FCC LTE Band Test Data

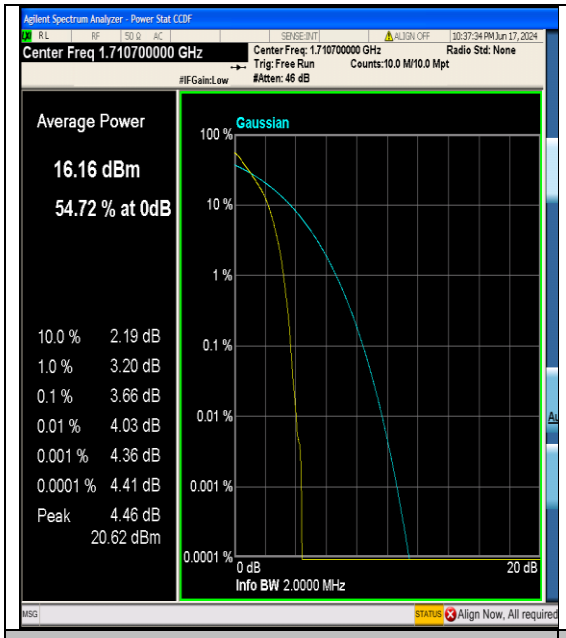
FCC ID	**:**	**2BCQ3FLY200**
Company:	**:**	**A3 MOBILE SAS**
EUT	**:**	**Mobile Phone**
Model Number	**:**	**FY-200**
Reviewed By	**:**	**Eric Wang**

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

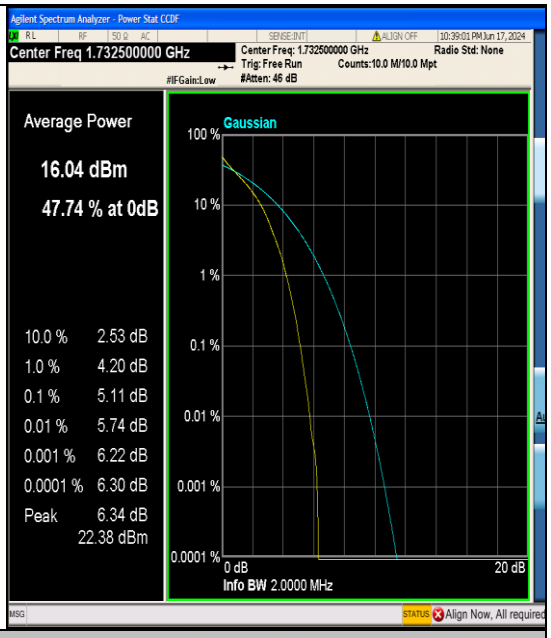
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	3.66	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.11	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	3.42	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	4.44	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.90	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	4.11	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.40	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.33	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.26	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.09	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.09	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	4.91	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.43	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.34	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.31	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.01	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.00	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.84	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.48	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.34	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.44	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.13	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.05	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.10	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	4.82	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.57	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	4.91	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.35	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.07	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.42	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	4.77	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.24	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.82	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.46	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.99	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.50	13	PASS

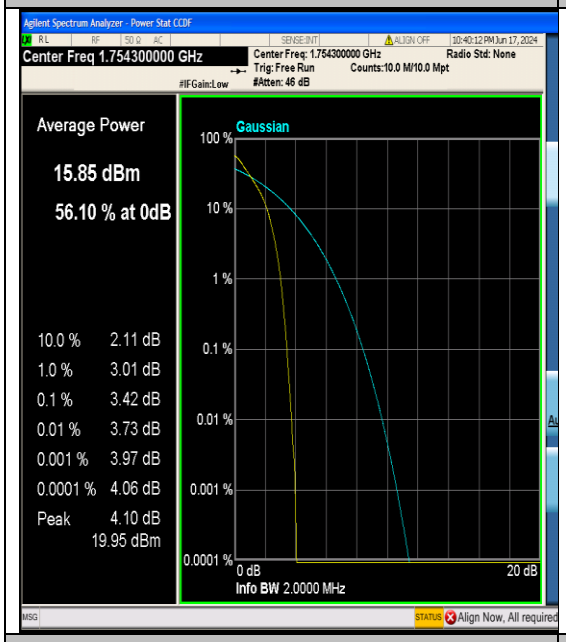
Test Graphs



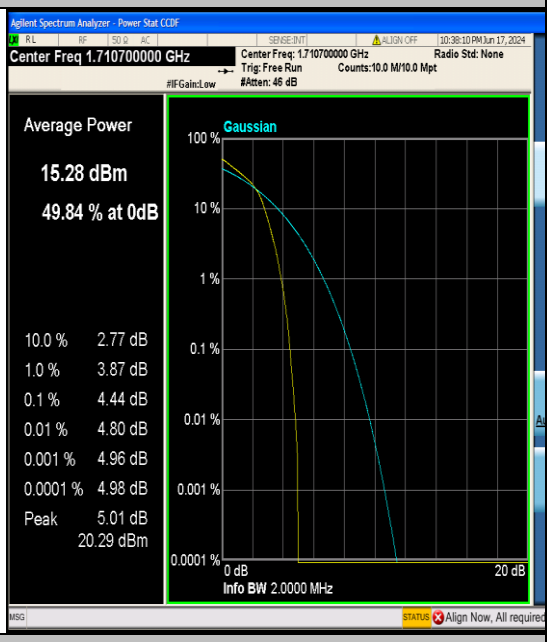
Band4-1.4MHz-QPSK-19957-6RB#0-PASS



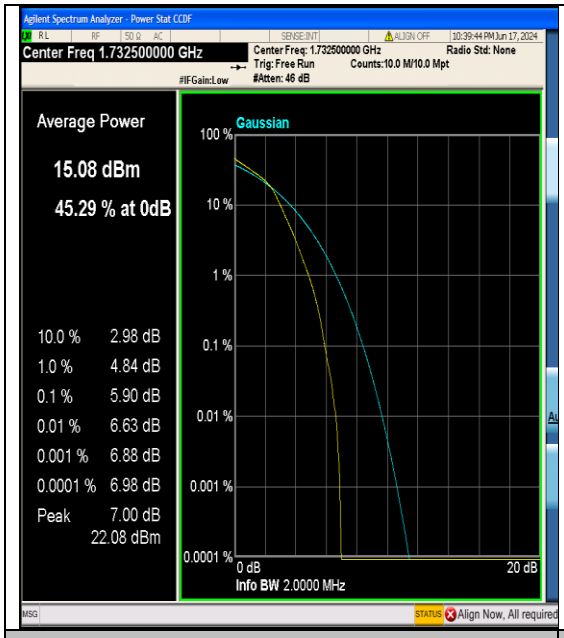
Band4-1.4MHz-QPSK-20175-6RB#0-PASS



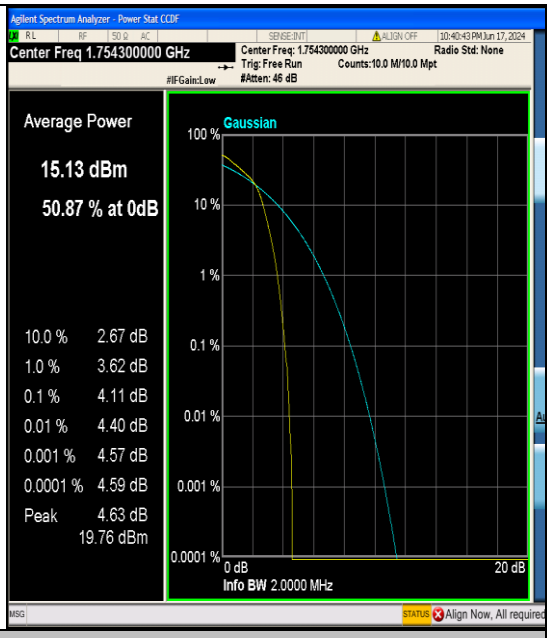
Band4-1.4MHz-QPSK-20393-6RB#0-PASS



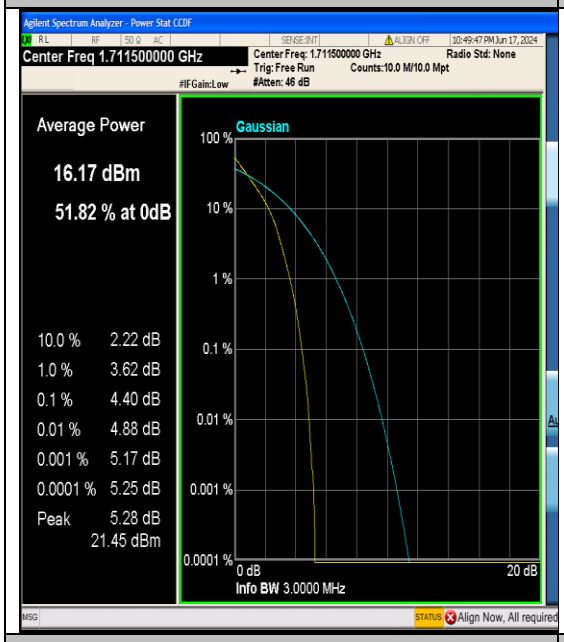
Band4-1.4MHz-16QAM-19957-6RB#0-PASS



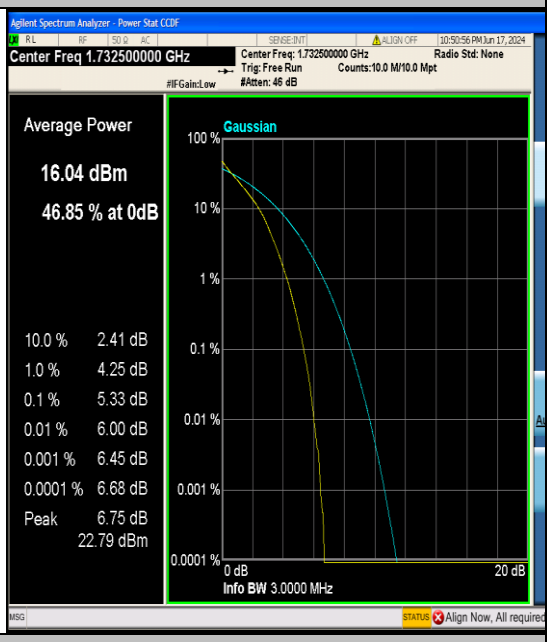
Band4-1.4MHz-16QAM-20175-6RB#0-PASS



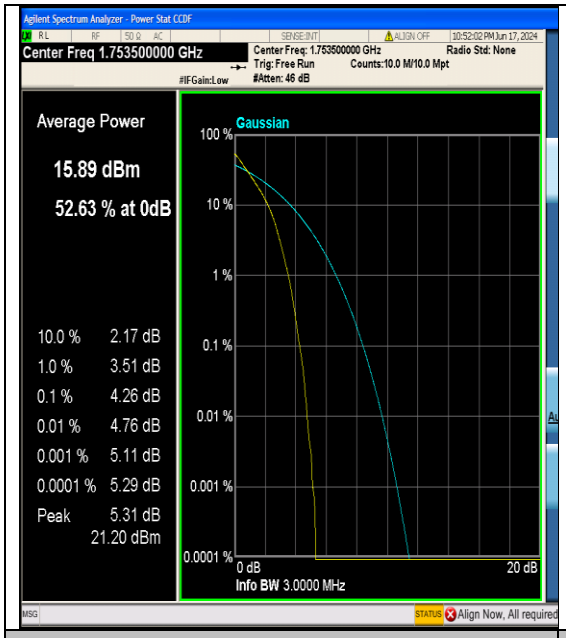
Band4-1.4MHz-16QAM-20393-6RB#0-PASS



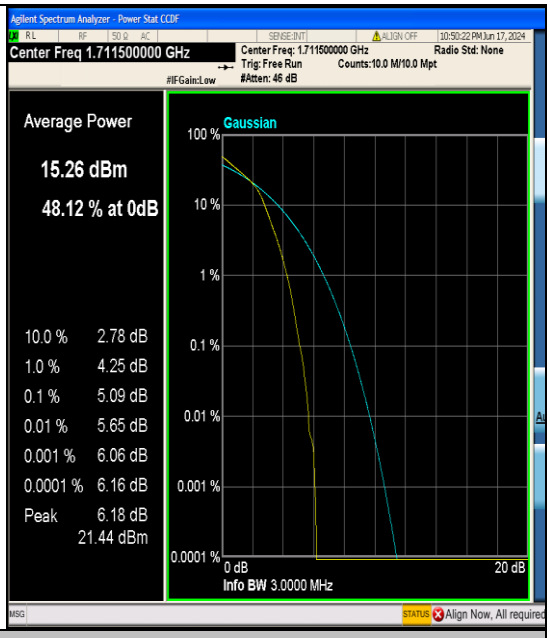
Band4-3MHz-QPSK-19965-15RB#0-PASS



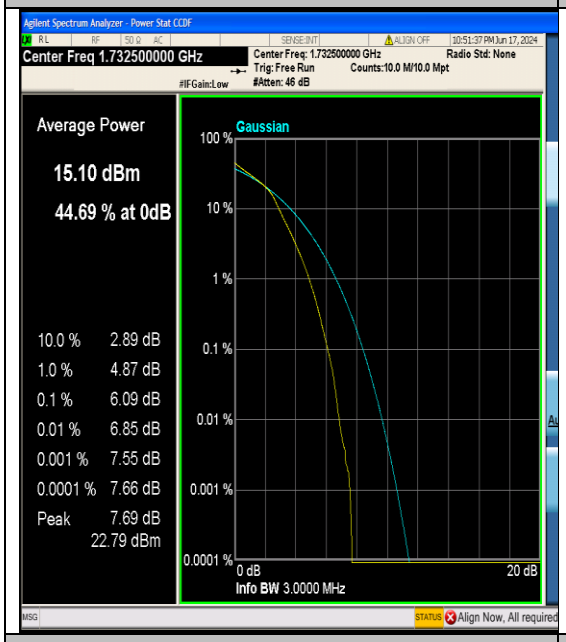
Band4-3MHz-QPSK-20175-15RB#0-PASS



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



Band4-3MHz-16QAM-19965-15RB#0-PASS



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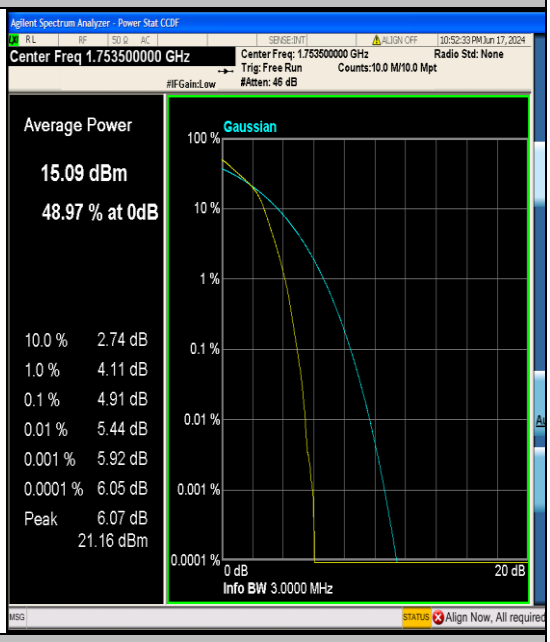

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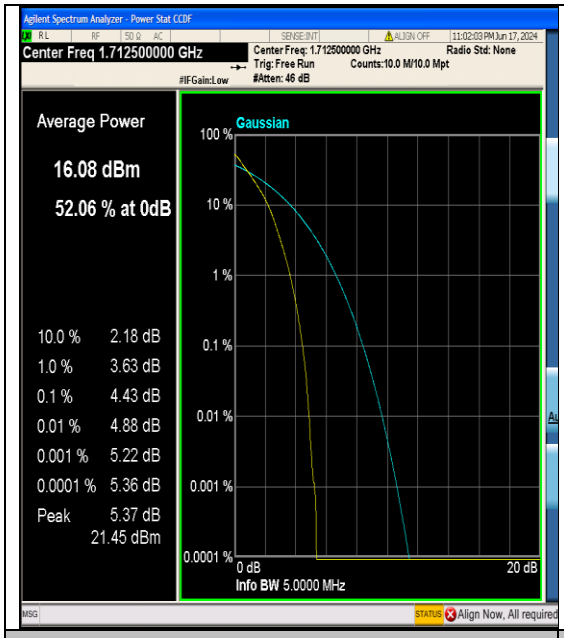
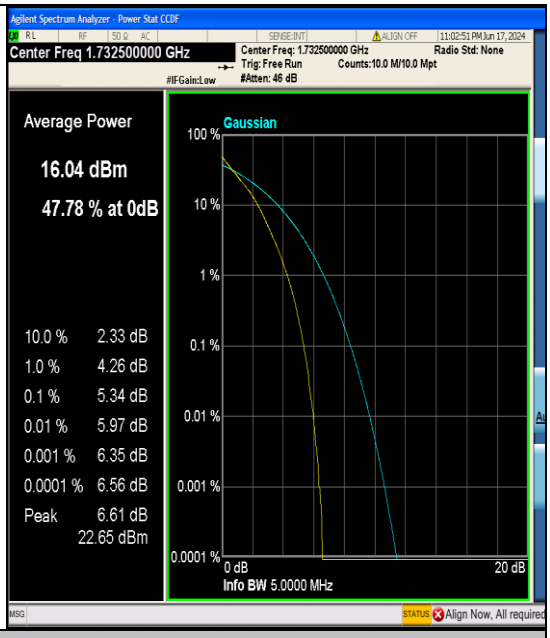
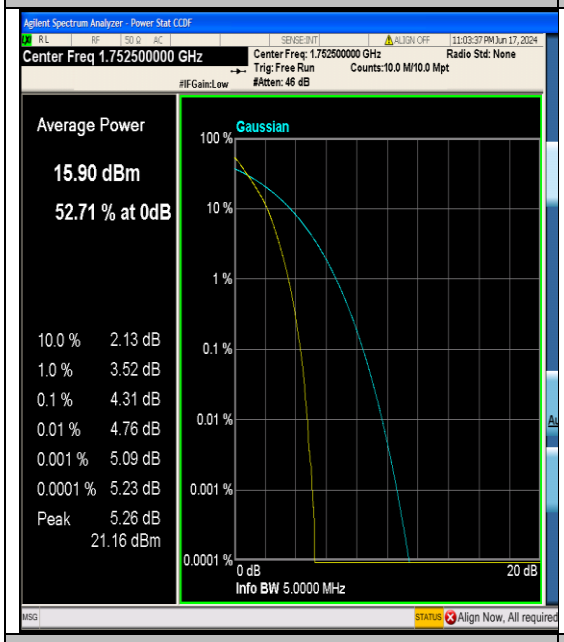


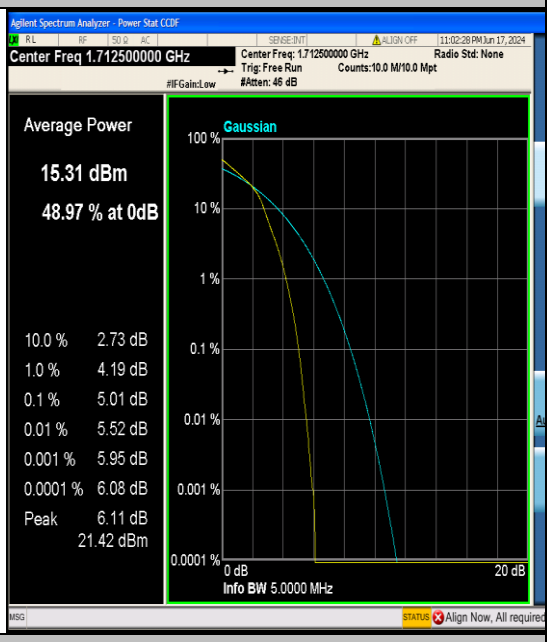
Band4-5MHz-QPSK-19975-25RB#0-PASS



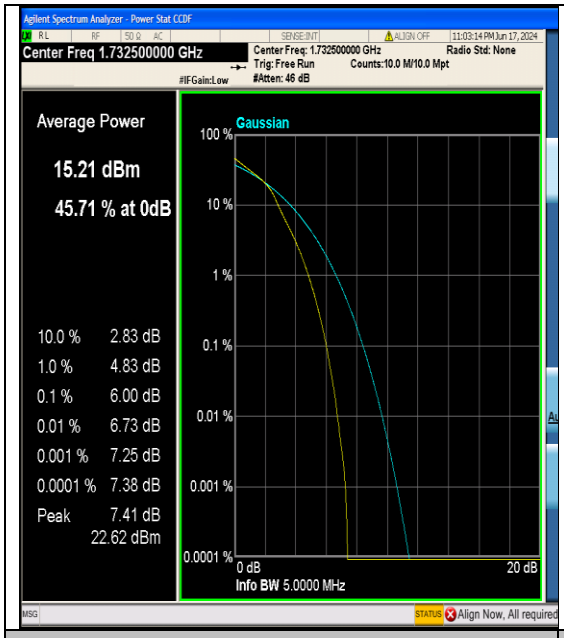
Band4-5MHz-QPSK-20175-25RB#0-PASS



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



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



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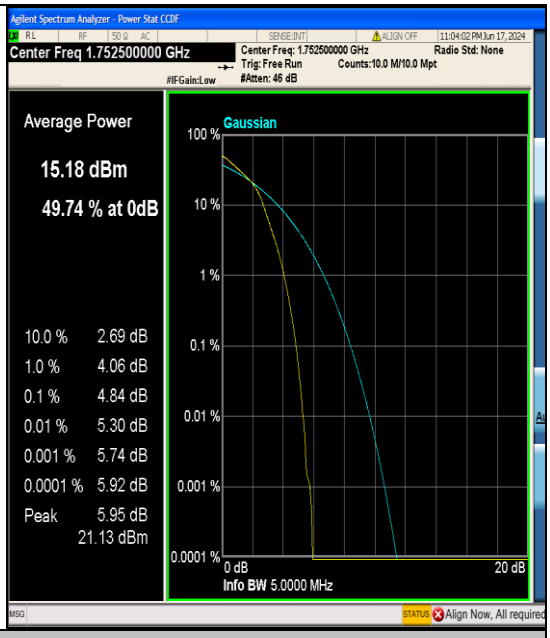
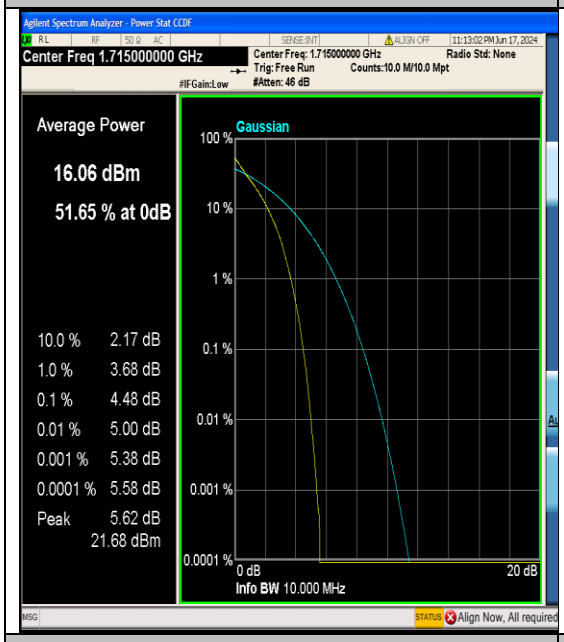
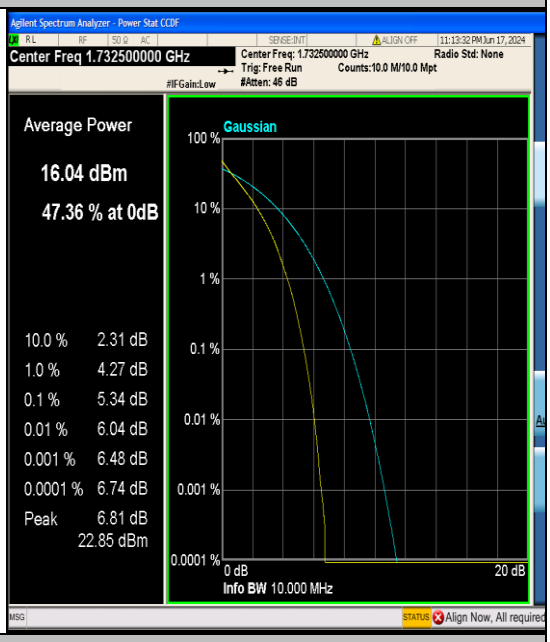


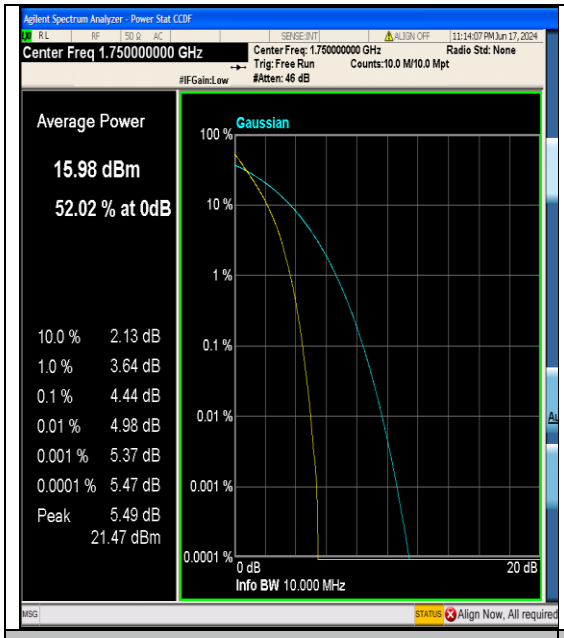
Band4-5MHz-16QAM-20375-25RB#0-PASS



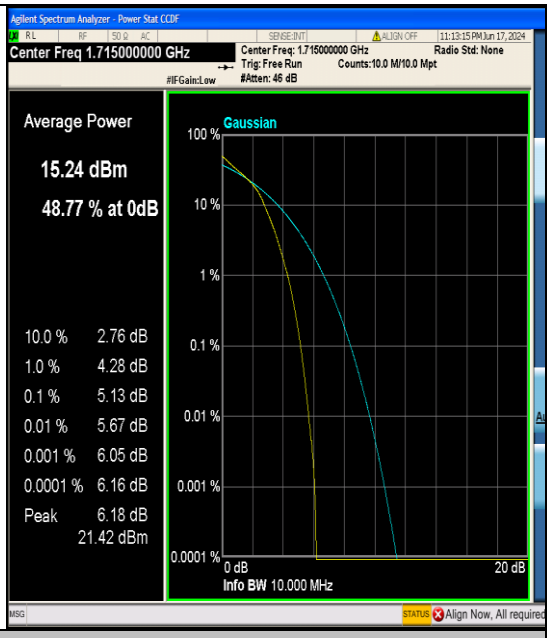
Band4-10MHz-QPSK-20000-50RB#0-PASS



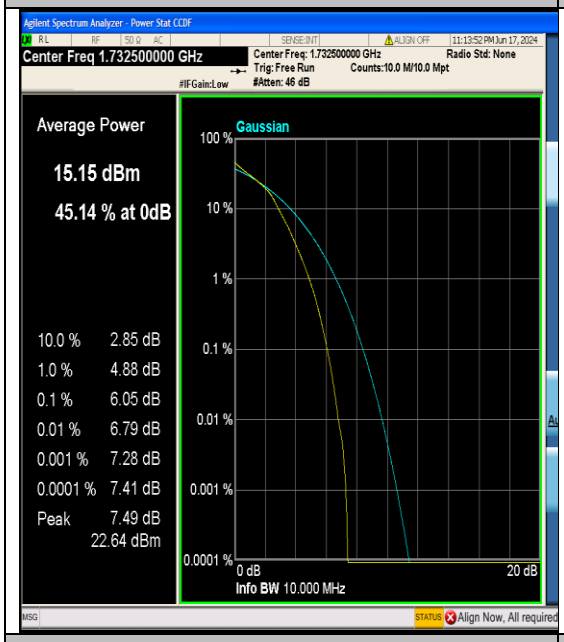
Band4-10MHz-QPSK-20175-50RB#0-PASS



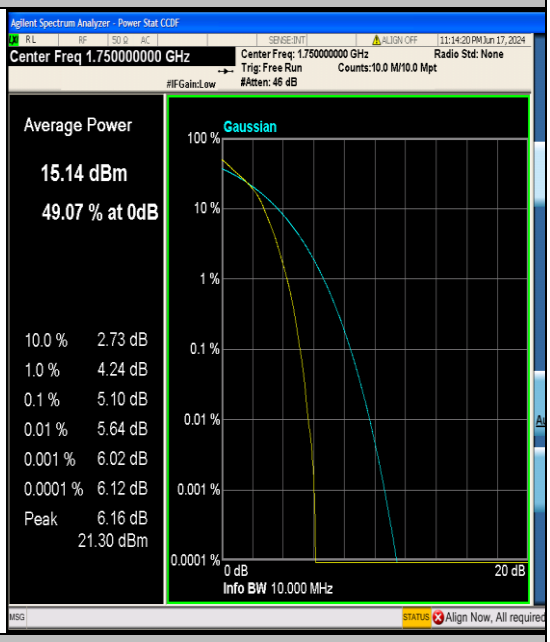
Band4-10MHz-QPSK-20350-50RB#0-PASS



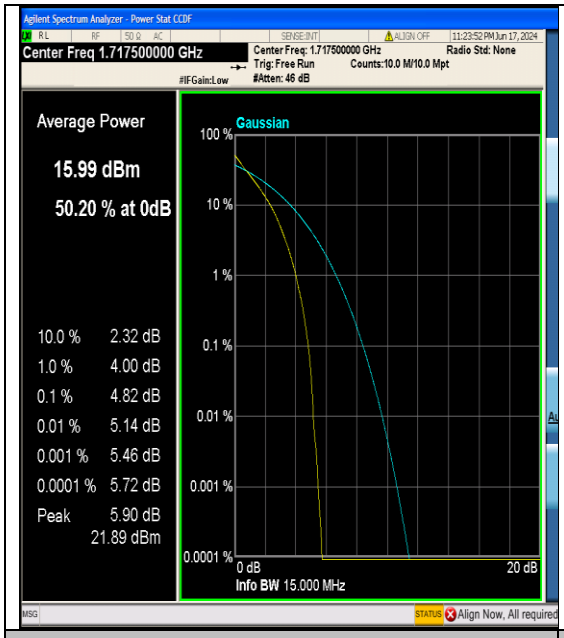
Band4-10MHz-16QAM-20000-50RB#0-PASS



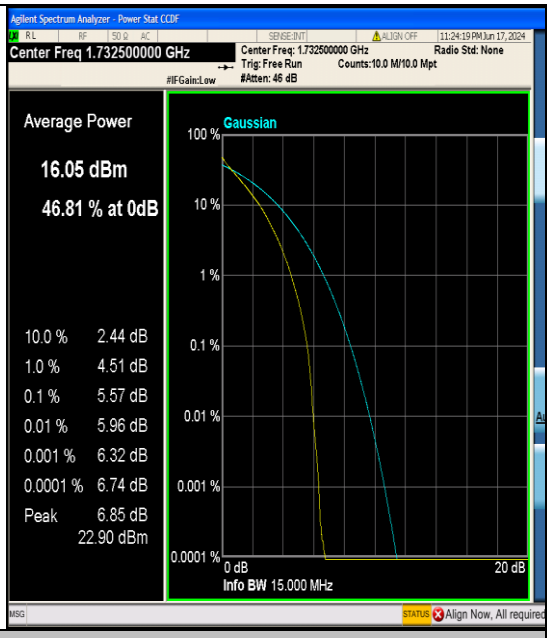
Band4-10MHz-16QAM-20175-50RB#0-PASS



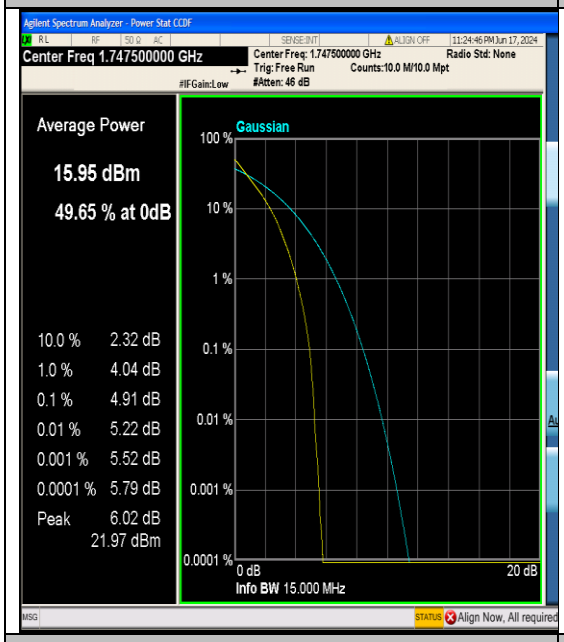
Band4-10MHz-16QAM-20350-50RB#0-PASS



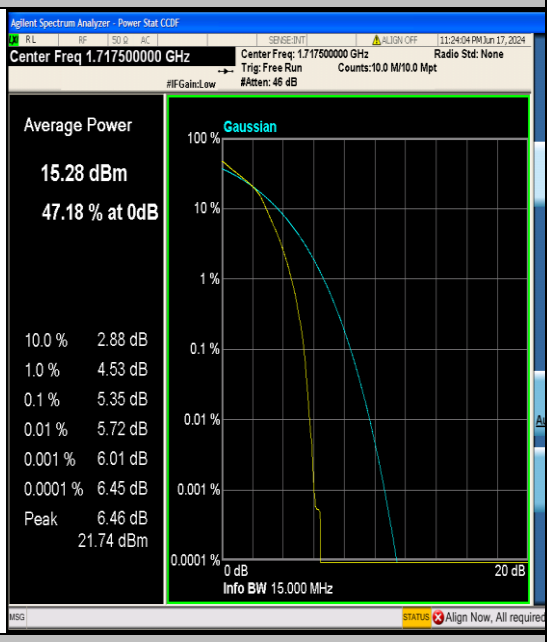
Band4-15MHz-QPSK-20025-75RB#0-PASS



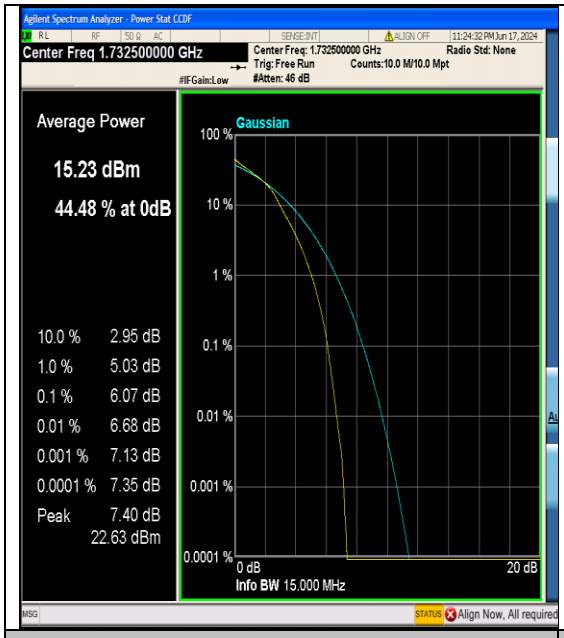
Band4-15MHz-QPSK-20175-75RB#0-PASS



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



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



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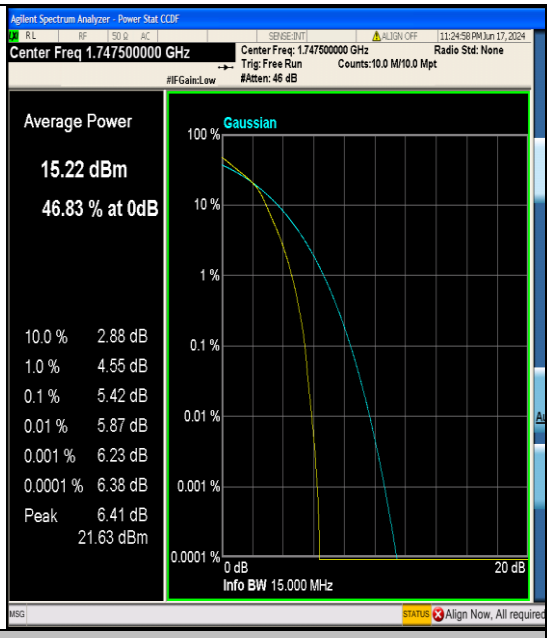
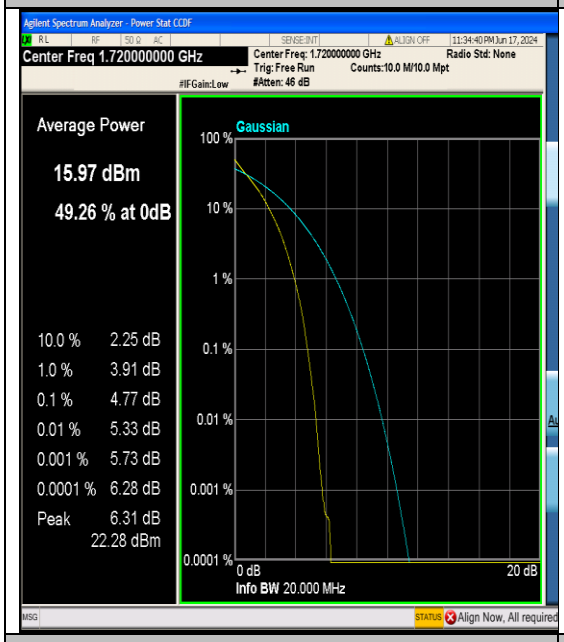
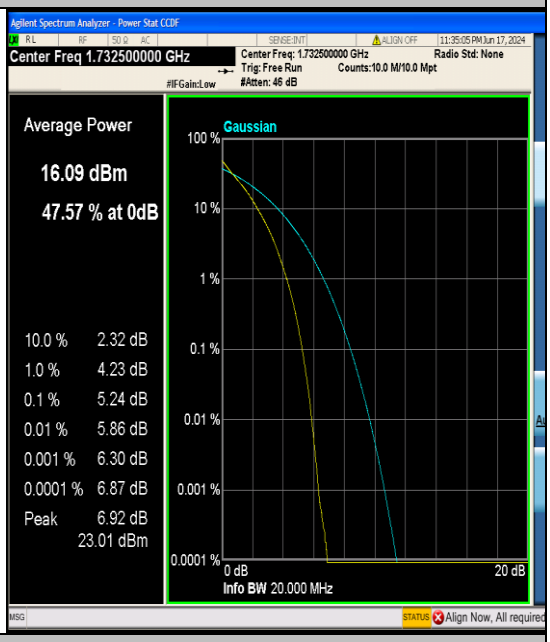


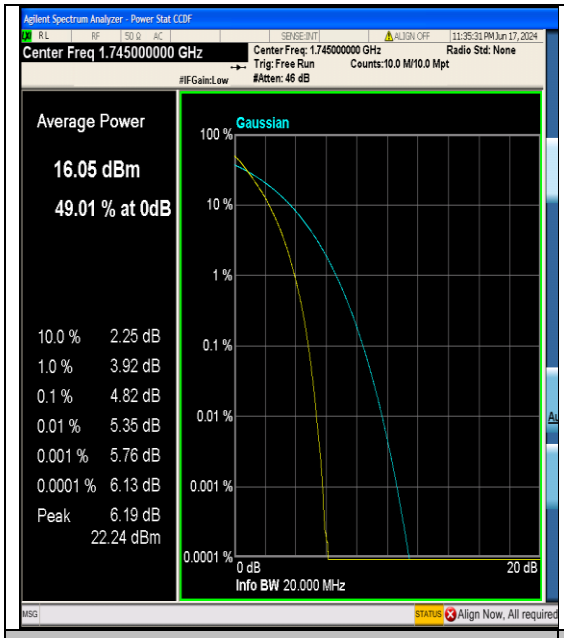
Band4-15MHz-16QAM-20325-75RB#0-PASS



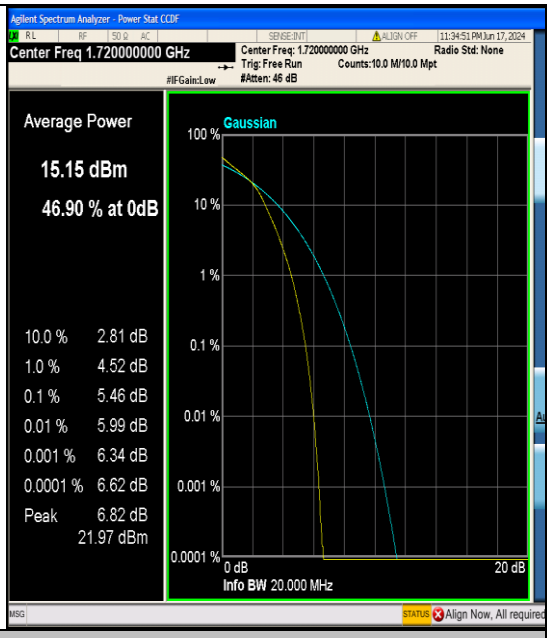
Band4-20MHz-QPSK-20050-100RB#0-PASS



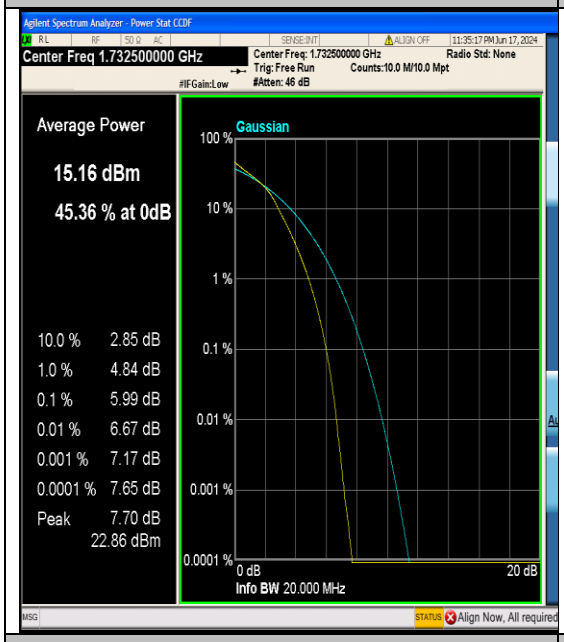
Band4-20MHz-QPSK-20175-100RB#0-PASS



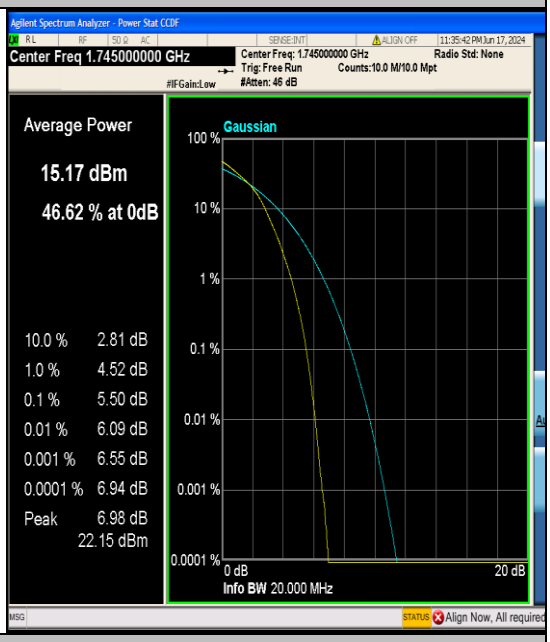
Band4-20MHz-QPSK-20300-100RB#0-PASS



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



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



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

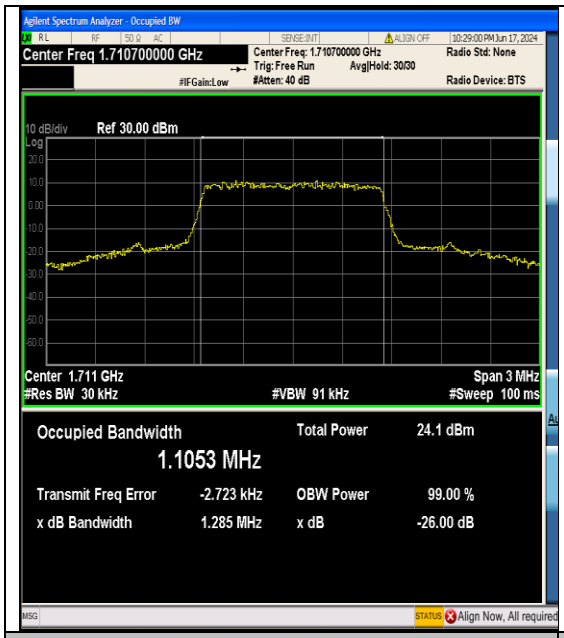
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

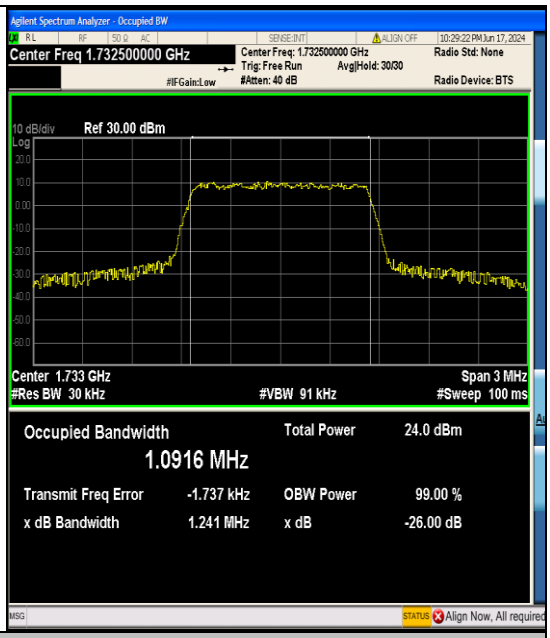
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.1053	1.285	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0916	1.241	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.1003	1.315	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1058	1.371	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1052	1.247	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1146	1.568	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7204	3.048	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7195	3.022	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7336	3.130	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7107	3.062	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7017	3.022	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7154	3.271	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5264	5.024	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5085	4.985	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5293	5.550	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5209	5.000	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5061	4.968	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5245	5.016	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0135	10.05	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0011	9.919	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0220	11.04	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.0221	10.01	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9967	9.928	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0185	10.05	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.530	15.03	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.509	14.99	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.545	14.99	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.517	14.95	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.507	14.93	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.529	15.04	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.027	19.70	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.021	19.79	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.014	19.77	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.997	19.83	PASS

Band4	20MHz	16QAM	20175	100RB#0	18.002	19.72	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.051	19.88	PASS

Test Graphs



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



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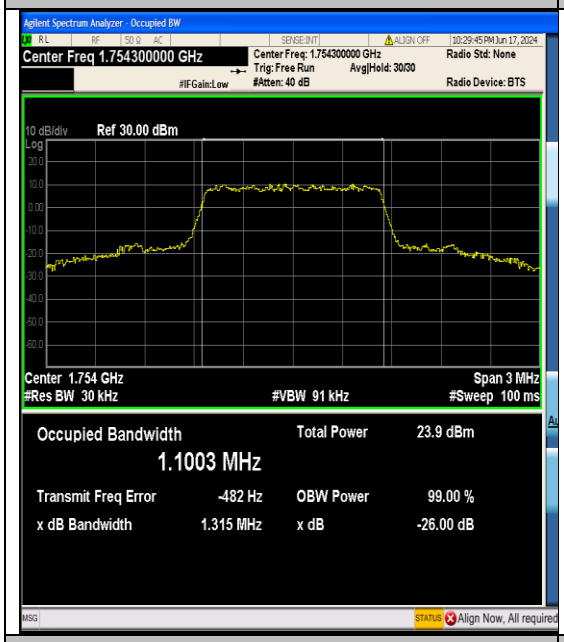
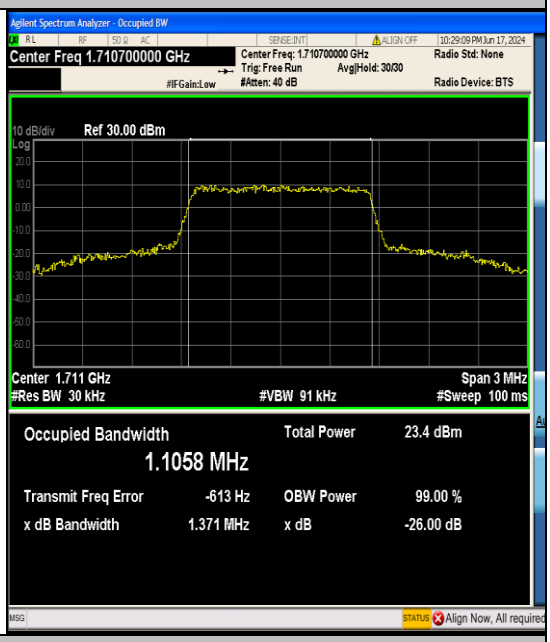


Band4-1.4MHz-QPSK-20393-6RB#0-PASS



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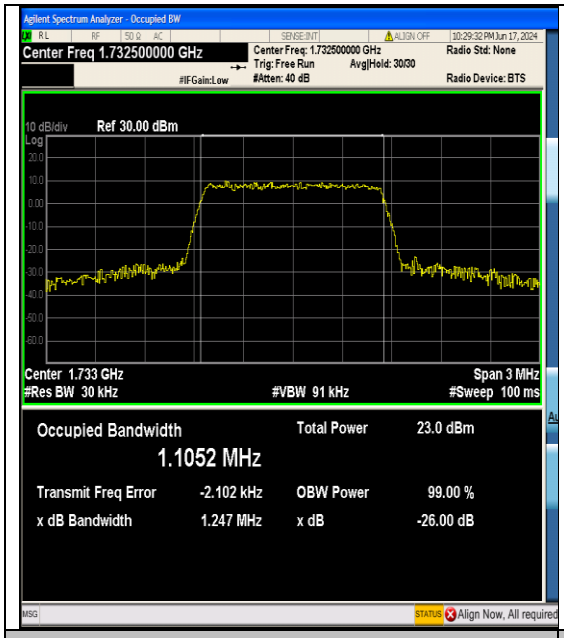

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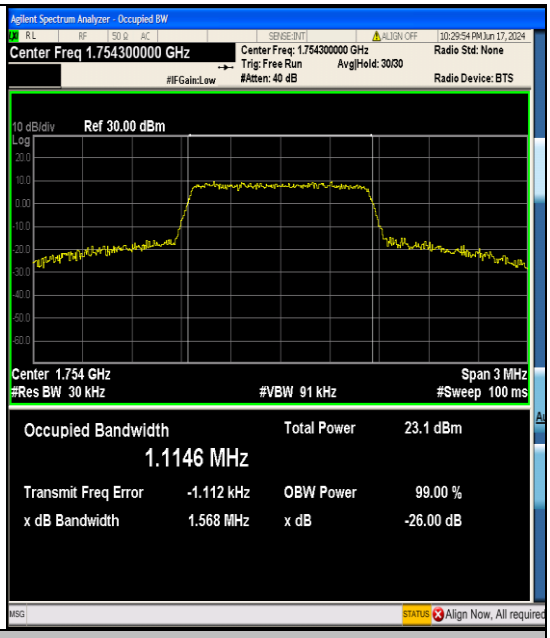

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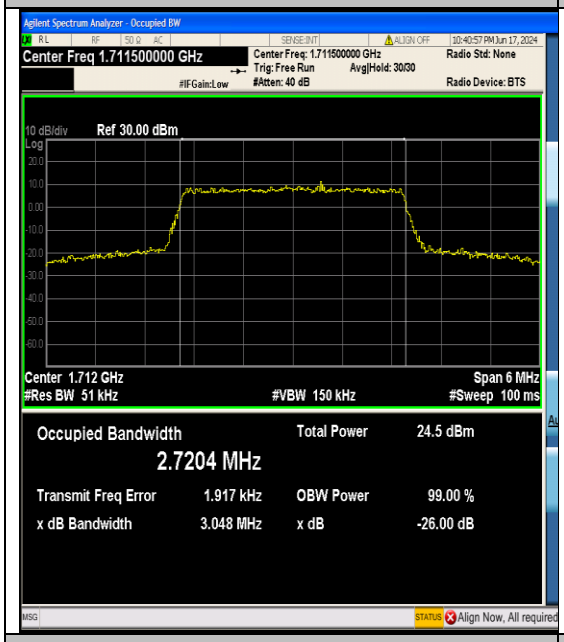
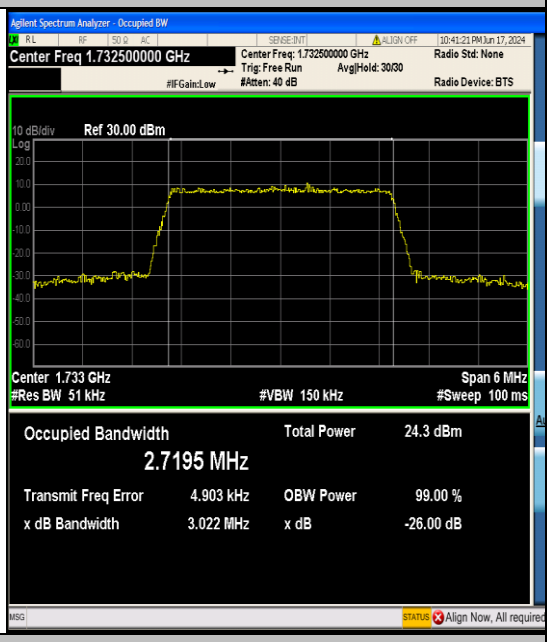


Band4-3MHz-QPSK-19965-15RB#0-PASS



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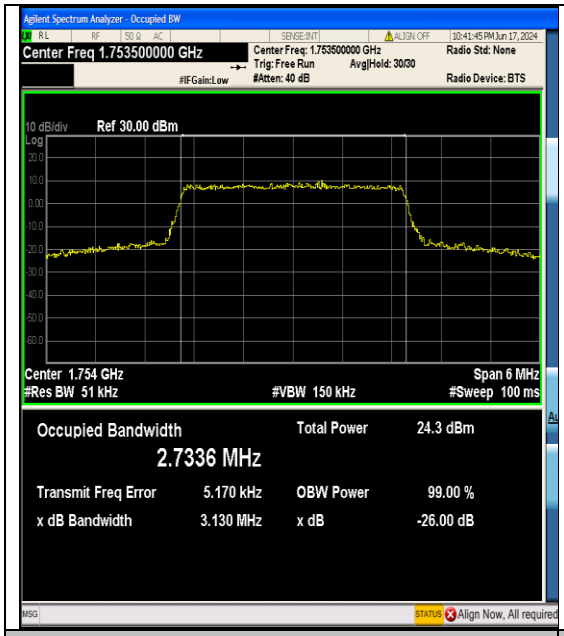
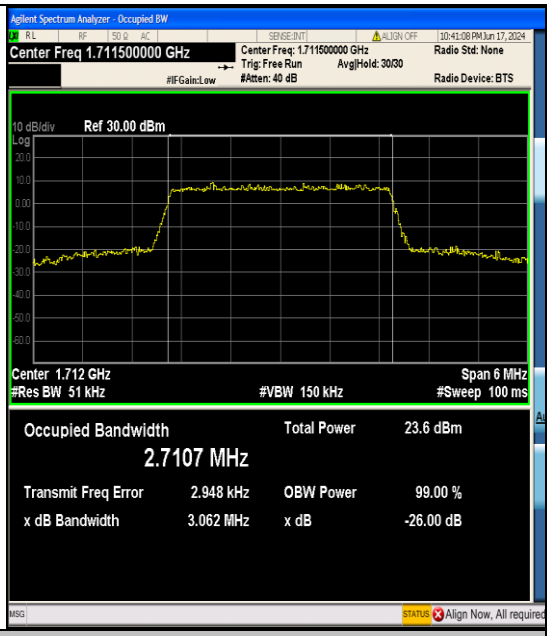


Band4-3MHz-QPSK-20385-15RB#0-PASS



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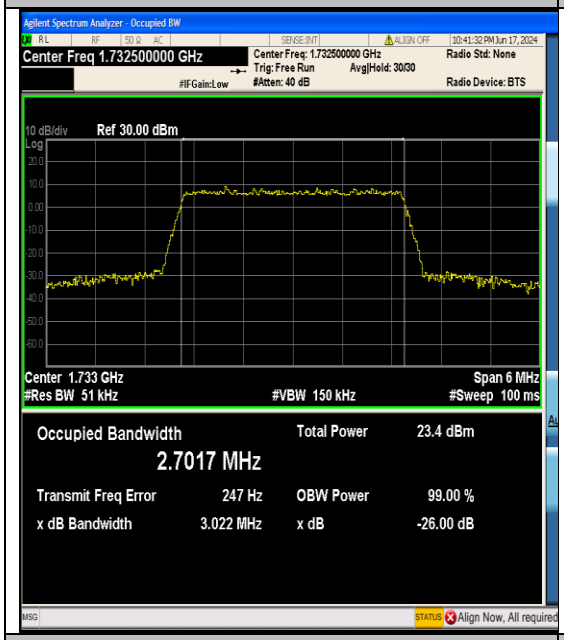

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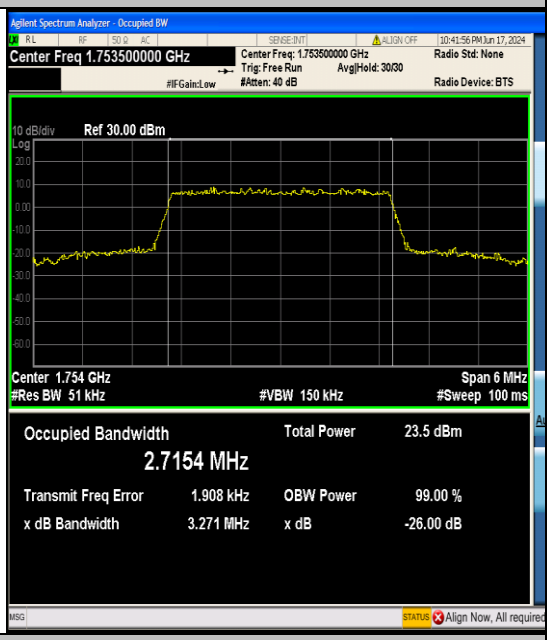

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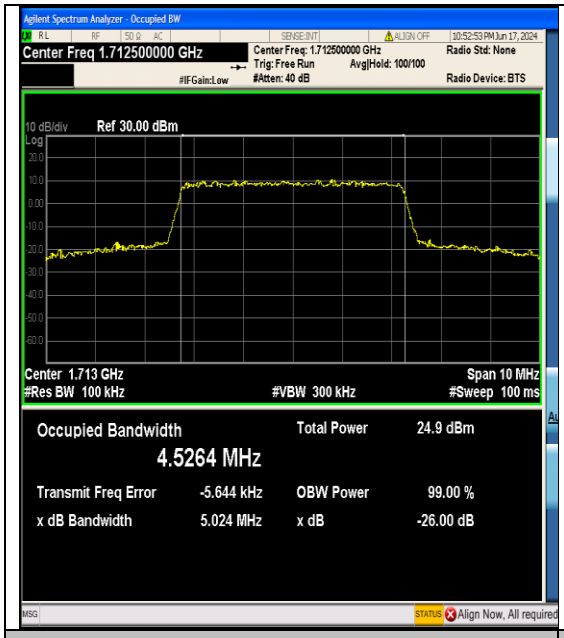
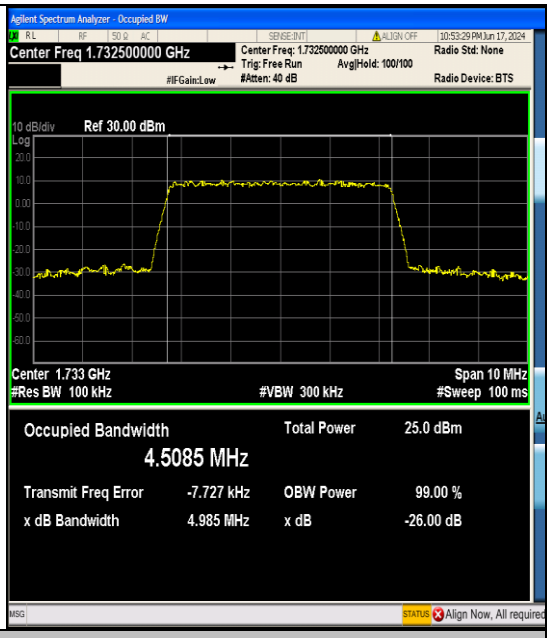


Band4-5MHz-QPSK-19975-25RB#0-PASS



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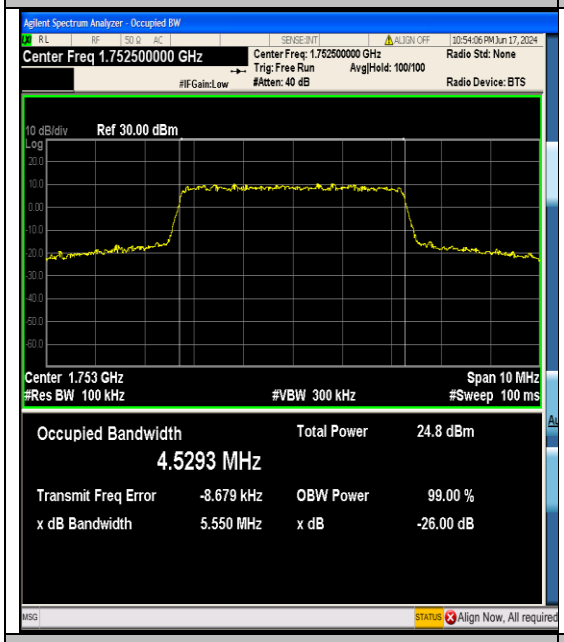
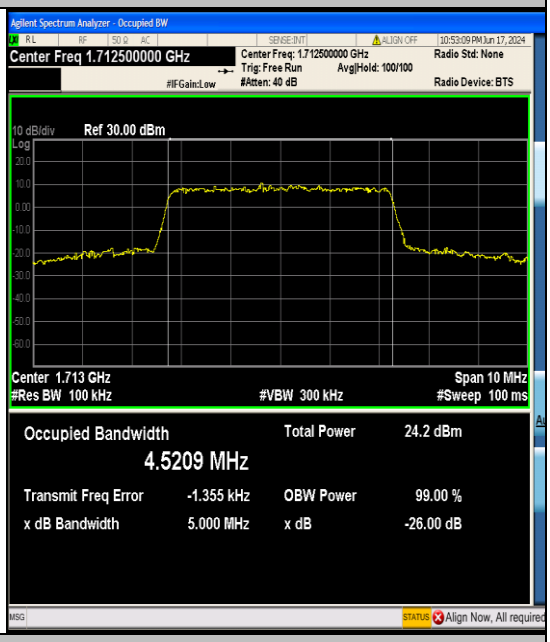


Band4-5MHz-QPSK-20375-25RB#0-PASS



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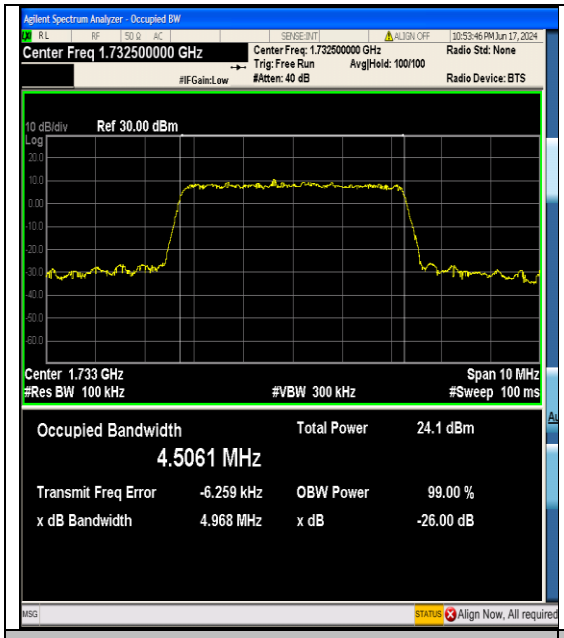

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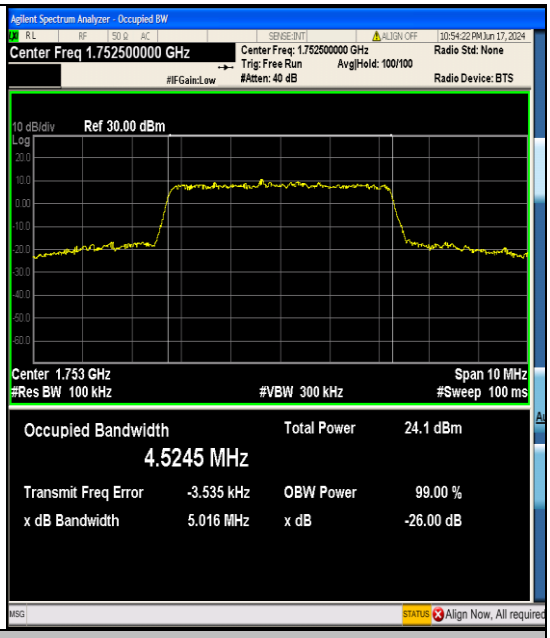

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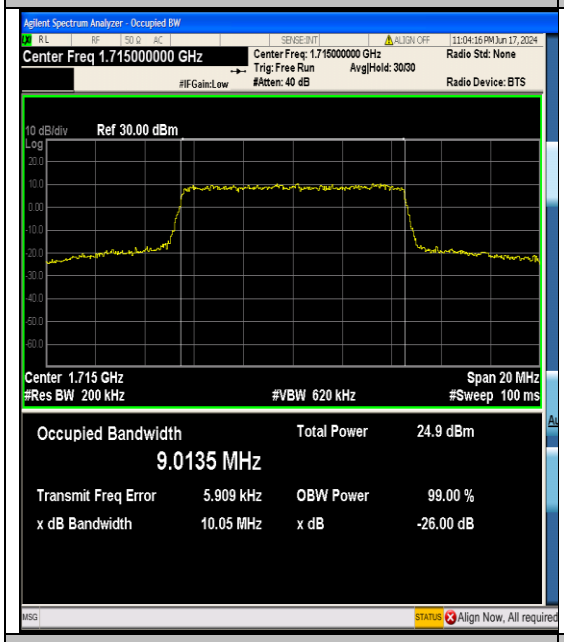
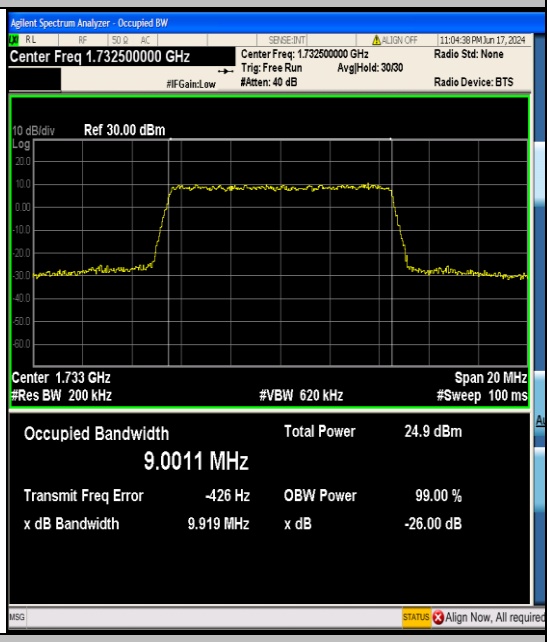


Band4-10MHz-QPSK-20000-50RB#0-PASS



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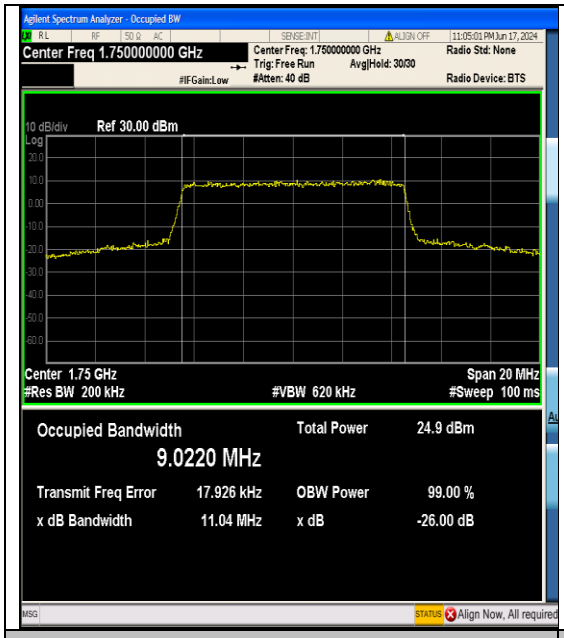
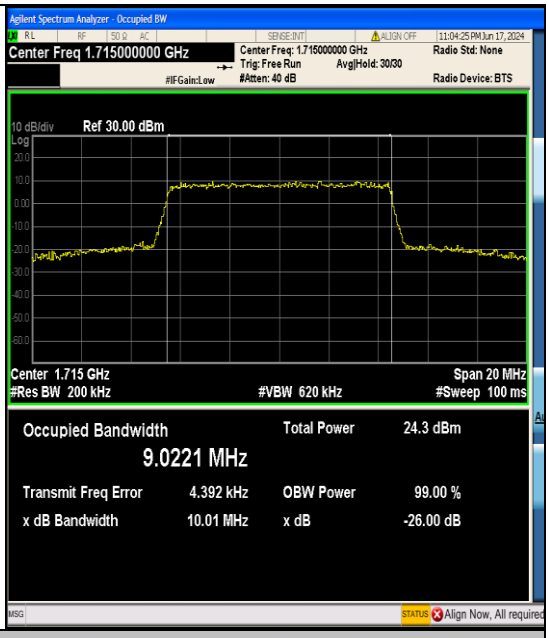
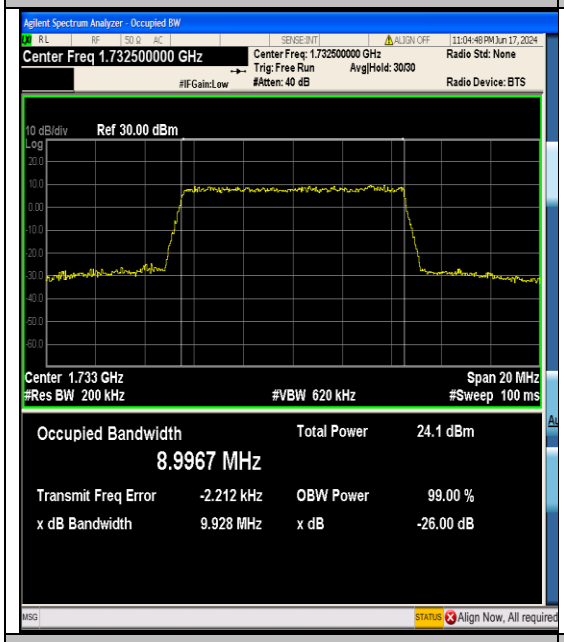


Band4-10MHz-QPSK-20350-50RB#0-PASS



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



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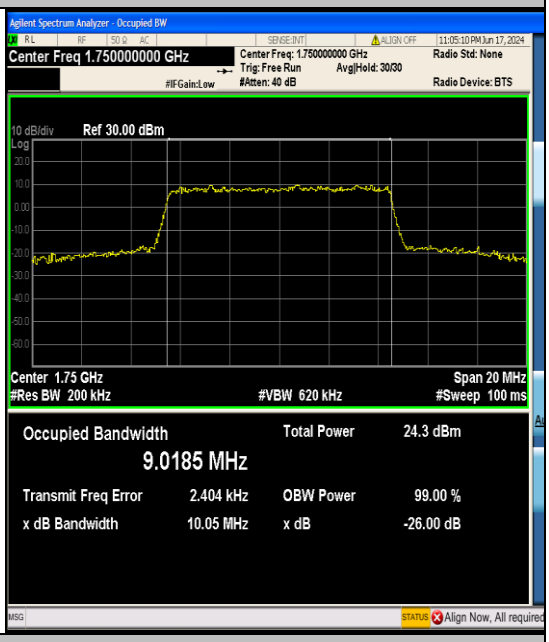
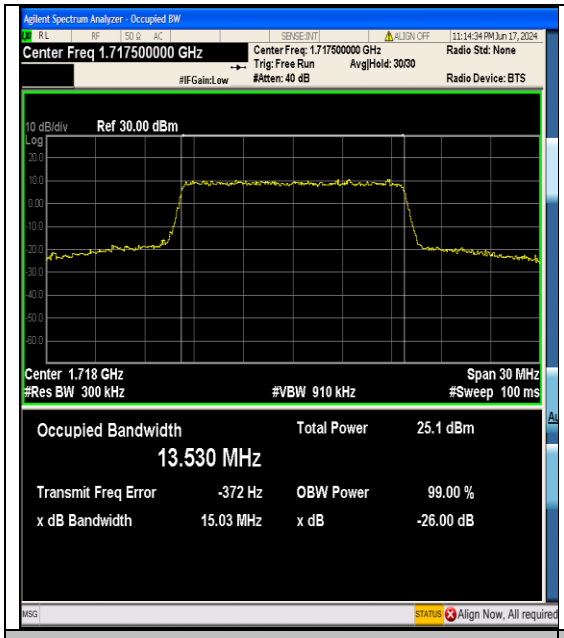
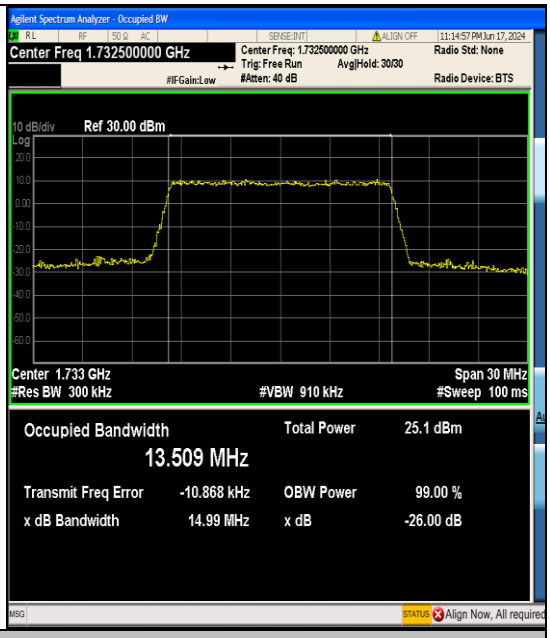


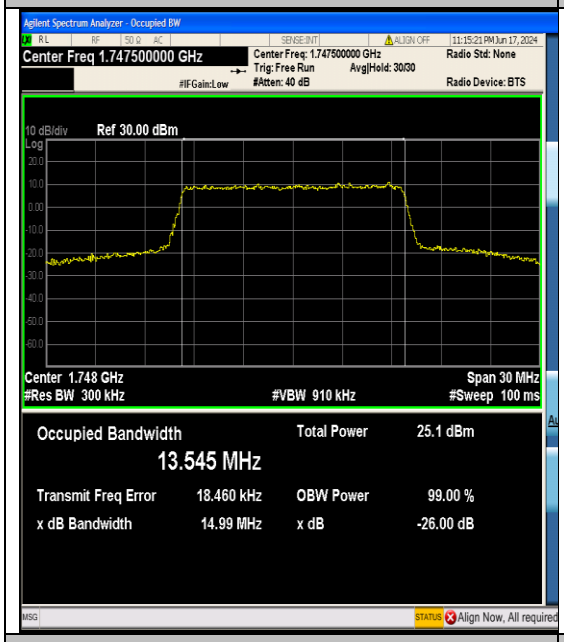
Band4-10MHz-16QAM-20350-50RB#0-PASS



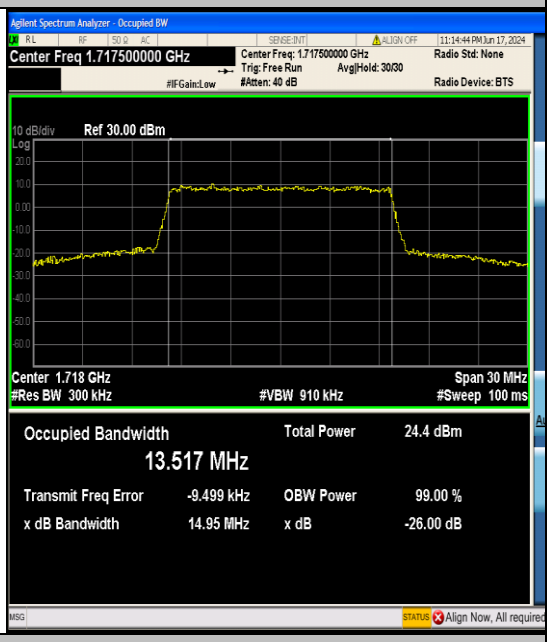
Band4-15MHz-QPSK-20025-75RB#0-PASS



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



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



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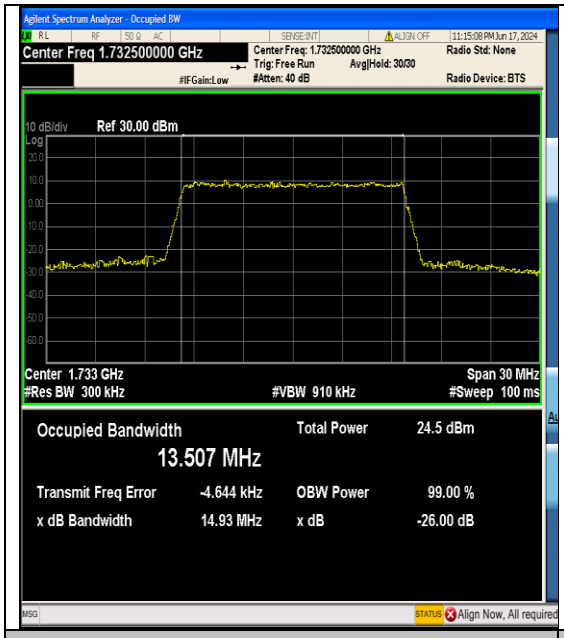

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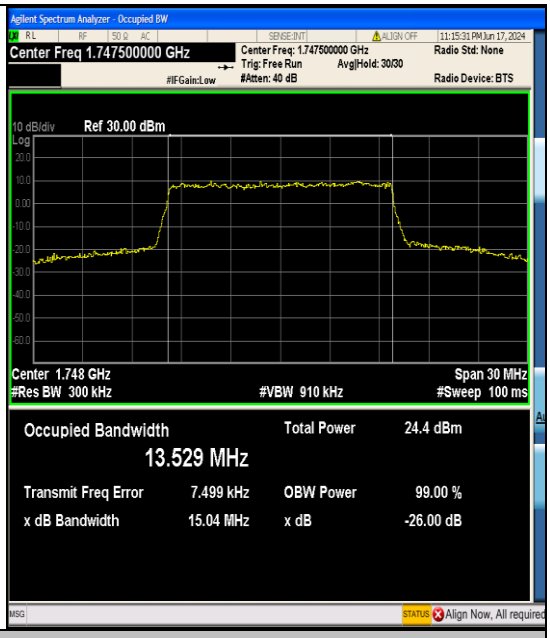

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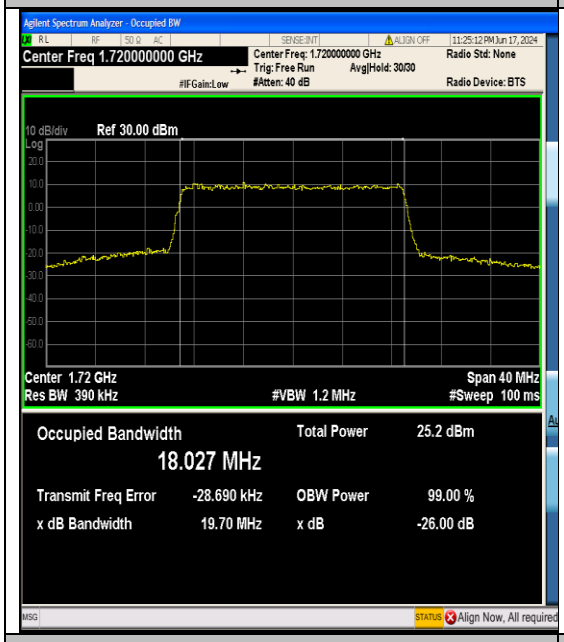
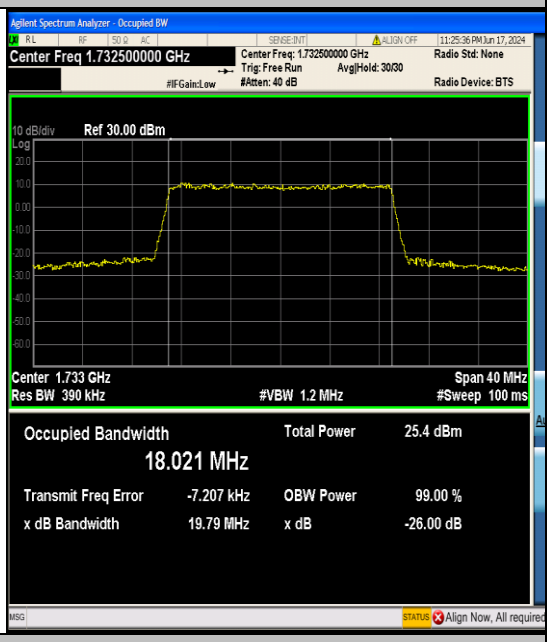
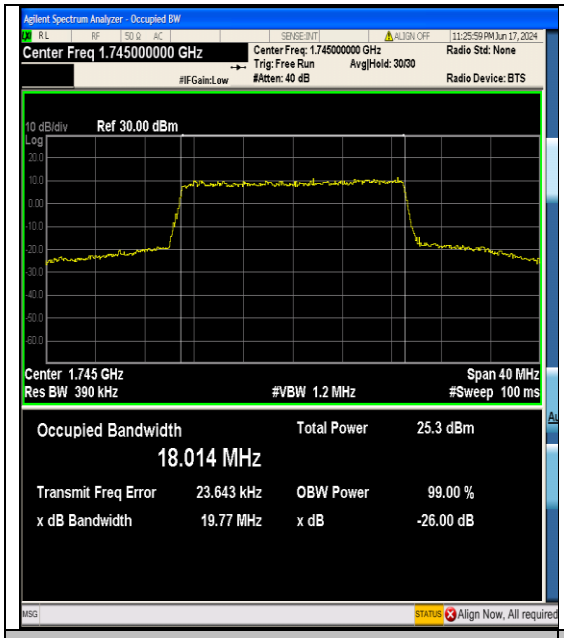


Band4-20MHz-QPSK-20050-100RB#0-PASS



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



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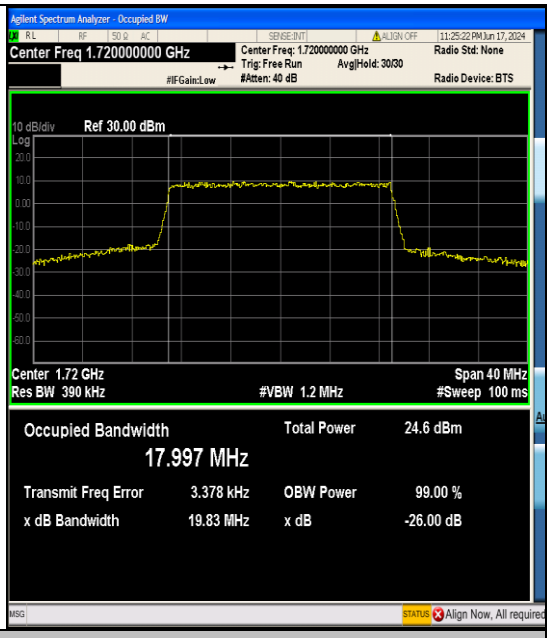

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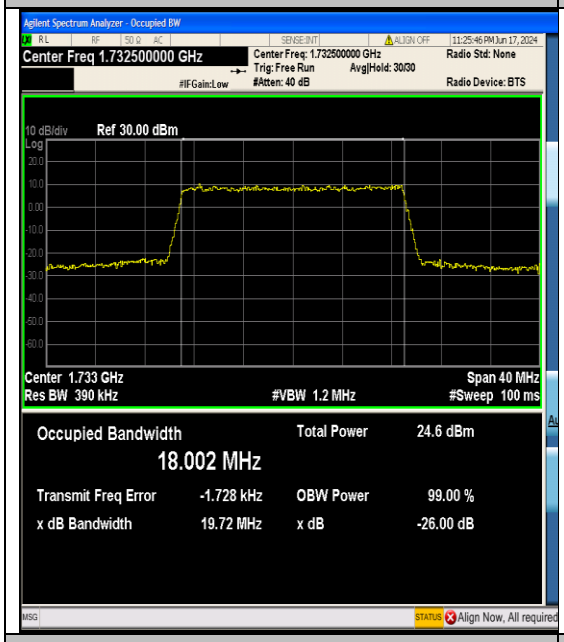
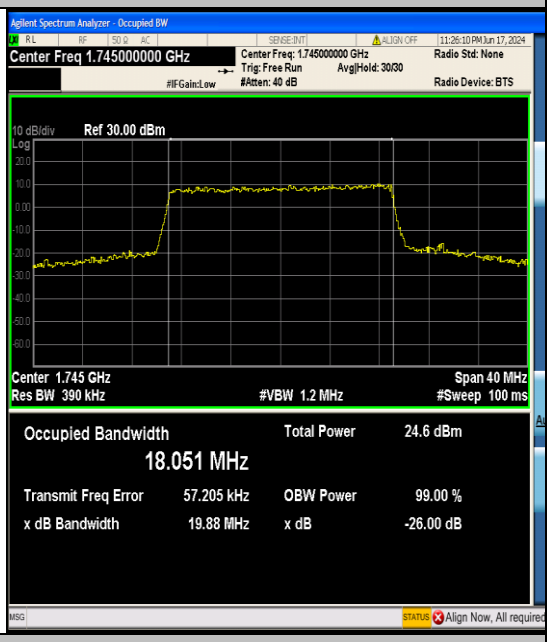


Band4-20MHz-16QAM-20175-100RB#0-PASS



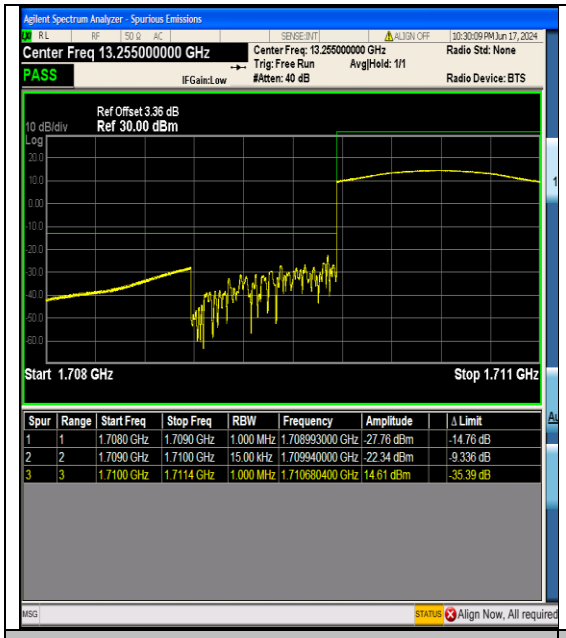
Band4-20MHz-16QAM-20300-100RB#0-PASS

Appendix D: Band Edge

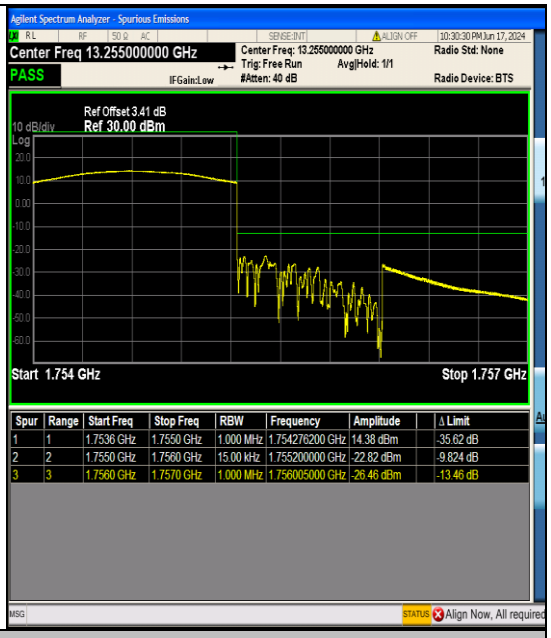
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-22.34	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-22.82	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-24.68	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-25.51	PASS
Band4	3MHz	QPSK	19965	15RB#0	-22.63	PASS
Band4	3MHz	QPSK	20385	15RB#0	-21.03	PASS
Band4	3MHz	16QAM	19965	15RB#0	-25.75	PASS
Band4	3MHz	16QAM	20385	15RB#0	-23.80	PASS
Band4	5MHz	QPSK	19975	25RB#0	-22.49	PASS
Band4	5MHz	QPSK	20375	25RB#0	-21.21	PASS
Band4	5MHz	16QAM	19975	25RB#0	-25.83	PASS
Band4	5MHz	16QAM	20375	25RB#0	-23.89	PASS
Band4	10MHz	QPSK	20000	50RB#0	-24.66	PASS
Band4	10MHz	QPSK	20350	50RB#0	-22.79	PASS
Band4	10MHz	16QAM	20000	50RB#0	-27.87	PASS
Band4	10MHz	16QAM	20350	50RB#0	-26.44	PASS
Band4	15MHz	QPSK	20025	75RB#0	-25.09	PASS
Band4	15MHz	QPSK	20325	75RB#0	-23.66	PASS
Band4	15MHz	16QAM	20025	75RB#0	-27.82	PASS
Band4	15MHz	16QAM	20325	75RB#0	-26.58	PASS
Band4	20MHz	QPSK	20050	100RB#0	-28.81	PASS
Band4	20MHz	QPSK	20300	100RB#0	-26.86	PASS
Band4	20MHz	16QAM	20050	100RB#0	-31.85	PASS
Band4	20MHz	16QAM	20300	100RB#0	-29.28	PASS

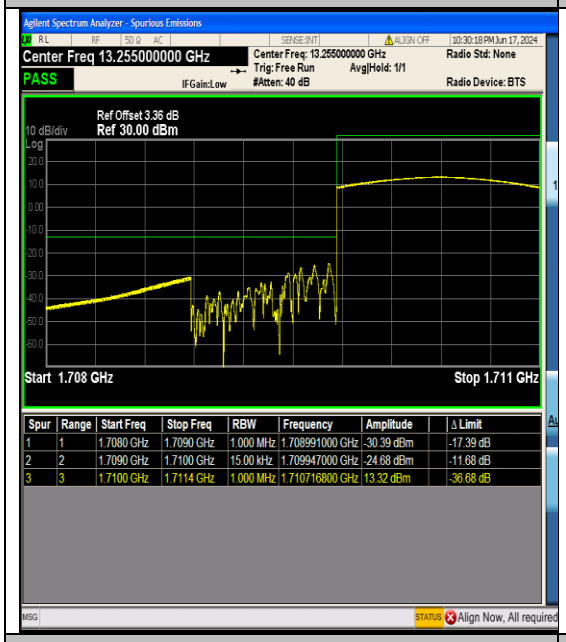
Test Graphs



Band4_1.4MHz_QPSK_19957_6RB#0



Band4_1.4MHz_QPSK_20393_6RB#0



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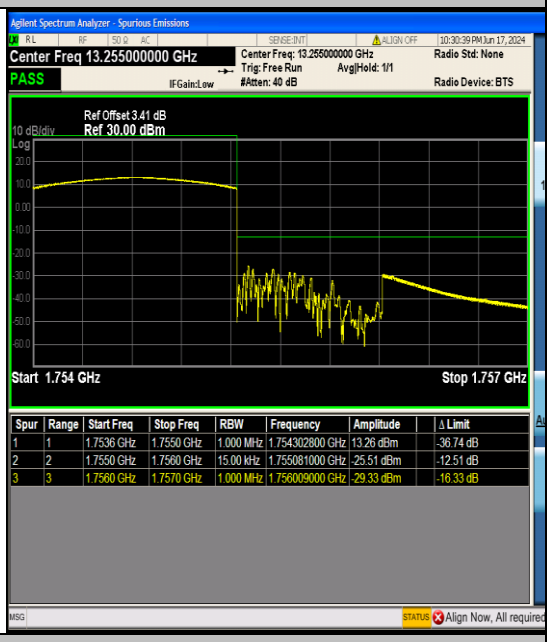

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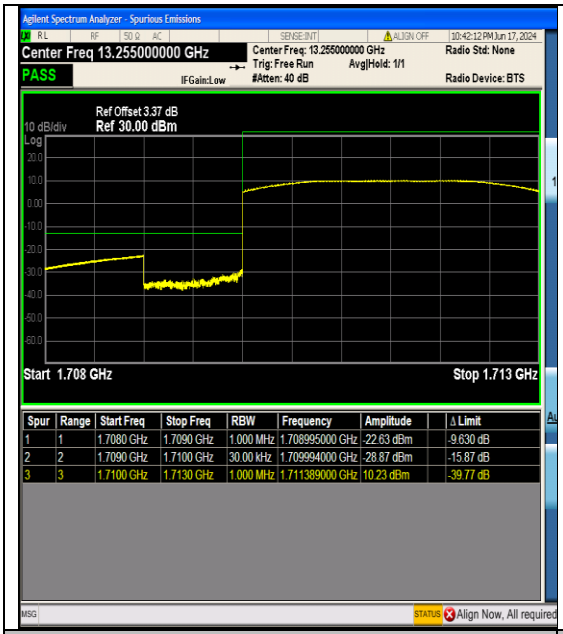
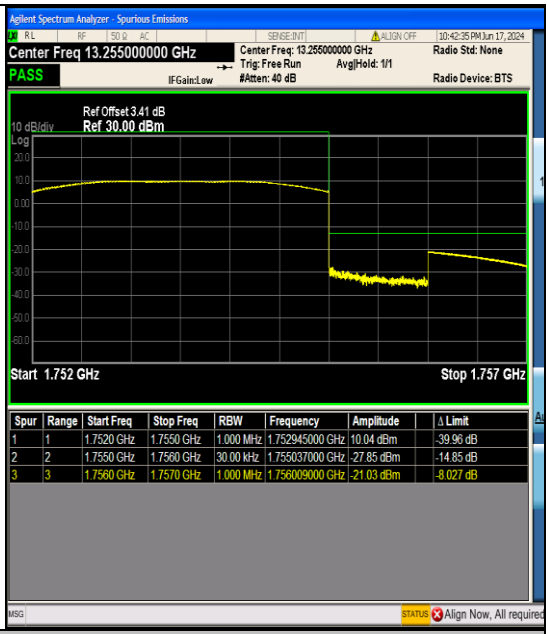
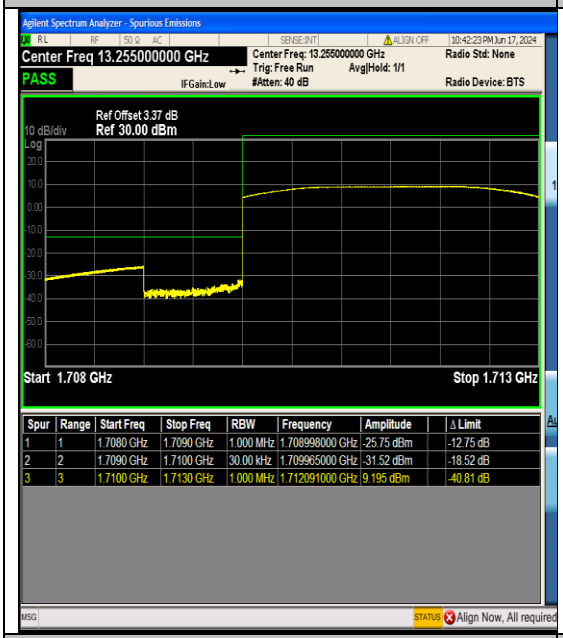


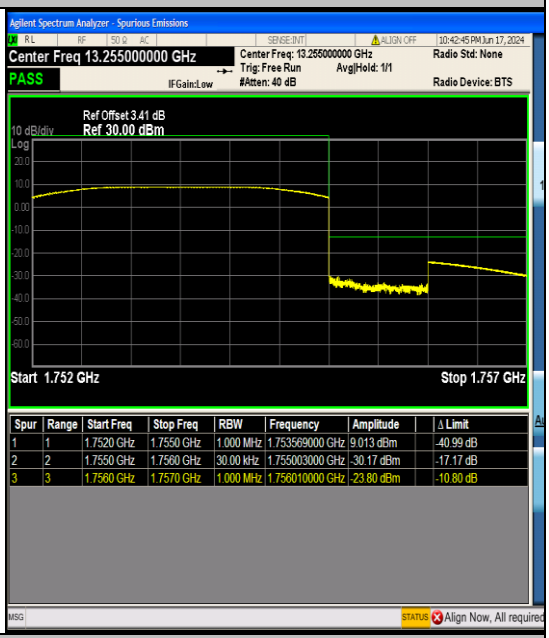
Band4_3MHz_QPSK_19965_15RB#0



Band4_3MHz_QPSK_20385_15RB#0



Band4_3MHz_16QAM_19965_15RB#0



Band4_3MHz_16QAM_20385_15RB#0