Appendix J: Test Data for E-UTRA Band 12

Product Name: TABLET PC

Test Model: TEO10M4BK64

Environmental Conditions

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

J.1 Conducted Output Power DataTest Result

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.56	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	23.10	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.47	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	23.12	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.59	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.91	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.62	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	23.61	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.60	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	23.69	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.65	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	23.64	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.82	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	22.06	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.63	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	23.28	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.74	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	23.32	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.69	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	23.37	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.68	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	23.67	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.67	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	23.69	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.67	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	23.68	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.82	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	22.07	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.94	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	22.68	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.93	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	22.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	24.07	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	22.77	PASS

Band12	1.4MHz	QPSK	23173	3RB#0	24.11	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	24.10	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	24.10	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	24.10	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	24.12	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	24.17	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	23.22	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	22.56	PASS
Band12	3MHz	QPSK	23025	1RB#0	23.43	PASS
Band12	3MHz	16QAM	23025	1RB#0	22.31	PASS
Band12	3MHz	QPSK	23025	1RB#8	23.37	PASS
Band12	3MHz	16QAM	23025	1RB#8	22.32	PASS
Band12	3MHz	QPSK	23025	1RB#14	23.39	PASS
Band12	3MHz	16QAM	23025	1RB#14	22.35	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.50	PASS
Band12	3MHz	16QAM	23025	8RB#0	22.50	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.49	PASS
Band12	3MHz	16QAM	23025	8RB#4	22.49	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.49	PASS
Band12	3MHz	16QAM	23025	8RB#7	22.48	PASS
Band12	3MHz	QPSK	23025	15RB#0	22.48	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.63	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.60	PASS
Band12	3MHz	16QAM	23095	1RB#0	22.37	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.71	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.44	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.87	PASS
Band12	3MHz	QPSK	23095	8RB#0	22.72	PASS
Band12	3MHz	16QAM	23095	8RB#0	22.72	PASS
Band12	3MHz	QPSK	23095	8RB#4	22.72	PASS
Band12	3MHz	16QAM	23095	8RB#4	22.72	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.72	PASS
Band12	3MHz	16QAM	23095	8RB#7	22.72	PASS
Band12	3MHz	QPSK	23095	15RB#0	22.71	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	23.99	PASS
Band12	3MHz	16QAM	23165	1RB#0	23.45	PASS
Band12	3MHz	QPSK	23165	1RB#8	23.99	PASS

Band12	3MHz	16QAM	23165	1RB#8	23.43	PASS
Band12	3MHz	QPSK	23165	1RB#14	24.04	PASS
Band12	3MHz	16QAM	23165	1RB#14	23.82	PASS
Band12	3MHz	QPSK	23165	8RB#0	23.11	PASS
Band12	3MHz	16QAM	23165	8RB#0	23.11	PASS
Band12	3MHz	QPSK	23165	8RB#4	23.11	PASS
Band12	3MHz	16QAM	23165	8RB#4	23.11	PASS
Band12	3MHz	QPSK	23165	8RB#7	23.11	PASS
Band12	3MHz	16QAM	23165	8RB#7	23.12	PASS
Band12	3MHz	QPSK	23165	15RB#0	23.11	PASS
Band12	3MHz	16QAM	23165	15RB#0	22.41	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.50	PASS
Band12	5MHz	16QAM	23035	1RB#0	22.02	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.56	PASS
Band12	5MHz	16QAM	23035	1RB#12	22.04	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.45	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.96	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.49	PASS
Band12	5MHz	16QAM	23035	12RB#0	22.47	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.63	PASS
Band12	5MHz	16QAM	23035	12RB#6	22.63	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.49	PASS
Band12	5MHz	16QAM	23035	12RB#13	22.50	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.45	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.81	PASS
Band12	5MHz	QPSK	23095	1RB#0	23.44	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.89	PASS
Band12	5MHz	QPSK	23095	1RB#12	23.55	PASS
Band12	5MHz	16QAM	23095	1RB#12	23.00	PASS
Band12	5MHz	QPSK	23095	1RB#24	23.55	PASS
Band12	5MHz	16QAM	23095	1RB#24	23.19	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.62	PASS
Band12	5MHz	16QAM	23095	12RB#0	22.62	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.57	PASS
Band12	5MHz	16QAM	23095	12RB#6	22.57	PASS
Band12	5MHz	QPSK	23095	12RB#13	22.78	PASS
Band12	5MHz	16QAM	23095	12RB#13	22.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.80	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.65	PASS

Band12	5MHz	QPSK	23155	1RB#0	23.75	PASS
Band12	5MHz	16QAM	23155	1RB#0	22.76	PASS
Band12	5MHz	QPSK	23155	1RB#12	23.82	PASS
Band12	5MHz	16QAM	23155	1RB#12	22.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	23.94	PASS
Band12	5MHz	16QAM	23155	1RB#24	22.84	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.99	PASS
Band12	5MHz	16QAM	23155	12RB#0	23.05	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.87	PASS
Band12	5MHz	16QAM	23155	12RB#6	23.05	PASS
Band12	5MHz	QPSK	23155	12RB#13	23.11	PASS
Band12	5MHz	16QAM	23155	12RB#13	23.12	PASS
Band12	5MHz	QPSK	23155	25RB#0	23.09	PASS
Band12	5MHz	16QAM	23155	25RB#0	22.16	PASS
Band12	10MHz	QPSK	23060	1RB#0	23.40	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	23.38	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.73	PASS
Band12	10MHz	QPSK	23060	1RB#49	23.52	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.87	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.45	PASS
Band12	10MHz	16QAM	23060	25RB#0	22.45	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.60	PASS
Band12	10MHz	16QAM	23060	25RB#12	22.60	PASS
Band12	10MHz	QPSK	23060	25RB#25	22.62	PASS
Band12	10MHz	16QAM	23060	25RB#25	22.55	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.63	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.82	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.63	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.50	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.79	PASS
Band12	10MHz	16QAM	23095	1RB#24	22.66	PASS
Band12	10MHz	QPSK	23095	1RB#49	24.03	PASS
Band12	10MHz	16QAM	23095	1RB#49	22.90	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.59	PASS
Band12	10MHz	16QAM	23095	25RB#0	22.64	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.64	PASS
Band12	10MHz	16QAM	23095	25RB#12	22.64	PASS
Band12	10MHz	QPSK	23095	25RB#25	22.78	PASS

Band12	10MHz	16QAM	23095	25RB#25	22.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.80	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.87	PASS
Band12	10MHz	QPSK	23130	1RB#0	23.42	PASS
Band12	10MHz	16QAM	23130	1RB#0	23.37	PASS
Band12	10MHz	QPSK	23130	1RB#24	23.68	PASS
Band12	10MHz	16QAM	23130	1RB#24	23.57	PASS
Band12	10MHz	QPSK	23130	1RB#49	23.83	PASS
Band12	10MHz	16QAM	23130	1RB#49	23.73	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.76	PASS
Band12	10MHz	16QAM	23130	25RB#0	22.75	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.75	PASS
Band12	10MHz	16QAM	23130	25RB#12	22.75	PASS
Band12	10MHz	QPSK	23130	25RB#25	23.02	PASS
Band12	10MHz	16QAM	23130	25RB#25	23.03	PASS
Band12	10MHz	QPSK	23130	50RB#0	22.82	PASS
Band12	10MHz	16QAM	23130	50RB#0	22.10	PASS

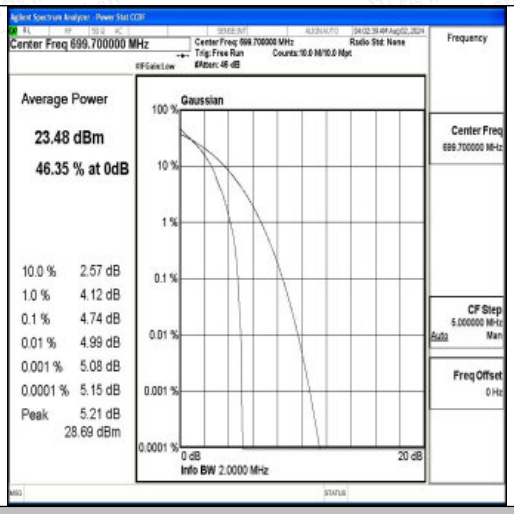
J.2 Peak-to-Average Ratio(CCDF)

Test Result

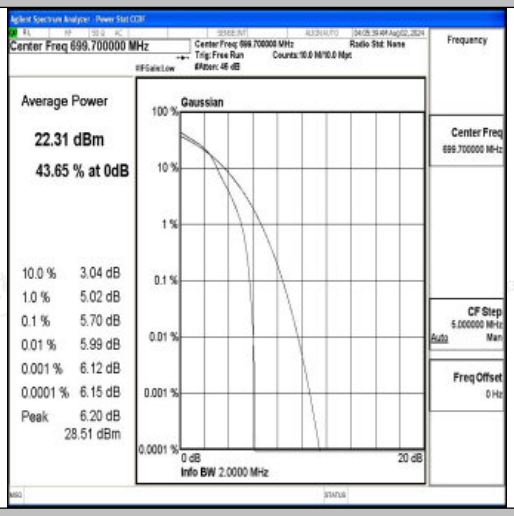
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	4.74	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.70	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.50	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.17	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.77	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	6.92	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.42	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.15	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	4.00	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	4.99	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.67	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.36	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	5.02	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	5.69	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.54	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.35	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.83	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.65	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.48	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.26	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	4.45	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.29	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.92	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.70	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	4.94	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.65	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.69	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.37	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.88	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.73	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.57	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.25	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	4.94	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	5.74	13	PASS

Band12	5MHz	QPSK	23155	25RB#0	5.25	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.98	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	4.97	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	5.38	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.55	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.32	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	5.00	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.81	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.67	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.35	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.69	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.65	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.43	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.21	13	PASS

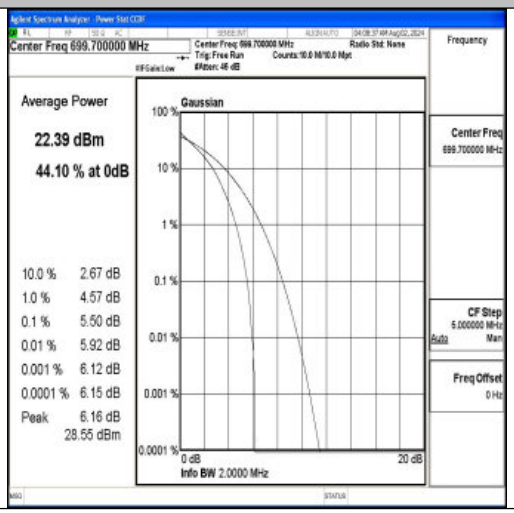
Test Graphs



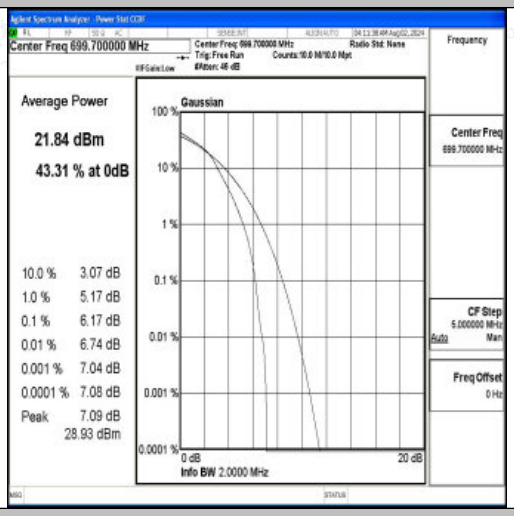
Band12-1.4MHz-QPSK-23017-1RB#0-PASS



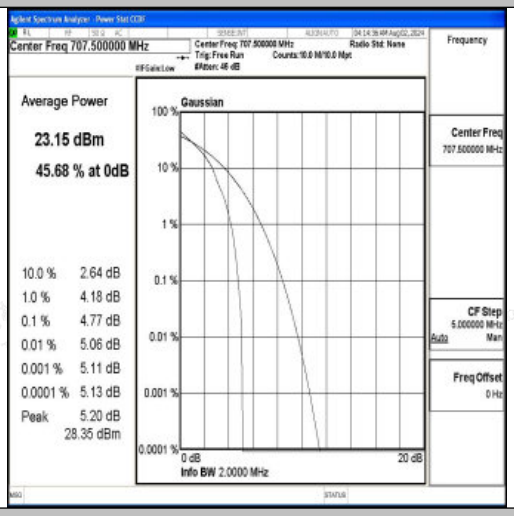
Band12-1.4MHz-16QAM-23017-1RB#0-PASS



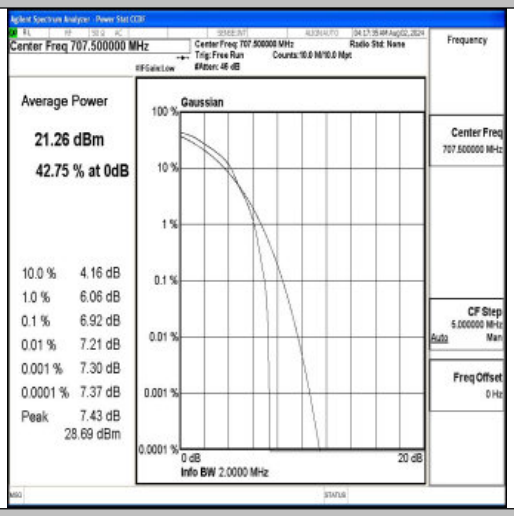
Band12-1.4MHz-QPSK-23017-6RB#0-PASS



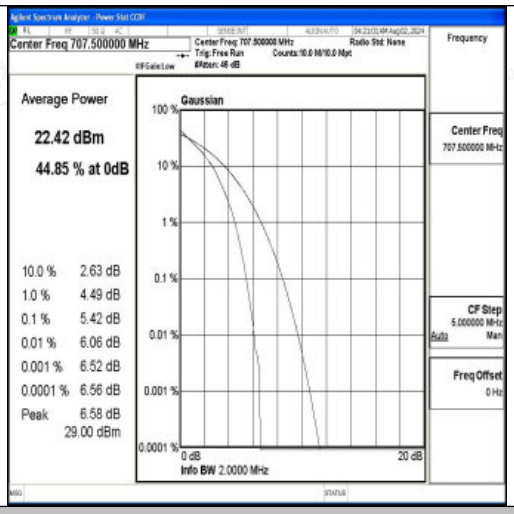
Band12-1.4MHz-16QAM-23017-6RB#0-PASS



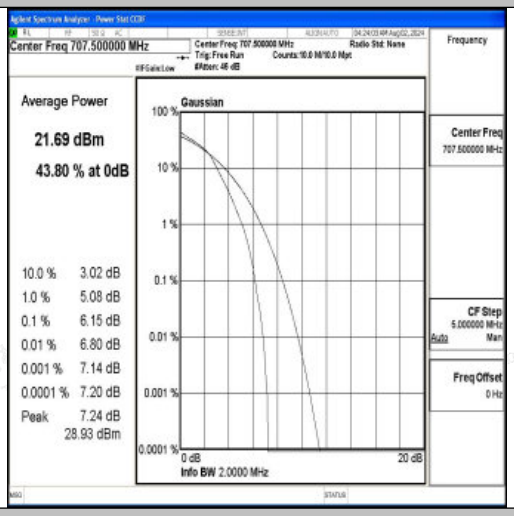
Band12-1.4MHz-QPSK-23095-1RB#0-PASS



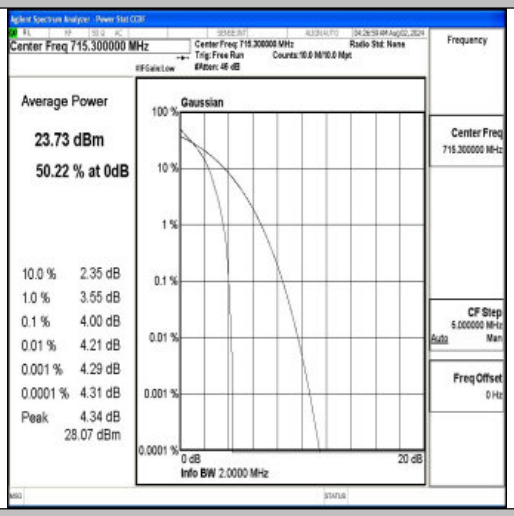
Band12-1.4MHz-16QAM-23095-1RB#0-PASS



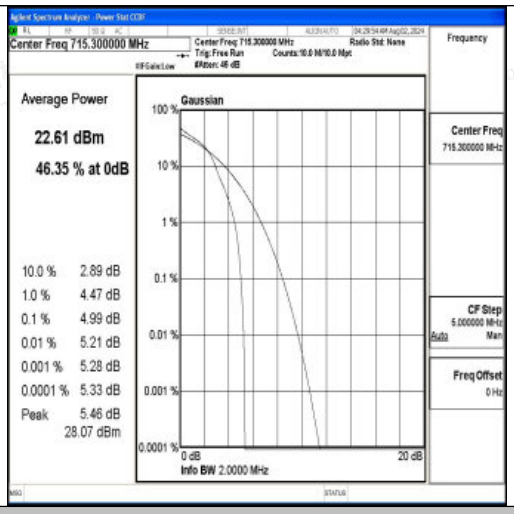
Band12-1.4MHz-QPSK-23095-6RB#0-PASS



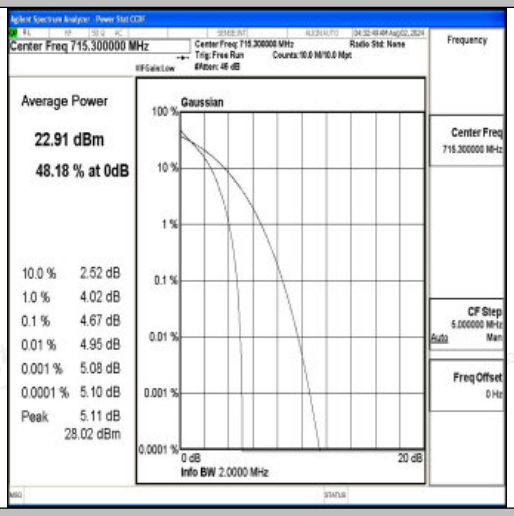
Band12-1.4MHz-16QAM-23095-6RB#0-PASS



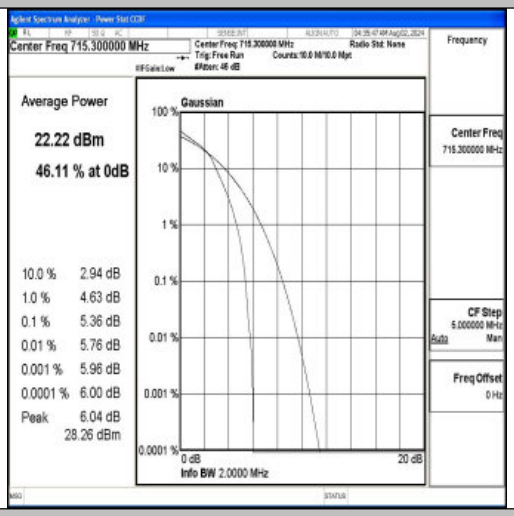
Band12-1.4MHz-QPSK-23173-1RB#0-PASS



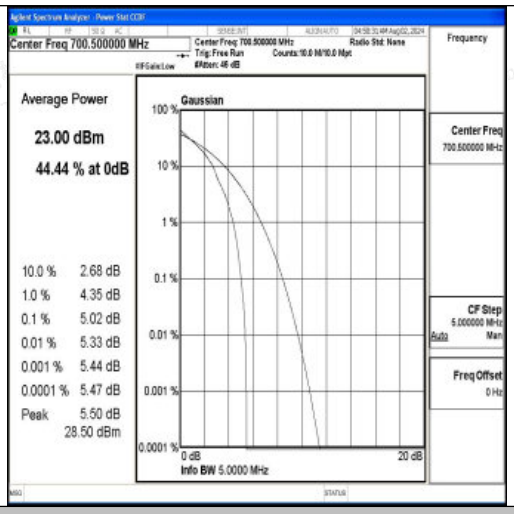
Band12-1.4MHz-16QAM-23173-1RB#0-PASS



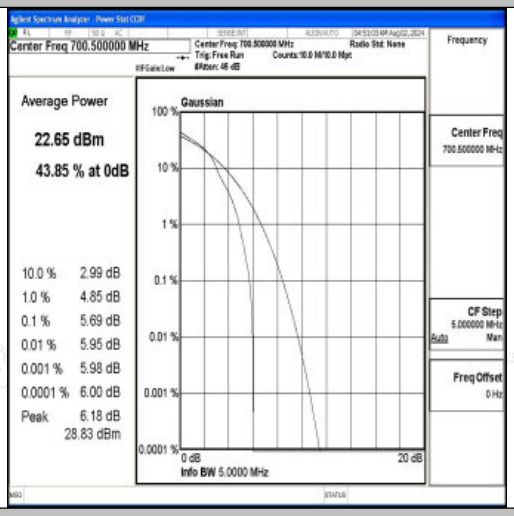
Band12-1.4MHz-QPSK-23173-6RB#0-PASS



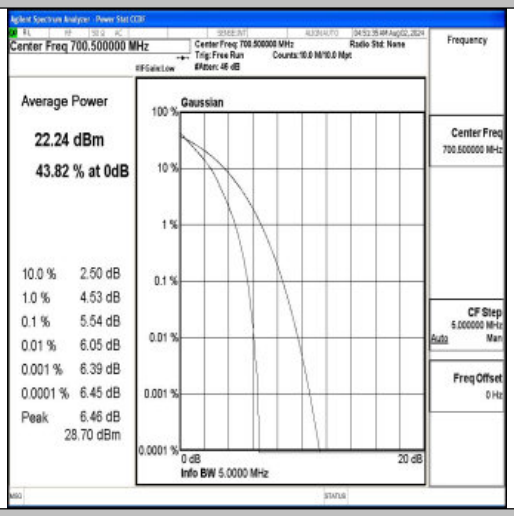
Band12-1.4MHz-16QAM-23173-6RB#0-PASS



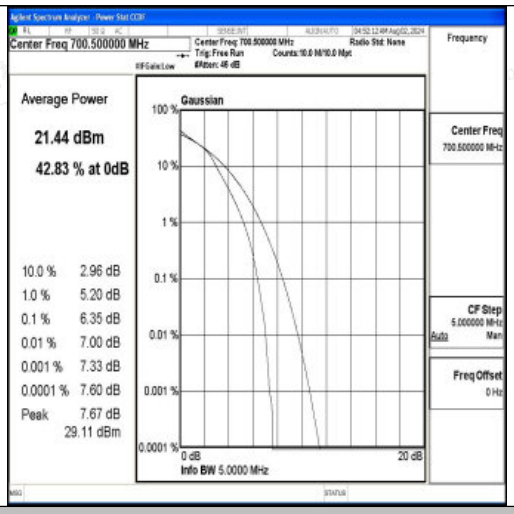
Band12-3MHz-QPSK-23025-1RB#0-PASS



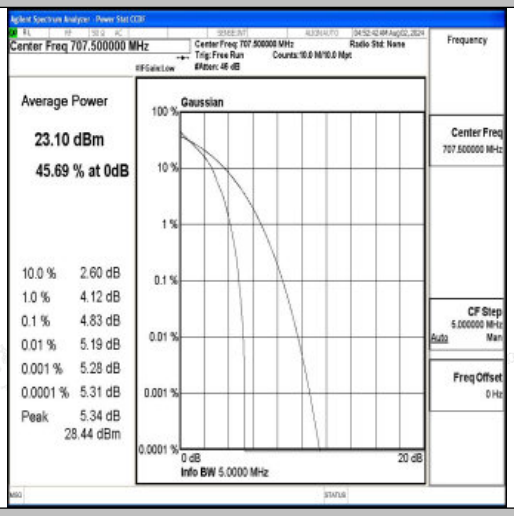
Band12-3MHz-16QAM-23025-1RB#0-PASS



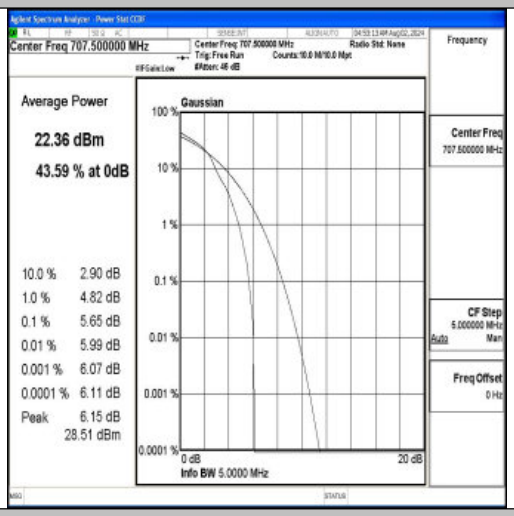
Band12-3MHz-QPSK-23025-15RB#0-PASS



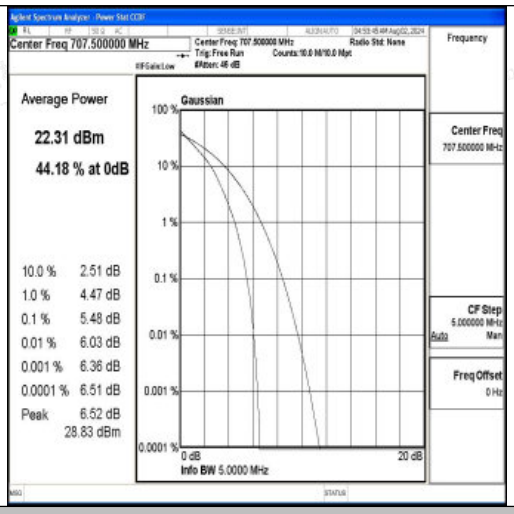
Band12-3MHz-16QAM-23025-15RB#0-PASS



Band12-3MHz-QPSK-23095-1RB#0-PASS



Band12-3MHz-16QAM-23095-1RB#0-PASS



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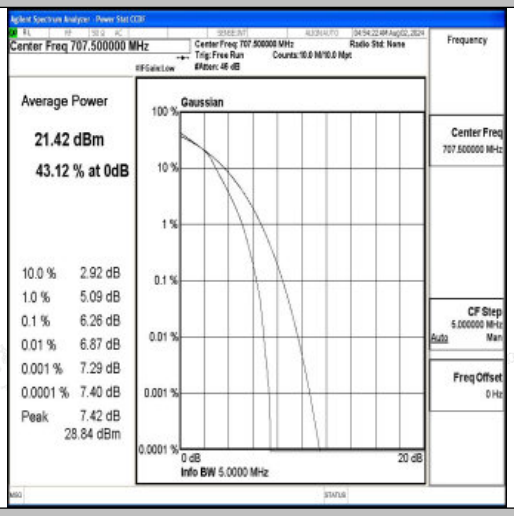
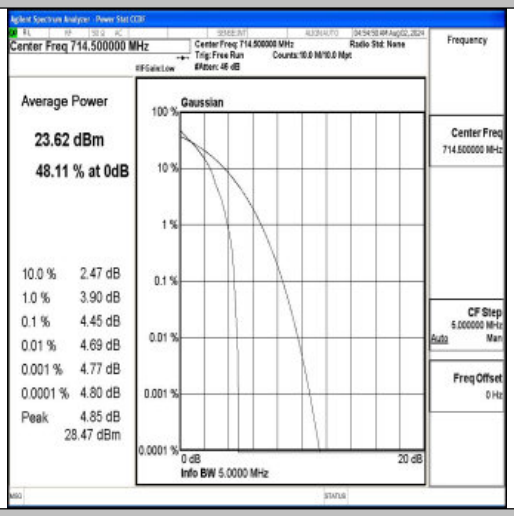
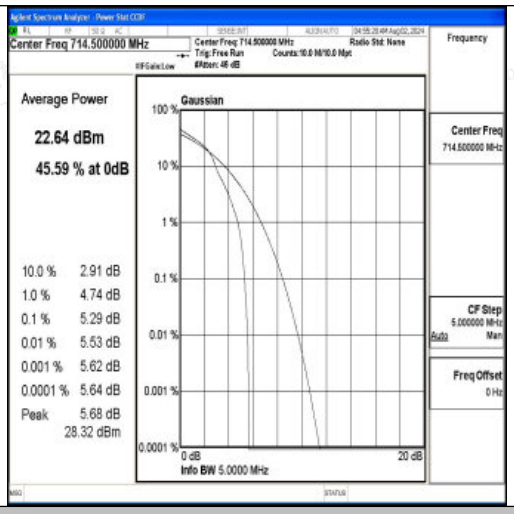


Band12-3MHz-16QAM-23095-15RB#0-PASS



Band12-3MHz-QPSK-23165-1RB#0-PASS



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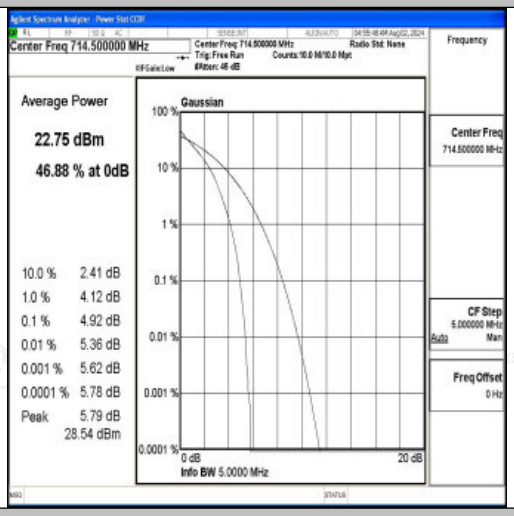

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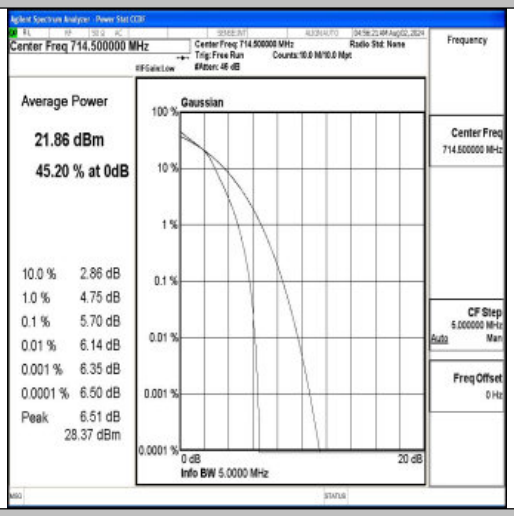

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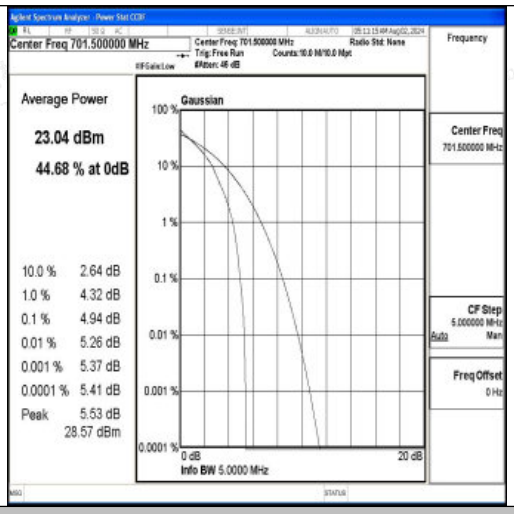

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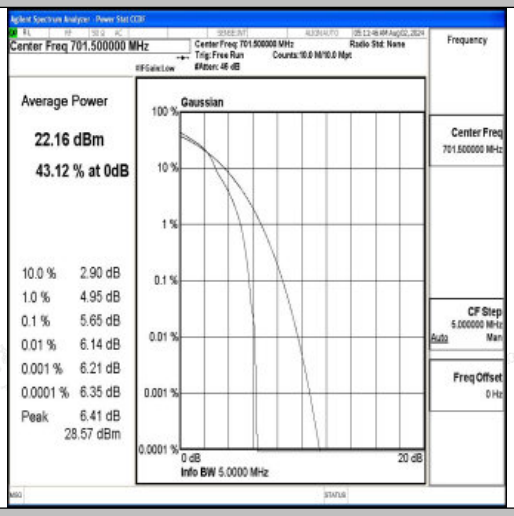

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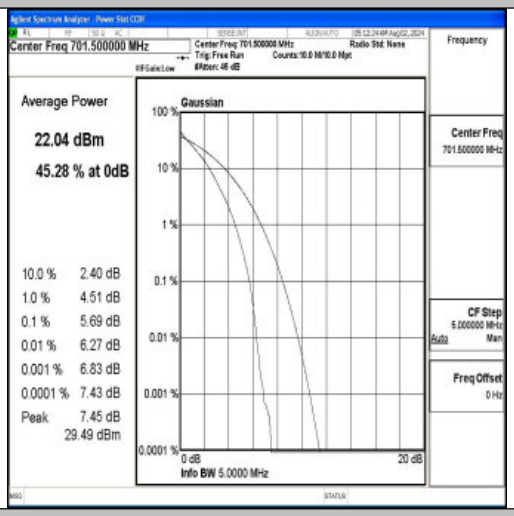

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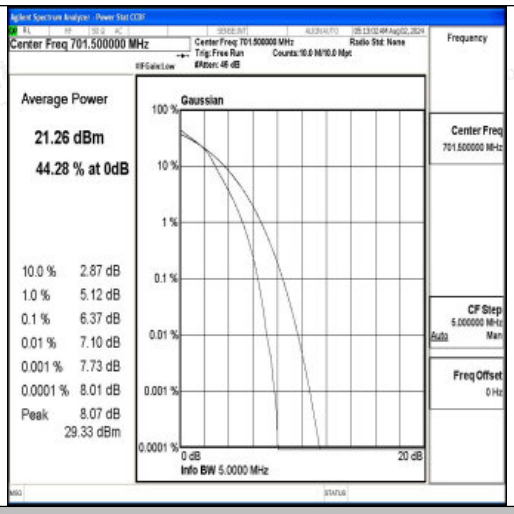

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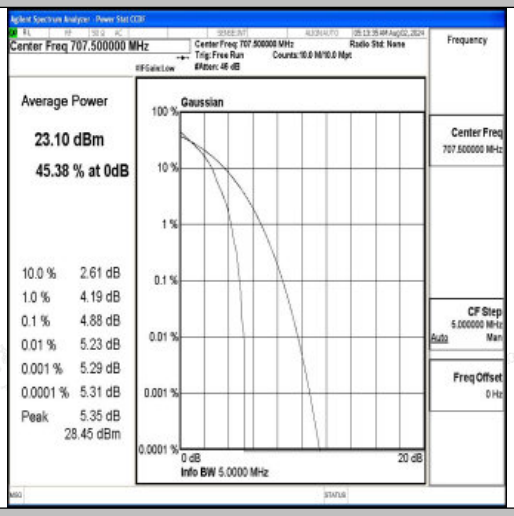

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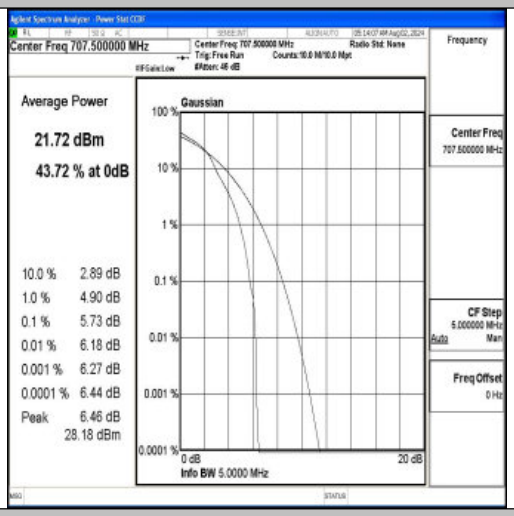

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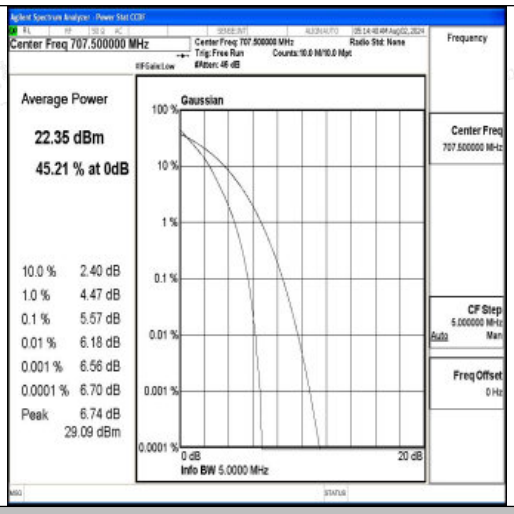

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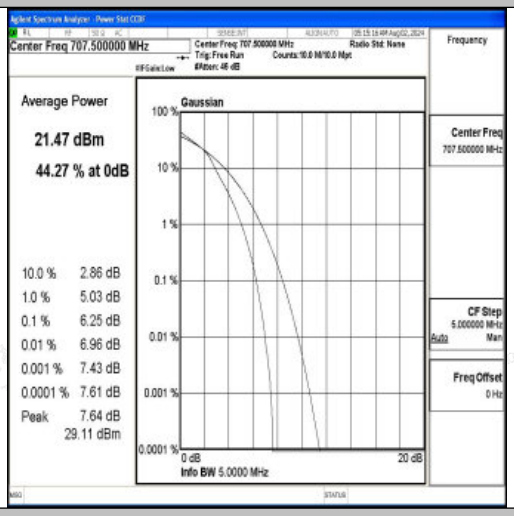

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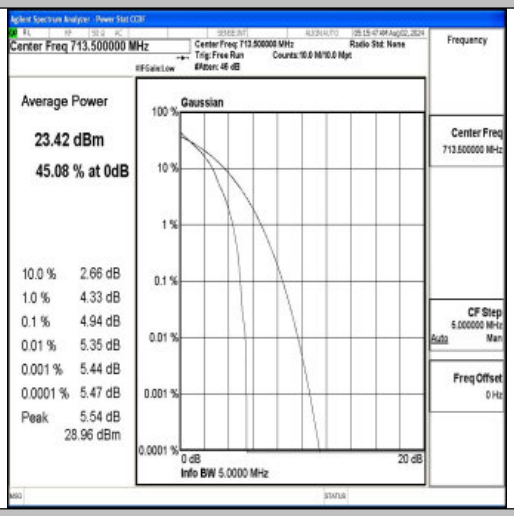
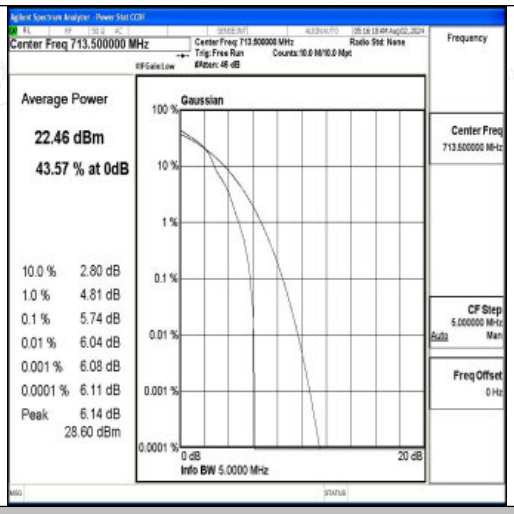


Band12-5MHz-QPSK-23155-1RB#0-PASS



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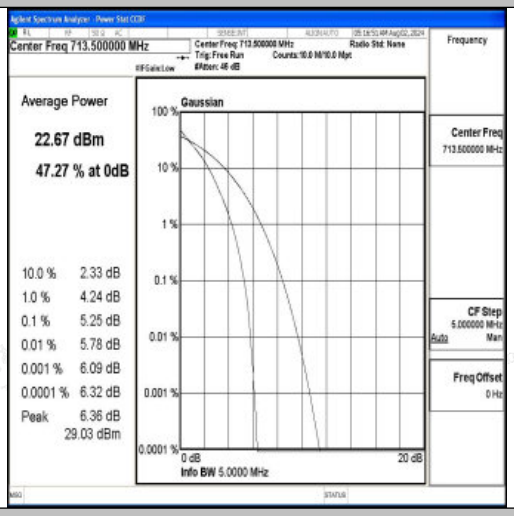

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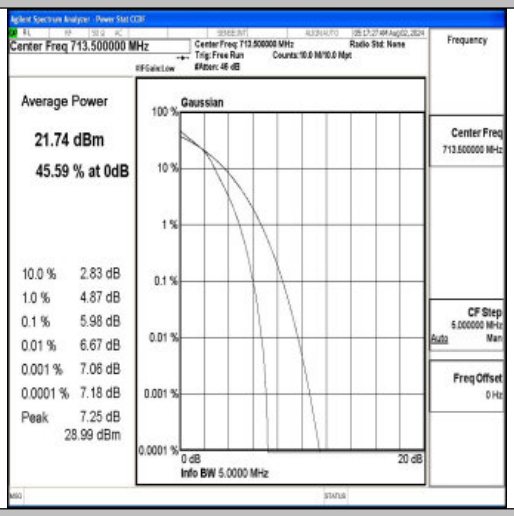

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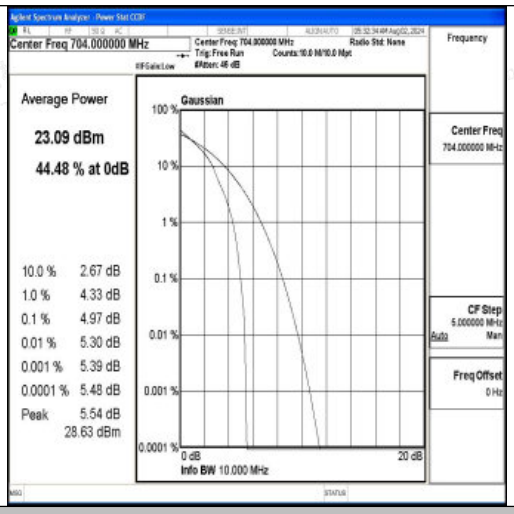
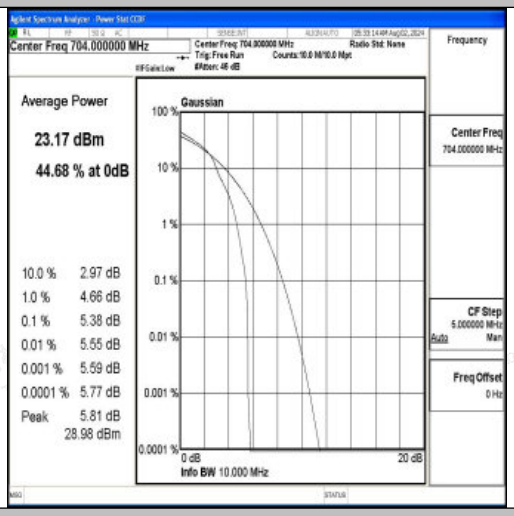
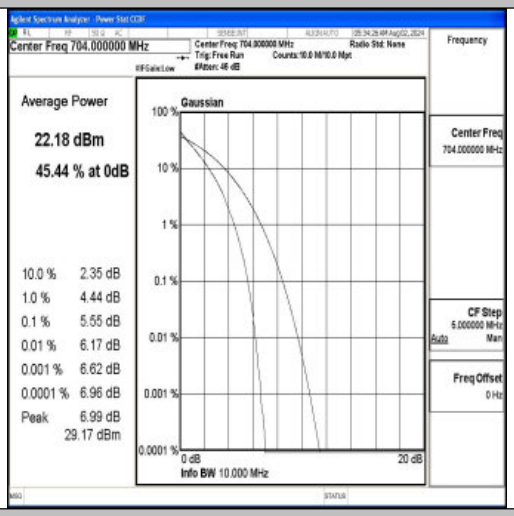


Band12-10MHz-QPSK-23060-1RB#0-PASS



Band12-10MHz-16QAM-23060-1RB#0-PASS



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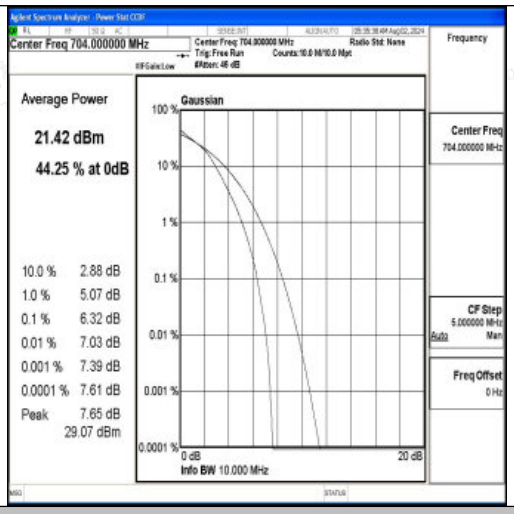

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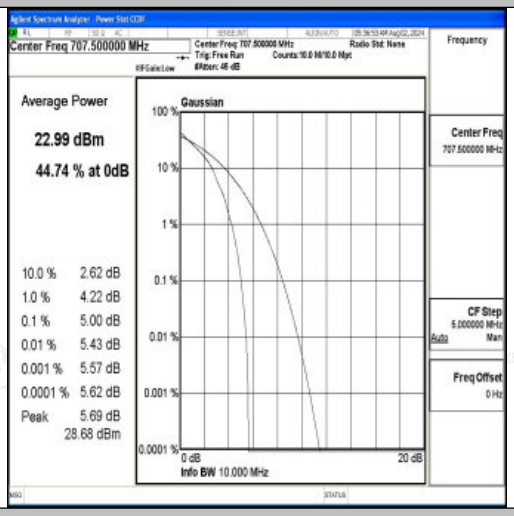

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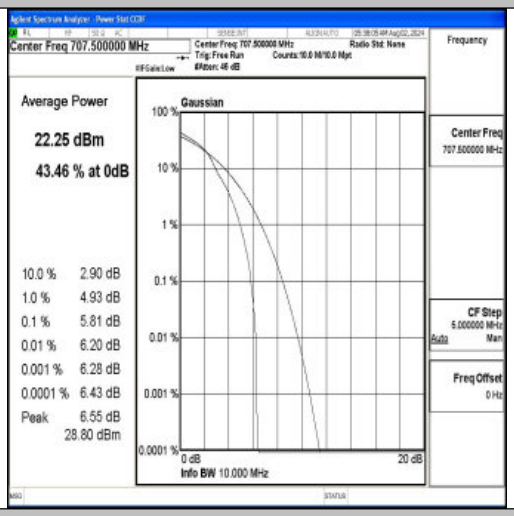

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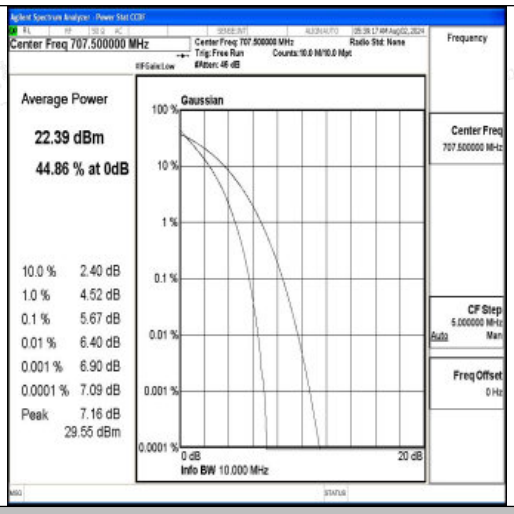

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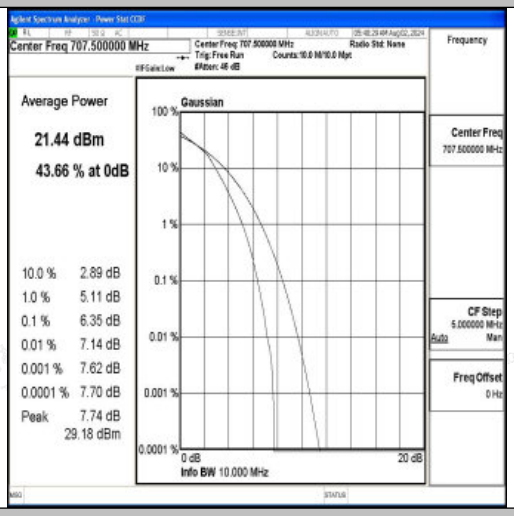

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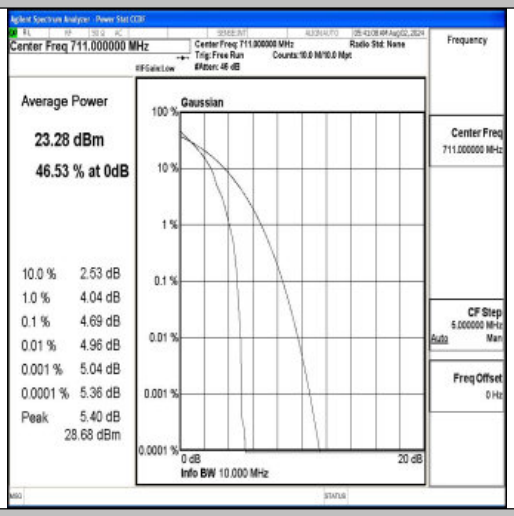
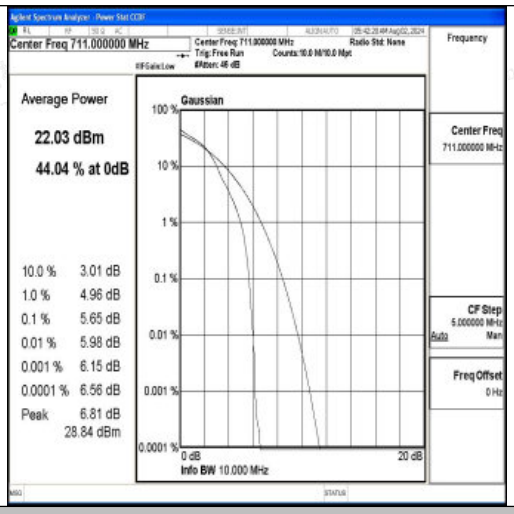
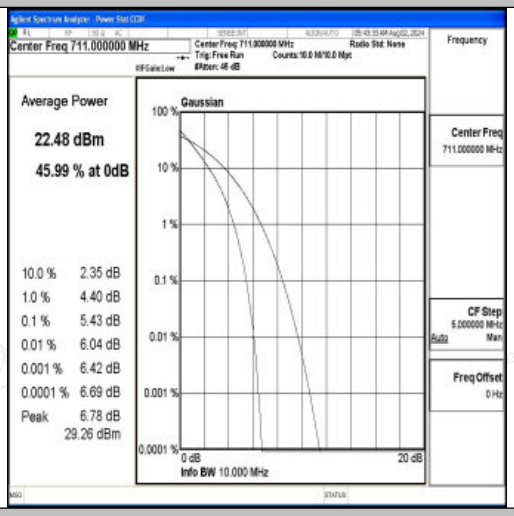


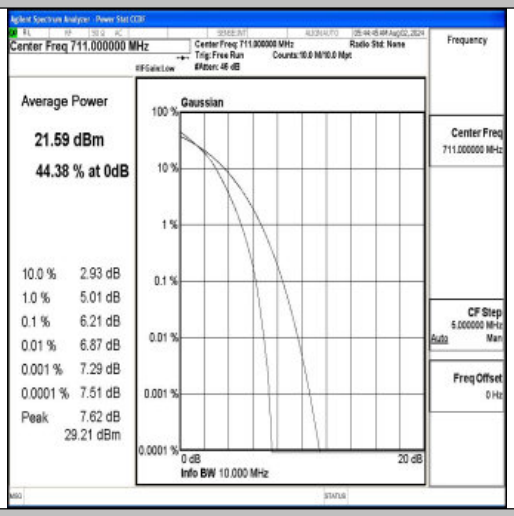
Band12-10MHz-QPSK-23130-1RB#0-PASS



Band12-10MHz-16QAM-23130-1RB#0-PASS



Band12-10MHz-QPSK-23130-50RB#0-PASS



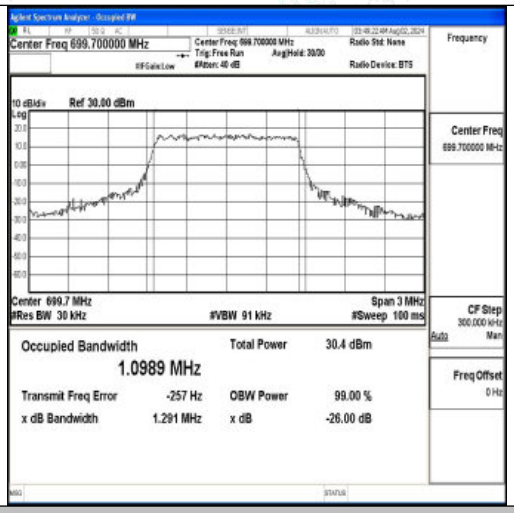
Band12-10MHz-16QAM-23130-50RB#0-PASS

J.3 26dB Bandwidth and Occupied Bandwidth

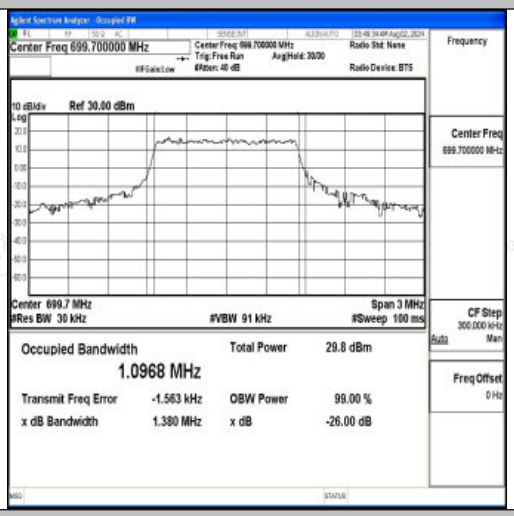
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0989	1.291	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0968	1.380	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0958	1.298	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1087	1.287	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.1014	1.330	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.1040	1.306	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7143	3.084	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.7009	3.106	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7107	3.216	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.7141	3.208	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7191	3.126	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.7127	3.199	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5266	5.256	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5225	5.313	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5250	5.453	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5439	5.453	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5086	5.175	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5427	5.414	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9896	10.12	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9878	10.08	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.0269	10.18	PASS
Band12	10MHz	16QAM	23095	50RB#0	9.0229	10.55	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9758	10.08	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9866	10.12	PASS

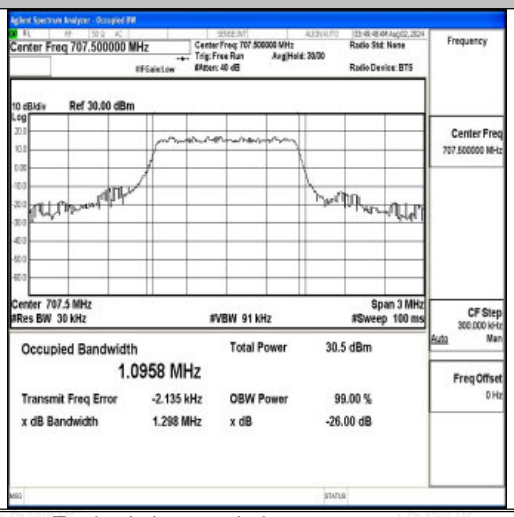
Test Graphs



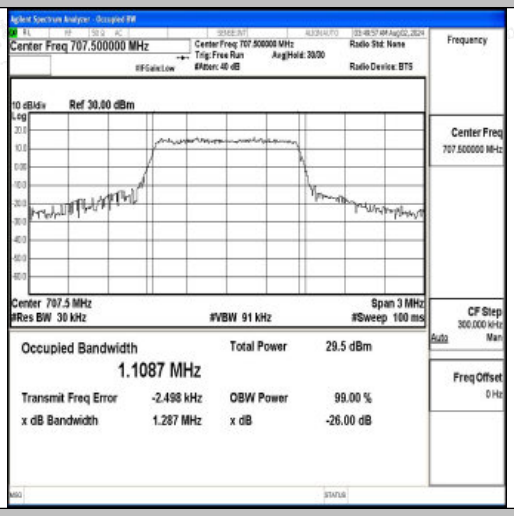
Band12-1.4MHz-QPSK-23017-6RB#0-PASS



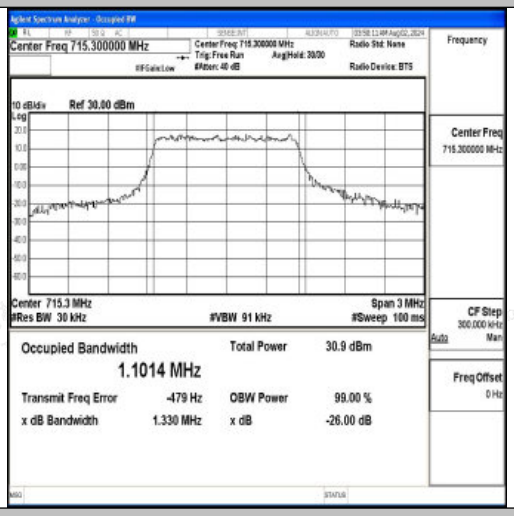
Band12-1.4MHz-16QAM-23017-6RB#0-PASS



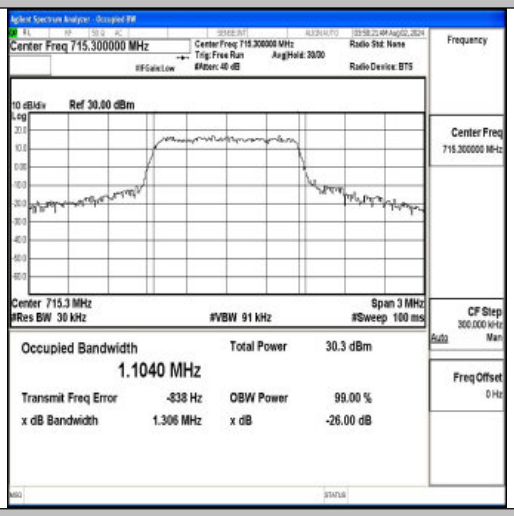
Band12-1.4MHz-QPSK-23095-6RB#0-PASS



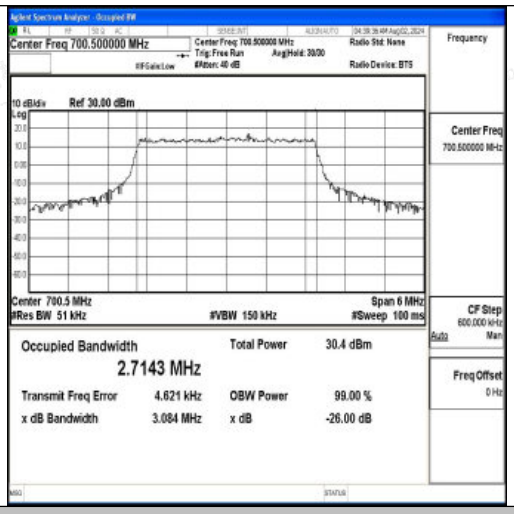
Band12-1.4MHz-16QAM-23095-6RB#0-PASS



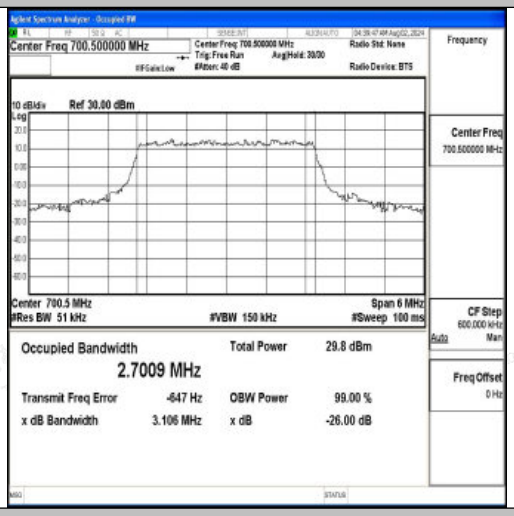
Band12-1.4MHz-QPSK-23173-6RB#0-PASS



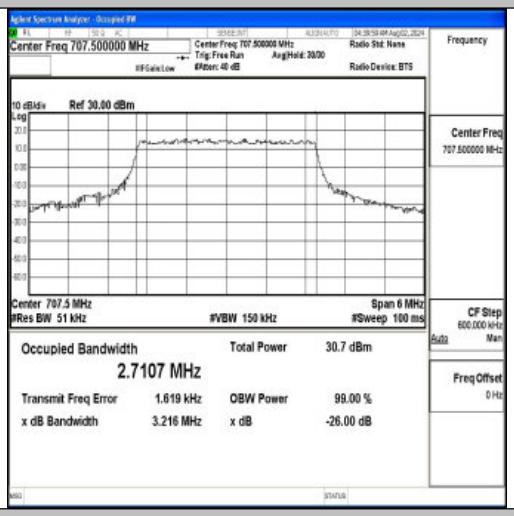
Band12-1.4MHz-16QAM-23173-6RB#0-PASS



Band12-3MHz-QPSK-23025-15RB#0-PASS



Band12-3MHz-16QAM-23025-15RB#0-PASS



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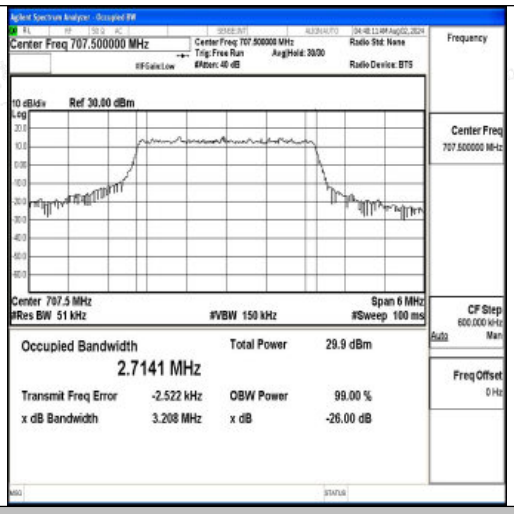
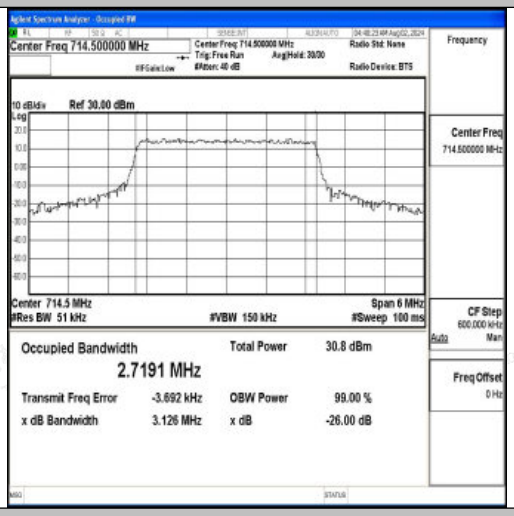
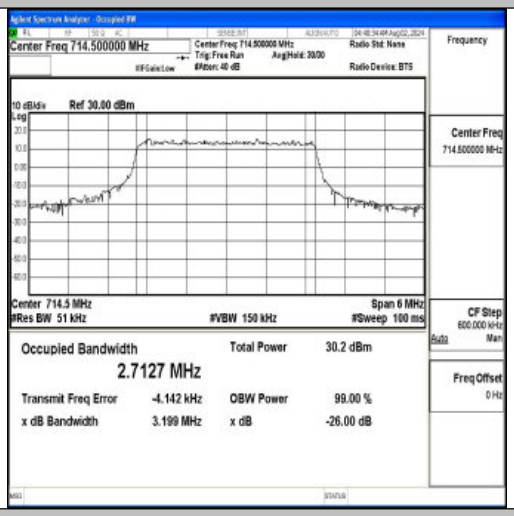


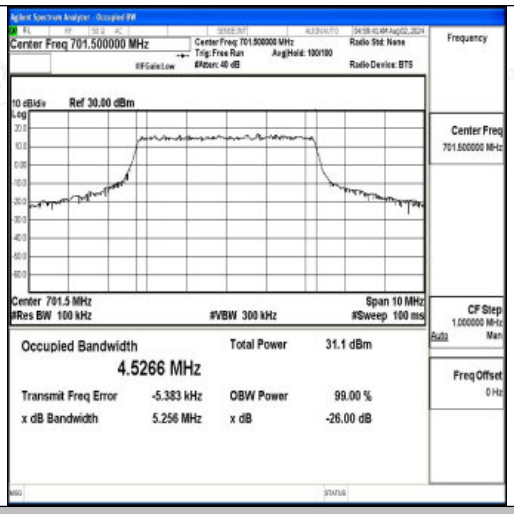
Band12-3MHz-16QAM-23095-15RB#0-PASS



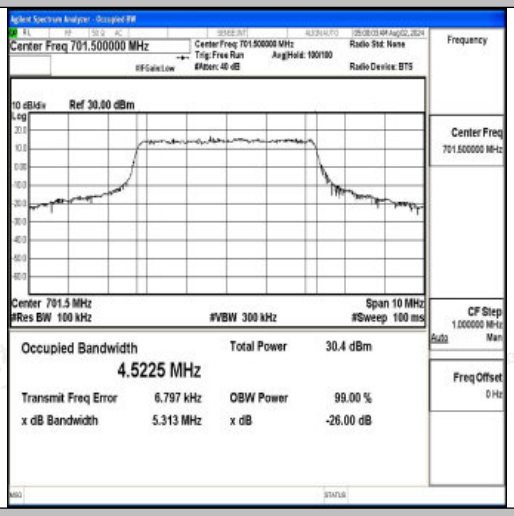
Band12-3MHz-QPSK-23165-15RB#0-PASS



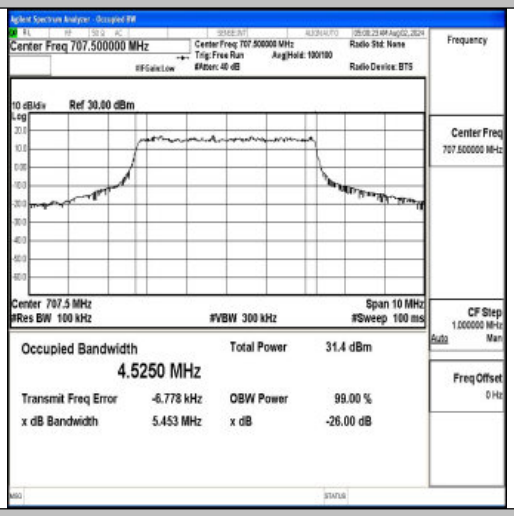
Band12-3MHz-16QAM-23165-15RB#0-PASS



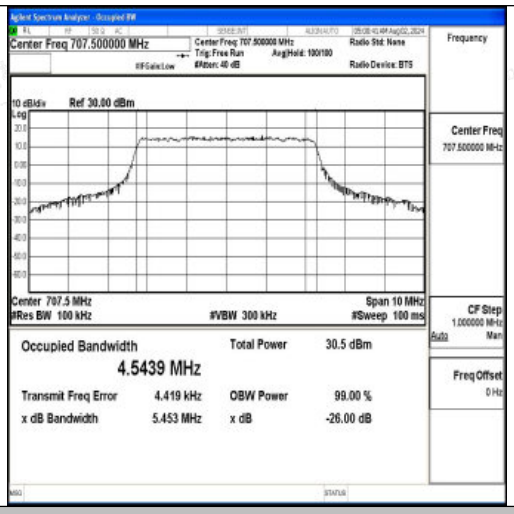
Band12-5MHz-QPSK-23035-25RB#0-PASS



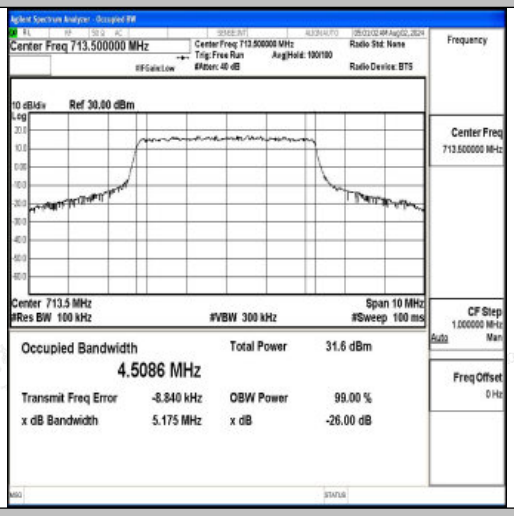
Band12-5MHz-16QAM-23035-25RB#0-PASS



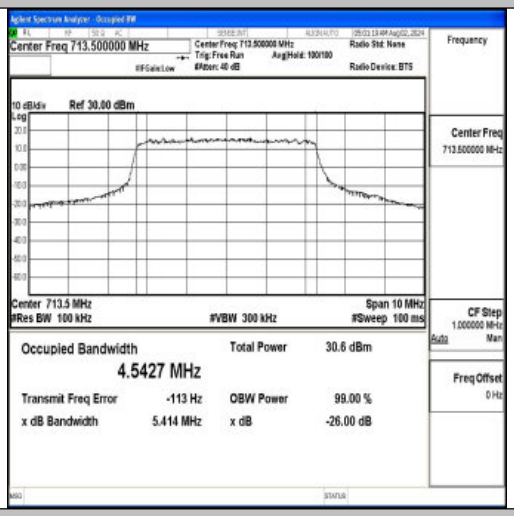
Band12-5MHz-QPSK-23095-25RB#0-PASS



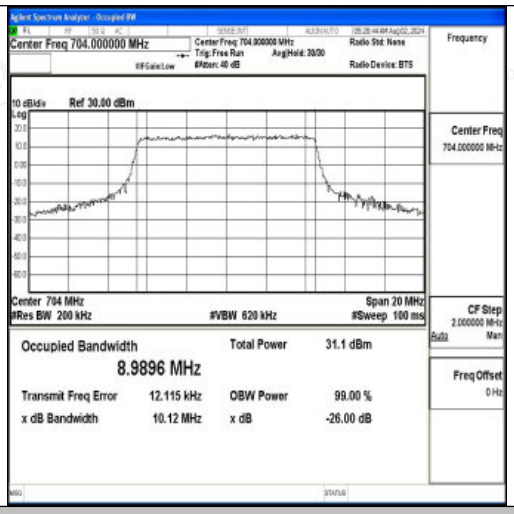
Band12-5MHz-16QAM-23095-25RB#0-PASS



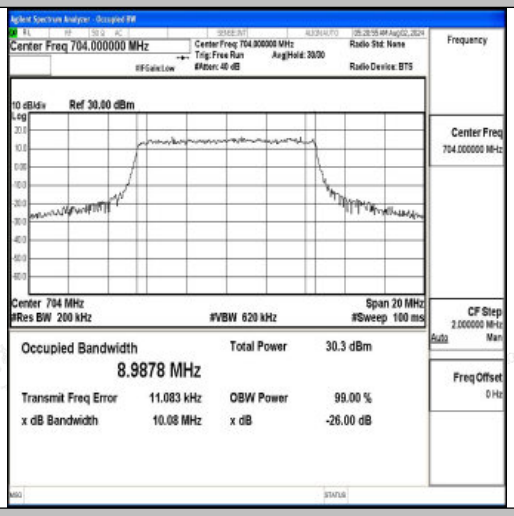
Band12-5MHz-QPSK-23155-25RB#0-PASS



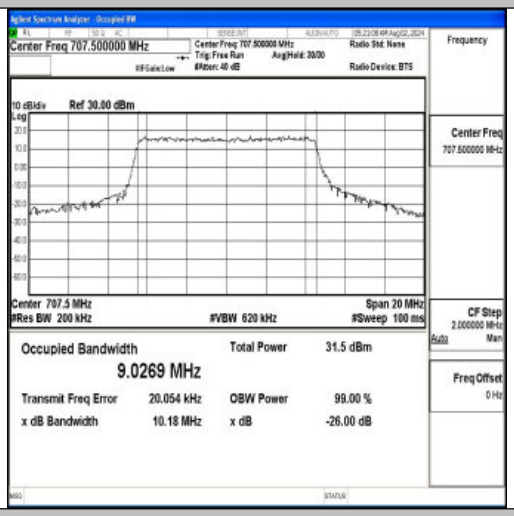
Band12-5MHz-16QAM-23155-25RB#0-PASS



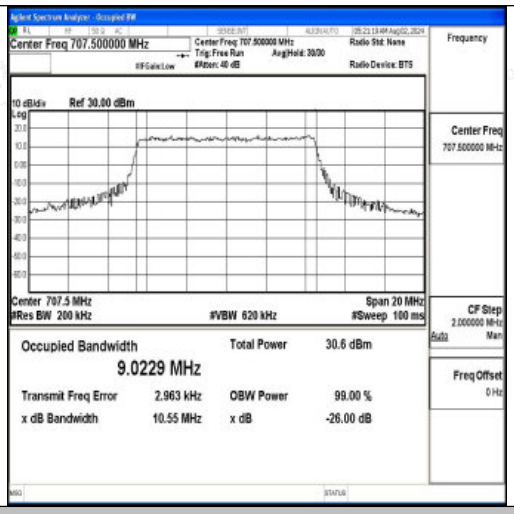
Band12-10MHz-QPSK-23060-50RB#0-PASS



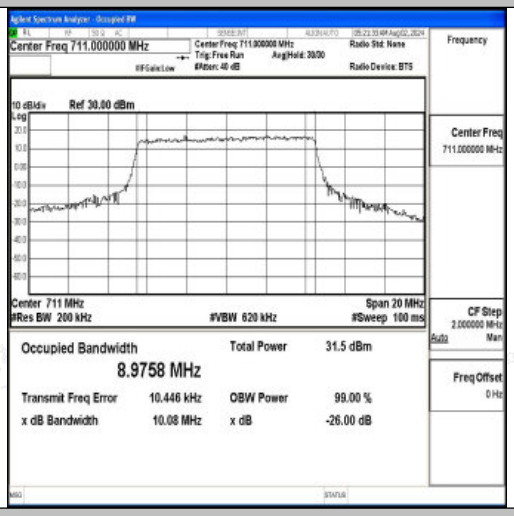
Band12-10MHz-16QAM-23060-50RB#0-PASS



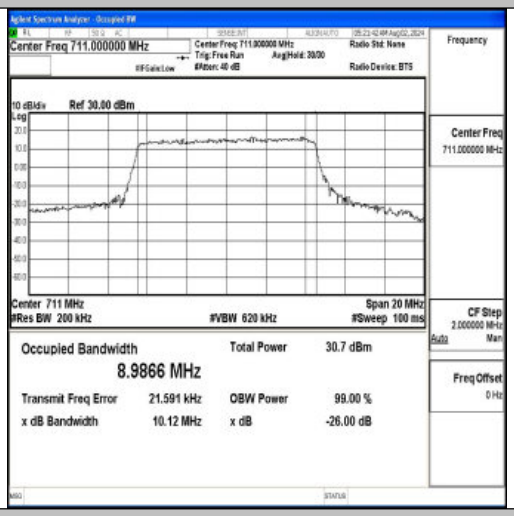
Band12-10MHz-QPSK-23095-50RB#0-PASS



Band12-10MHz-16QAM-23095-50RB#0-PASS



Band12-10MHz-QPSK-23130-50RB#0-PASS



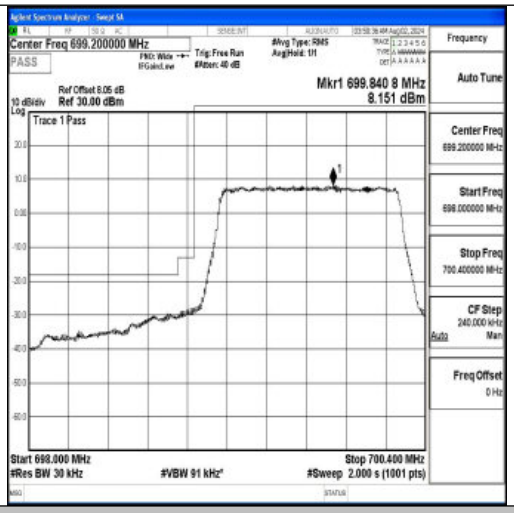
Band12-10MHz-16QAM-23130-50RB#0-PASS

J.4 Band Edge

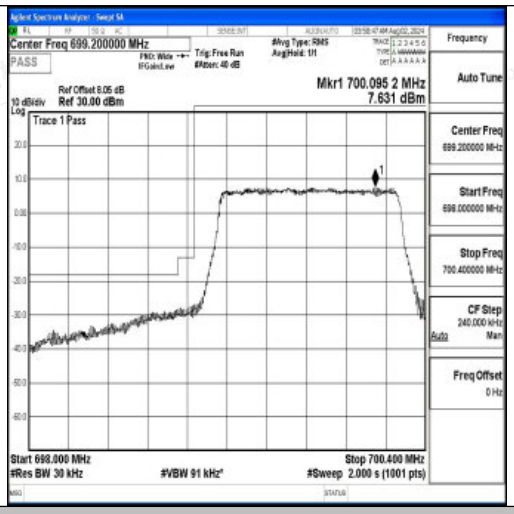
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	698.84	-29.56	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	698.90	-28.53	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	716.12	-27.71	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	716.13	-27.92	PASS
Band12	3MHz	QPSK	23025	15RB#0	699.00	-24.04	PASS
Band12	3MHz	16QAM	23025	15RB#0	699.00	-25.44	PASS
Band12	3MHz	QPSK	23165	15RB#0	716.00	-24.64	PASS
Band12	3MHz	16QAM	23165	15RB#0	716.00	-25.86	PASS
Band12	5MHz	QPSK	23035	25RB#0	698.90	-34.35	PASS
Band12	5MHz	16QAM	23035	25RB#0	698.87	-35.43	PASS
Band12	5MHz	QPSK	23155	25RB#0	716.12	-35.88	PASS
Band12	5MHz	16QAM	23155	25RB#0	716.15	-36.81	PASS
Band12	10MHz	QPSK	23060	50RB#0	698.89	-38.67	PASS
Band12	10MHz	16QAM	23060	50RB#0	698.84	-40.10	PASS
Band12	10MHz	QPSK	23130	50RB#0	716.12	-38.11	PASS
Band12	10MHz	16QAM	23130	50RB#0	716.11	-40.16	PASS

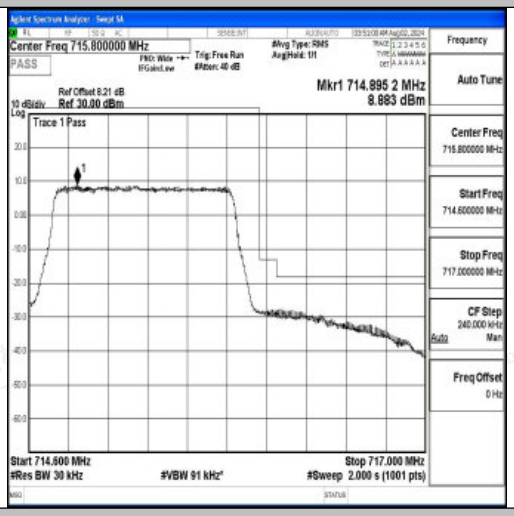
Test Graphs



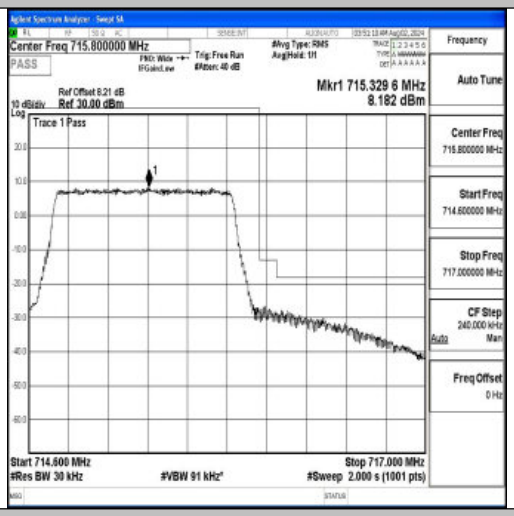
Band12-1.4MHz-QPSK-23017-6RB#0-PASS



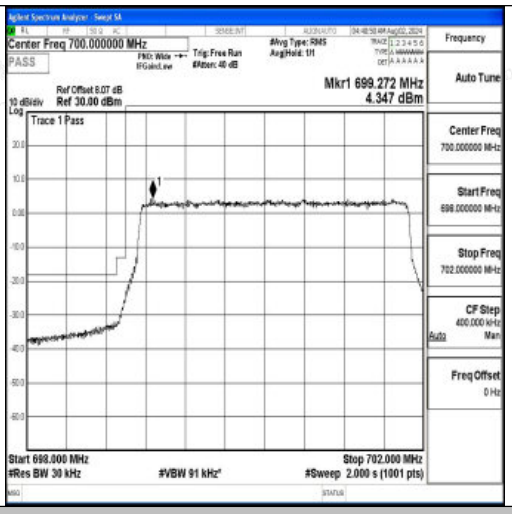
Band12-1.4MHz-16QAM-23017-6RB#0-PASS



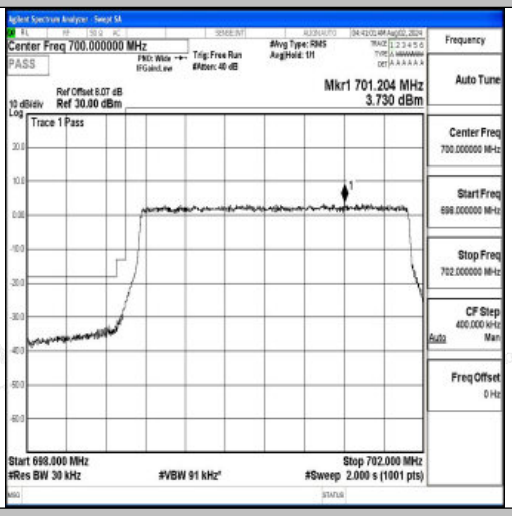
Band12-1.4MHz-QPSK-23173-6RB#0-PASS



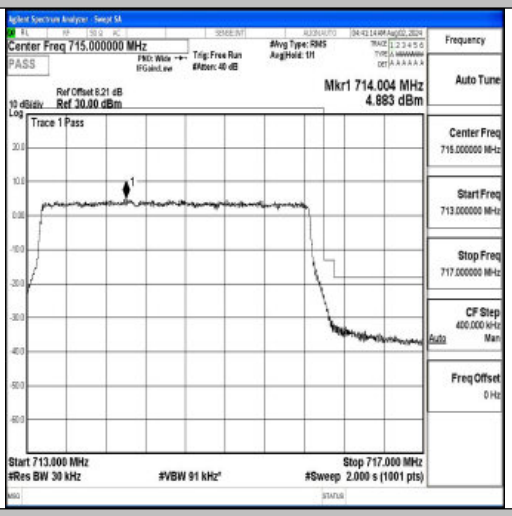
Band12-1.4MHz-16QAM-23173-6RB#0-PASS



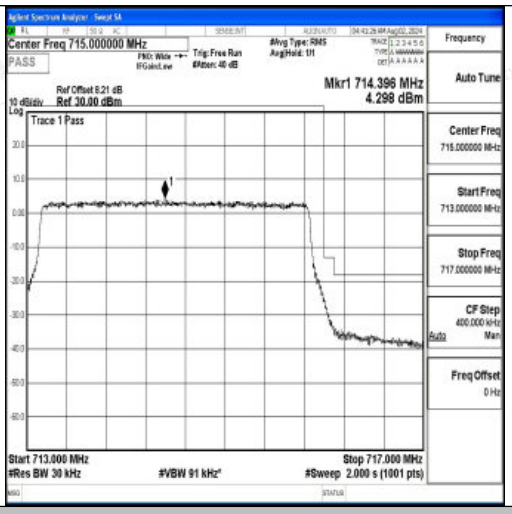
Band12-3MHz-QPSK-23025-15RB#0-PASS



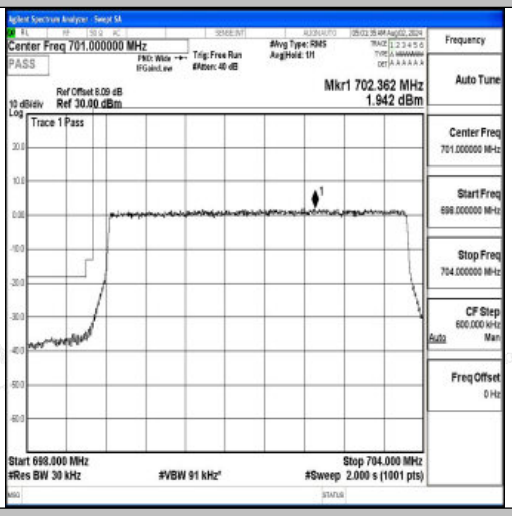
Band12-3MHz-16QAM-23025-15RB#0-PASS



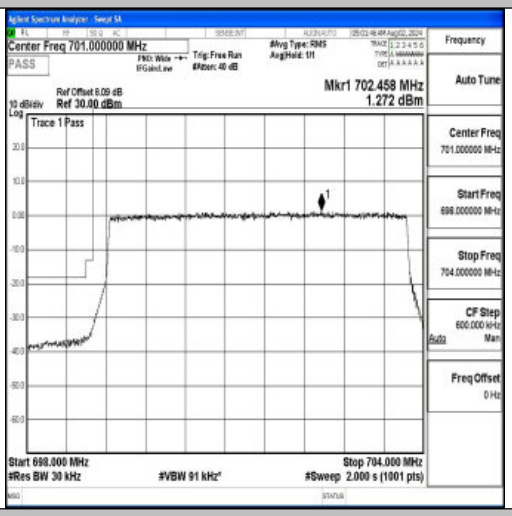
Band12-3MHz-QPSK-23165-15RB#0-PASS



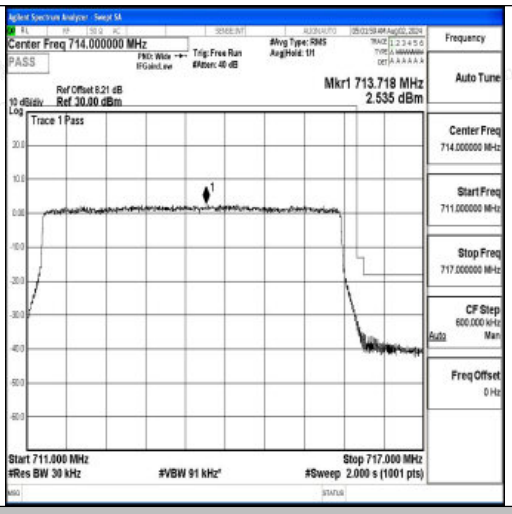
Band12-3MHz-16QAM-23165-15RB#0-PASS



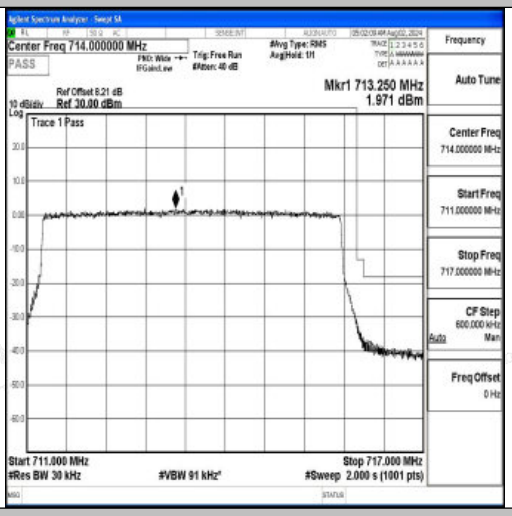
Band12-5MHz-QPSK-23035-25RB#0-PASS



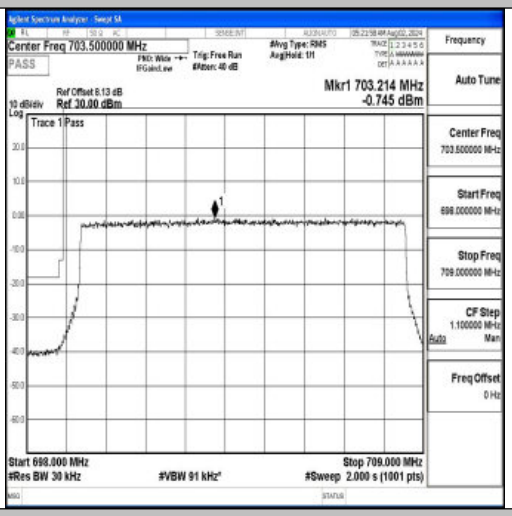
Band12-5MHz-16QAM-23035-25RB#0-PASS



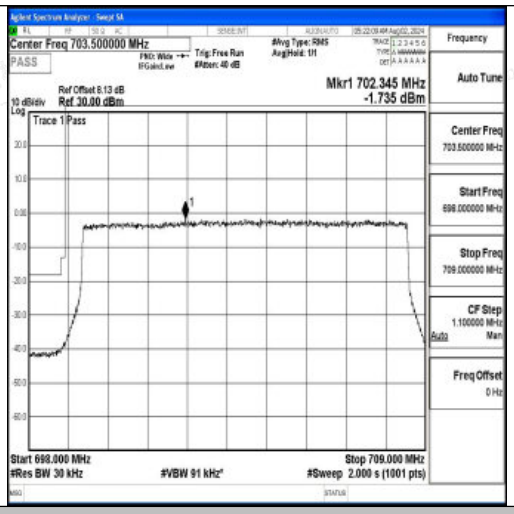
Band12-5MHz-QPSK-23155-25RB#0-PASS



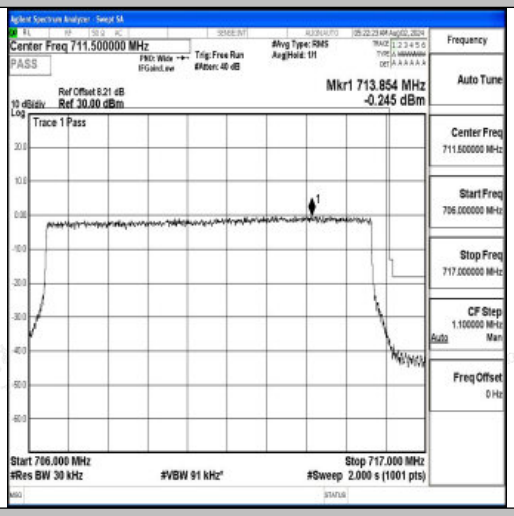
Band12-5MHz-16QAM-23155-25RB#0-PASS



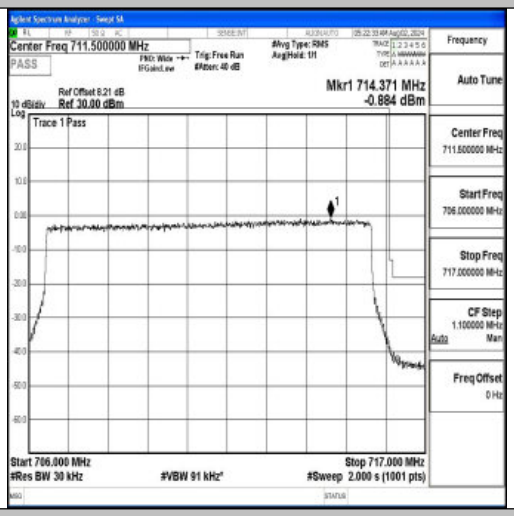
Band12-10MHz-QPSK-23060-50RB#0-PASS



Band12-10MHz-16QAM-23060-50RB#0-PASS



Band12-10MHz-QPSK-23130-50RB#0-PASS



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

J.5 Conducted Spurious Emission

Test Result

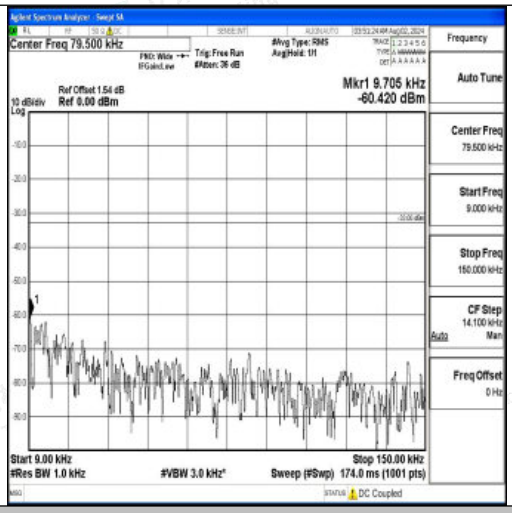
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	0.009~0.15	-60.42	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	0.15~30	-60.67	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	30~1000	-44.93	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	1000~3000	-42.79	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	3000~10000	-46.34	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.009~0.15	-62.74	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.15~30	-63.05	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	30~1000	-43.67	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	1000~3000	-43.16	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	3000~10000	-46.83	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.009~0.15	-60.21	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.15~30	-62.19	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	30~1000	-43.87	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	1000~3000	-42.44	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3000~10000	-46.74	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.009~0.15	-62.46	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.15~30	-63.03	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	30~1000	-44.18	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	1000~3000	-43.20	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	3000~10000	-46.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.009~0.15	-62.40	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.15~30	-62.29	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	30~1000	-46.23	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	1000~3000	-43.18	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3000~10000	-46.83	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.009~0.15	-58.68	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.15~30	-62.54	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	30~1000	-39.42	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	1000~3000	-41.38	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	3000~10000	-46.74	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.009~0.15	-60.80	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.15~30	-61.87	PASS
Band12	3MHz	QPSK	23025	1RB#0	30~1000	-47.88	PASS

Band12	3MHz	QPSK	23025	1RB#0	1000~3000	-43.81	PASS
Band12	3MHz	QPSK	23025	1RB#0	3000~10000	-46.38	PASS
Band12	3MHz	16QAM	23025	1RB#0	0.009~0.15	-58.45	PASS
Band12	3MHz	16QAM	23025	1RB#0	0.15~30	-62.50	PASS
Band12	3MHz	16QAM	23025	1RB#0	30~1000	-49.34	PASS
Band12	3MHz	16QAM	23025	1RB#0	1000~3000	-43.79	PASS
Band12	3MHz	16QAM	23025	1RB#0	3000~10000	-46.62	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.009~0.15	-57.83	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.15~30	-63.58	PASS
Band12	3MHz	QPSK	23095	1RB#0	30~1000	-48.68	PASS
Band12	3MHz	QPSK	23095	1RB#0	1000~3000	-44.78	PASS
Band12	3MHz	QPSK	23095	1RB#0	3000~10000	-46.27	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.009~0.15	-61.23	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.15~30	-62.80	PASS
Band12	3MHz	16QAM	23095	1RB#0	30~1000	-48.23	PASS
Band12	3MHz	16QAM	23095	1RB#0	1000~3000	-43.46	PASS
Band12	3MHz	16QAM	23095	1RB#0	3000~10000	-46.91	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.009~0.15	-61.62	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.15~30	-62.73	PASS
Band12	3MHz	QPSK	23165	1RB#0	30~1000	-51.67	PASS
Band12	3MHz	QPSK	23165	1RB#0	1000~3000	-43.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	3000~10000	-46.74	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.009~0.15	-59.54	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.15~30	-63.25	PASS
Band12	3MHz	16QAM	23165	1RB#0	30~1000	-51.70	PASS
Band12	3MHz	16QAM	23165	1RB#0	1000~3000	-44.13	PASS
Band12	3MHz	16QAM	23165	1RB#0	3000~10000	-46.37	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.009~0.15	-60.21	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.15~30	-64.24	PASS
Band12	5MHz	QPSK	23035	1RB#0	30~1000	-56.85	PASS
Band12	5MHz	QPSK	23035	1RB#0	1000~3000	-42.89	PASS
Band12	5MHz	QPSK	23035	1RB#0	3000~10000	-46.75	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.009~0.15	-62.18	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.15~30	-62.99	PASS
Band12	5MHz	16QAM	23035	1RB#0	30~1000	-59.96	PASS
Band12	5MHz	16QAM	23035	1RB#0	1000~3000	-44.72	PASS
Band12	5MHz	16QAM	23035	1RB#0	3000~10000	-46.67	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.009~0.15	-61.26	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.15~30	-62.33	PASS

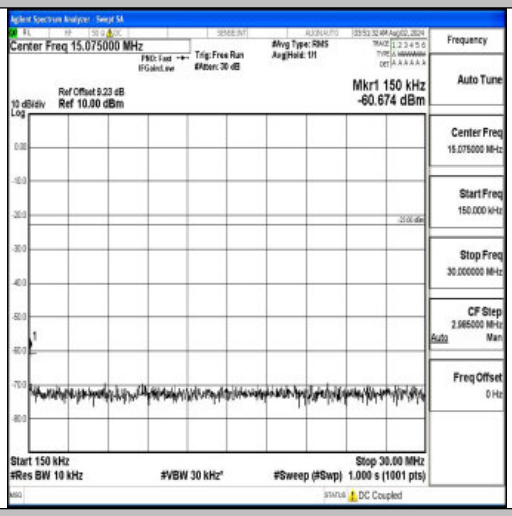
Band12	5MHz	QPSK	23095	1RB#0	30~1000	-58.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	1000~3000	-44.80	PASS
Band12	5MHz	QPSK	23095	1RB#0	3000~10000	-46.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	0.009~0.15	-60.45	PASS
Band12	5MHz	16QAM	23095	1RB#0	0.15~30	-60.90	PASS
Band12	5MHz	16QAM	23095	1RB#0	30~1000	-58.50	PASS
Band12	5MHz	16QAM	23095	1RB#0	1000~3000	-44.85	PASS
Band12	5MHz	16QAM	23095	1RB#0	3000~10000	-46.71	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.009~0.15	-59.31	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.15~30	-61.59	PASS
Band12	5MHz	QPSK	23155	1RB#0	30~1000	-57.80	PASS
Band12	5MHz	QPSK	23155	1RB#0	1000~3000	-44.39	PASS
Band12	5MHz	QPSK	23155	1RB#0	3000~10000	-46.89	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.009~0.15	-56.62	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.15~30	-61.73	PASS
Band12	5MHz	16QAM	23155	1RB#0	30~1000	-58.36	PASS
Band12	5MHz	16QAM	23155	1RB#0	1000~3000	-44.33	PASS
Band12	5MHz	16QAM	23155	1RB#0	3000~10000	-46.42	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.009~0.15	-59.53	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.15~30	-61.47	PASS
Band12	10MHz	QPSK	23060	1RB#0	30~1000	-60.55	PASS
Band12	10MHz	QPSK	23060	1RB#0	1000~3000	-44.25	PASS
Band12	10MHz	QPSK	23060	1RB#0	3000~10000	-46.93	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.009~0.15	-59.65	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.15~30	-64.36	PASS
Band12	10MHz	16QAM	23060	1RB#0	30~1000	-60.39	PASS
Band12	10MHz	16QAM	23060	1RB#0	1000~3000	-43.42	PASS
Band12	10MHz	16QAM	23060	1RB#0	3000~10000	-46.80	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.009~0.15	-58.17	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.15~30	-63.06	PASS
Band12	10MHz	QPSK	23095	1RB#0	30~1000	-60.72	PASS
Band12	10MHz	QPSK	23095	1RB#0	1000~3000	-44.62	PASS
Band12	10MHz	QPSK	23095	1RB#0	3000~10000	-46.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.009~0.15	-59.17	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.15~30	-61.45	PASS
Band12	10MHz	16QAM	23095	1RB#0	30~1000	-60.58	PASS
Band12	10MHz	16QAM	23095	1RB#0	1000~3000	-44.71	PASS
Band12	10MHz	16QAM	23095	1RB#0	3000~10000	-46.78	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.009~0.15	-61.99	PASS

Band12	10MHz	QPSK	23130	1RB#0	0.15~30	-61.76	PASS
Band12	10MHz	QPSK	23130	1RB#0	30~1000	-60.76	PASS
Band12	10MHz	QPSK	23130	1RB#0	1000~3000	-44.83	PASS
Band12	10MHz	QPSK	23130	1RB#0	3000~10000	-46.52	PASS
Band12	10MHz	16QAM	23130	1RB#0	0.009~0.15	-62.52	PASS
Band12	10MHz	16QAM	23130	1RB#0	0.15~30	-62.96	PASS
Band12	10MHz	16QAM	23130	1RB#0	30~1000	-60.65	PASS
Band12	10MHz	16QAM	23130	1RB#0	1000~3000	-44.74	PASS
Band12	10MHz	16QAM	23130	1RB#0	3000~10000	-46.46	PASS

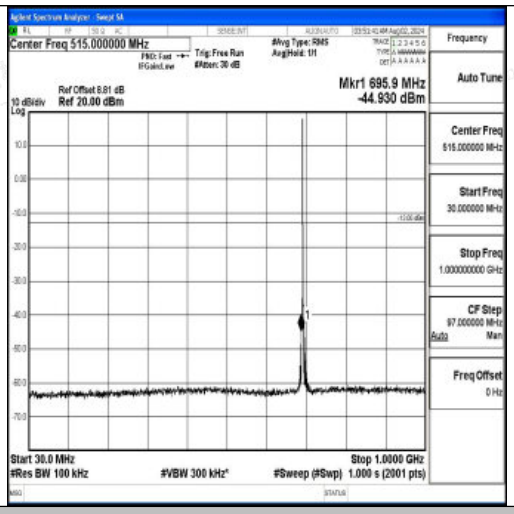
Test Graphs



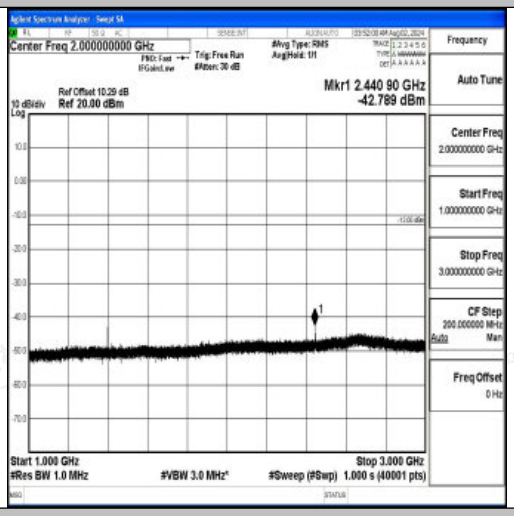
Band12-1.4MHz-QPSK-23017-1RB#0-0.009~0.15-PASS



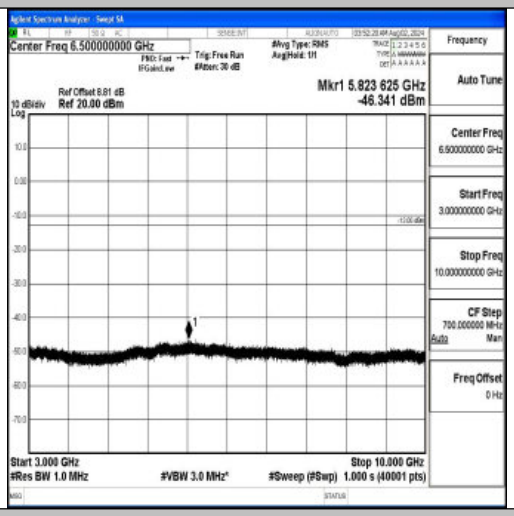
Band12-1.4MHz-QPSK-23017-1RB#0-0.15~30-PASS



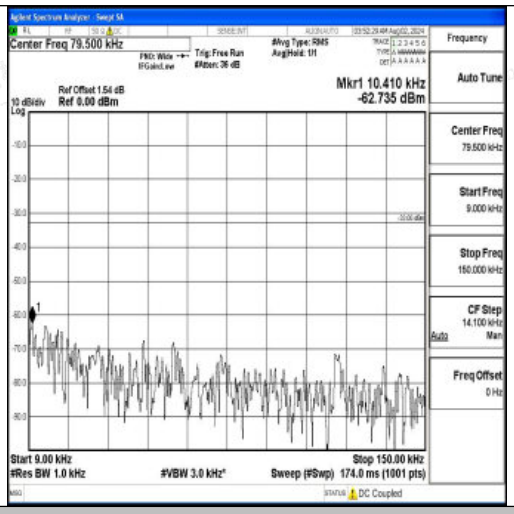
Band12-1.4MHz-QPSK-23017-1RB#0-30~1000-PASS



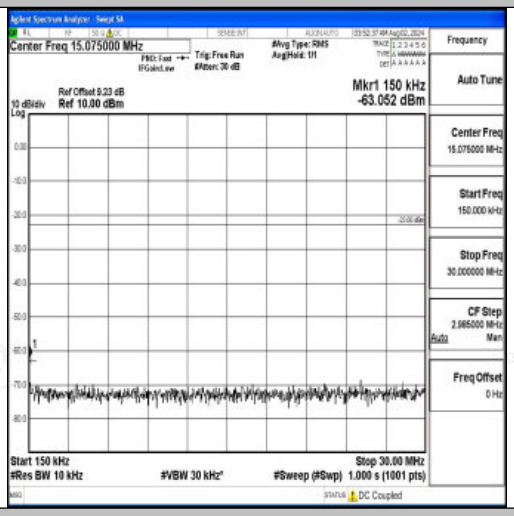
Band12-1.4MHz-QPSK-23017-1RB#0-1000~3000-PASS



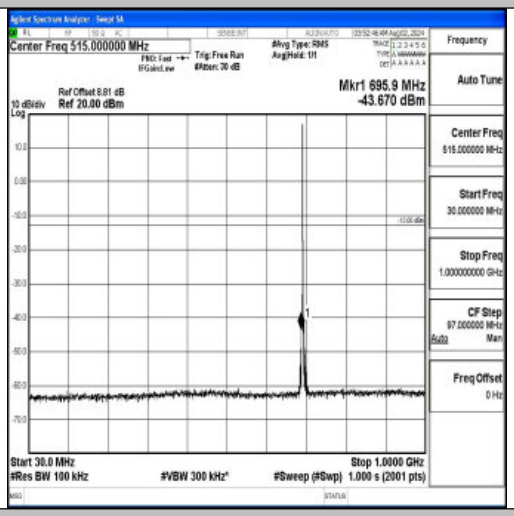
Band12-1.4MHz-QPSK-23017-1RB#0-3000~10000-PASS



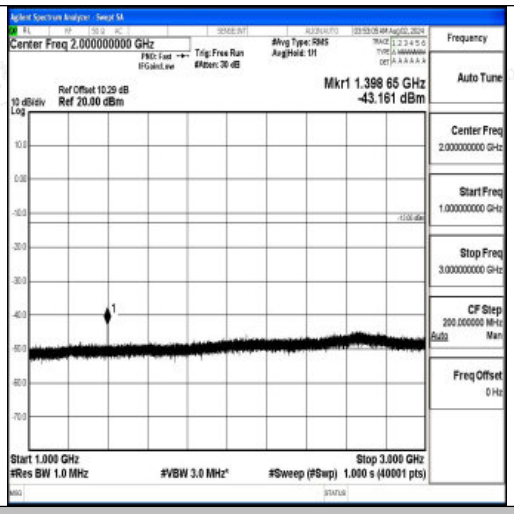
Band12-1.4MHz-16QAM-23017-1RB#0-0.009~0.15-PASS



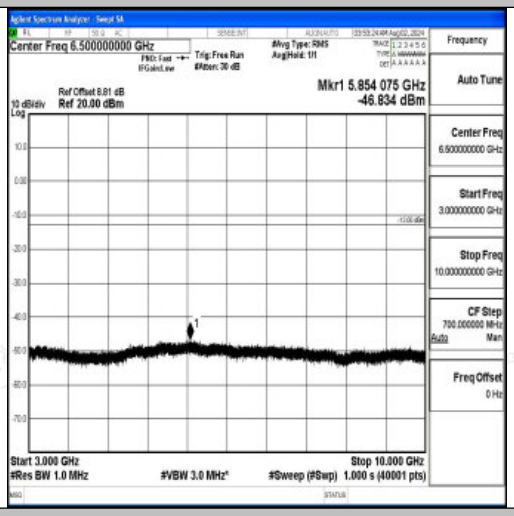
Band12-1.4MHz-16QAM-23017-1RB#0-0.15~30-PASS



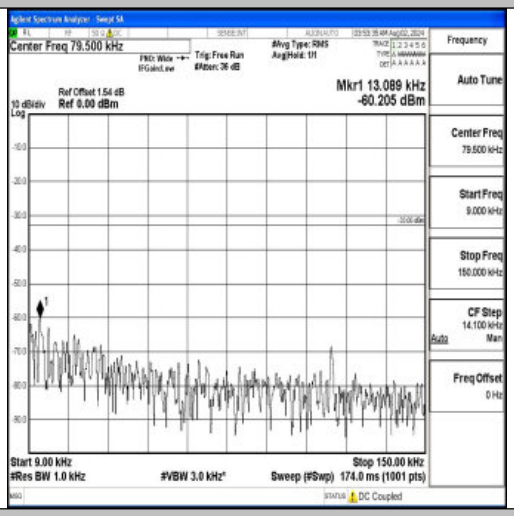
Band12-1.4MHz-16QAM-23017-1RB#0-30~1000-PASS



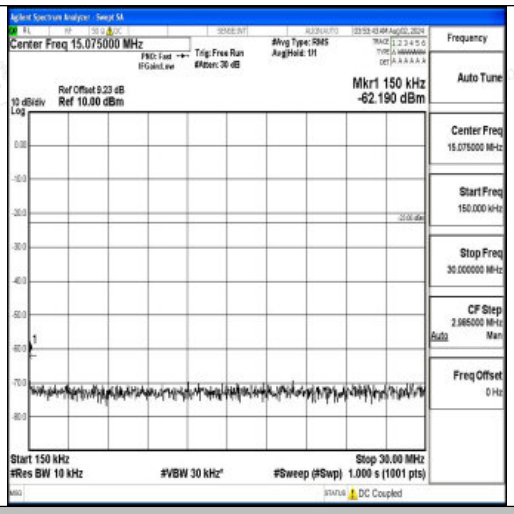
Band12-1.4MHz-16QAM-23017-1RB#0-1000~3000-PASS



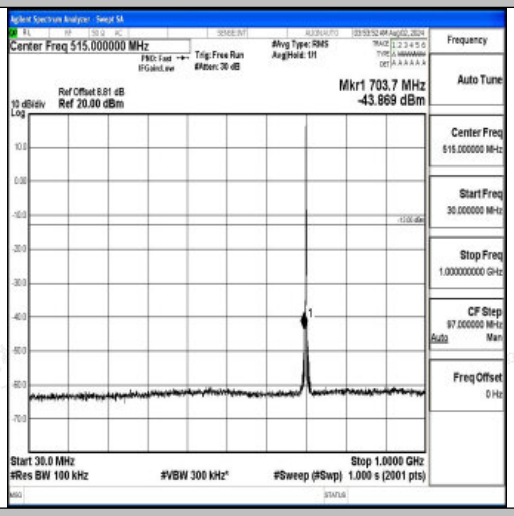
Band12-1.4MHz-16QAM-23017-1RB#0-3000~10000-PASS



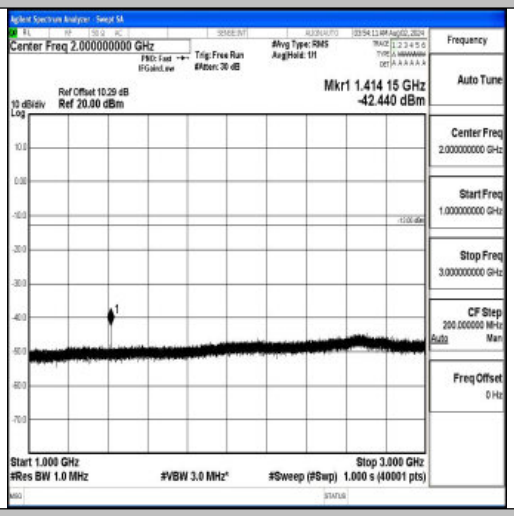
Band12-1.4MHz-QPSK-23095-1RB#0-0.009~0.15-PASS



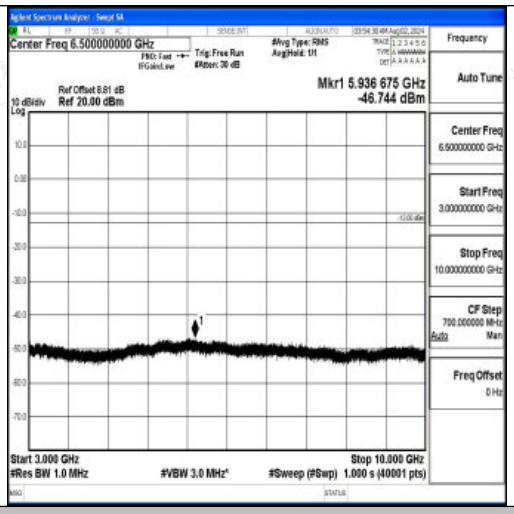
Band12-1.4MHz-QPSK-23095-1RB#0-0.15~30-PASS



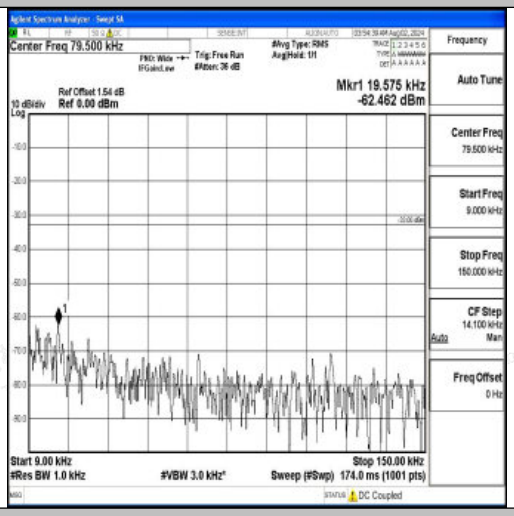
Band12-1.4MHz-QPSK-23095-1RB#0-30~1000-PASS



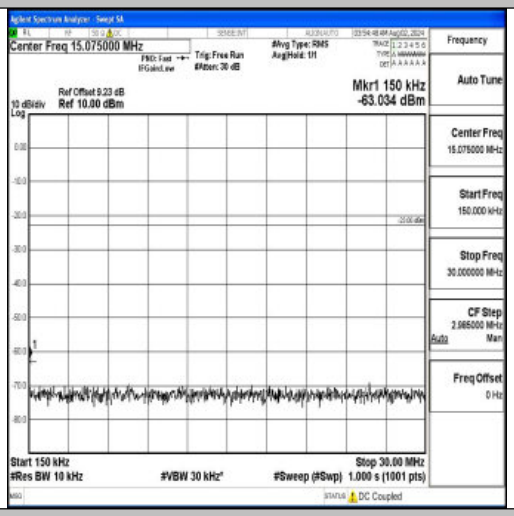
Band12-1.4MHz-QPSK-23095-1RB#0-1000~3000-PASS



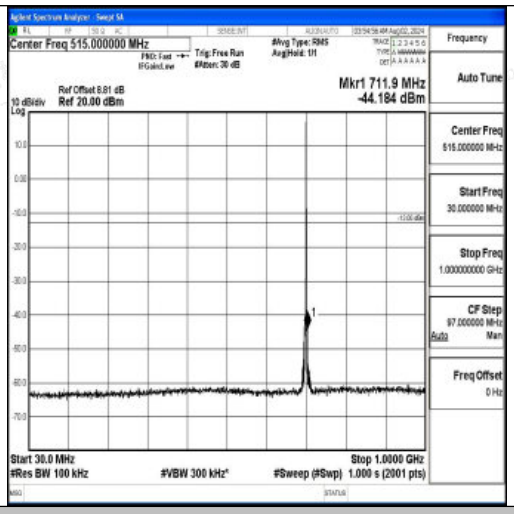
Band12-1.4MHz-QPSK-23095-1RB#0-3000~10000-PASS



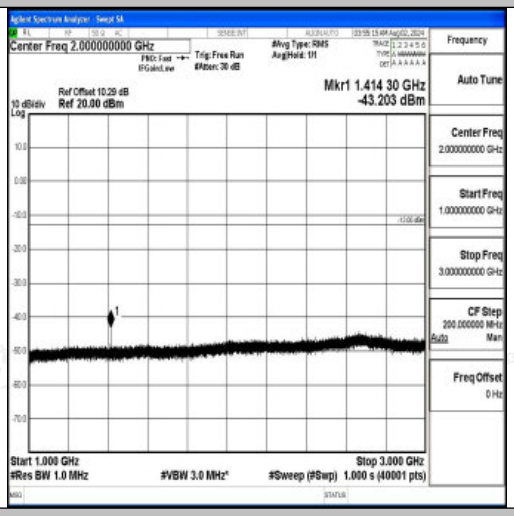
Band12-1.4MHz-16QAM-23095-1RB#0-0.009~0.15-PASS



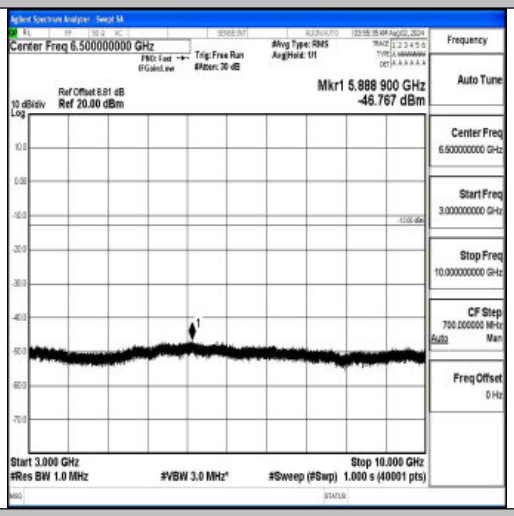
Band12-1.4MHz-16QAM-23095-1RB#0-0.15~30-PASS



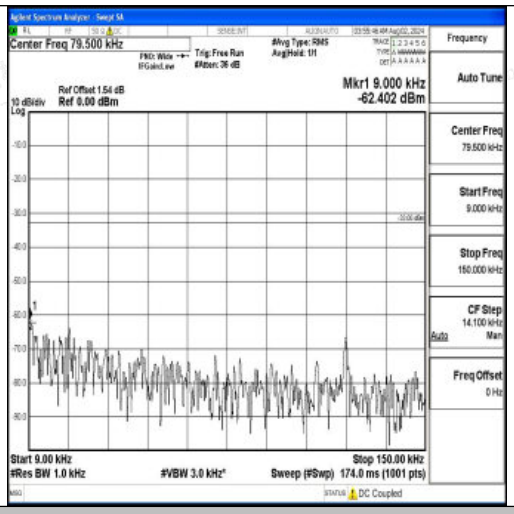
Band12-1.4MHz-16QAM-23095-1RB#0-30~1000-PASS



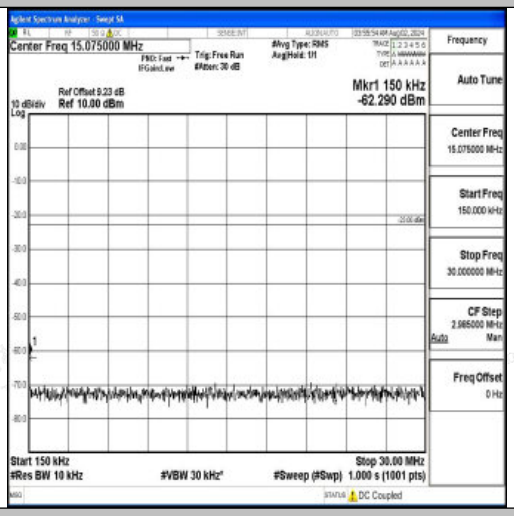
Band12-1.4MHz-16QAM-23095-1RB#0-1000~3000-PASS



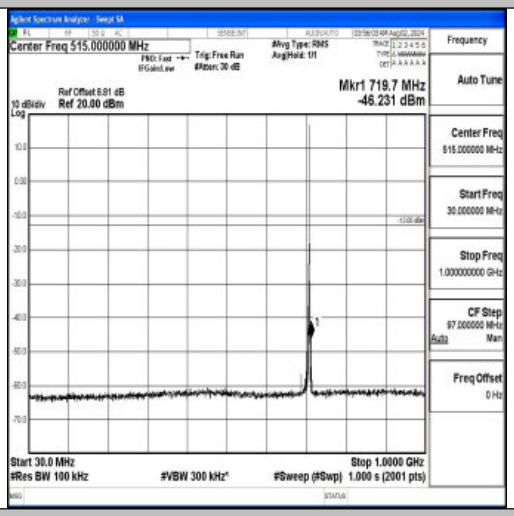
Band12-1.4MHz-16QAM-23095-1RB#0-3000~10000-PASS



Band12-1.4MHz-QPSK-23173-1RB#0-0.009~0.15-PASS



Band12-1.4MHz-QPSK-23173-1RB#0-0.15~30-PASS



Band12-1.4MHz-QPSK-23173-1RB#0-30~1000-PASS