

FCC LTE Band Test Data

FCC ID : 2A8ZB-G232

Company: : Shenzhen Weiwo Intelligent Electronics Co., Ltd

EUT : 4G smartwatch

Model Number : G232

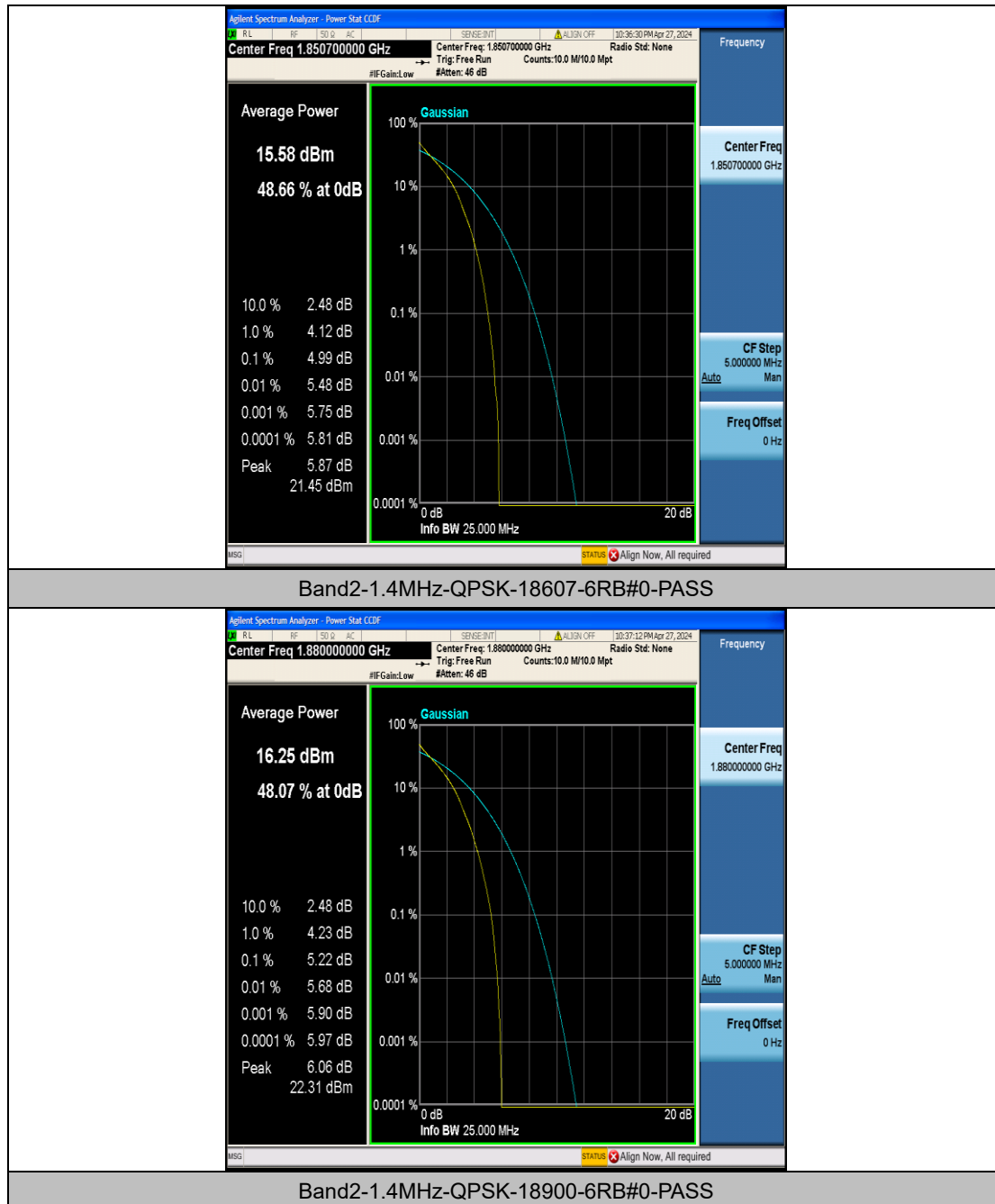
Reviewed By : Eric Wang

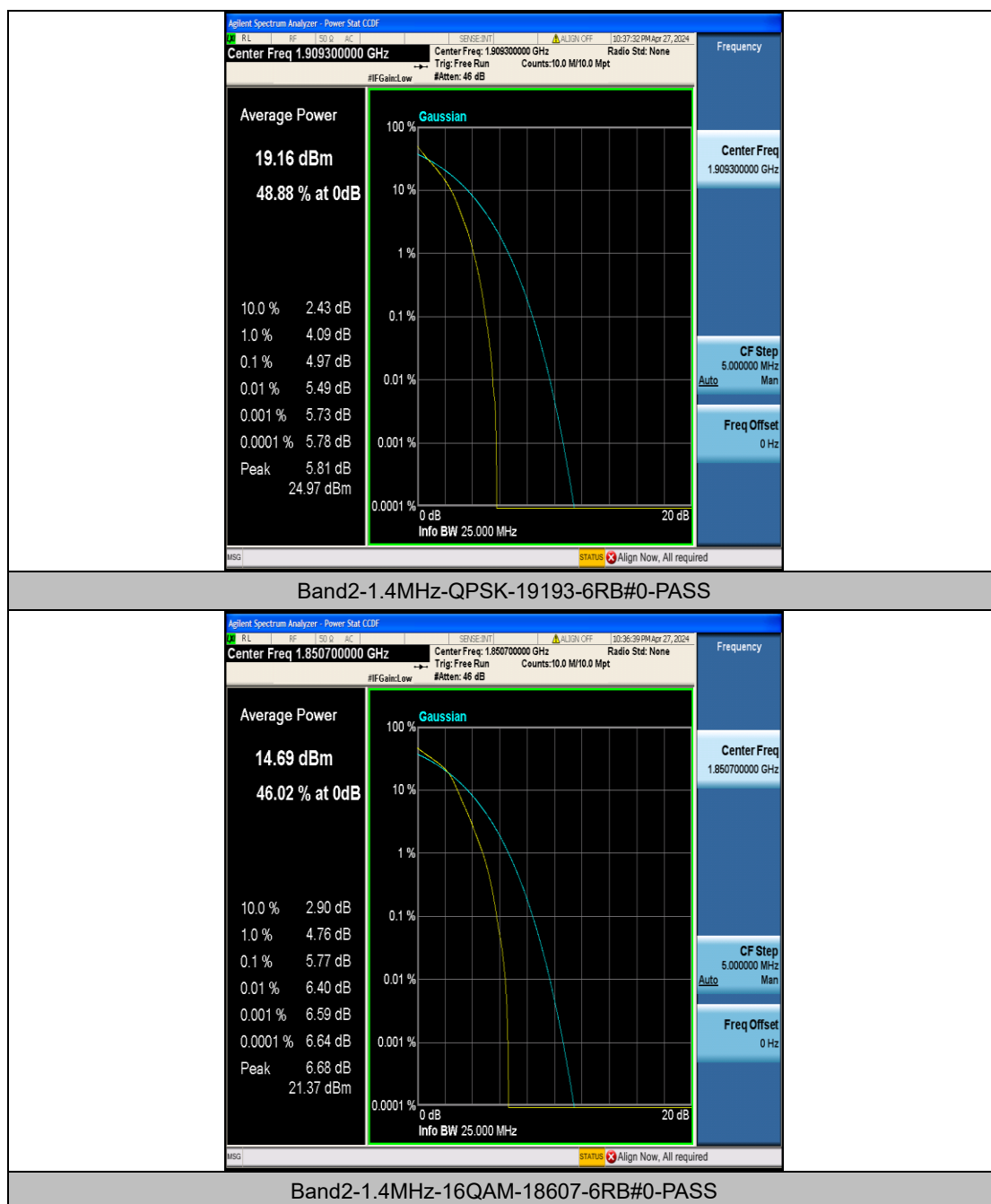
Appendix B: Peak-to-Average Ratio(CCDF)

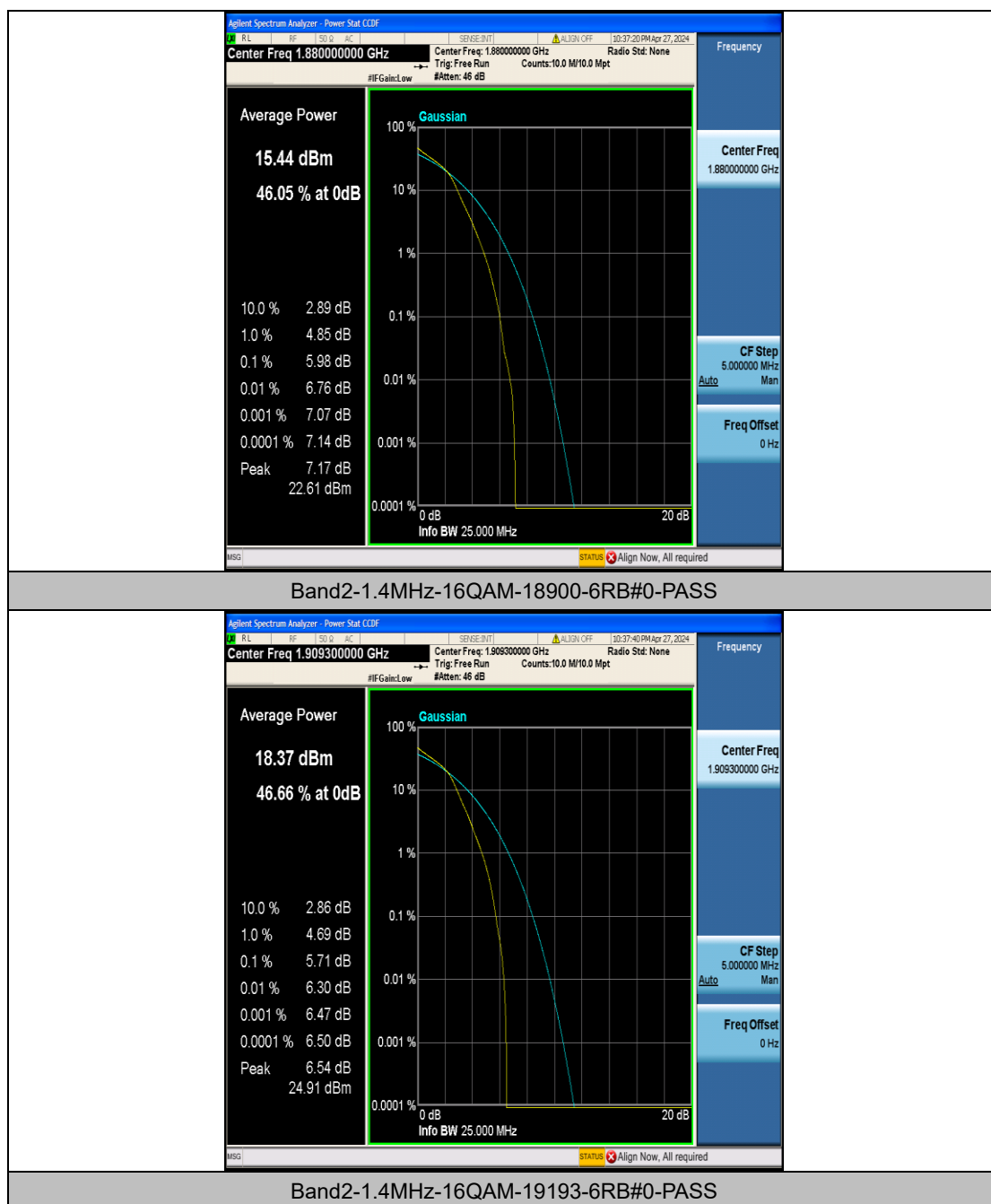
Test Result

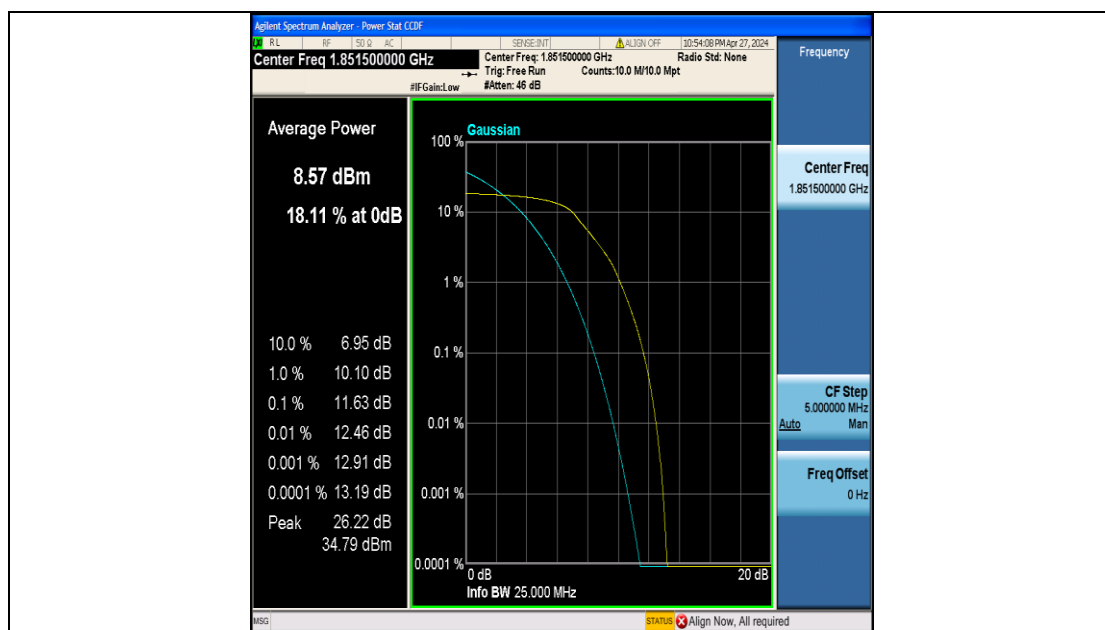
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	4.99	13	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	5.22	13	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	4.97	13	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	5.77	13	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	5.98	13	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	5.71	13	PASS
Band2	3MHz	QPSK	18615	15RB#0	11.63	13	PASS
Band2	3MHz	QPSK	18900	15RB#0	6.65	13	PASS
Band2	3MHz	QPSK	19185	15RB#0	5.15	13	PASS
Band2	3MHz	16QAM	18615	15RB#0	5.94	13	PASS
Band2	3MHz	16QAM	18900	15RB#0	6.06	13	PASS
Band2	3MHz	16QAM	19185	15RB#0	5.88	13	PASS
Band2	5MHz	QPSK	18625	25RB#0	5.09	13	PASS
Band2	5MHz	QPSK	18900	25RB#0	5.23	13	PASS
Band2	5MHz	QPSK	19175	25RB#0	5.07	13	PASS
Band2	5MHz	16QAM	18625	25RB#0	5.80	13	PASS
Band2	5MHz	16QAM	18900	25RB#0	5.93	13	PASS
Band2	5MHz	16QAM	19175	25RB#0	5.77	13	PASS
Band2	10MHz	QPSK	18650	50RB#0	5.00	13	PASS
Band2	10MHz	QPSK	18900	50RB#0	5.21	13	PASS
Band2	10MHz	QPSK	19150	50RB#0	5.07	13	PASS
Band2	10MHz	16QAM	18650	50RB#0	5.78	13	PASS
Band2	10MHz	16QAM	18900	50RB#0	5.93	13	PASS
Band2	10MHz	16QAM	19150	50RB#0	5.84	13	PASS
Band2	15MHz	QPSK	18675	75RB#0	5.26	13	PASS
Band2	15MHz	QPSK	18900	75RB#0	5.58	13	PASS
Band2	15MHz	QPSK	19125	75RB#0	5.39	13	PASS
Band2	15MHz	16QAM	18675	75RB#0	5.87	13	PASS
Band2	15MHz	16QAM	18900	75RB#0	6.09	13	PASS
Band2	15MHz	16QAM	19125	75RB#0	6.00	13	PASS
Band2	20MHz	QPSK	18700	100RB#0	5.39	13	PASS
Band2	20MHz	QPSK	18900	100RB#0	5.41	13	PASS
Band2	20MHz	QPSK	19100	100RB#0	5.30	13	PASS
Band2	20MHz	16QAM	18700	100RB#0	6.12	13	PASS
Band2	20MHz	16QAM	18900	100RB#0	6.12	13	PASS
Band2	20MHz	16QAM	19100	100RB#0	6.04	13	PASS

Test Graphs

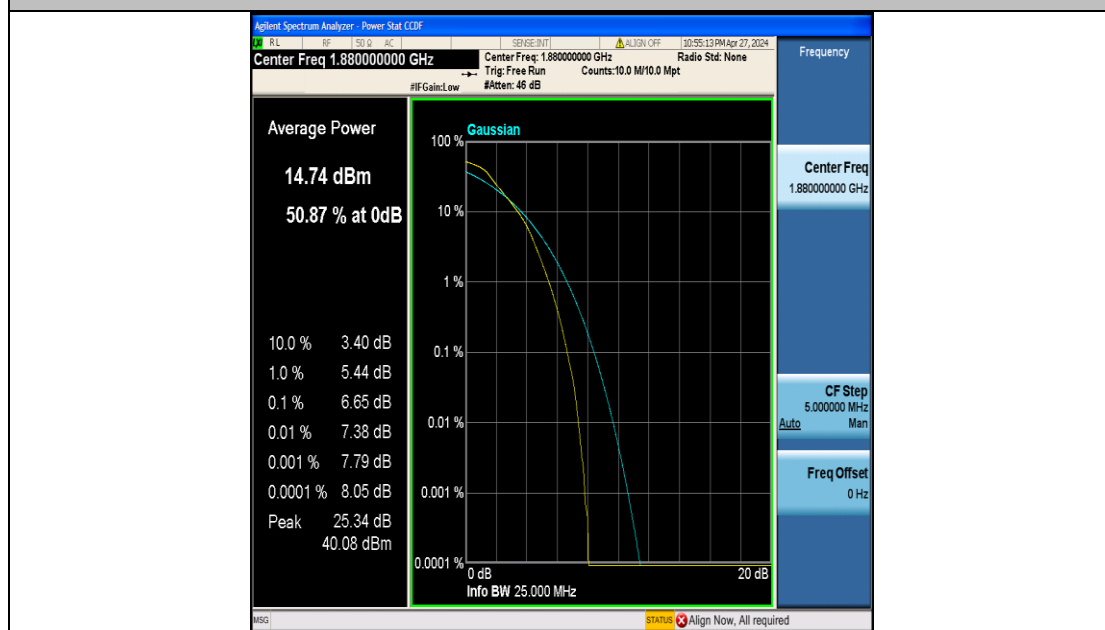




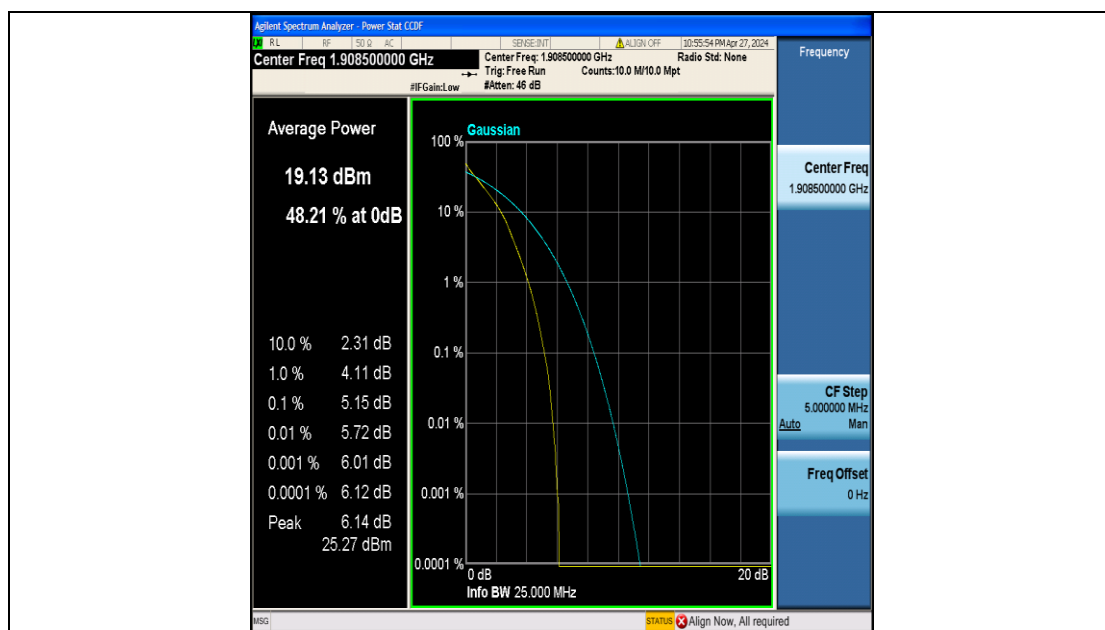




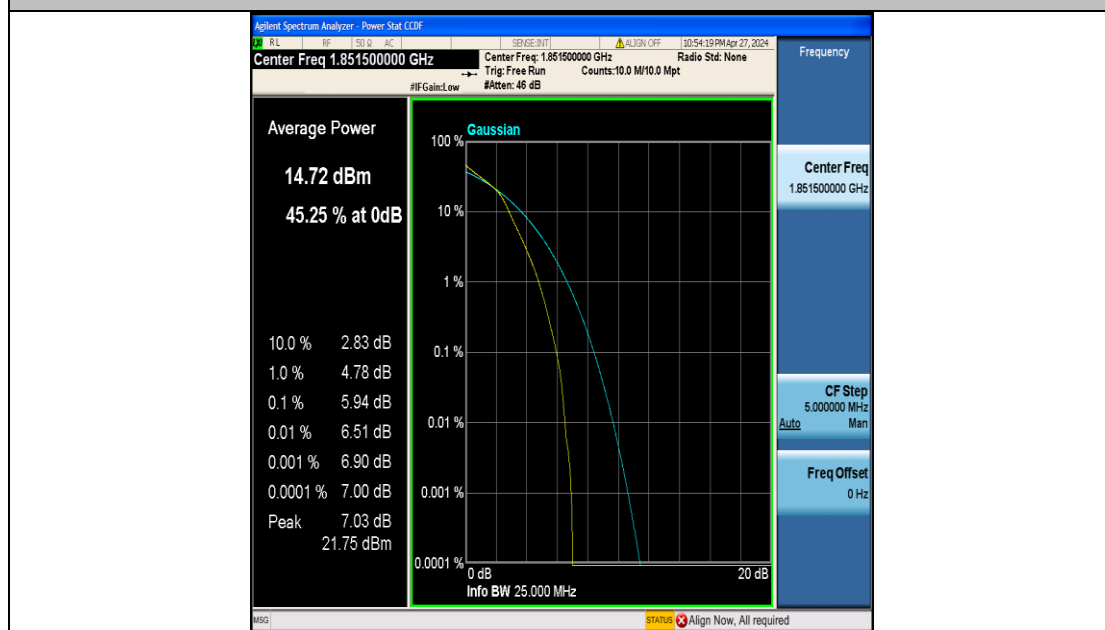
Band2-3MHz-QPSK-18615-15RB#0-PASS



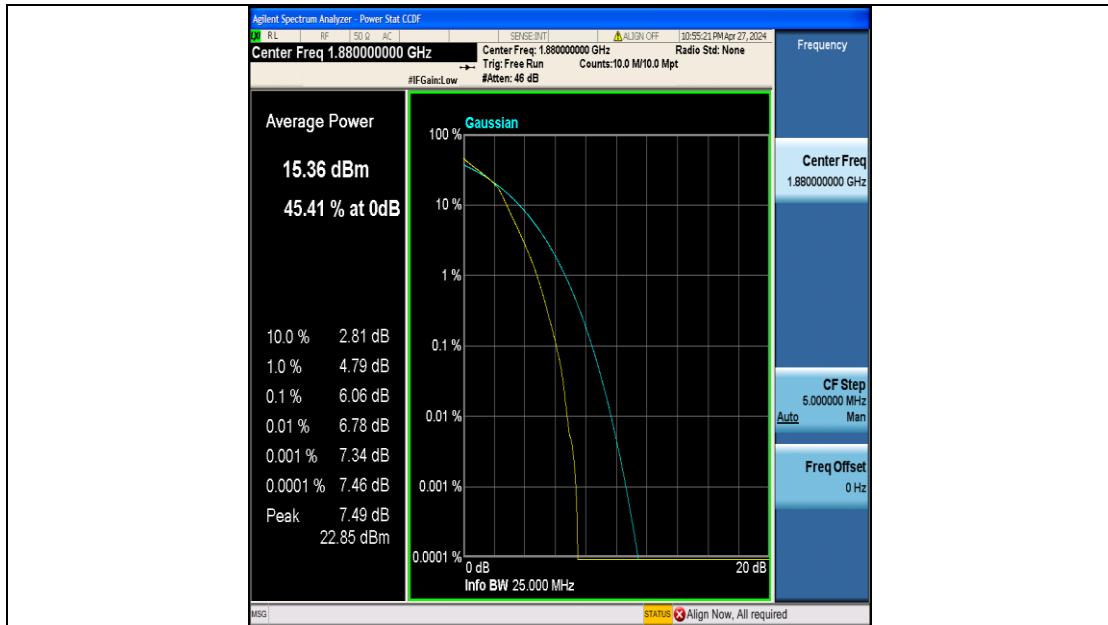
Band2-3MHz-QPSK-18900-15RB#0-PASS



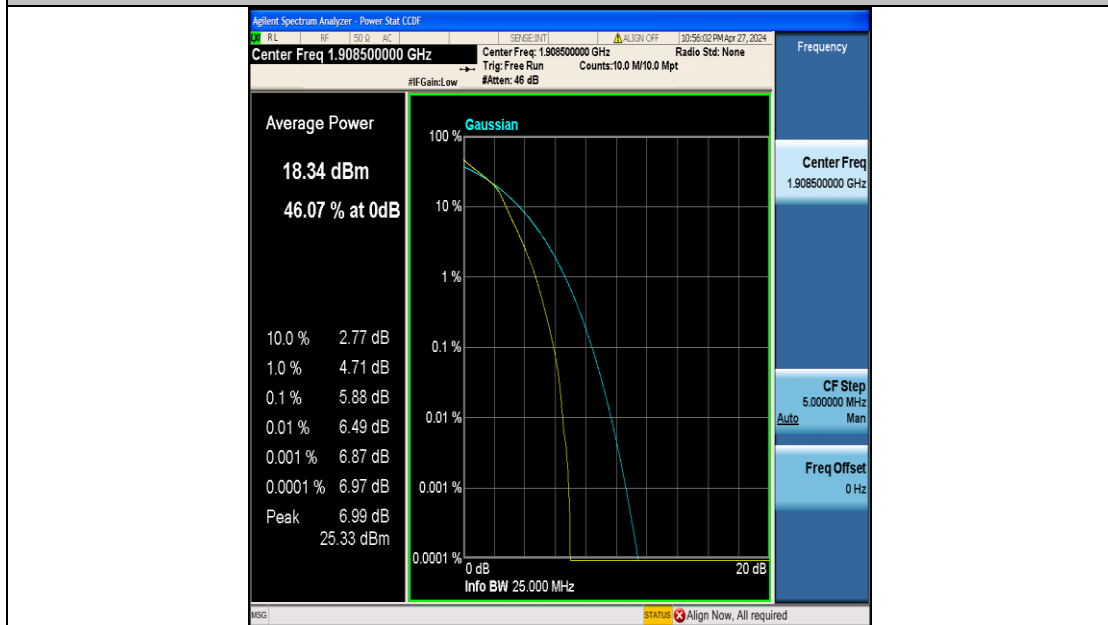
Band2-3MHz-QPSK-19185-15RB#0-PASS



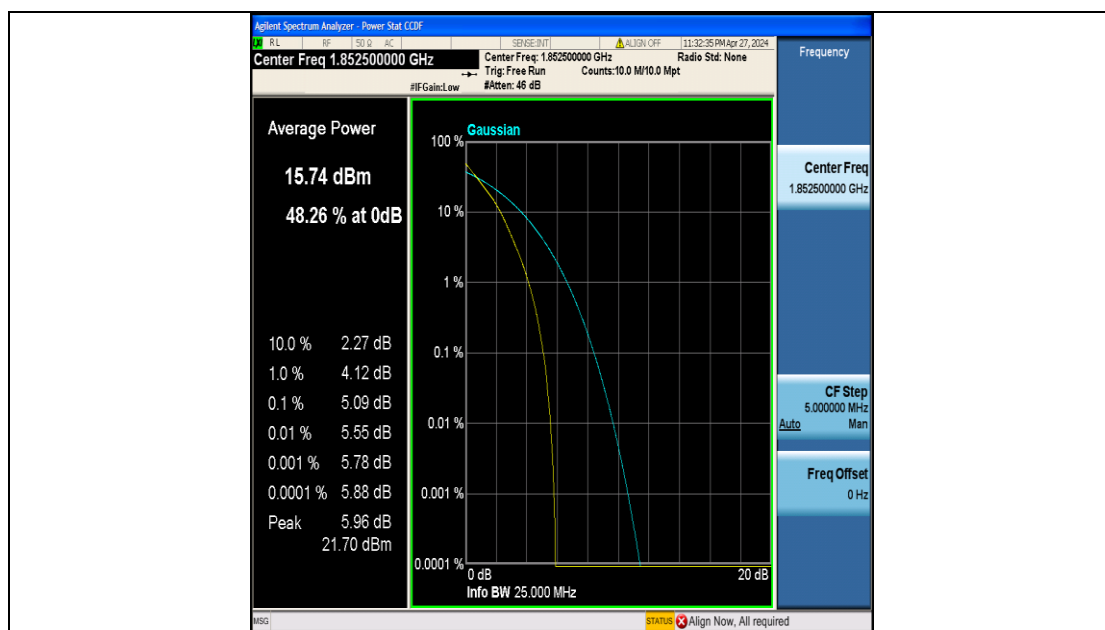
Band2-3MHz-16QAM-18615-15RB#0-PASS



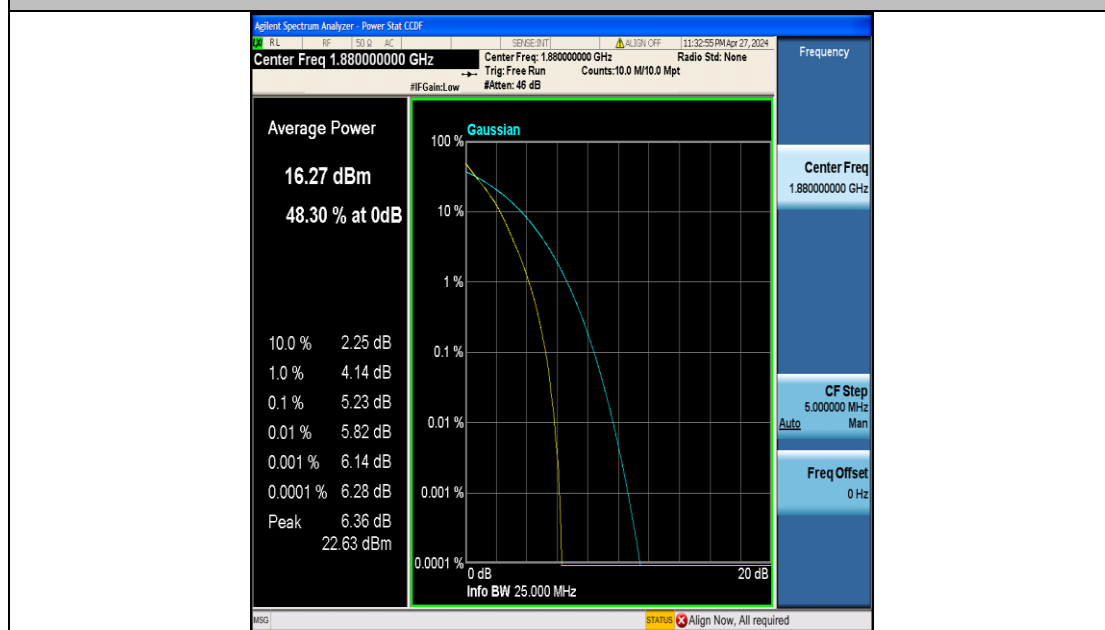
Band2-3MHz-16QAM-18900-15RB#0-PASS



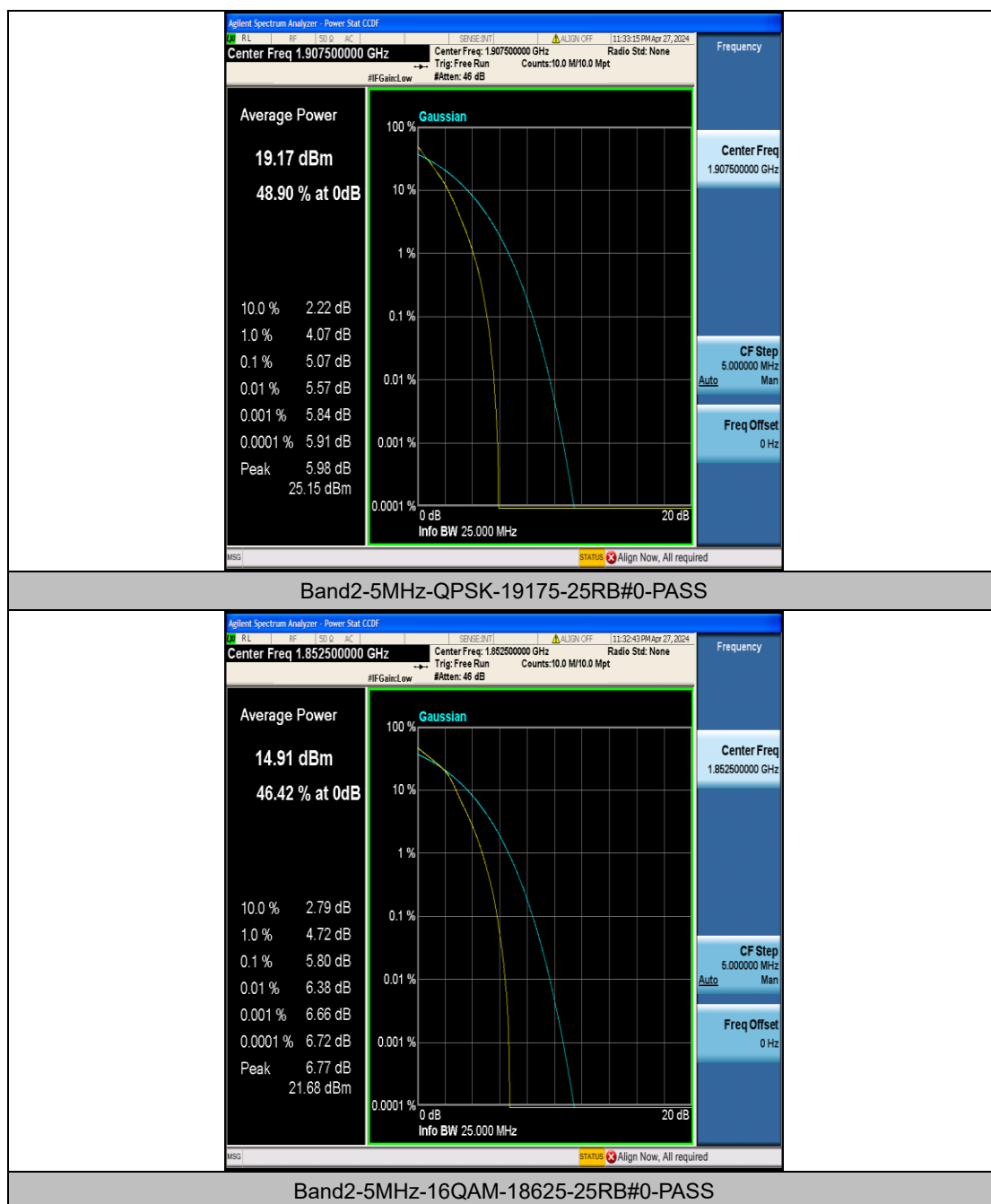
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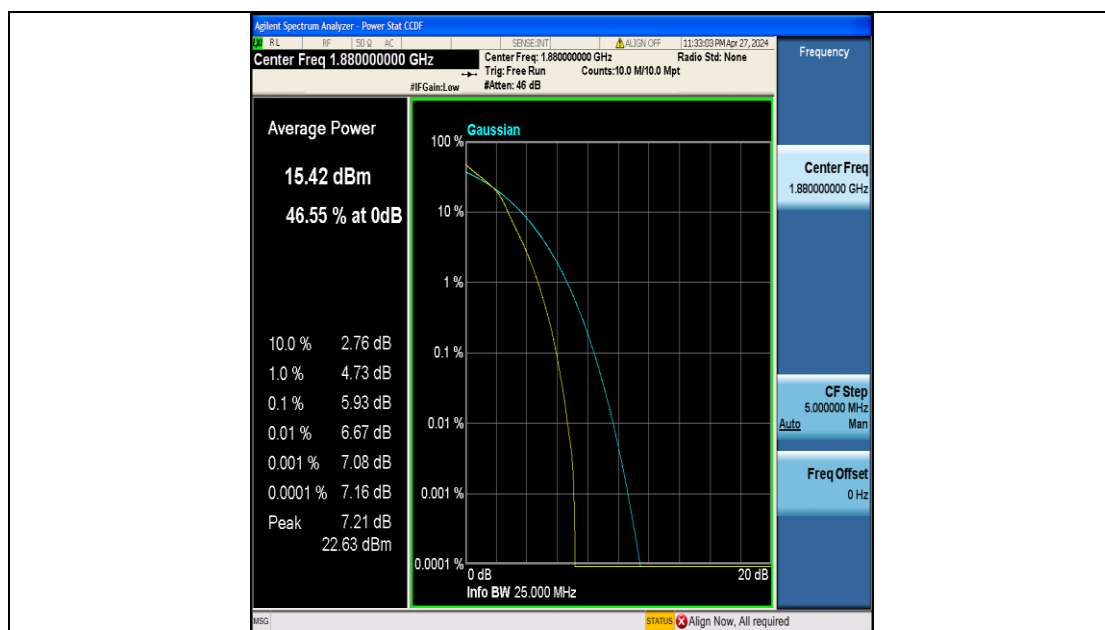


Band2-5MHz-QPSK-18625-25RB#0-PASS

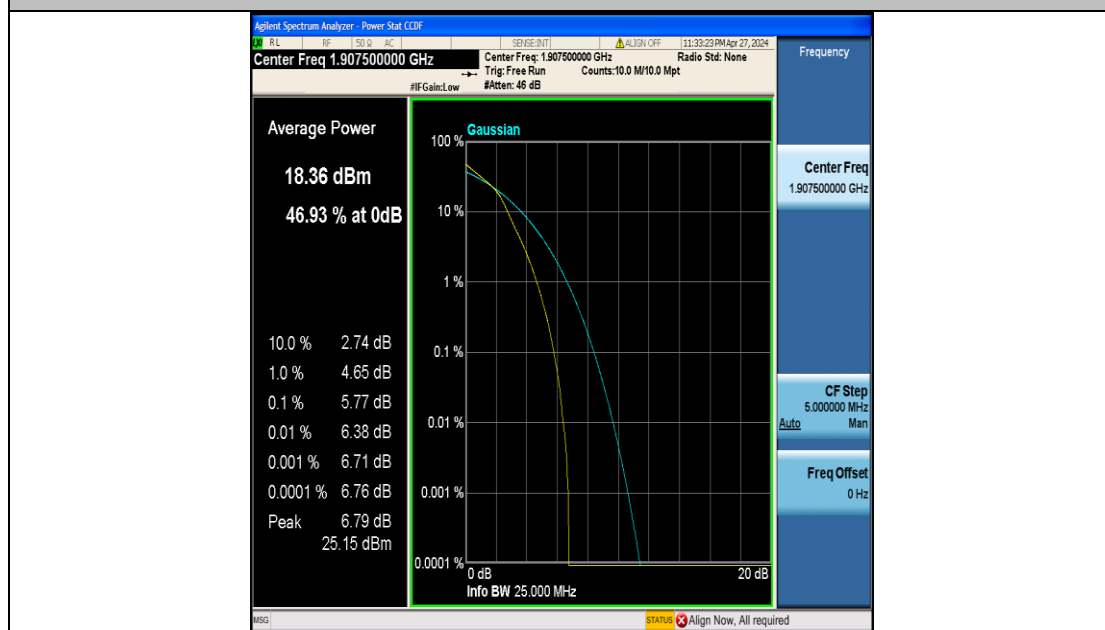


Band2-5MHz-QPSK-18900-25RB#0-PASS

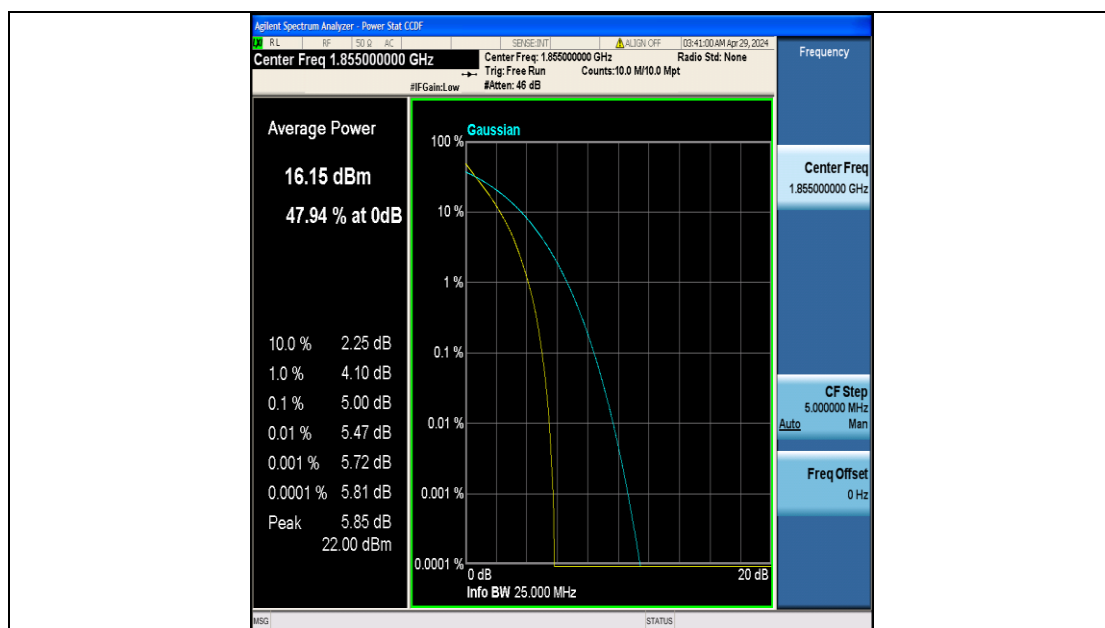




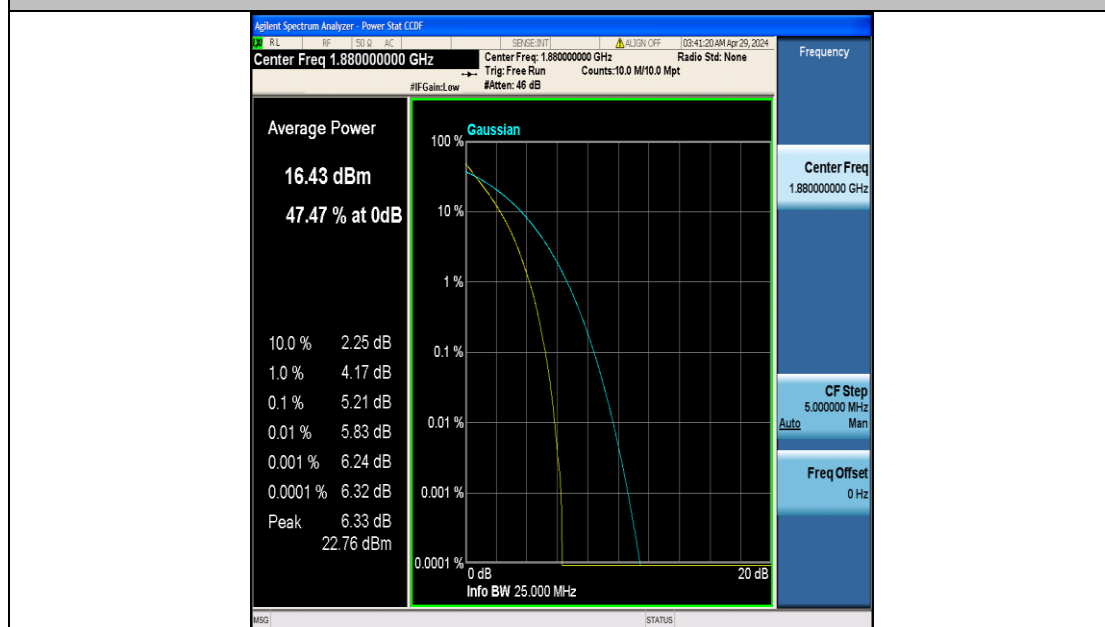
Band2-5MHz-16QAM-18900-25RB#0-PASS



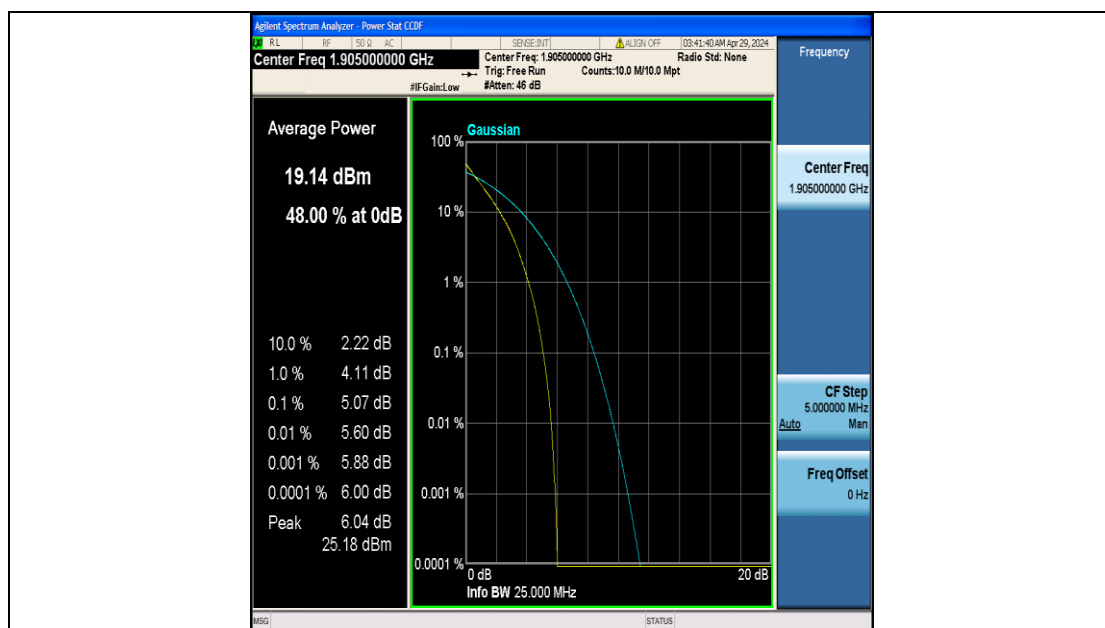
Band2-5MHz-16QAM-19175-25RB#0-PASS



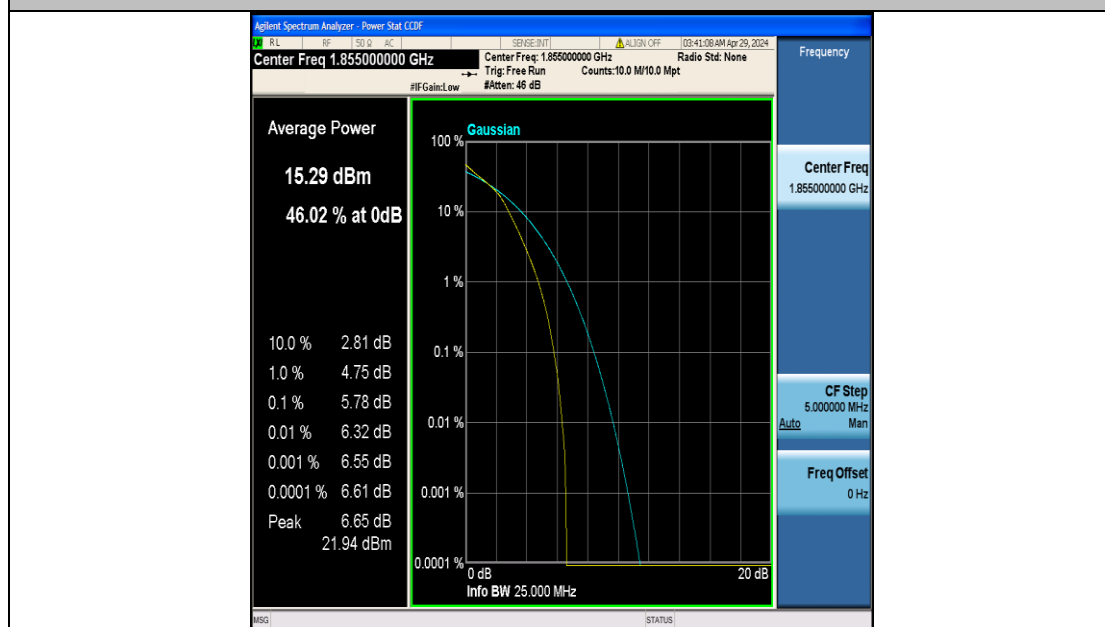
Band2-10MHz-QPSK-18650-50RB#0-PASS



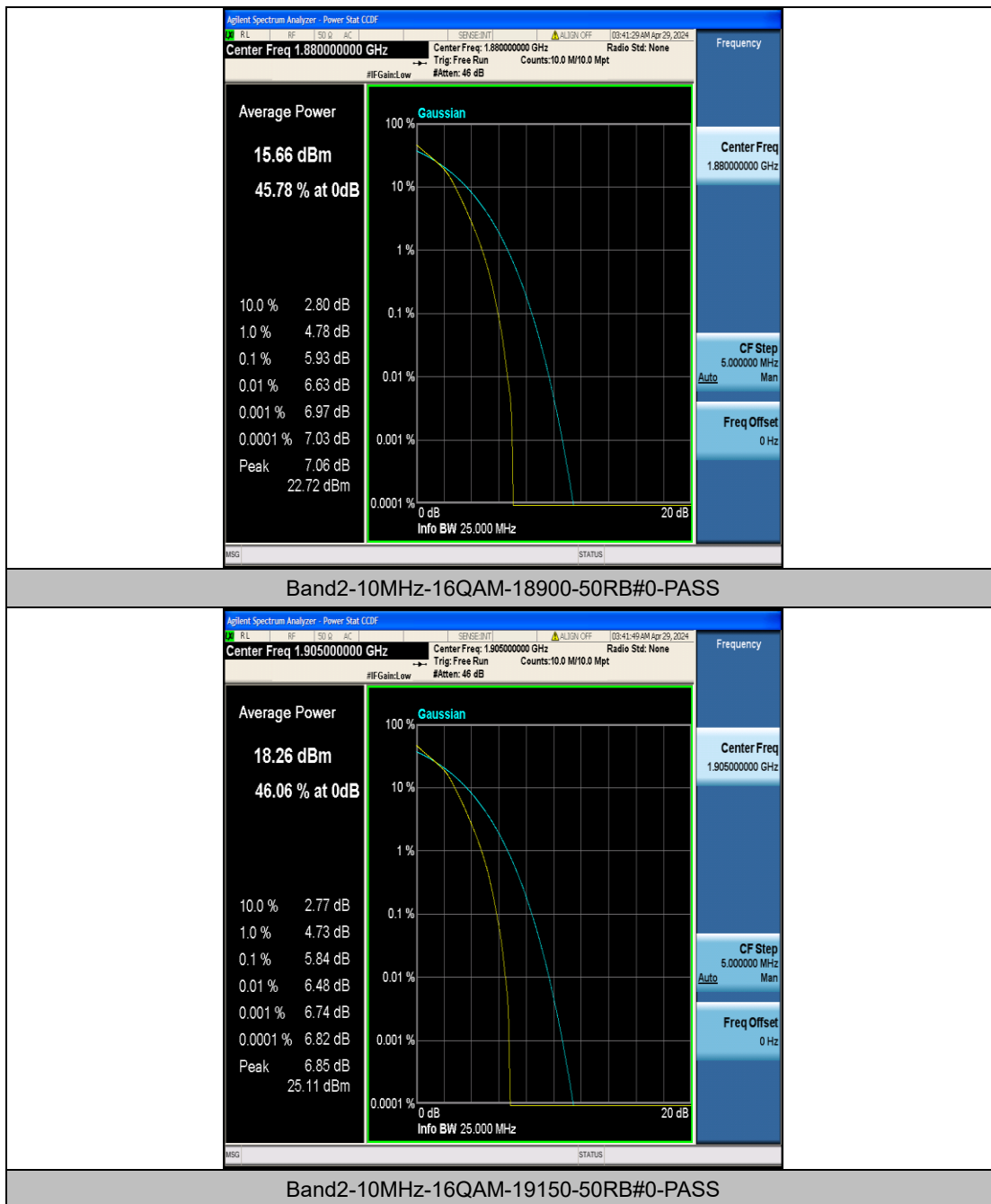
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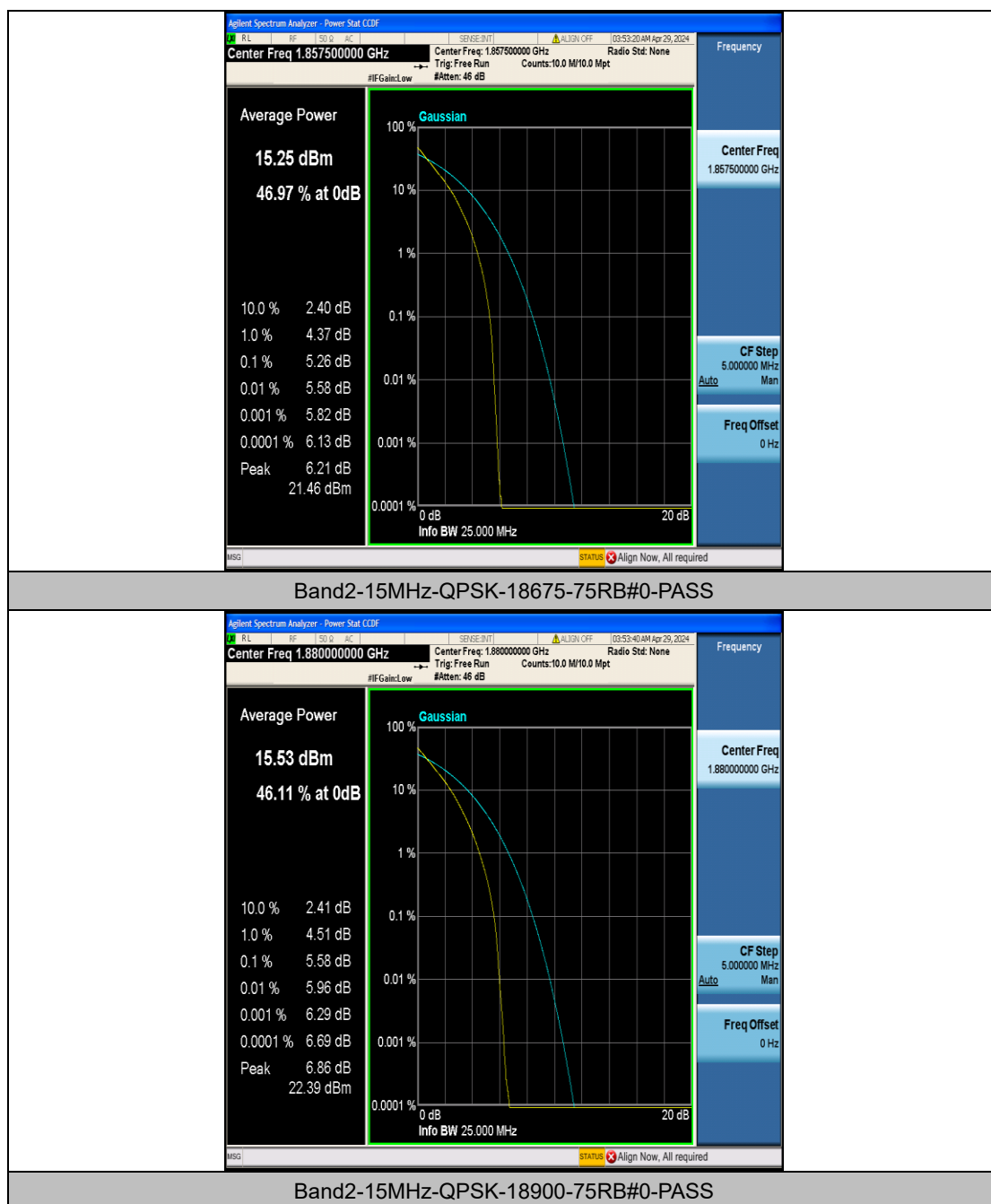


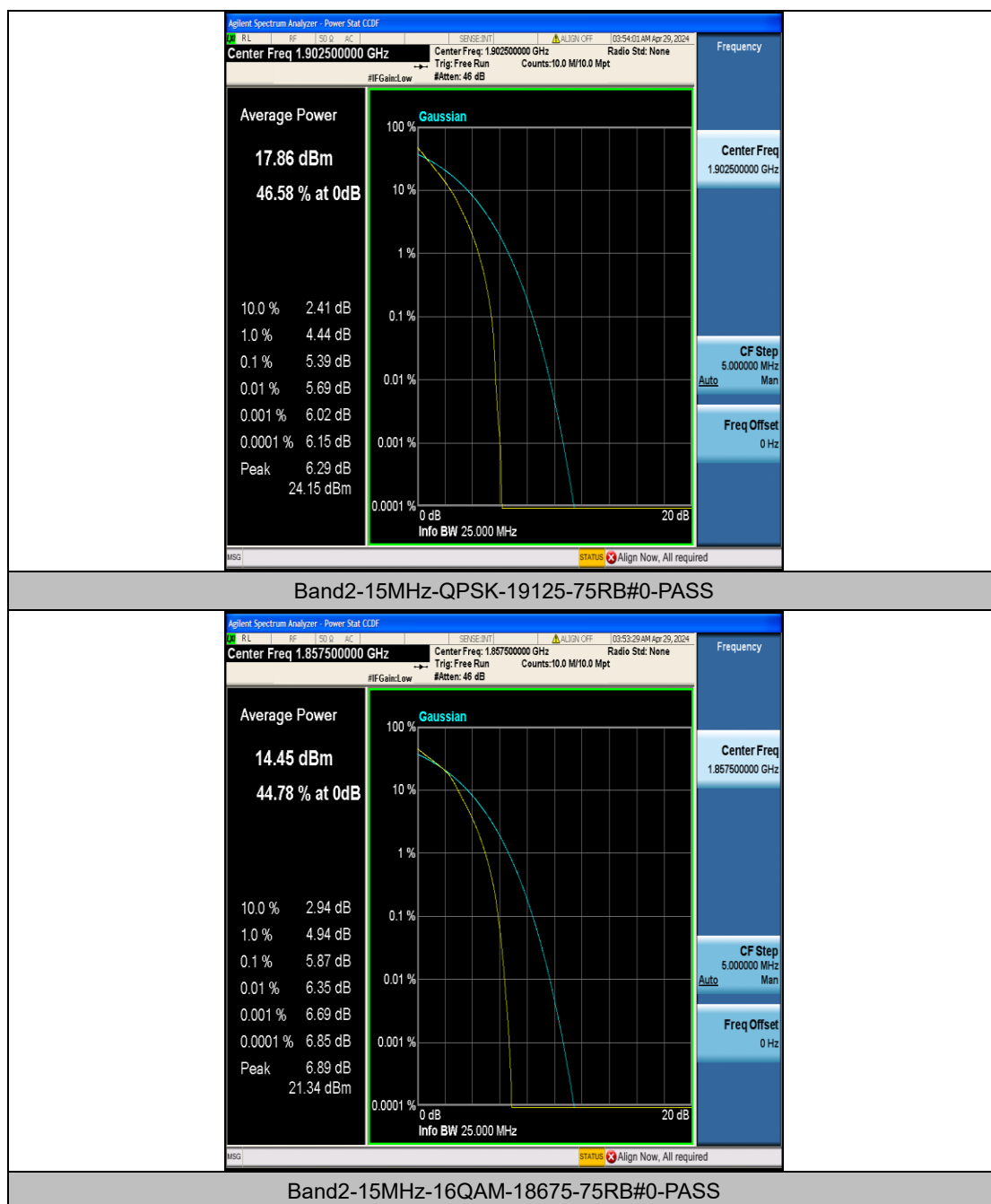
Band2-10MHz-QPSK-19150-50RB#0-PASS

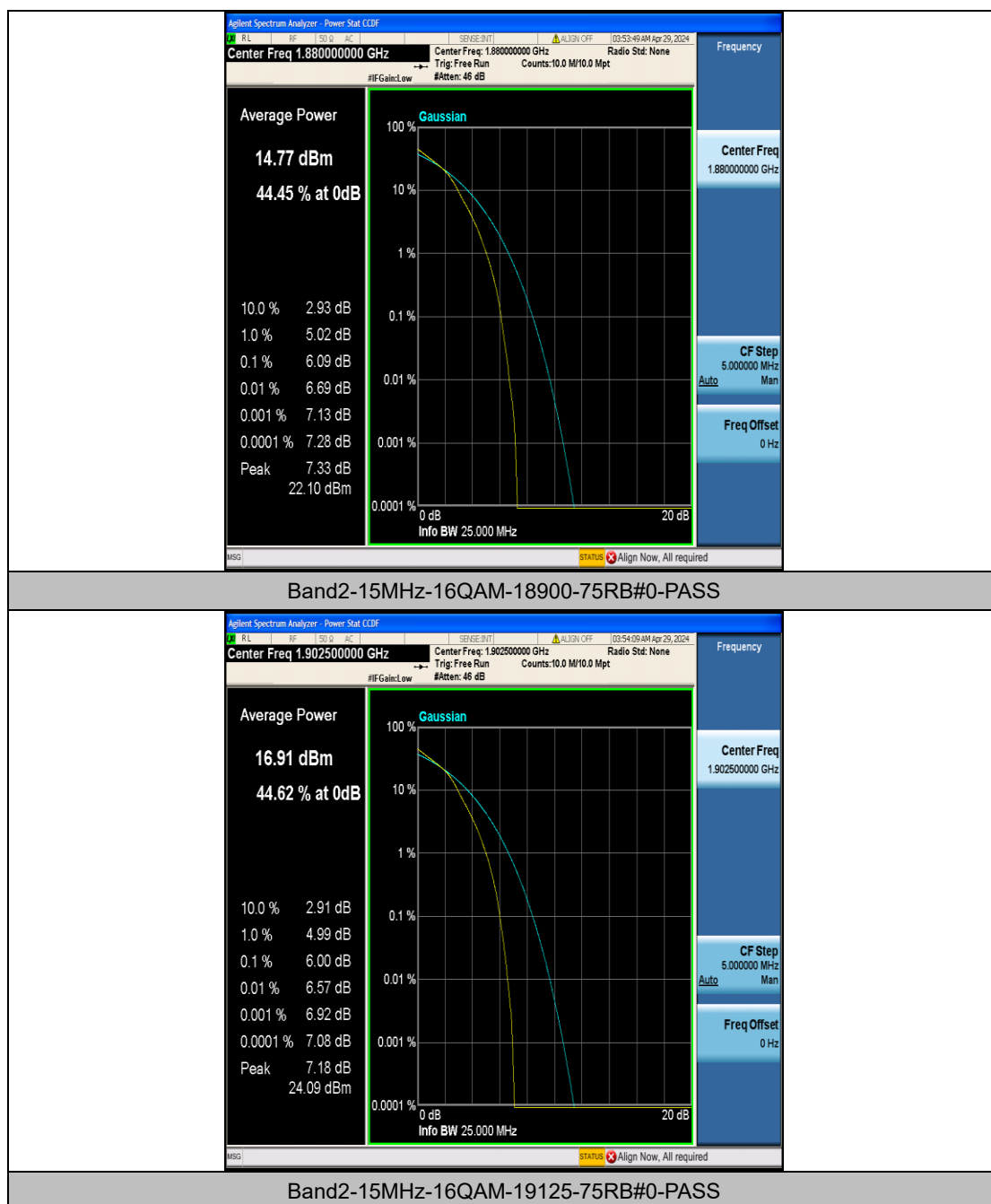


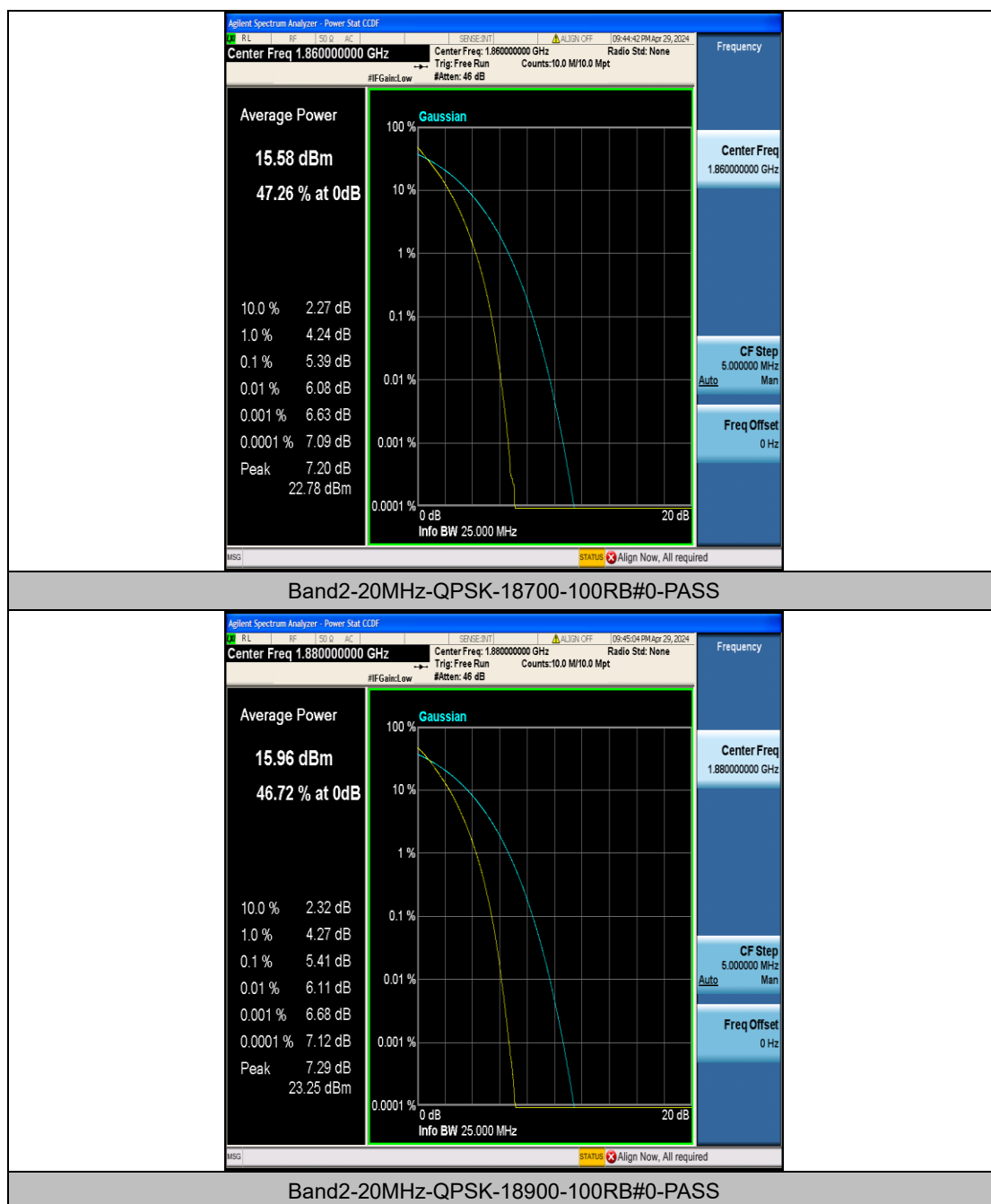
Band2-10MHz-16QAM-18650-50RB#0-PASS

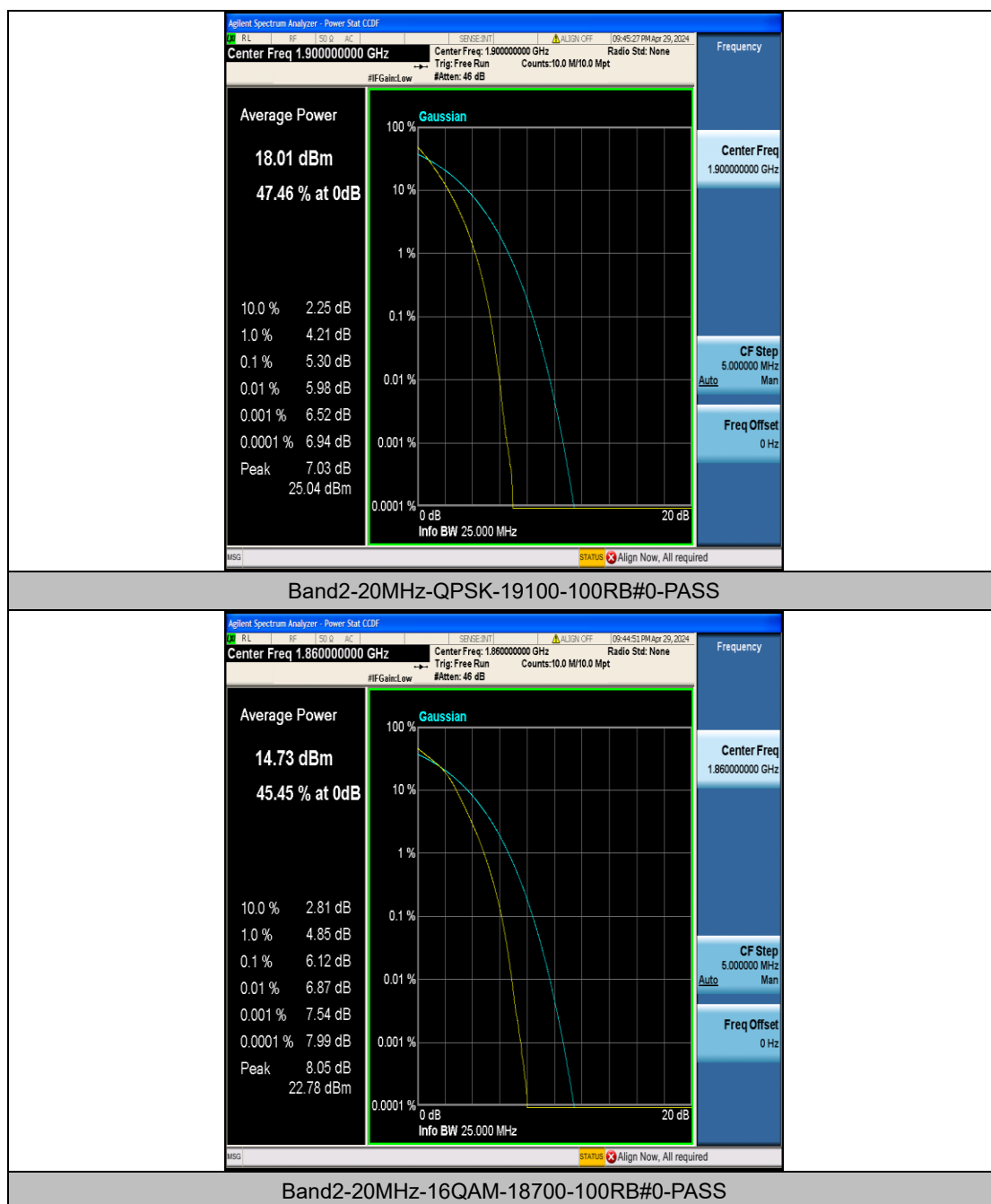


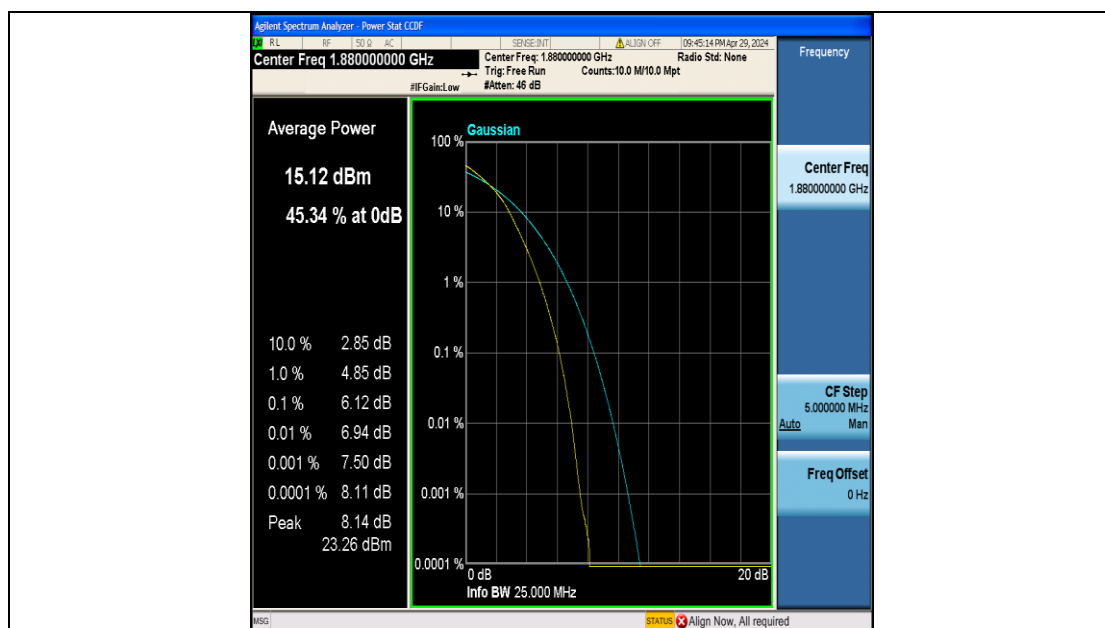




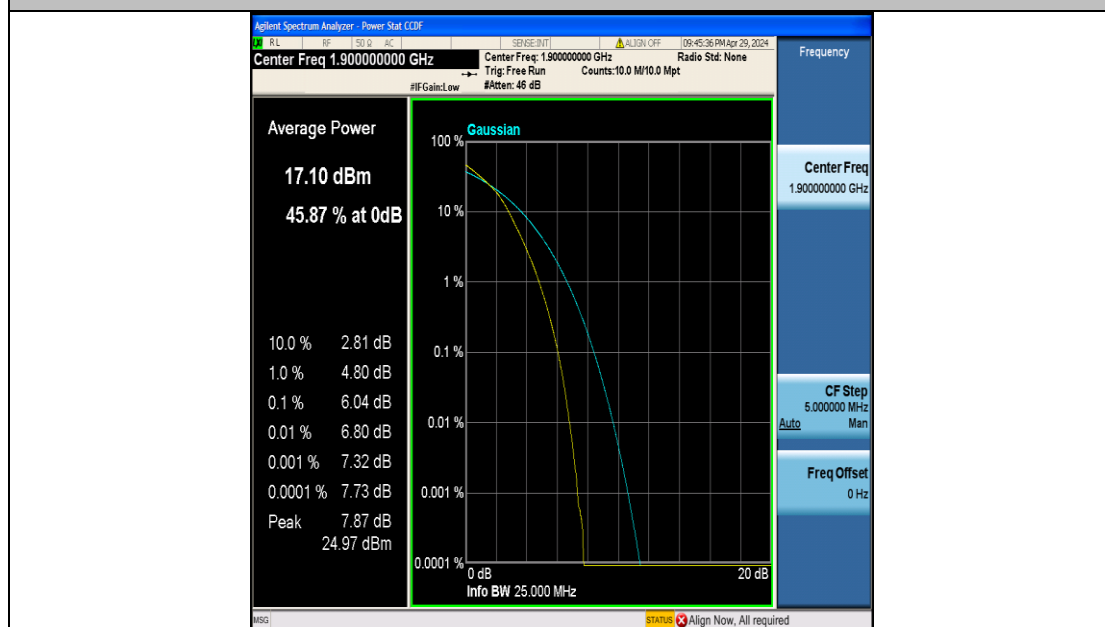








Band2-20MHz-16QAM-18900-100RB#0-PASS



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

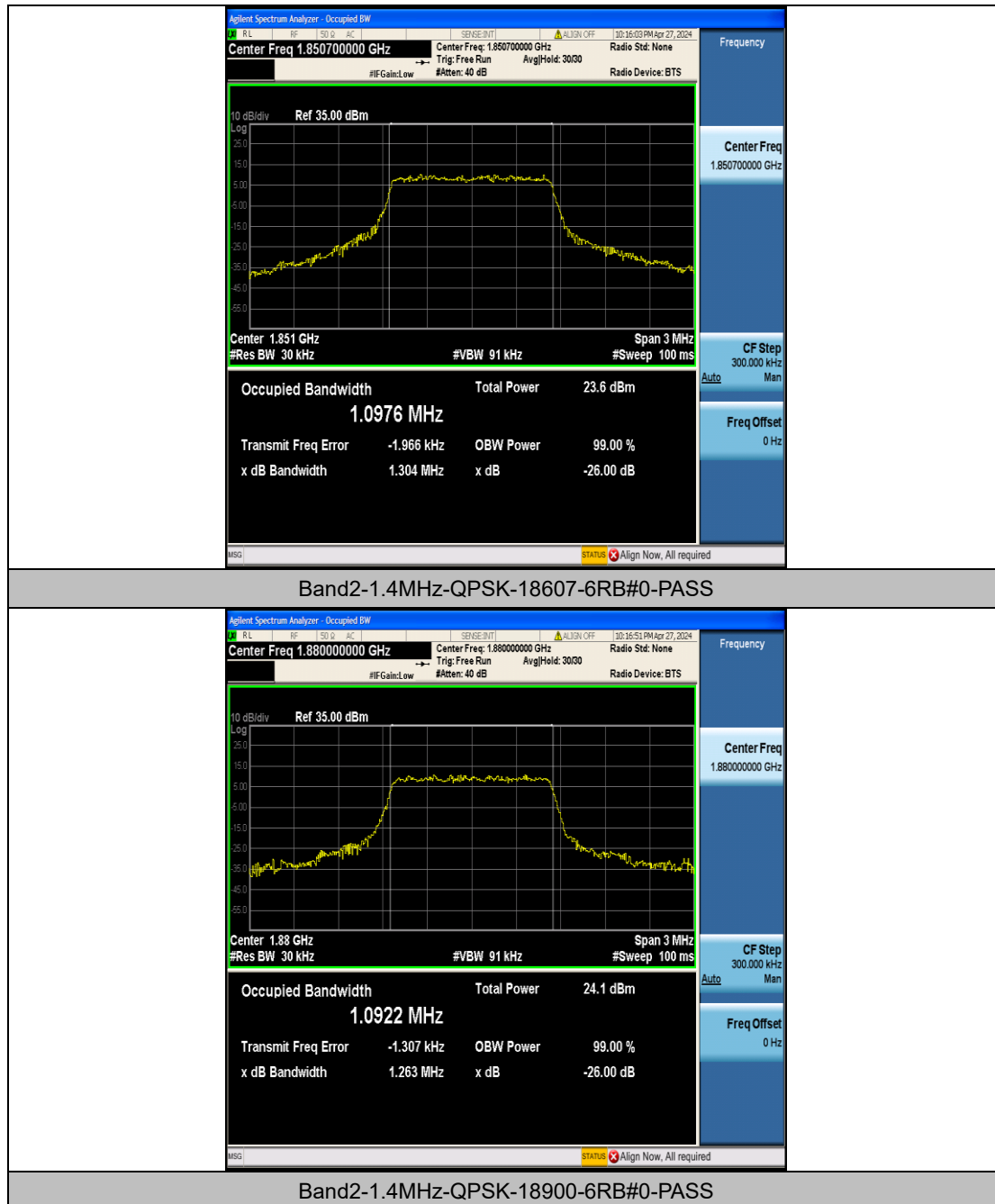
Appendix C: 26dB Bandwidth and Occupied Bandwidth

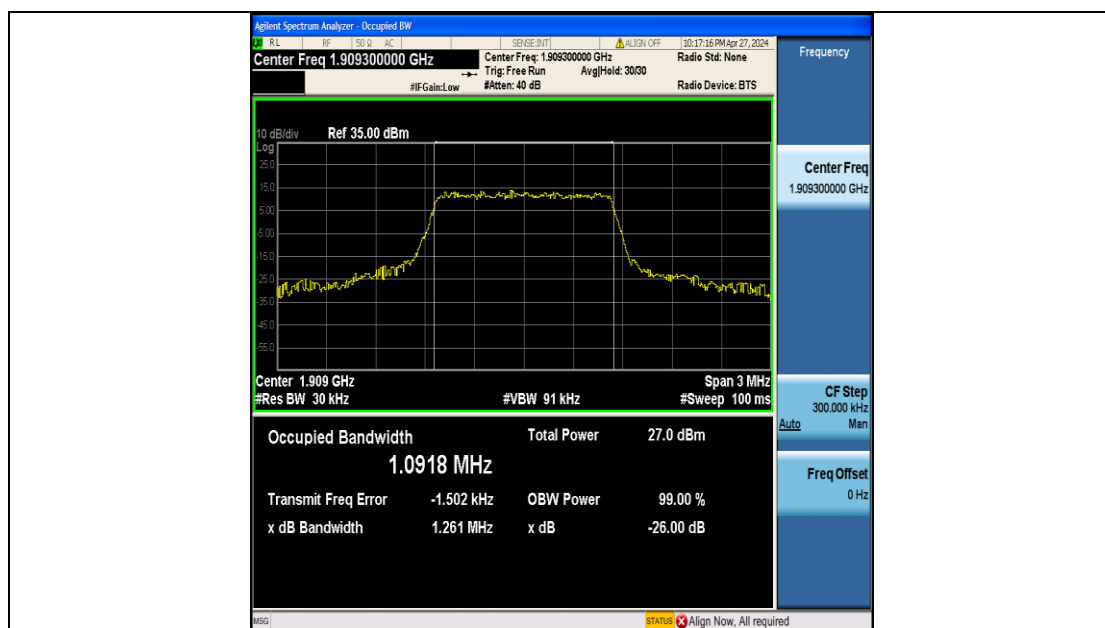
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0976	1.304	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0922	1.263	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0918	1.261	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0994	1.288	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.1003	1.269	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.1041	1.271	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.7172	3.083	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.7124	3.047	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.7164	3.034	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.7009	3.056	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.7097	3.037	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.7016	3.025	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5155	5.238	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5249	5.331	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5235	5.331	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.5485	5.474	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5186	5.321	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5156	5.295	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9879	10.09	PASS
Band2	10MHz	QPSK	18900	50RB#0	9.0040	10.09	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9942	10.12	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.9810	10.04	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.9990	10.25	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.9956	10.12	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.432	15.24	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.510	15.21	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.518	15.42	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.468	15.26	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.483	15.05	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.502	15.14	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.949	19.98	PASS
Band2	20MHz	QPSK	18900	100RB#0	18.038	20.10	PASS
Band2	20MHz	QPSK	19100	100RB#0	18.004	20.15	PASS
Band2	20MHz	16QAM	18700	100RB#0	17.950	20.26	PASS

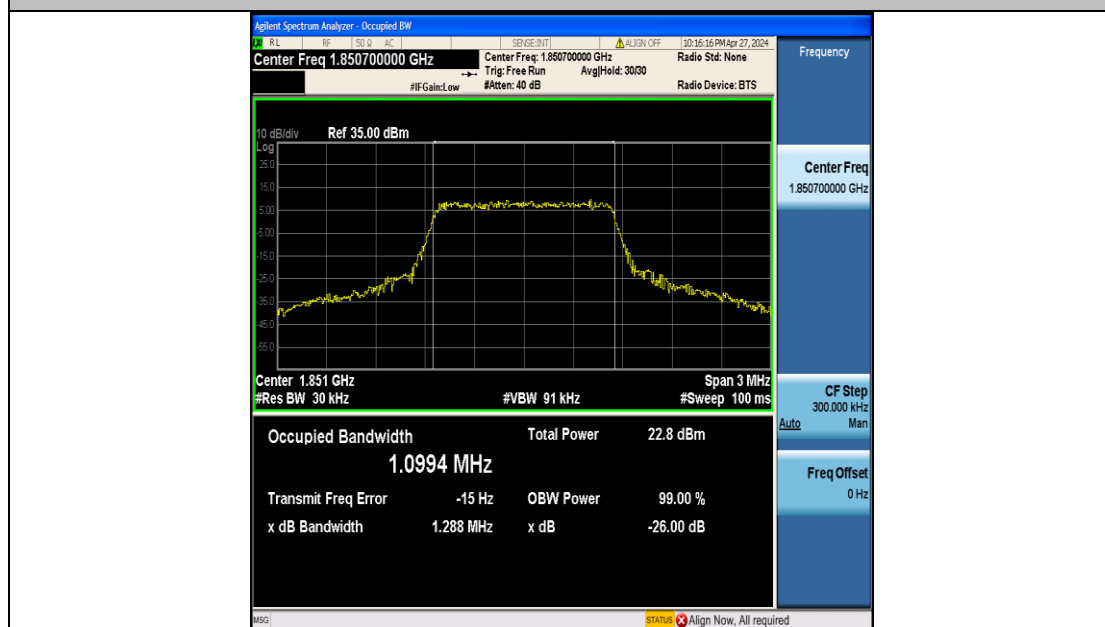
Band2	20MHz	16QAM	18900	100RB#0	18.056	20.10	PASS
Band2	20MHz	16QAM	19100	100RB#0	18.036	19.94	PASS

Test Graphs

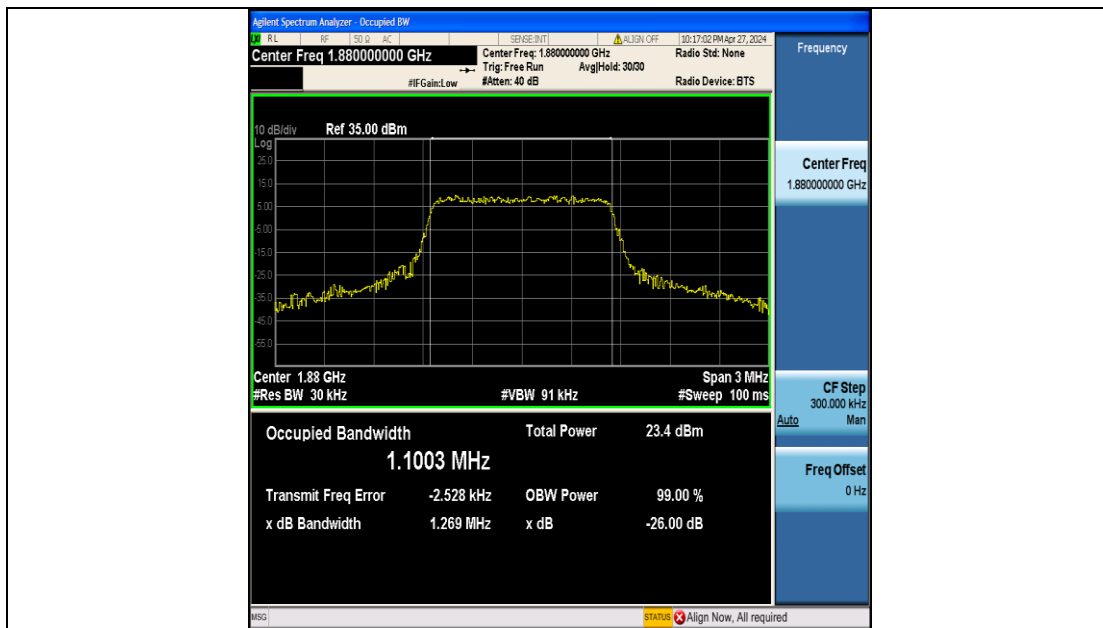




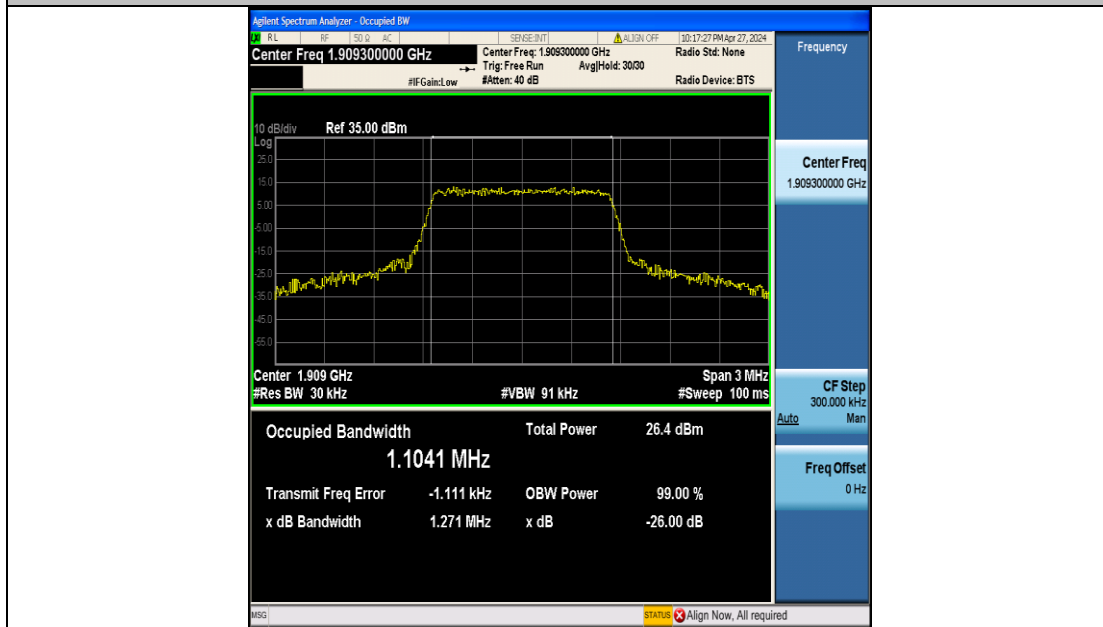
Band2-1.4MHz-QPSK-19193-6RB#0-PASS



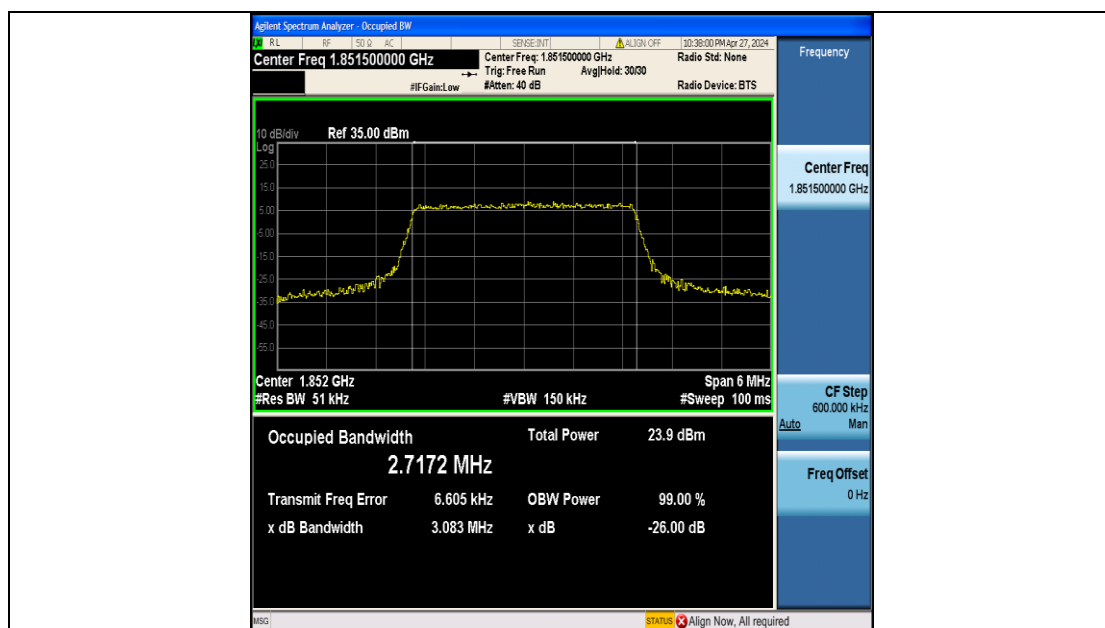
Band2-1.4MHz-16QAM-18607-6RB#0-PASS



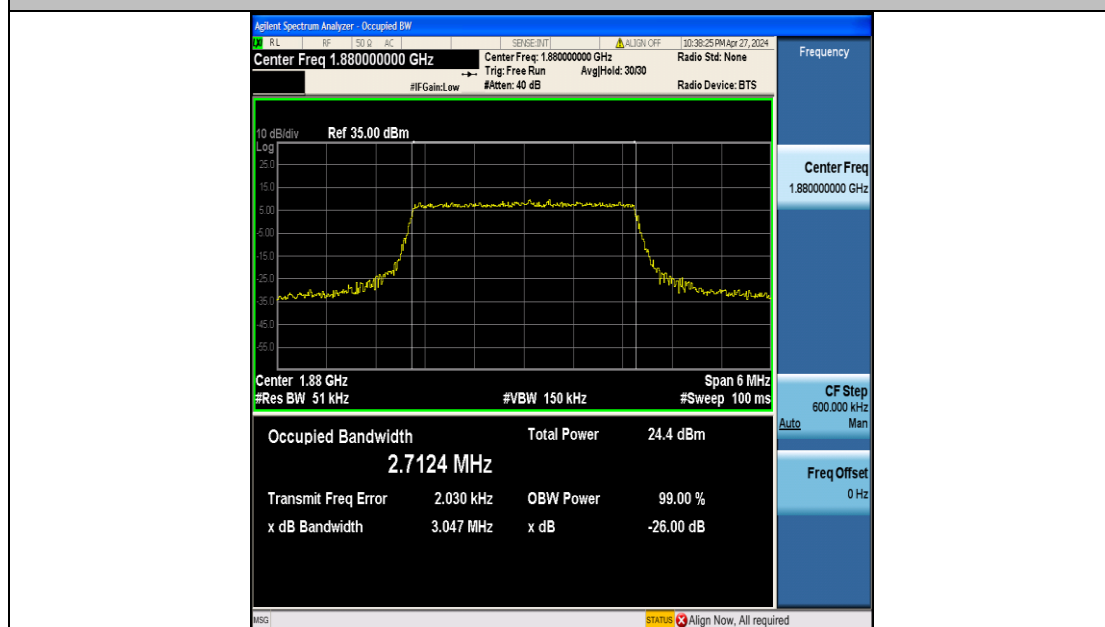
Band2-1.4MHz-16QAM-18900-6RB#0-PASS



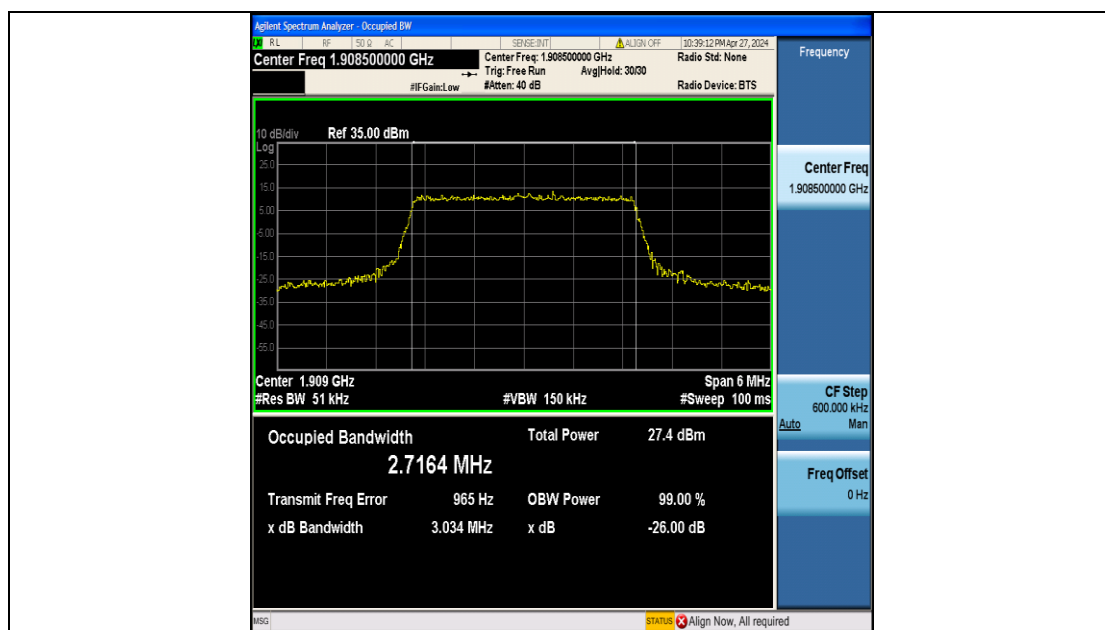
Band2-1.4MHz-16QAM-19193-6RB#0-PASS



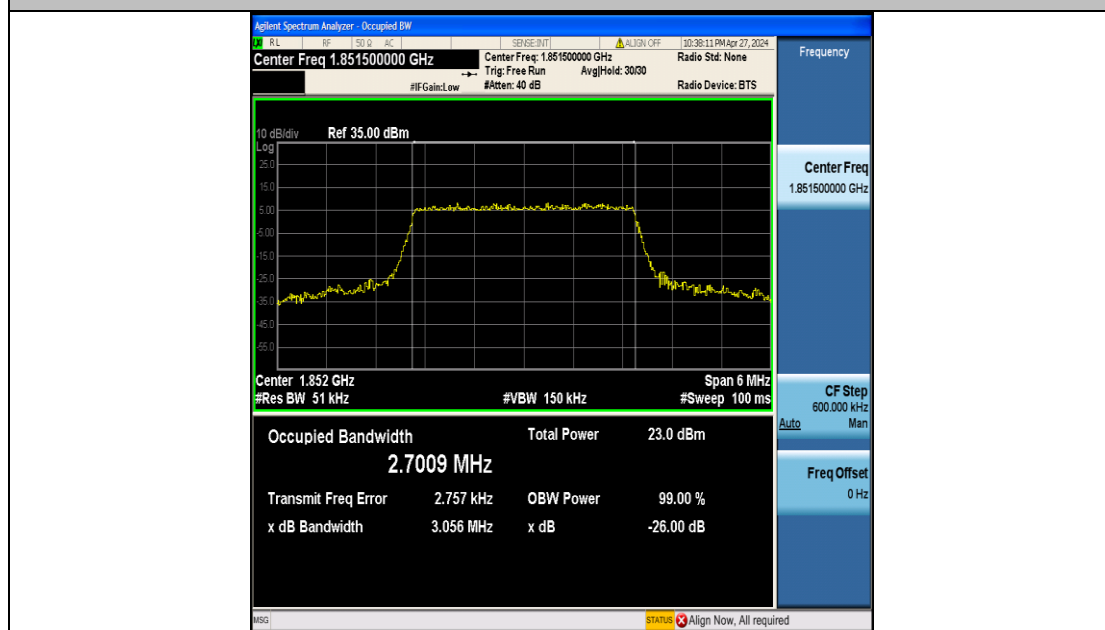
Band2-3MHz-QPSK-18615-15RB#0-PASS



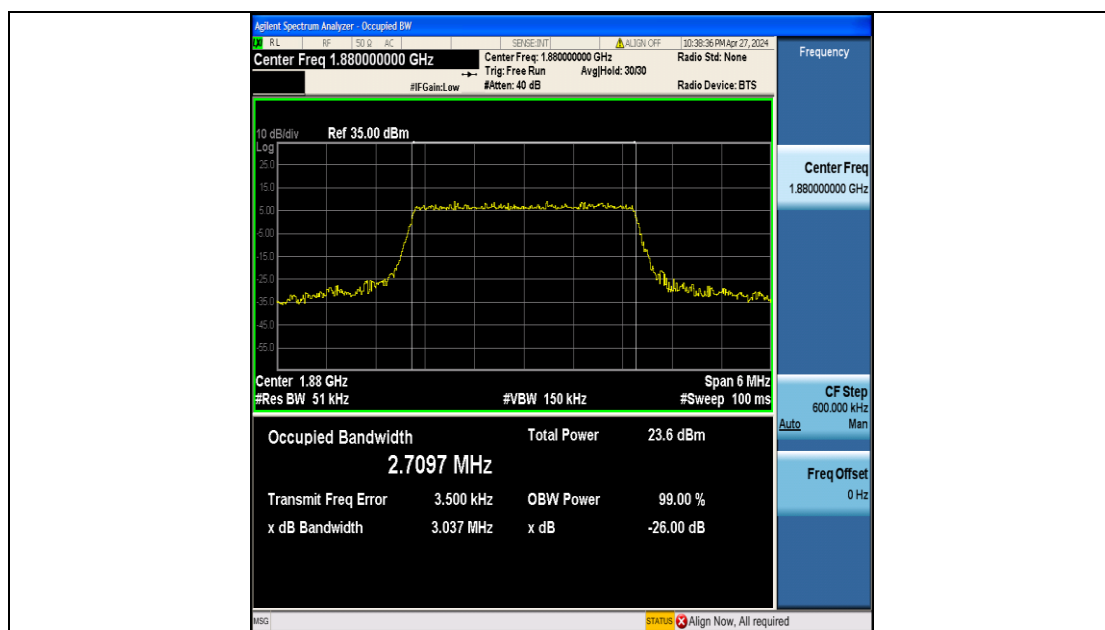
Band2-3MHz-QPSK-18900-15RB#0-PASS



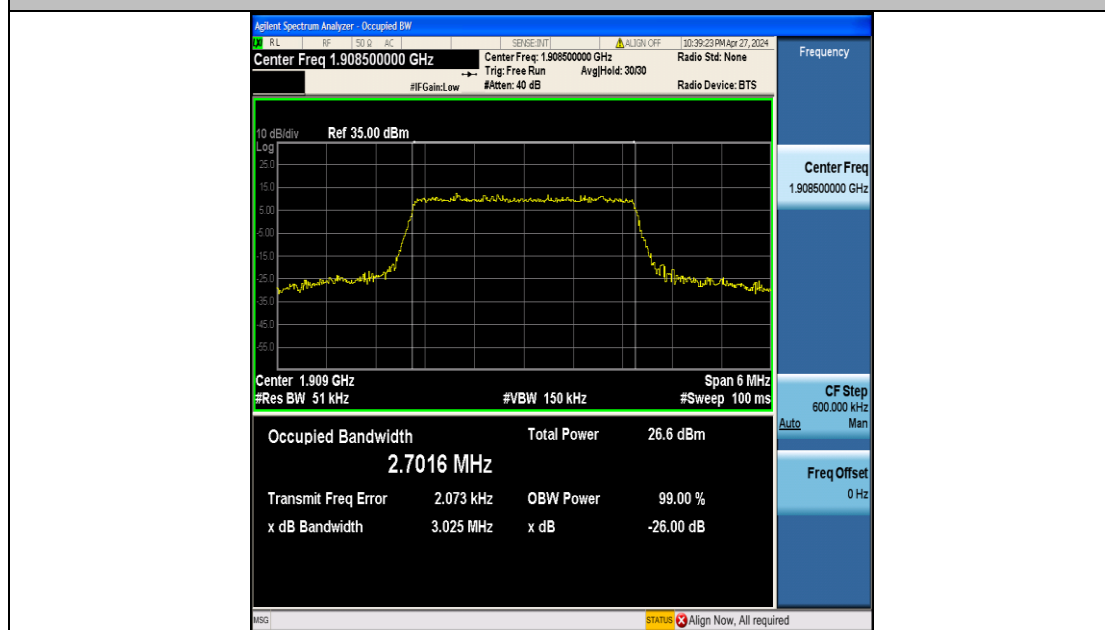
Band2-3MHz-QPSK-19185-15RB#0-PASS



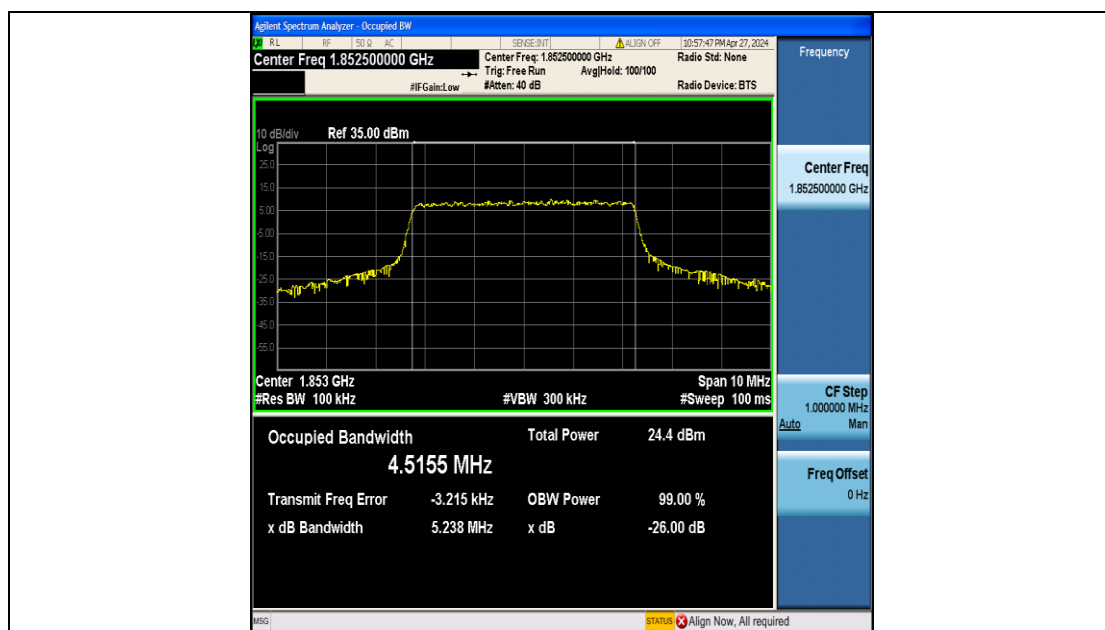
Band2-3MHz-16QAM-18615-15RB#0-PASS



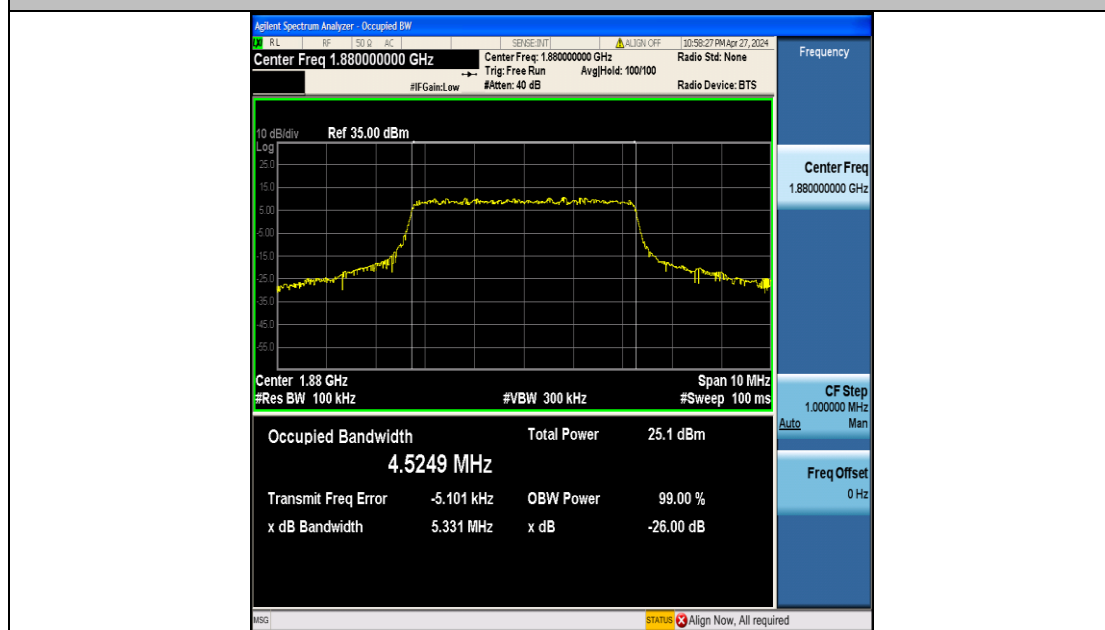
Band2-3MHz-16QAM-18900-15RB#0-PASS



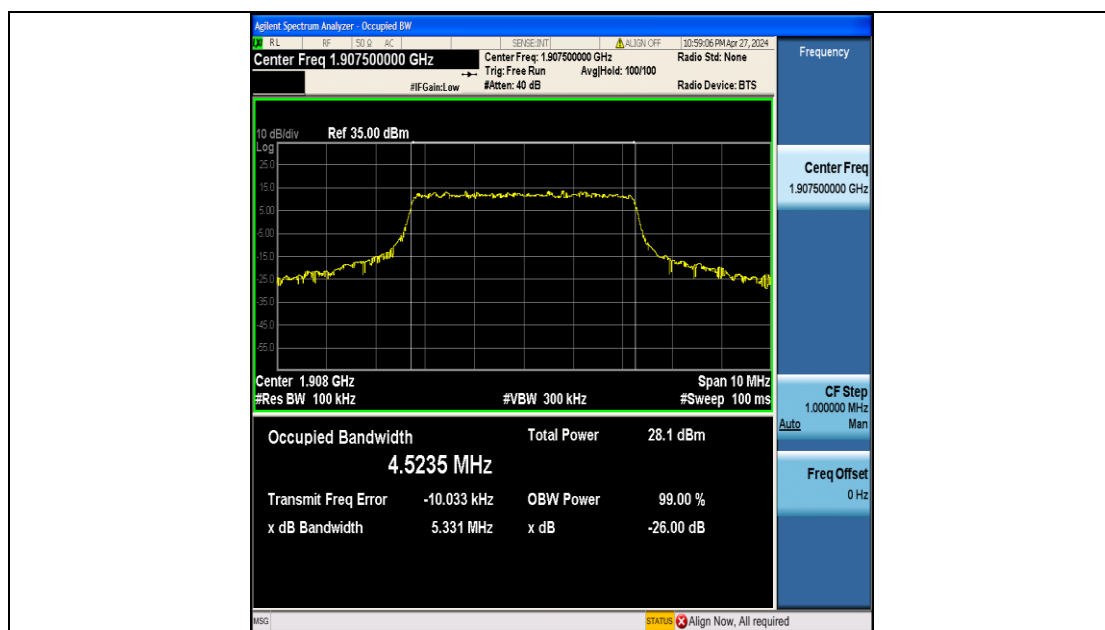
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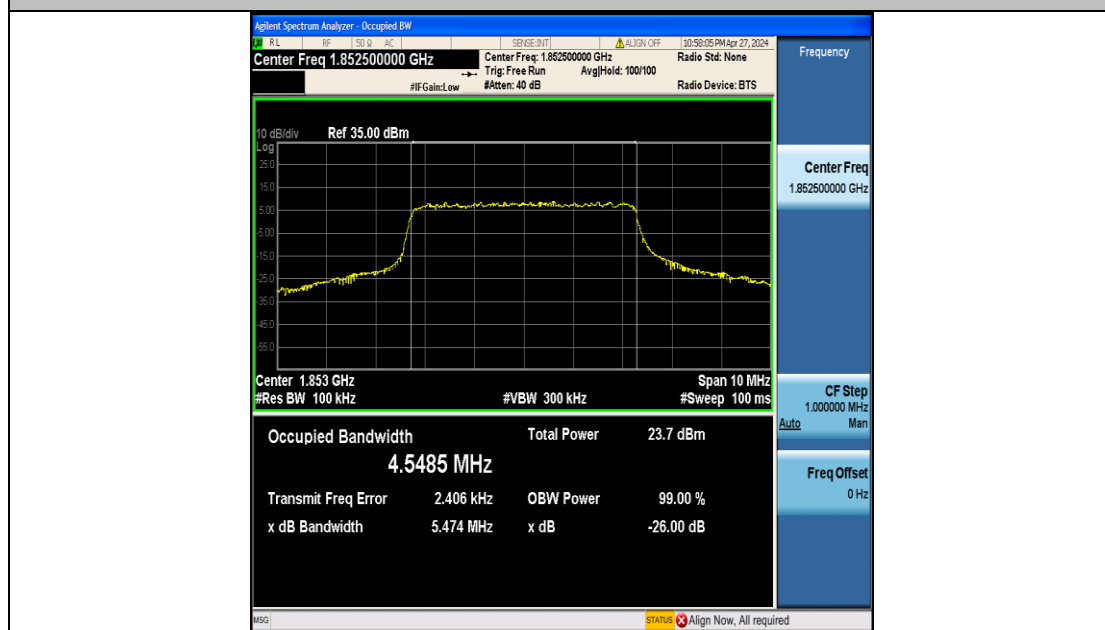
Band2-5MHz-QPSK-18625-25RB#0-PASS



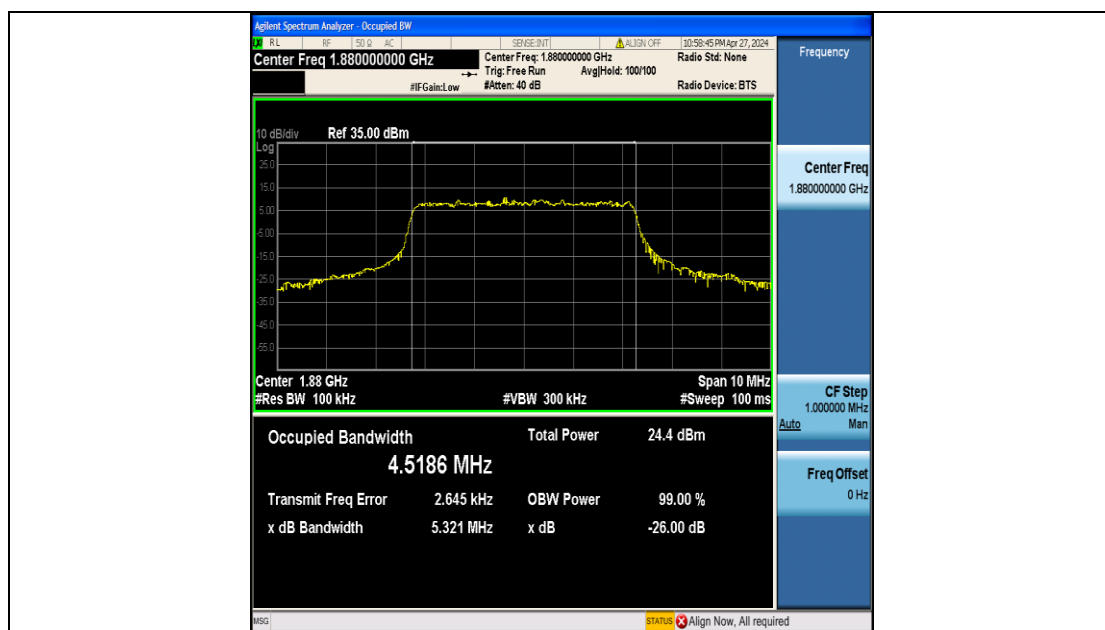
Band2-5MHz-QPSK-18900-25RB#0-PASS



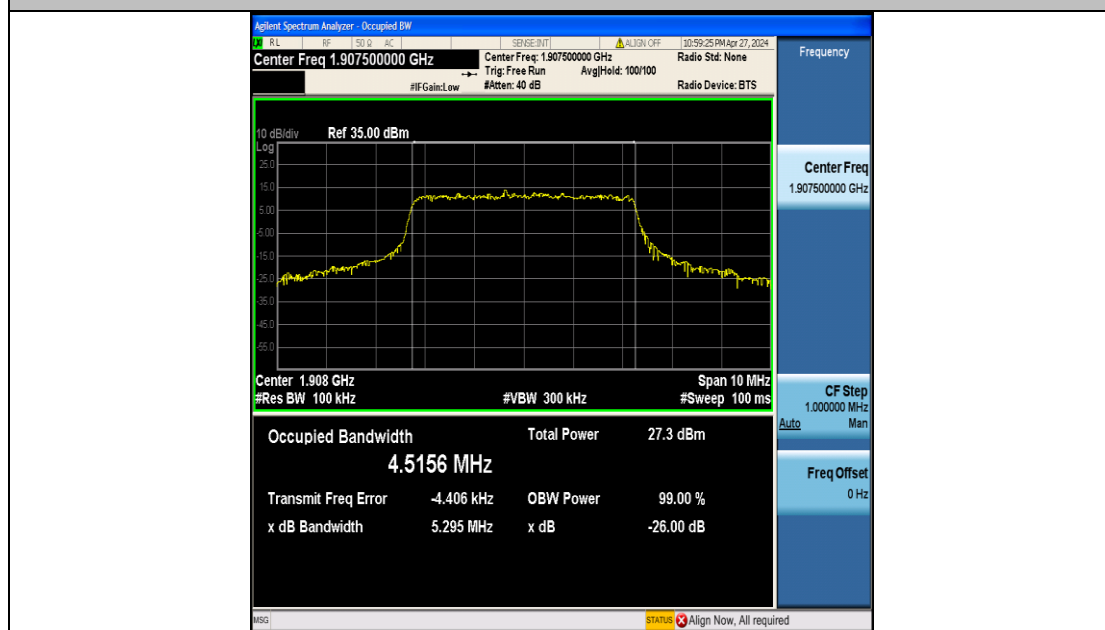
Band2-5MHz-QPSK-19175-25RB#0-PASS



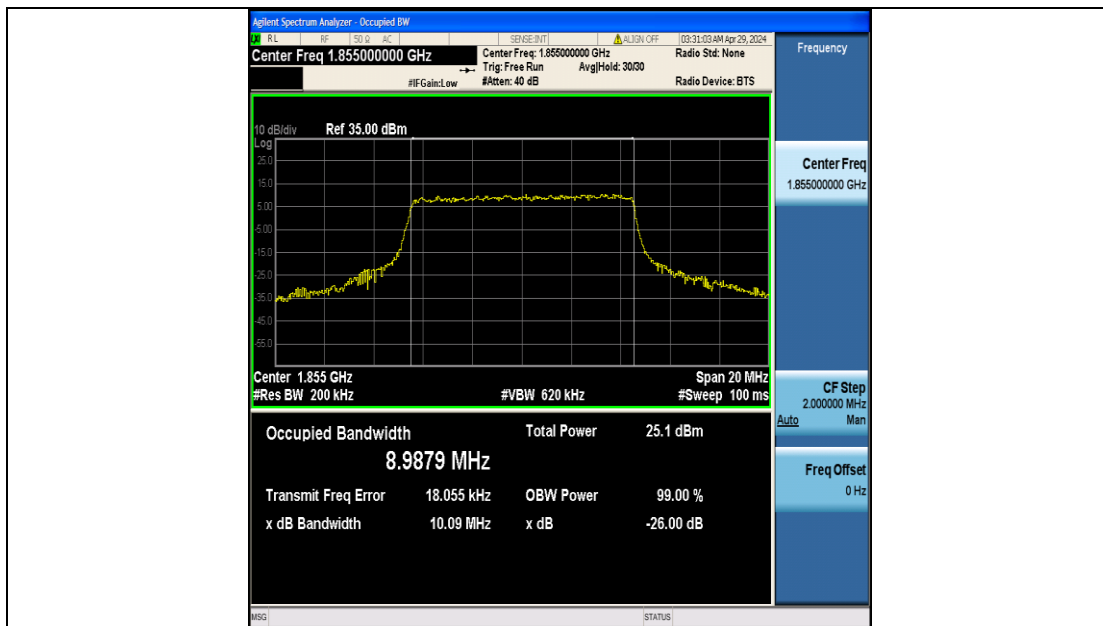
Band2-5MHz-16QAM-18625-25RB#0-PASS



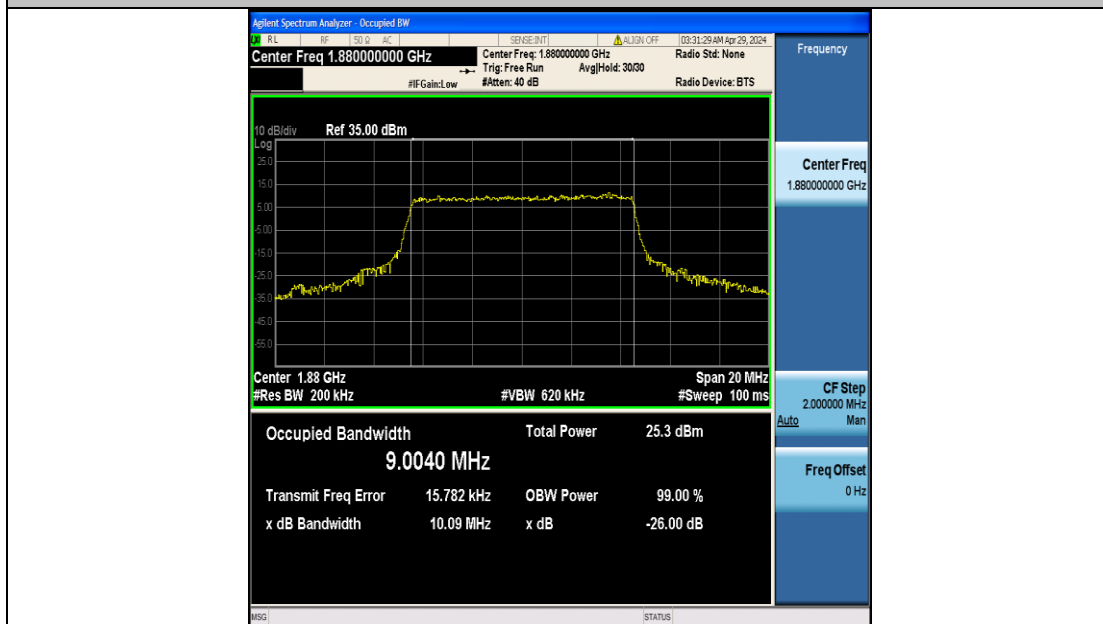
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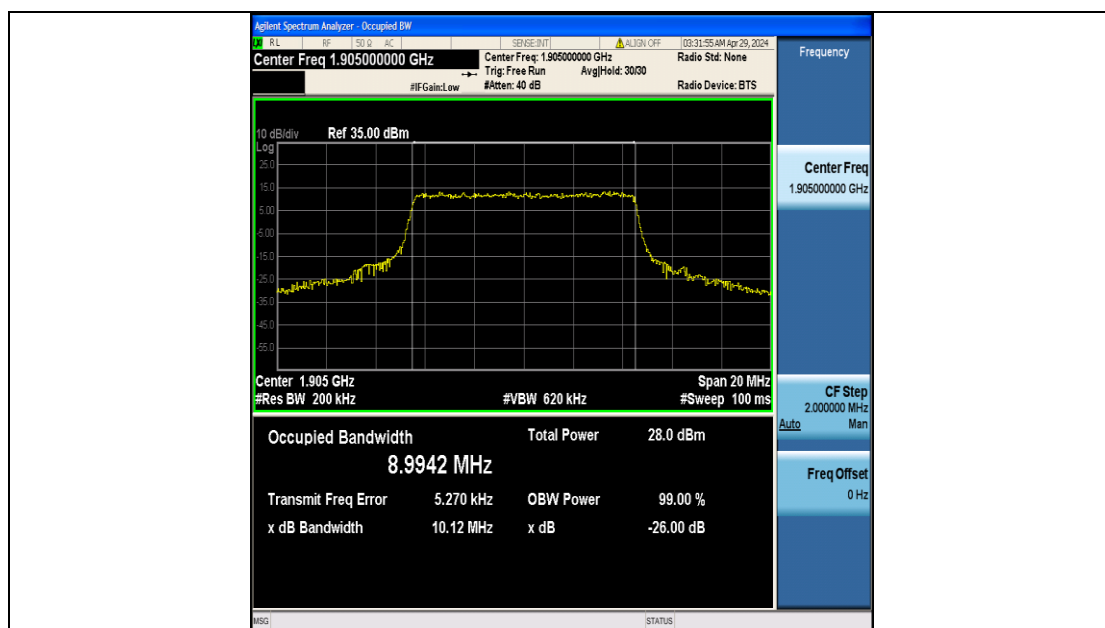
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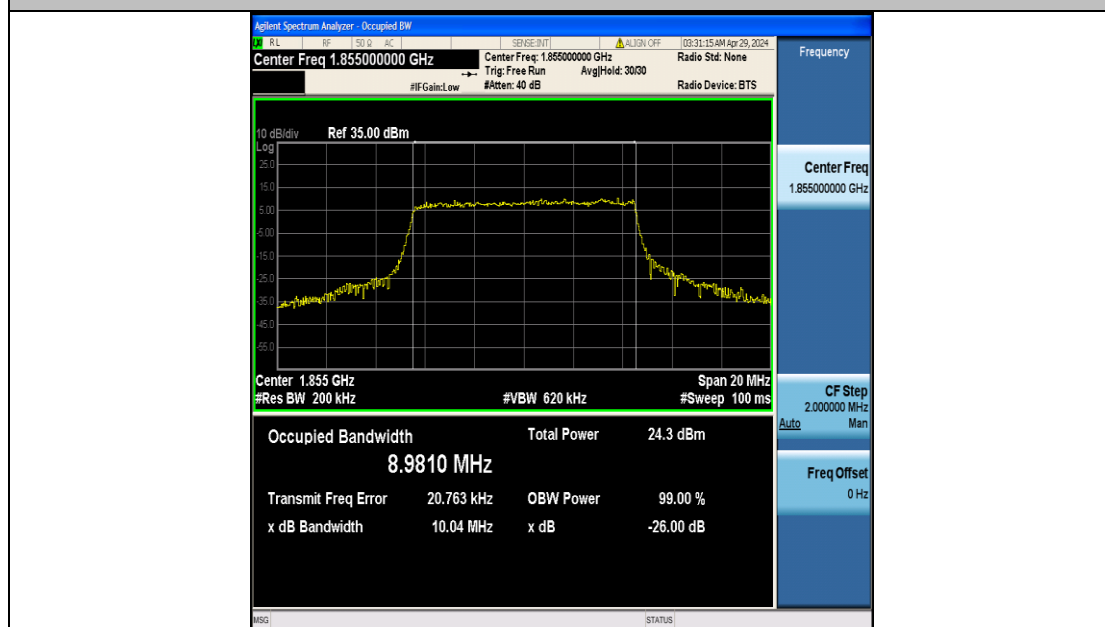
Band2-10MHz-QPSK-18650-50RB#0-PASS



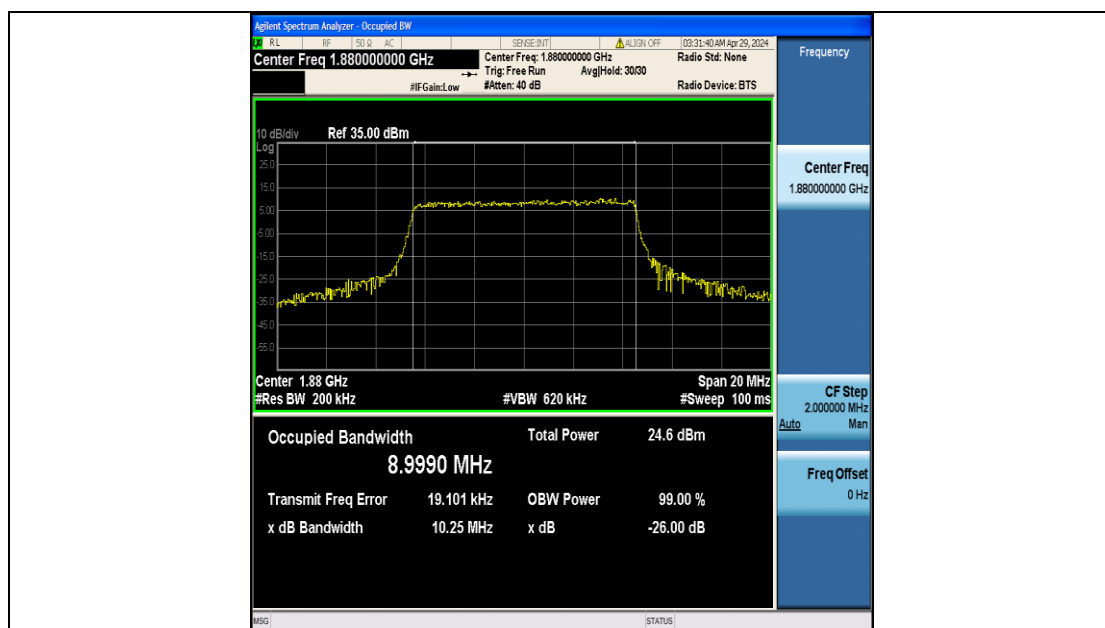
Band2-10MHz-QPSK-18900-50RB#0-PASS



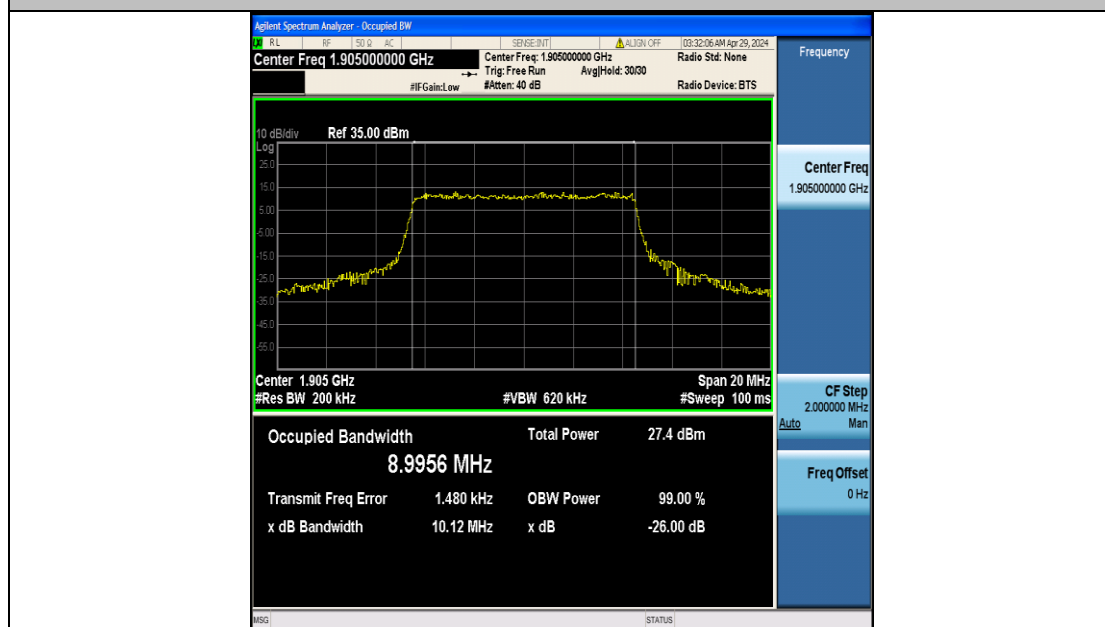
Band2-10MHz-QPSK-19150-50RB#0-PASS



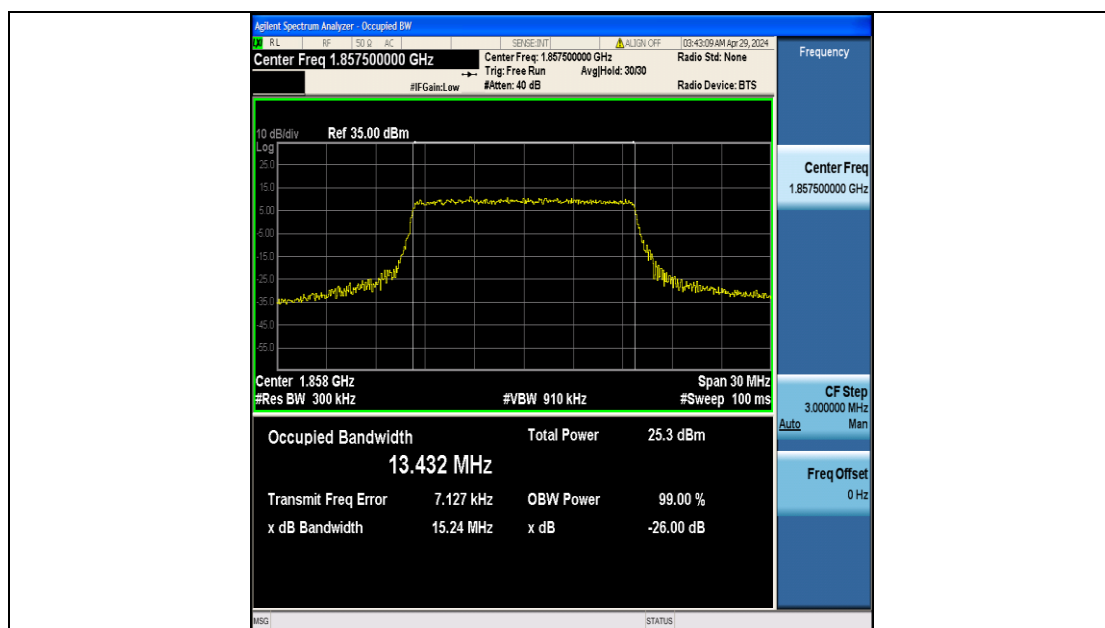
Band2-10MHz-16QAM-18650-50RB#0-PASS



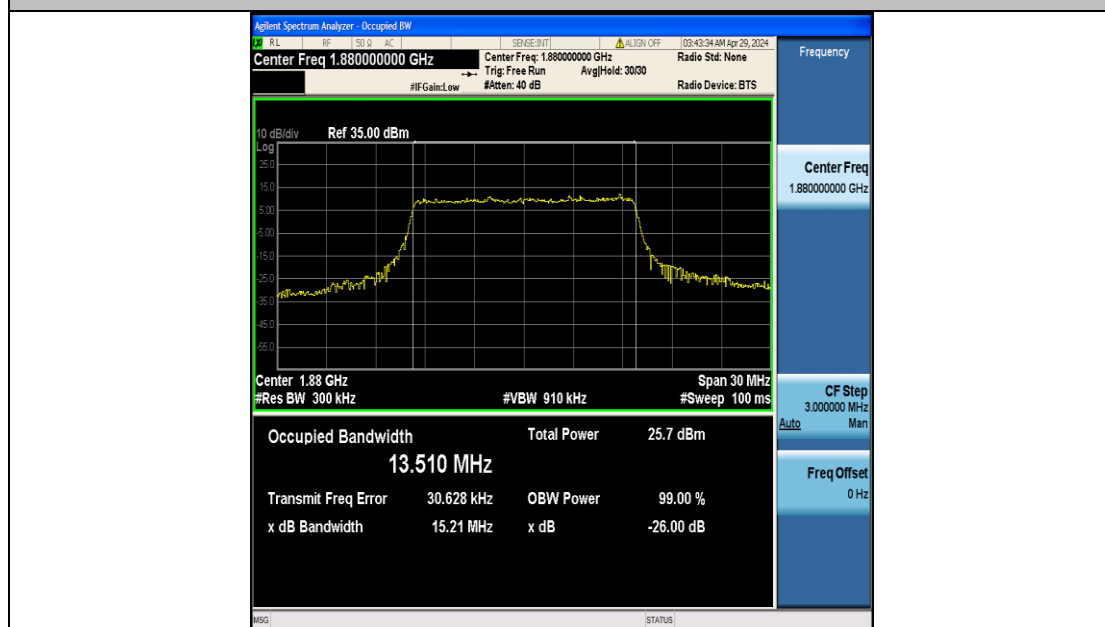
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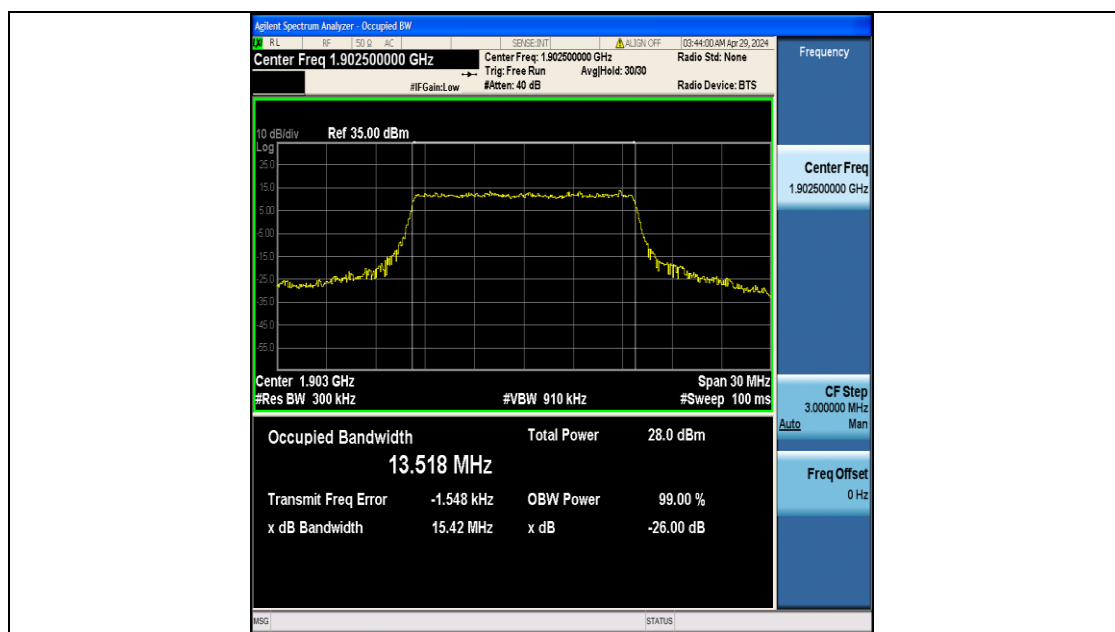
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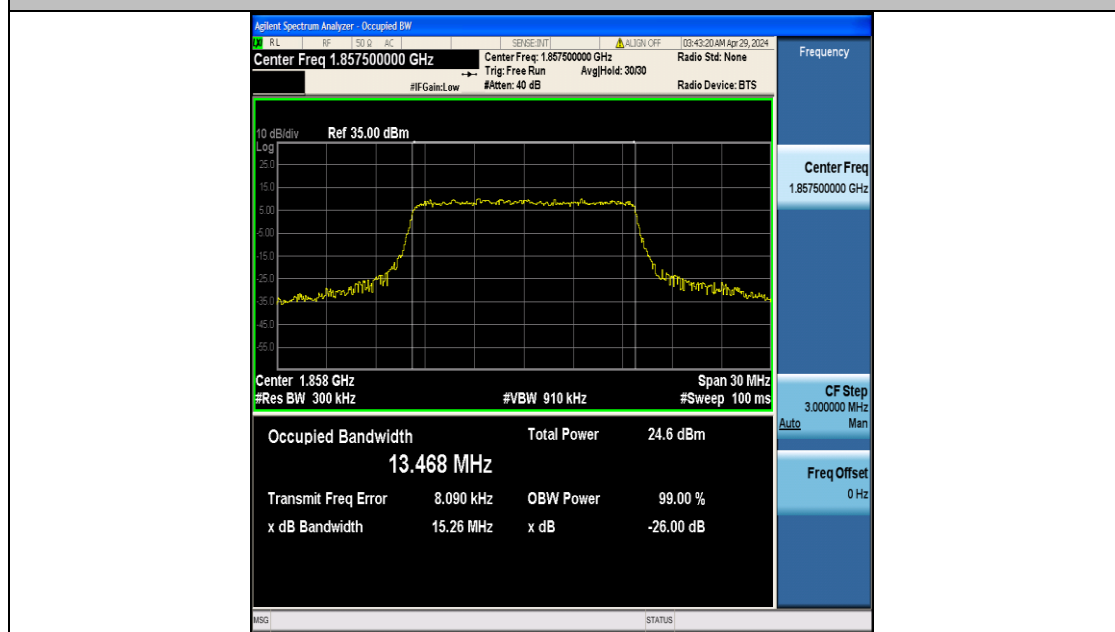
Band2-15MHz-QPSK-18675-75RB#0-PASS



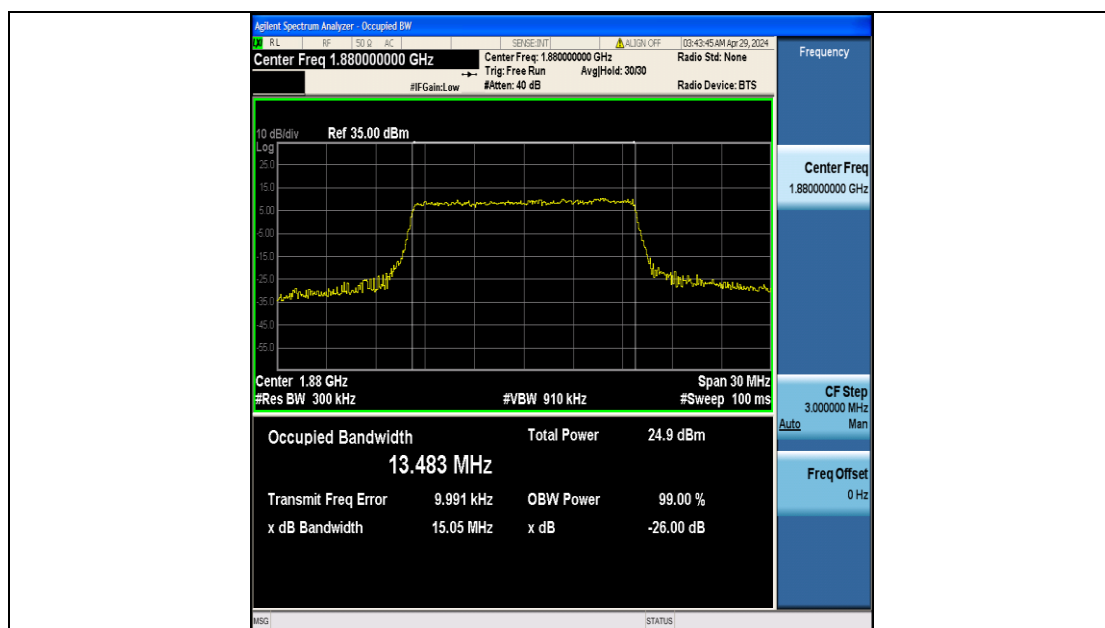
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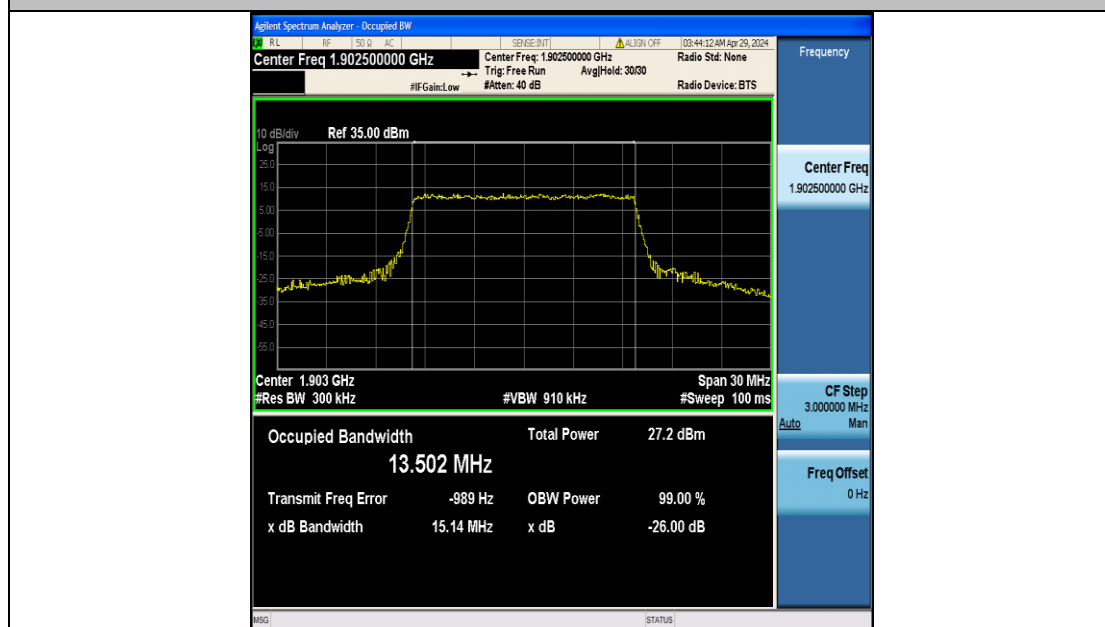
Band2-15MHz-QPSK-19125-75RB#0-PASS



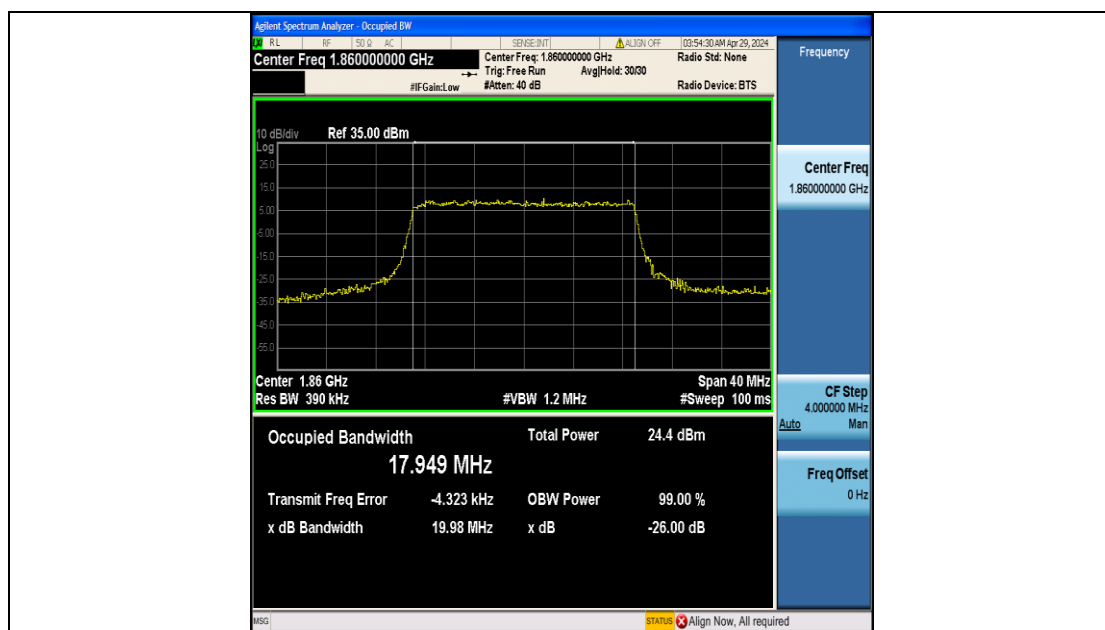
Band2-15MHz-16QAM-18675-75RB#0-PASS



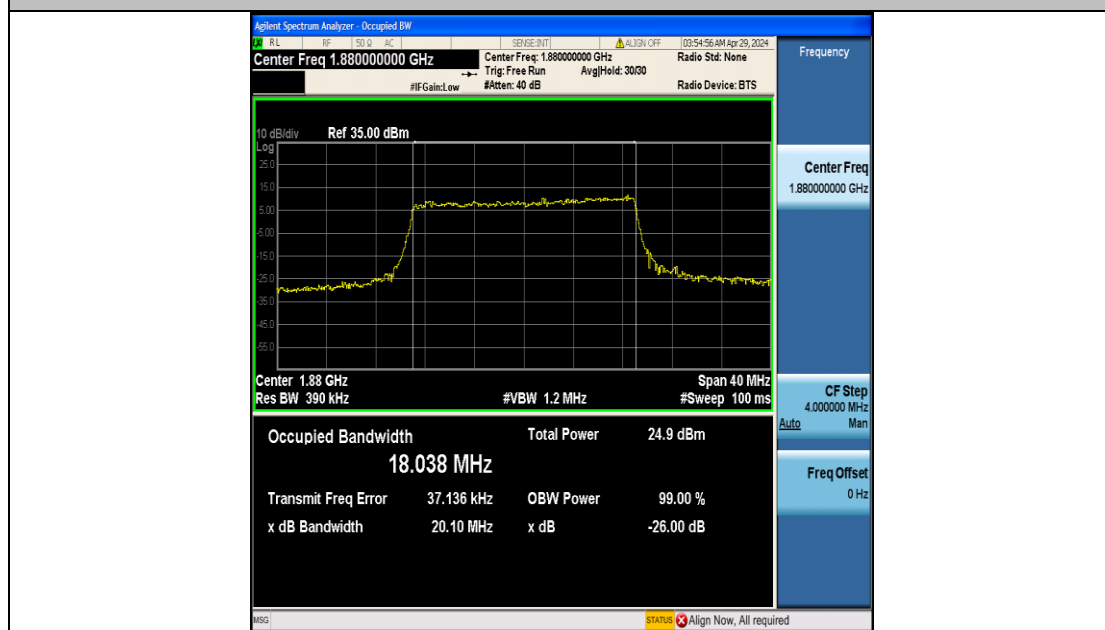
Band2-15MHz-16QAM-18900-75RB#0-PASS



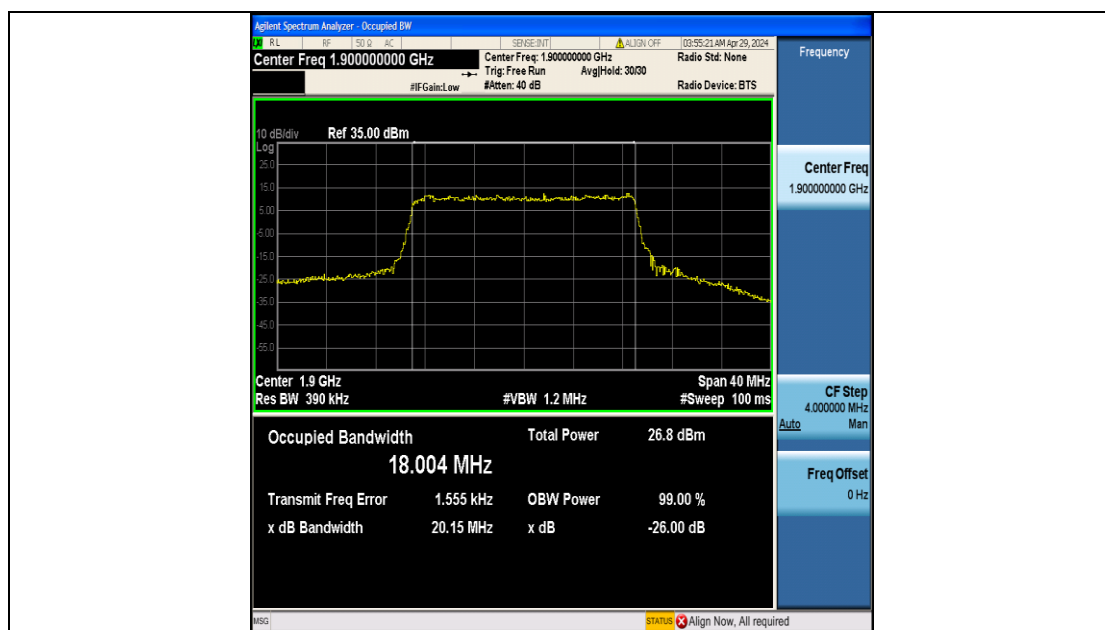
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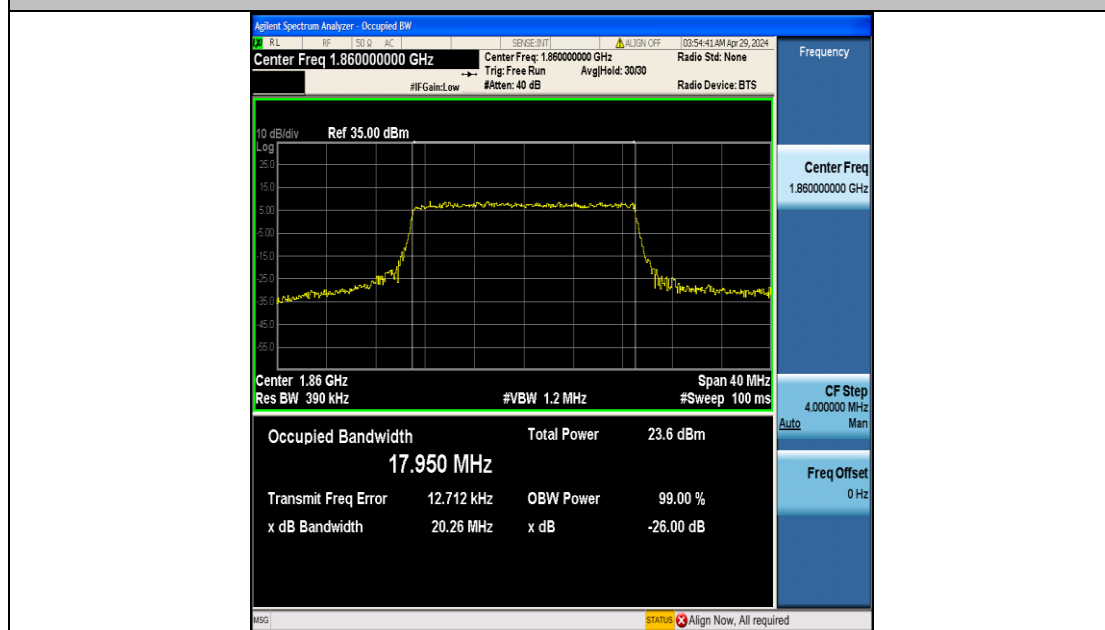
Band2-20MHz-QPSK-18700-100RB#0-PASS



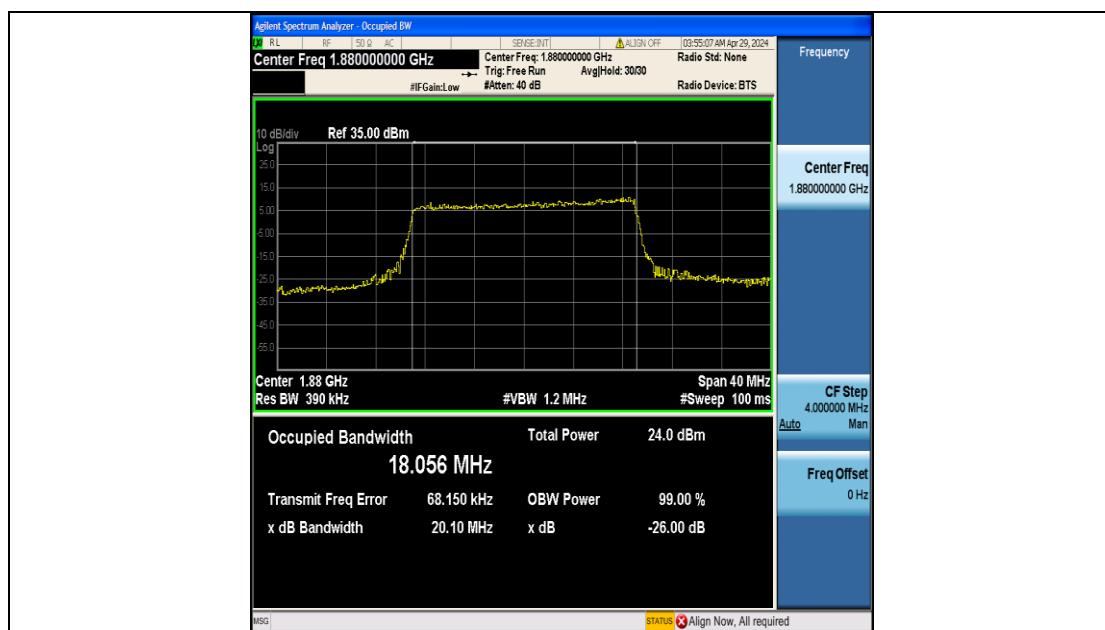
Band2-20MHz-QPSK-18900-100RB#0-PASS



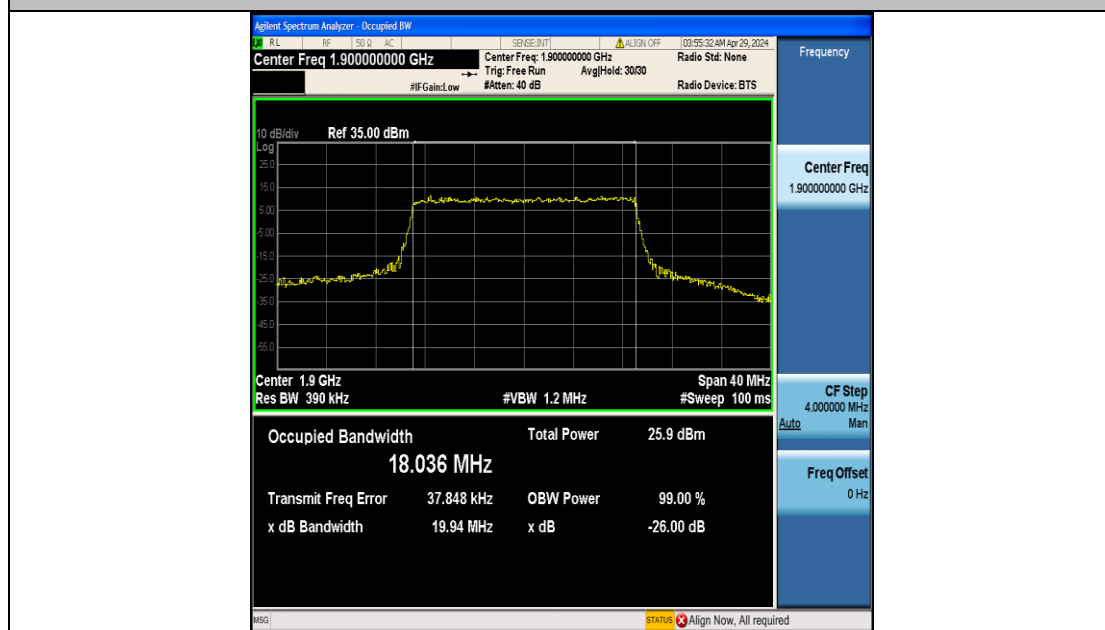
Band2-20MHz-QPSK-19100-100RB#0-PASS



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



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



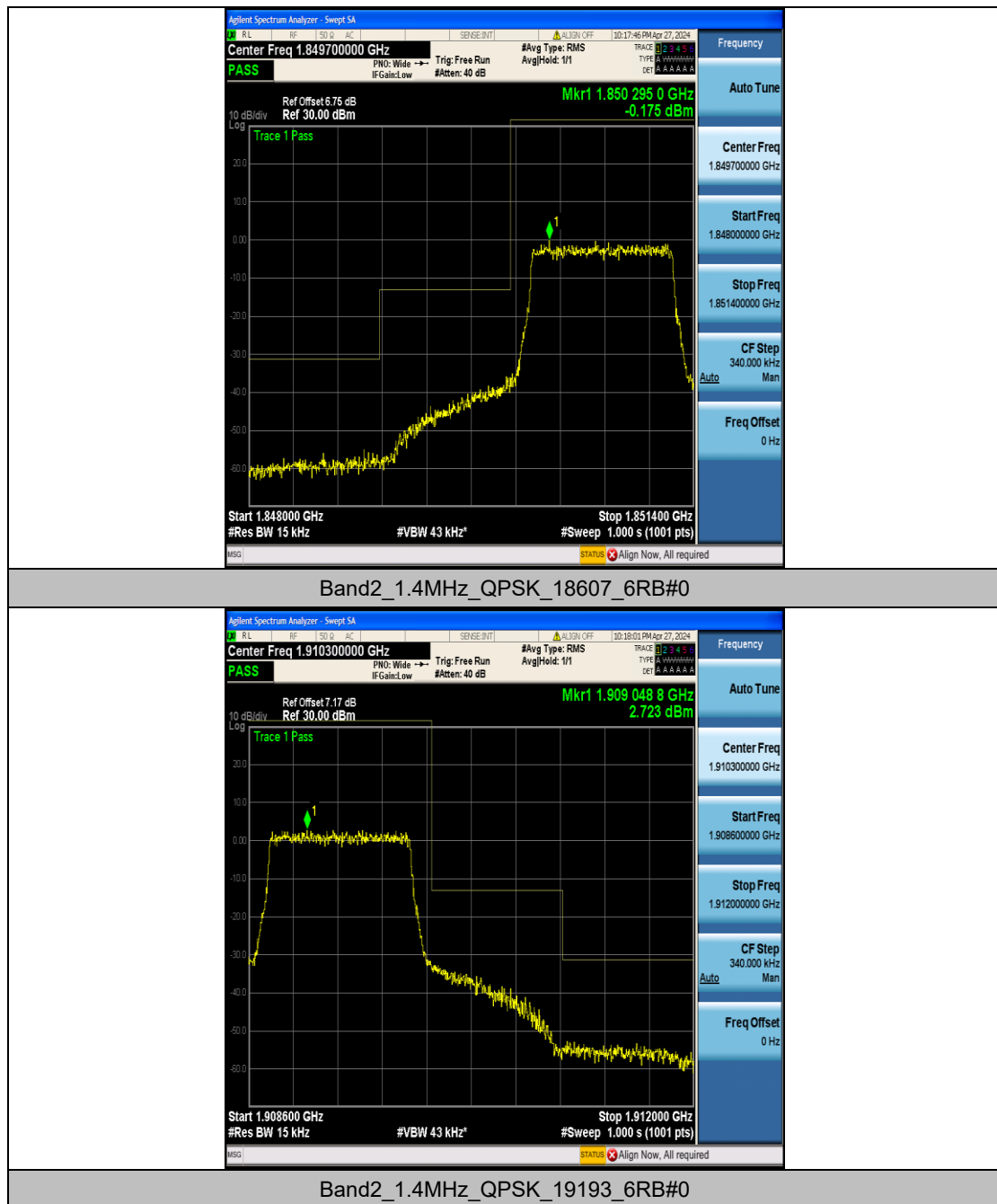
Band2-20MHz-16QAM-19100-100RB#0-PASS

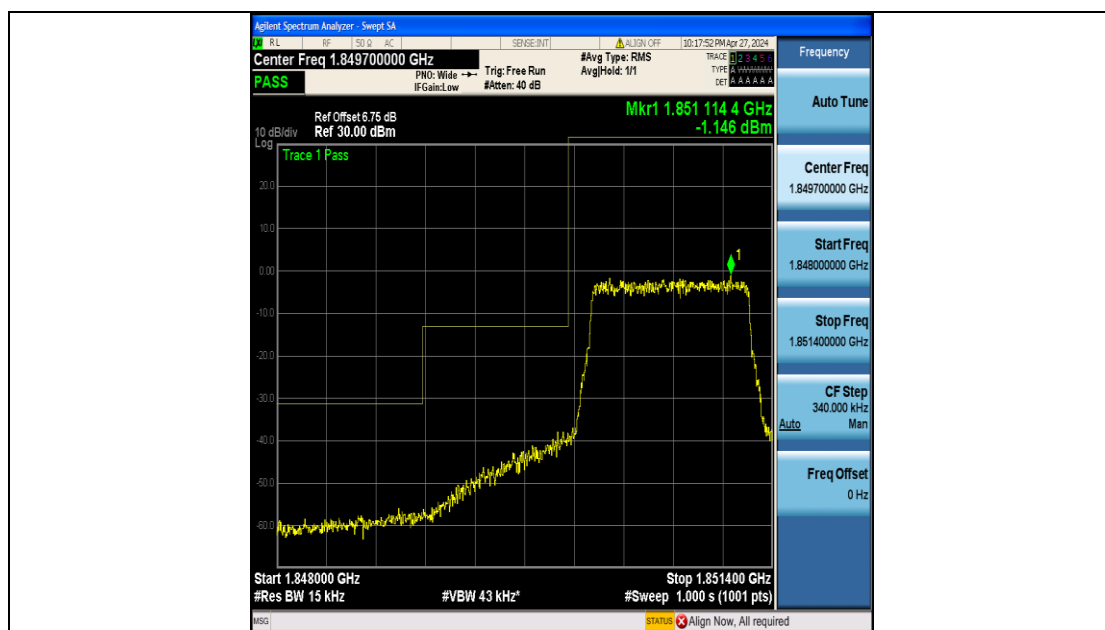
Appendix D: Band Edge

Test Result

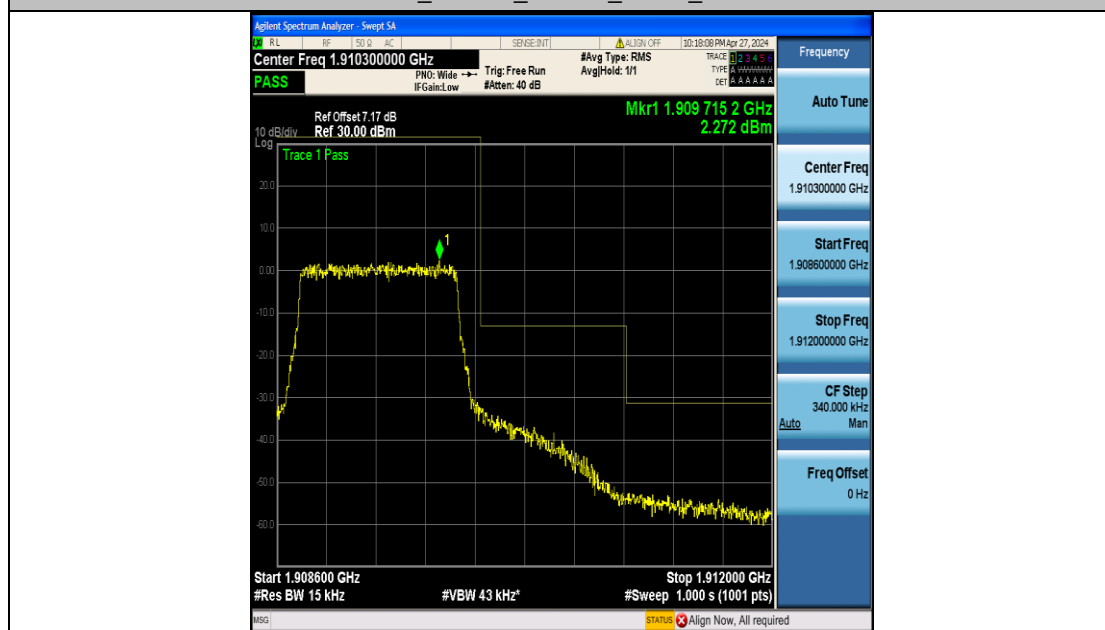
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	-35.81	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-32.72	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-56.01	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-32.61	PASS
Band2	3MHz	QPSK	18615	15RB#0	-41.50	PASS
Band2	3MHz	QPSK	19185	15RB#0	-37.32	PASS
Band2	3MHz	16QAM	18615	15RB#0	-43.85	PASS
Band2	3MHz	16QAM	19185	15RB#0	-38.93	PASS
Band2	5MHz	QPSK	18625	25RB#0	-41.30	PASS
Band2	5MHz	QPSK	19175	25RB#0	-36.47	PASS
Band2	5MHz	16QAM	18625	25RB#0	-42.29	PASS
Band2	5MHz	16QAM	19175	25RB#0	-37.70	PASS
Band2	10MHz	QPSK	18650	50RB#0	-42.90	PASS
Band2	10MHz	QPSK	19150	50RB#0	-38.39	PASS
Band2	10MHz	16QAM	18650	50RB#0	-44.77	PASS
Band2	10MHz	16QAM	19150	50RB#0	-39.72	PASS
Band2	15MHz	QPSK	18675	75RB#0	-40.52	PASS
Band2	15MHz	QPSK	19125	75RB#0	-36.77	PASS
Band2	15MHz	16QAM	18675	75RB#0	-42.04	PASS
Band2	15MHz	16QAM	19125	75RB#0	-38.49	PASS
Band2	20MHz	QPSK	18700	100RB#0	-41.31	PASS
Band2	20MHz	QPSK	19100	100RB#0	-36.97	PASS
Band2	20MHz	16QAM	18700	100RB#0	-42.62	PASS
Band2	20MHz	16QAM	19100	100RB#0	-38.85	PASS

Test Graphs

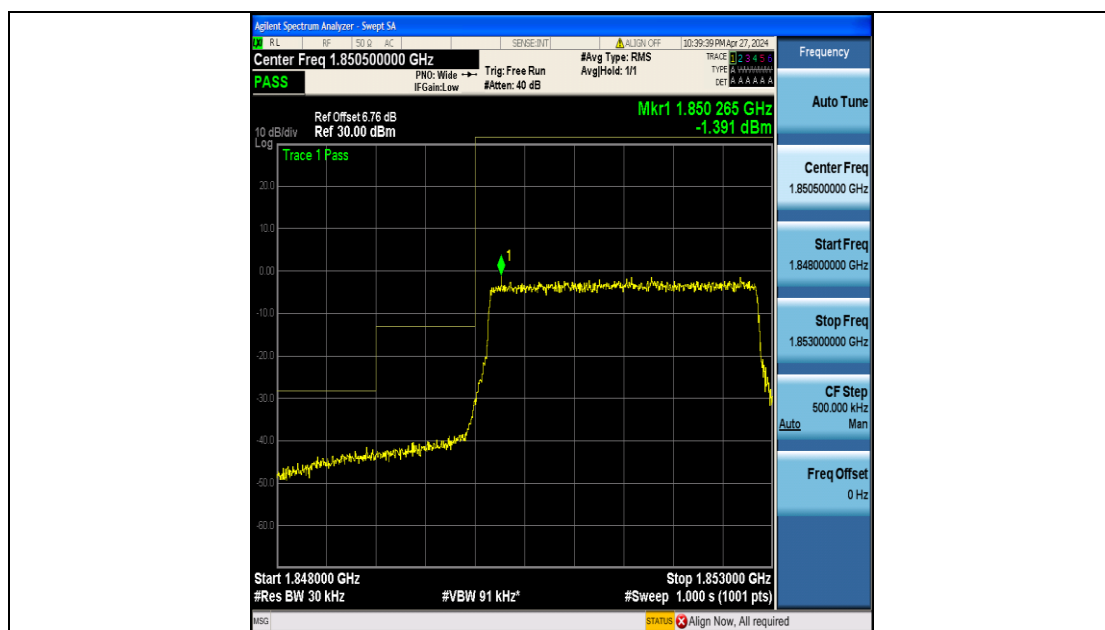




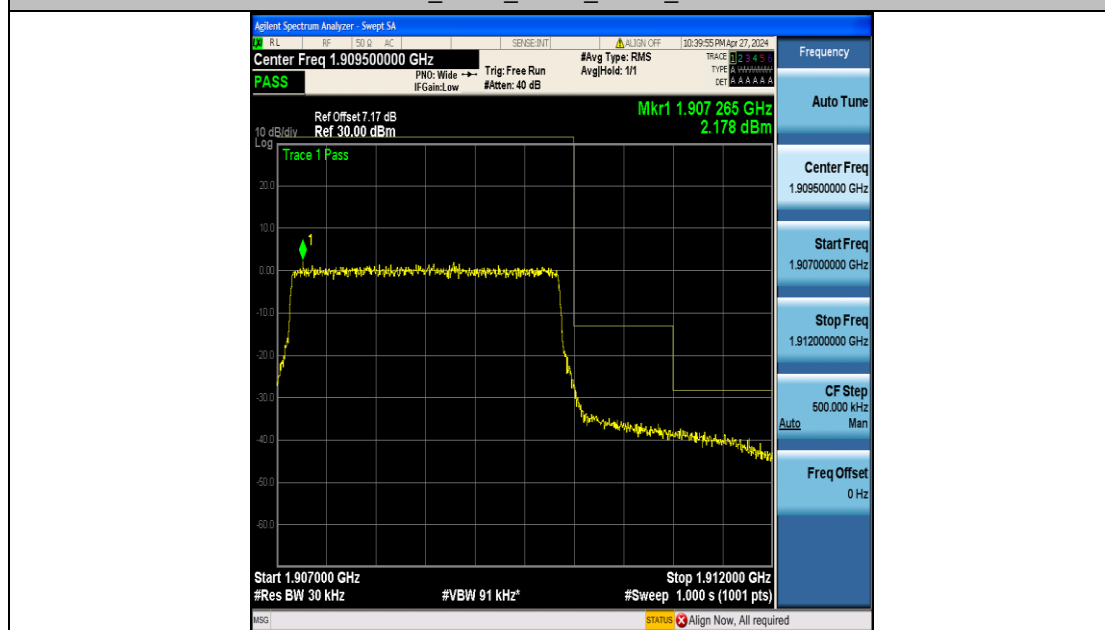
Band2_1.4MHz_16QAM_18607_6RB#0



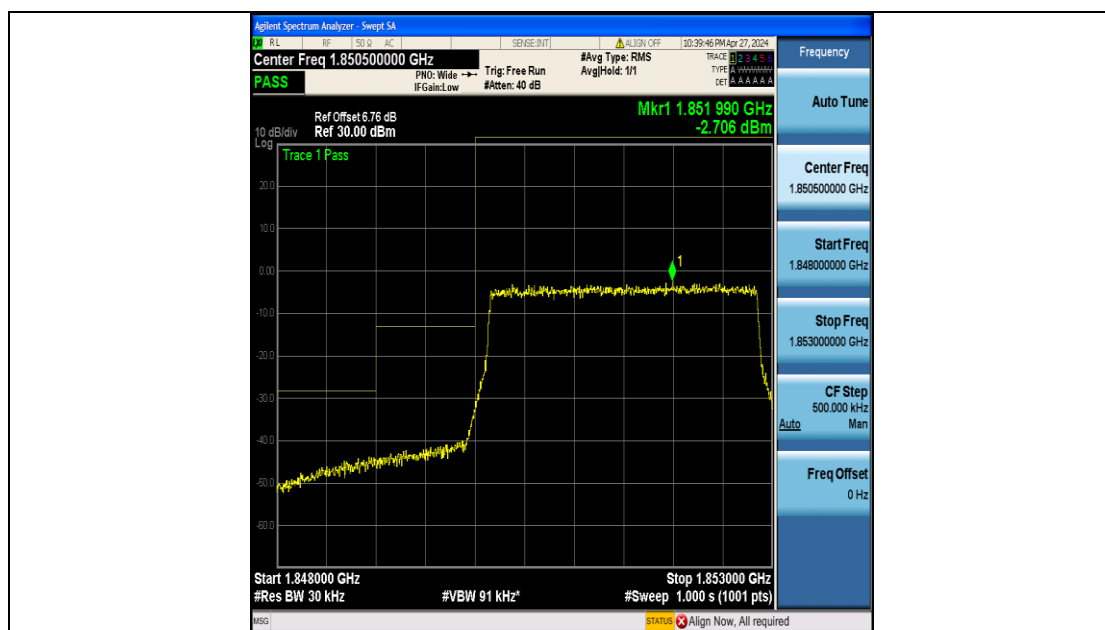
Band2_1.4MHz_16QAM_19193_6RB#0



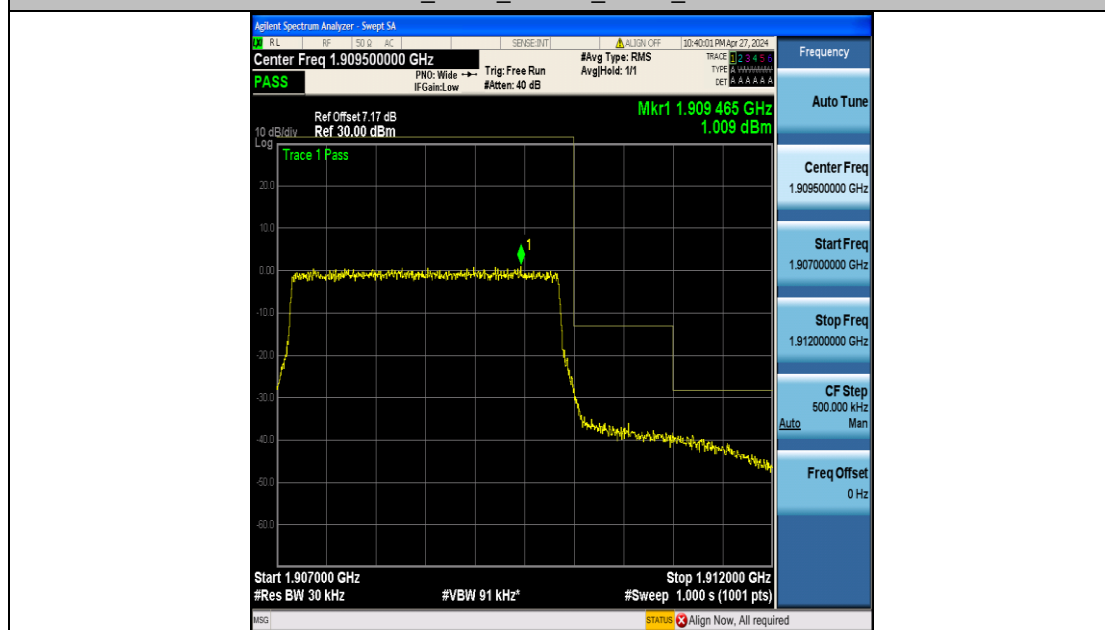
Band2_3MHz_QPSK_18615_15RB#0



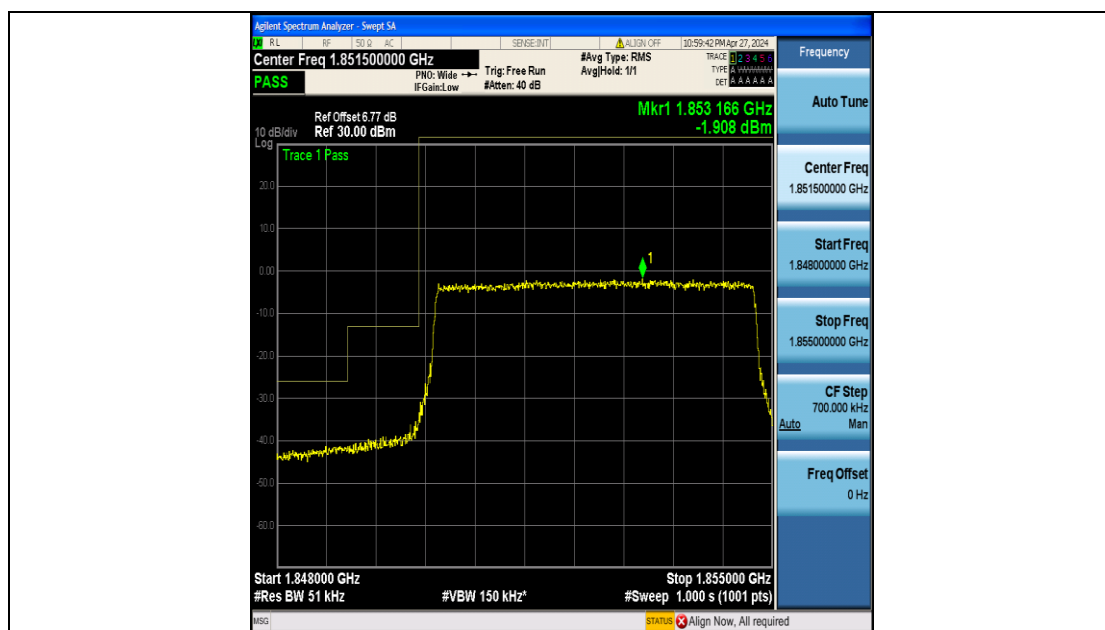
Band2_3MHz_QPSK_19185_15RB#0



Band2_3MHz_16QAM_18615_15RB#0



Band2_3MHz_16QAM_19185_15RB#0



Band2_5MHz_QPSK_18625_25RB#0



Band2_5MHz_QPSK_19175_25RB#0