FCC LTE Band Test Data

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

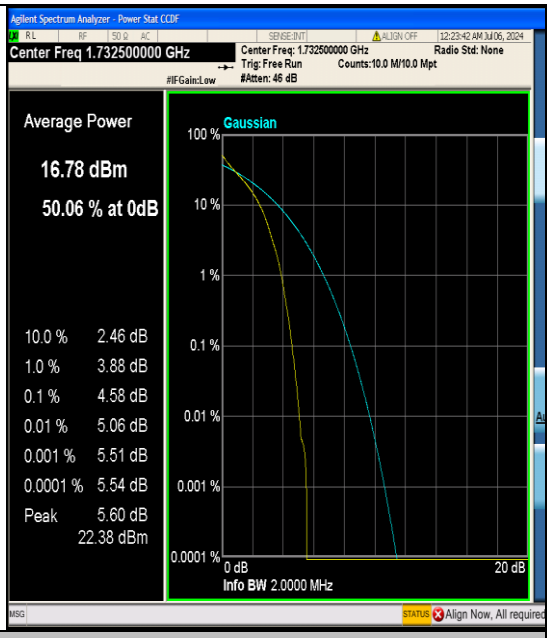
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

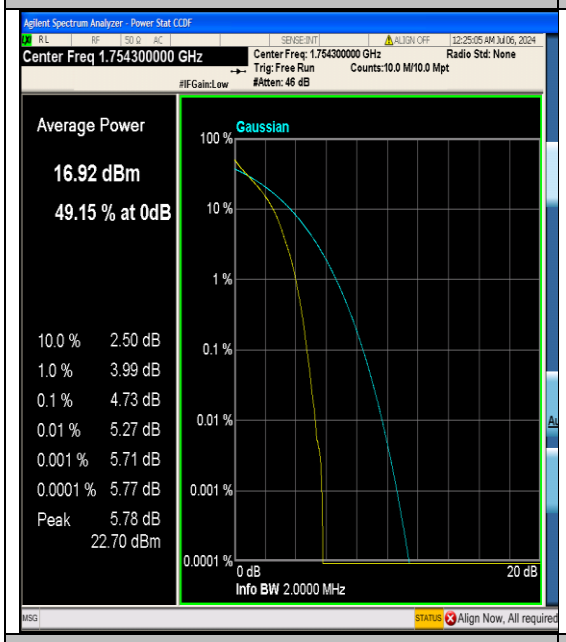
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	5.48	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.58	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.73	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.22	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.36	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.51	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.58	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.99	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.03	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.31	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.75	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.76	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.61	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.00	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.00	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.28	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.67	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.72	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.66	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.03	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.95	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	6.37	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.74	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.67	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.95	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.38	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.21	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.42	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.89	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.73	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.56	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.08	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.93	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.29	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.82	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.64	13	PASS

Test Graphs

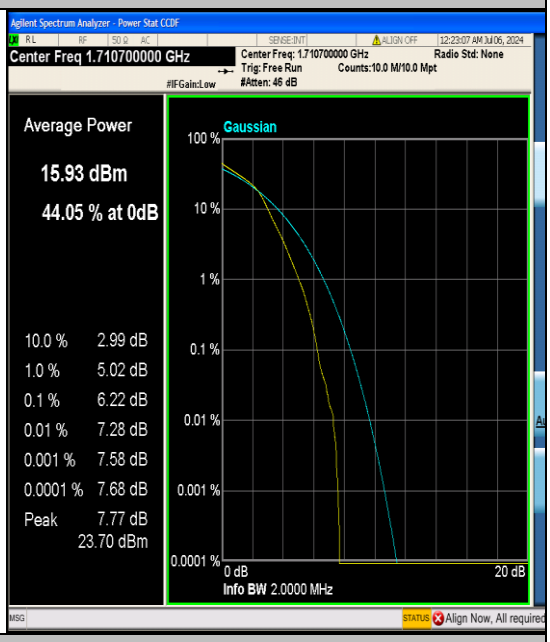
Band4-1.4MHz-QPSK-19957-6RB#0-PASS



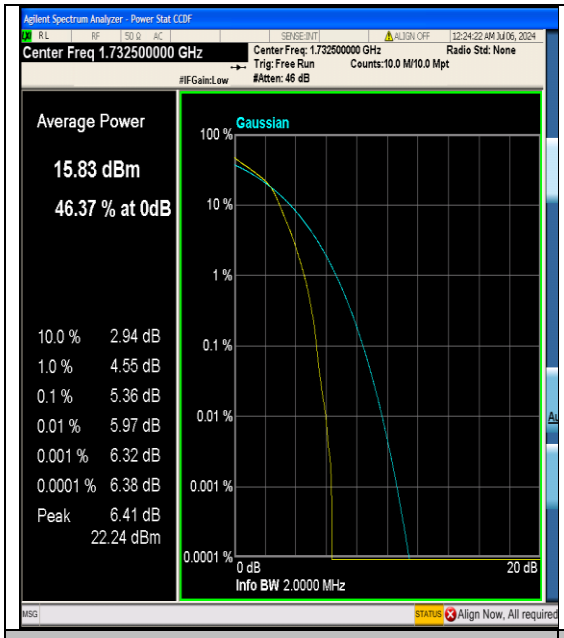
Band4-1.4MHz-QPSK-20175-6RB#0-PASS



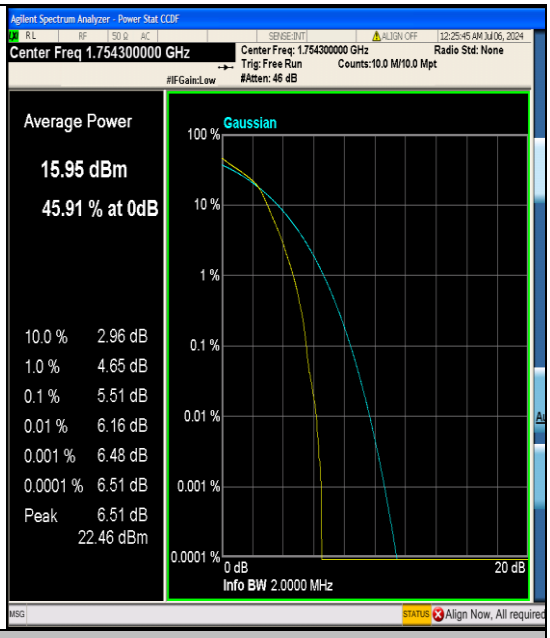
Band4-1.4MHz-QPSK-20393-6RB#0-PASS



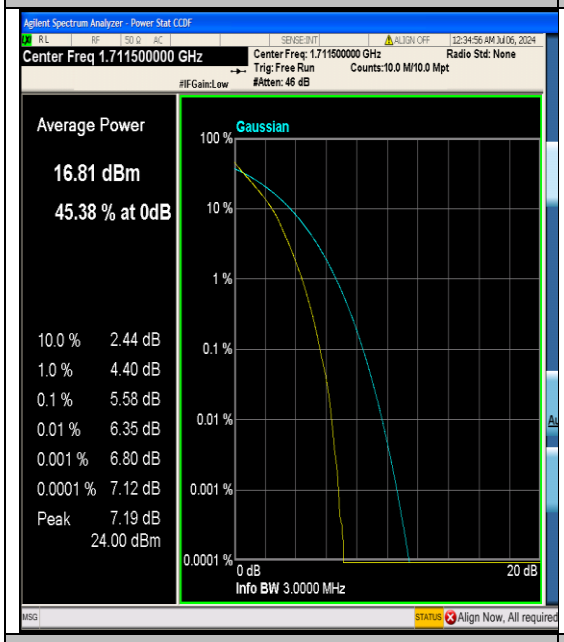
Band4-1.4MHz-16QAM-19957-6RB#0-PASS



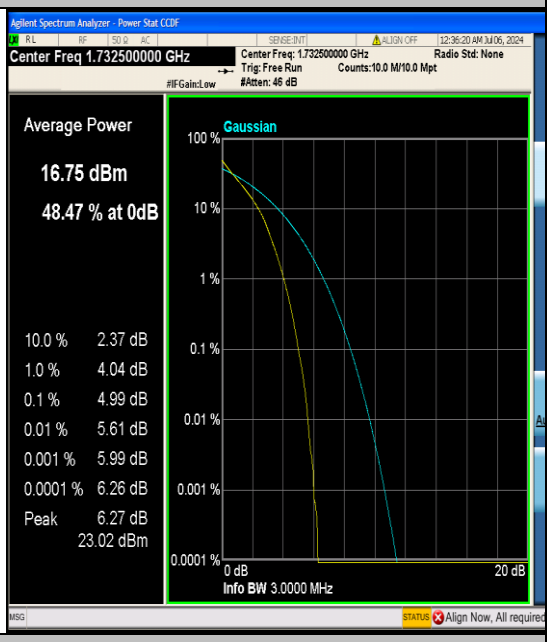
Band4-1.4MHz-16QAM-20175-6RB#0-PASS



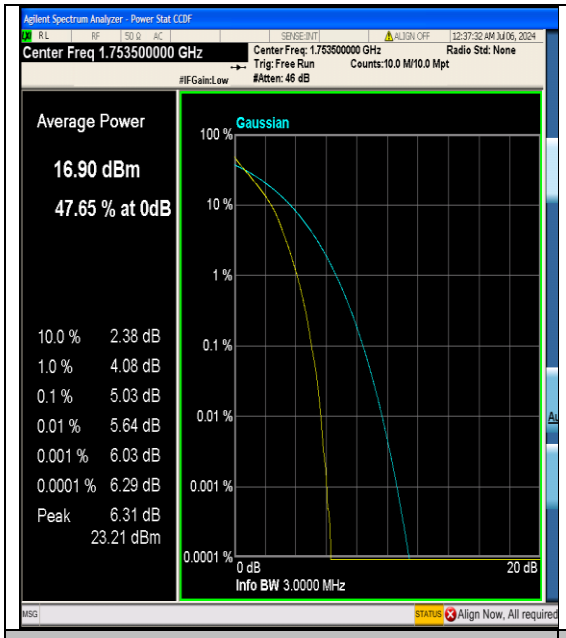
Band4-1.4MHz-16QAM-20393-6RB#0-PASS



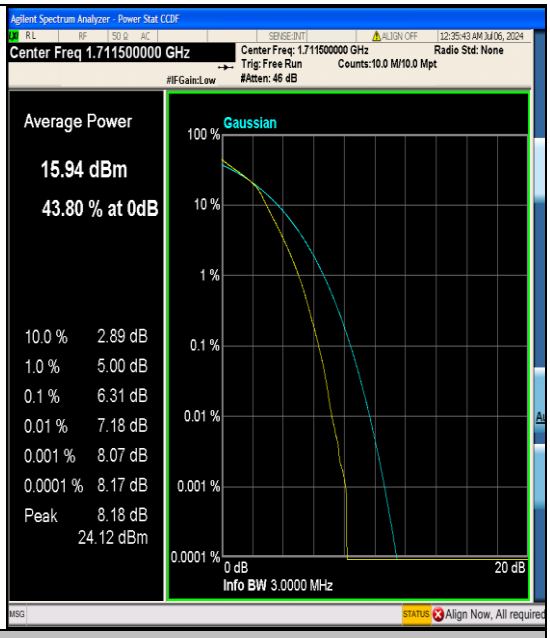
Band4-3MHz-QPSK-19965-15RB#0-PASS



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



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



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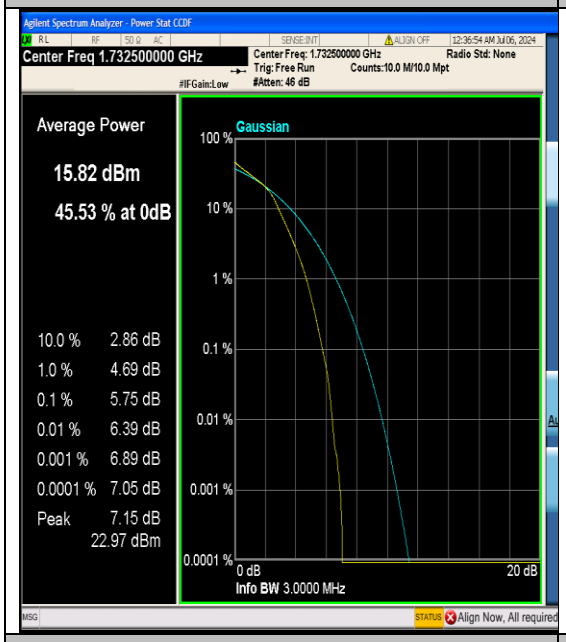

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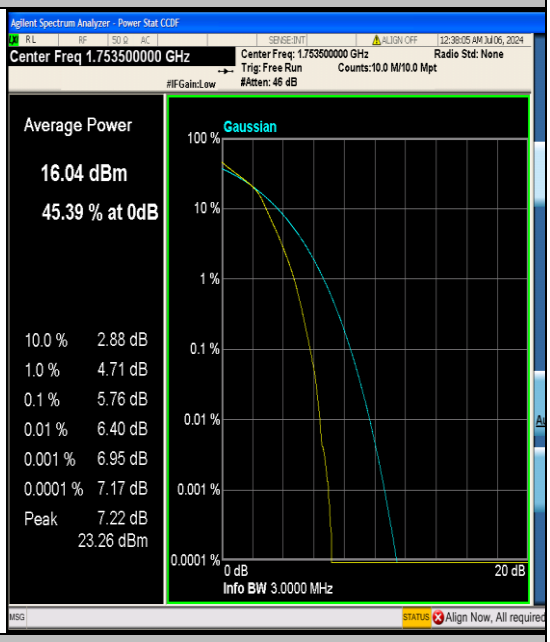

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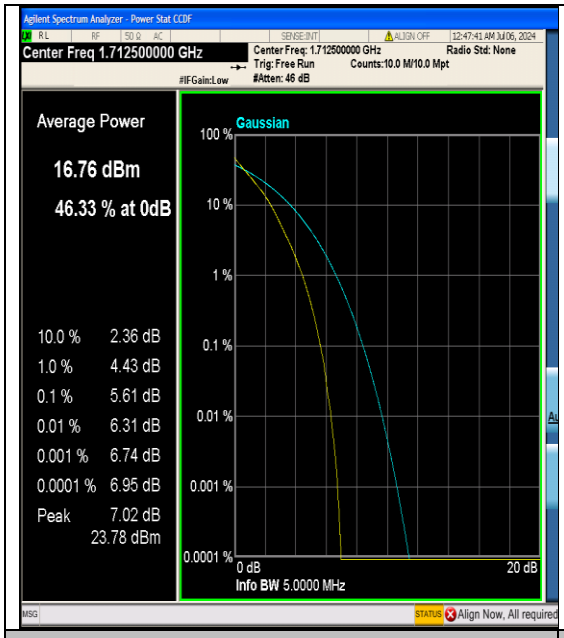
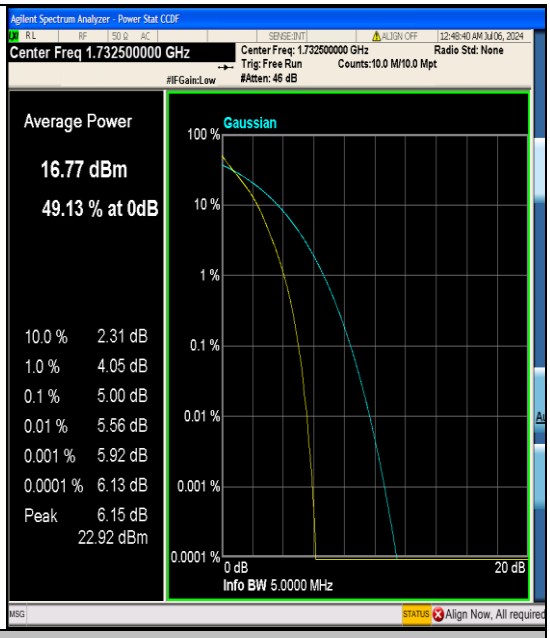


Band4-5MHz-QPSK-19975-25RB#0-PASS



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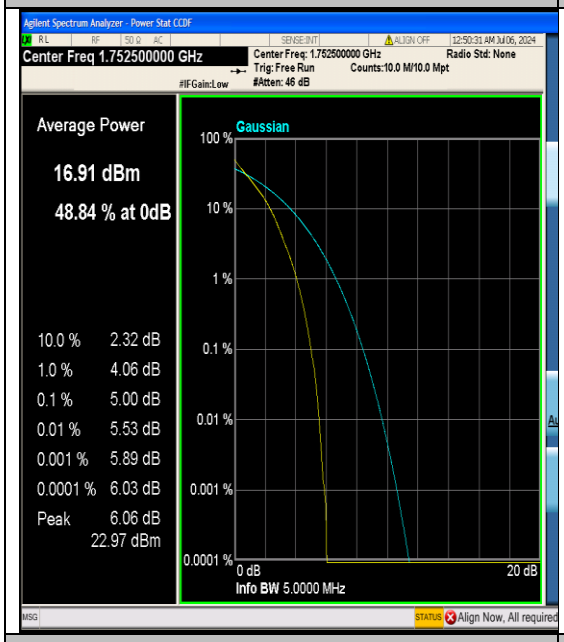
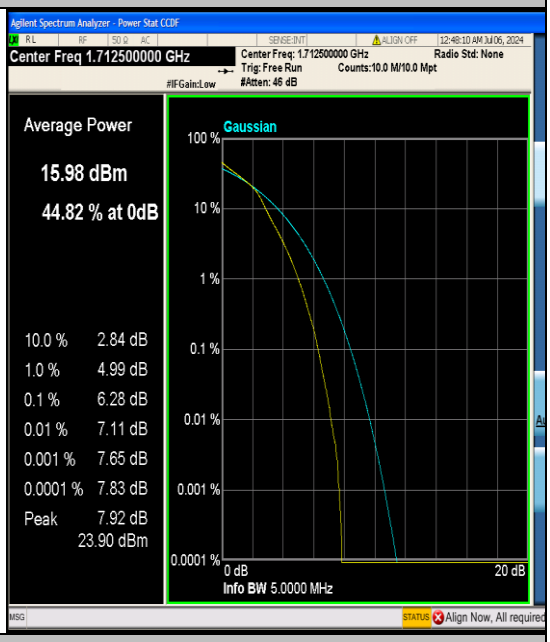
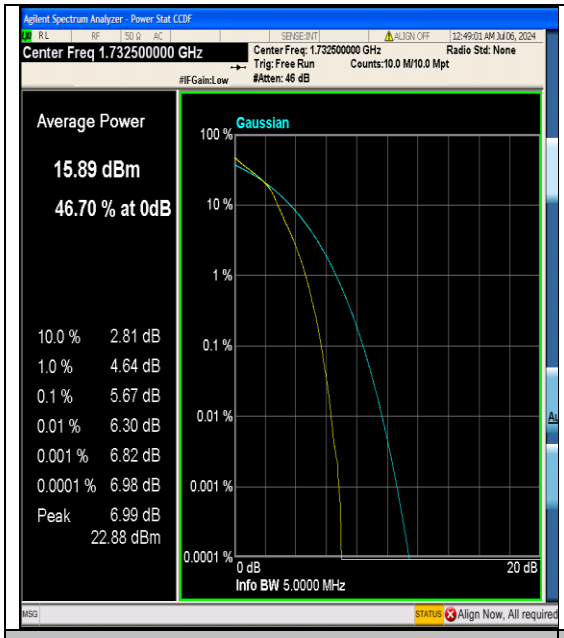


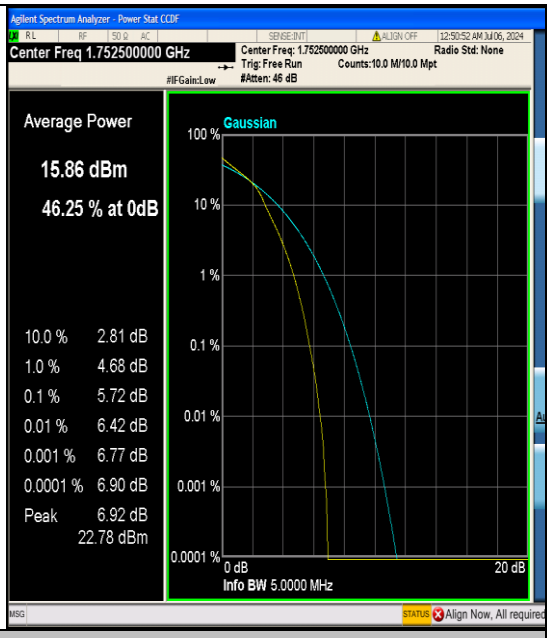
Band4-5MHz-QPSK-20375-25RB#0-PASS



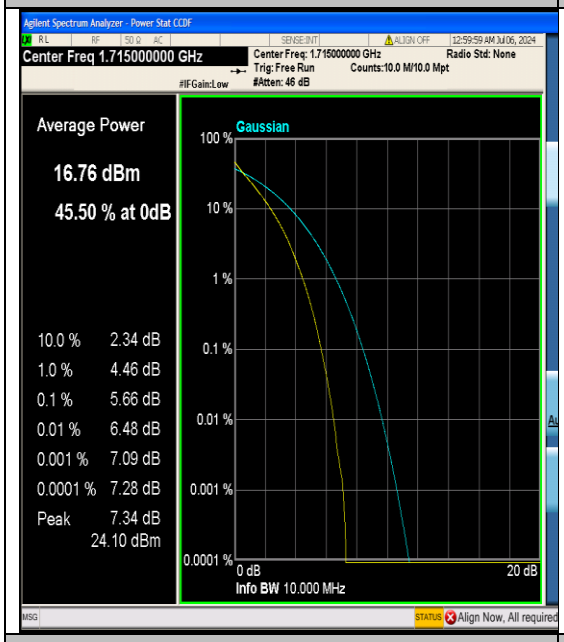
Band4-5MHz-16QAM-19975-25RB#0-PASS



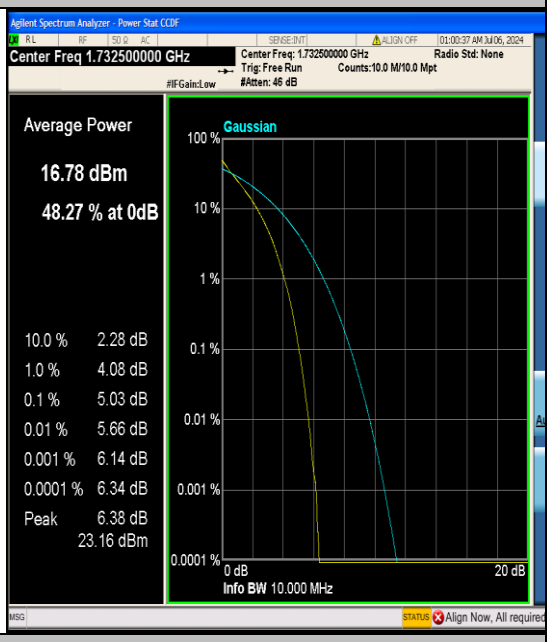
Band4-5MHz-16QAM-20175-25RB#0-PASS



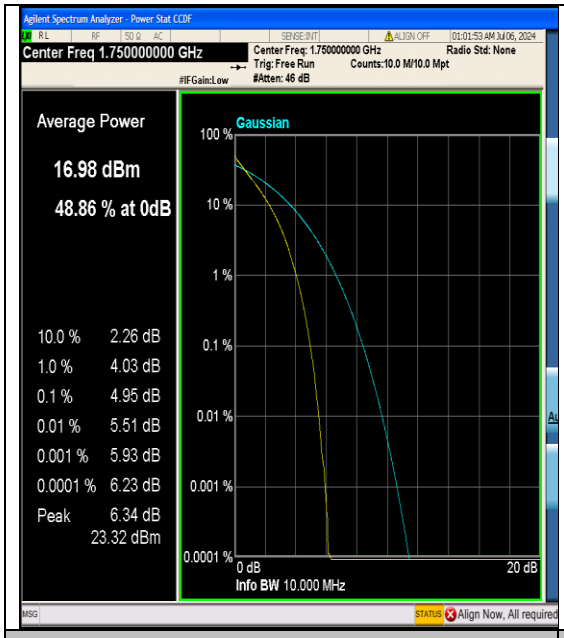
Band4-5MHz-16QAM-20375-25RB#0-PASS



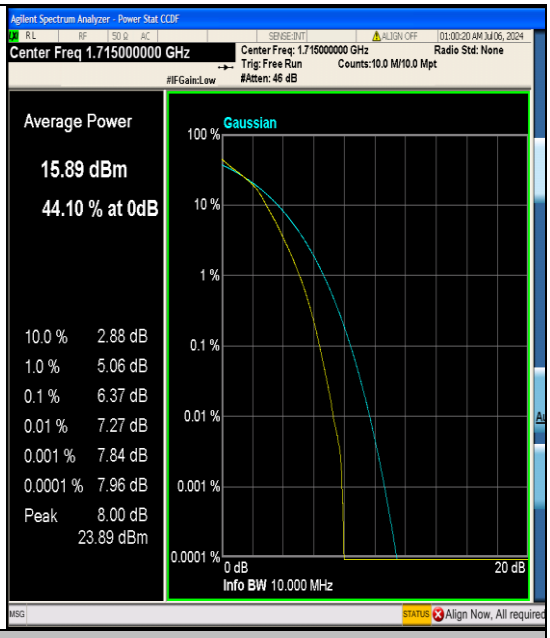
Band4-10MHz-QPSK-20000-50RB#0-PASS



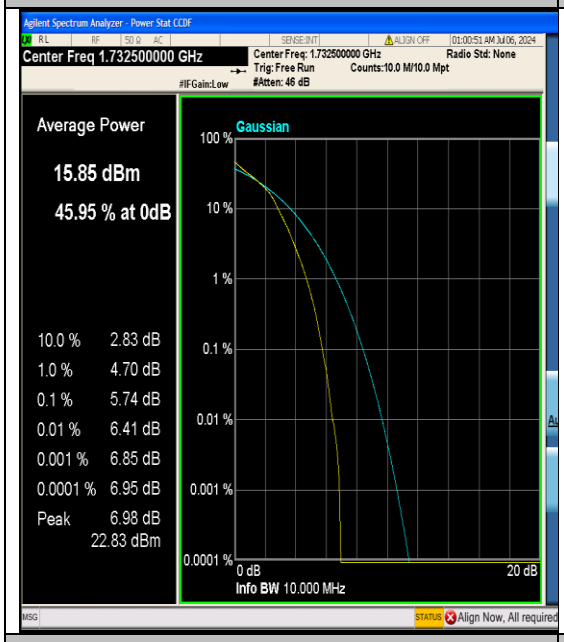
Band4-10MHz-QPSK-20175-50RB#0-PASS



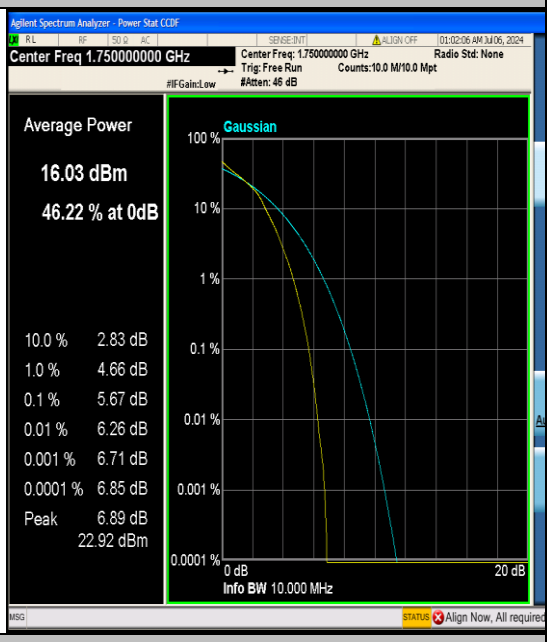
Band4-10MHz-QPSK-20350-50RB#0-PASS



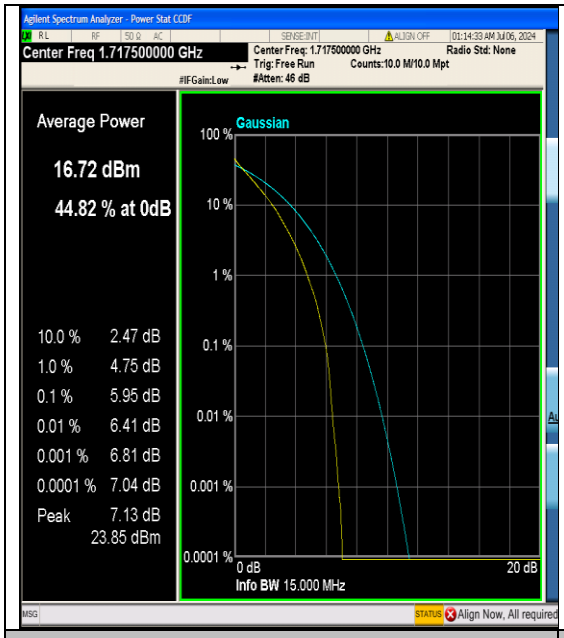
Band4-10MHz-16QAM-20000-50RB#0-PASS



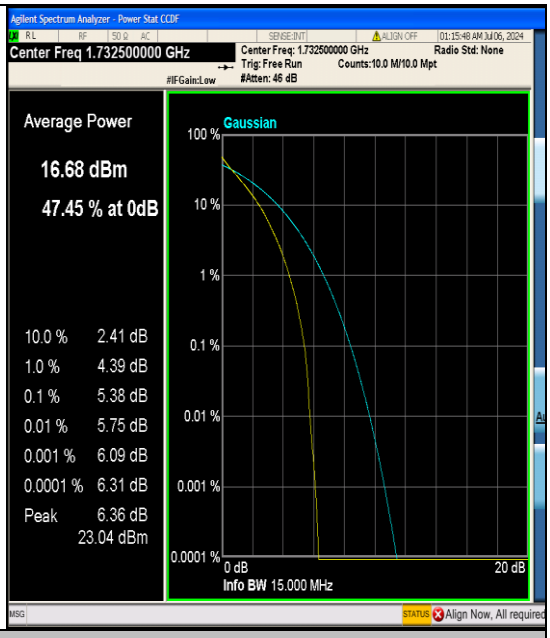
Band4-10MHz-16QAM-20175-50RB#0-PASS



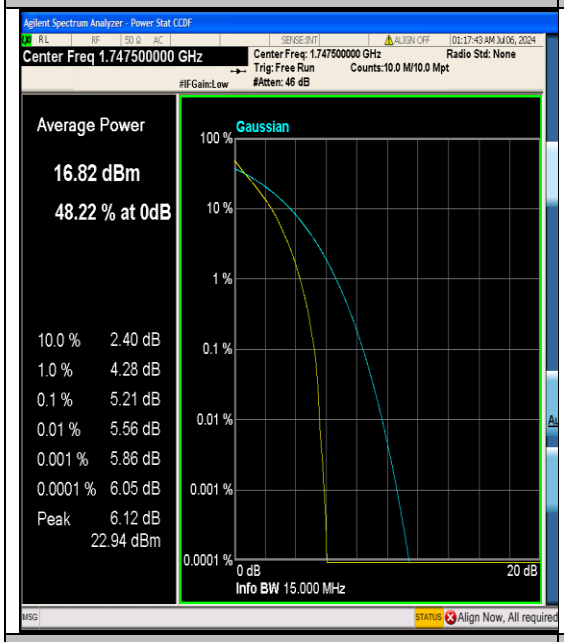
Band4-10MHz-16QAM-20350-50RB#0-PASS



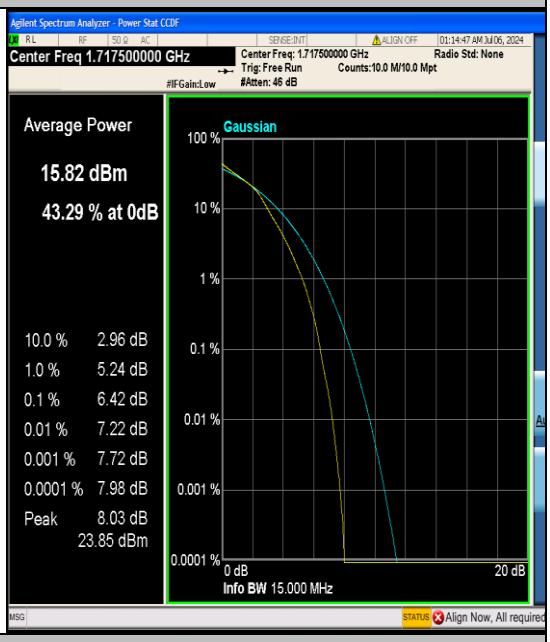
Band4-15MHz-QPSK-20025-75RB#0-PASS



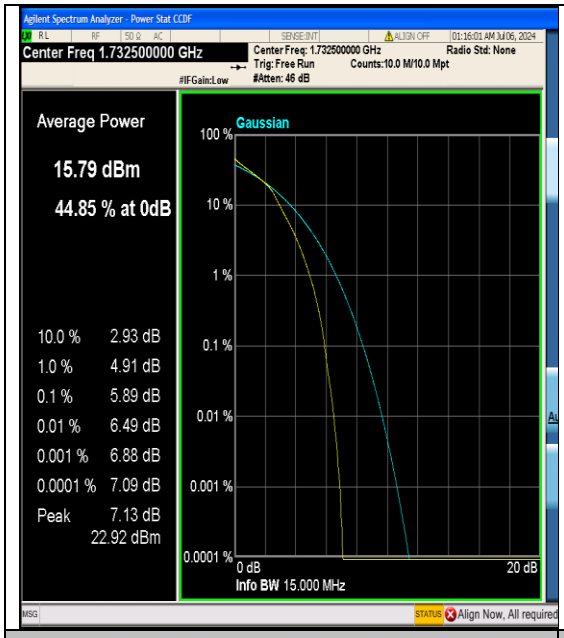
Band4-15MHz-QPSK-20175-75RB#0-PASS



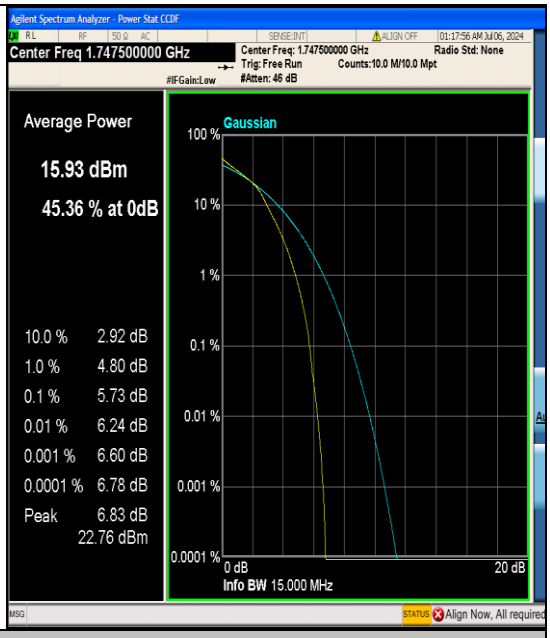
Band4-15MHz-QPSK-20325-75RB#0-PASS



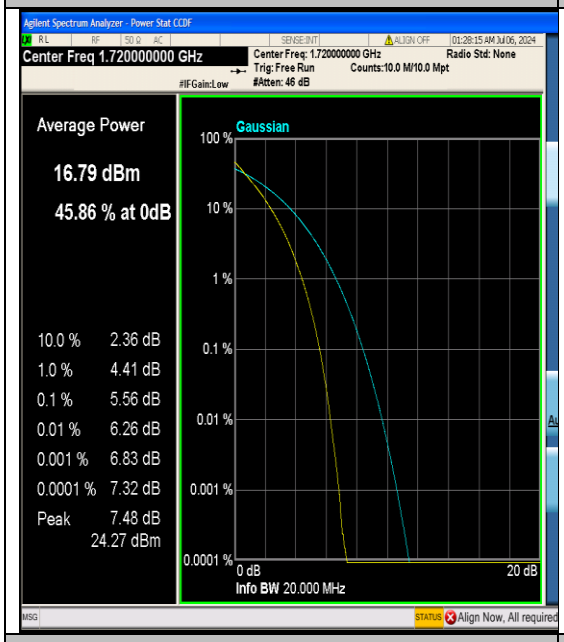
Band4-15MHz-16QAM-20025-75RB#0-PASS



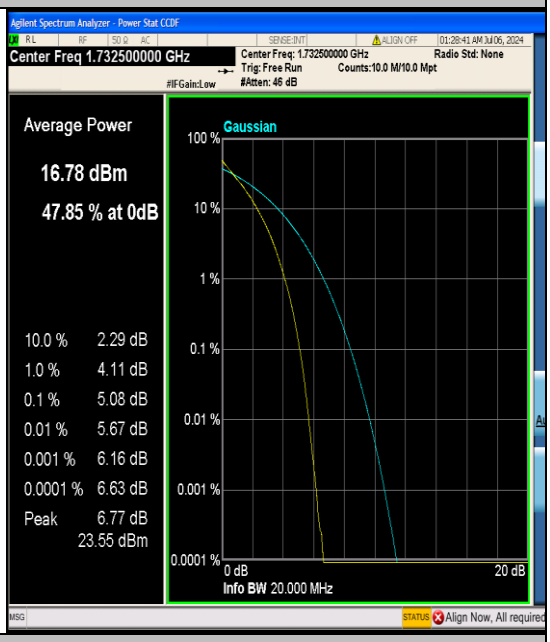
Band4-15MHz-16QAM-20175-75RB#0-PASS



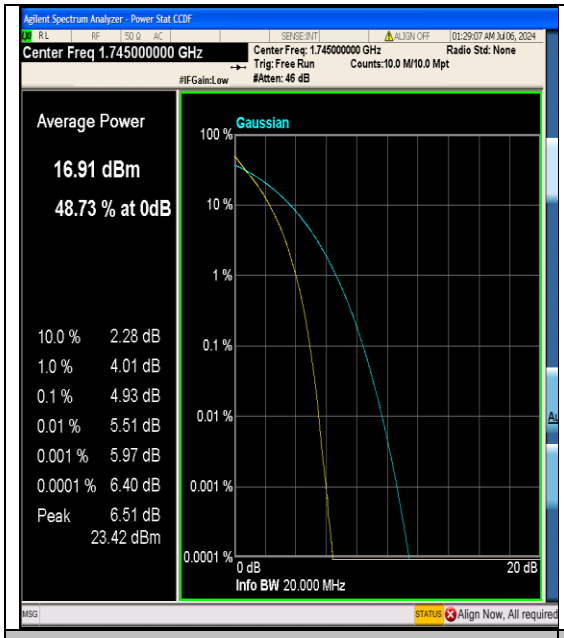
Band4-15MHz-16QAM-20325-75RB#0-PASS



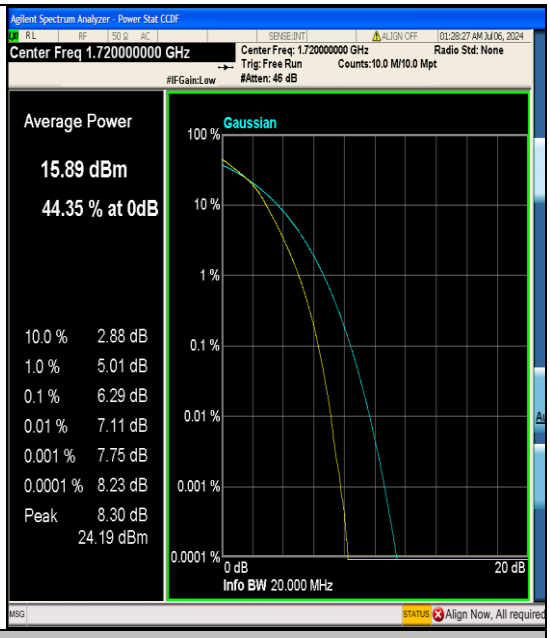
Band4-20MHz-QPSK-20050-100RB#0-PASS



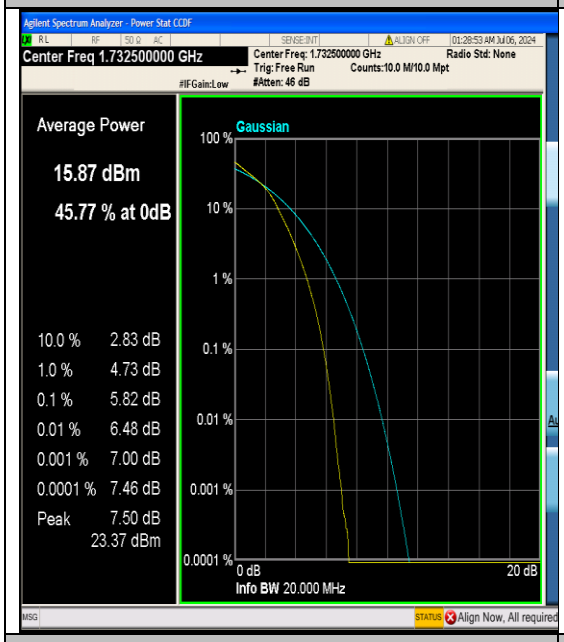
Band4-20MHz-QPSK-20175-100RB#0-PASS



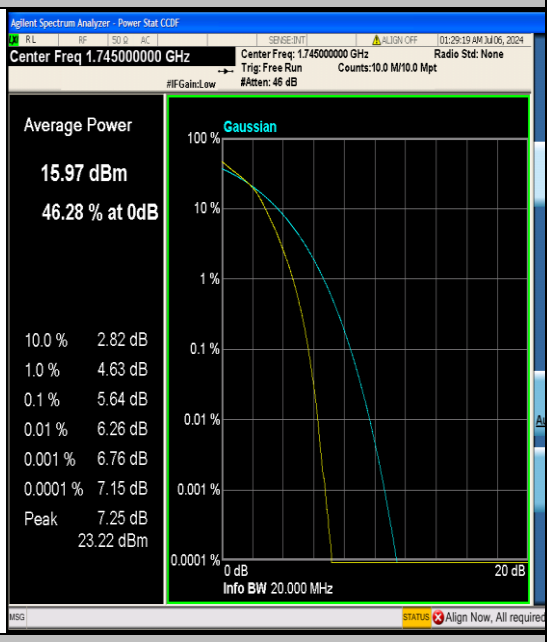
Band4-20MHz-QPSK-20300-100RB#0-PASS



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



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



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

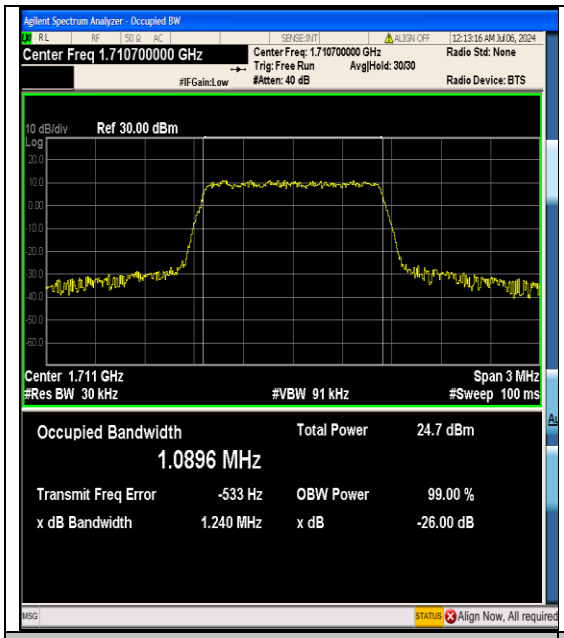
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

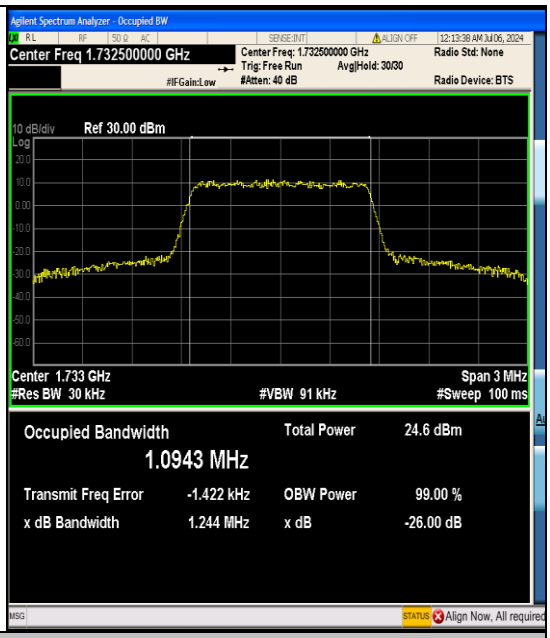
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0896	1.240	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0943	1.244	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0919	1.242	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1026	1.253	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1008	1.252	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1064	1.253	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7133	3.019	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7074	3.028	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7146	3.030	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7021	3.022	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7028	3.021	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7030	3.028	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5112	4.974	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5067	4.991	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5115	4.993	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.4988	4.958	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5088	4.977	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5133	4.998	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0018	9.910	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9984	9.947	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0109	10.03	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9852	9.910	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9824	9.896	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0162	9.930	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.519	14.97	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.504	14.96	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.538	14.98	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.498	14.94	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.486	14.96	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.530	14.99	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.015	19.79	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.000	19.66	PASS
Band4	20MHz	QPSK	20300	100RB#0	18.025	19.77	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.011	19.76	PASS

Band4	20MHz	16QAM	20175	100RB#0	18.027	19.72	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.042	19.72	PASS

Test Graphs



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



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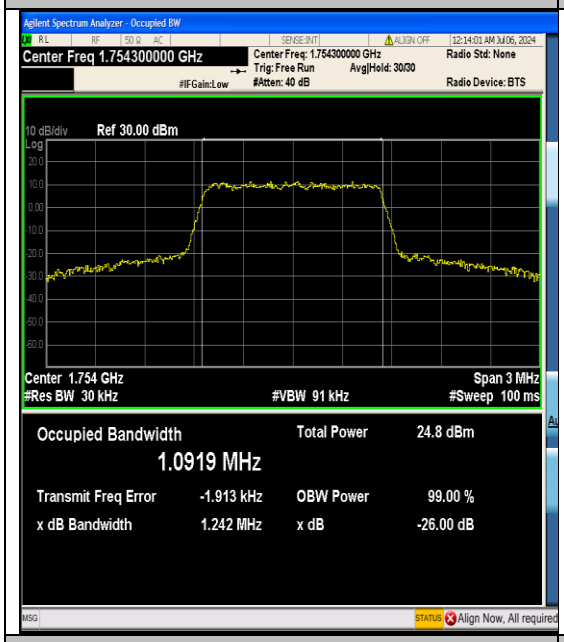

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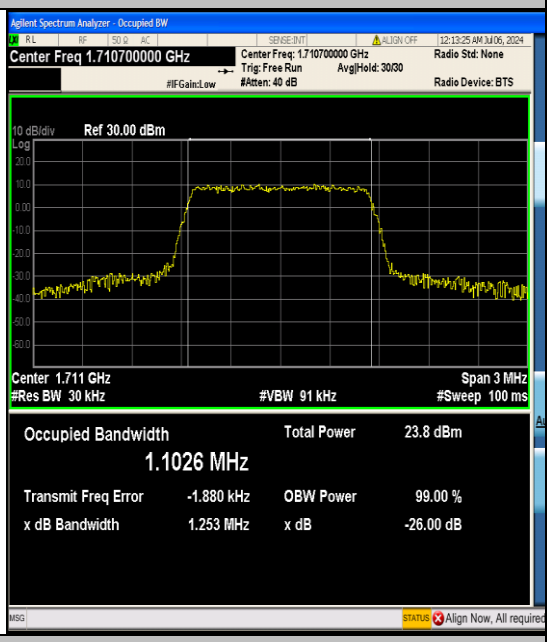

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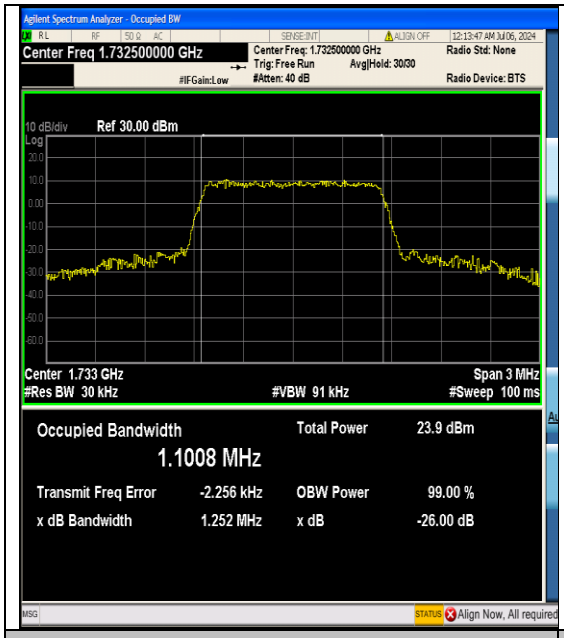

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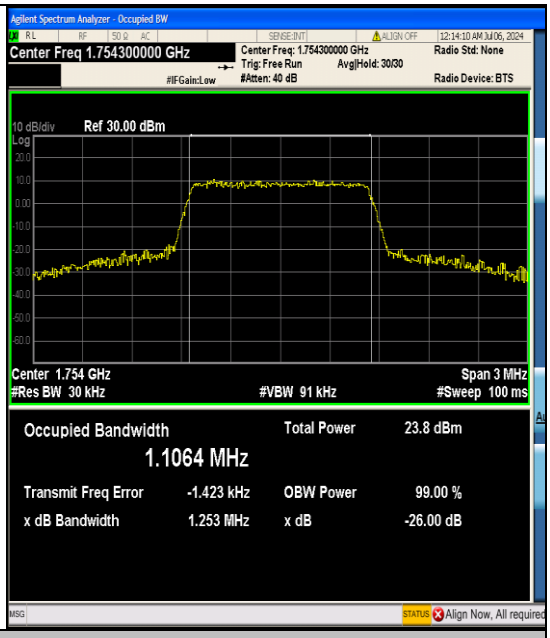

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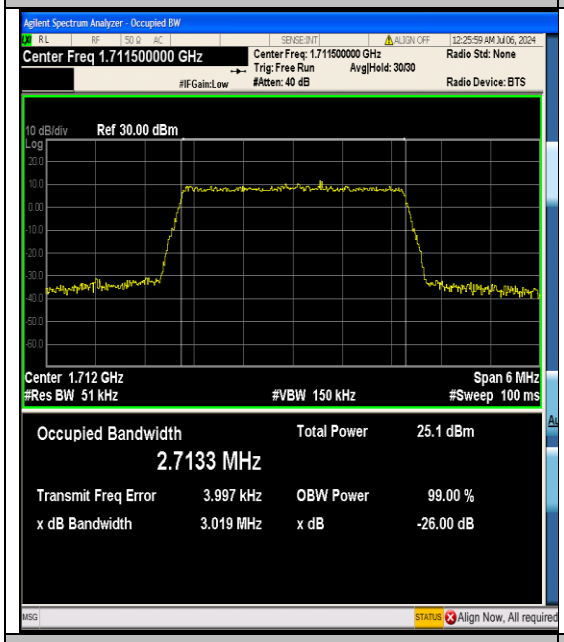
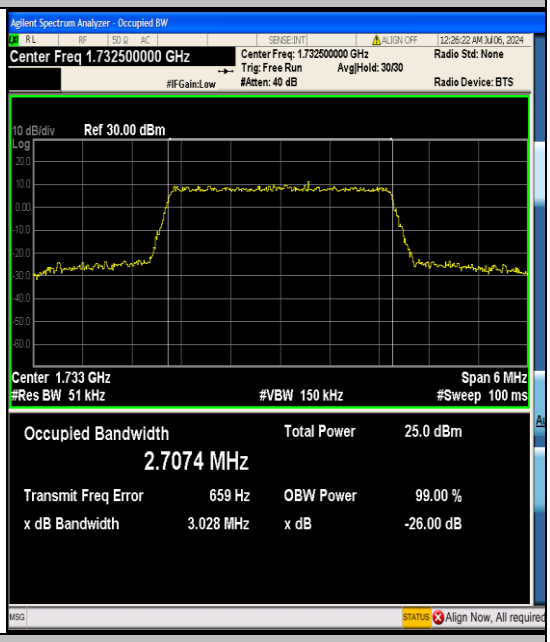


Band4-3MHz-QPSK-19965-15RB#0-PASS



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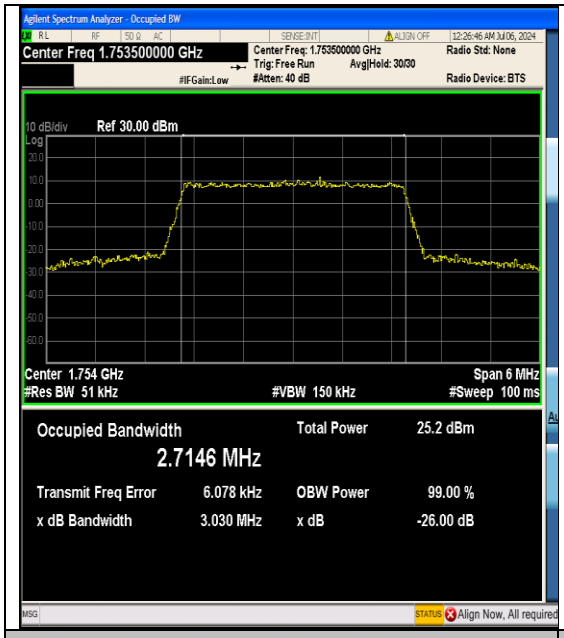

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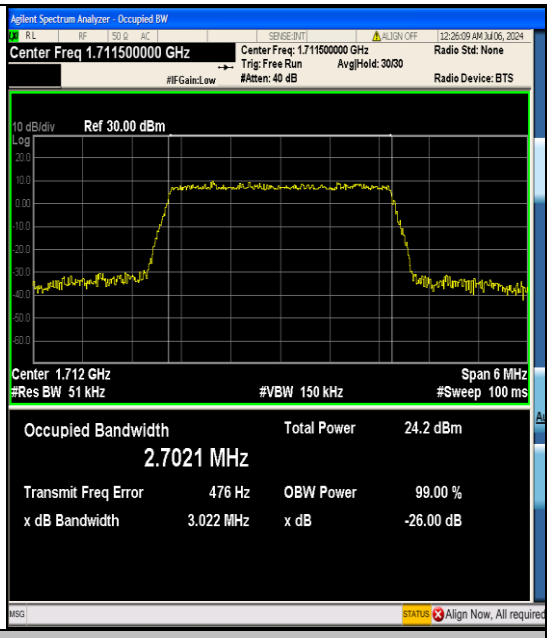

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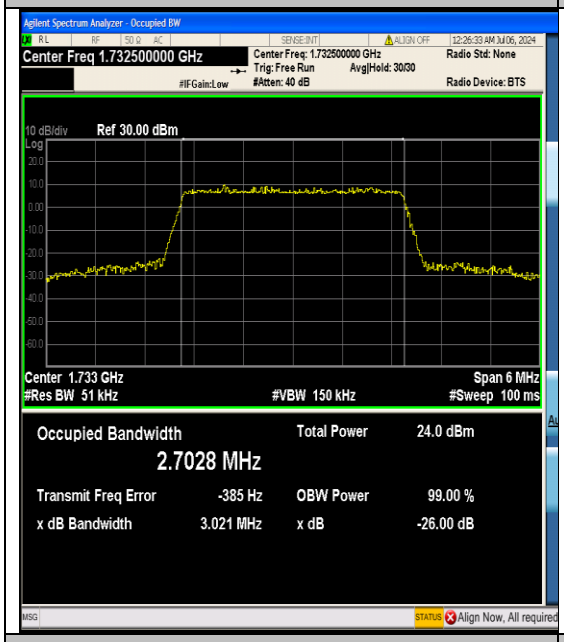

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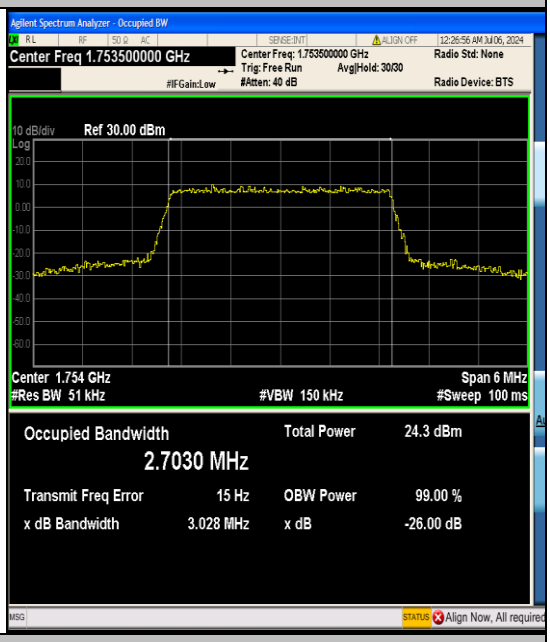

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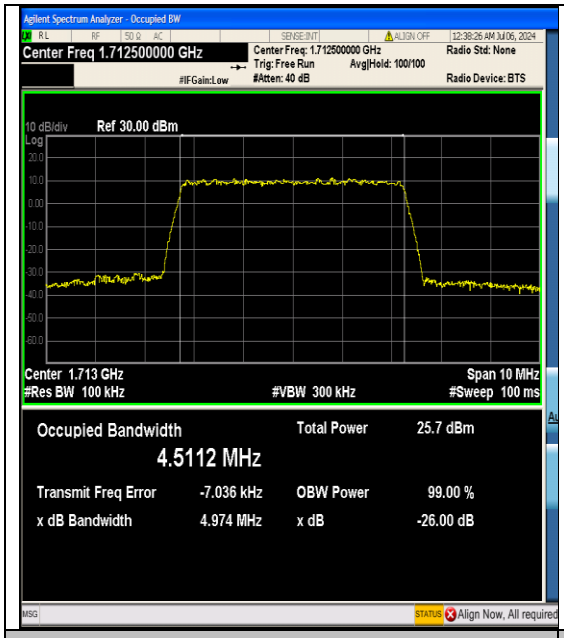
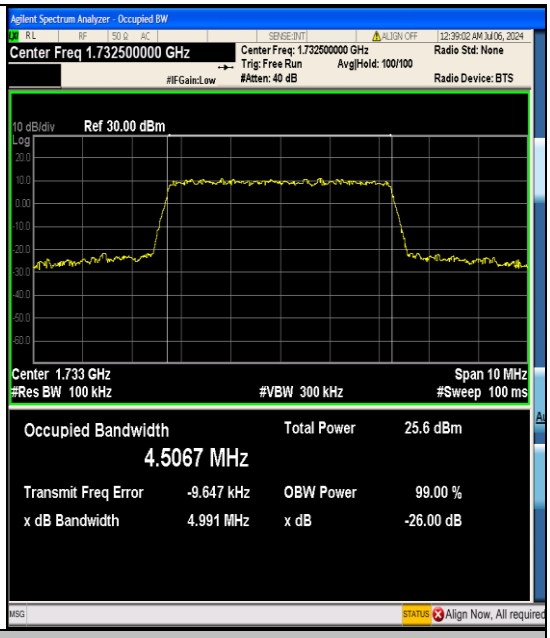


Band4-5MHz-QPSK-19975-25RB#0-PASS



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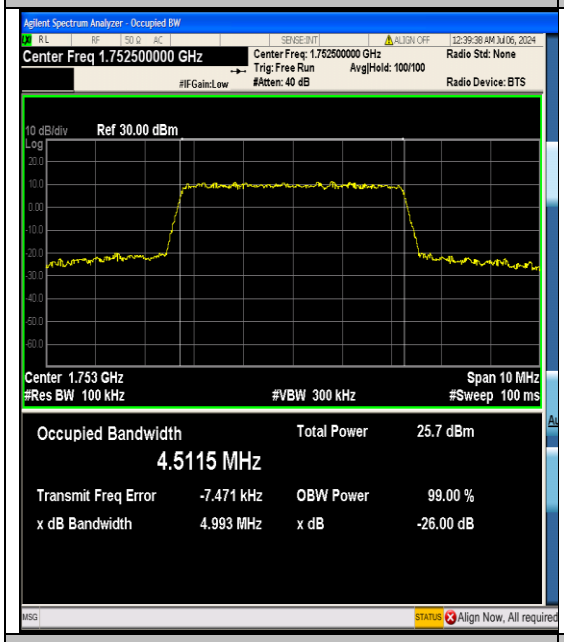
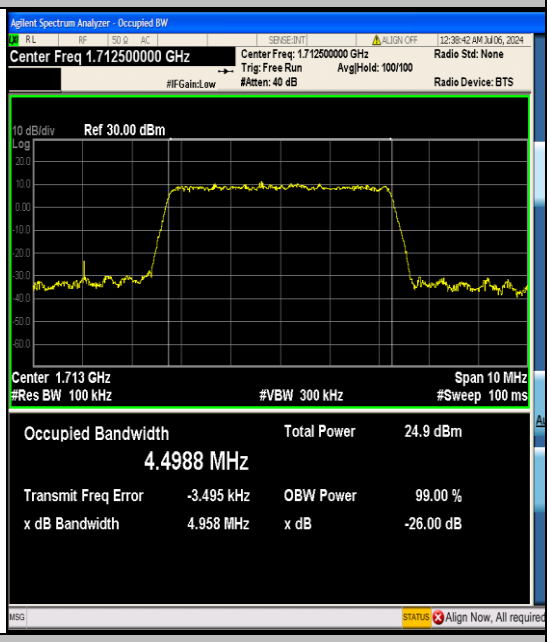


Band4-5MHz-QPSK-20375-25RB#0-PASS



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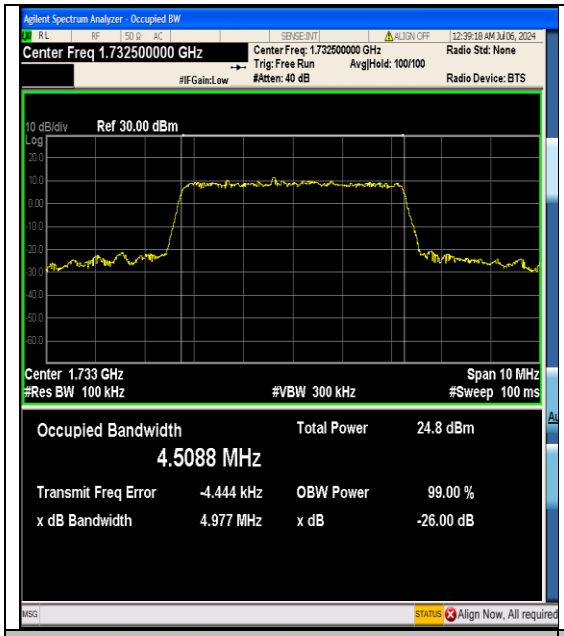

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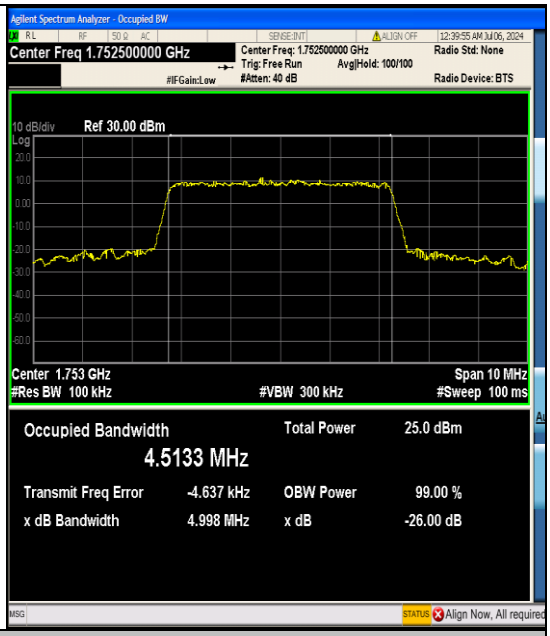

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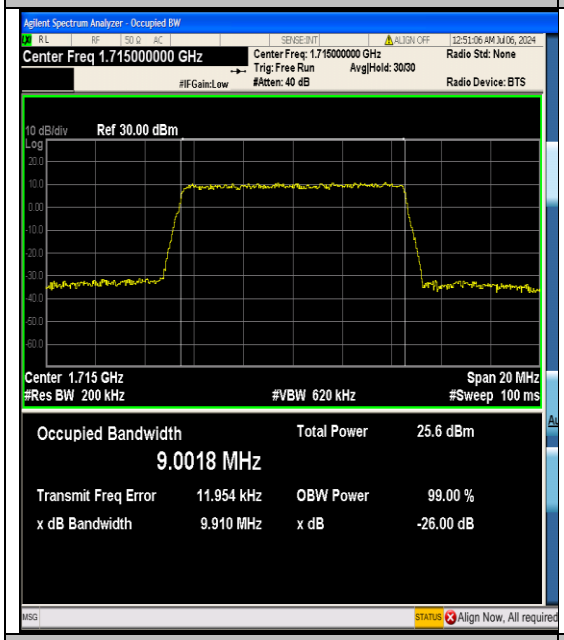
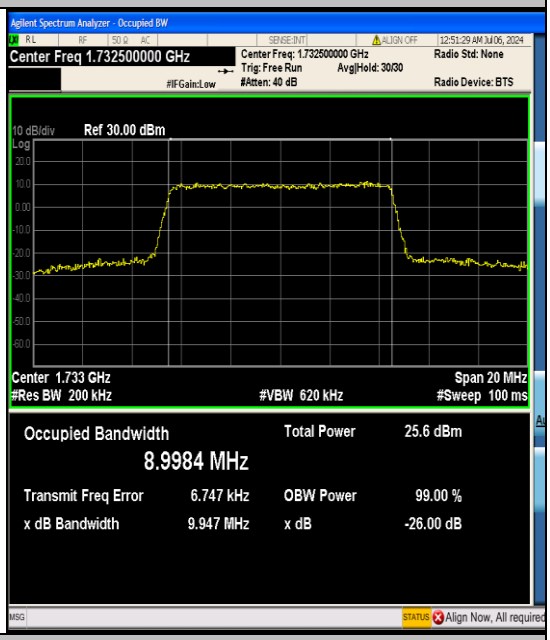


Band4-10MHz-QPSK-20000-50RB#0-PASS



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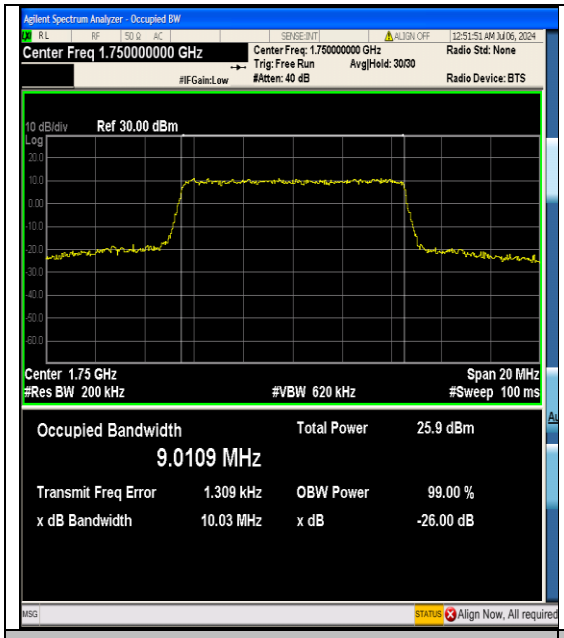
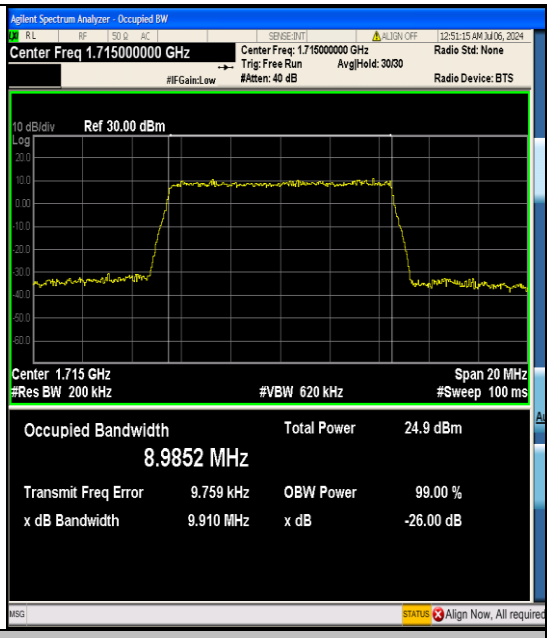
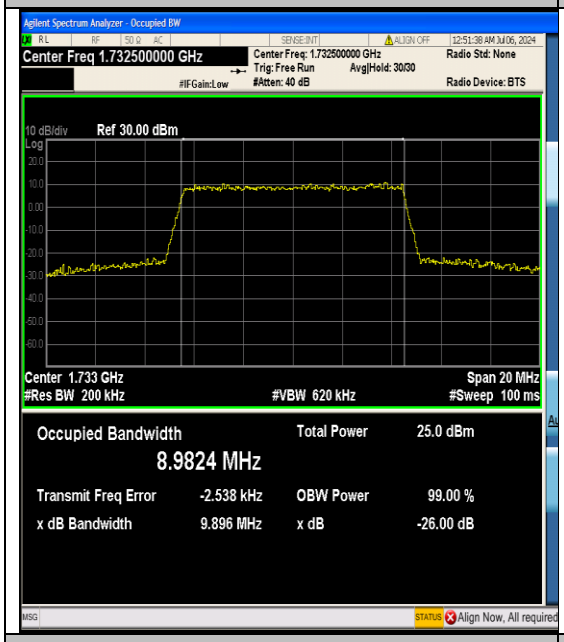


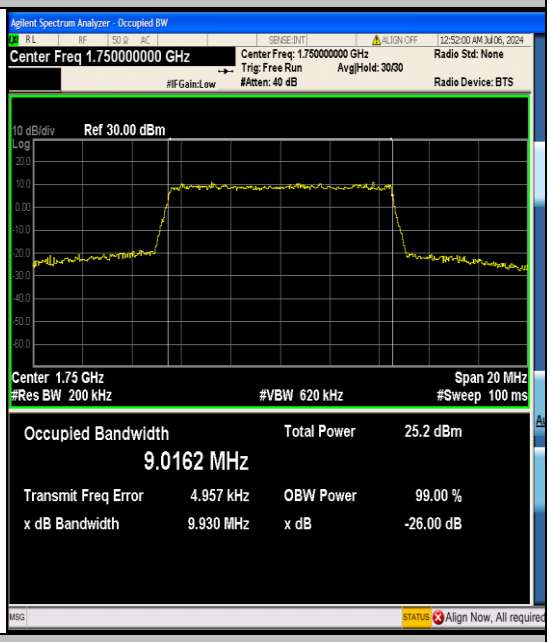
Band4-10MHz-QPSK-20350-50RB#0-PASS



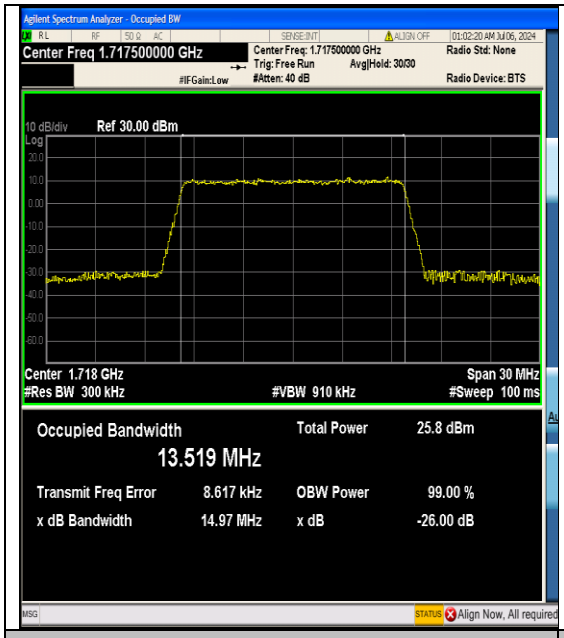
Band4-10MHz-16QAM-20000-50RB#0-PASS



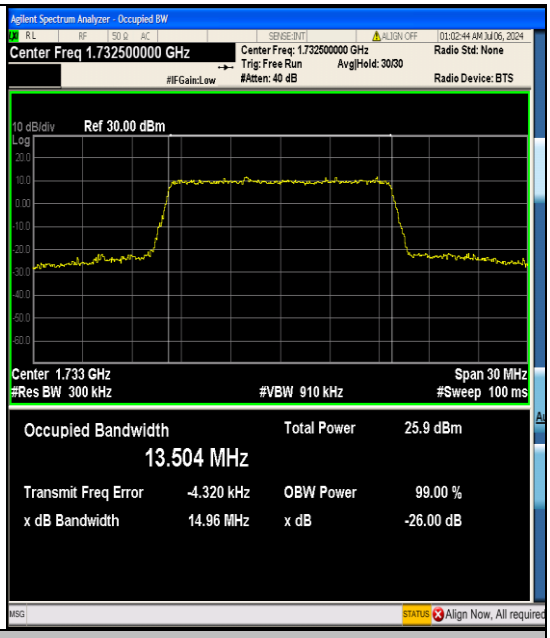
Band4-10MHz-16QAM-20175-50RB#0-PASS



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



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



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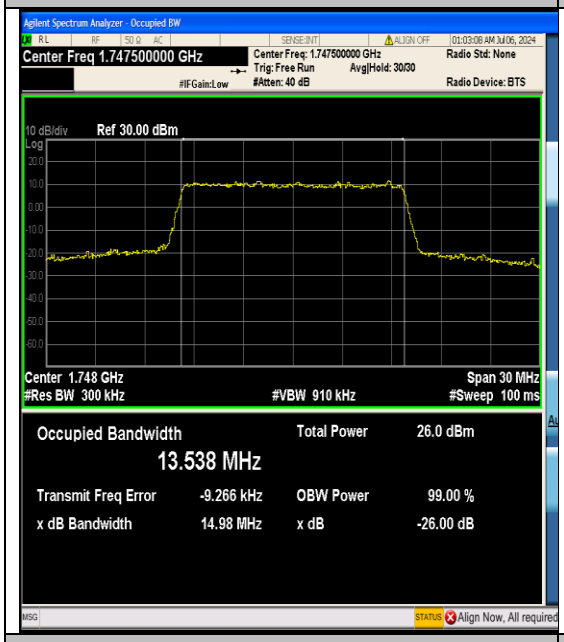

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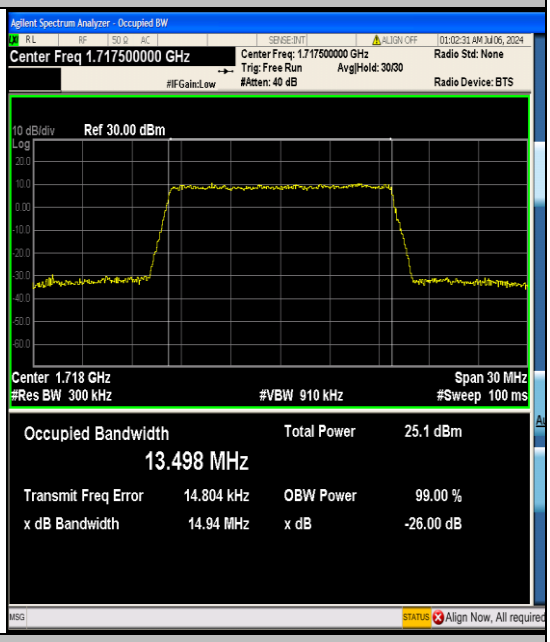

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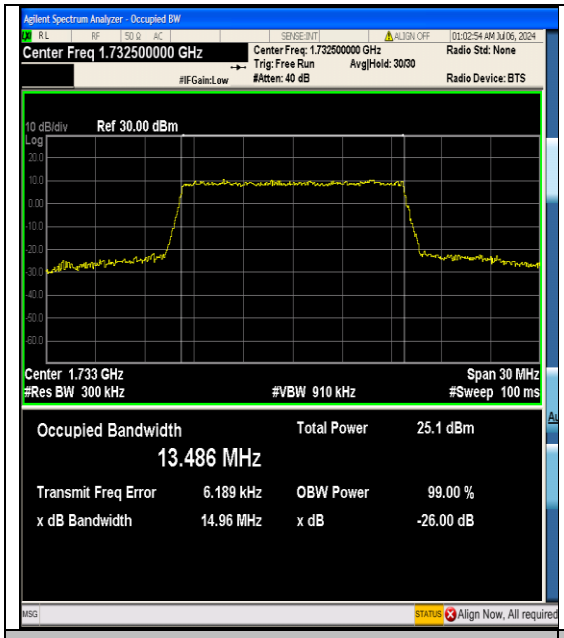

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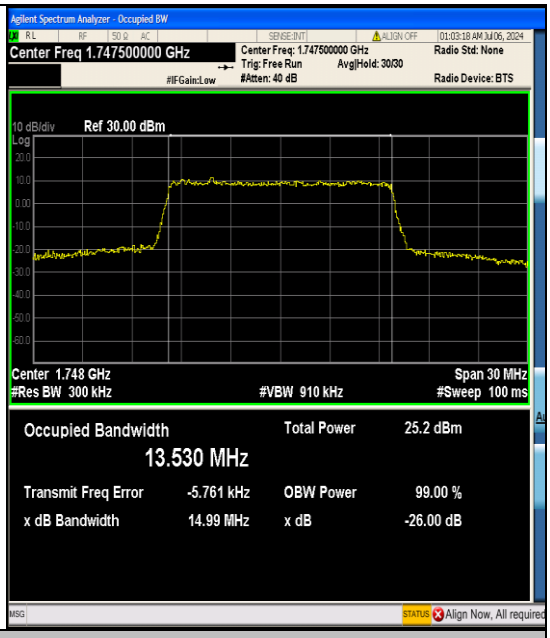

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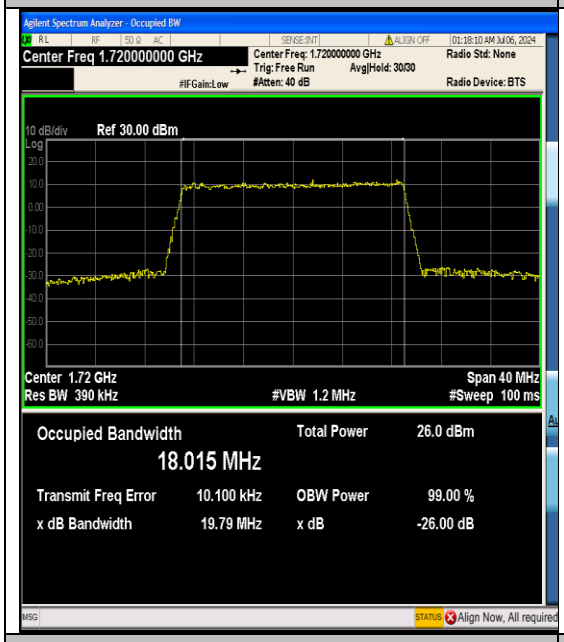
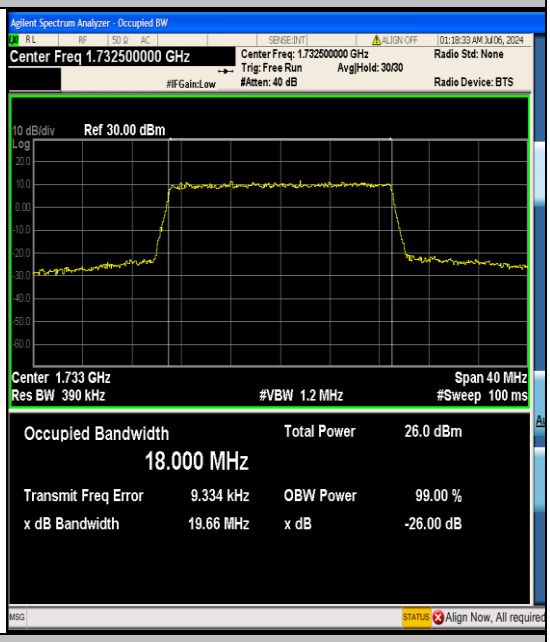
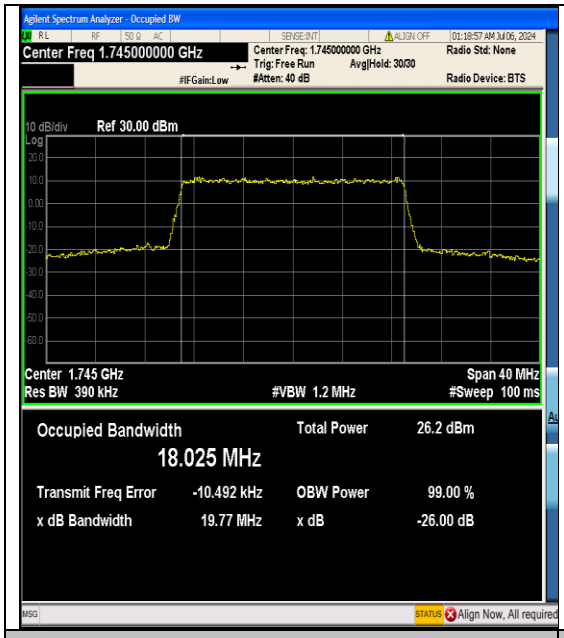


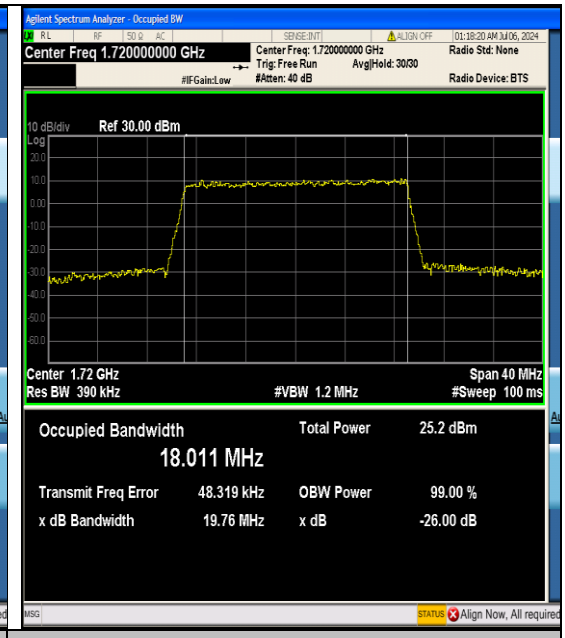
Band4-20MHz-QPSK-20050-100RB#0-PASS



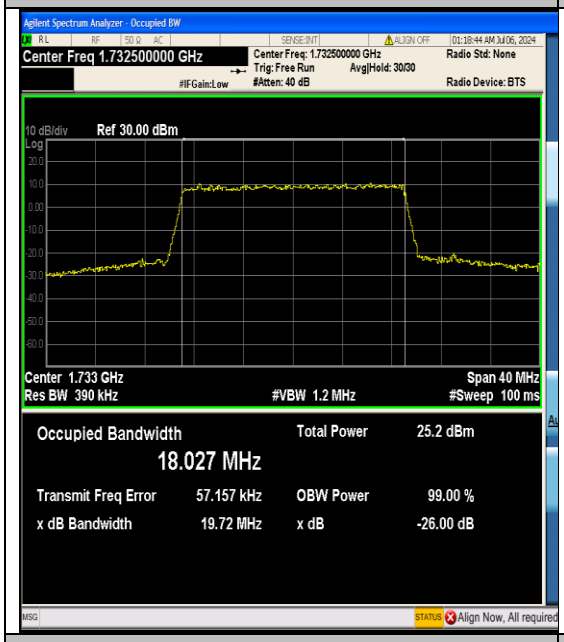
Band4-20MHz-QPSK-20175-100RB#0-PASS



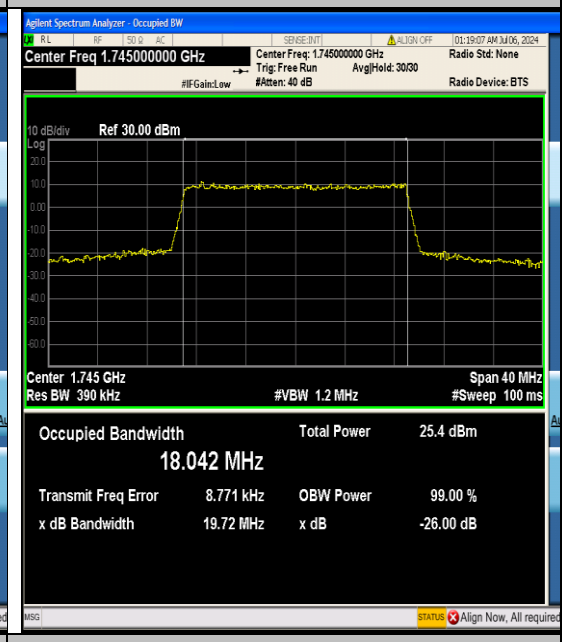
Band4-20MHz-QPSK-20300-100RB#0-PASS



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



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



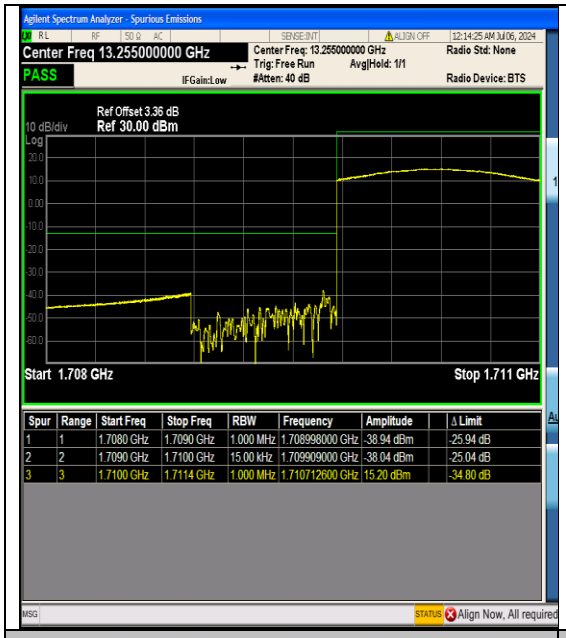
Band4-20MHz-16QAM-20300-100RB#0-PASS

Appendix D: Band Edge

Test Result

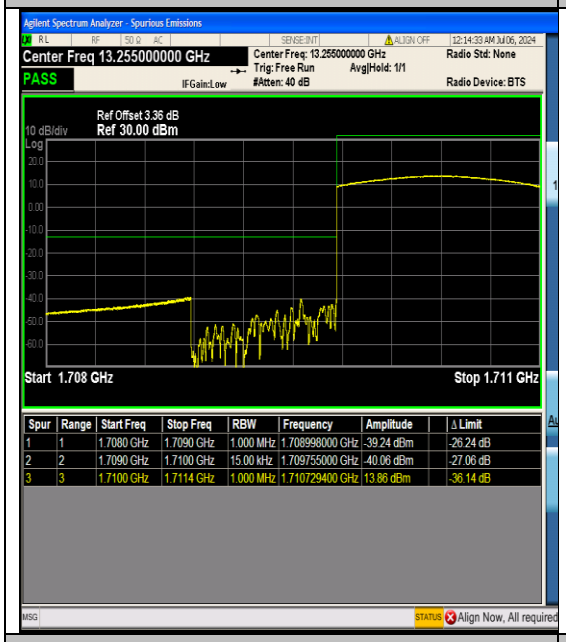
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-38.04	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-31.51	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-39.24	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-30.80	PASS
Band4	3MHz	QPSK	19965	15RB#0	-34.76	PASS
Band4	3MHz	QPSK	20385	15RB#0	-30.42	PASS
Band4	3MHz	16QAM	19965	15RB#0	-35.50	PASS
Band4	3MHz	16QAM	20385	15RB#0	-33.66	PASS
Band4	5MHz	QPSK	19975	25RB#0	-36.51	PASS
Band4	5MHz	QPSK	20375	25RB#0	-29.66	PASS
Band4	5MHz	16QAM	19975	25RB#0	-36.66	PASS
Band4	5MHz	16QAM	20375	25RB#0	-33.12	PASS
Band4	10MHz	QPSK	20000	50RB#0	-37.92	PASS
Band4	10MHz	QPSK	20350	50RB#0	-29.15	PASS
Band4	10MHz	16QAM	20000	50RB#0	-39.11	PASS
Band4	10MHz	16QAM	20350	50RB#0	-32.31	PASS
Band4	15MHz	QPSK	20025	75RB#0	-38.27	PASS
Band4	15MHz	QPSK	20325	75RB#0	-27.46	PASS
Band4	15MHz	16QAM	20025	75RB#0	-39.43	PASS
Band4	15MHz	16QAM	20325	75RB#0	-31.18	PASS
Band4	20MHz	QPSK	20050	100RB#0	-39.99	PASS
Band4	20MHz	QPSK	20300	100RB#0	-30.58	PASS
Band4	20MHz	16QAM	20050	100RB#0	-41.61	PASS
Band4	20MHz	16QAM	20300	100RB#0	-33.37	PASS

Test Graphs



Band4_1.4MHz_QPSK_19957_6RB#0

Band4_1.4MHz_QPSK_20393_6RB#0



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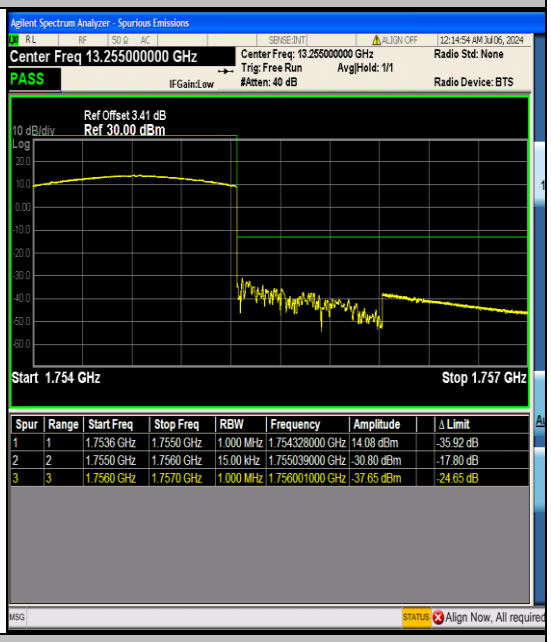
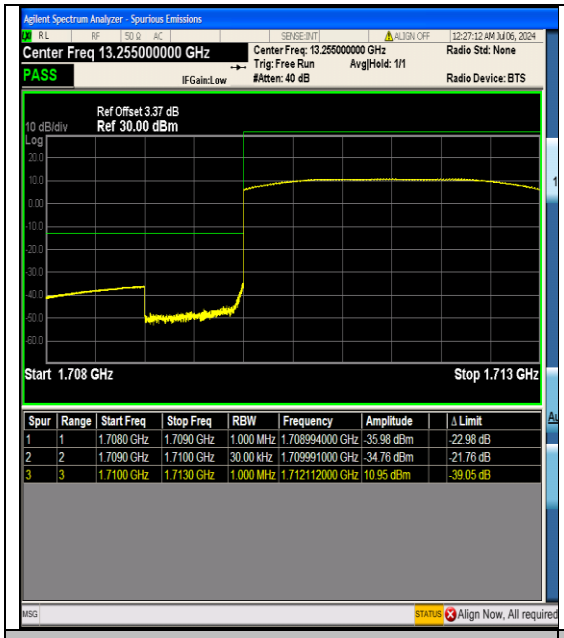
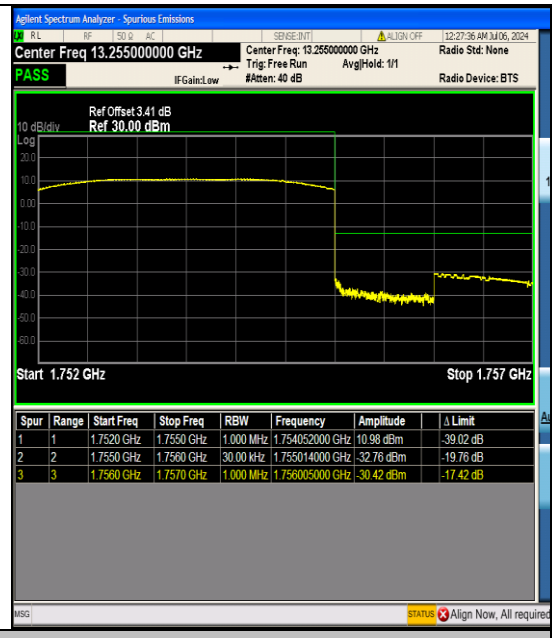


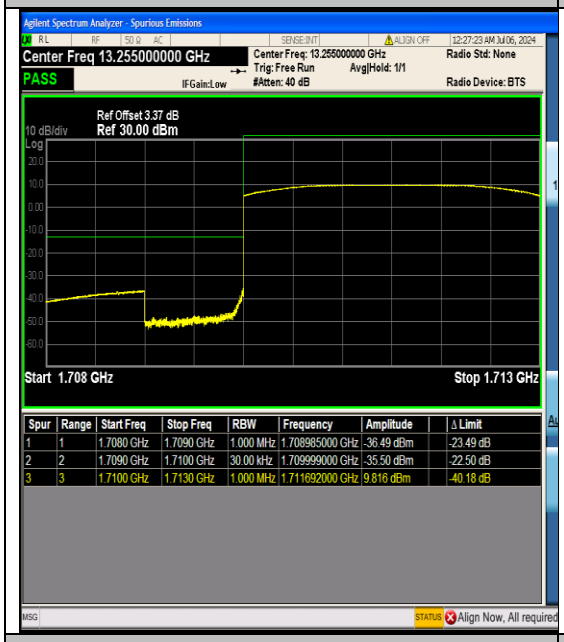
Band4_1.4MHz_16QAM_20393_6RB#0



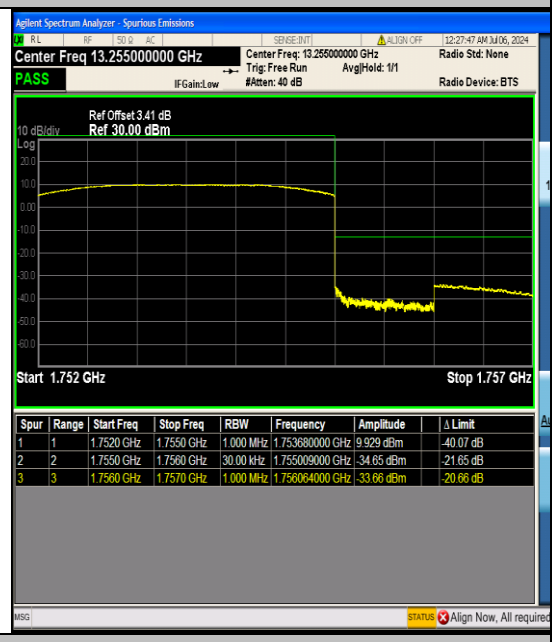
Band4_3MHz_QPSK_19965_15RB#0



Band4_3MHz_QPSK_20385_15RB#0



Band4_3MHz_16QAM_19965_15RB#0



Band4_3MHz_16QAM_20385_15RB#0