FCC LTE Band Test Data

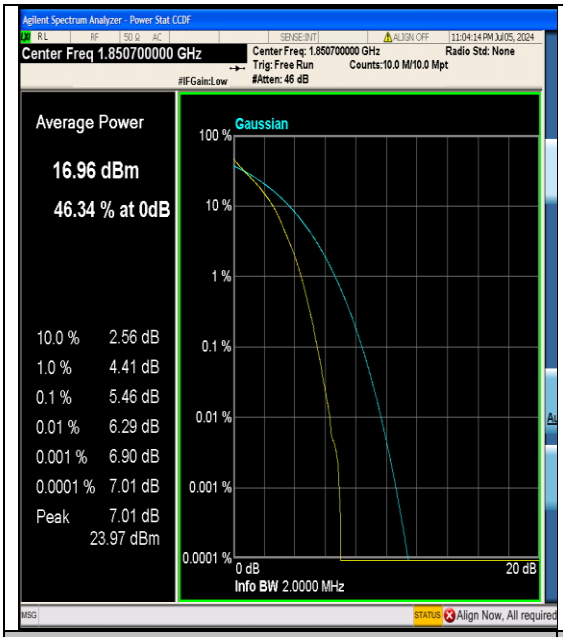
FCC ID	**:**	**2BCQ3FLY400**
Company:	**:**	**A3 MOBILE SAS**
EUT	**:**	**Mobile Phone**
Model Number	**:**	**FY-400**
Reviewed By	**:**	**Eric Wang**

Appendix B: Peak-to-Average Ratio(CCDF)

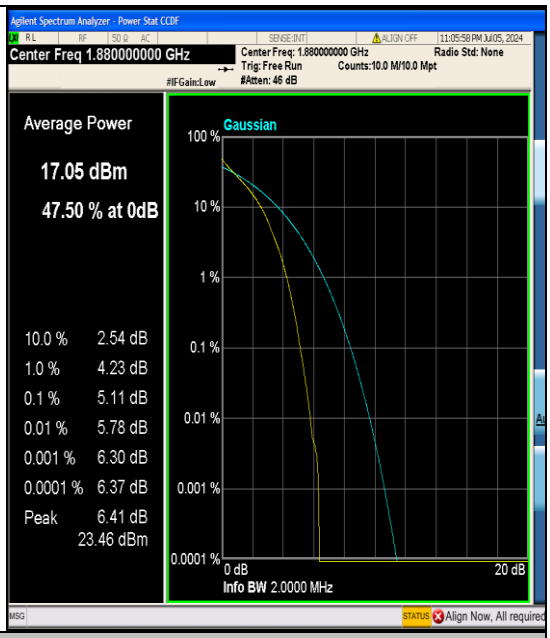
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	5.46	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.11	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	4.54	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	6.16	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	5.87	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	5.40	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	5.59	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	5.33	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	5.04	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	6.26	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	6.09	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	5.83	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	5.57	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.33	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	5.17	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	6.24	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	5.99	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	5.88	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.56	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.40	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.31	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	6.25	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	6.07	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	5.96	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.76	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.67	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.59	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	6.20	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.13	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	6.09	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.41	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.45	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.39	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.11	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.15	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.11	13	PASS

Test Graphs



Band2-1.4MHz-QPSK-18607-6RB#0-PASS



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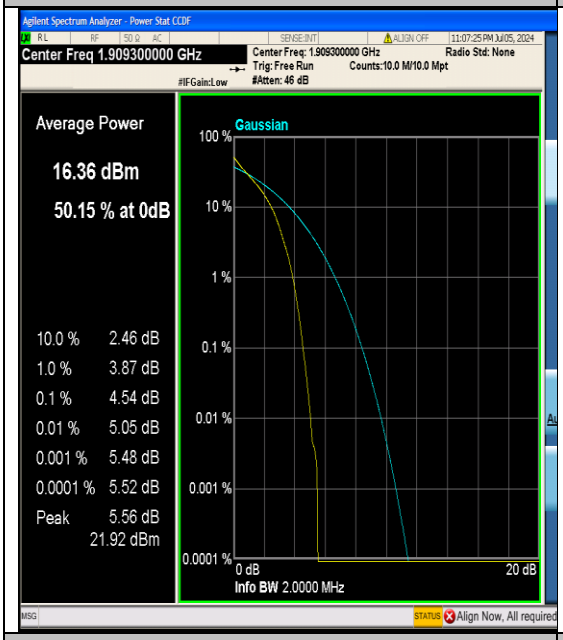
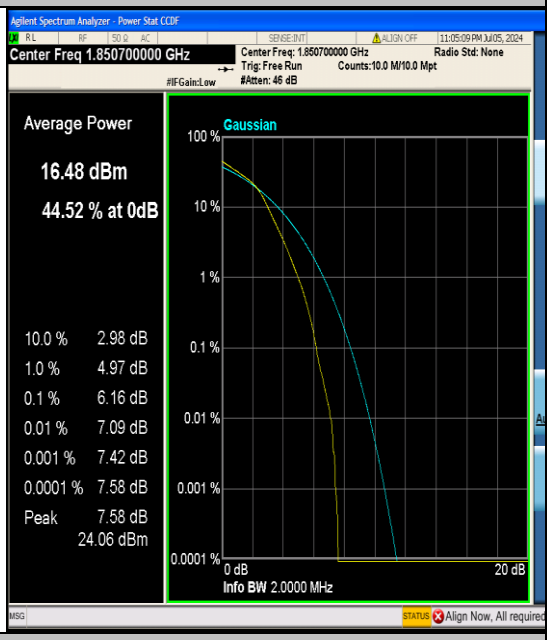
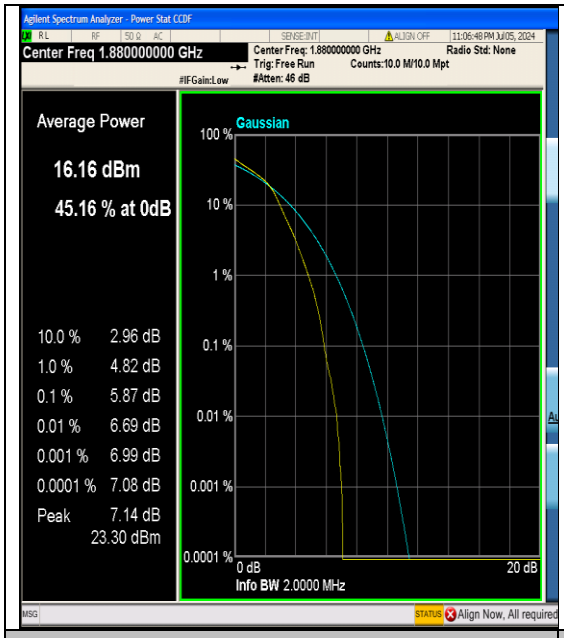


Band2-1.4MHz-QPSK-19193-6RB#0-PASS



Band2-1.4MHz-16QAM-18607-6RB#0-PASS



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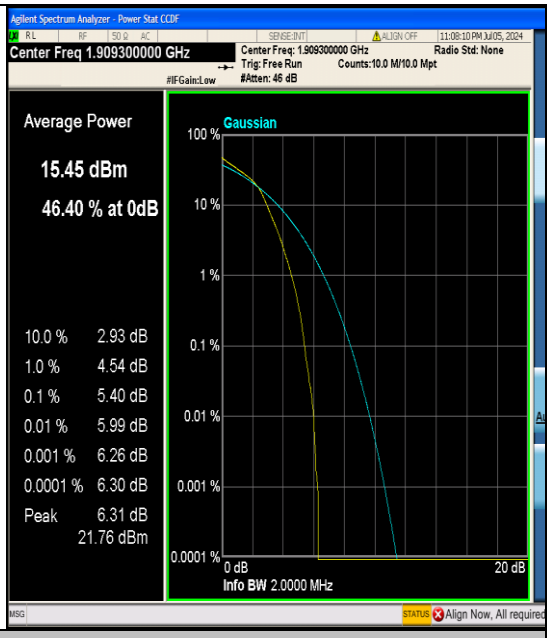

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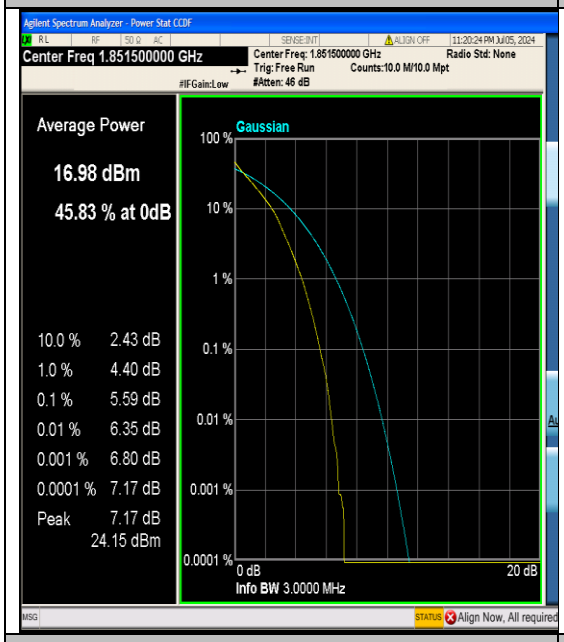
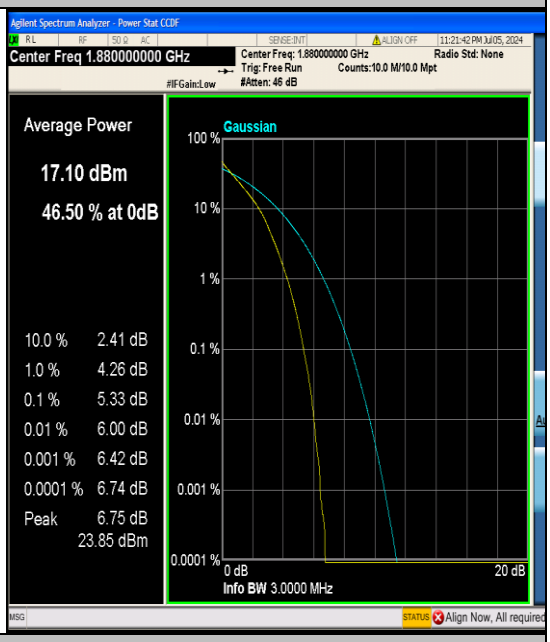


Band2-3MHz-QPSK-18615-15RB#0-PASS



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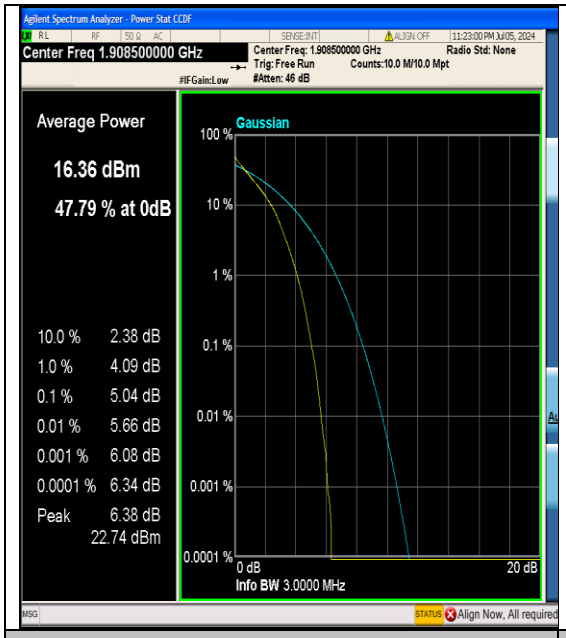
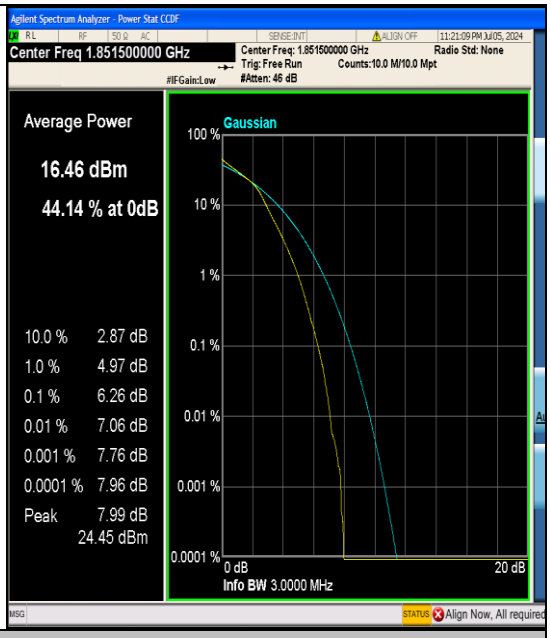


Band2-3MHz-QPSK-19185-15RB#0-PASS



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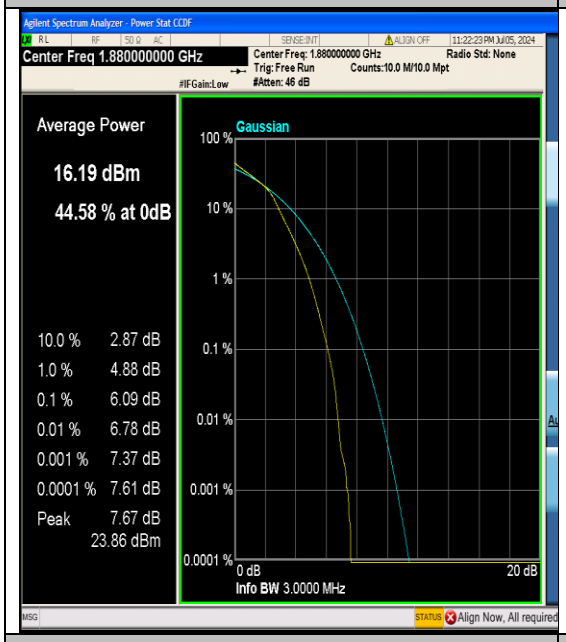

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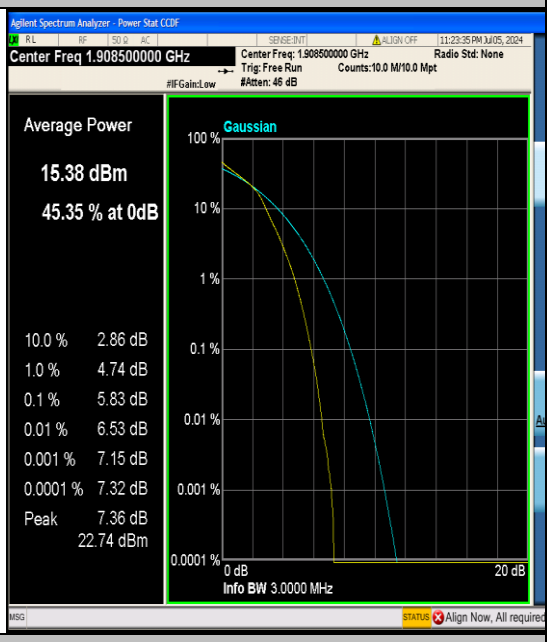

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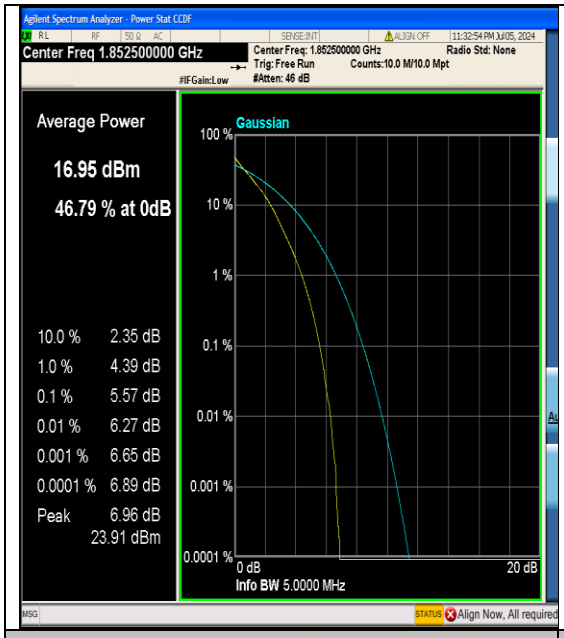
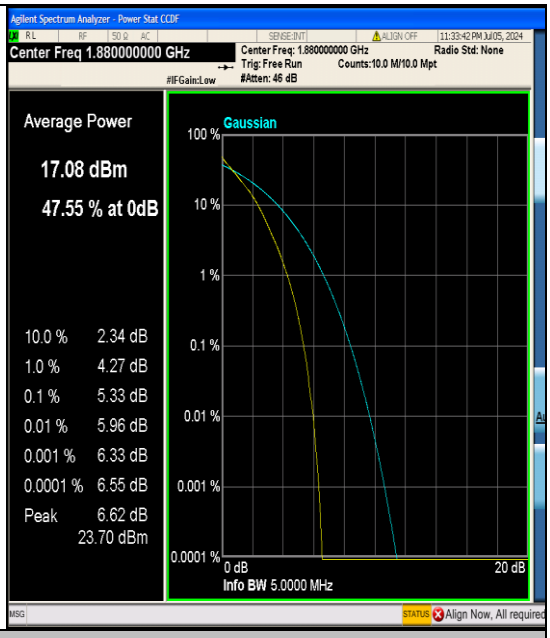


Band2-5MHz-QPSK-18625-25RB#0-PASS



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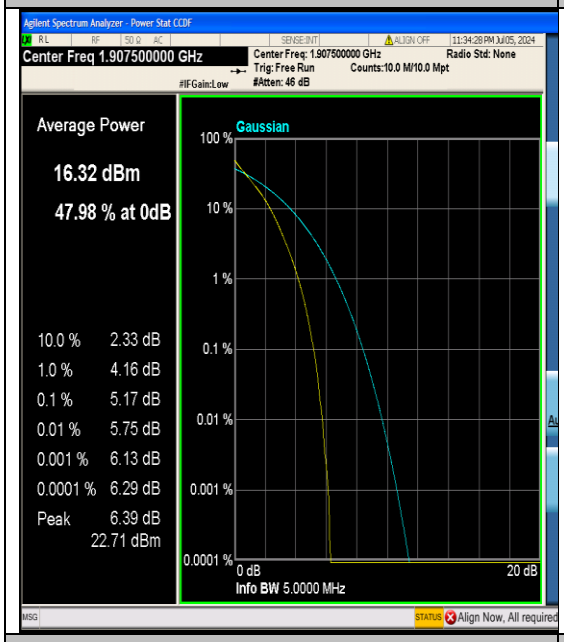
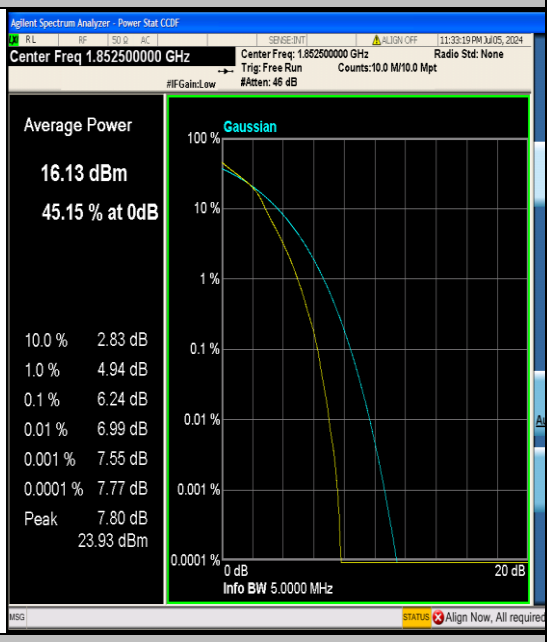


Band2-5MHz-QPSK-19175-25RB#0-PASS



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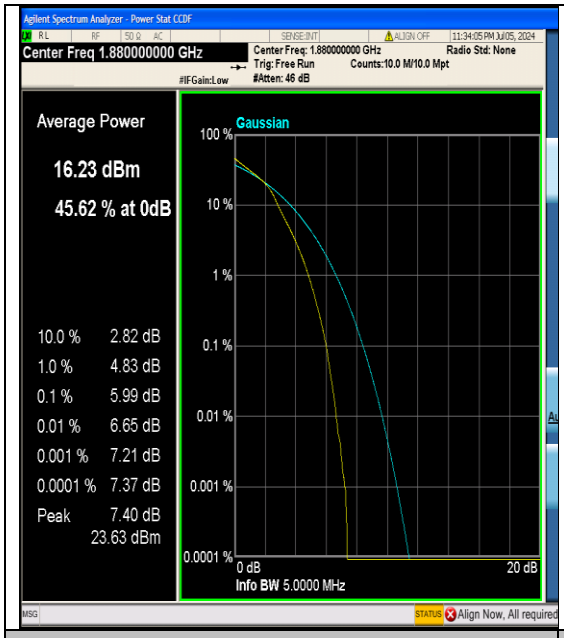

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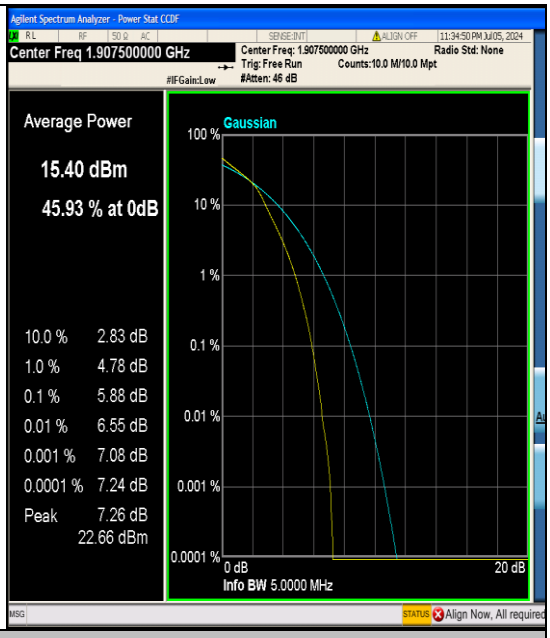
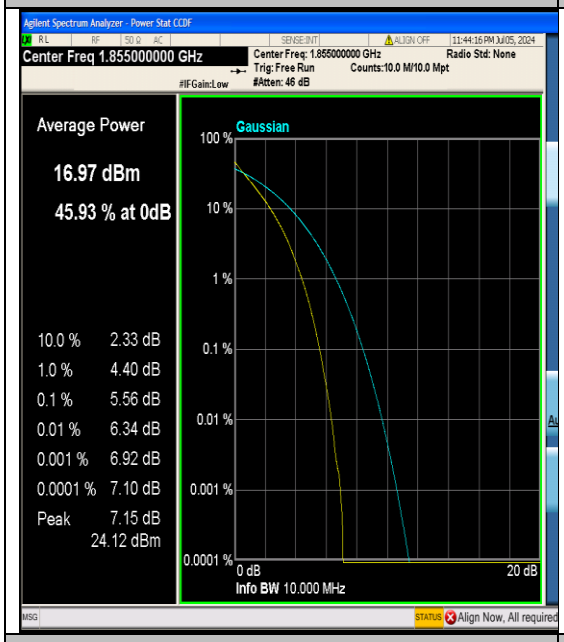
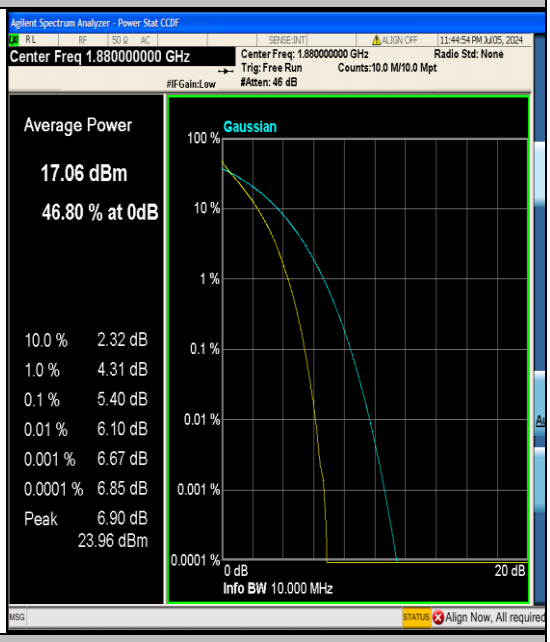


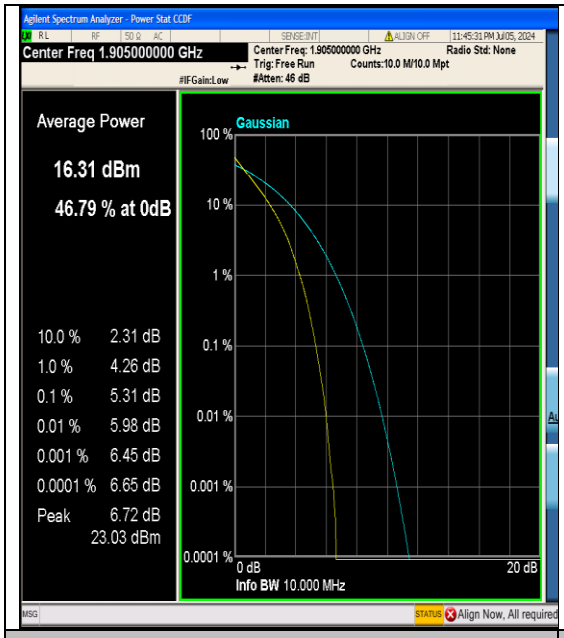
Band2-5MHz-16QAM-19175-25RB#0-PASS



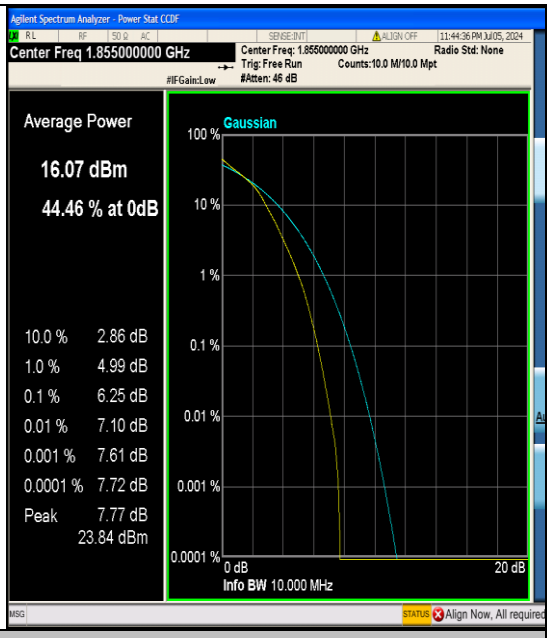
Band2-10MHz-QPSK-18650-50RB#0-PASS



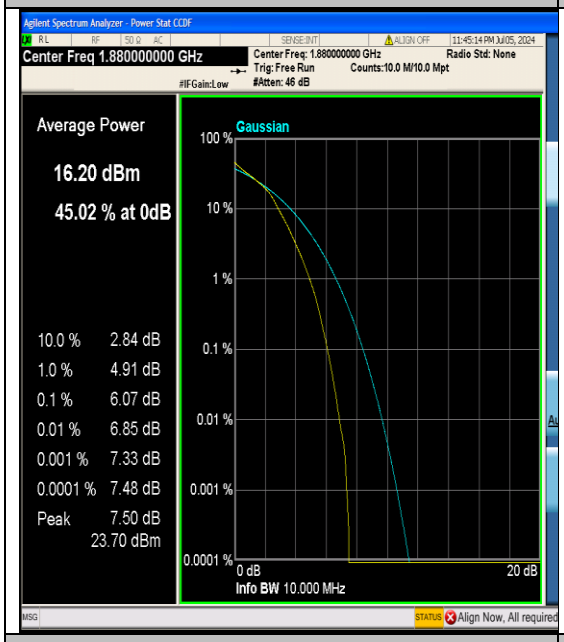
Band2-10MHz-QPSK-18900-50RB#0-PASS



Band2-10MHz-QPSK-19150-50RB#0-PASS



Band2-10MHz-16QAM-18650-50RB#0-PASS



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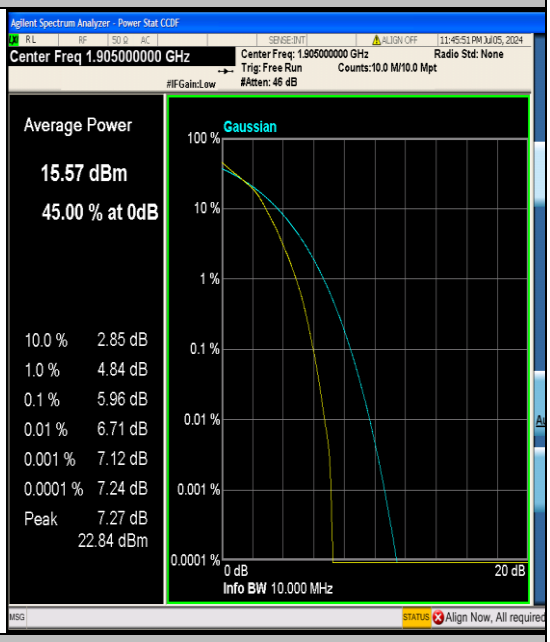
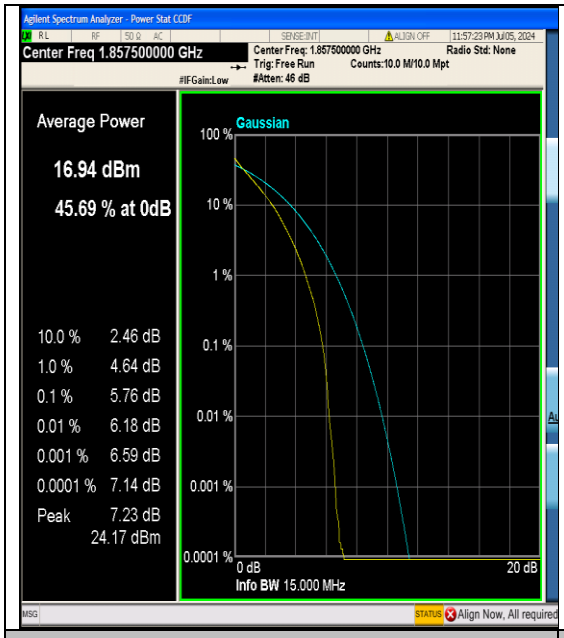
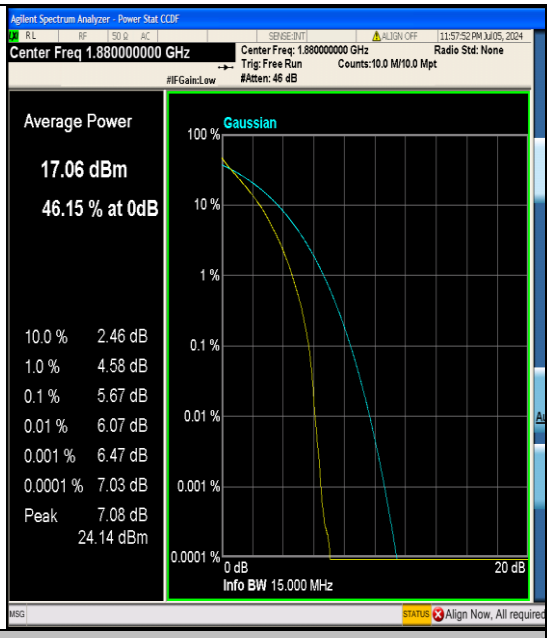


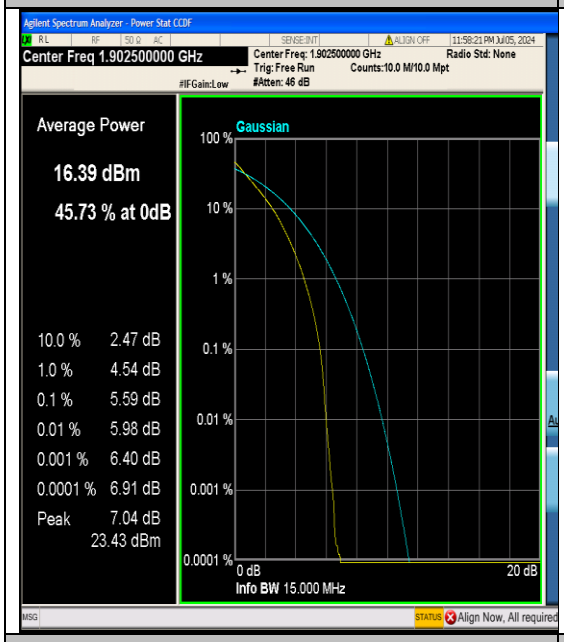
Band2-10MHz-16QAM-19150-50RB#0-PASS



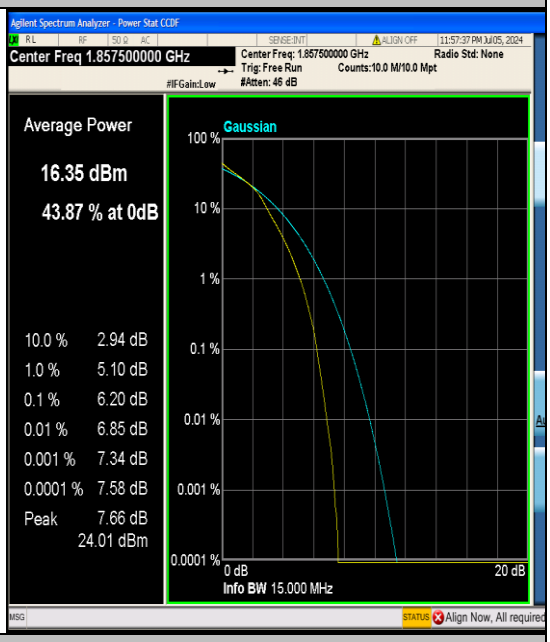
Band2-15MHz-QPSK-18675-75RB#0-PASS



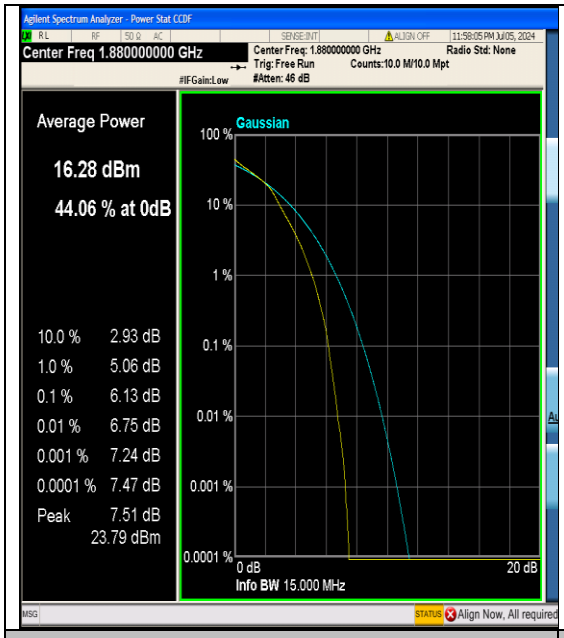
Band2-15MHz-QPSK-18900-75RB#0-PASS



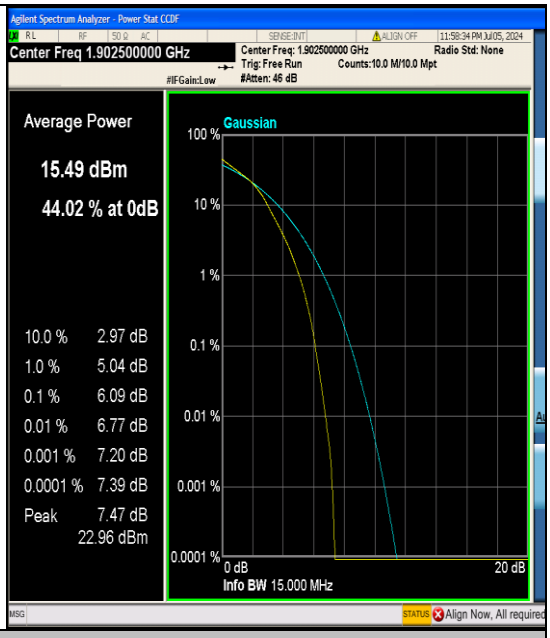
Band2-15MHz-QPSK-19125-75RB#0-PASS



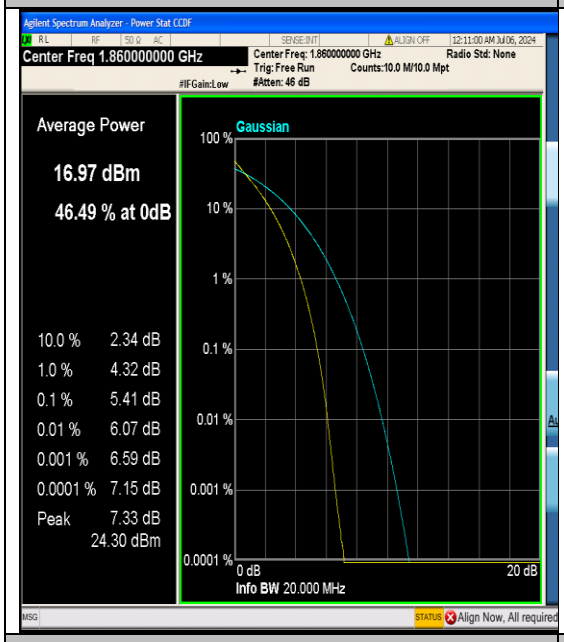
Band2-15MHz-16QAM-18675-75RB#0-PASS



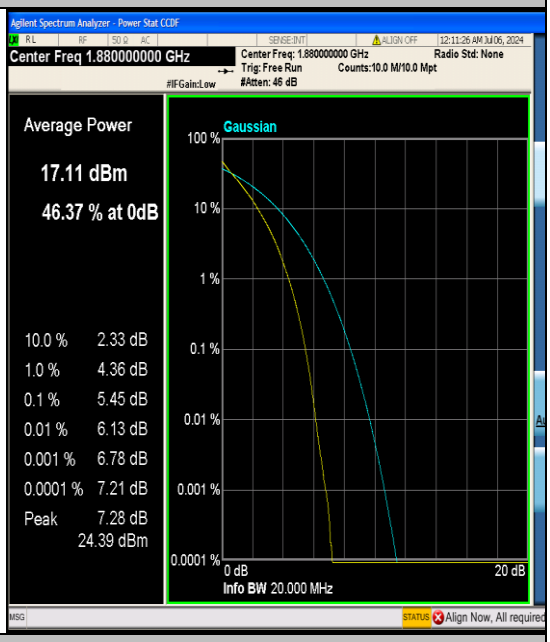
Band2-15MHz-16QAM-18900-75RB#0-PASS



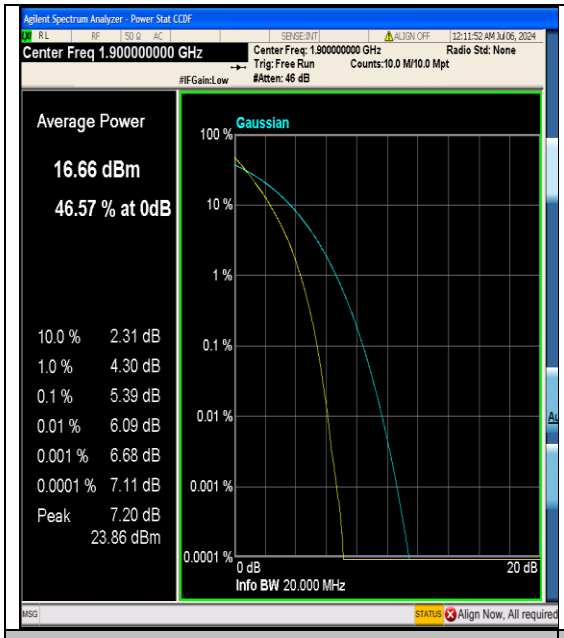
Band2-15MHz-16QAM-19125-75RB#0-PASS



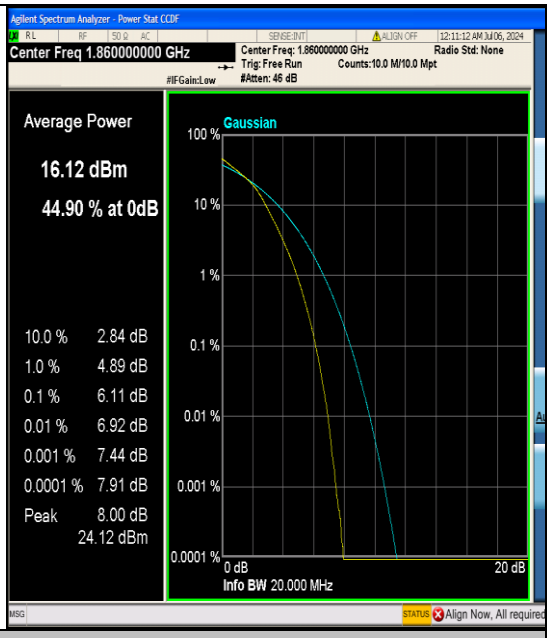
Band2-20MHz-QPSK-18700-100RB#0-PASS



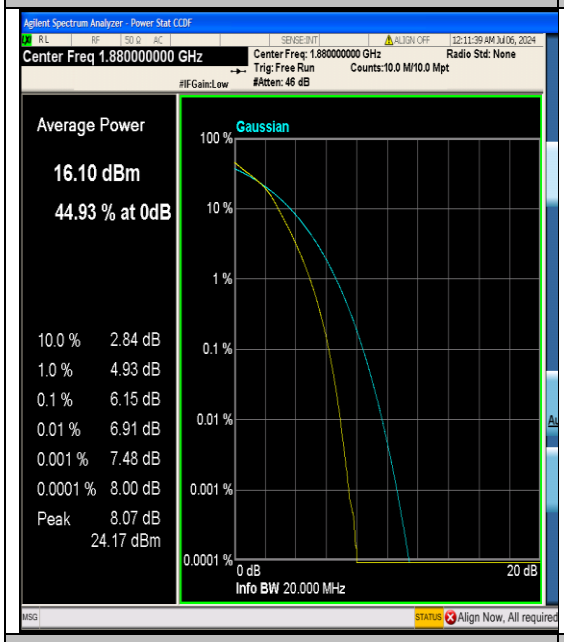
Band2-20MHz-QPSK-18900-100RB#0-PASS



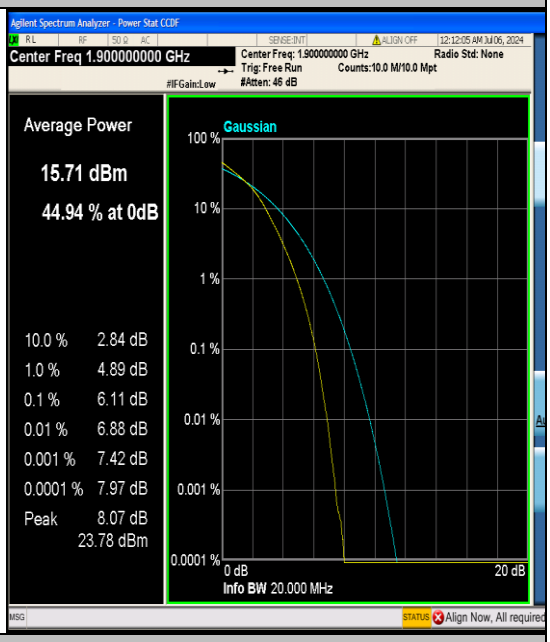
Band2-20MHz-QPSK-19100-100RB#0-PASS



Band2-20MHz-16QAM-18700-100RB#0-PASS



Band2-20MHz-16QAM-18900-100RB#0-PASS



Band2-20MHz-16QAM-19100-100RB#0-PASS

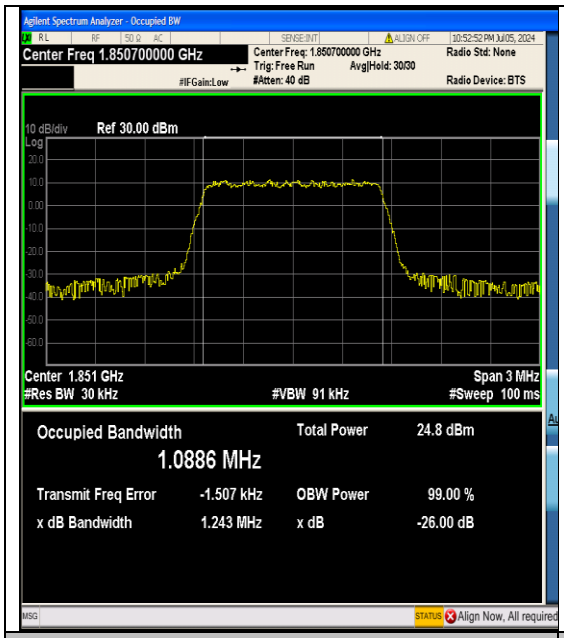
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

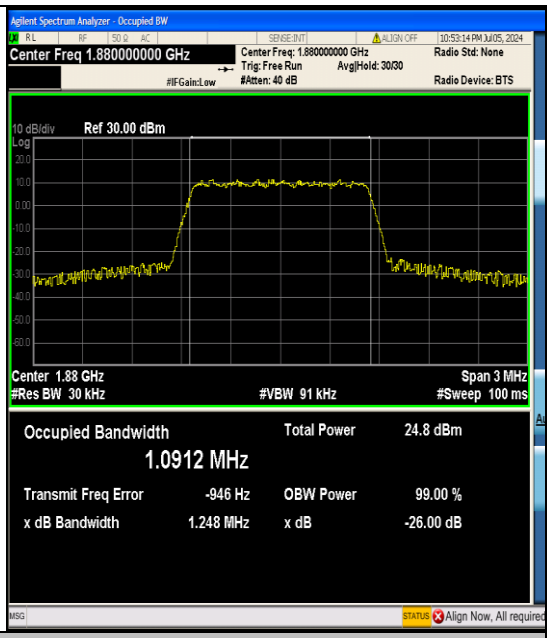
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0886	1.243	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0912	1.248	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0939	1.241	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.1036	1.252	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.1045	1.251	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.1035	1.251	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.7112	3.006	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.7133	3.023	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.7090	3.016	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.7039	3.030	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.7007	3.032	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.6971	3.033	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5063	4.978	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5089	4.972	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5122	4.990	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4976	4.971	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.4996	4.982	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5059	4.974	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9985	9.914	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.9956	9.933	PASS
Band2	10MHz	QPSK	19150	50RB#0	9.0031	9.891	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9878	9.953	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9974	9.940	PASS
Band2	10MHz	16QAM	19150	50RB#0	9.0012	9.944	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.499	14.90	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.512	14.92	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.511	14.97	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.488	14.89	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.489	14.94	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.481	14.93	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.970	19.66	PASS
Band2	20MHz	QPSK	18900	100RB#0	18.011	19.75	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.991	19.70	PASS
Band2	20MHz	16QAM	18700	100RB#0	18.030	19.63	PASS

Band2	20MHz	16QAM	18900	100RB#0	18.049	19.77	PASS
Band2	20MHz	16QAM	19100	100RB#0	18.013	19.76	PASS

Test Graphs



Band2-1.4MHz-QPSK-18607-6RB#0-PASS



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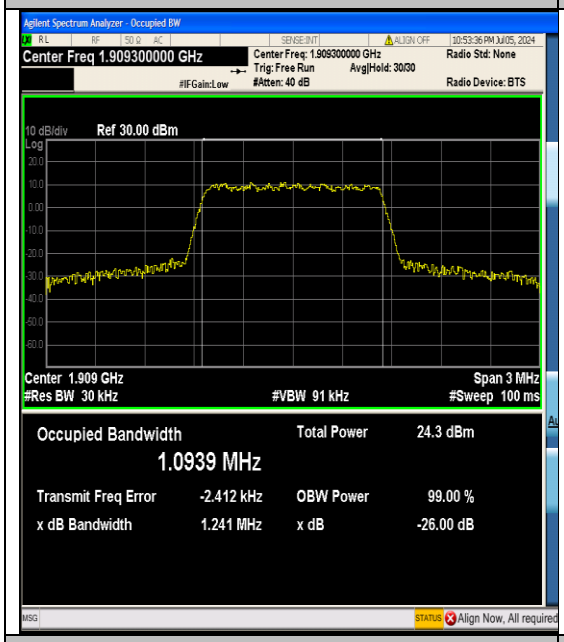

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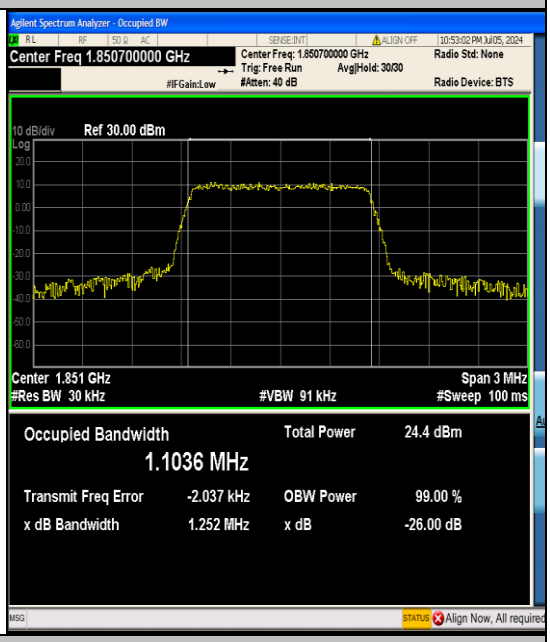

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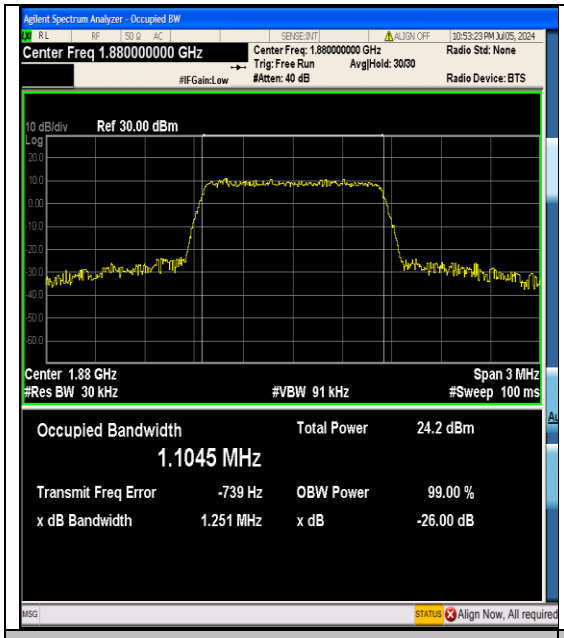

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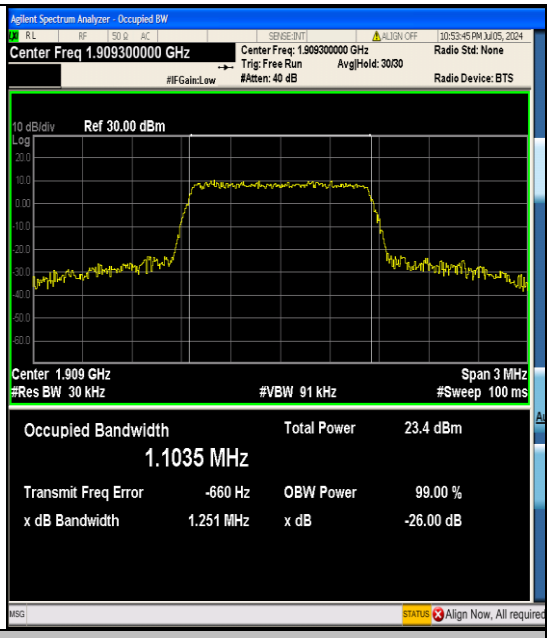

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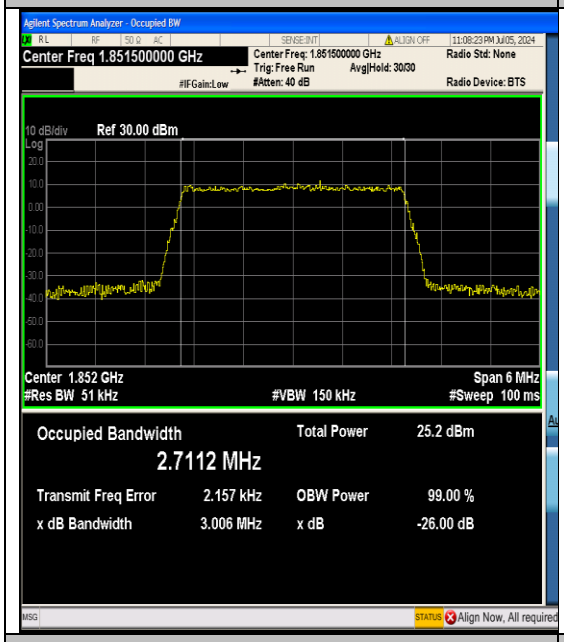
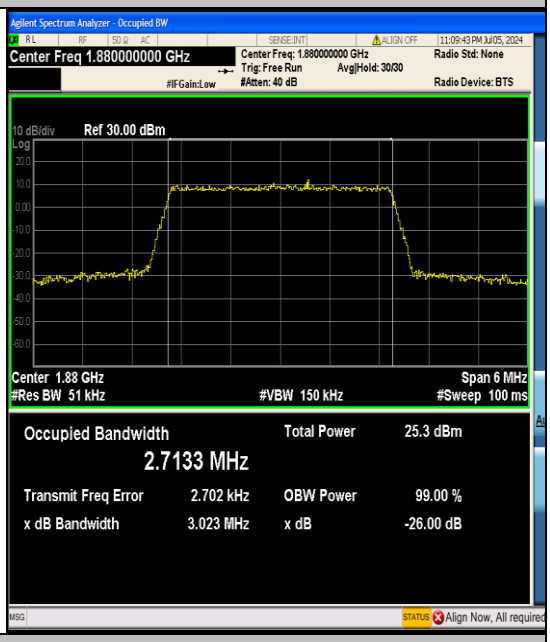


Band2-3MHz-QPSK-18615-15RB#0-PASS



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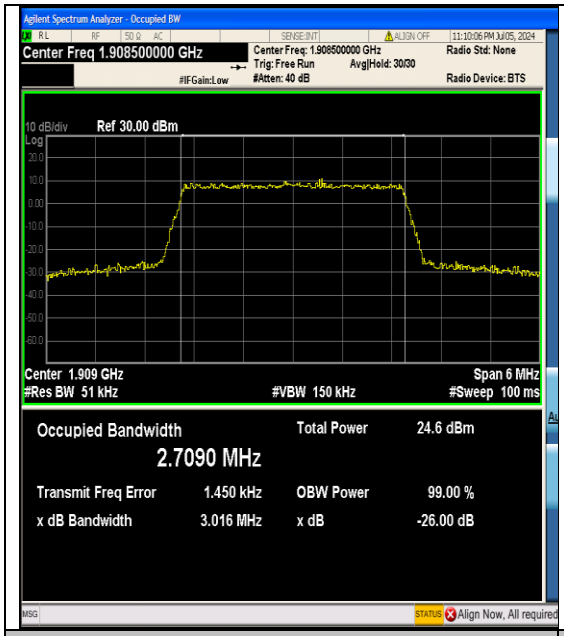
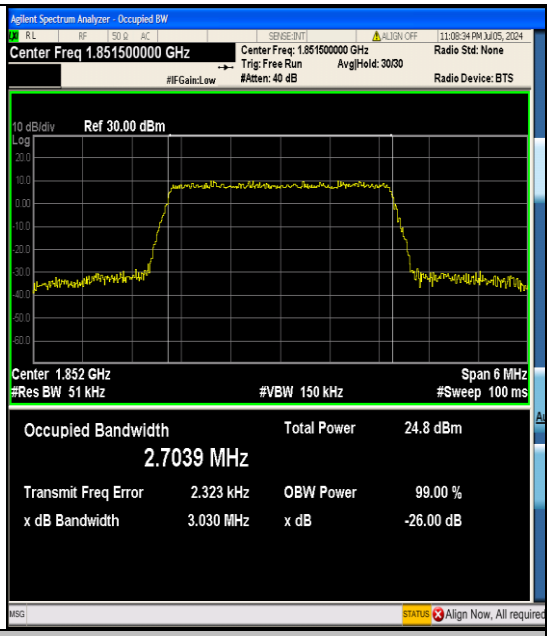


Band2-3MHz-QPSK-19185-15RB#0-PASS



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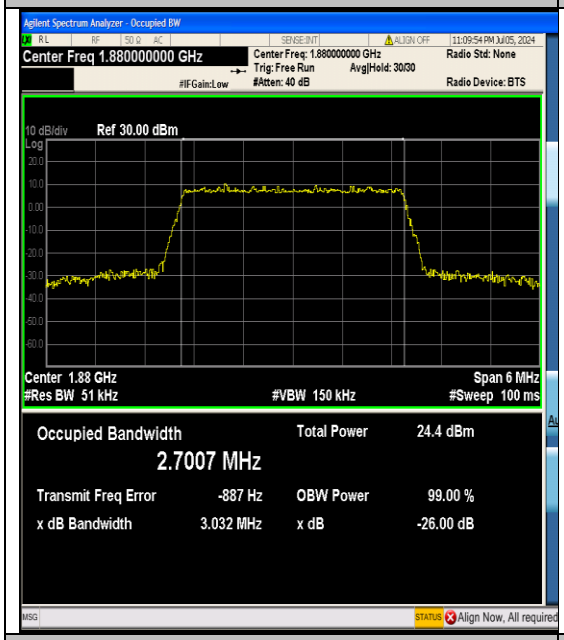

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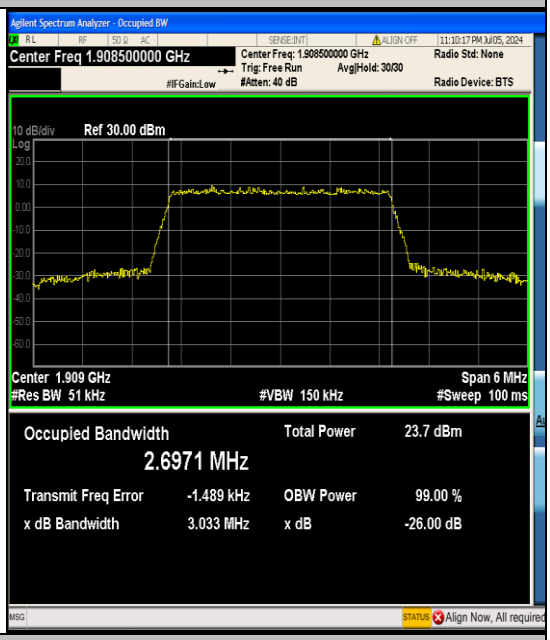

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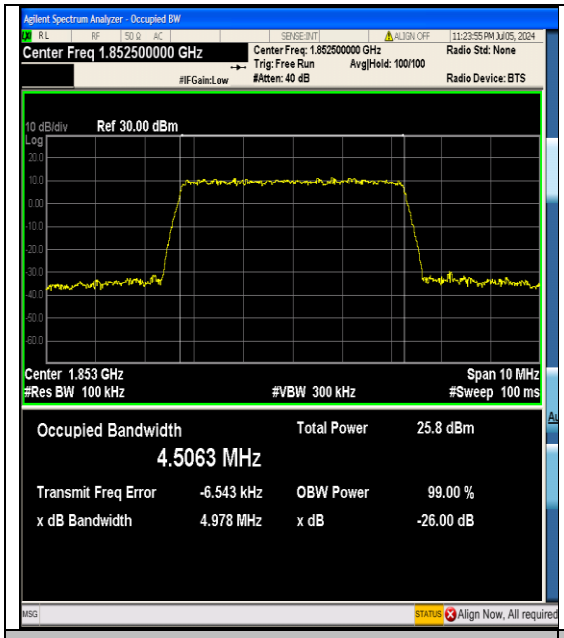
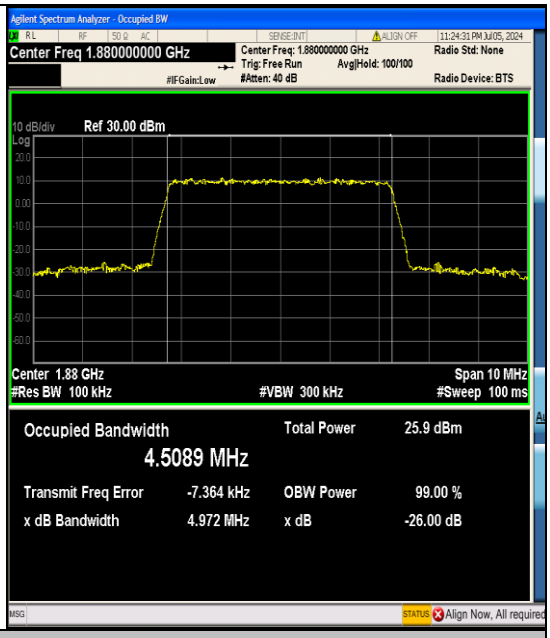


Band2-5MHz-QPSK-18625-25RB#0-PASS



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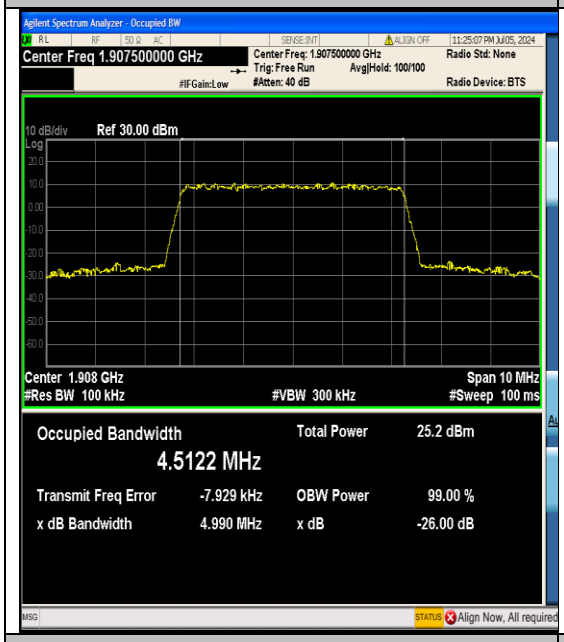
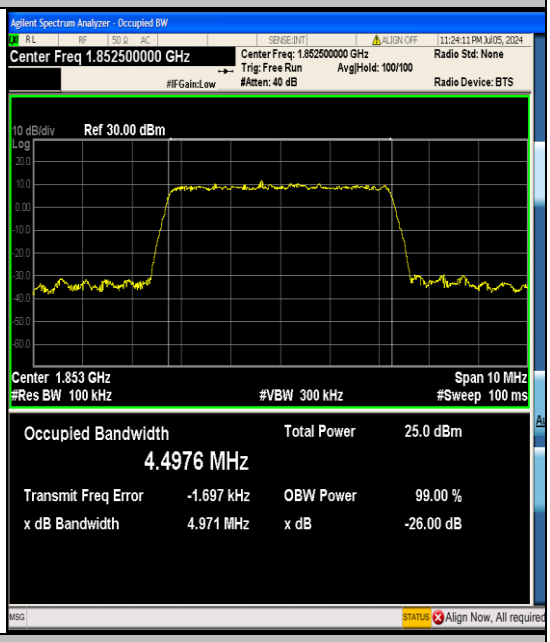


Band2-5MHz-QPSK-19175-25RB#0-PASS



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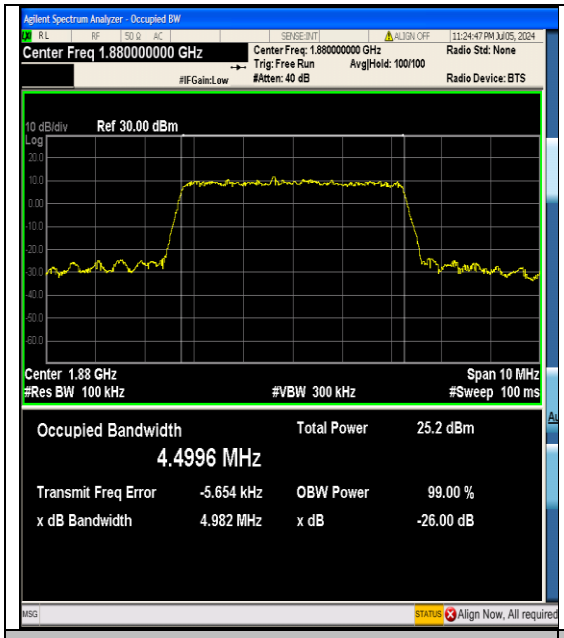

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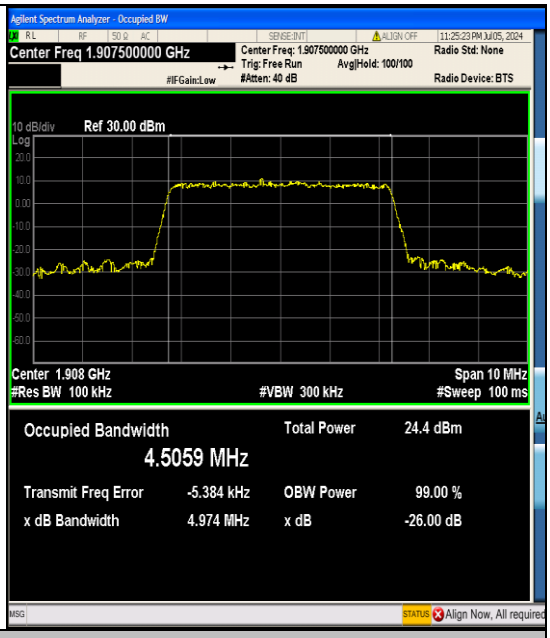

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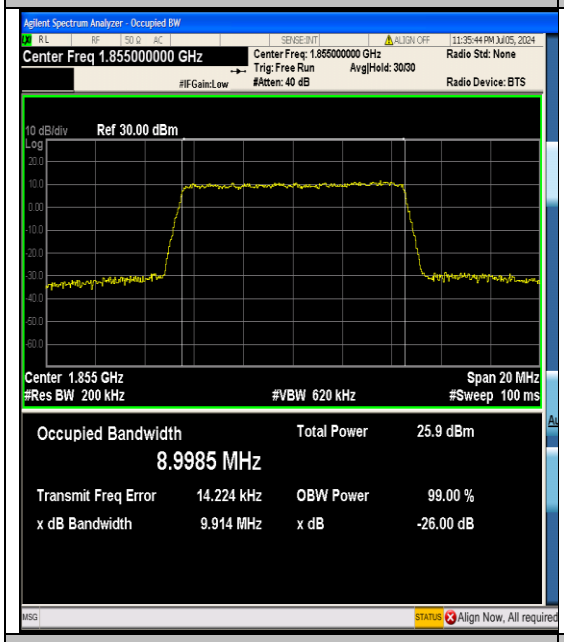
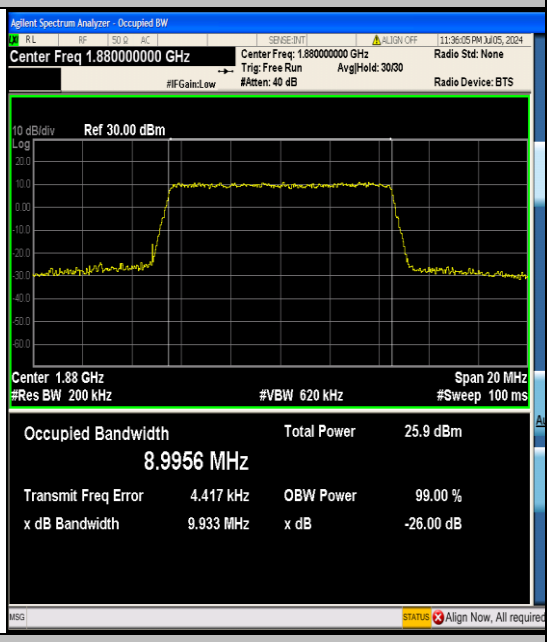
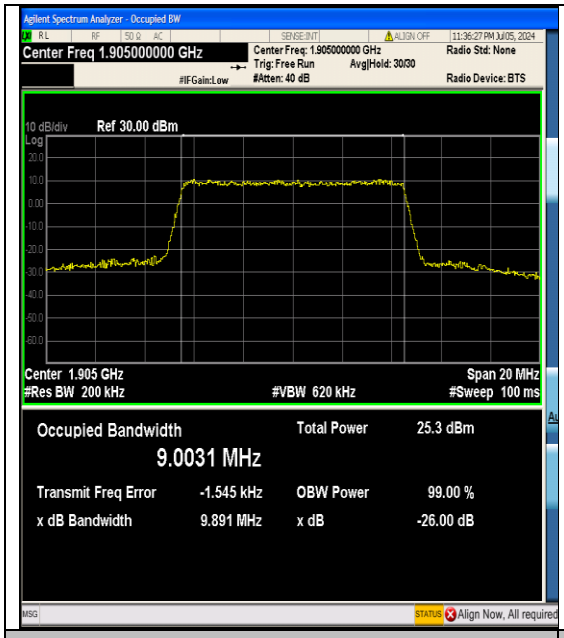


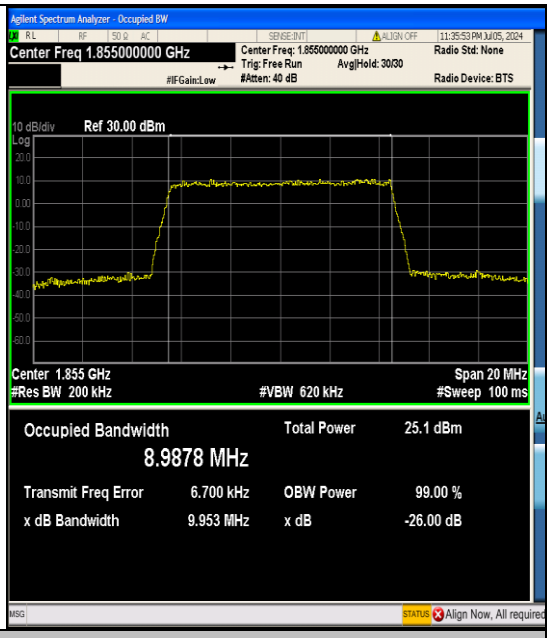
Band2-10MHz-QPSK-18650-50RB#0-PASS



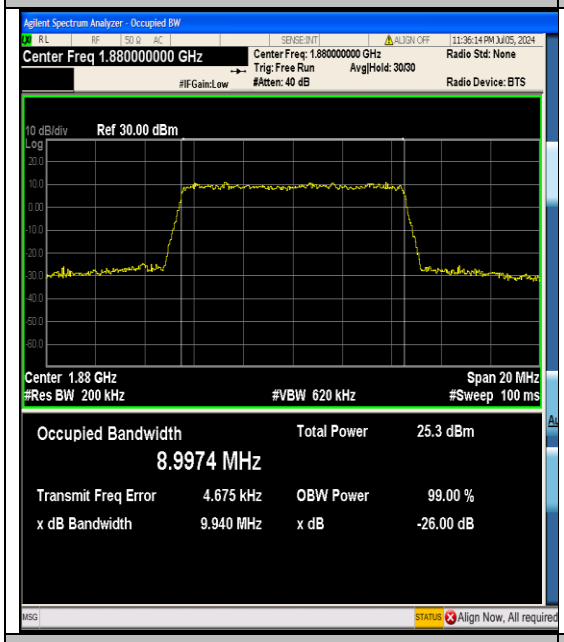
Band2-10MHz-QPSK-18900-50RB#0-PASS



Band2-10MHz-QPSK-19150-50RB#0-PASS



Band2-10MHz-16QAM-18650-50RB#0-PASS



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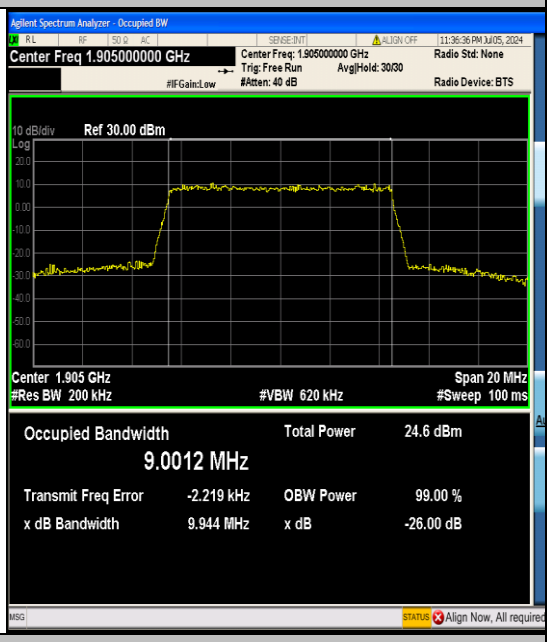
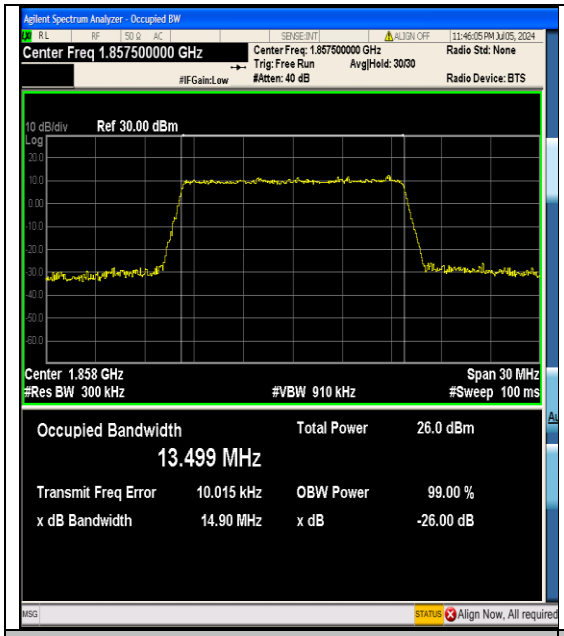
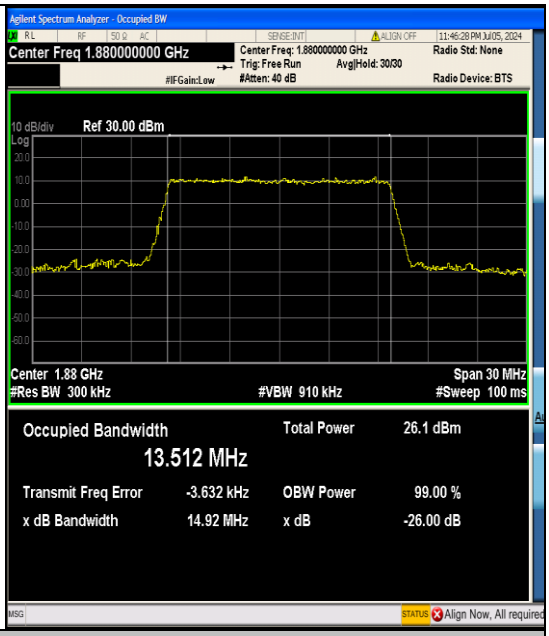


Band2-10MHz-16QAM-19150-50RB#0-PASS



Band2-15MHz-QPSK-18675-75RB#0-PASS



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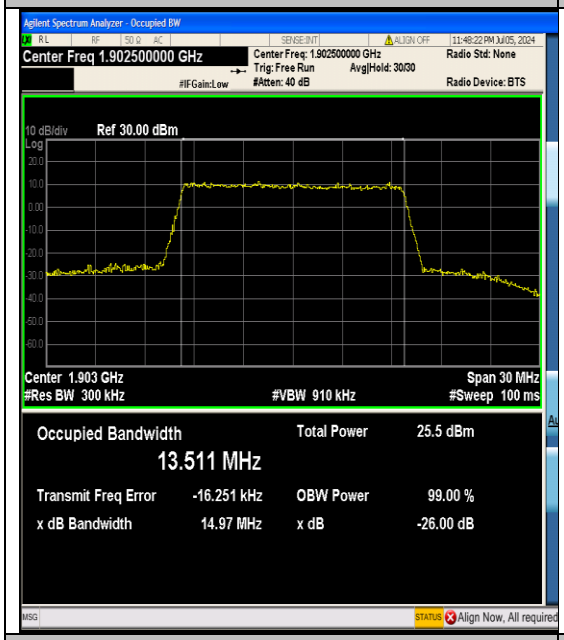
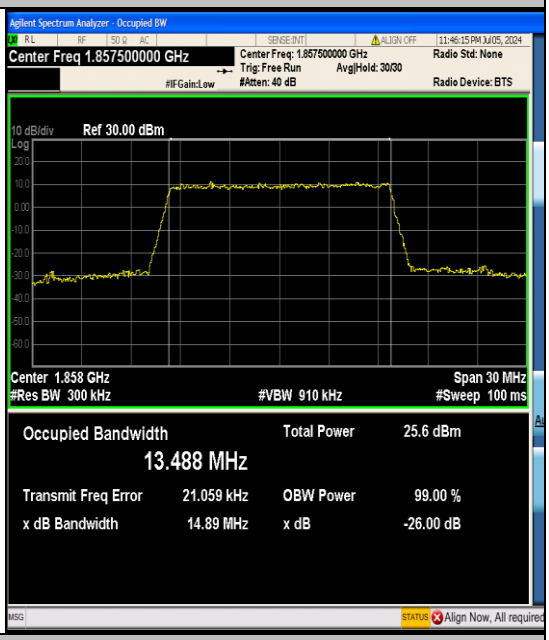
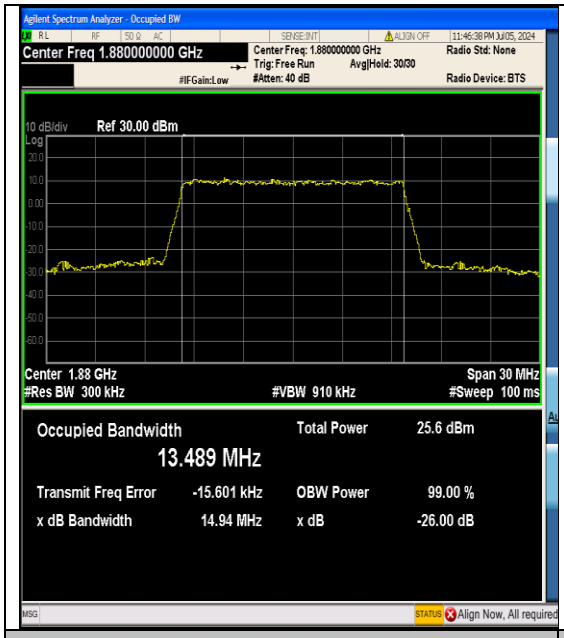


Band2-15MHz-QPSK-19125-75RB#0-PASS



Band2-15MHz-16QAM-18675-75RB#0-PASS



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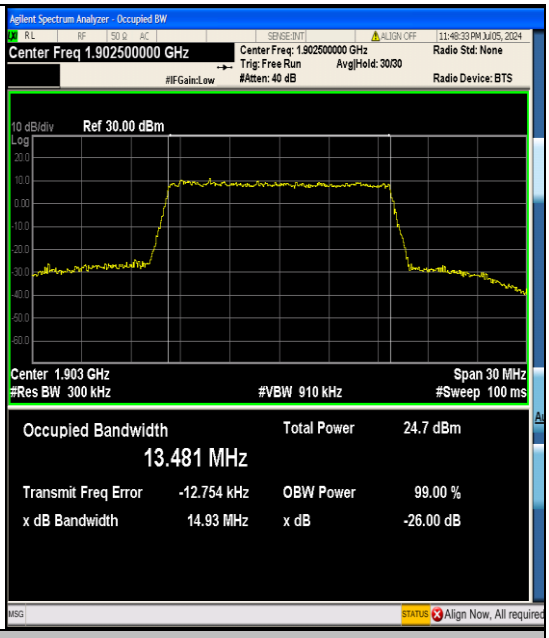

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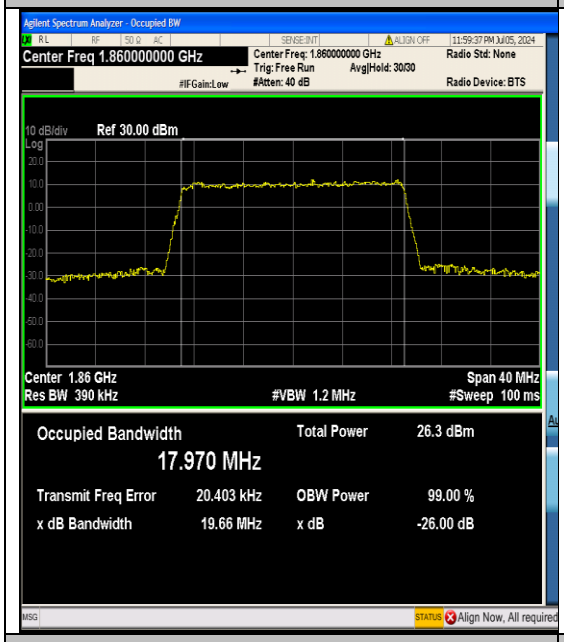
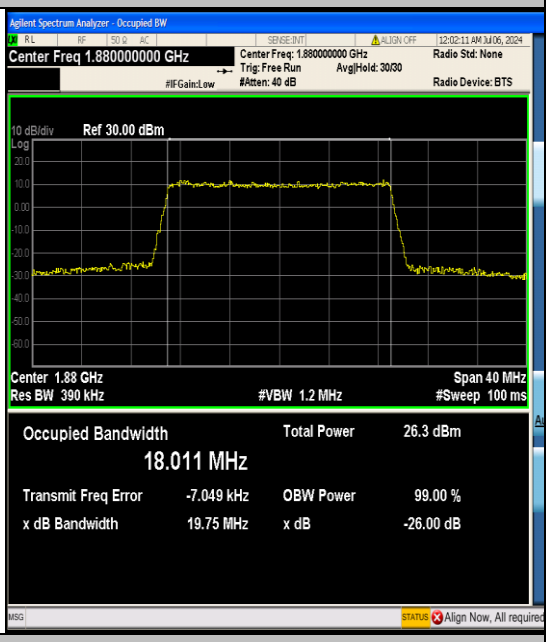
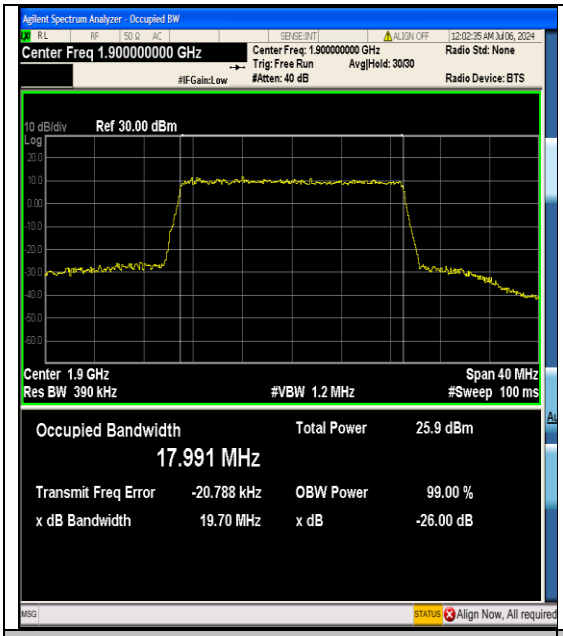


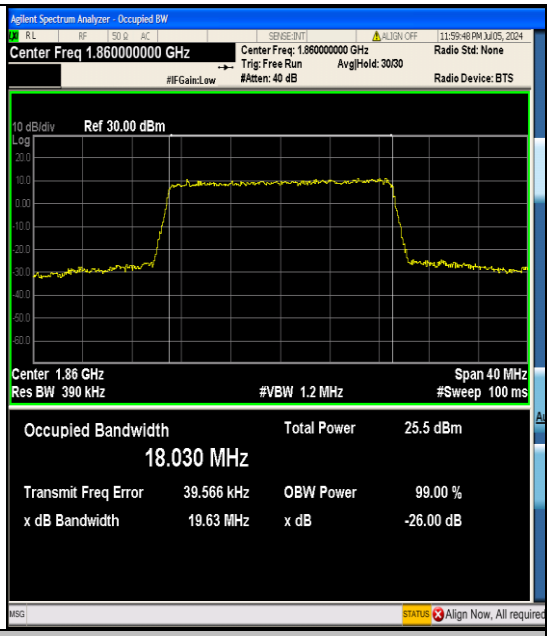
Band2-20MHz-QPSK-18700-100RB#0-PASS



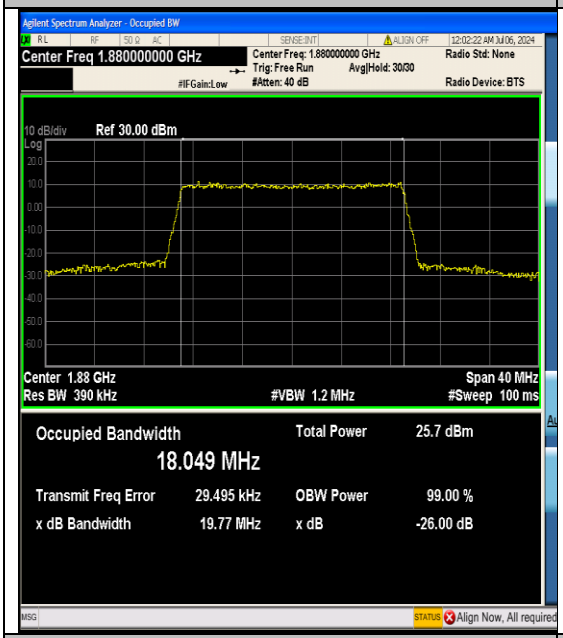
Band2-20MHz-QPSK-18900-100RB#0-PASS



Band2-20MHz-QPSK-19100-100RB#0-PASS



Band2-20MHz-16QAM-18700-100RB#0-PASS



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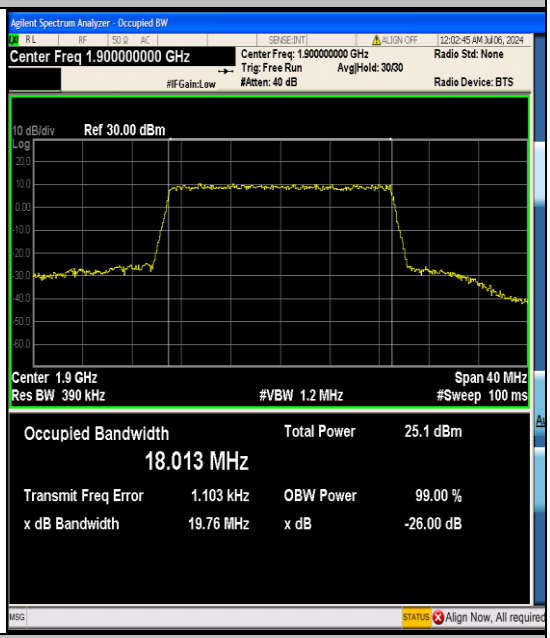


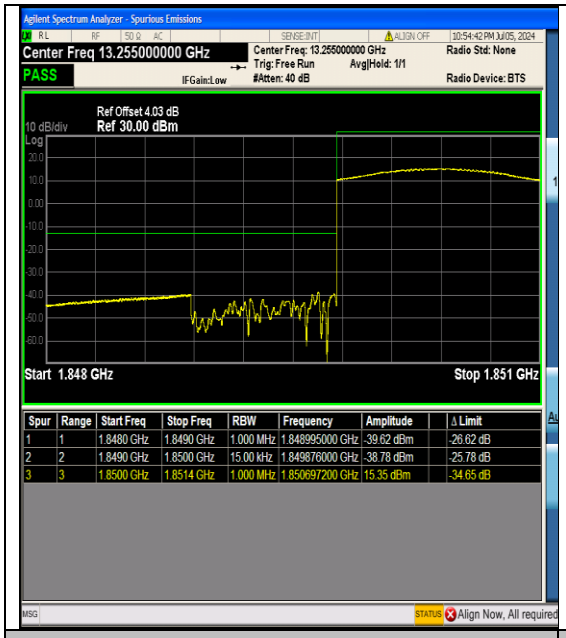
Band2-20MHz-16QAM-19100-100RB#0-PASS

Appendix D: Band Edge

Test Result

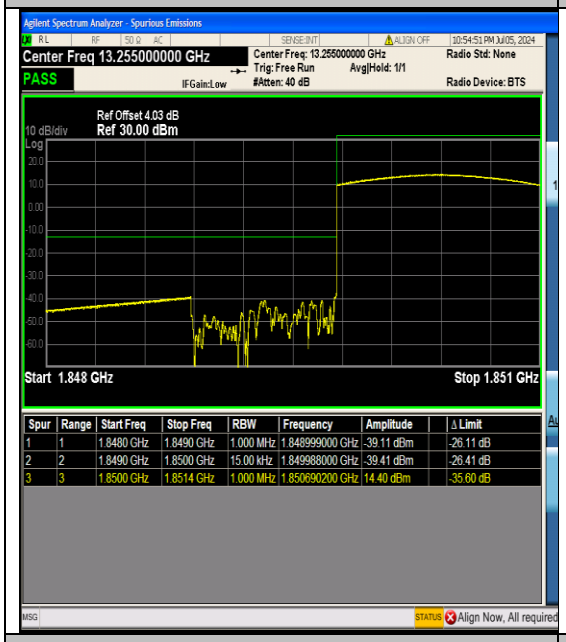
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	-38.78	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-33.25	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-39.11	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-35.43	PASS
Band2	3MHz	QPSK	18615	15RB#0	-34.11	PASS
Band2	3MHz	QPSK	19185	15RB#0	-32.47	PASS
Band2	3MHz	16QAM	18615	15RB#0	-36.87	PASS
Band2	3MHz	16QAM	19185	15RB#0	-34.01	PASS
Band2	5MHz	QPSK	18625	25RB#0	-42.61	PASS
Band2	5MHz	QPSK	19175	25RB#0	-33.46	PASS
Band2	5MHz	16QAM	18625	25RB#0	-41.42	PASS
Band2	5MHz	16QAM	19175	25RB#0	-34.78	PASS
Band2	10MHz	QPSK	18650	50RB#0	-42.62	PASS
Band2	10MHz	QPSK	19150	50RB#0	-35.52	PASS
Band2	10MHz	16QAM	18650	50RB#0	-42.46	PASS
Band2	10MHz	16QAM	19150	50RB#0	-36.02	PASS
Band2	15MHz	QPSK	18675	75RB#0	-40.41	PASS
Band2	15MHz	QPSK	19125	75RB#0	-35.73	PASS
Band2	15MHz	16QAM	18675	75RB#0	-40.76	PASS
Band2	15MHz	16QAM	19125	75RB#0	-37.35	PASS
Band2	20MHz	QPSK	18700	100RB#0	-39.65	PASS
Band2	20MHz	QPSK	19100	100RB#0	-37.70	PASS
Band2	20MHz	16QAM	18700	100RB#0	-41.22	PASS
Band2	20MHz	16QAM	19100	100RB#0	-39.52	PASS

Test Graphs

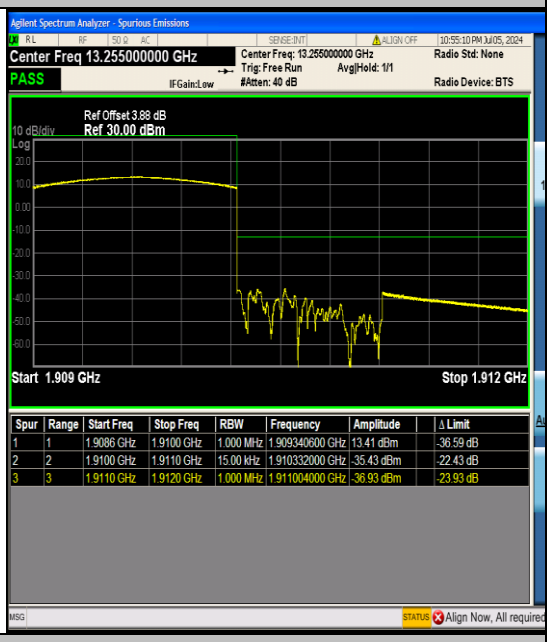


Band2_1.4MHz_QPSK_18607_6RB#0

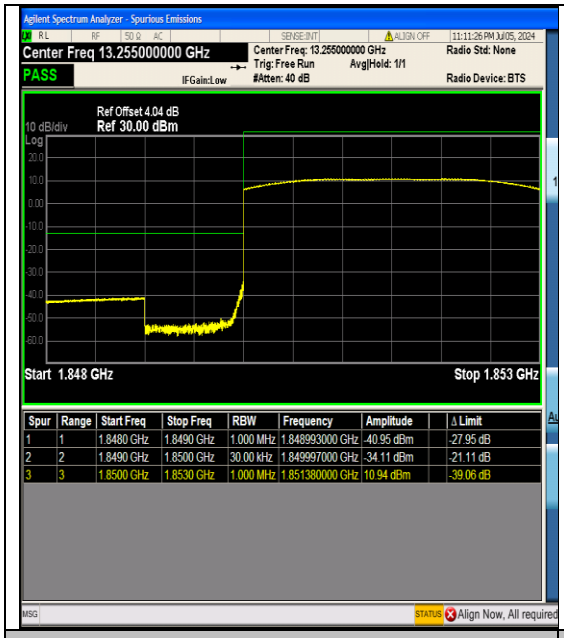
Band2_1.4MHz_QPSK_19193_6RB#0



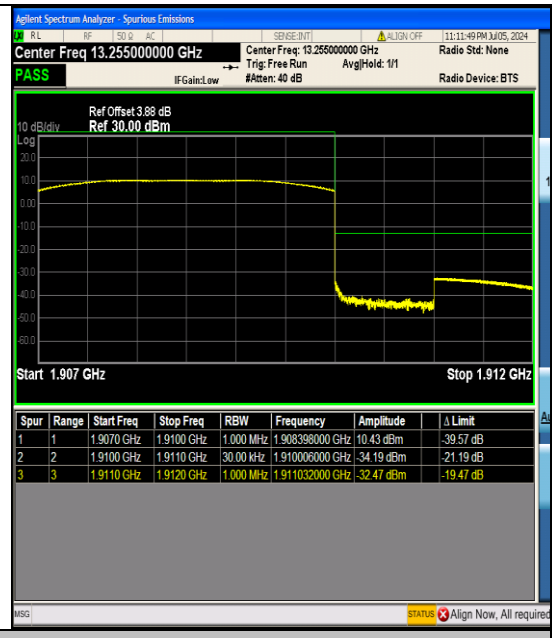
Band2_1.4MHz_16QAM_18607_6RB#0



Band2_1.4MHz_16QAM_19193_6RB#0



Band2_3MHz_QPSK_18615_15RB#0



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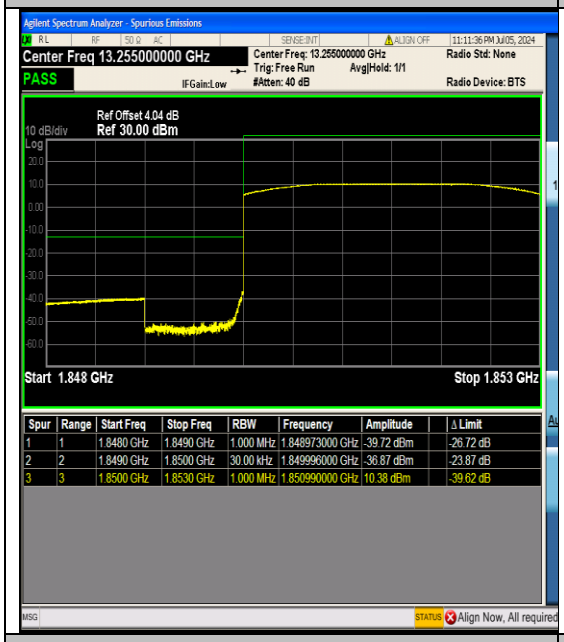
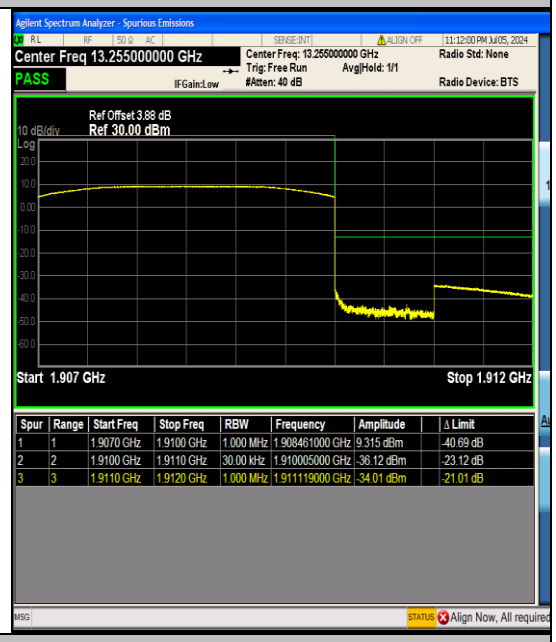


Band2_3MHz_16QAM_18615_15RB#0



Band2_3MHz_16QAM_19185_15RB#0