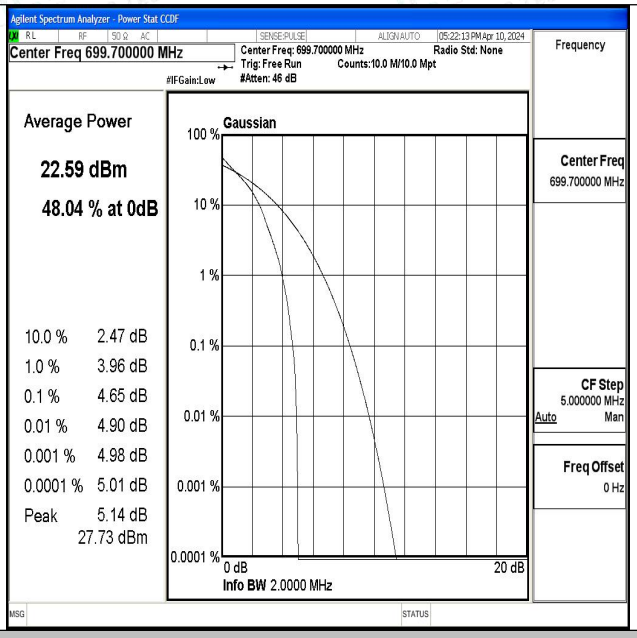
I.2 Peak-to-Average Ratio(CCDF)

Test Result

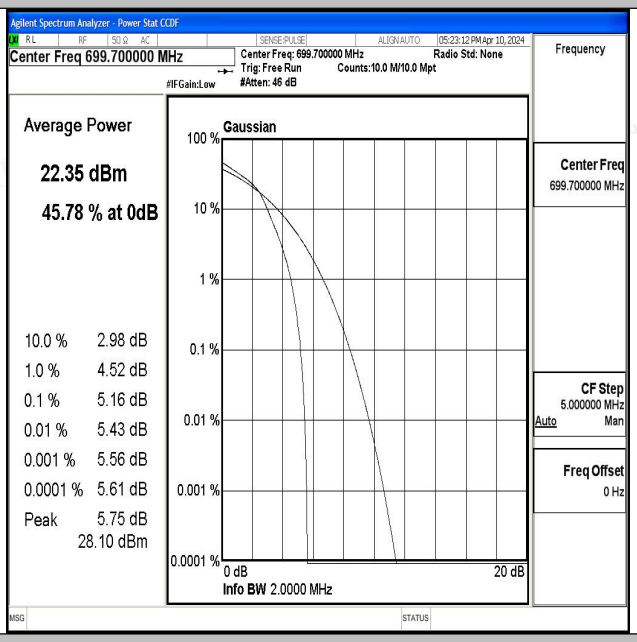
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	4.65	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.16	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.33	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.07	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.77	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.26	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.40	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.10	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	4.20	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	4.75	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.88	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.52	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	4.80	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	5.57	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.36	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.14	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.85	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.64	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.42	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.14	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	4.47	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.27	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.00	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.75	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	4.84	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.60	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.54	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.19	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.93	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.69	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.52	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.17	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	4.79	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	5.53	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.31	13	PASS

Band12	5MHz	16QAM	23155	25RB#0	5.94	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	4.79	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	5.50	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.55	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.22	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.92	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.63	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.56	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.19	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.87	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.56	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.40	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.09	13	PASS

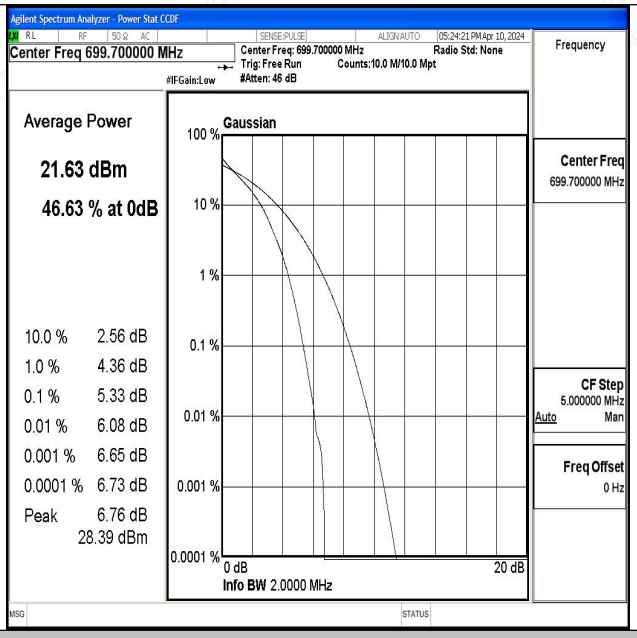
Test Graphs



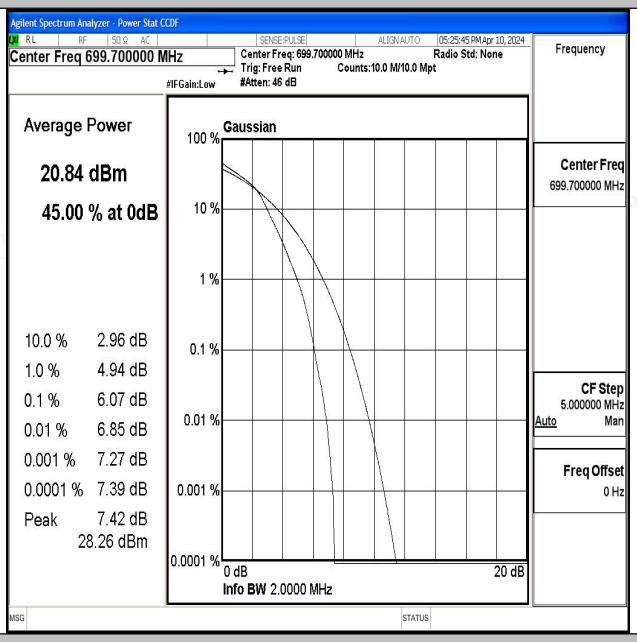
Band12-1.4MHz-QPSK-23017-1RB#0-PASS



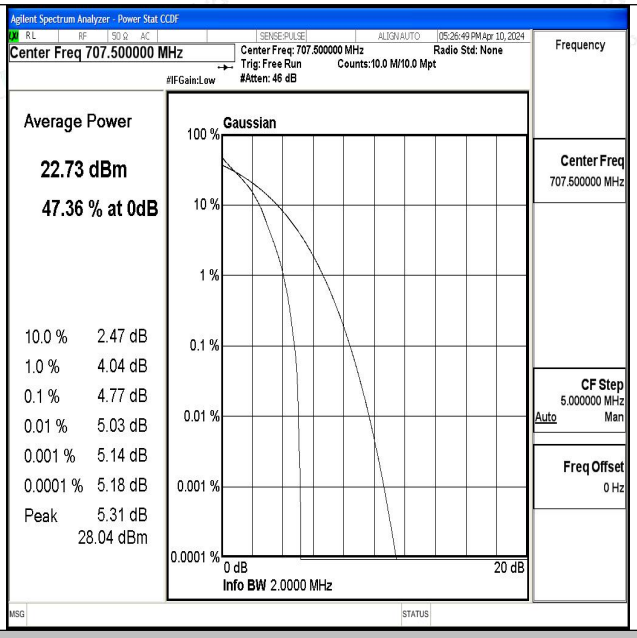
Band12-1.4MHz-16QAM-23017-1RB#0-PASS



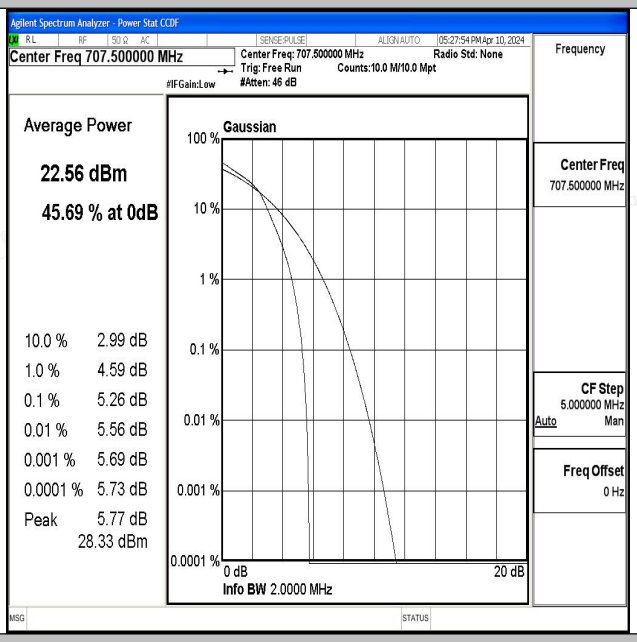
Band12-1.4MHz-QPSK-23017-6RB#0-PASS



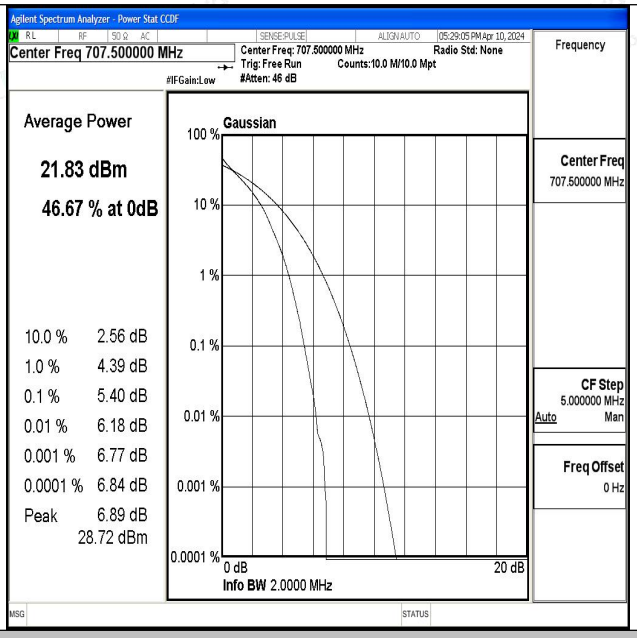
Band12-1.4MHz-16QAM-23017-6RB#0-PASS



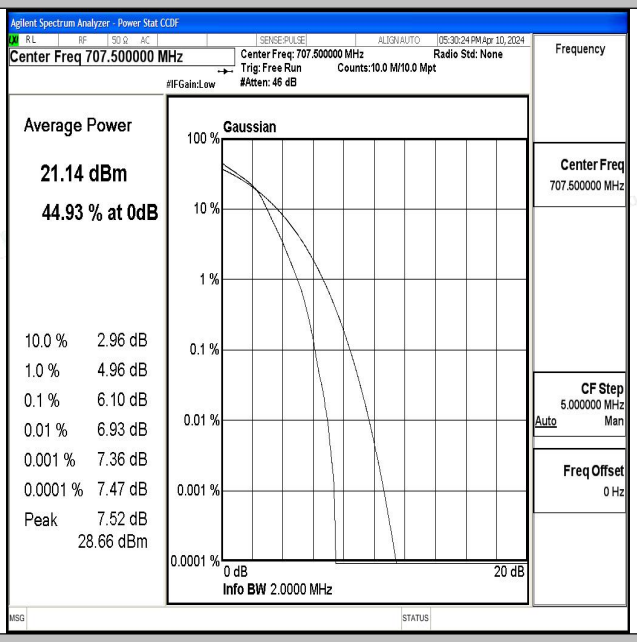
Band12-1.4MHz-QPSK-23095-1RB#0-PASS



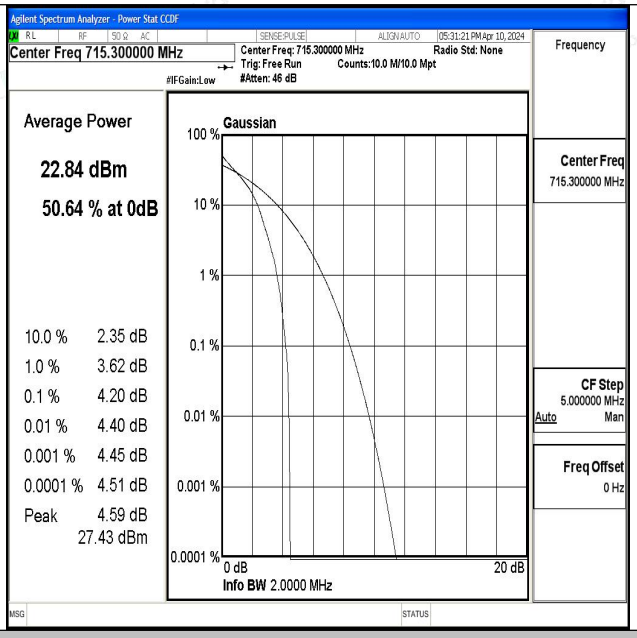
Band12-1.4MHz-16QAM-23095-1RB#0-PASS



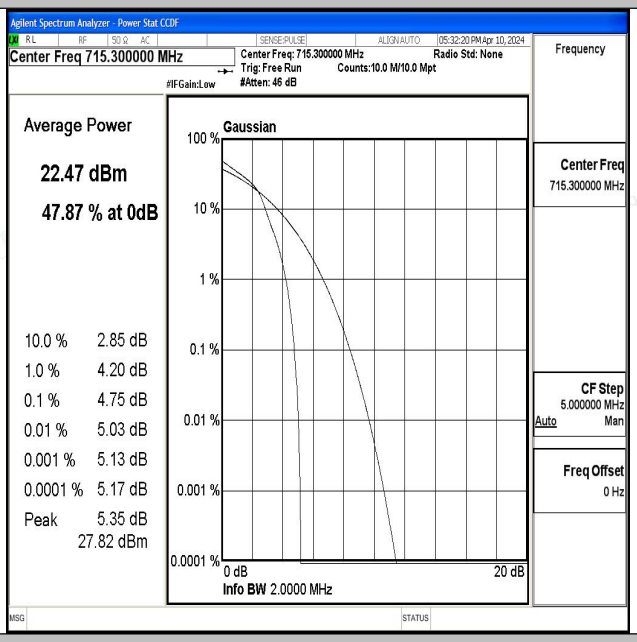
Band12-1.4MHz-QPSK-23095-6RB#0-PASS



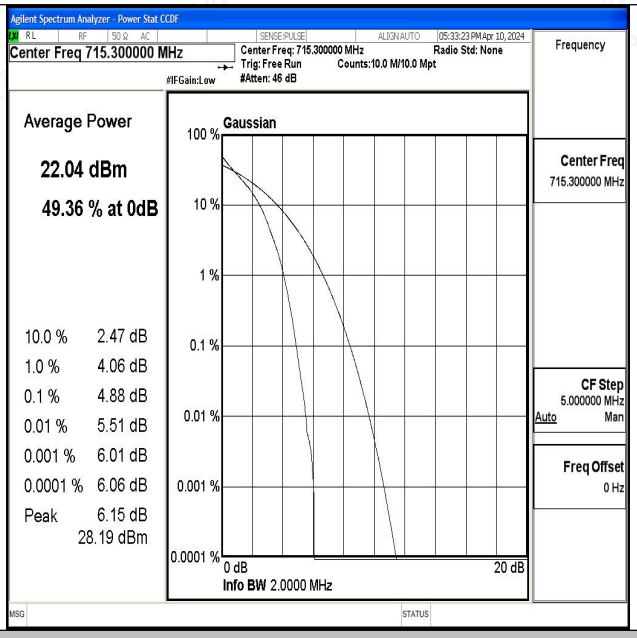
Band12-1.4MHz-16QAM-23095-6RB#0-PASS



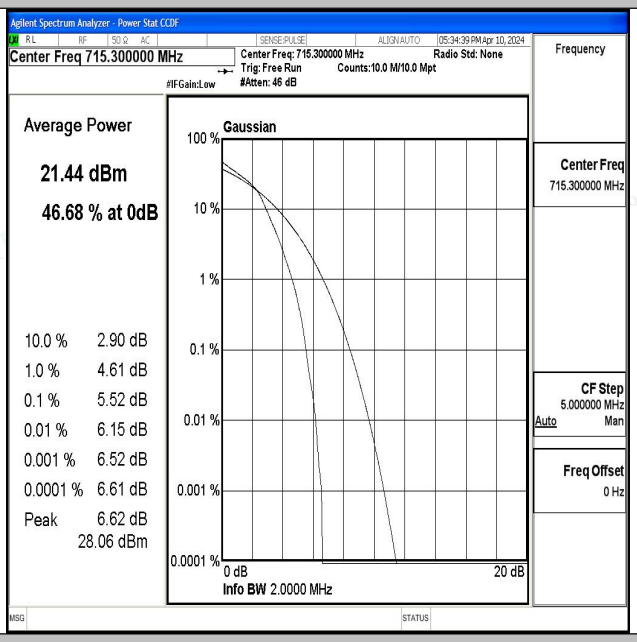
Band12-1.4MHz-QPSK-23173-1RB#0-PASS



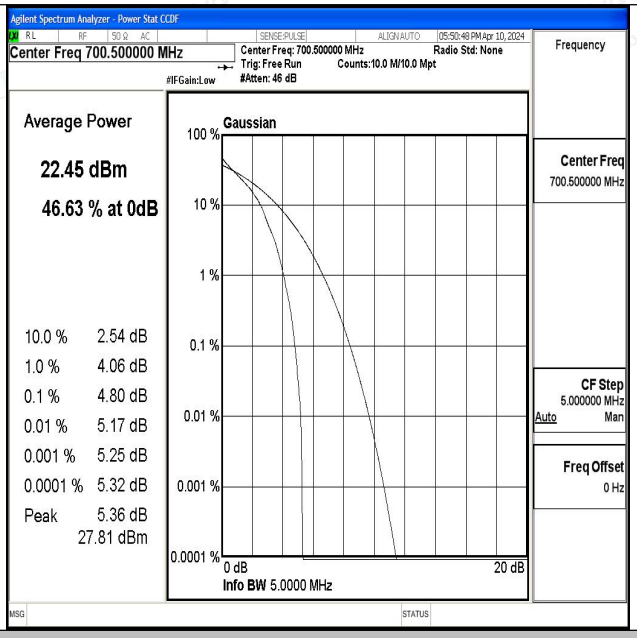
Band12-1.4MHz-16QAM-23173-1RB#0-PASS



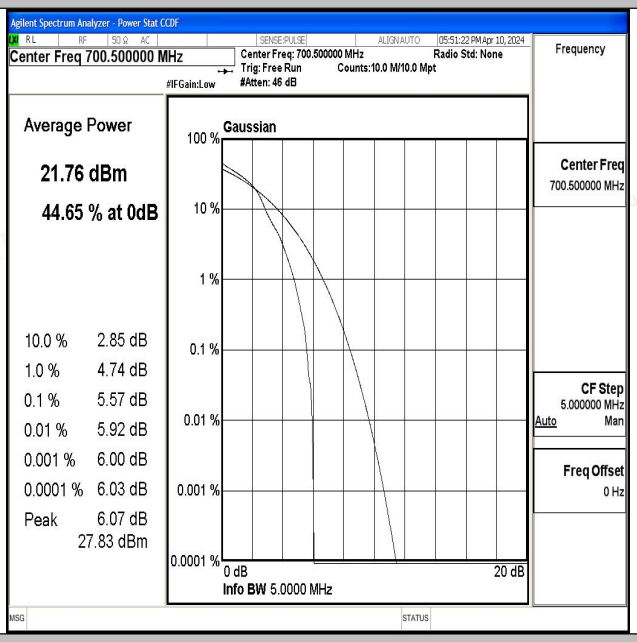
Band12-1.4MHz-QPSK-23173-6RB#0-PASS



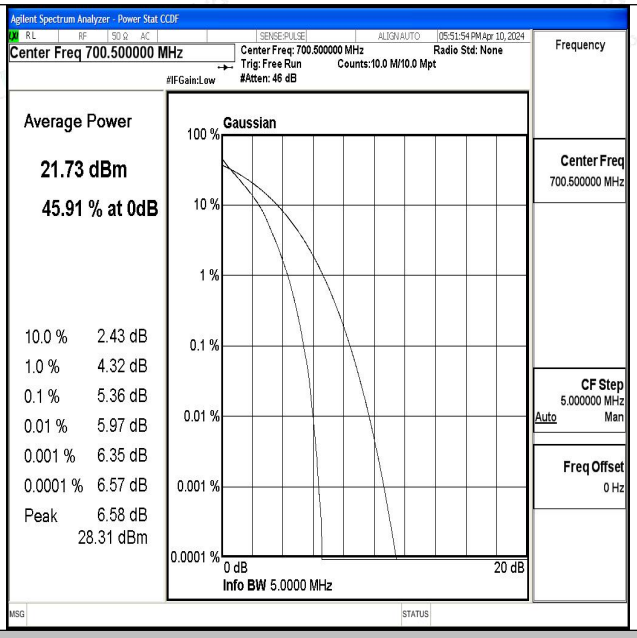
Band12-1.4MHz-16QAM-23173-6RB#0-PASS



Band12-3MHz-QPSK-23025-1RB#0-PASS



Band12-3MHz-16QAM-23025-1RB#0-PASS



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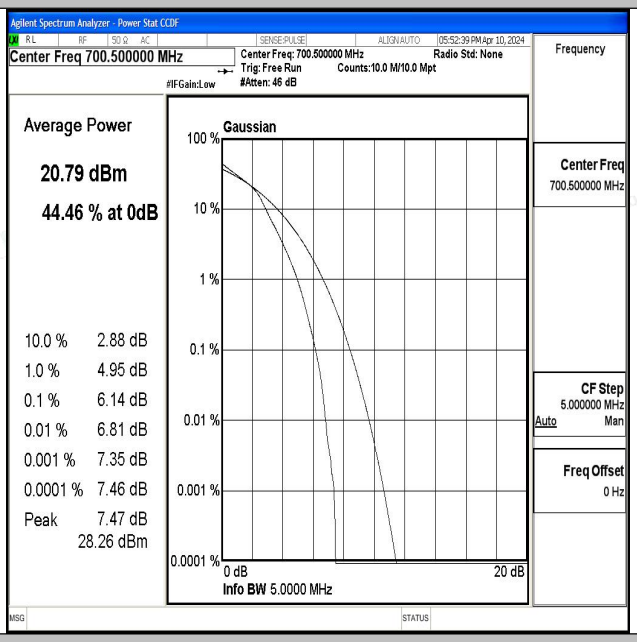

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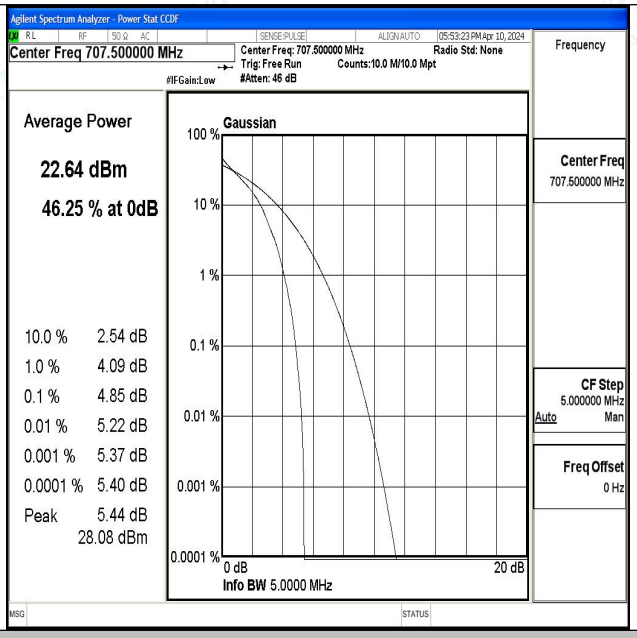

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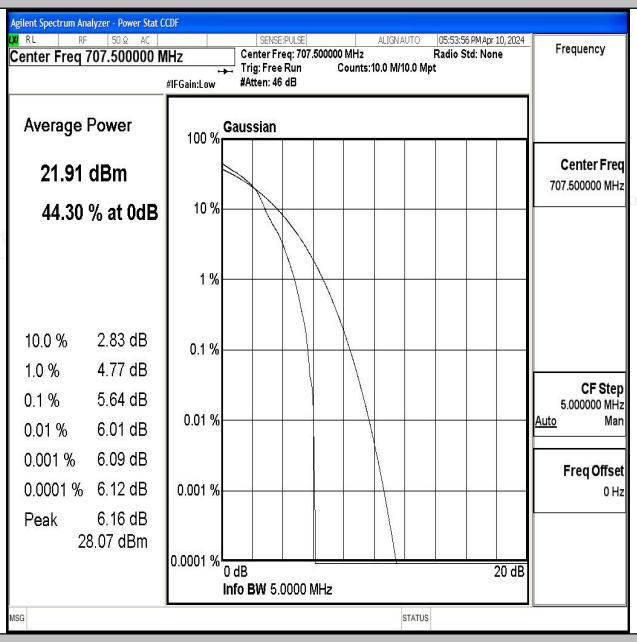

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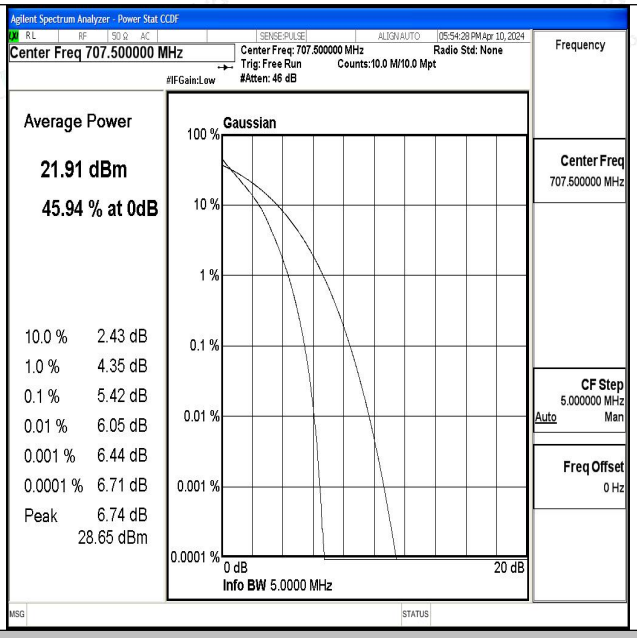

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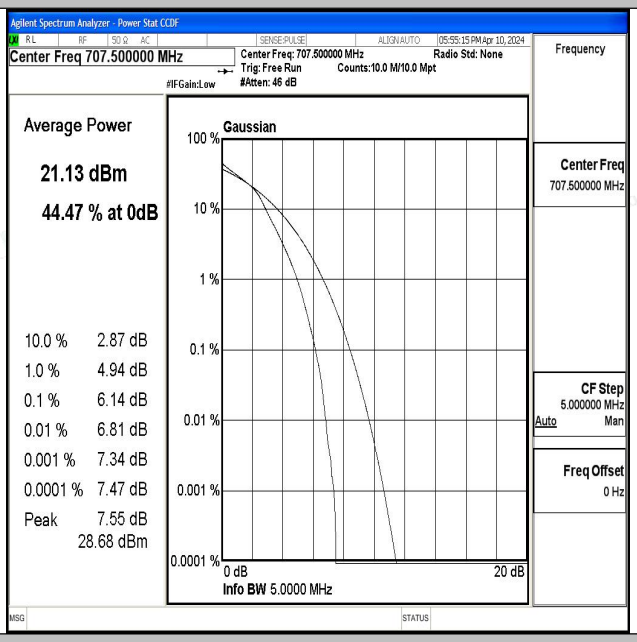

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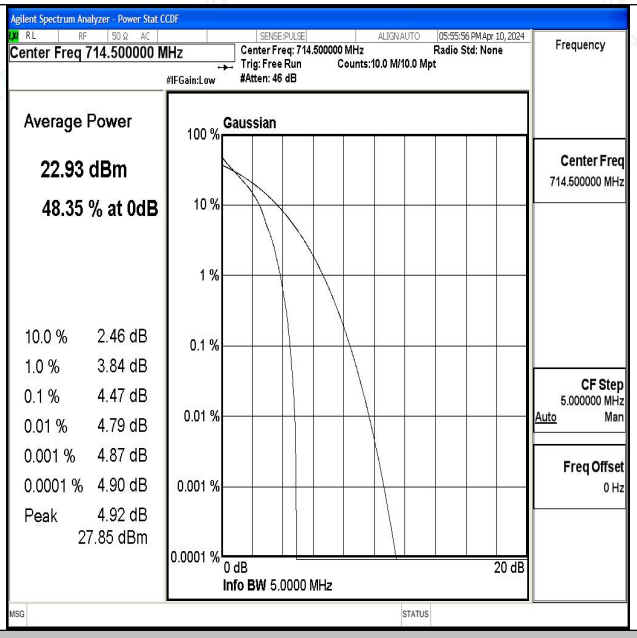

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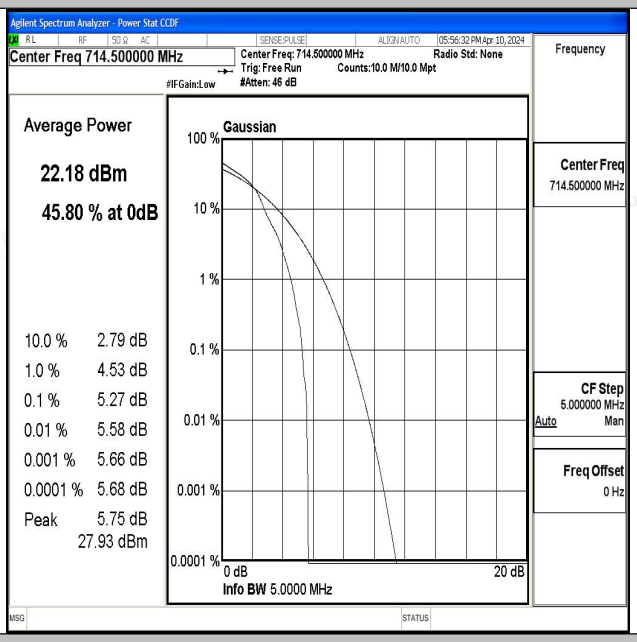

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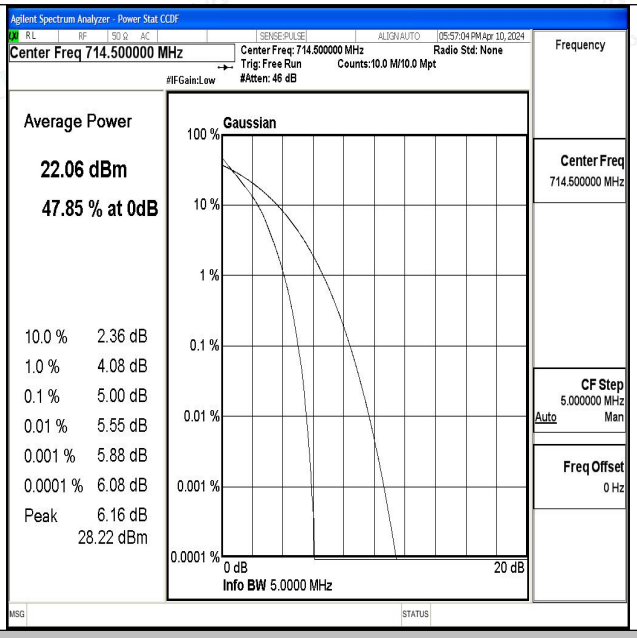

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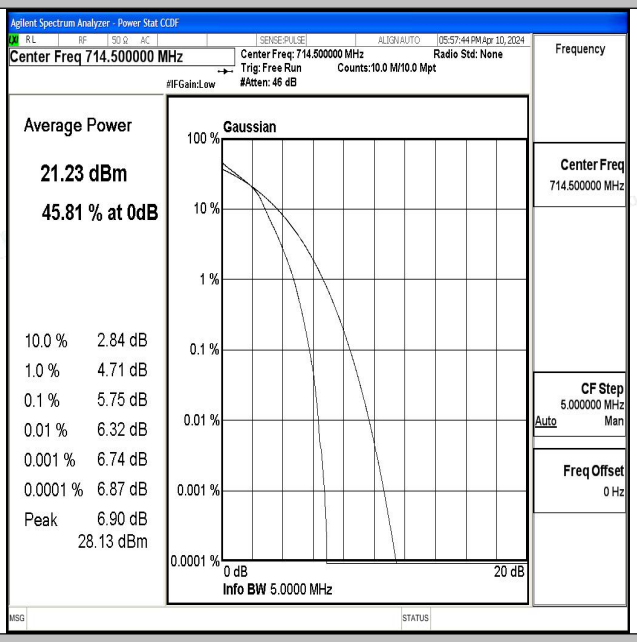

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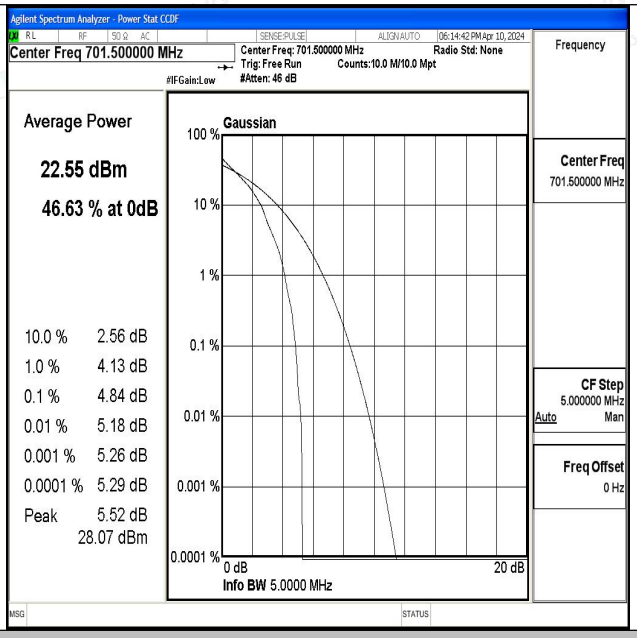

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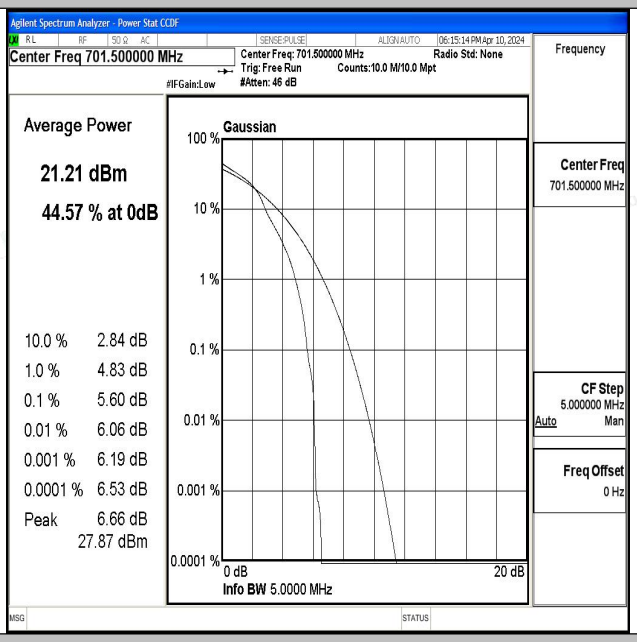

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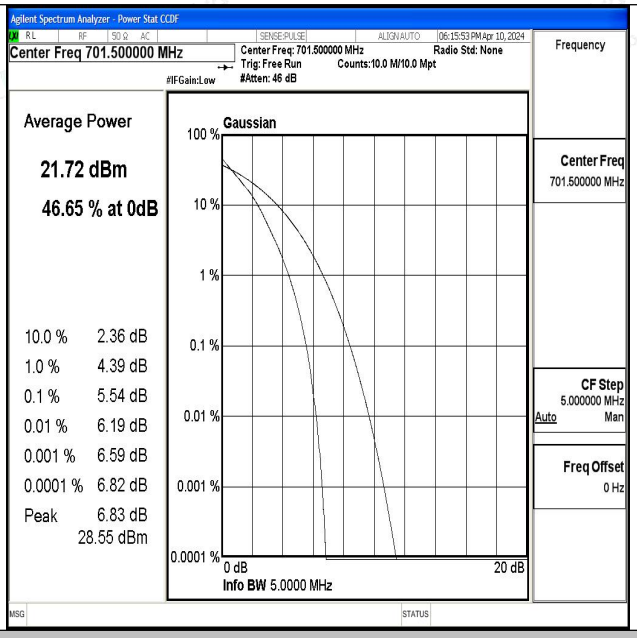

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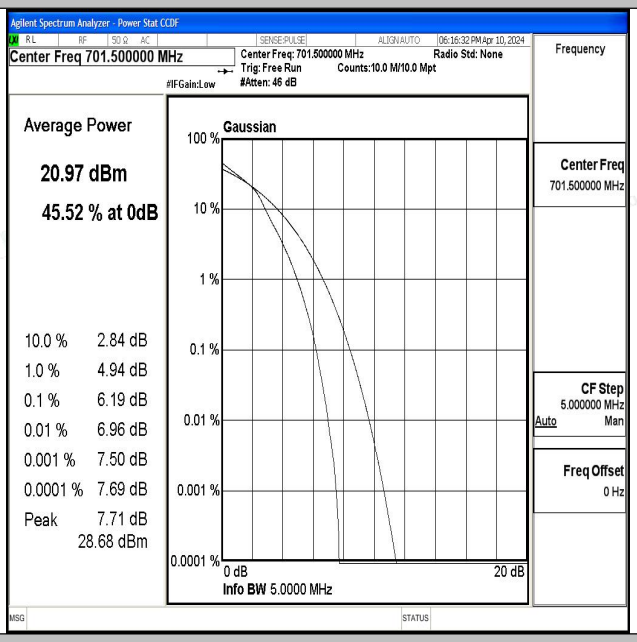

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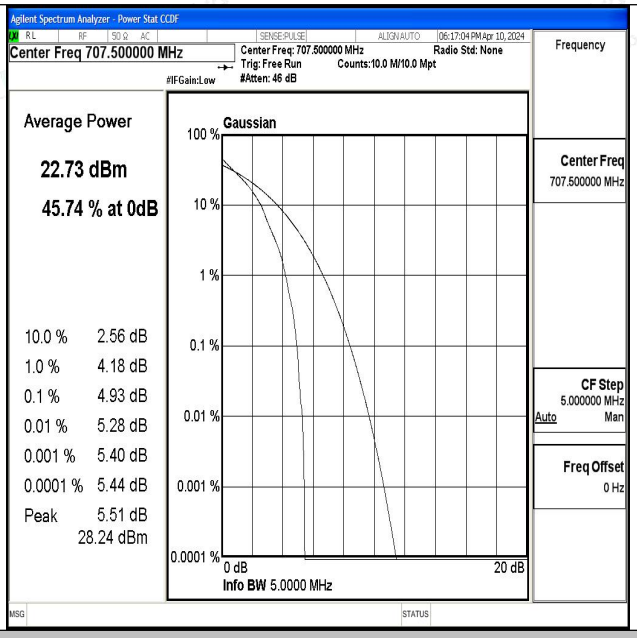

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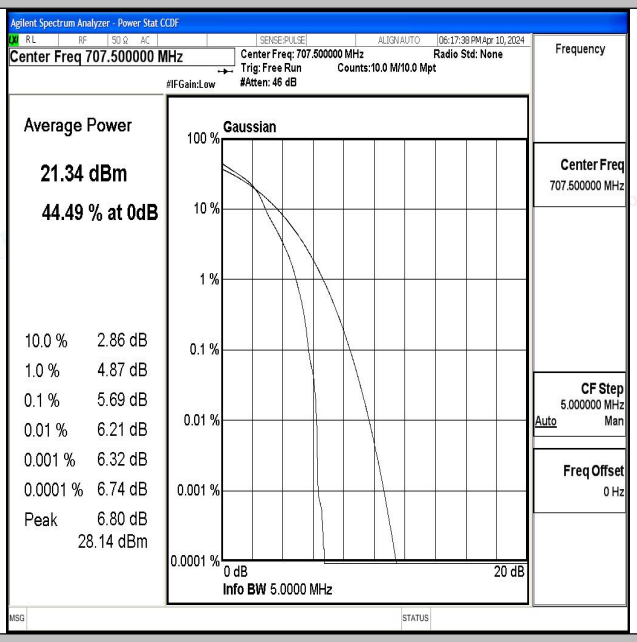
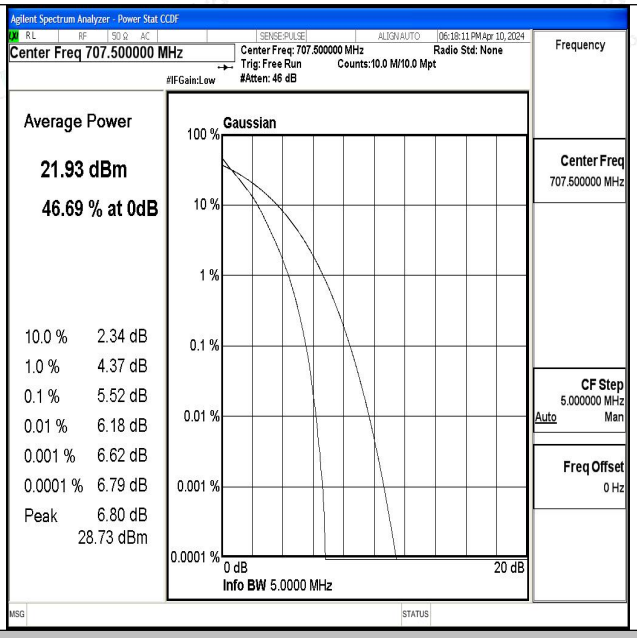


Band12-5MHz-16QAM-23095-1RB#0-PASS



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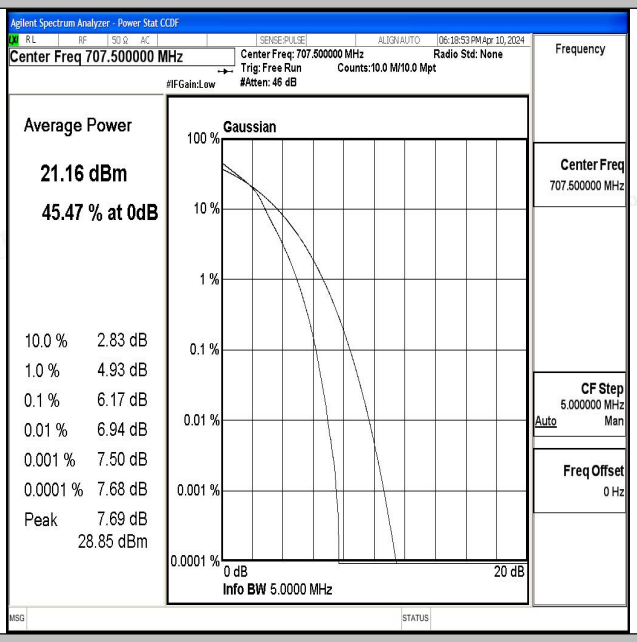

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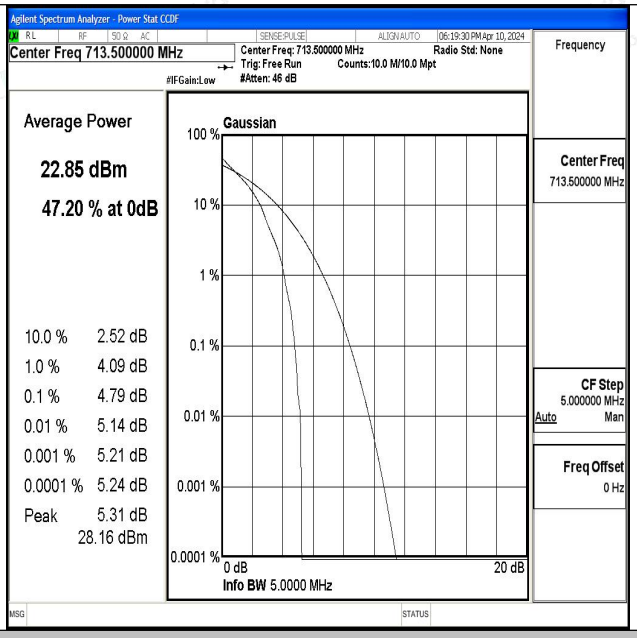

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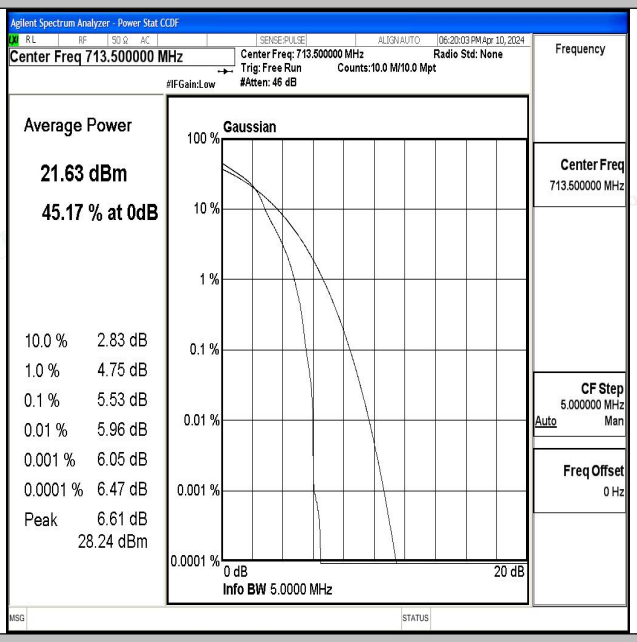

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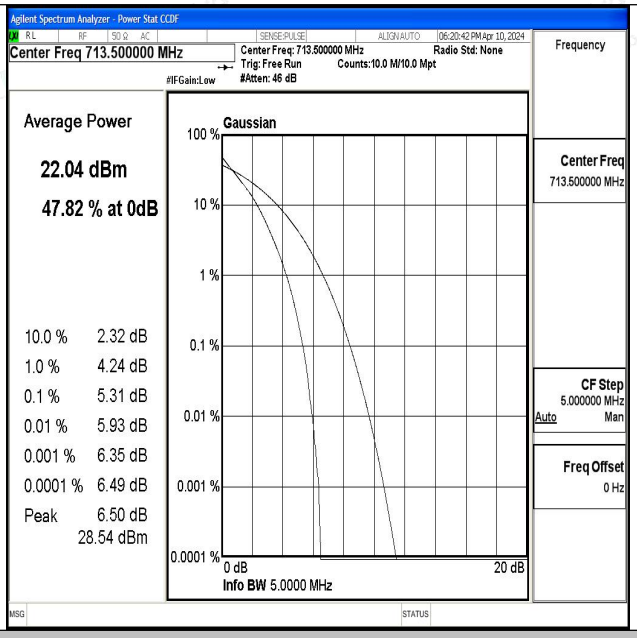

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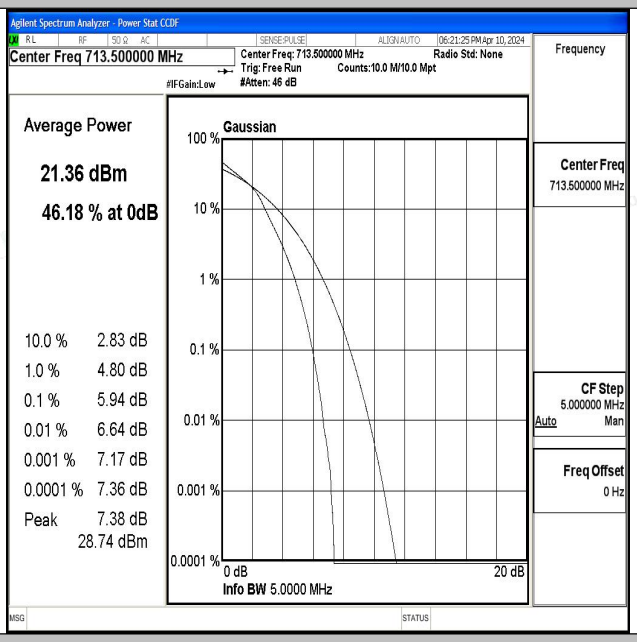

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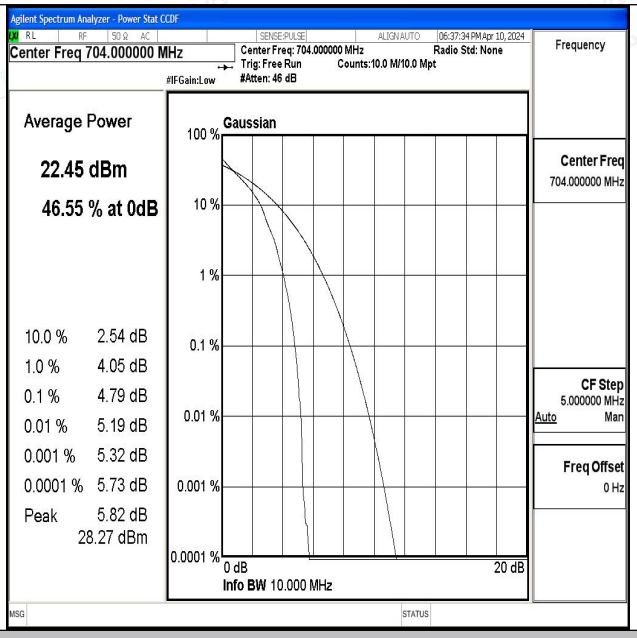
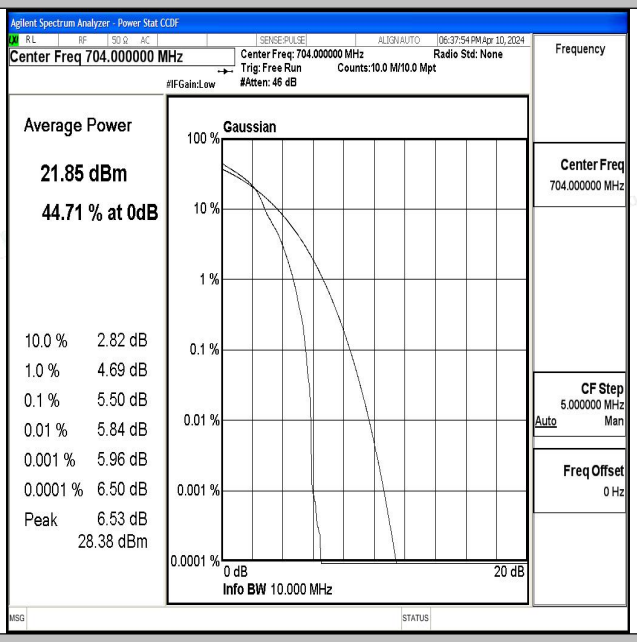


Band12-10MHz-QPSK-23060-1RB#0-PASS



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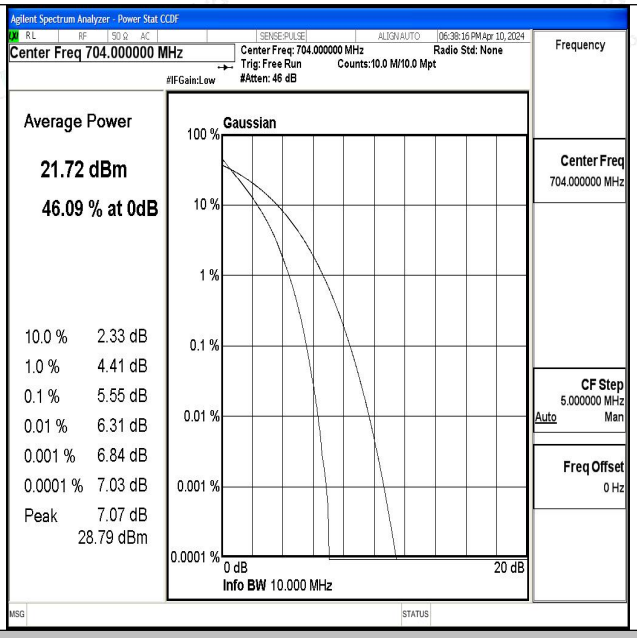

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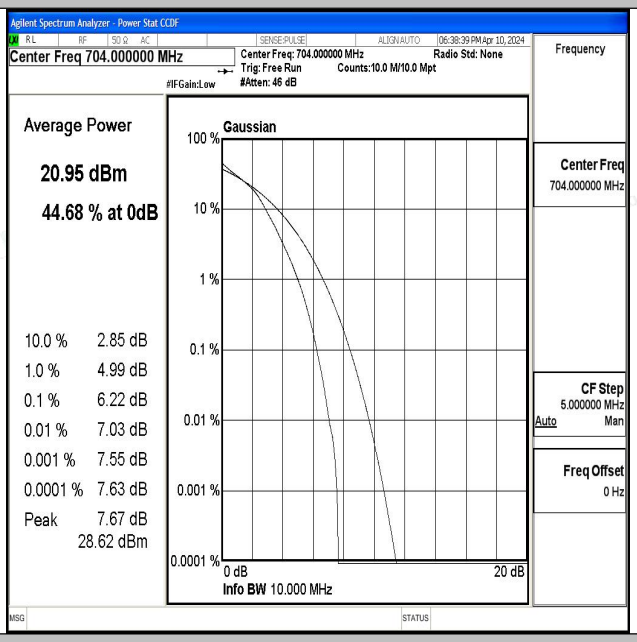

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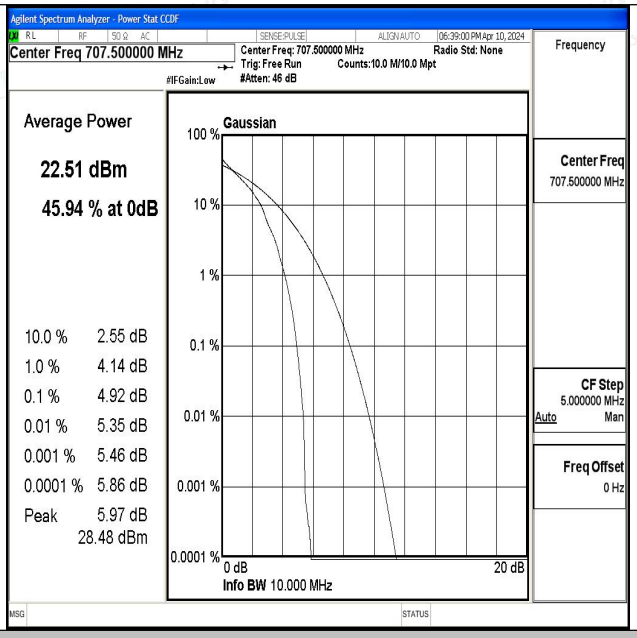

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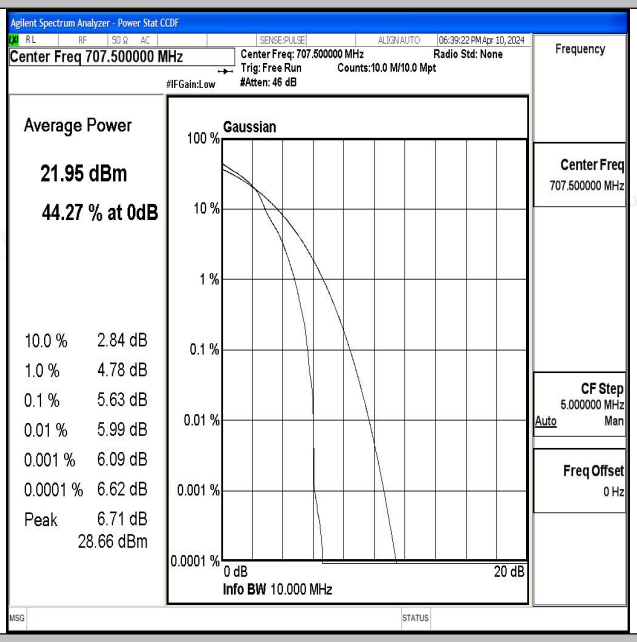

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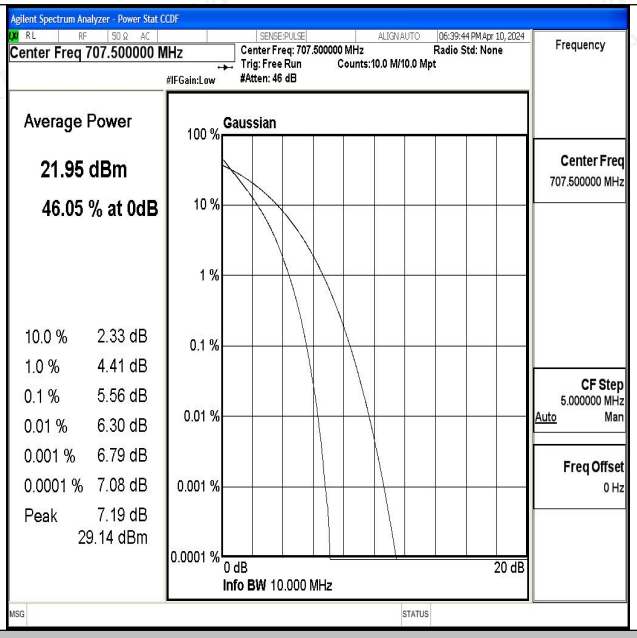

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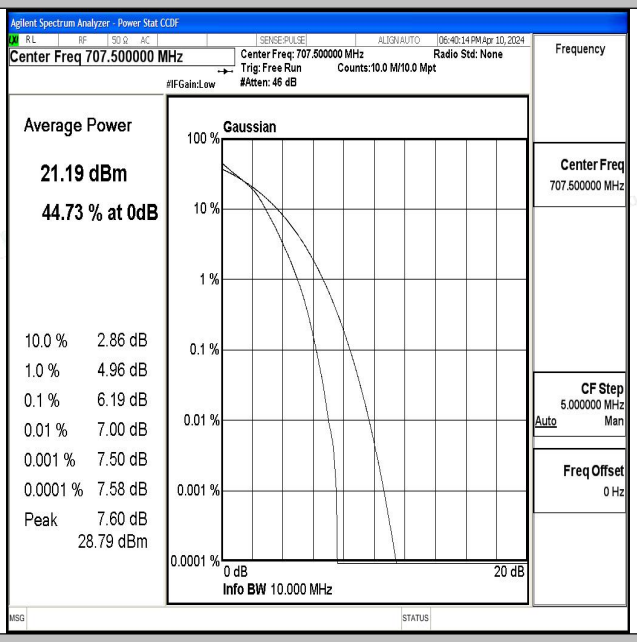

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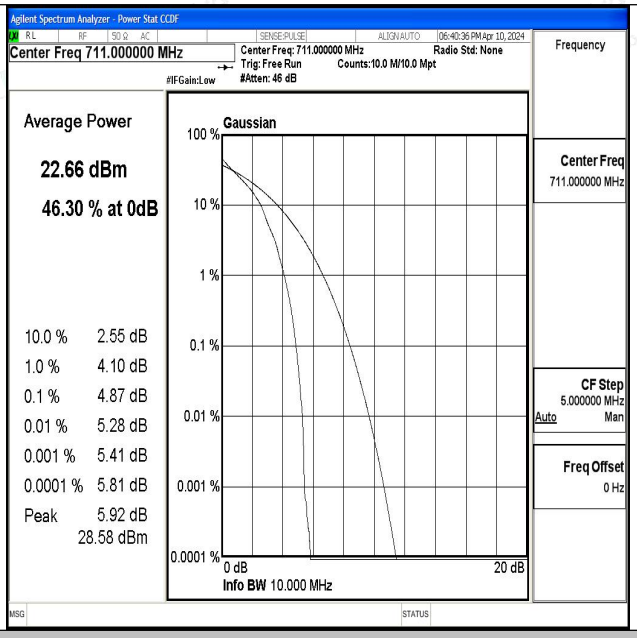
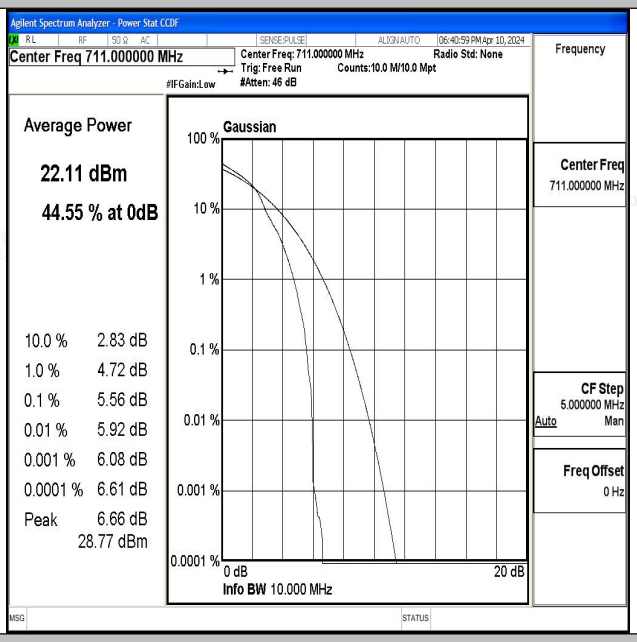


Band12-10MHz-QPSK-23130-1RB#0-PASS



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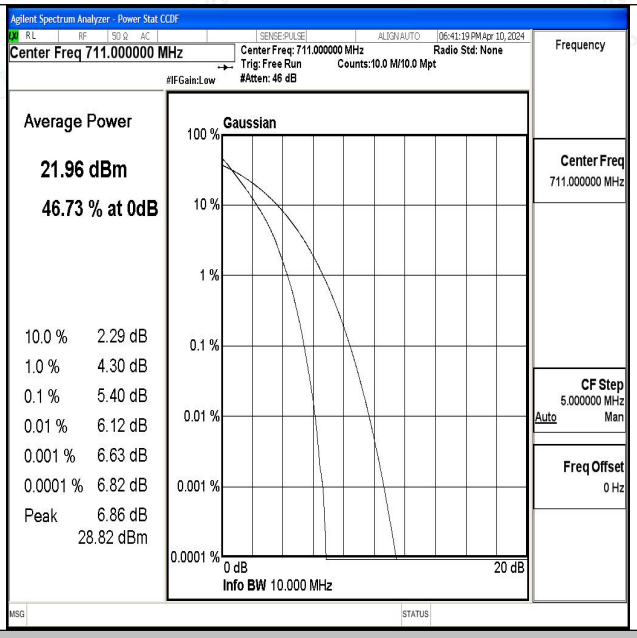

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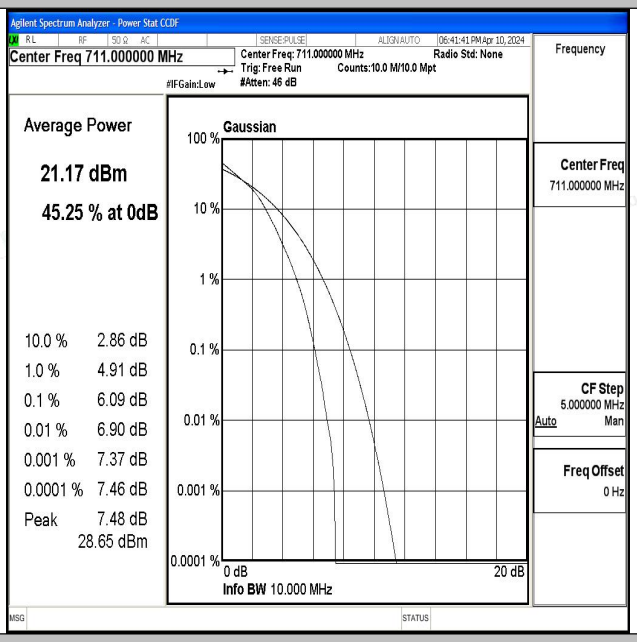

Band12-10MHz-16QAM-23130-50RB#0-PASS