FCC Appendix RF Test Data for LTE

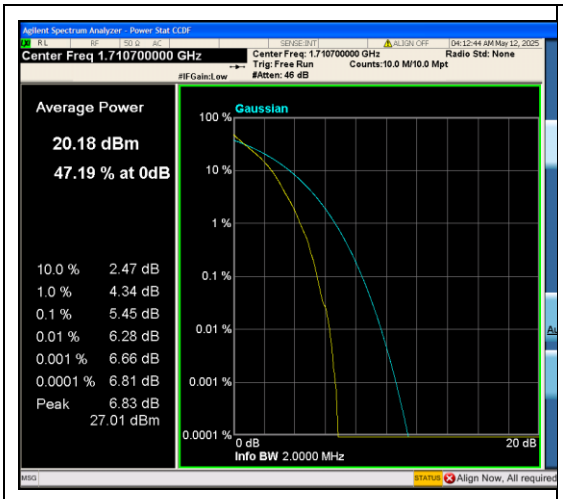
FCC ID	**:**	**2BPTB-CTAB12**
Company:	**:**	**LEON TRADE(H.K.)CO.,LIMITED.**
EUT	**:**	**11.97 inch Tablet**
Model Number	**:**	**Ctab 12**
Report No.	**:**	**CTA25050803004**
Reviewed By	**:**	**Eric Wang**

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

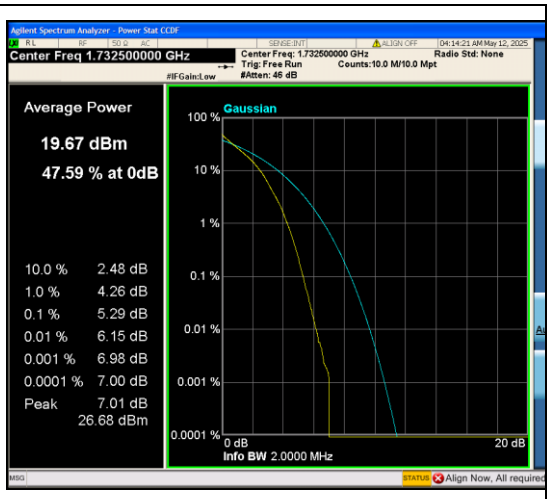
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	5.45	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.29	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.96	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.28	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.96	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.52	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.57	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.42	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.18	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.23	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.16	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.93	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.46	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.42	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.22	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.13	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.07	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.87	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.48	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.48	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.36	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.12	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.12	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	6.04	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.70	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.73	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.73	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.13	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.22	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.15	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.41	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.46	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.52	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.09	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.18	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.17	13	PASS

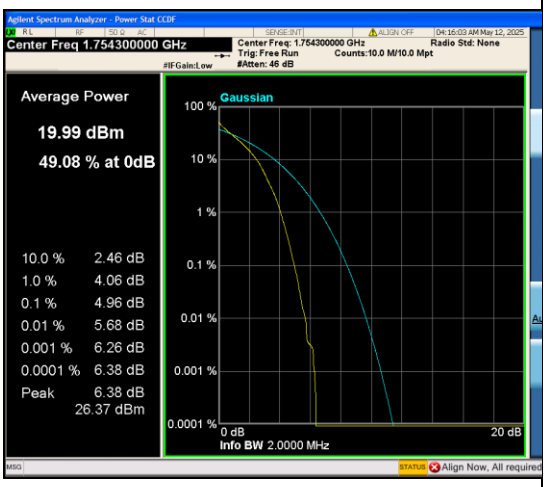
Test Graphs



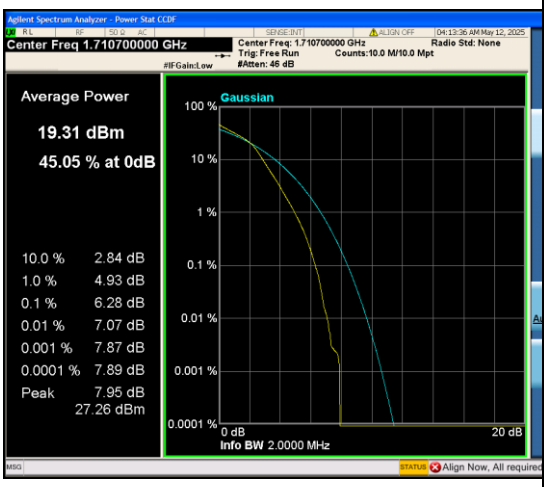
Band4-1.4MHz-QPSK-19957-6RB#0-PASS



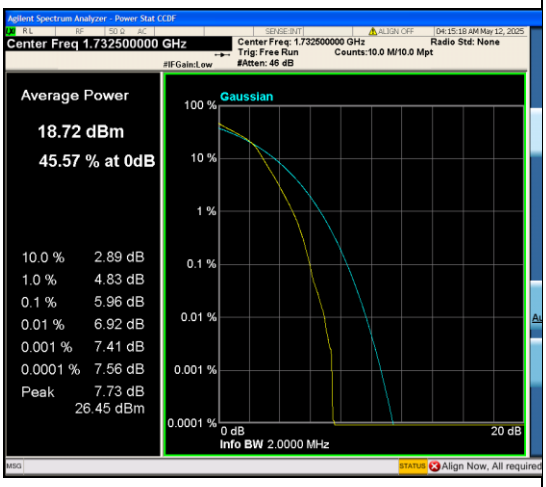
Band4-1.4MHz-QPSK-20175-6RB#0-PASS



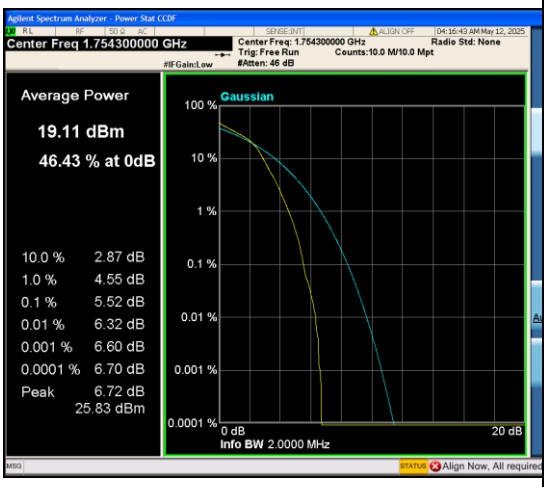
Band4-1.4MHz-QPSK-20393-6RB#0-PASS



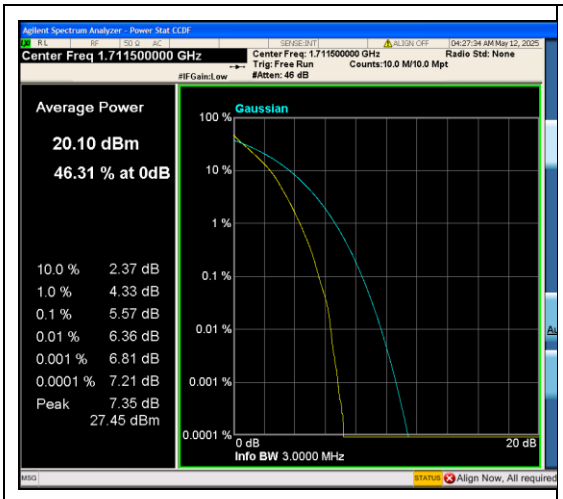
Band4-1.4MHz-16QAM-19957-6RB#0-PASS



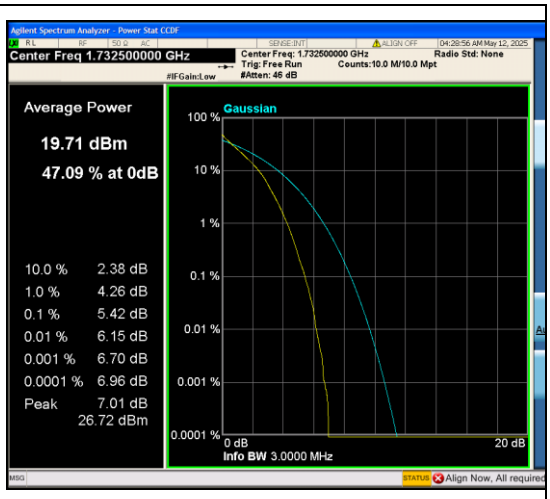
Band4-1.4MHz-16QAM-20175-6RB#0-PASS



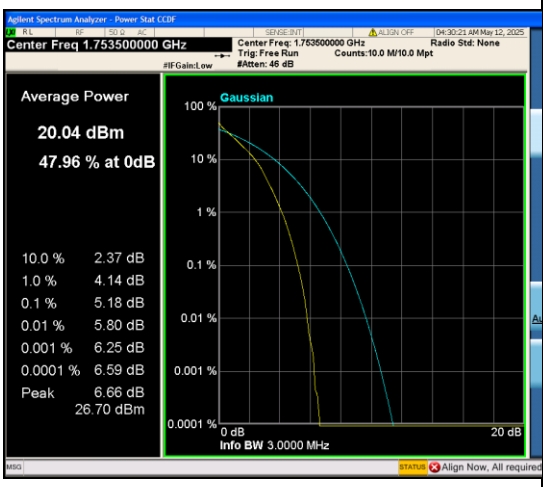
Band4-1.4MHz-16QAM-20393-6RB#0-PASS



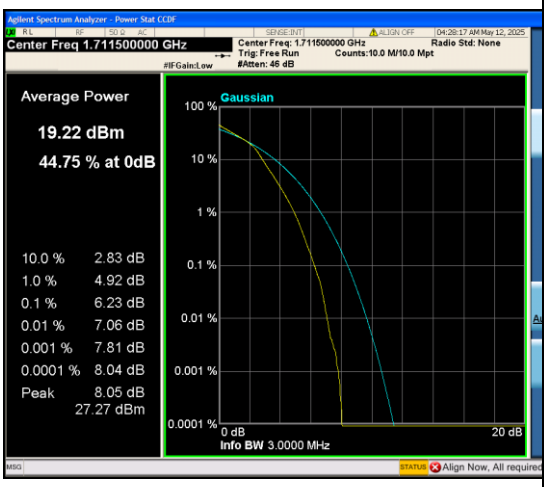
Band4-3MHz-QPSK-19965-15RB#0-PASS



Band4-3MHz-QPSK-20175-15RB#0-PASS



Band4-3MHz-QPSK-20385-15RB#0-PASS



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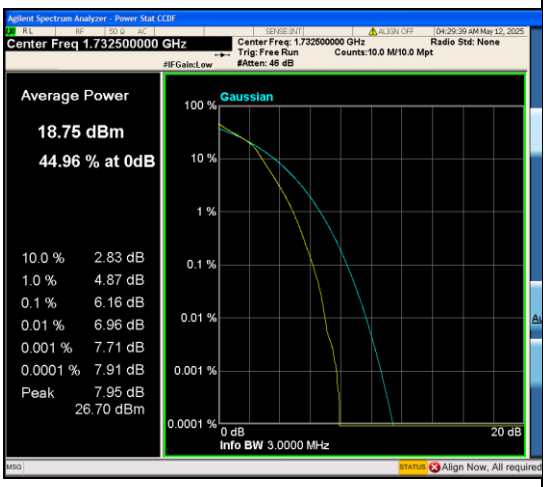

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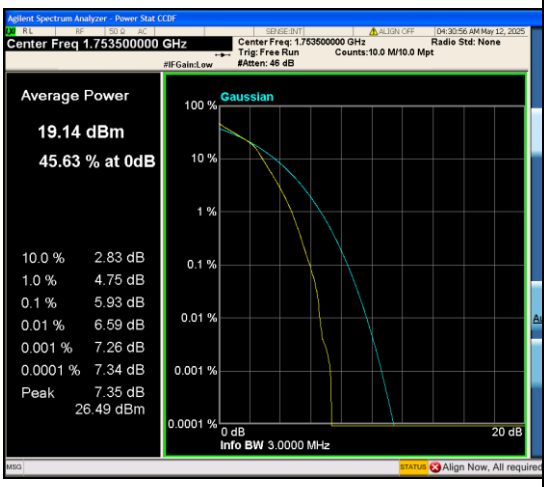

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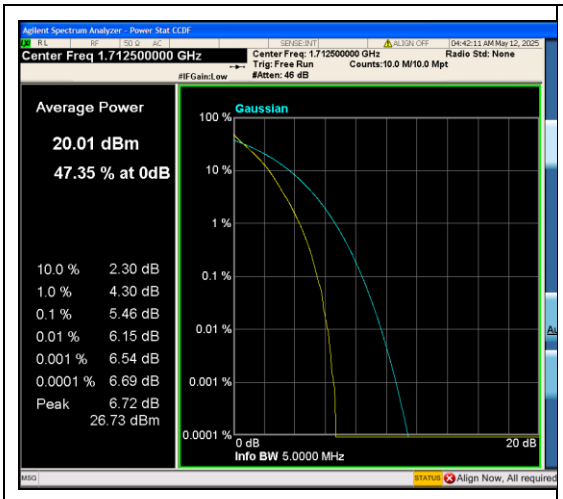
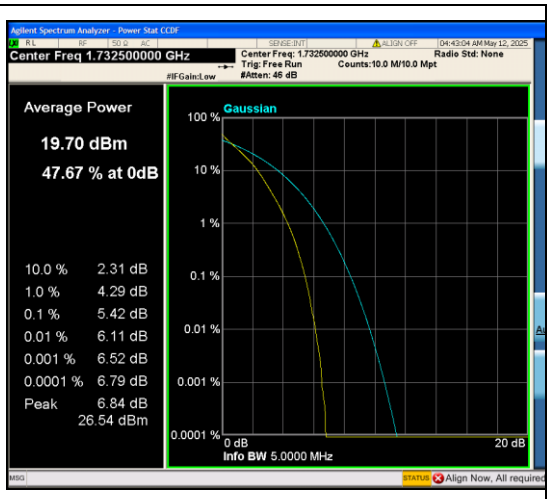


Band4-5MHz-QPSK-19975-25RB#0-PASS



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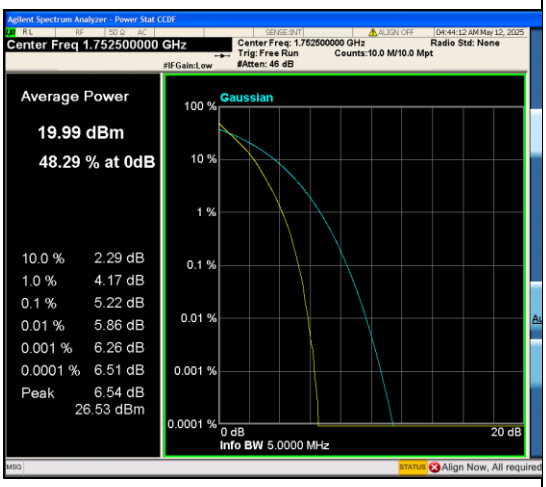
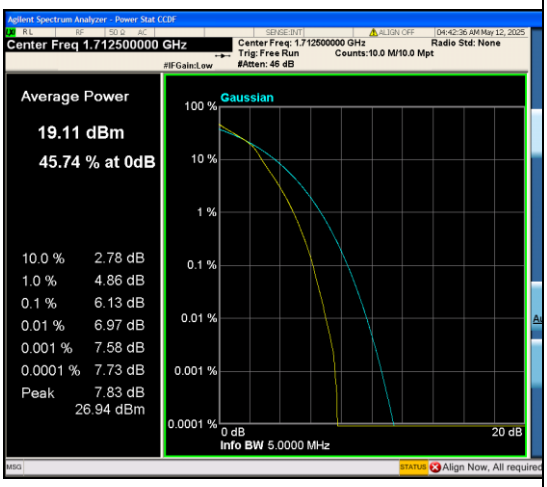
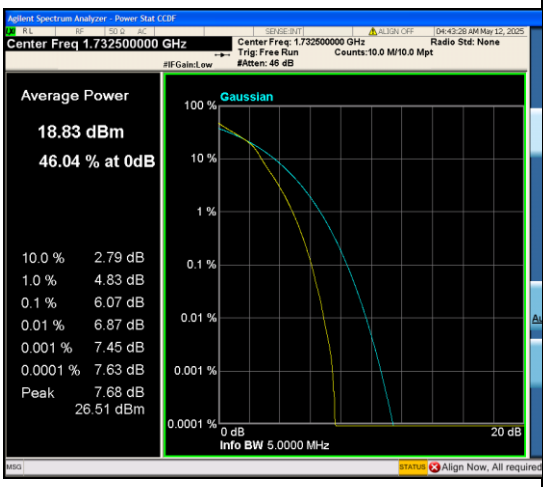


Band4-5MHz-QPSK-20375-25RB#0-PASS



Band4-5MHz-16QAM-19975-25RB#0-PASS



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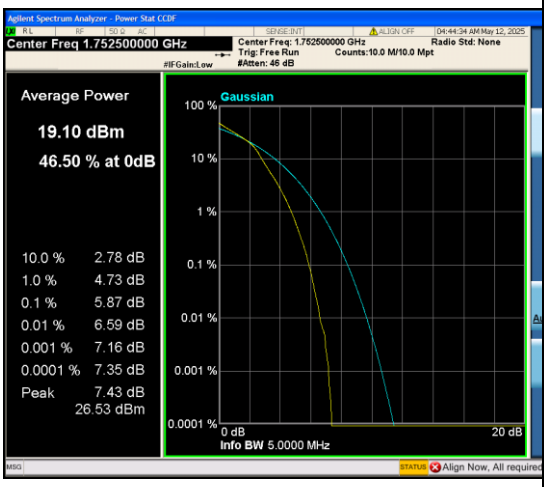
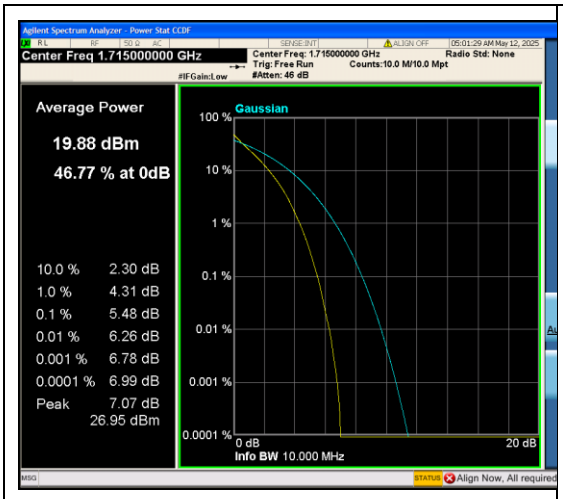
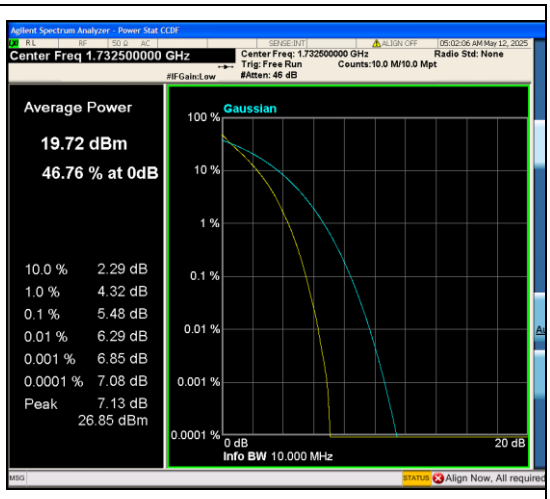


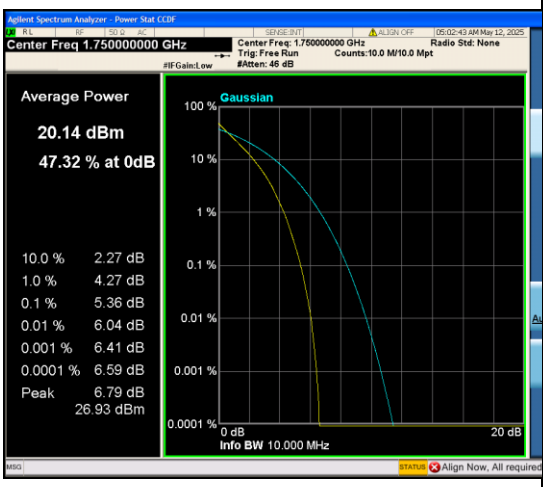
Band4-5MHz-16QAM-20375-25RB#0-PASS



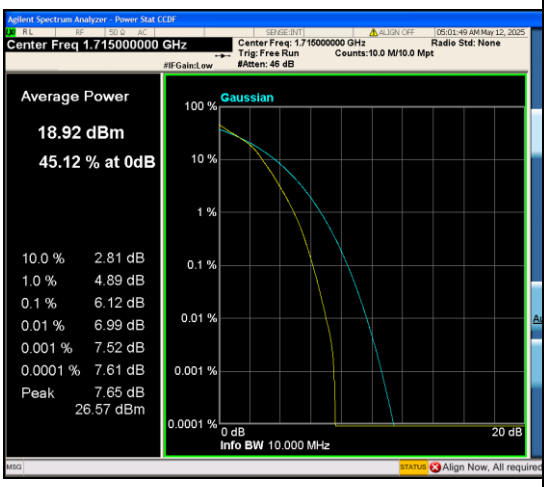
Band4-10MHz-QPSK-20000-50RB#0-PASS



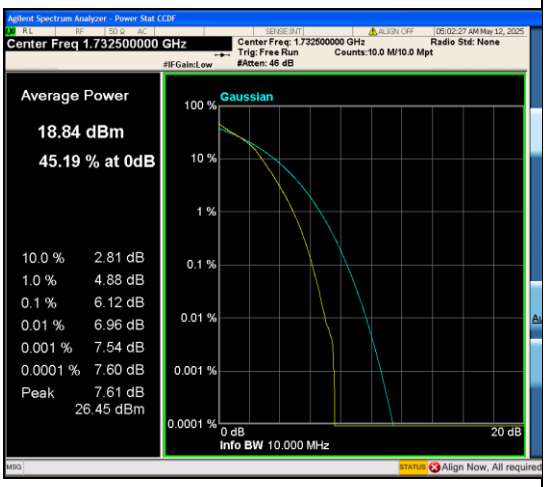
Band4-10MHz-QPSK-20175-50RB#0-PASS



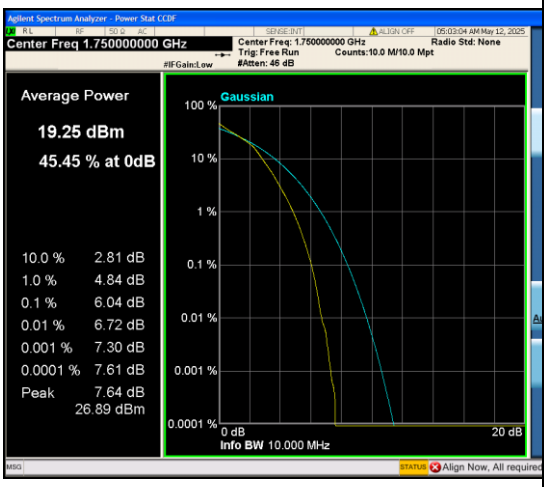
Band4-10MHz-QPSK-20350-50RB#0-PASS



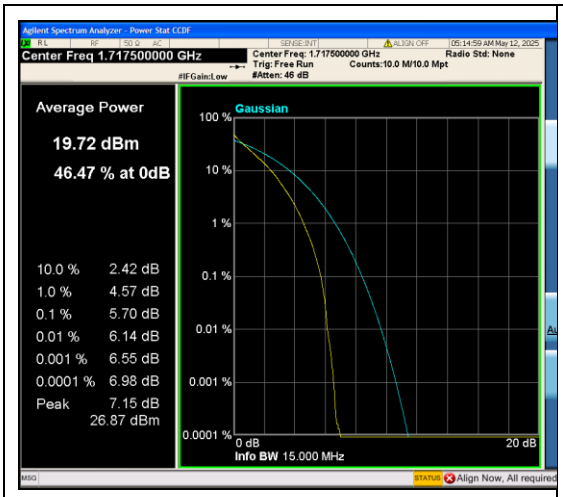
Band4-10MHz-16QAM-20000-50RB#0-PASS



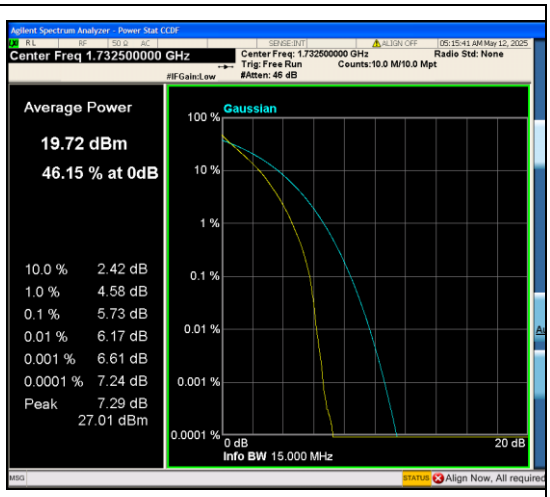
Band4-10MHz-16QAM-20175-50RB#0-PASS



Band4-10MHz-16QAM-20350-50RB#0-PASS



Band4-15MHz-QPSK-20025-75RB#0-PASS



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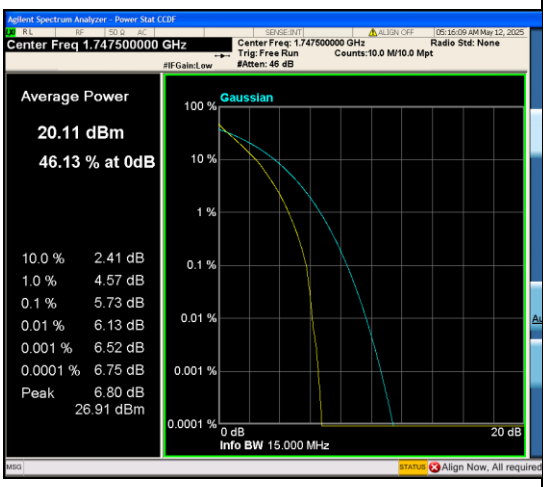

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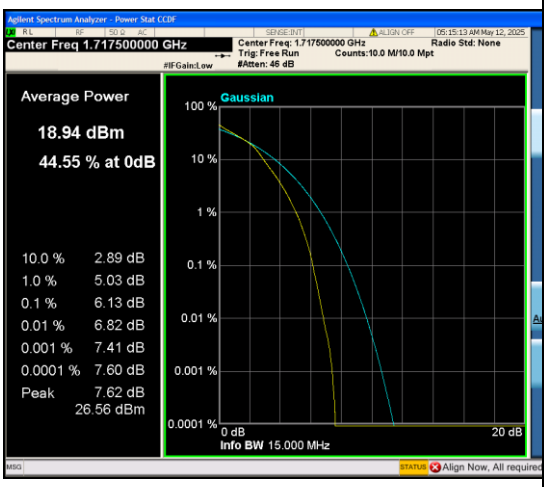
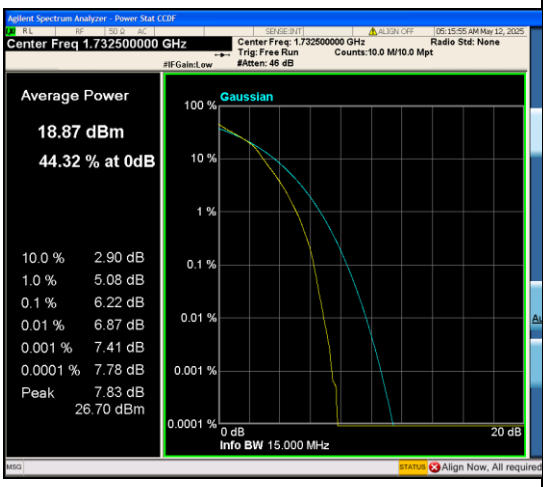


Band4-15MHz-16QAM-20025-75RB#0-PASS



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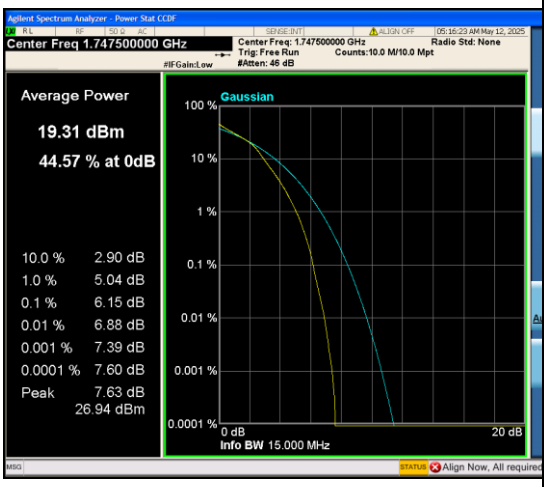
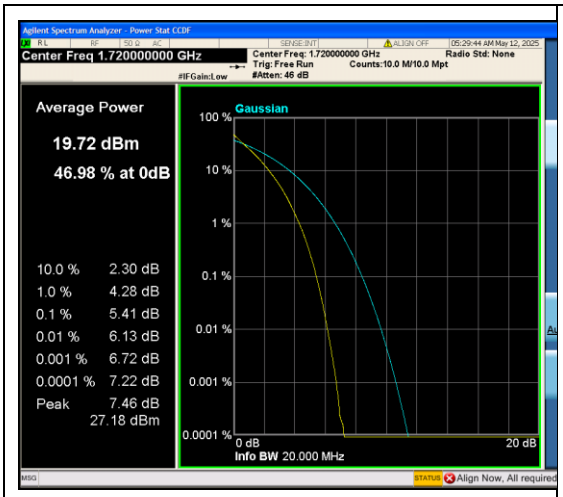
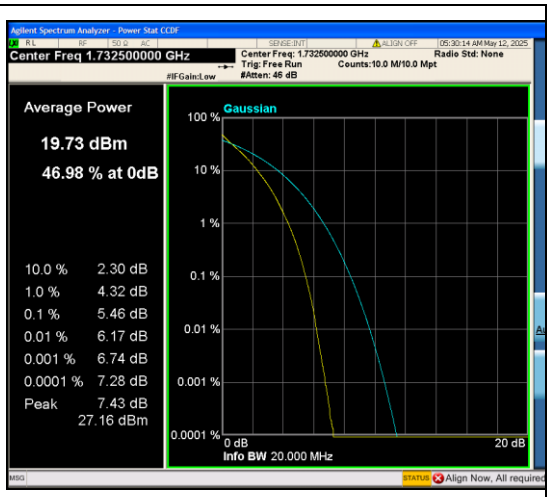


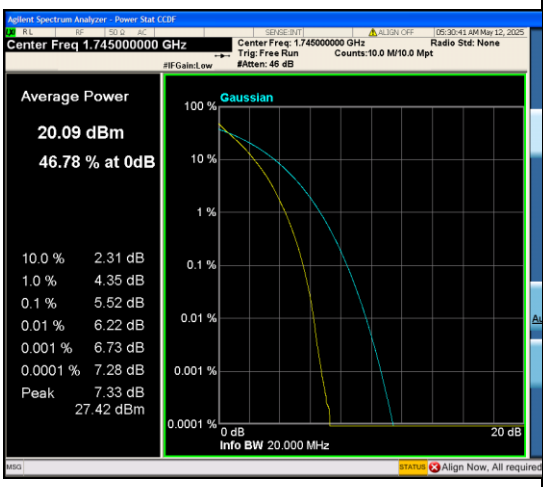
Band4-15MHz-16QAM-20325-75RB#0-PASS



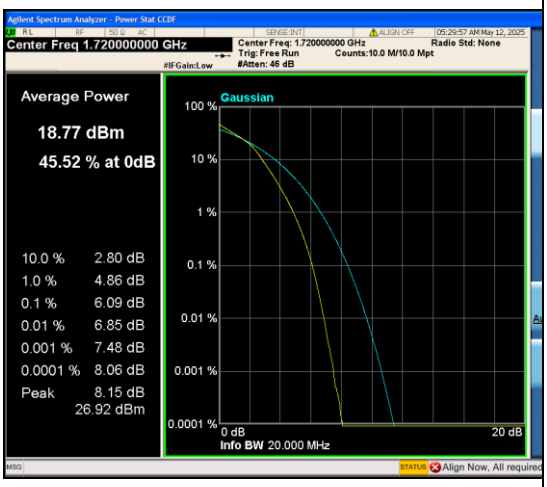
Band4-20MHz-QPSK-20050-100RB#0-PASS



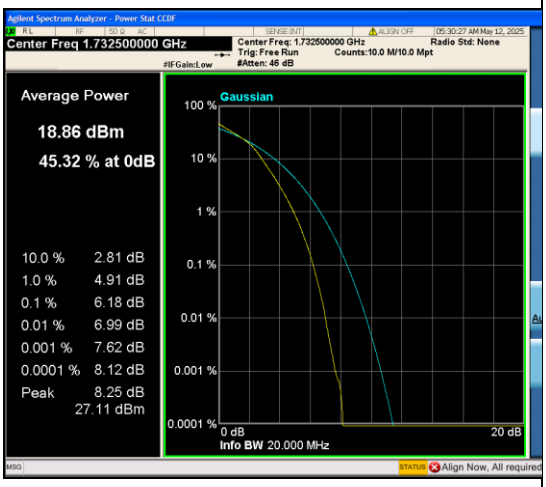
Band4-20MHz-QPSK-20175-100RB#0-PASS



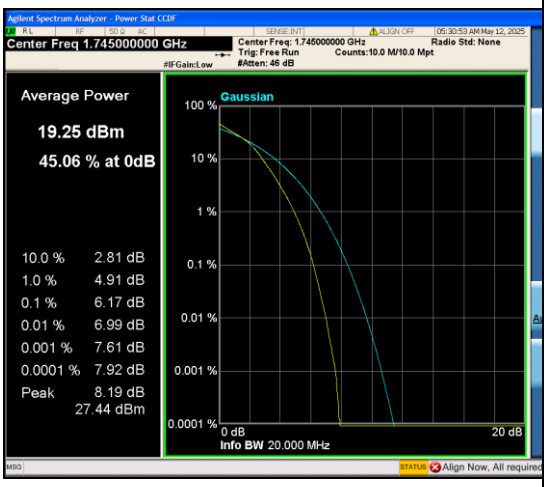
Band4-20MHz-QPSK-20300-100RB#0-PASS



Band4-20MHz-16QAM-20050-100RB#0-PASS



Band4-20MHz-16QAM-20175-100RB#0-PASS



Band4-20MHz-16QAM-20300-100RB#0-PASS

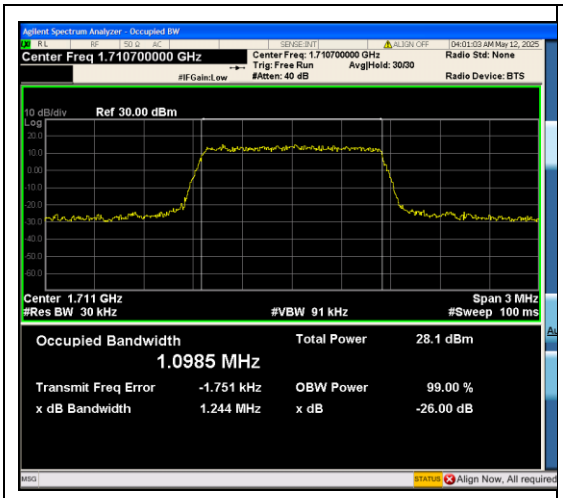
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

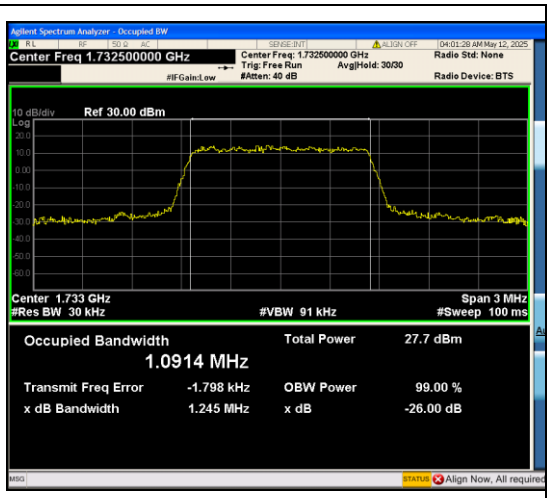
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0985	1.244	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0914	1.245	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0917	1.241	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0914	1.247	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1009	1.250	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1052	1.255	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7091	3.024	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7132	3.019	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7113	3.011	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6996	3.036	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7024	3.022	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7051	3.032	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5085	4.986	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5099	4.996	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5083	4.992	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5084	4.967	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.4993	4.965	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5067	4.971	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9971	9.935	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9887	9.930	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0166	9.901	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.0069	9.959	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9929	9.937	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0027	9.965	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.503	14.99	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.510	14.87	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.497	15.07	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.490	14.99	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.523	14.91	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.491	15.03	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.022	19.67	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.943	19.65	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.039	19.82	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.005	19.80	PASS

Band4	20MHz	16QAM	20175	100RB#0	17.969	19.68	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.033	19.75	PASS

Test Graphs



Band4-1.4MHz-QPSK-19957-6RB#0-PASS



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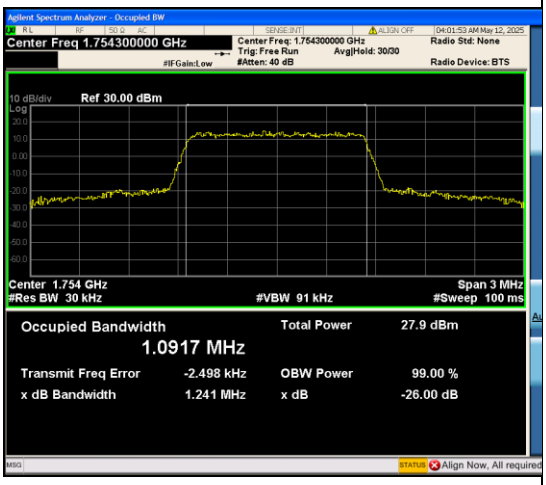

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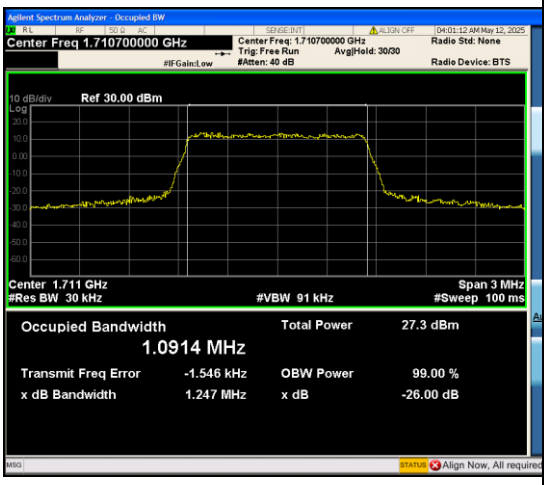
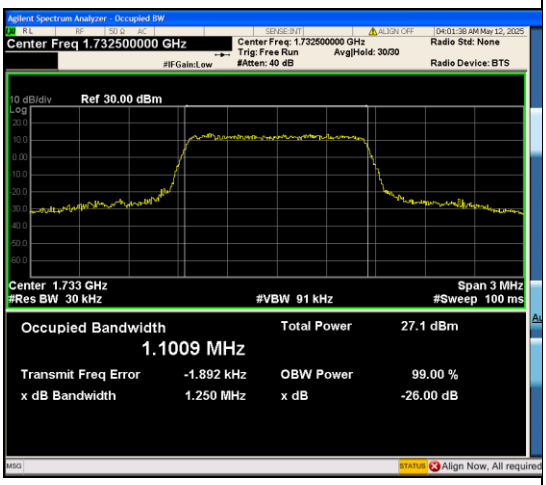


Band4-1.4MHz-16QAM-19957-6RB#0-PASS



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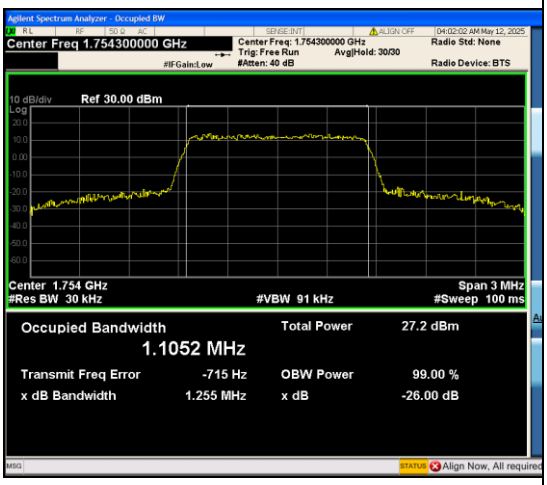

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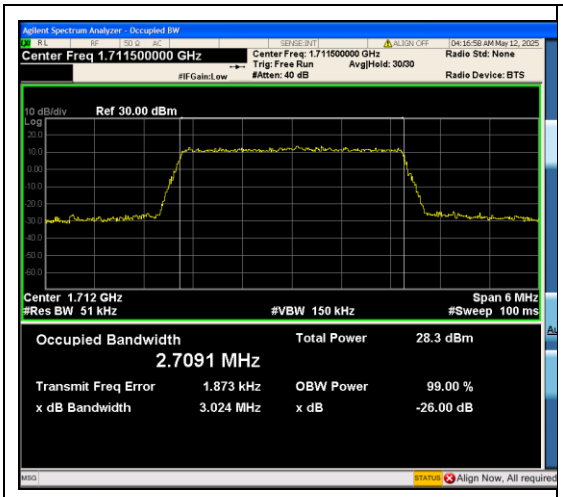
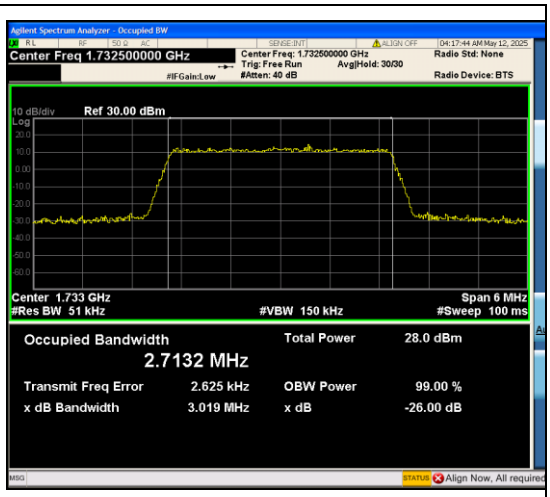


Band4-3MHz-QPSK-19965-15RB#0-PASS



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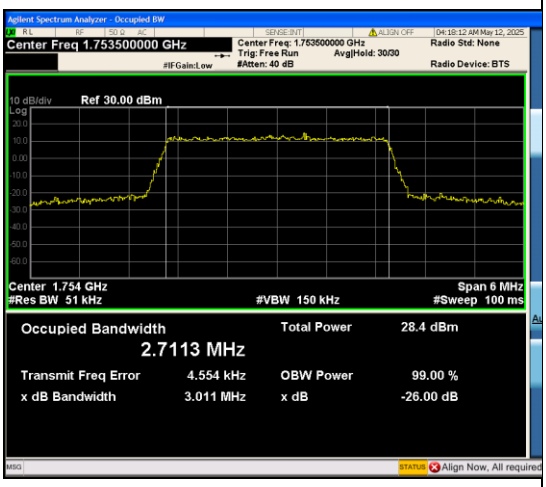
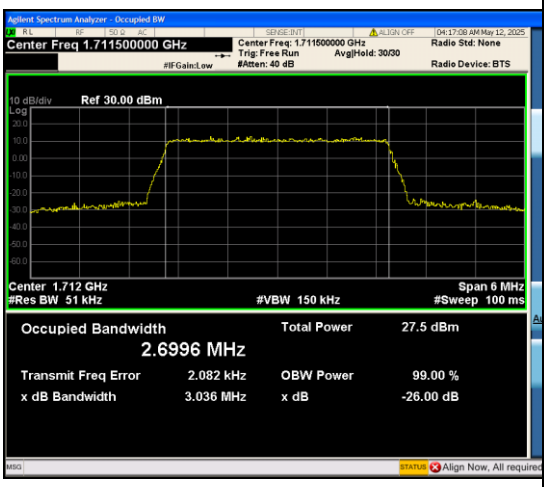


Band4-3MHz-QPSK-20385-15RB#0-PASS



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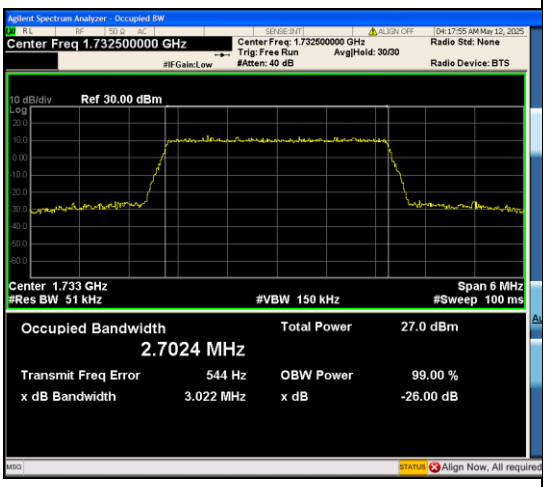

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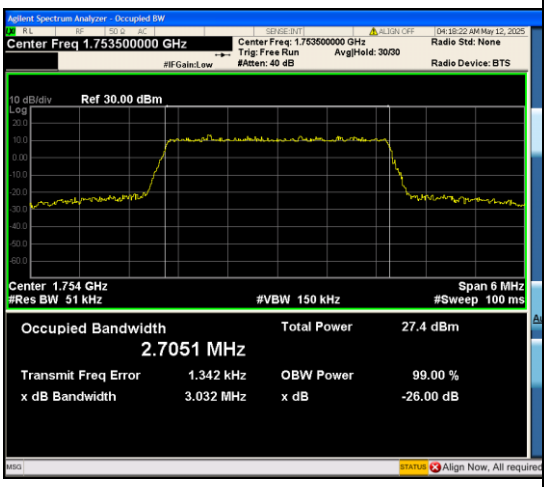

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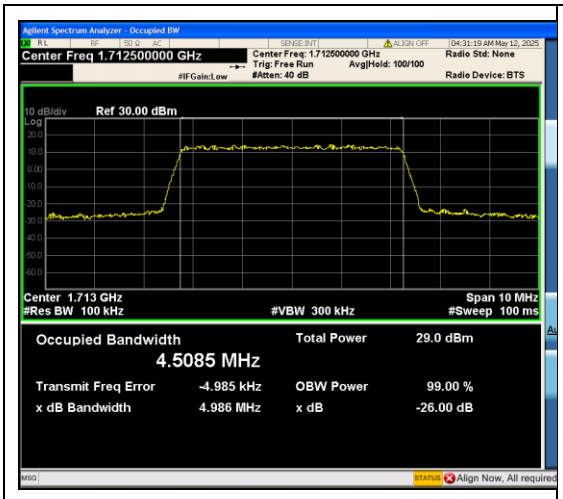
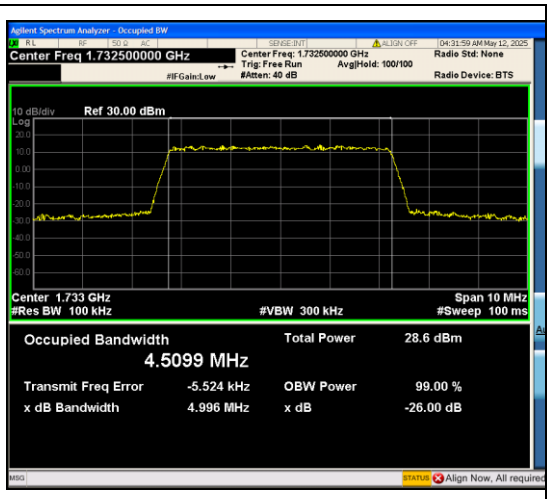


Band4-5MHz-QPSK-19975-25RB#0-PASS



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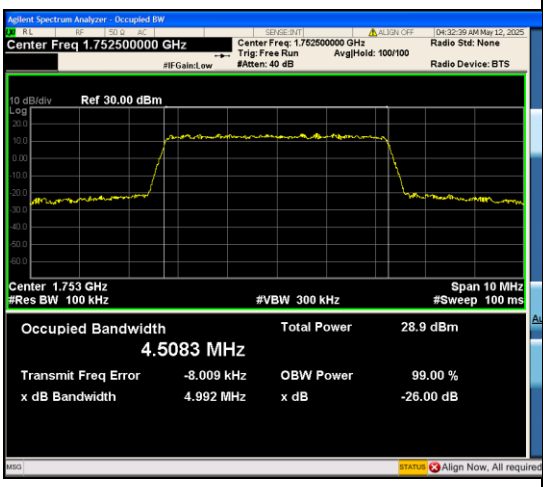
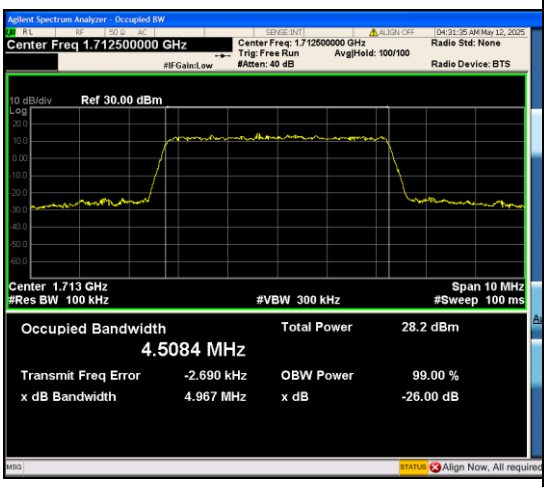


Band4-5MHz-QPSK-20375-25RB#0-PASS



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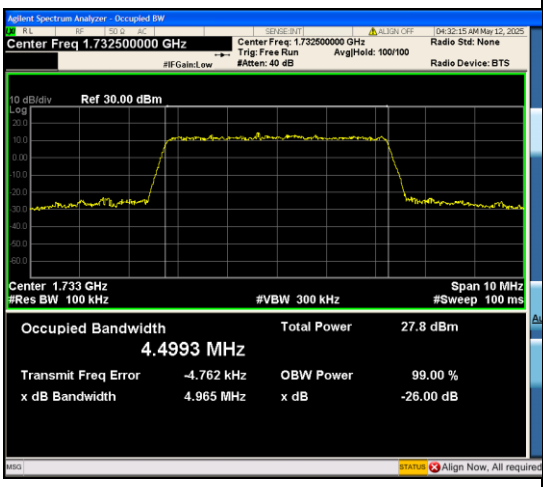

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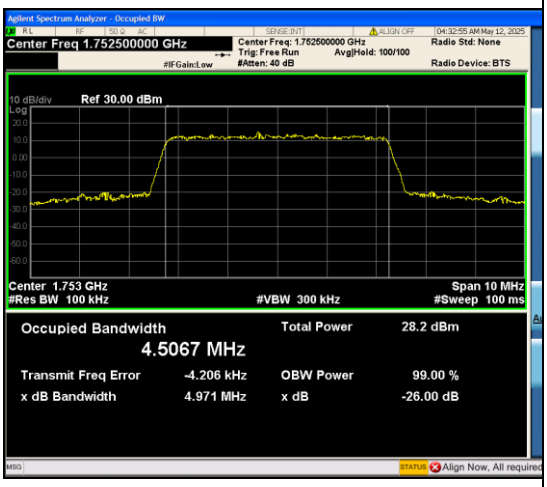

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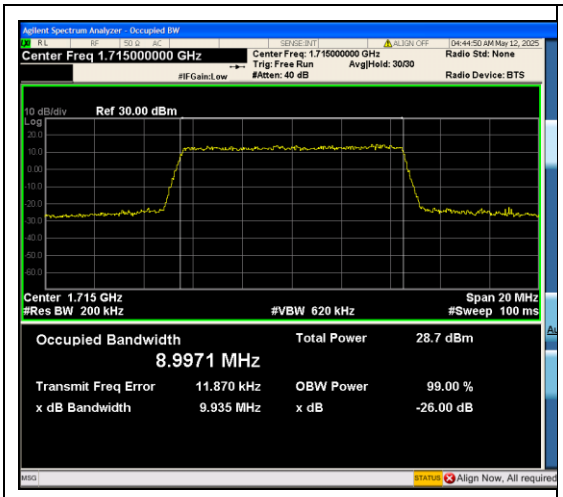
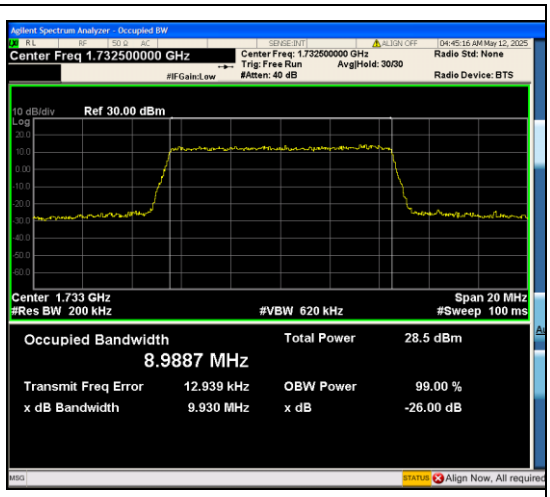


Band4-10MHz-QPSK-20000-50RB#0-PASS



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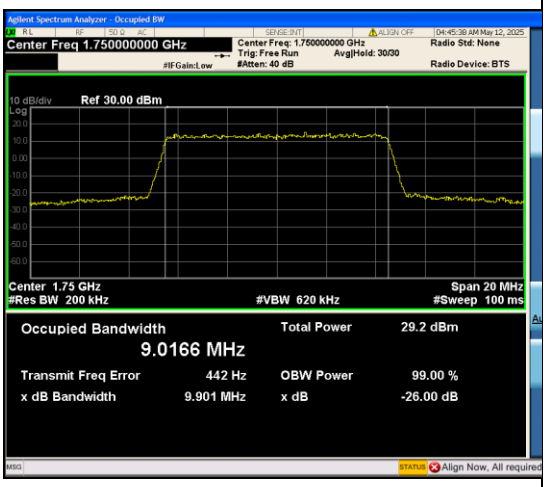
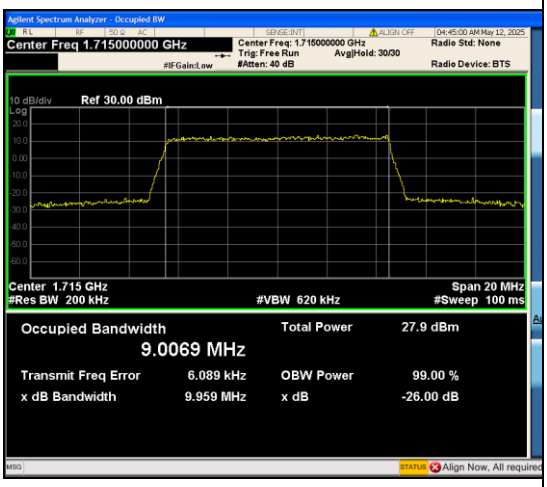


Band4-10MHz-QPSK-20350-50RB#0-PASS



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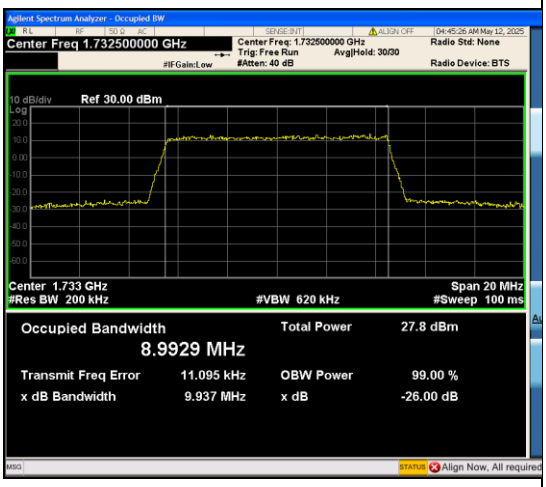

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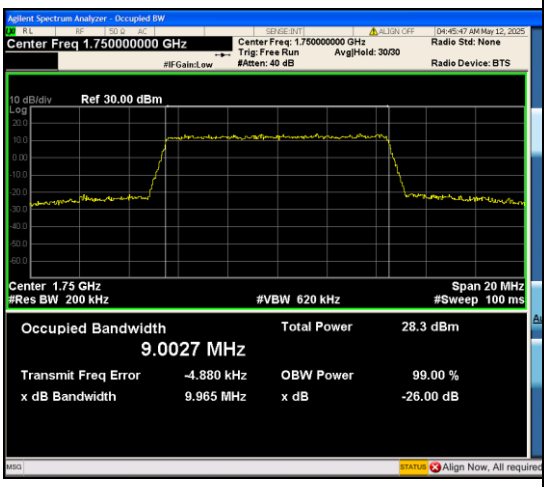

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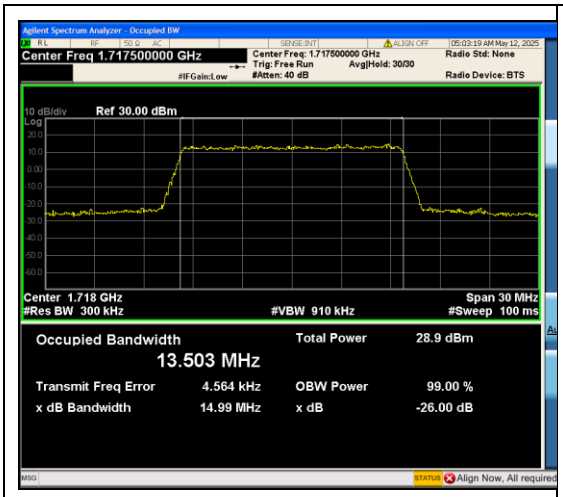
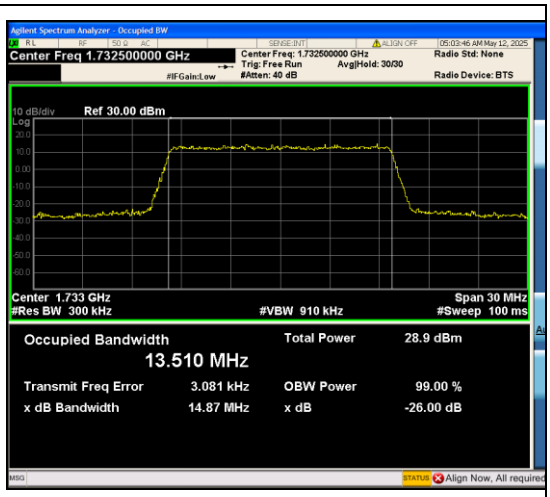
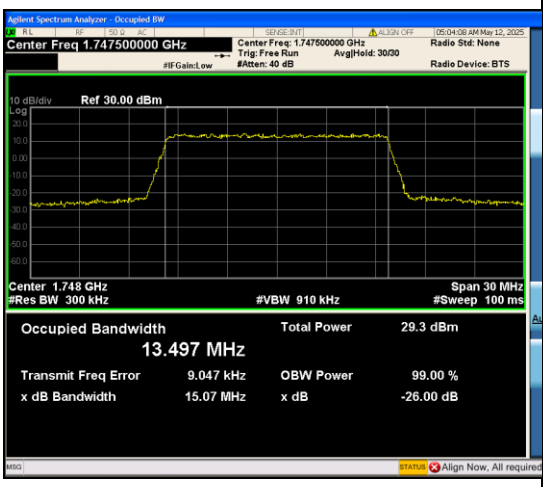


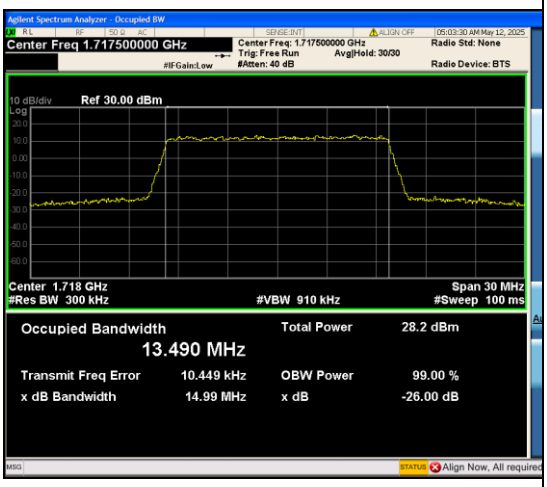
Band4-15MHz-QPSK-20025-75RB#0-PASS



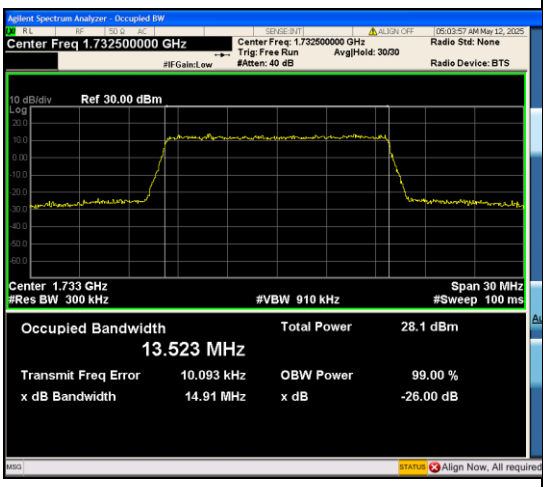
Band4-15MHz-QPSK-20175-75RB#0-PASS



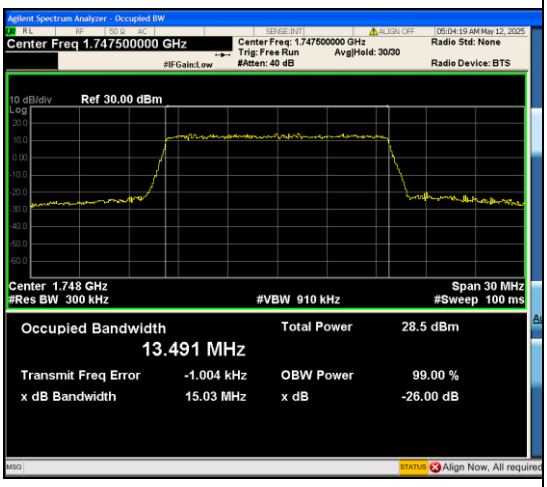
Band4-15MHz-QPSK-20325-75RB#0-PASS



Band4-15MHz-16QAM-20025-75RB#0-PASS



Band4-15MHz-16QAM-20175-75RB#0-PASS



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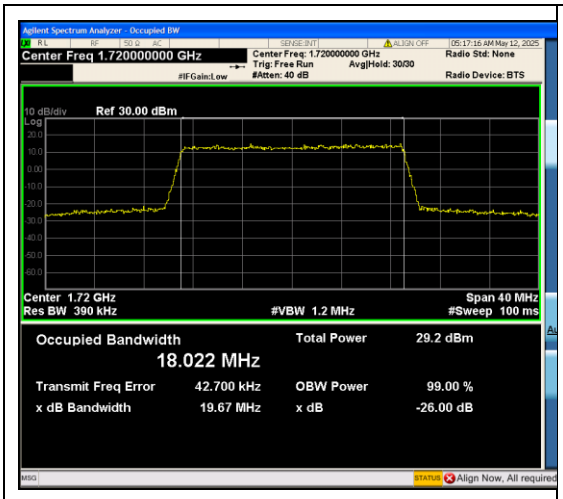
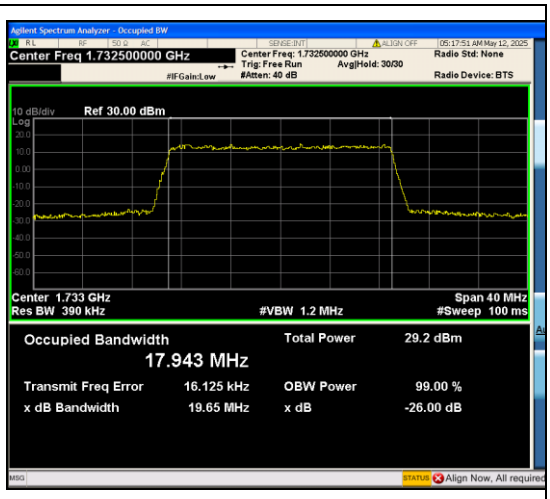
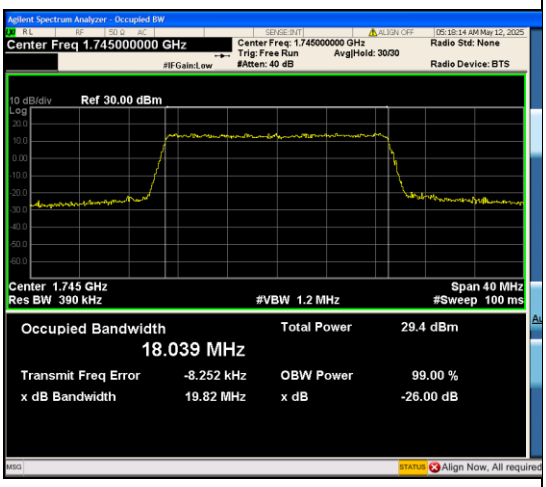


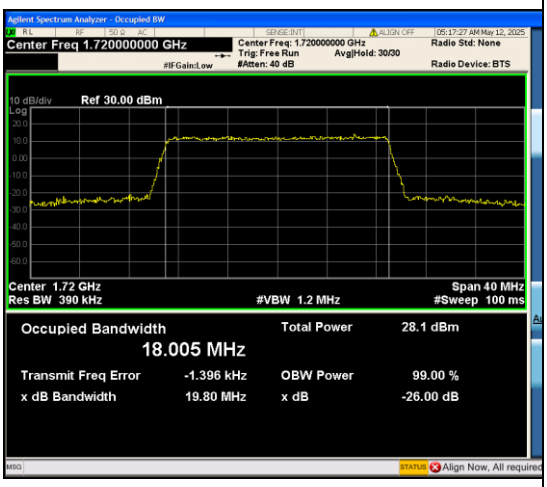
Band4-20MHz-QPSK-20050-100RB#0-PASS



Band4-20MHz-QPSK-20175-100RB#0-PASS



Band4-20MHz-QPSK-20300-100RB#0-PASS



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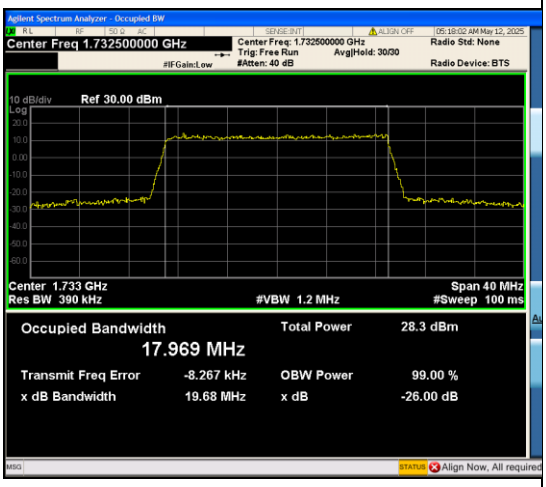
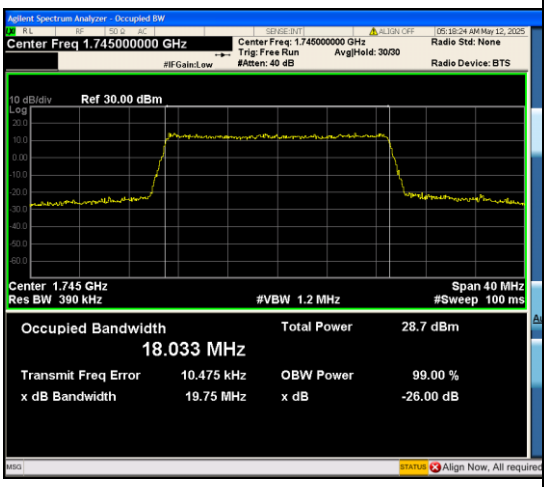


Band4-20MHz-16QAM-20175-100RB#0-PASS



Band4-20MHz-16QAM-20300-100RB#0-PASS

Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-30.17	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-28.81	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-30.75	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-29.87	PASS
Band4	3MHz	QPSK	19965	15RB#0	-28.69	PASS
Band4	3MHz	QPSK	20385	15RB#0	-25.33	PASS
Band4	3MHz	16QAM	19965	15RB#0	-28.16	PASS
Band4	3MHz	16QAM	20385	15RB#0	-25.88	PASS
Band4	5MHz	QPSK	19975	25RB#0	-29.86	PASS
Band4	5MHz	QPSK	20375	25RB#0	-27.61	PASS
Band4	5MHz	16QAM	19975	25RB#0	-29.28	PASS
Band4	5MHz	16QAM	20375	25RB#0	-27.57	PASS
Band4	10MHz	QPSK	20000	50RB#0	-30.44	PASS
Band4	10MHz	QPSK	20350	50RB#0	-29.34	PASS
Band4	10MHz	16QAM	20000	50RB#0	-31.01	PASS
Band4	10MHz	16QAM	20350	50RB#0	-29.85	PASS
Band4	15MHz	QPSK	20025	75RB#0	-30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	-30.86	PASS
Band4	15MHz	16QAM	20025	75RB#0	-31.19	PASS
Band4	15MHz	16QAM	20325	75RB#0	-30.97	PASS
Band4	20MHz	QPSK	20050	100RB#0	-32.37	PASS
Band4	20MHz	QPSK	20300	100RB#0	-32.30	PASS
Band4	20MHz	16QAM	20050	100RB#0	-32.99	PASS
Band4	20MHz	16QAM	20300	100RB#0	-32.30	PASS