Appendix L Test Data for E-UTRA Band 12

Product Name: Model 6s

Test Model: Model 6s

Environmental Conditions

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

L.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	23.08	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	22.36	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	23.13	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	22.67	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	23.07	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	22.74	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	23.33	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	21.95	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	23.25	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	21.95	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	23.13	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	21.95	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	22.34	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	21.34	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	23.12	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	22.84	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	23.20	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	22.85	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	23.17	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	22.79	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	23.27	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	22.22	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	23.17	PASS
Band12	1.4MHz	16QAM	23095	3RB#1	22.21	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	23.20	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	21.75	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	22.16	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	21.40	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	23.09	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	21.72	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	23.10	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	21.67	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	23.09	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	21.65	PASS

Band12	1.4MHz	QPSK	23173	3RB#0	23.20	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	22.34	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	23.17	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	22.33	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	23.19	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	21.96	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	22.18	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	21.34	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.92	PASS
Band12	3MHz	16QAM	23025	1RB#0	21.86	PASS
Band12	3MHz	QPSK	23025	1RB#8	22.89	PASS
Band12	3MHz	16QAM	23025	1RB#8	21.86	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.89	PASS
Band12	3MHz	16QAM	23025	1RB#14	21.95	PASS
Band12	3MHz	QPSK	23025	8RB#0	22.07	PASS
Band12	3MHz	16QAM	23025	8RB#0	21.26	PASS
Band12	3MHz	QPSK	23025	8RB#4	22.08	PASS
Band12	3MHz	16QAM	23025	8RB#4	21.39	PASS
Band12	3MHz	QPSK	23025	8RB#7	22.07	PASS
Band12	3MHz	16QAM	23025	8RB#7	21.30	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.97	PASS
Band12	3MHz	16QAM	23025	15RB#0	21.29	PASS
Band12	3MHz	QPSK	23095	1RB#0	23.06	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.80	PASS
Band12	3MHz	QPSK	23095	1RB#8	23.05	PASS
Band12	3MHz	16QAM	23095	1RB#8	22.11	PASS
Band12	3MHz	QPSK	23095	1RB#14	23.20	PASS
Band12	3MHz	16QAM	23095	1RB#14	22.07	PASS
Band12	3MHz	QPSK	23095	8RB#0	21.97	PASS
Band12	3MHz	16QAM	23095	8RB#0	21.48	PASS
Band12	3MHz	QPSK	23095	8RB#4	21.88	PASS
Band12	3MHz	16QAM	23095	8RB#4	21.48	PASS
Band12	3MHz	QPSK	23095	8RB#7	22.02	PASS
Band12	3MHz	16QAM	23095	8RB#7	21.49	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.93	PASS
Band12	3MHz	16QAM	23095	15RB#0	21.09	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.93	PASS
Band12	3MHz	16QAM	23165	1RB#0	22.41	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.91	PASS

Band12	3MHz	16QAM	23165	1RB#8	22.68	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.82	PASS
Band12	3MHz	16QAM	23165	1RB#14	22.65	PASS
Band12	3MHz	QPSK	23165	8RB#0	22.00	PASS
Band12	3MHz	16QAM	23165	8RB#0	21.14	PASS
Band12	3MHz	QPSK	23165	8RB#4	22.02	PASS
Band12	3MHz	16QAM	23165	8RB#4	21.14	PASS
Band12	3MHz	QPSK	23165	8RB#7	21.96	PASS
Band12	3MHz	16QAM	23165	8RB#7	21.09	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.99	PASS
Band12	3MHz	16QAM	23165	15RB#0	21.19	PASS
Band12	5MHz	QPSK	23035	1RB#0	23.06	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.57	PASS
Band12	5MHz	QPSK	23035	1RB#12	23.17	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.47	PASS
Band12	5MHz	QPSK	23035	1RB#24	23.14	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.49	PASS
Band12	5MHz	QPSK	23035	12RB#0	22.13	PASS
Band12	5MHz	16QAM	23035	12RB#0	21.19	PASS
Band12	5MHz	QPSK	23035	12RB#6	22.13	PASS
Band12	5MHz	16QAM	23035	12RB#6	21.18	PASS
Band12	5MHz	QPSK	23035	12RB#13	22.13	PASS
Band12	5MHz	16QAM	23035	12RB#13	21.12	PASS
Band12	5MHz	QPSK	23035	25RB#0	22.11	PASS
Band12	5MHz	16QAM	23035	25RB#0	21.33	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.93	PASS
Band12	5MHz	16QAM	23095	1RB#0	22.26	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.76	PASS
Band12	5MHz	16QAM	23095	1RB#12	22.36	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.73	PASS
Band12	5MHz	16QAM	23095	1RB#24	22.33	PASS
Band12	5MHz	QPSK	23095	12RB#0	22.02	PASS
Band12	5MHz	16QAM	23095	12RB#0	21.13	PASS
Band12	5MHz	QPSK	23095	12RB#6	22.02	PASS
Band12	5MHz	16QAM	23095	12RB#6	21.14	PASS
Band12	5MHz	QPSK	23095	12RB#13	21.93	PASS
Band12	5MHz	16QAM	23095	12RB#13	21.08	PASS
Band12	5MHz	QPSK	23095	25RB#0	22.04	PASS
Band12	5MHz	16QAM	23095	25RB#0	21.24	PASS

Band12	5MHz	QPSK	23155	1RB#0	22.79	PASS
Band12	5MHz	16QAM	23155	1RB#0	21.73	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.76	PASS
Band12	5MHz	16QAM	23155	1RB#12	21.64	PASS
Band12	5MHz	QPSK	23155	1RB#24	22.72	PASS
Band12	5MHz	16QAM	23155	1RB#24	21.67	PASS
Band12	5MHz	QPSK	23155	12RB#0	22.01	PASS
Band12	5MHz	16QAM	23155	12RB#0	20.96	PASS
Band12	5MHz	QPSK	23155	12RB#6	22.02	PASS
Band12	5MHz	16QAM	23155	12RB#6	20.93	PASS
Band12	5MHz	QPSK	23155	12RB#13	22.03	PASS
Band12	5MHz	16QAM	23155	12RB#13	20.96	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.98	PASS
Band12	5MHz	16QAM	23155	25RB#0	21.08	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.83	PASS
Band12	10MHz	16QAM	23060	1RB#0	22.23	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.88	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.33	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.61	PASS
Band12	10MHz	16QAM	23060	1RB#49	22.25	PASS
Band12	10MHz	QPSK	23060	25RB#0	22.13	PASS
Band12	10MHz	16QAM	23060	25RB#0	21.08	PASS
Band12	10MHz	QPSK	23060	25RB#12	22.12	PASS
Band12	10MHz	16QAM	23060	25RB#12	21.08	PASS
Band12	10MHz	QPSK	23060	25RB#25	21.96	PASS
Band12	10MHz	16QAM	23060	25RB#25	21.03	PASS
Band12	10MHz	QPSK	23060	50RB#0	22.01	PASS
Band12	10MHz	16QAM	23060	50RB#0	21.07	PASS
Band12	10MHz	QPSK	23095	1RB#0	23.04	PASS
Band12	10MHz	16QAM	23095	1RB#0	22.06	PASS
Band12	10MHz	QPSK	23095	1RB#24	23.16	PASS
Band12	10MHz	16QAM	23095	1RB#24	21.58	PASS
Band12	10MHz	QPSK	23095	1RB#49	22.84	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.41	PASS
Band12	10MHz	QPSK	23095	25RB#0	22.04	PASS
Band12	10MHz	16QAM	23095	25RB#0	21.30	PASS
Band12	10MHz	QPSK	23095	25RB#12	22.16	PASS
Band12	10MHz	16QAM	23095	25RB#12	21.29	PASS
Band12	10MHz	QPSK	23095	25RB#25	21.97	PASS

Band12	10MHz	16QAM	23095	25RB#25	21.22	PASS
Band12	10MHz	QPSK	23095	50RB#0	22.04	PASS
Band12	10MHz	16QAM	23095	50RB#0	21.24	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.84	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.86	PASS
Band12	10MHz	QPSK	23130	1RB#24	22.91	PASS
Band12	10MHz	16QAM	23130	1RB#24	22.82	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.82	PASS
Band12	10MHz	16QAM	23130	1RB#49	22.70	PASS
Band12	10MHz	QPSK	23130	25RB#0	22.05	PASS
Band12	10MHz	16QAM	23130	25RB#0	21.29	PASS
Band12	10MHz	QPSK	23130	25RB#12	22.05	PASS
Band12	10MHz	16QAM	23130	25RB#12	21.17	PASS
Band12	10MHz	QPSK	23130	25RB#25	21.96	PASS
Band12	10MHz	16QAM	23130	25RB#25	21.29	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.97	PASS
Band12	10MHz	16QAM	23130	50RB#0	21.15	PASS

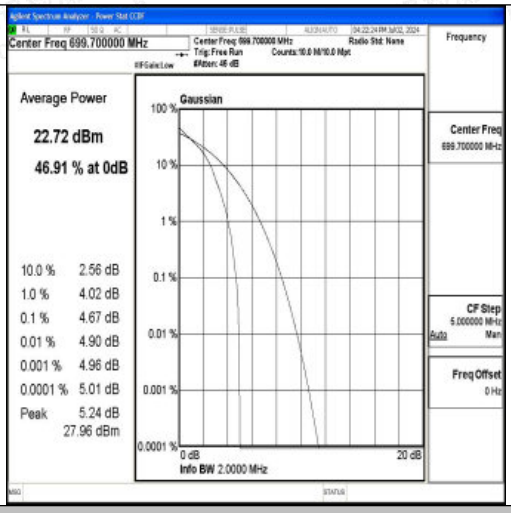
L.2 Peak-to-Average Ratio(CCDF)

Test Result

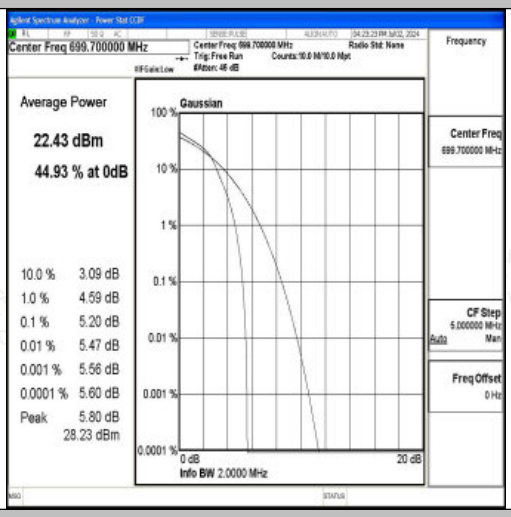
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	4.67	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.20	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.48	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.25	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.82	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.38	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.57	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.32	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	4.22	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	4.74	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.97	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.70	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	4.83	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	5.68	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.52	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.32	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.91	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.75	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.58	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.38	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	4.46	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.30	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.15	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.89	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	4.88	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.75	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.66	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.32	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.96	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.85	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.62	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.30	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	4.81	13	PASS

Band12	5MHz	16QAM	23155	1RB#0	5.64	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.39	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.07	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	4.85	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	5.81	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.69	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.41	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.97	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.74	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.64	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.32	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.94	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.70	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.49	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.21	13	PASS

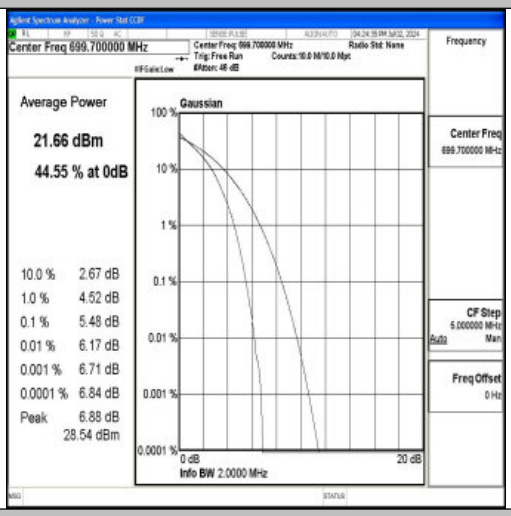
Test Graphs



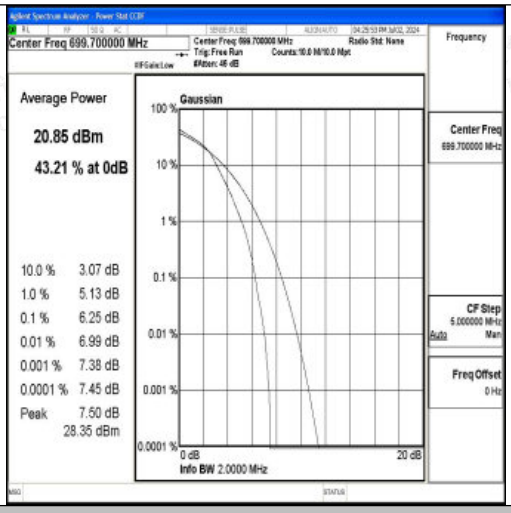
Band12-1.4MHz-QPSK-23017-1RB#0-PASS



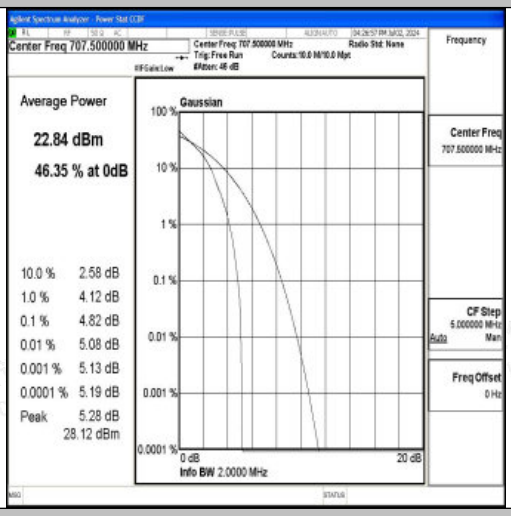
Band12-1.4MHz-16QAM-23017-1RB#0-PASS



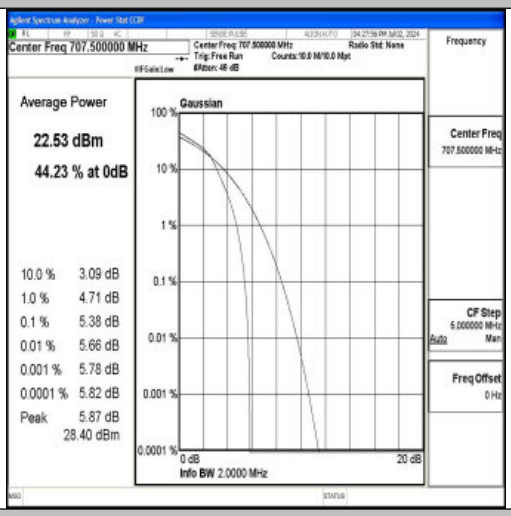
Band12-1.4MHz-QPSK-23017-6RB#0-PASS



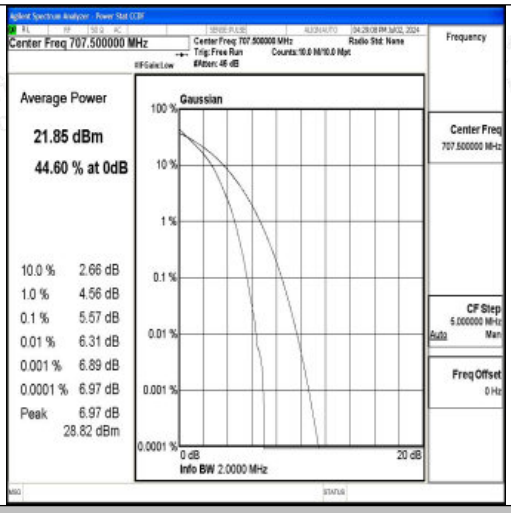
Band12-1.4MHz-16QAM-23017-6RB#0-PASS



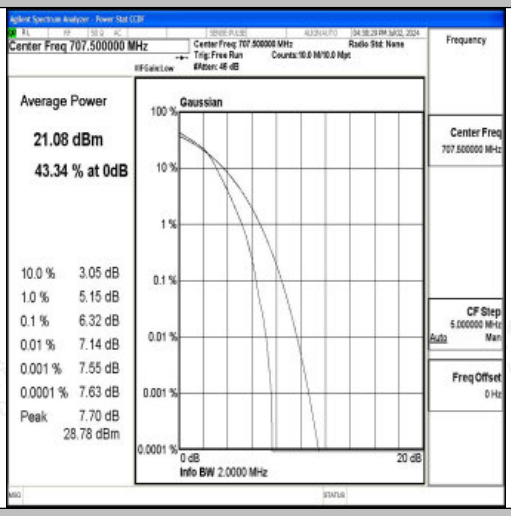
Band12-1.4MHz-QPSK-23095-1RB#0-PASS



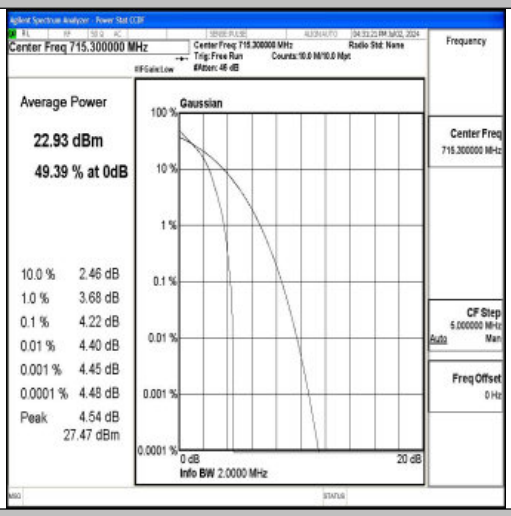
Band12-1.4MHz-16QAM-23095-1RB#0-PASS



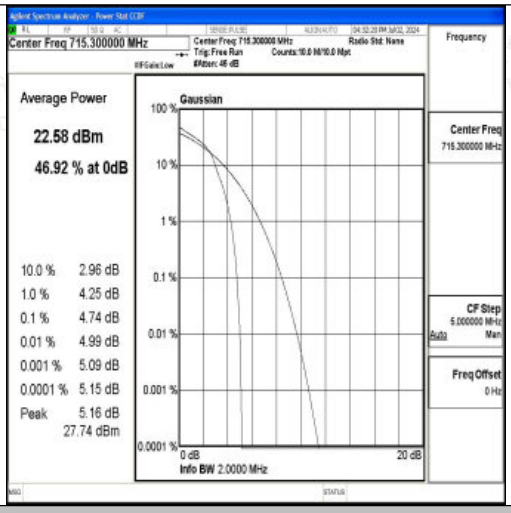
Band12-1.4MHz-QPSK-23095-6RB#0-PASS



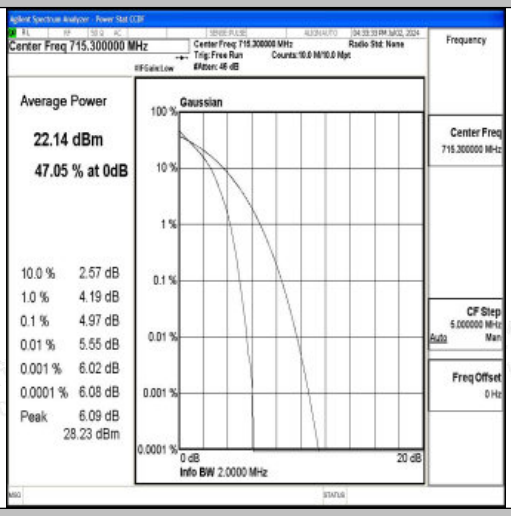
Band12-1.4MHz-16QAM-23095-6RB#0-PASS



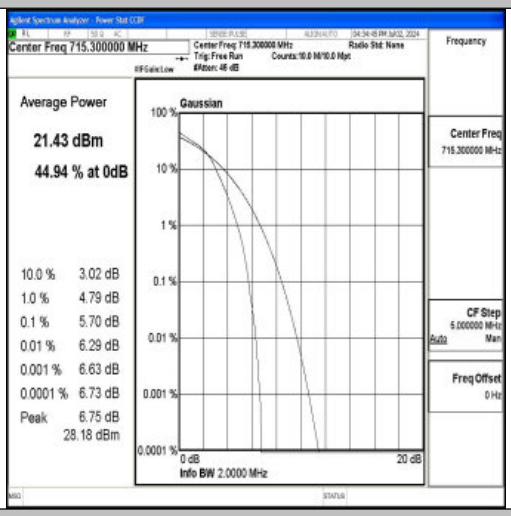
Band12-1.4MHz-QPSK-23173-1RB#0-PASS



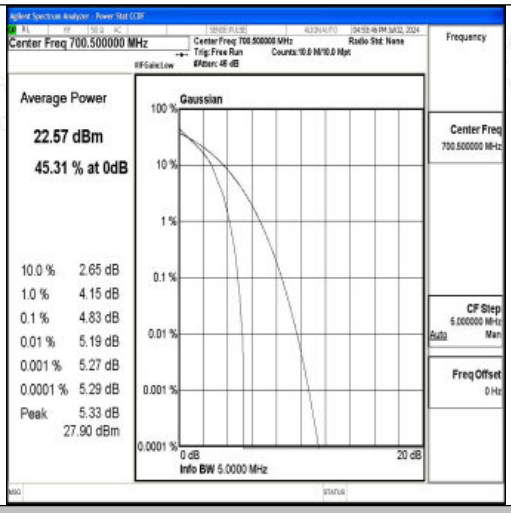
Band12-1.4MHz-16QAM-23173-1RB#0-PASS



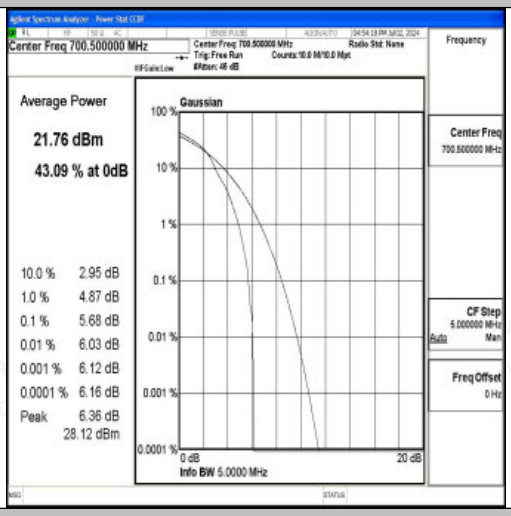
Band12-1.4MHz-QPSK-23173-6RB#0-PASS



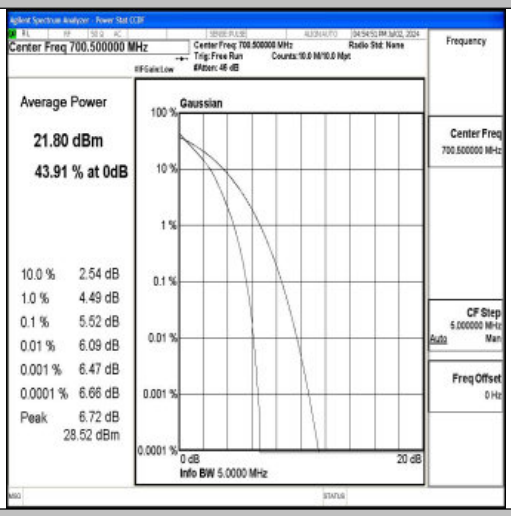
Band12-1.4MHz-16QAM-23173-6RB#0-PASS



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



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



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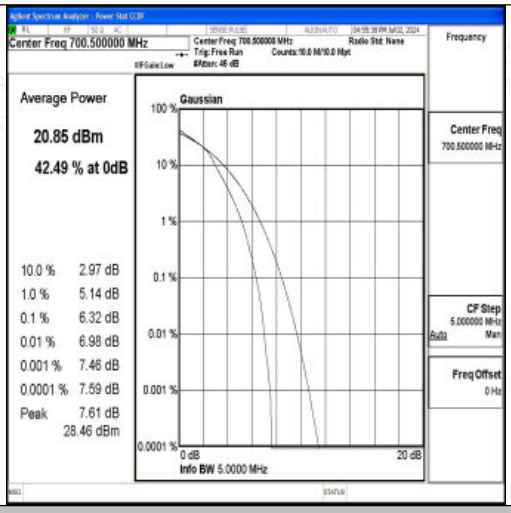

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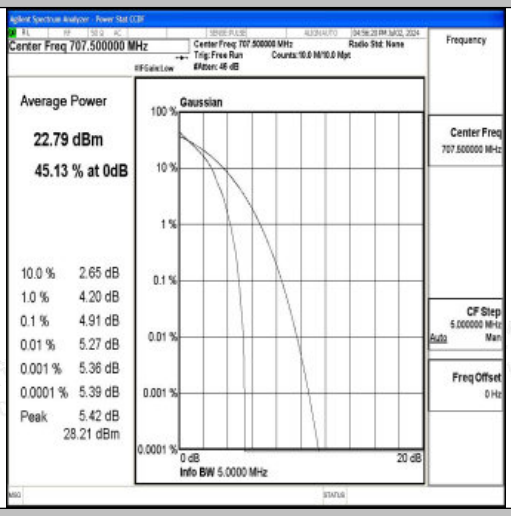
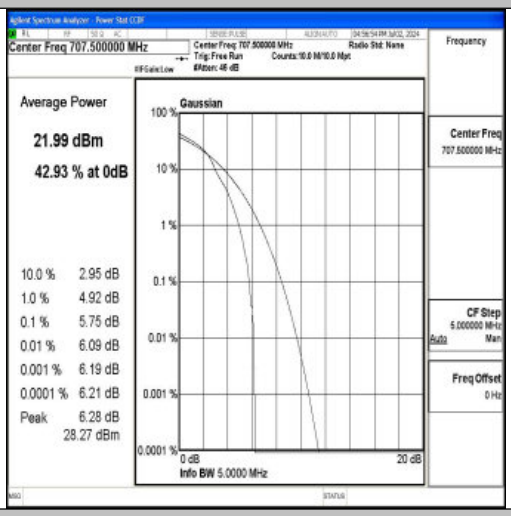


Band12-3MHz-QPSK-23095-1RB#0-PASS



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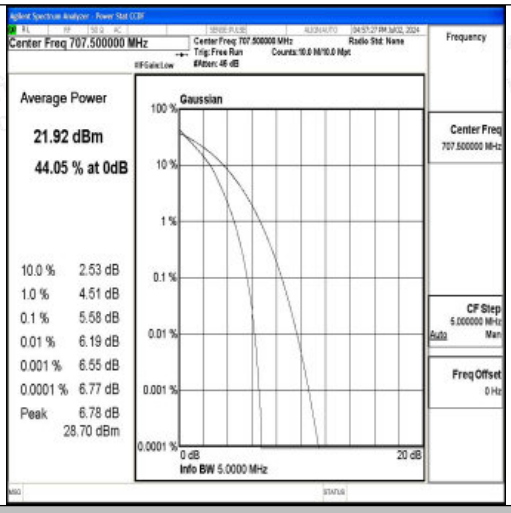

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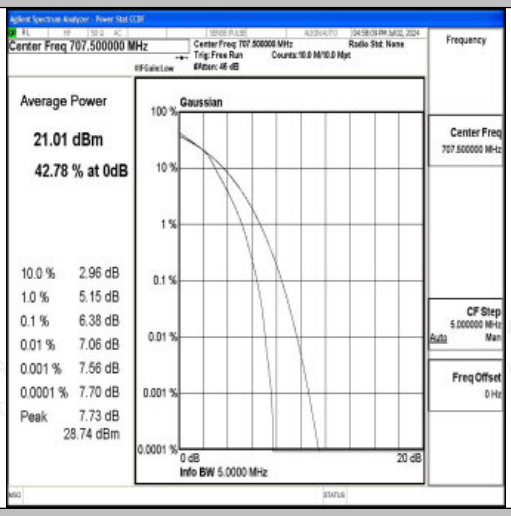
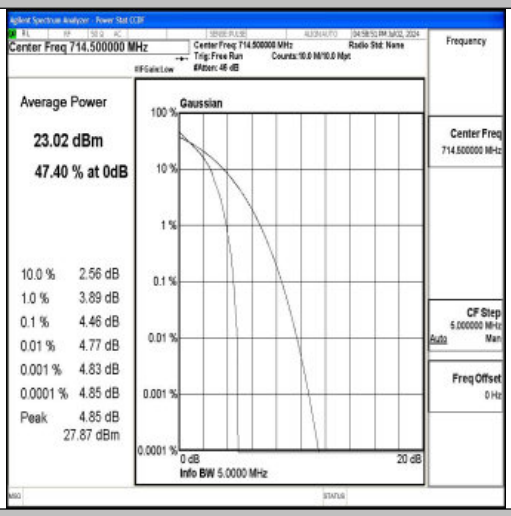
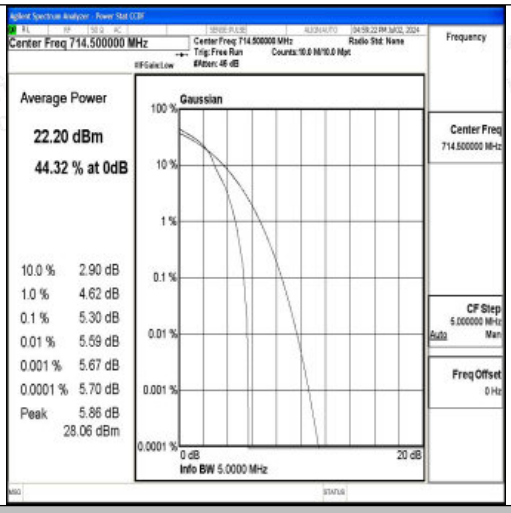


Band12-3MHz-16QAM-23095-15RB#0-PASS



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



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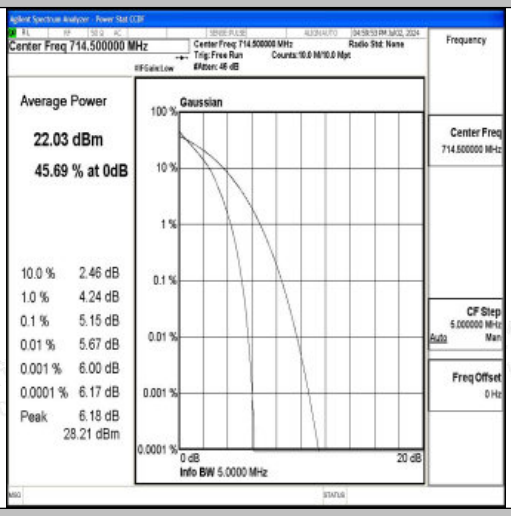

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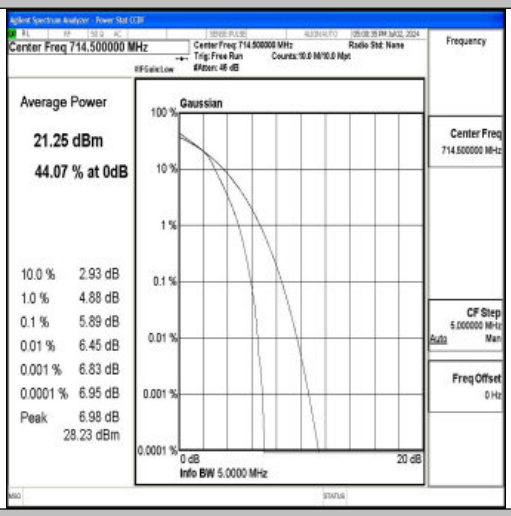

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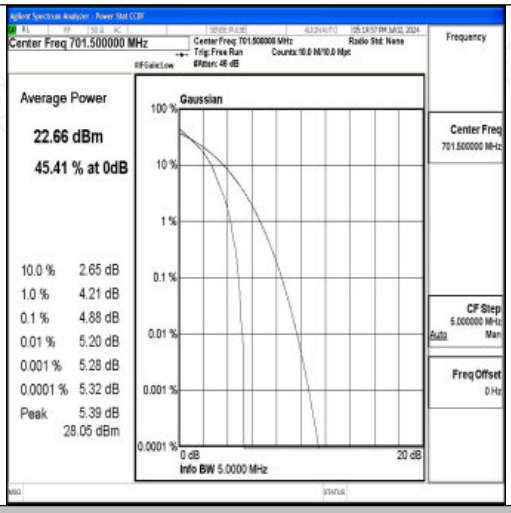

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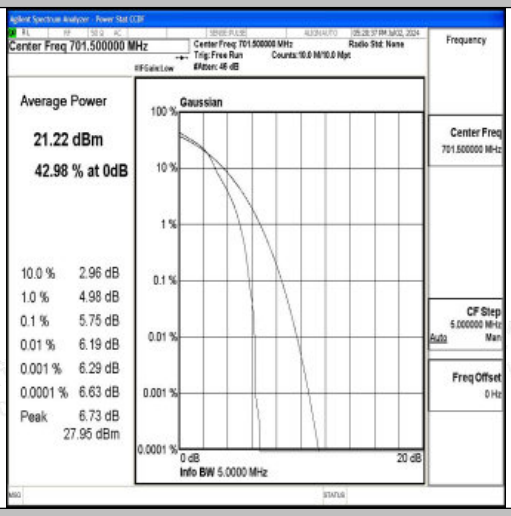

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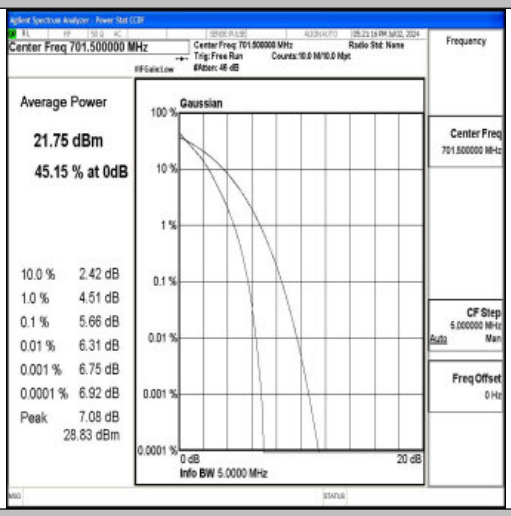

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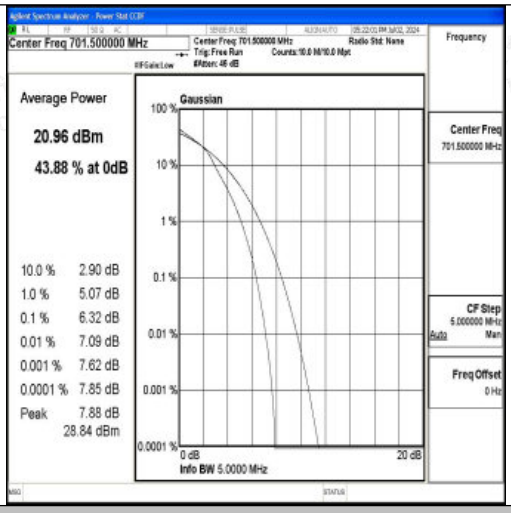

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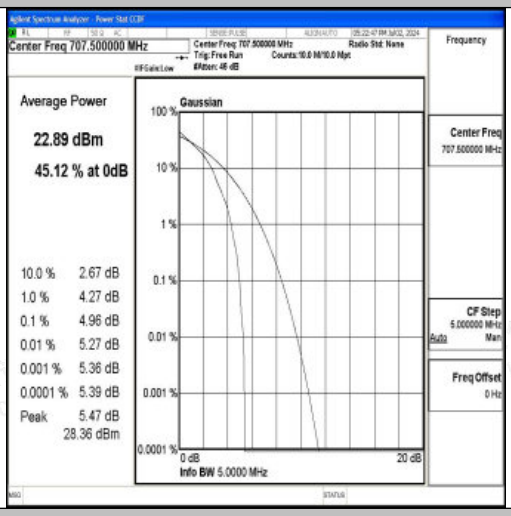

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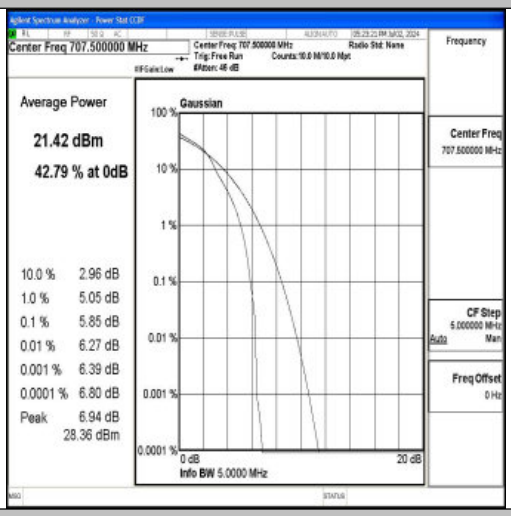

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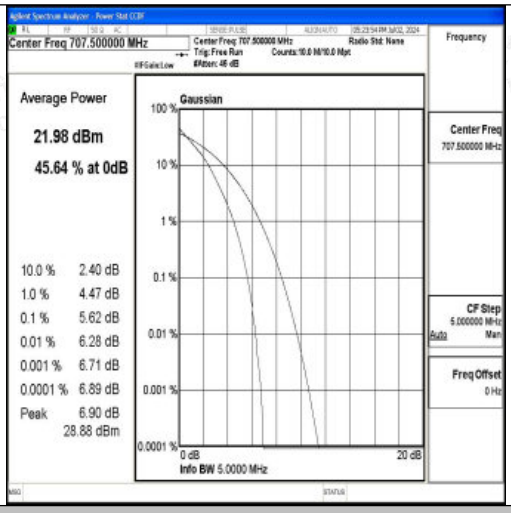

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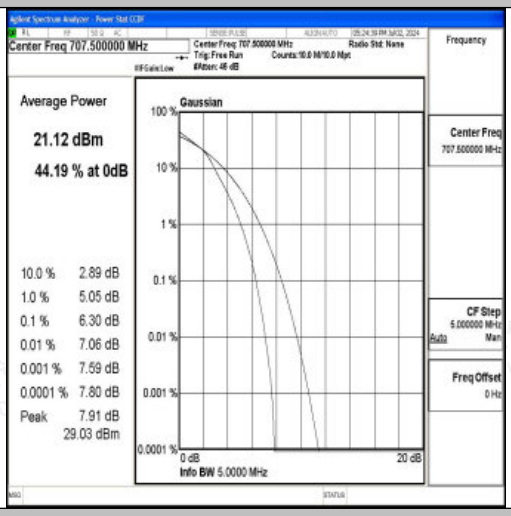

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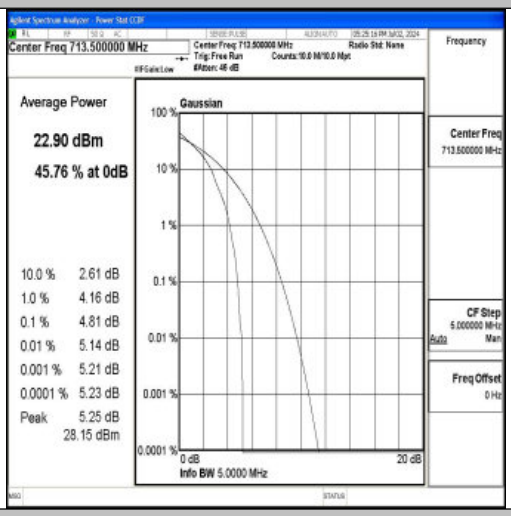
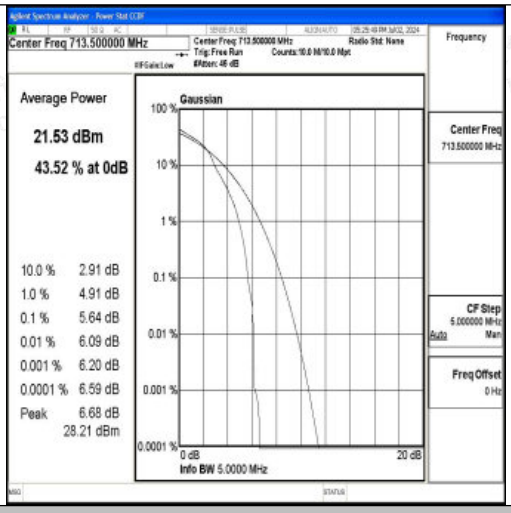


Band12-5MHz-QPSK-23155-1RB#0-PASS



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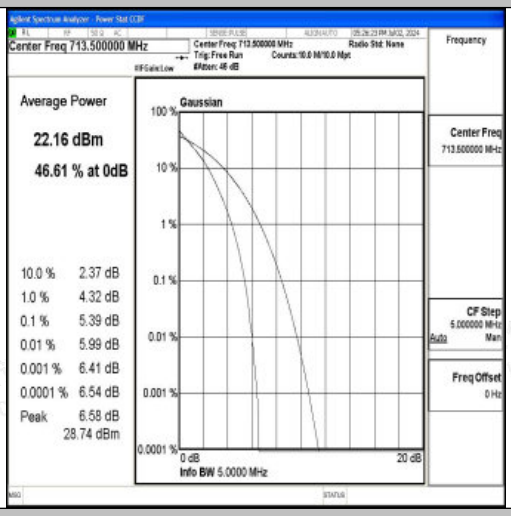

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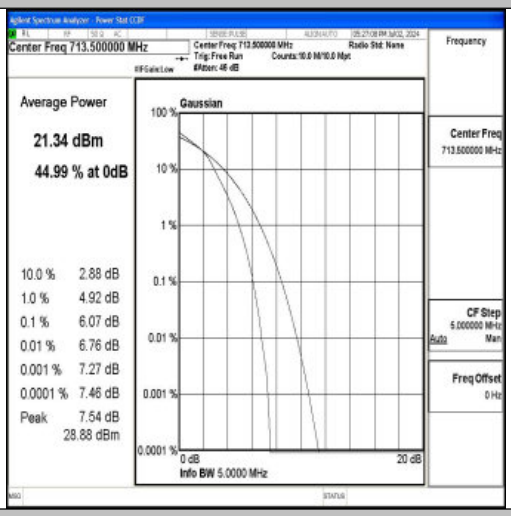

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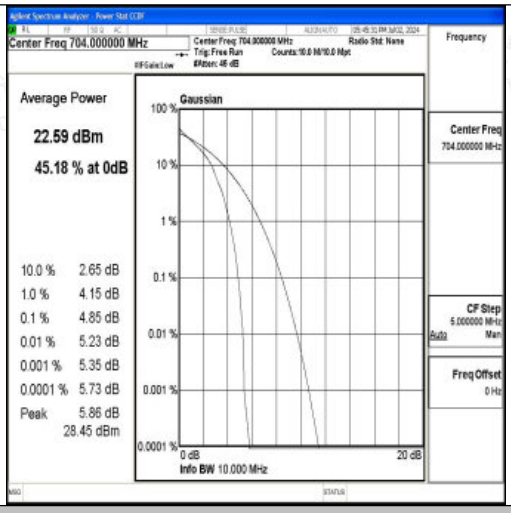
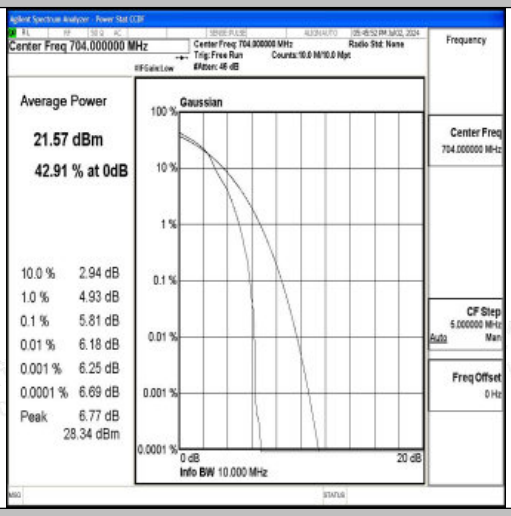


Band12-10MHz-QPSK-23060-1RB#0-PASS



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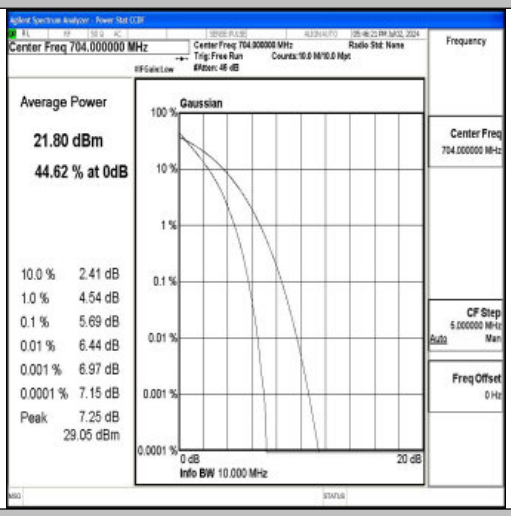

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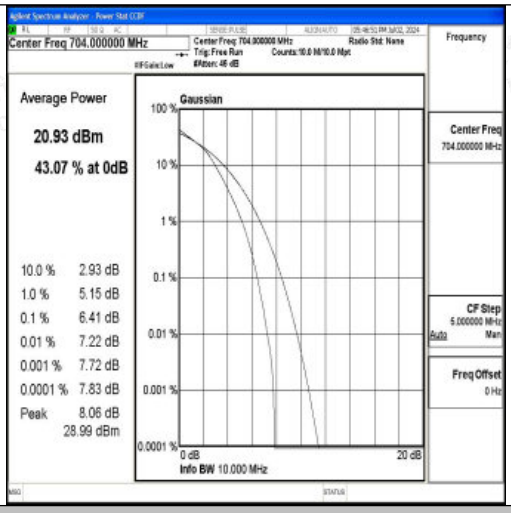

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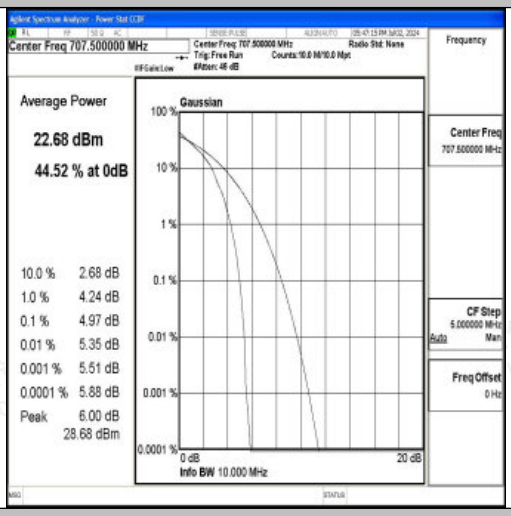
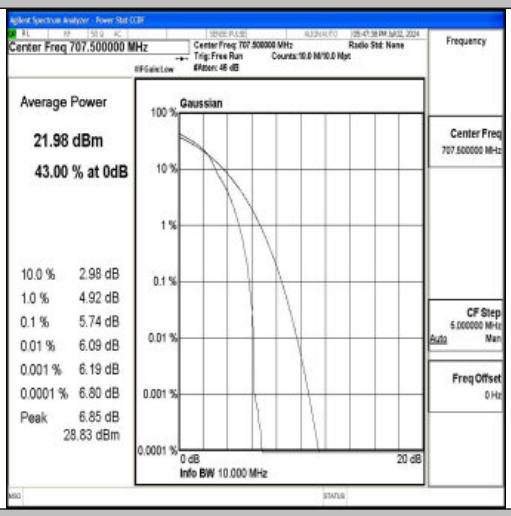


Band12-10MHz-QPSK-23095-1RB#0-PASS



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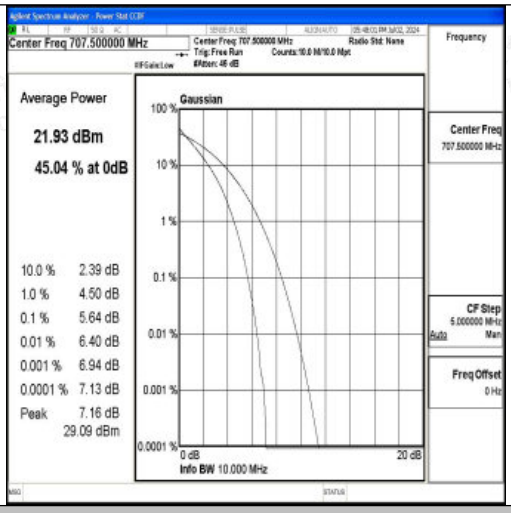

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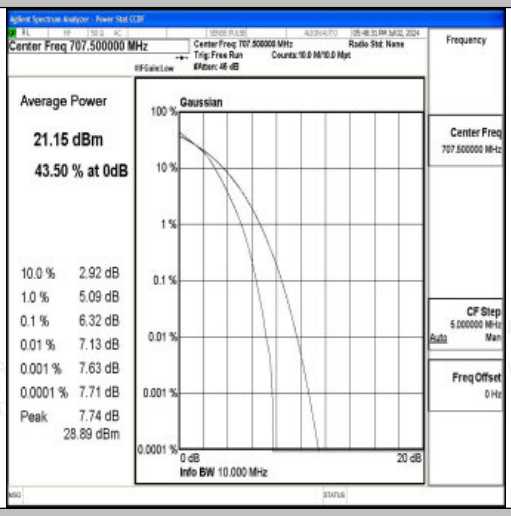

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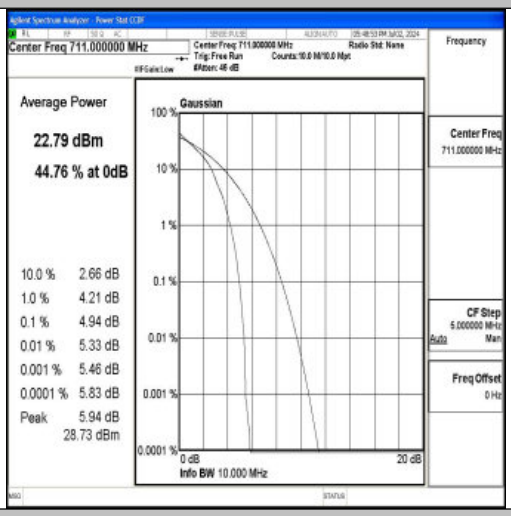
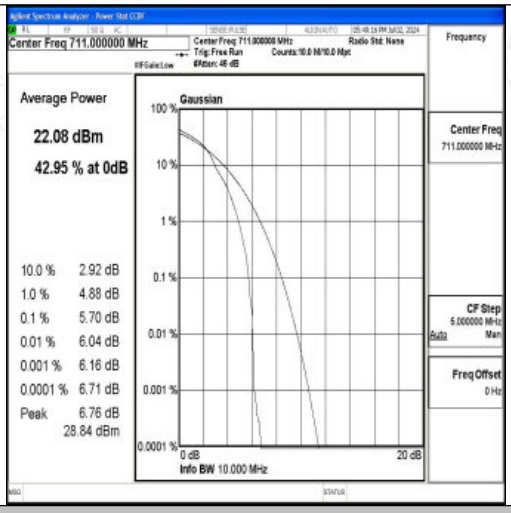
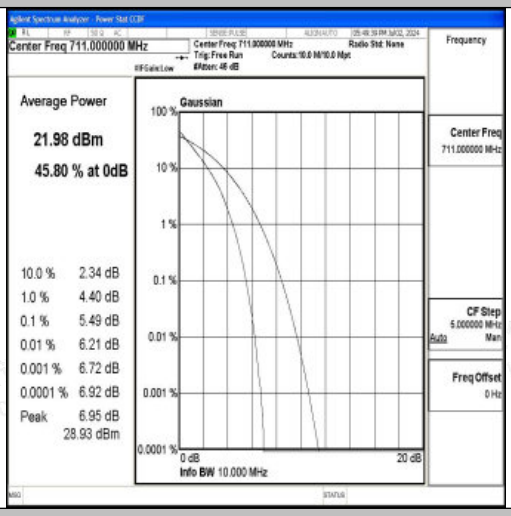


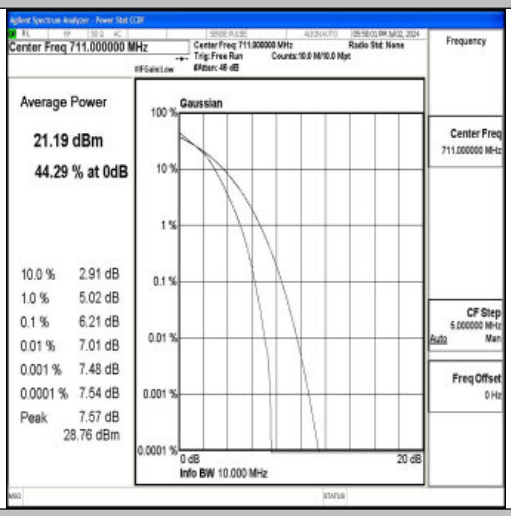
Band12-10MHz-QPSK-23130-1RB#0-PASS



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



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



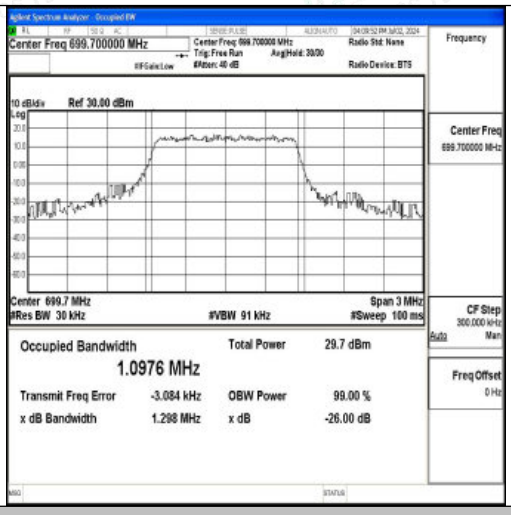
Band12-10MHz-16QAM-23130-50RB#0-PASS

L.3 26dB Bandwidth and Occupied Bandwidth

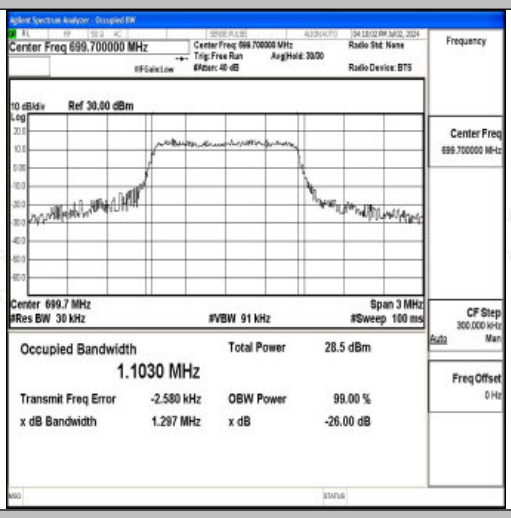
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0976	1.298	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.1030	1.297	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0964	1.301	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.1053	1.293	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0950	1.264	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.1042	1.274	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.7208	3.061	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6989	3.106	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.7112	3.133	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6990	3.101	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7181	3.207	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.7072	3.078	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.5242	5.302	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5202	5.322	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5263	5.225	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5234	5.264	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5085	5.323	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5195	5.227	PASS
Band12	10MHz	QPSK	23060	50RB#0	9.0176	10.20	PASS
Band12	10MHz	16QAM	23060	50RB#0	9.0089	10.06	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.0005	10.07	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9961	10.08	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9741	10.17	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9775	10.13	PASS

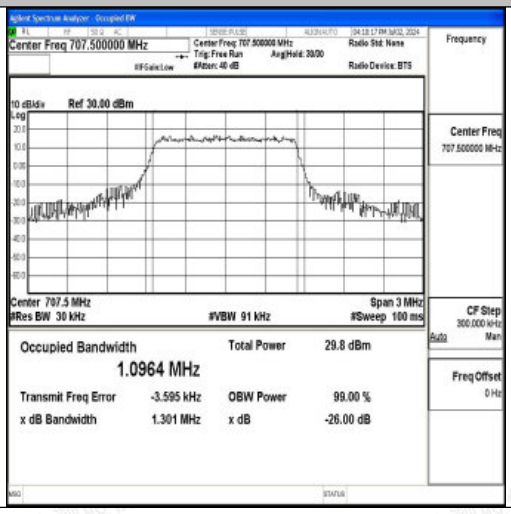
Test Graphs



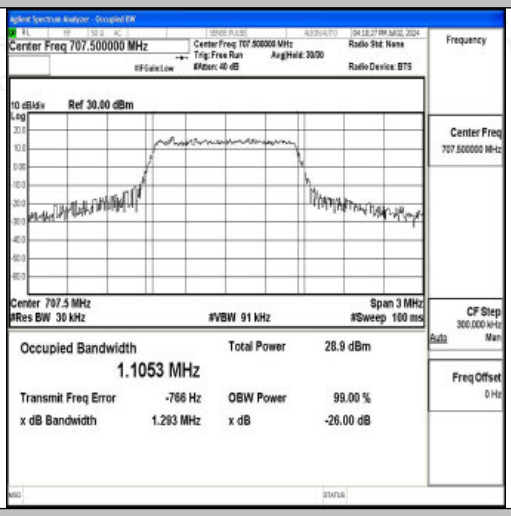
Band12-1.4MHz-QPSK-23017-6RB#0-PASS



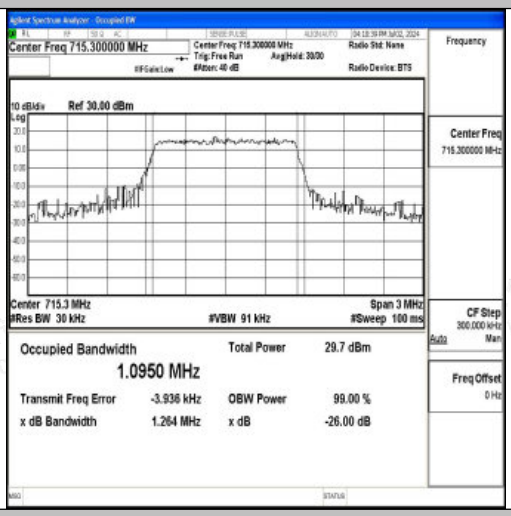
Band12-1.4MHz-16QAM-23017-6RB#0-PASS



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



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



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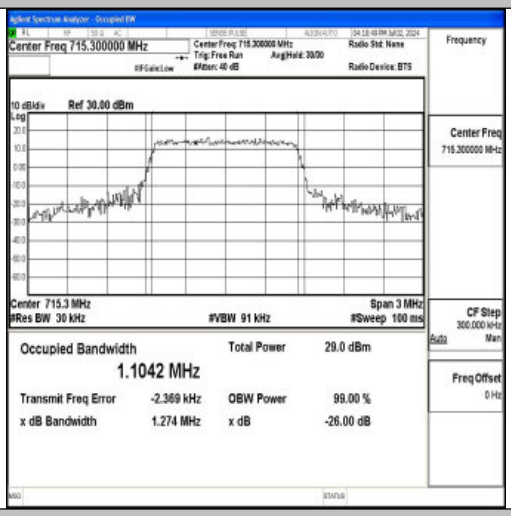
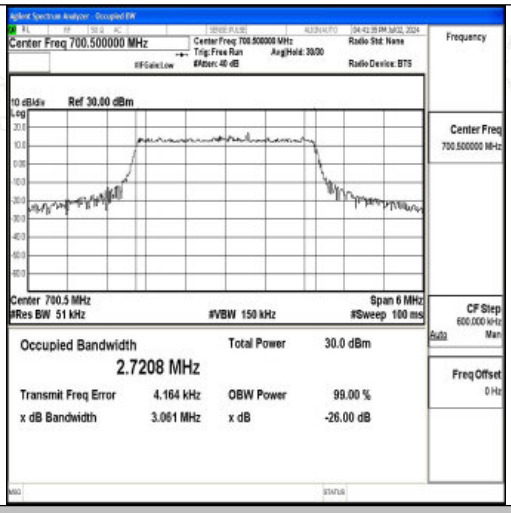
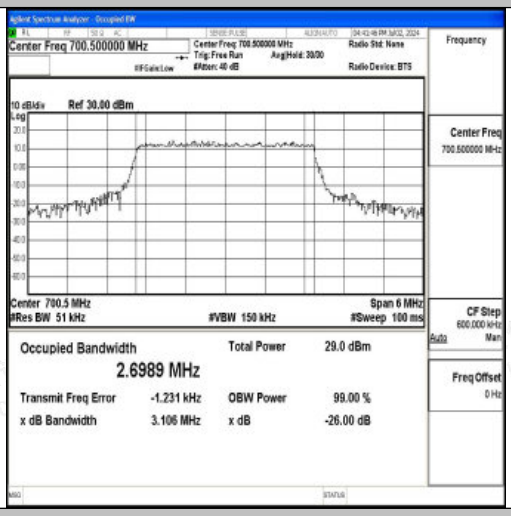


Band12-1.4MHz-16QAM-23173-6RB#0-PASS



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



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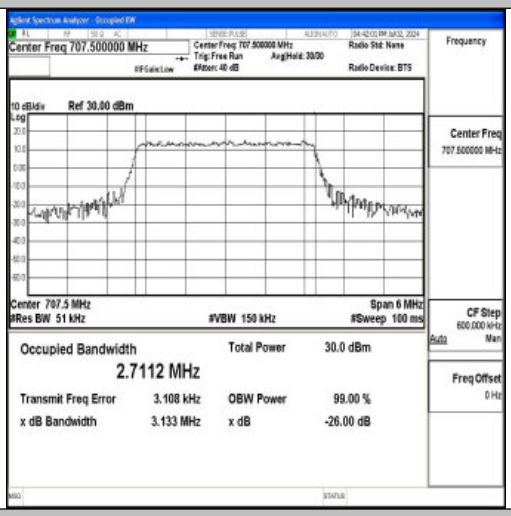

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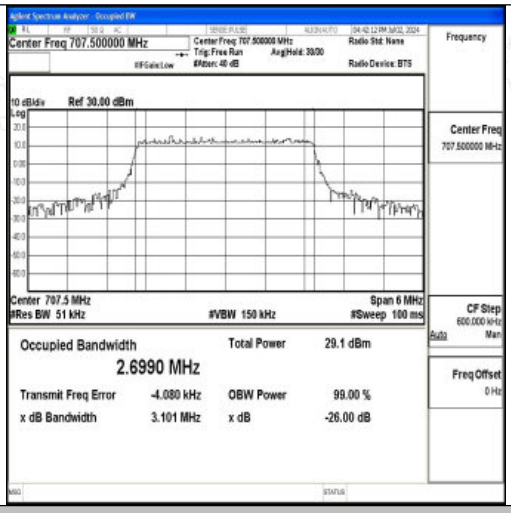
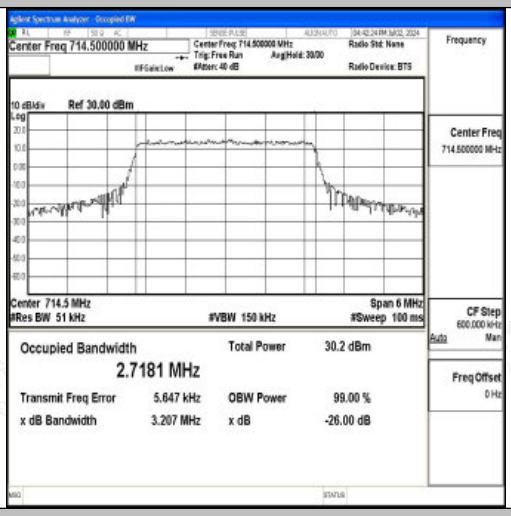
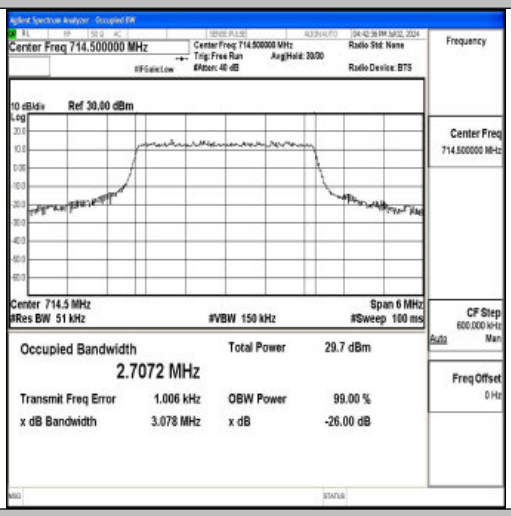


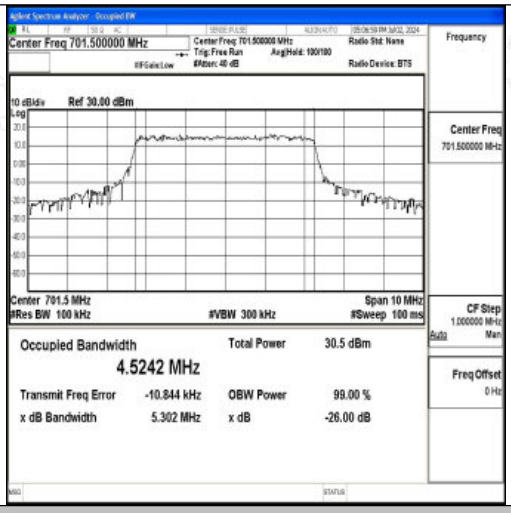
Band12-3MHz-16QAM-23095-15RB#0-PASS



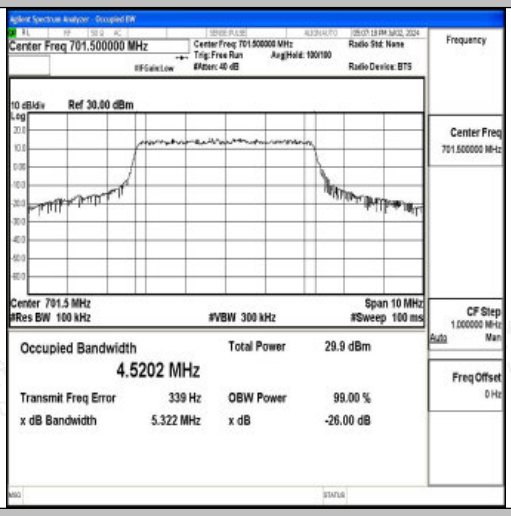
Band12-3MHz-QPSK-23165-15RB#0-PASS



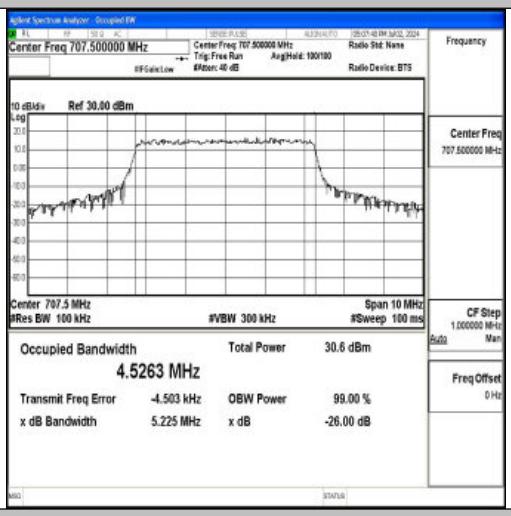
Band12-3MHz-16QAM-23165-15RB#0-PASS



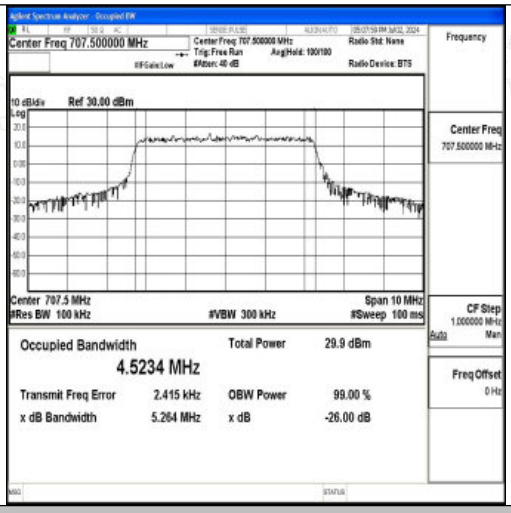
Band12-5MHz-QPSK-23035-25RB#0-PASS



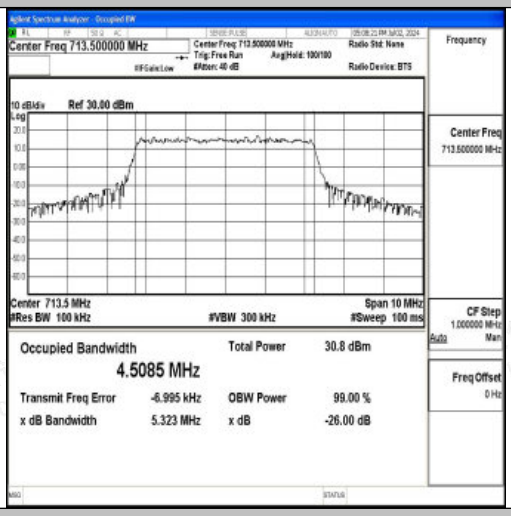
Band12-5MHz-16QAM-23035-25RB#0-PASS



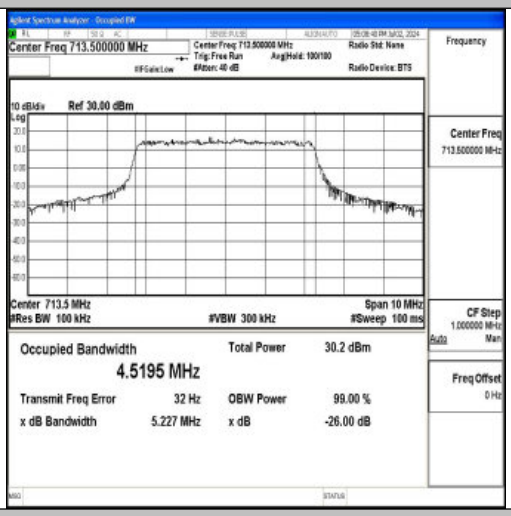
Band12-5MHz-QPSK-23095-25RB#0-PASS



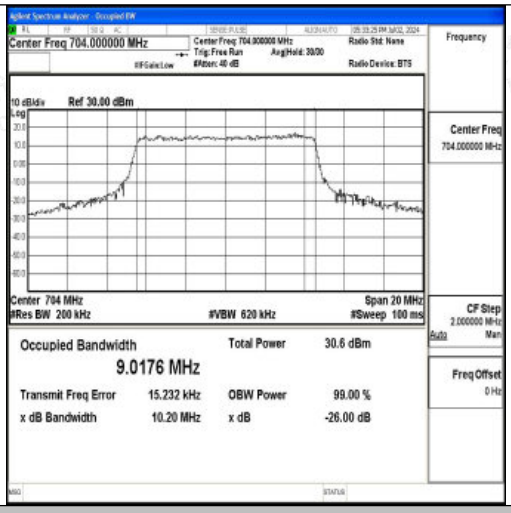
Band12-5MHz-16QAM-23095-25RB#0-PASS



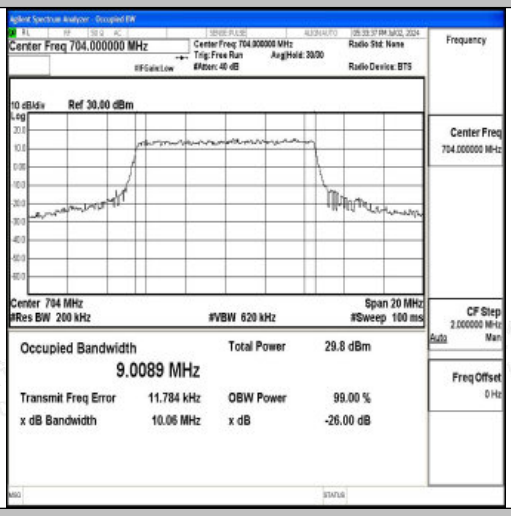
Band12-5MHz-QPSK-23155-25RB#0-PASS



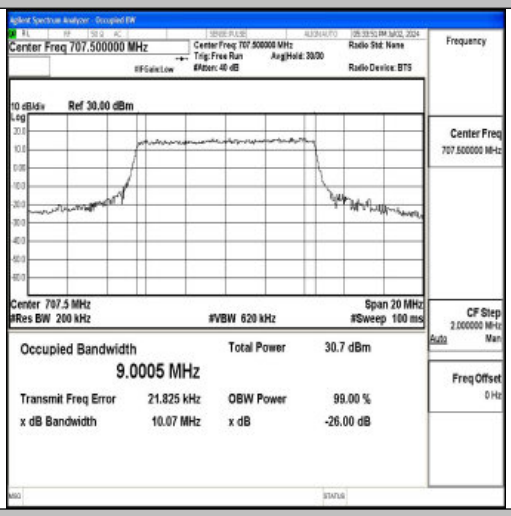
Band12-5MHz-16QAM-23155-25RB#0-PASS



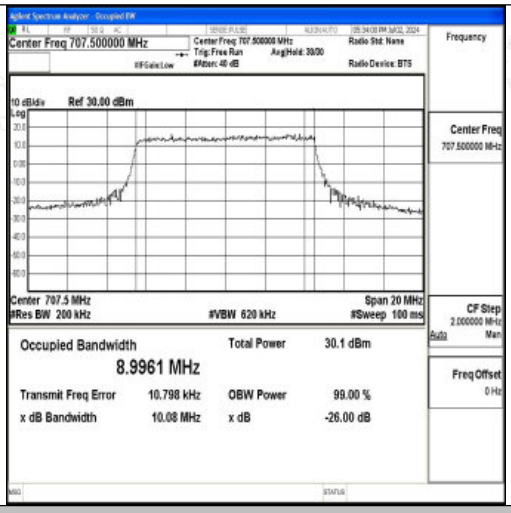
Band12-10MHz-QPSK-23060-50RB#0-PASS



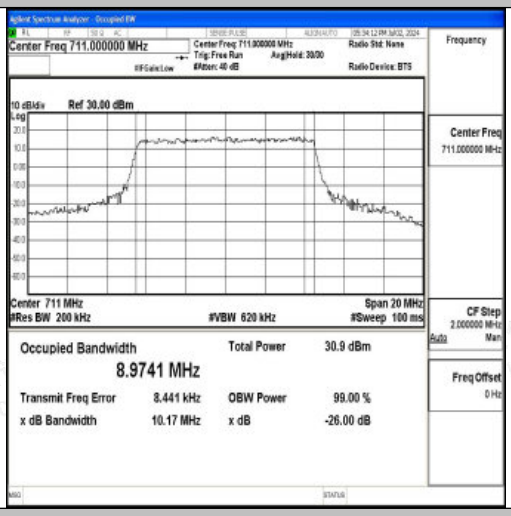
Band12-10MHz-16QAM-23060-50RB#0-PASS



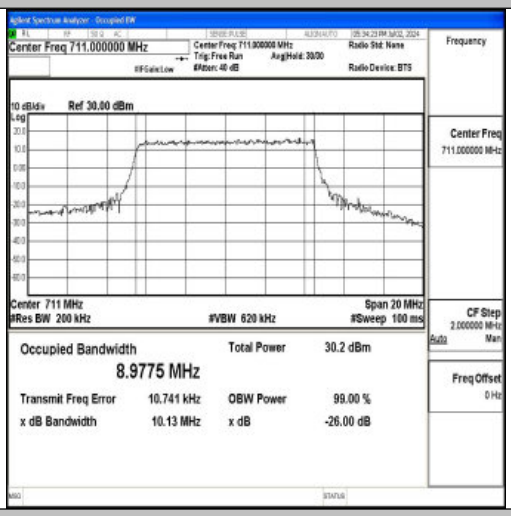
Band12-10MHz-QPSK-23095-50RB#0-PASS



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



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



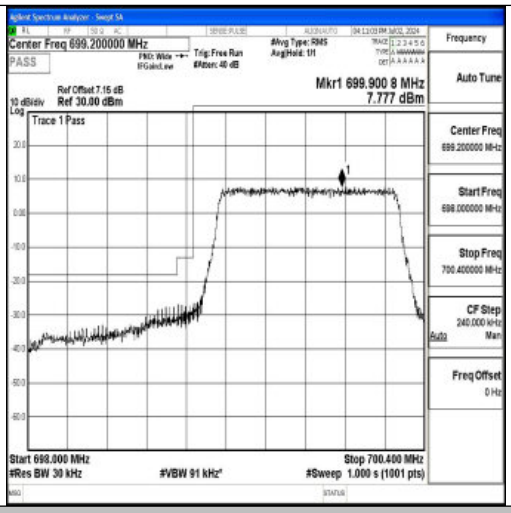
Band12-10MHz-16QAM-23130-50RB#0-PASS

L.4 Band Edge

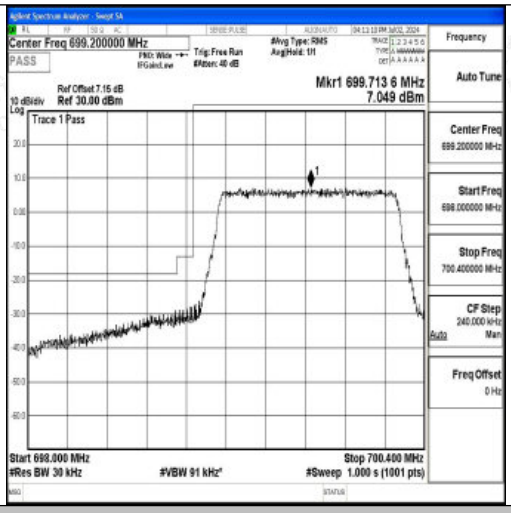
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Peak Frenquency	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	698.86	-27.63	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	698.90	-29.08	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	716.16	-28.24	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	716.13	-28.58	PASS
Band12	3MHz	QPSK	23025	15RB#0	699.00	-25.01	PASS
Band12	3MHz	16QAM	23025	15RB#0	699.00	-25.30	PASS
Band12	3MHz	QPSK	23165	15RB#0	716.02	-25.01	PASS
Band12	3MHz	16QAM	23165	15RB#0	716.00	-24.51	PASS
Band12	5MHz	QPSK	23035	25RB#0	698.83	-33.59	PASS
Band12	5MHz	16QAM	23035	25RB#0	698.89	-34.40	PASS
Band12	5MHz	QPSK	23155	25RB#0	716.11	-36.63	PASS
Band12	5MHz	16QAM	23155	25RB#0	716.11	-34.27	PASS
Band12	10MHz	QPSK	23060	50RB#0	698.89	-36.78	PASS
Band12	10MHz	16QAM	23060	50RB#0	698.88	-37.68	PASS
Band12	10MHz	QPSK	23130	50RB#0	716.18	-40.02	PASS
Band12	10MHz	16QAM	23130	50RB#0	716.16	-40.61	PASS

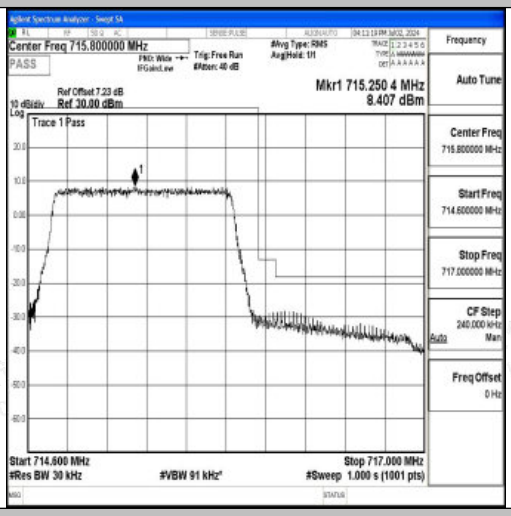
Test Graphs



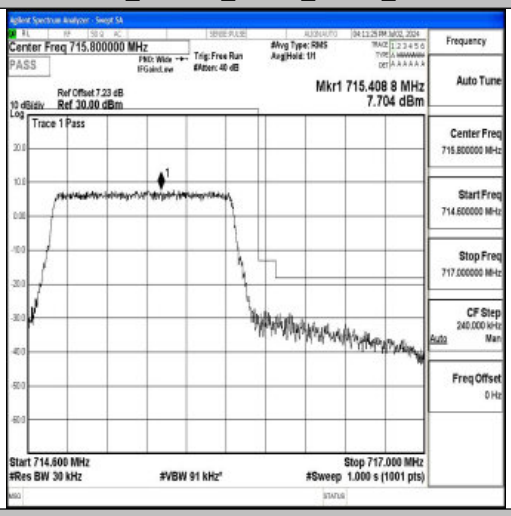
Band12_1.4MHz_QPSK_23017_6RB#0



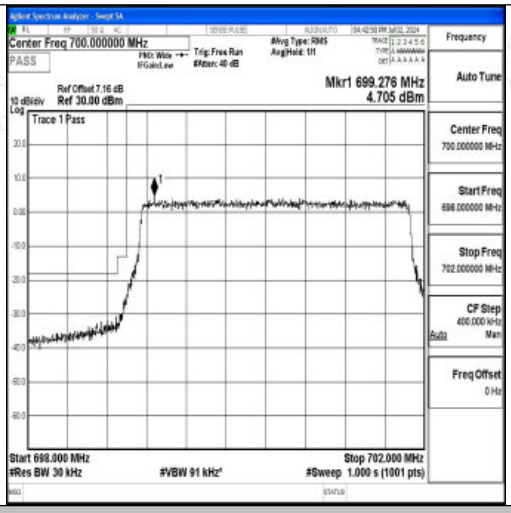
Band12_1.4MHz_16QAM_23017_6RB#0



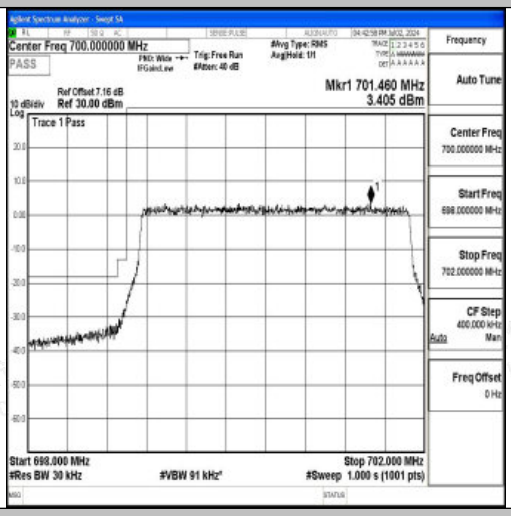
Band12_1.4MHz_QPSK_23173_6RB#0



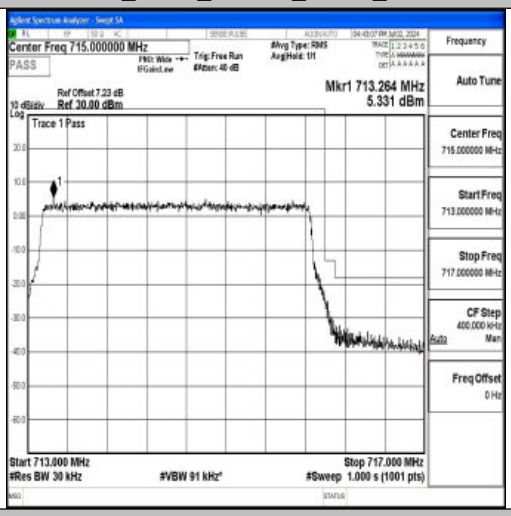
Band12_1.4MHz_16QAM_23173_6RB#0



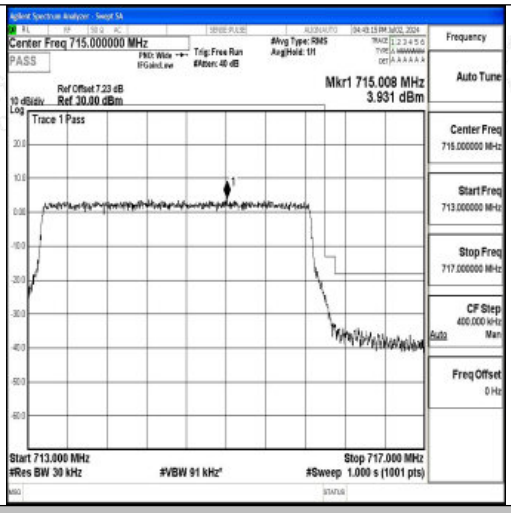
Band12_3MHz_QPSK_23025_15RB#0



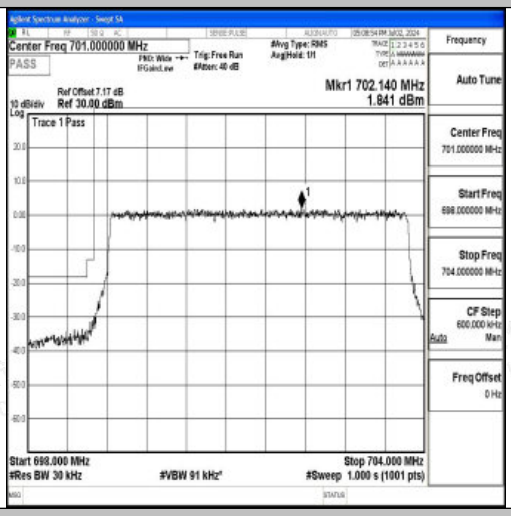
Band12_3MHz_16QAM_23025_15RB#0



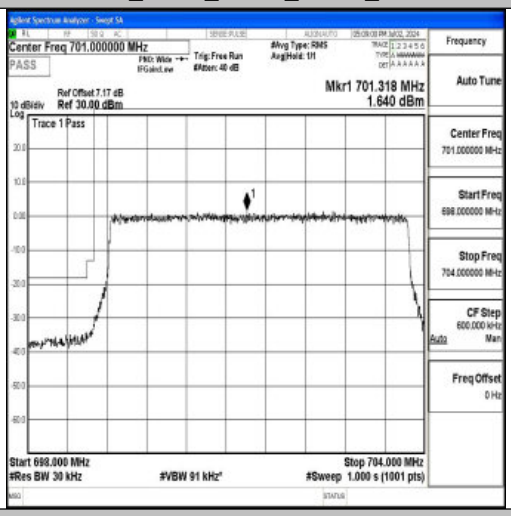
Band12_3MHz_QPSK_23165_15RB#0



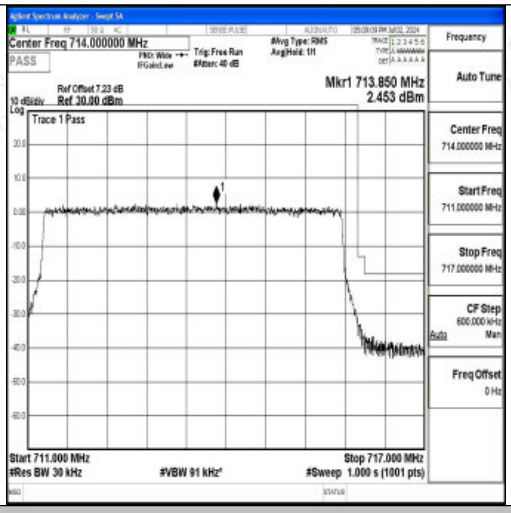
Band12_3MHz_16QAM_23165_15RB#0



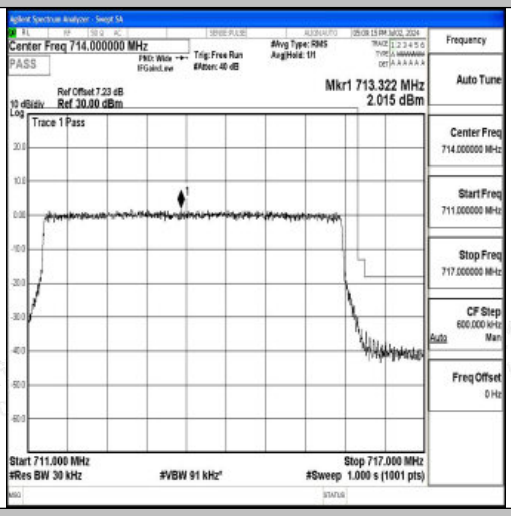
Band12_5MHz_QPSK_23035_25RB#0



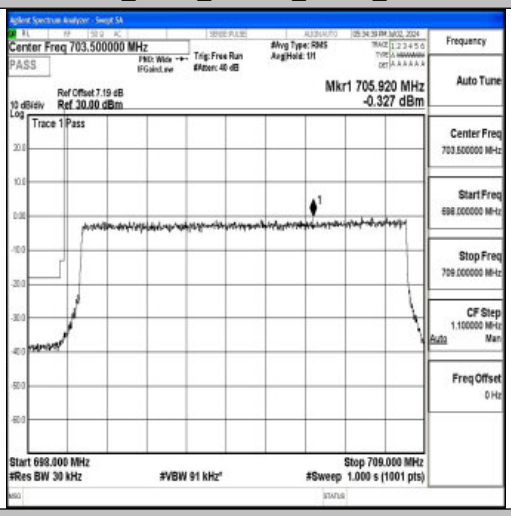
Band12_5MHz_16QAM_23035_25RB#0



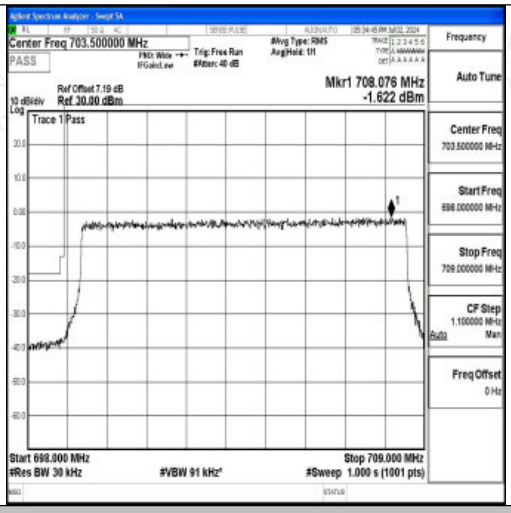
Band12_5MHz_QPSK_23155_25RB#0



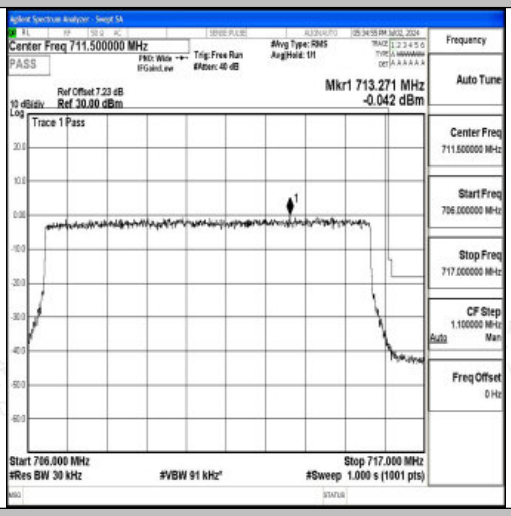
Band12_5MHz_16QAM_23155_25RB#0



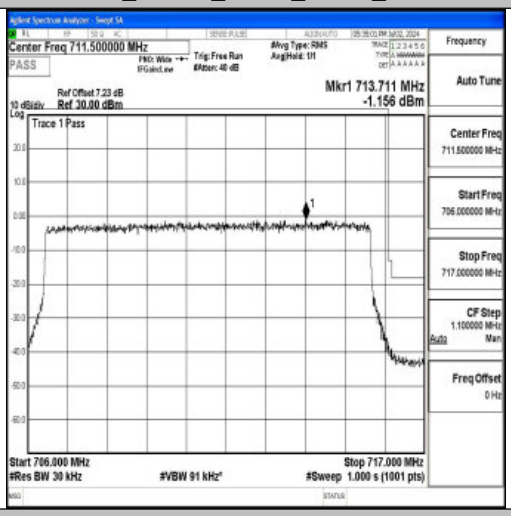
Band12_10MHz_QPSK_23060_50RB#0



Band12_10MHz_16QAM_23060_50RB#0



Band12_10MHz_QPSK_23130_50RB#0



Band12_10MHz_16QAM_23130_50RB#0

L.5 Conducted Spurious Emission

Test Result

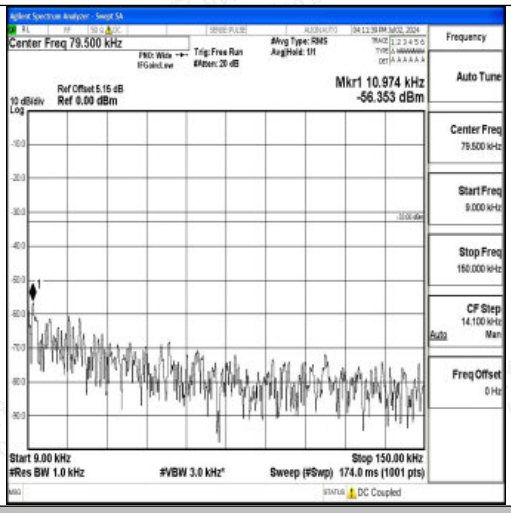
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	0.009~0.15	-56.35	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	0.15~30	-51.19	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	30~1000	-47.37	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	1000~3000	-30.30	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	3000~10000	-42.27	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.009~0.15	-55.03	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	0.15~30	-52.55	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	30~1000	-43.19	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	1000~3000	-29.62	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	3000~10000	-41.70	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.009~0.15	-59.18	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	0.15~30	-51.96	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	30~1000	-43.98	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	1000~3000	-28.86	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3000~10000	-43.80	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.009~0.15	-54.91	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	0.15~30	-50.95	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	30~1000	-41.59	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	1000~3000	-26.97	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	3000~10000	-43.90	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.009~0.15	-58.65	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	0.15~30	-52.43	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	30~1000	-48.61	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	1000~3000	-29.84	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3000~10000	-43.90	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.009~0.15	-57.64	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	0.15~30	-51.72	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	30~1000	-43.63	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	1000~3000	-28.65	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	3000~10000	-43.91	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.009~0.15	-58.45	PASS
Band12	3MHz	QPSK	23025	1RB#0	0.15~30	-55.11	PASS
Band12	3MHz	QPSK	23025	1RB#0	30~1000	-50.91	PASS

Band12	3MHz	QPSK	23025	1RB#0	1000~3000	-29.39	PASS
Band12	3MHz	QPSK	23025	1RB#0	3000~10000	-40.94	PASS
Band12	3MHz	16QAM	23025	1RB#0	0.009~0.15	-57.73	PASS
Band12	3MHz	16QAM	23025	1RB#0	0.15~30	-53.72	PASS
Band12	3MHz	16QAM	23025	1RB#0	30~1000	-47.29	PASS
Band12	3MHz	16QAM	23025	1RB#0	1000~3000	-29.73	PASS
Band12	3MHz	16QAM	23025	1RB#0	3000~10000	-40.71	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.009~0.15	-51.48	PASS
Band12	3MHz	QPSK	23095	1RB#0	0.15~30	-50.03	PASS
Band12	3MHz	QPSK	23095	1RB#0	30~1000	-48.91	PASS
Band12	3MHz	QPSK	23095	1RB#0	1000~3000	-30.21	PASS
Band12	3MHz	QPSK	23095	1RB#0	3000~10000	-44.01	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.009~0.15	-58.52	PASS
Band12	3MHz	16QAM	23095	1RB#0	0.15~30	-52.25	PASS
Band12	3MHz	16QAM	23095	1RB#0	30~1000	-51.51	PASS
Band12	3MHz	16QAM	23095	1RB#0	1000~3000	-29.57	PASS
Band12	3MHz	16QAM	23095	1RB#0	3000~10000	-43.73	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.009~0.15	-56.95	PASS
Band12	3MHz	QPSK	23165	1RB#0	0.15~30	-52.62	PASS
Band12	3MHz	QPSK	23165	1RB#0	30~1000	-52.57	PASS
Band12	3MHz	QPSK	23165	1RB#0	1000~3000	-30.76	PASS
Band12	3MHz	QPSK	23165	1RB#0	3000~10000	-43.86	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.009~0.15	-56.73	PASS
Band12	3MHz	16QAM	23165	1RB#0	0.15~30	-52.92	PASS
Band12	3MHz	16QAM	23165	1RB#0	30~1000	-51.76	PASS
Band12	3MHz	16QAM	23165	1RB#0	1000~3000	-31.30	PASS
Band12	3MHz	16QAM	23165	1RB#0	3000~10000	-43.98	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.009~0.15	-54.47	PASS
Band12	5MHz	QPSK	23035	1RB#0	0.15~30	-51.71	PASS
Band12	5MHz	QPSK	23035	1RB#0	30~1000	-59.58	PASS
Band12	5MHz	QPSK	23035	1RB#0	1000~3000	-29.12	PASS
Band12	5MHz	QPSK	23035	1RB#0	3000~10000	-40.27	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.009~0.15	-57.68	PASS
Band12	5MHz	16QAM	23035	1RB#0	0.15~30	-54.59	PASS
Band12	5MHz	16QAM	23035	1RB#0	30~1000	-58.63	PASS
Band12	5MHz	16QAM	23035	1RB#0	1000~3000	-30.33	PASS
Band12	5MHz	16QAM	23035	1RB#0	3000~10000	-41.14	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.009~0.15	-57.88	PASS
Band12	5MHz	QPSK	23095	1RB#0	0.15~30	-52.13	PASS

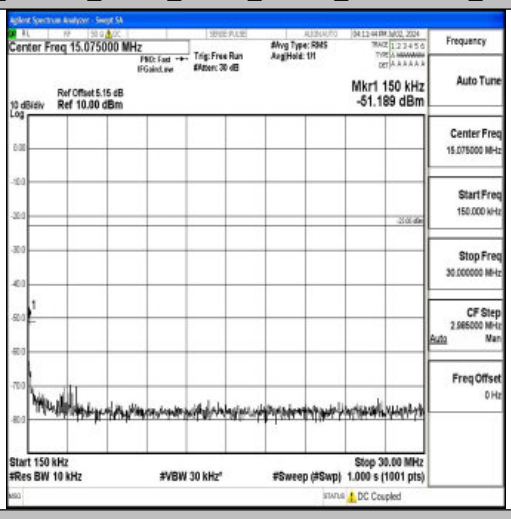
Band12	5MHz	QPSK	23095	1RB#0	30~1000	-60.41	PASS
Band12	5MHz	QPSK	23095	1RB#0	1000~3000	-30.66	PASS
Band12	5MHz	QPSK	23095	1RB#0	3000~10000	-43.82	PASS
Band12	5MHz	16QAM	23095	1RB#0	0.009~0.15	-59.31	PASS
Band12	5MHz	16QAM	23095	1RB#0	0.15~30	-51.64	PASS
Band12	5MHz	16QAM	23095	1RB#0	30~1000	-61.50	PASS
Band12	5MHz	16QAM	23095	1RB#0	1000~3000	-31.01	PASS
Band12	5MHz	16QAM	23095	1RB#0	3000~10000	-44.11	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.009~0.15	-59.16	PASS
Band12	5MHz	QPSK	23155	1RB#0	0.15~30	-51.00	PASS
Band12	5MHz	QPSK	23155	1RB#0	30~1000	-60.58	PASS
Band12	5MHz	QPSK	23155	1RB#0	1000~3000	-29.07	PASS
Band12	5MHz	QPSK	23155	1RB#0	3000~10000	-44.00	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.009~0.15	-53.38	PASS
Band12	5MHz	16QAM	23155	1RB#0	0.15~30	-53.68	PASS
Band12	5MHz	16QAM	23155	1RB#0	30~1000	-59.33	PASS
Band12	5MHz	16QAM	23155	1RB#0	1000~3000	-29.34	PASS
Band12	5MHz	16QAM	23155	1RB#0	3000~10000	-44.01	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.009~0.15	-58.65	PASS
Band12	10MHz	QPSK	23060	1RB#0	0.15~30	-51.72	PASS
Band12	10MHz	QPSK	23060	1RB#0	30~1000	-62.12	PASS
Band12	10MHz	QPSK	23060	1RB#0	1000~3000	-32.10	PASS
Band12	10MHz	QPSK	23060	1RB#0	3000~10000	-42.49	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.009~0.15	-57.29	PASS
Band12	10MHz	16QAM	23060	1RB#0	0.15~30	-52.97	PASS
Band12	10MHz	16QAM	23060	1RB#0	30~1000	-62.20	PASS
Band12	10MHz	16QAM	23060	1RB#0	1000~3000	-32.02	PASS
Band12	10MHz	16QAM	23060	1RB#0	3000~10000	-43.18	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.009~0.15	-52.64	PASS
Band12	10MHz	QPSK	23095	1RB#0	0.15~30	-49.94	PASS
Band12	10MHz	QPSK	23095	1RB#0	30~1000	-61.80	PASS
Band12	10MHz	QPSK	23095	1RB#0	1000~3000	-33.62	PASS
Band12	10MHz	QPSK	23095	1RB#0	3000~10000	-43.60	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.009~0.15	-57.08	PASS
Band12	10MHz	16QAM	23095	1RB#0	0.15~30	-54.08	PASS
Band12	10MHz	16QAM	23095	1RB#0	30~1000	-62.25	PASS
Band12	10MHz	16QAM	23095	1RB#0	1000~3000	-33.53	PASS
Band12	10MHz	16QAM	23095	1RB#0	3000~10000	-44.04	PASS
Band12	10MHz	QPSK	23130	1RB#0	0.009~0.15	-56.53	PASS

Band12	10MHz	QPSK	23130	1RB#0	0.15~30	-52.41	PASS
Band12	10MHz	QPSK	23130	1RB#0	30~1000	-61.91	PASS
Band12	10MHz	QPSK	23130	1RB#0	1000~3000	-29.62	PASS
Band12	10MHz	QPSK	23130	1RB#0	3000~10000	-44.41	PASS
Band12	10MHz	16QAM	23130	1RB#0	0.009~0.15	-57.88	PASS
Band12	10MHz	16QAM	23130	1RB#0	0.15~30	-52.58	PASS
Band12	10MHz	16QAM	23130	1RB#0	30~1000	-62.22	PASS
Band12	10MHz	16QAM	23130	1RB#0	1000~3000	-29.41	PASS
Band12	10MHz	16QAM	23130	1RB#0	3000~10000	-44.16	PASS

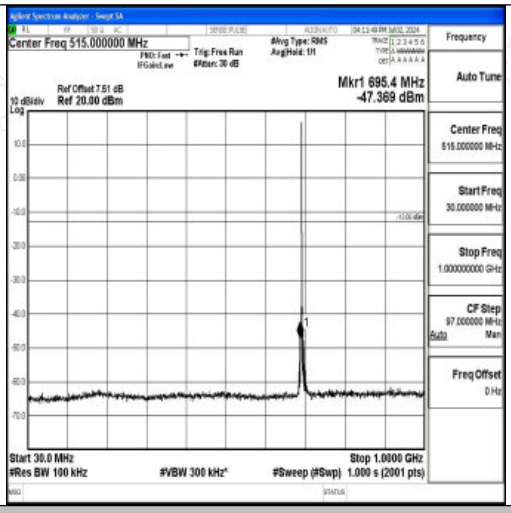
Test Graphs



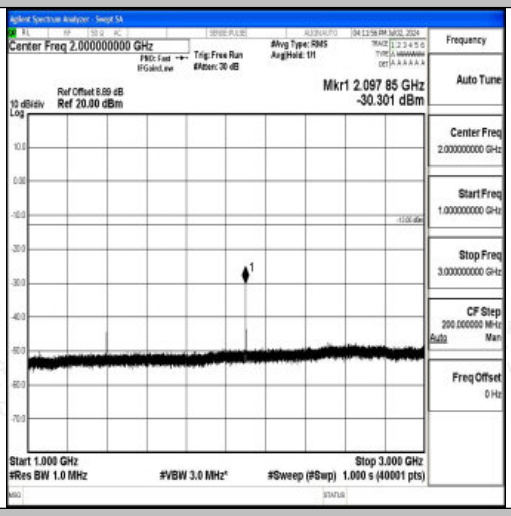
Band12_1.4MHz_QPSK_23017_1RB#0_0.009~0.15_0.009~0.15



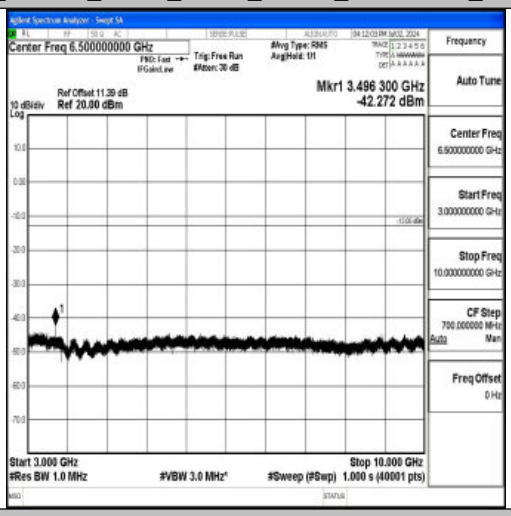
Band12_1.4MHz_QPSK_23017_1RB#0_0.15~30_0.15~30



Band12_1.4MHz_QPSK_23017_1RB#0_30~1000_30~1000



Band12_1.4MHz_QPSK_23017_1RB#0_1000~3000_1000~3000



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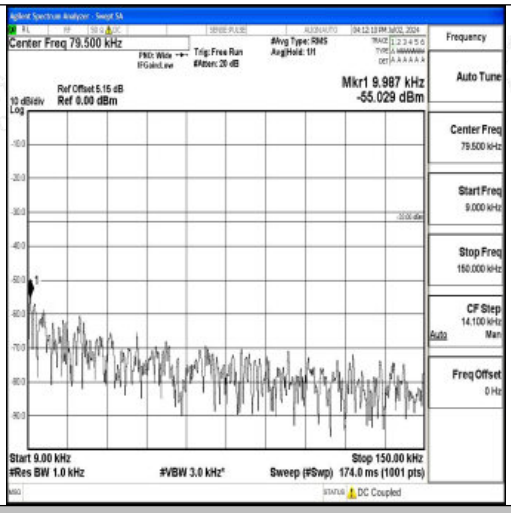
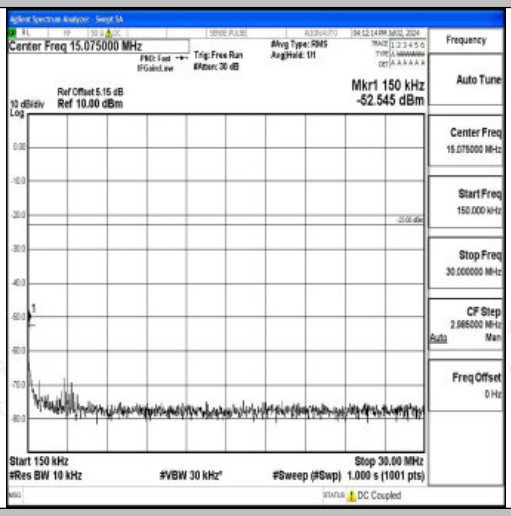
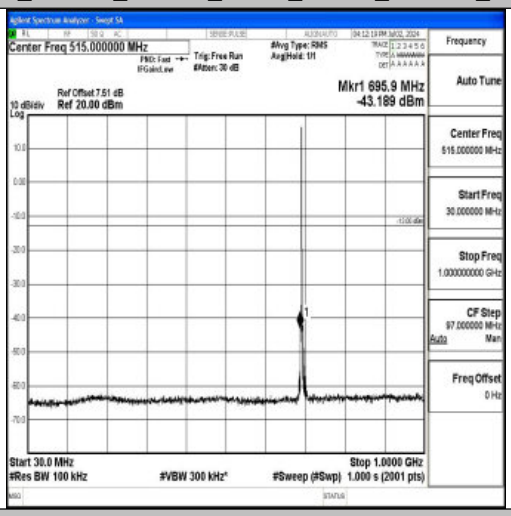


Band12_1.4MHz_16QAM_23017_1RB#0_0.009~0.15_0.009~0.15



Band12_1.4MHz_16QAM_23017_1RB#0_0.15~30_0.15~30



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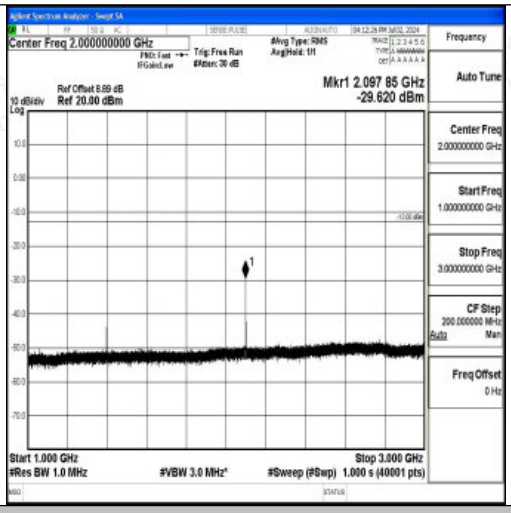

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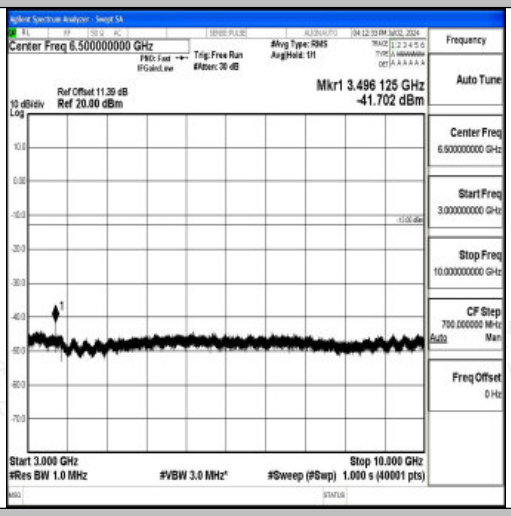

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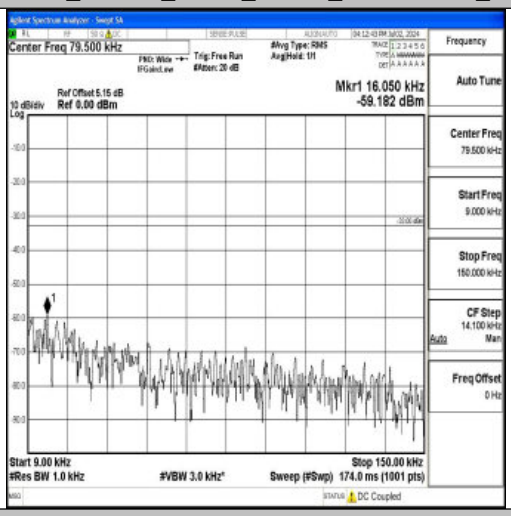

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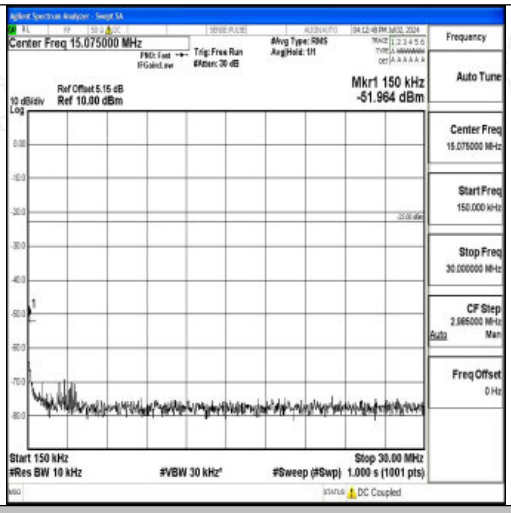
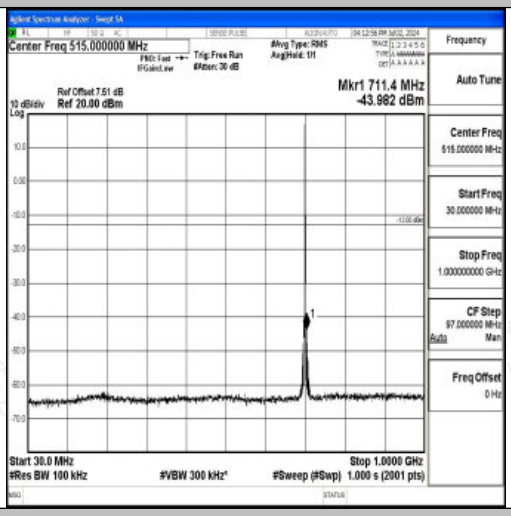


Band12_1.4MHz_QPSK_23095_1RB#0_0.15~30_0.15~30



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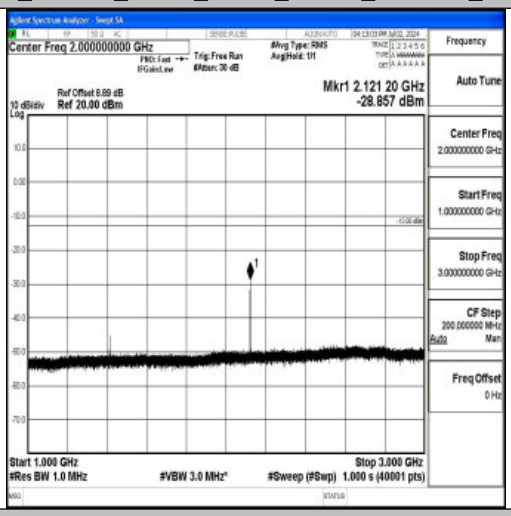
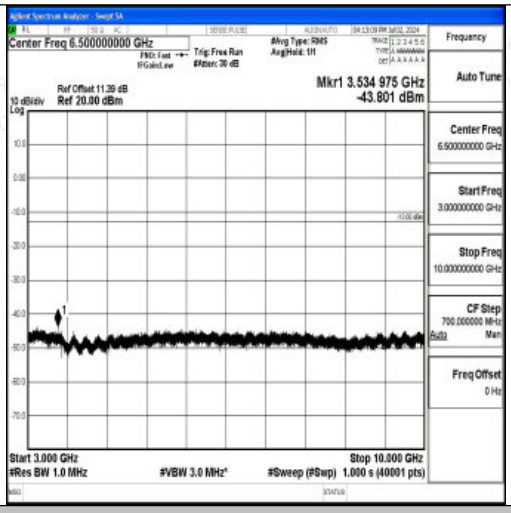


Band12_1.4MHz_QPSK_23095_1RB#0_1000~3000_1000~3000



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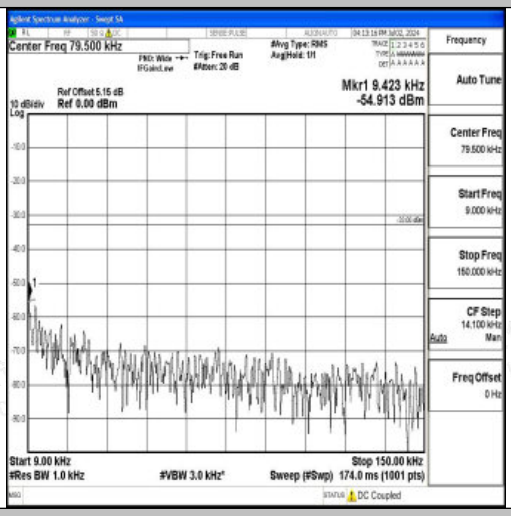

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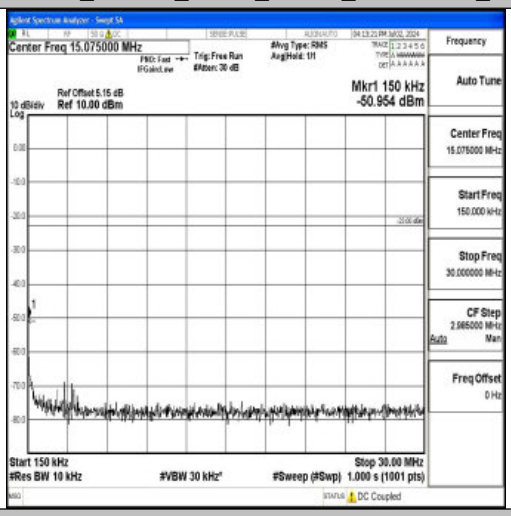

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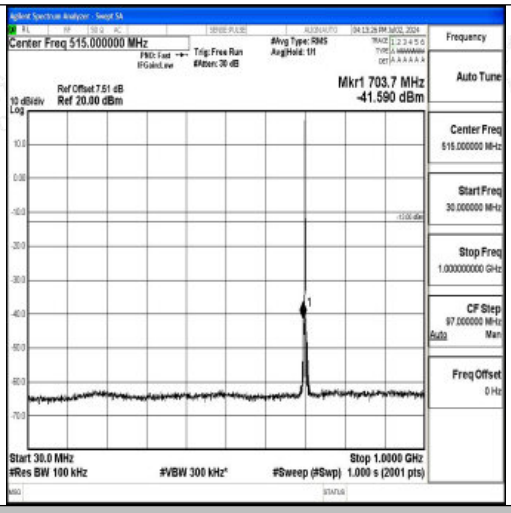
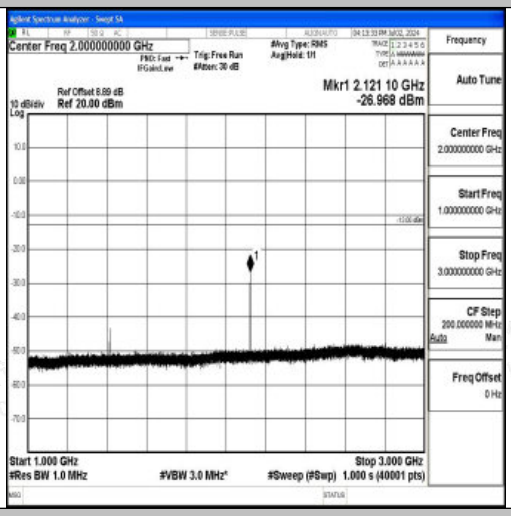
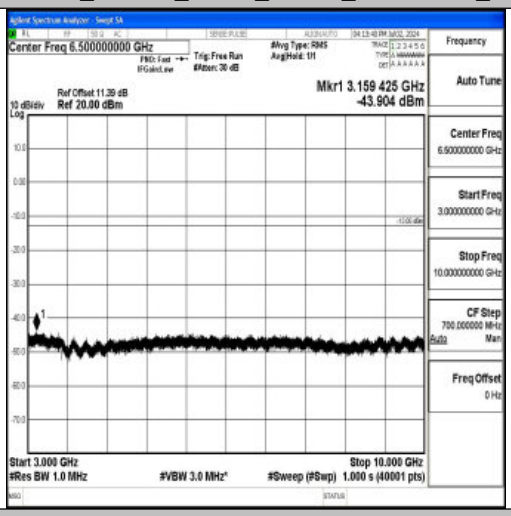


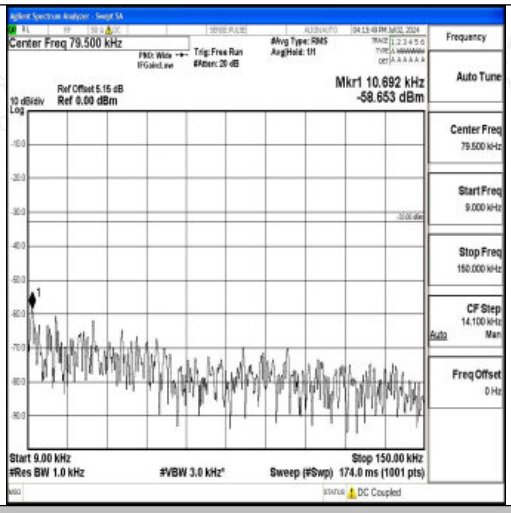
Band12_1.4MHz_16QAM_23095_1RB#0_30~1000_30~1000



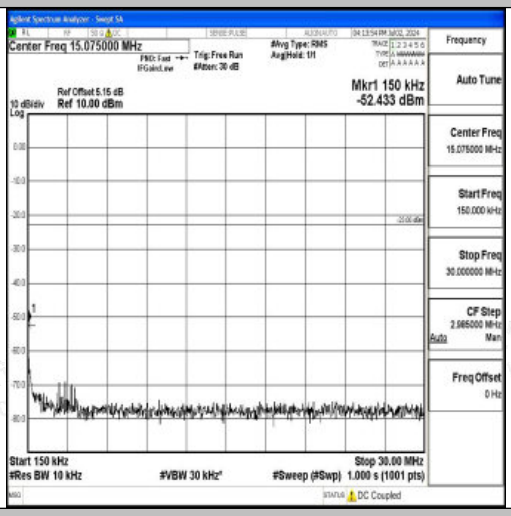
Band12_1.4MHz_16QAM_23095_1RB#0_1000~3000_1000~3000



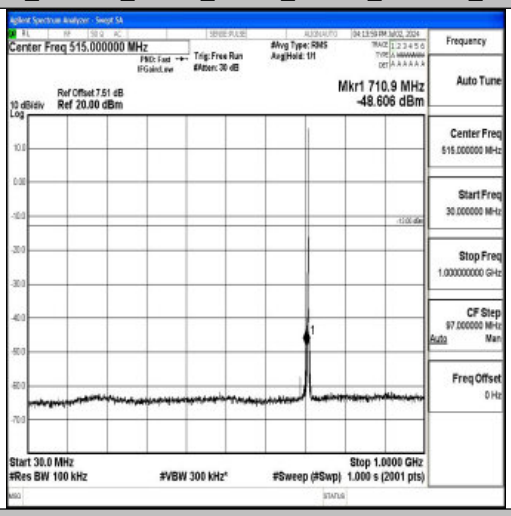
Band12_1.4MHz_16QAM_23095_1RB#0_3000~10000_3000~10000



Band12_1.4MHz_QPSK_23173_1RB#0_0.009~0.15_0.009~0.15



Band12_1.4MHz_QPSK_23173_1RB#0_0.15~30_0.15~30



Band12_1.4MHz_QPSK_23173_1RB#0_30~1000_30~1000