FCC LTE Band Test Data

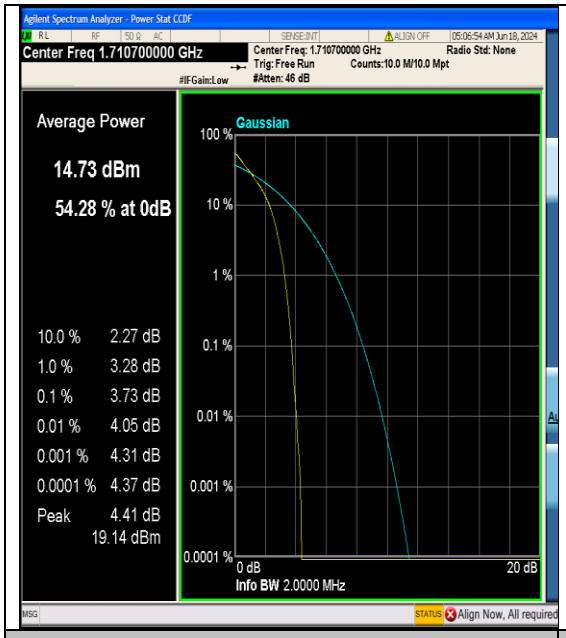
FCC ID	**:**	**2BCQ3FLY300**
Company:	**:**	**A3 MOBILE SAS**
EUT	**:**	**Mobile Phone**
Model Number	**:**	**FY-300**
Reviewed By	**:**	**Eric Wang**

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

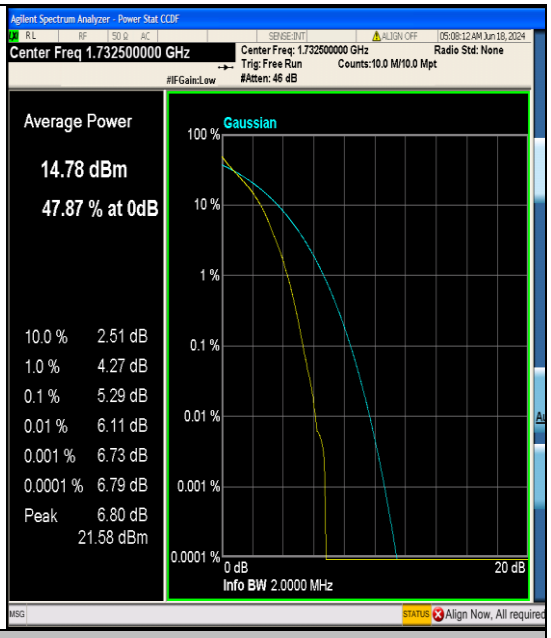
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	3.73	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.29	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	3.94	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	4.49	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.01	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	4.62	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.48	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.47	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.54	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.16	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.19	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.21	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.59	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.47	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.51	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.17	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.11	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.09	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.89	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.47	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.46	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.50	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.14	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.07	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.34	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.73	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	4.76	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.88	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.19	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.29	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.29	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.39	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.65	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.03	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.10	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.34	13	PASS

Test Graphs



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



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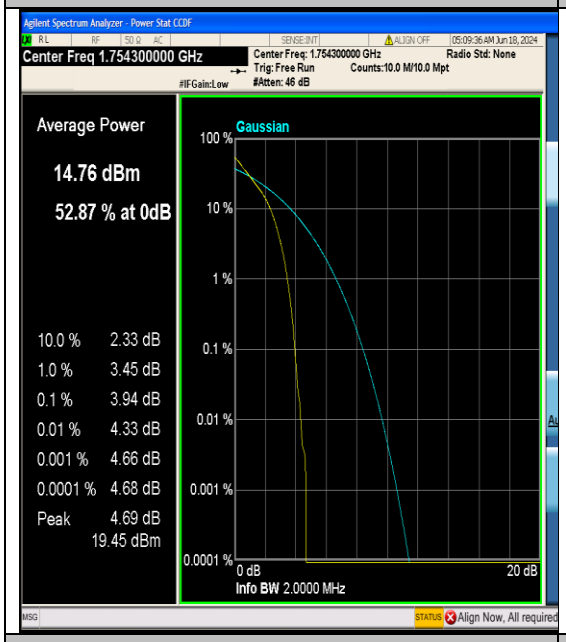
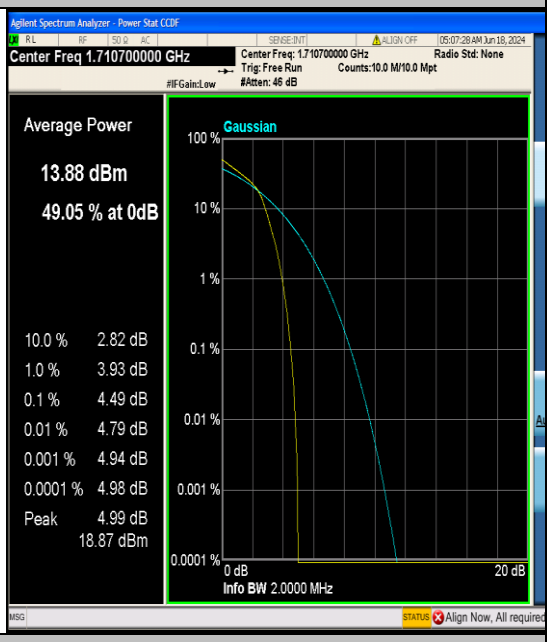
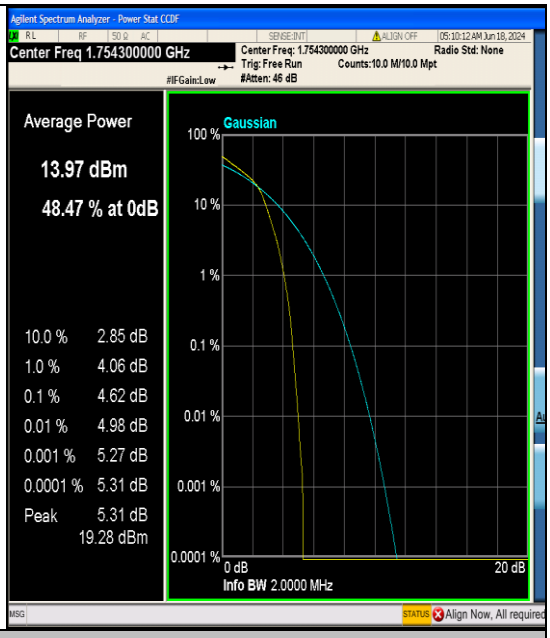


Band4-1.4MHz-QPSK-20393-6RB#0-PASS

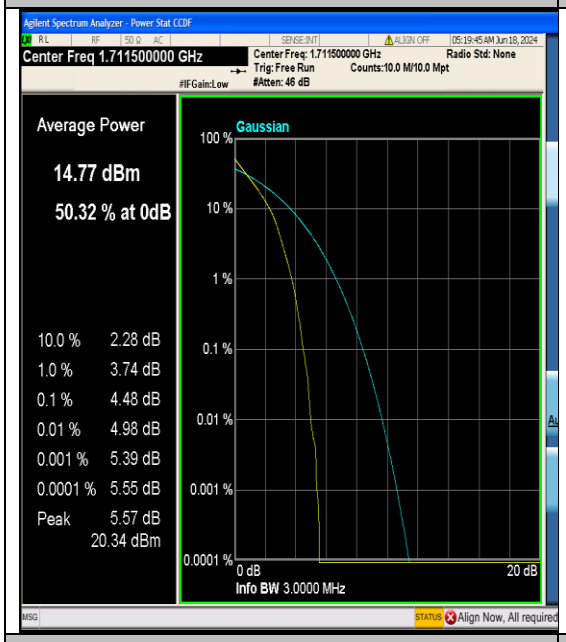


Band4-1.4MHz-16QAM-19957-6RB#0-PASS

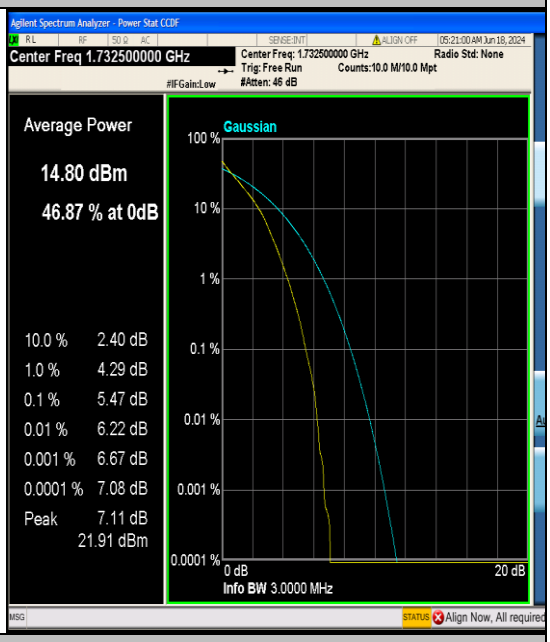
Band4-1.4MHz-16QAM-20175-6RB#0-PASS



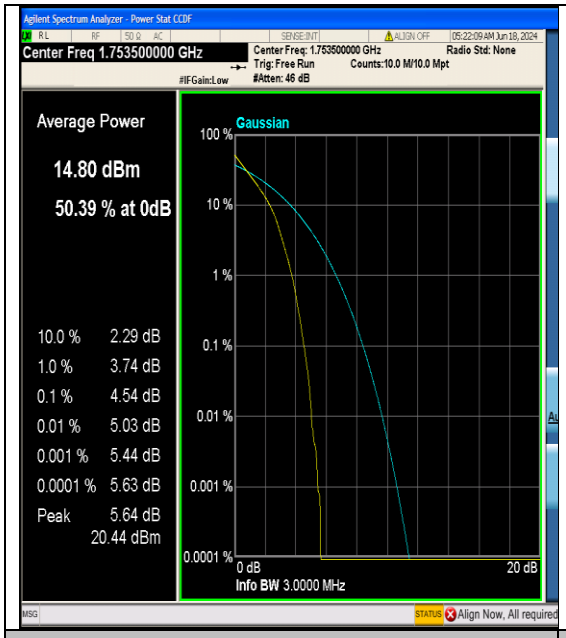
Band4-1.4MHz-16QAM-20393-6RB#0-PASS



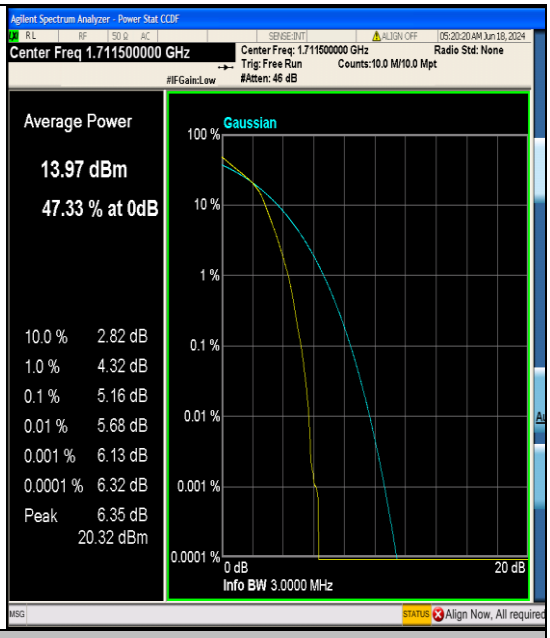
Band4-3MHz-QPSK-19965-15RB#0-PASS



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



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



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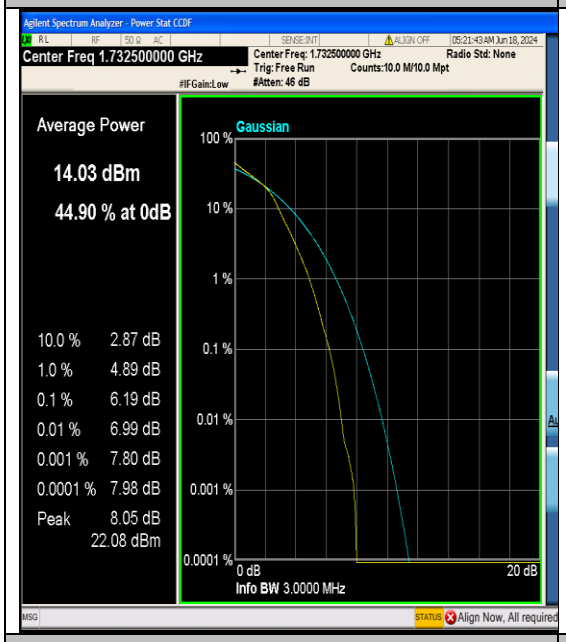

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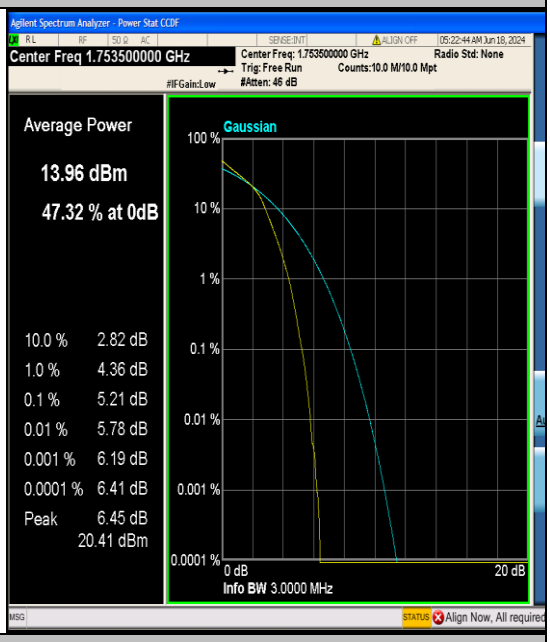

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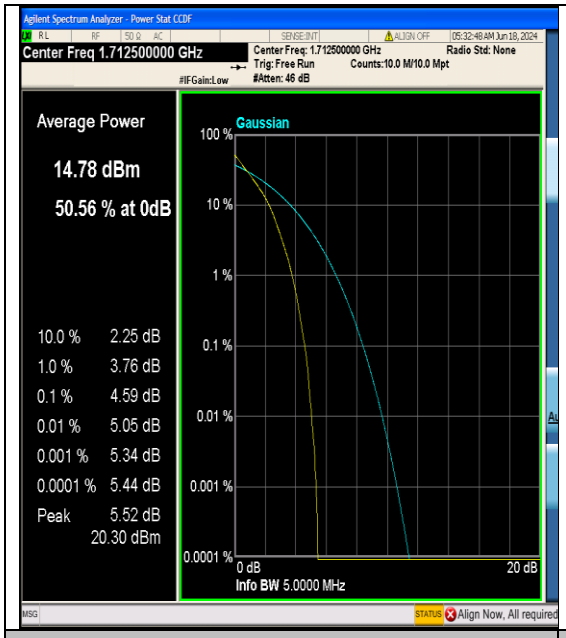
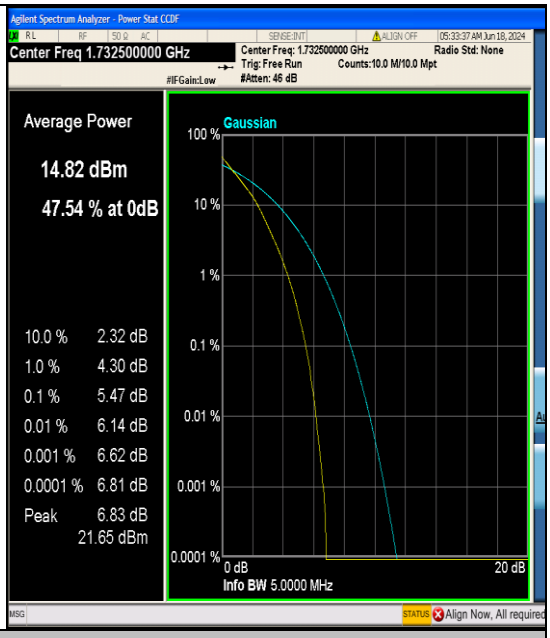
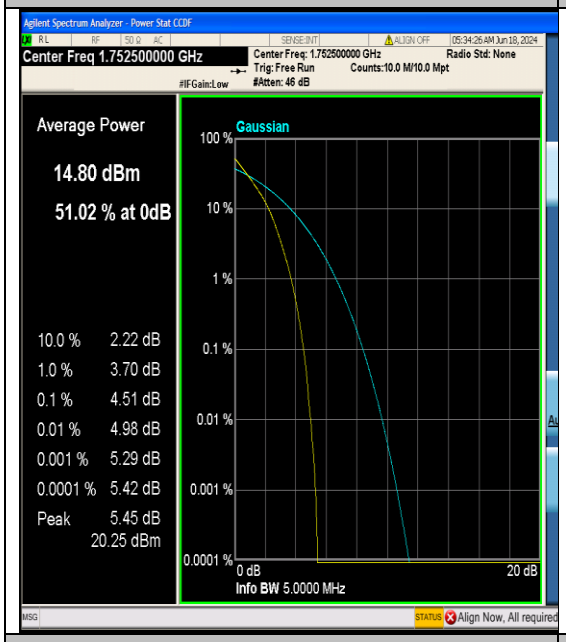


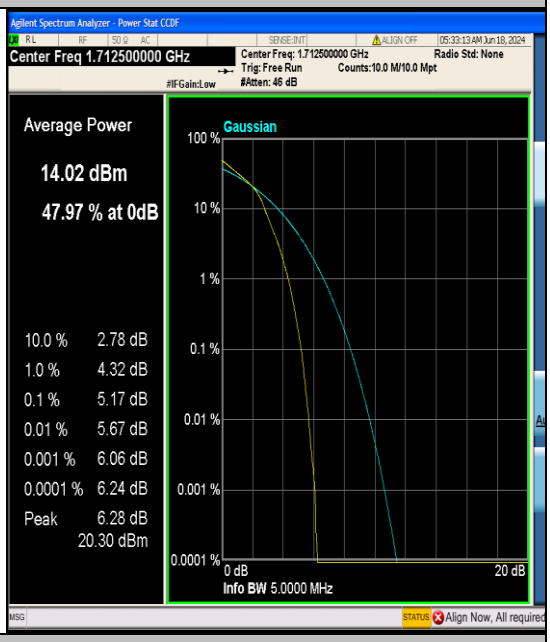
Band4-5MHz-QPSK-19975-25RB#0-PASS



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



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



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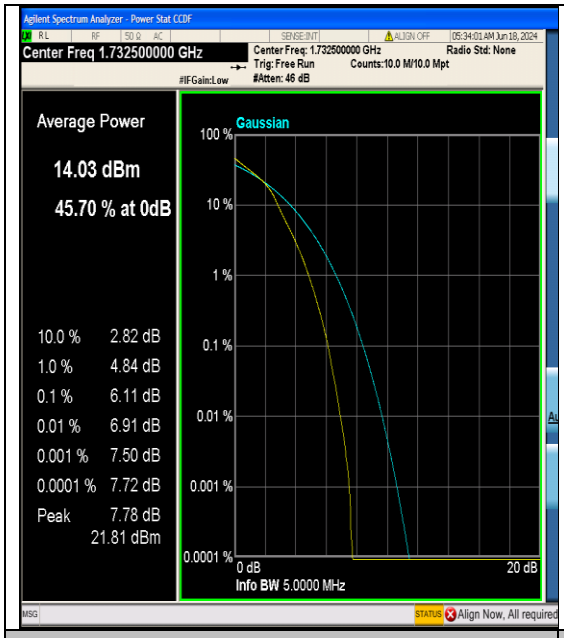
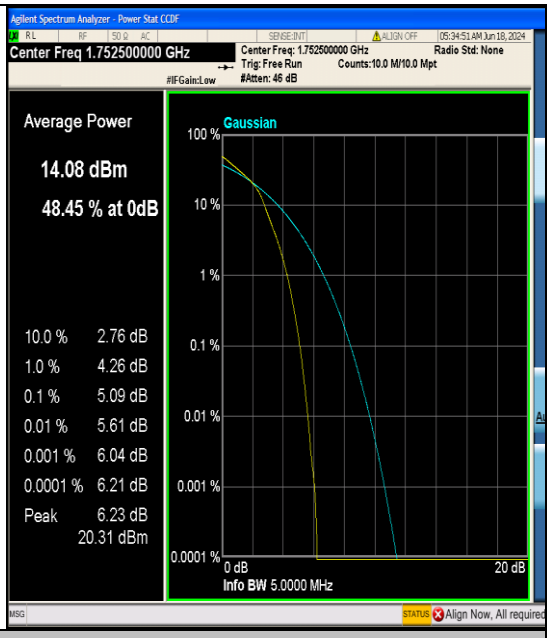
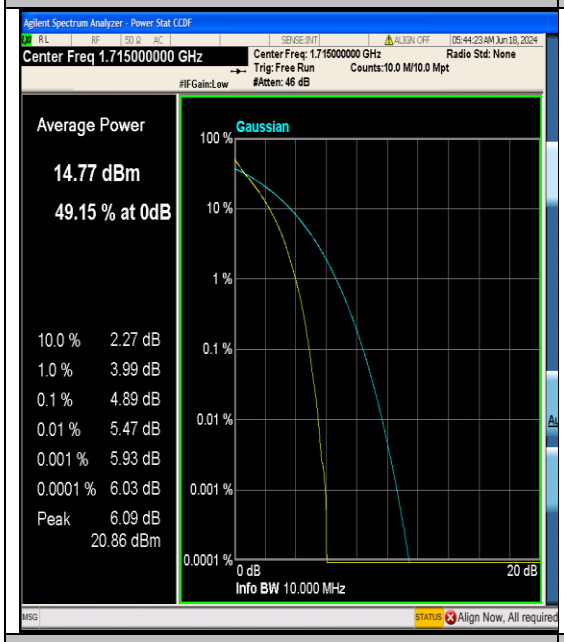


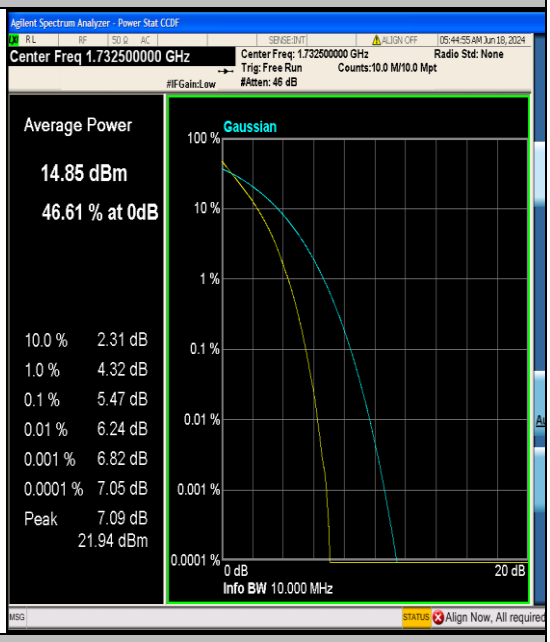
Band4-5MHz-16QAM-20175-25RB#0-PASS



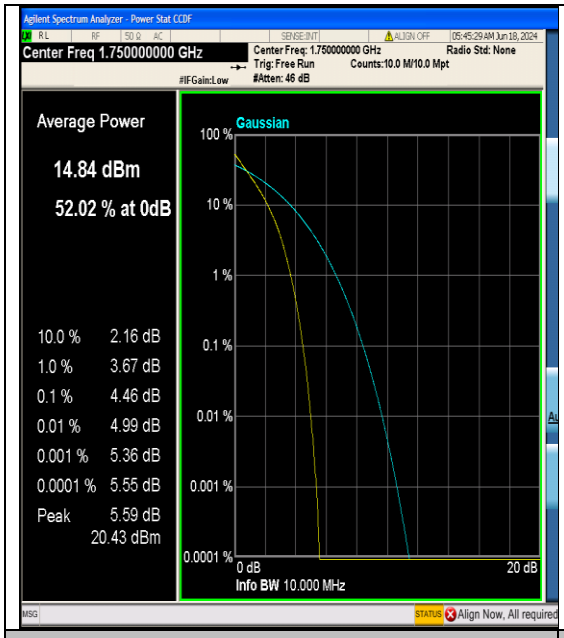
Band4-5MHz-16QAM-20375-25RB#0-PASS



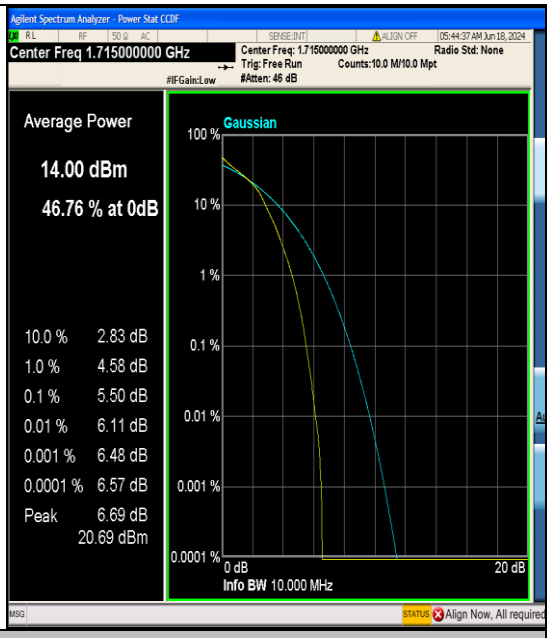
Band4-10MHz-QPSK-20000-50RB#0-PASS



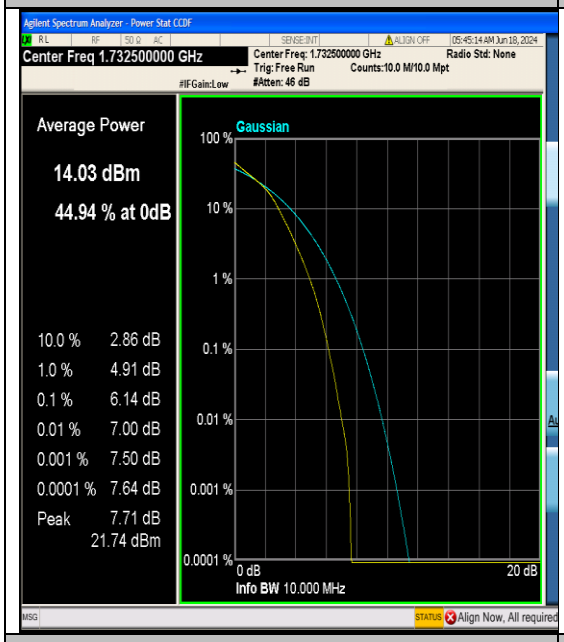
Band4-10MHz-QPSK-20175-50RB#0-PASS



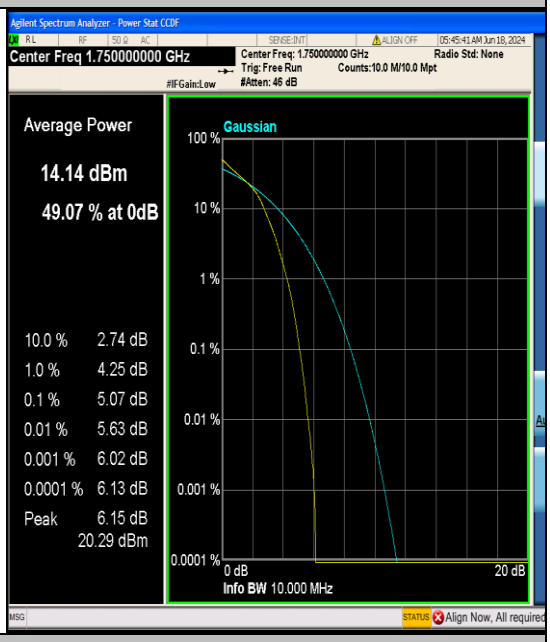
Band4-10MHz-QPSK-20350-50RB#0-PASS



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

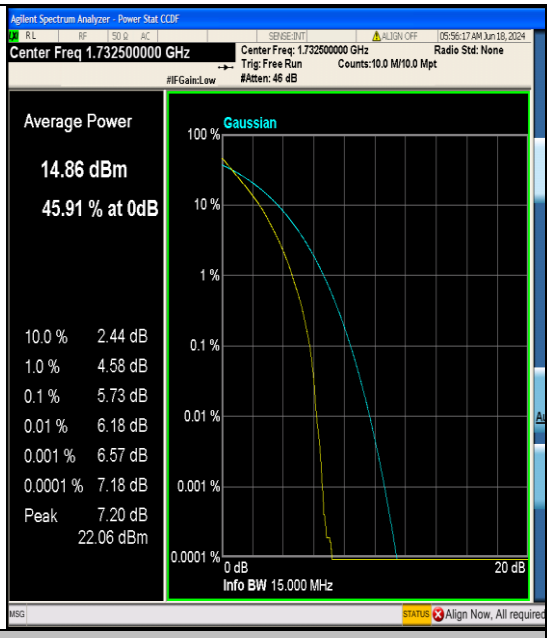


Band4-10MHz-16QAM-20175-50RB#0-PASS

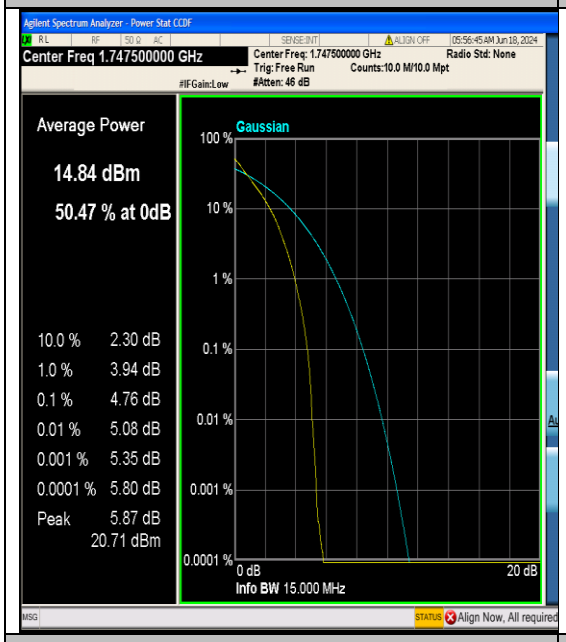


Band4-10MHz-16QAM-20350-50RB#0-PASS

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



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



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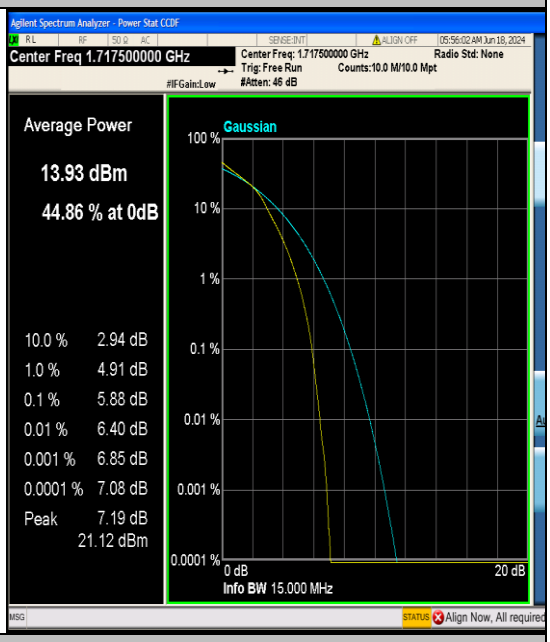

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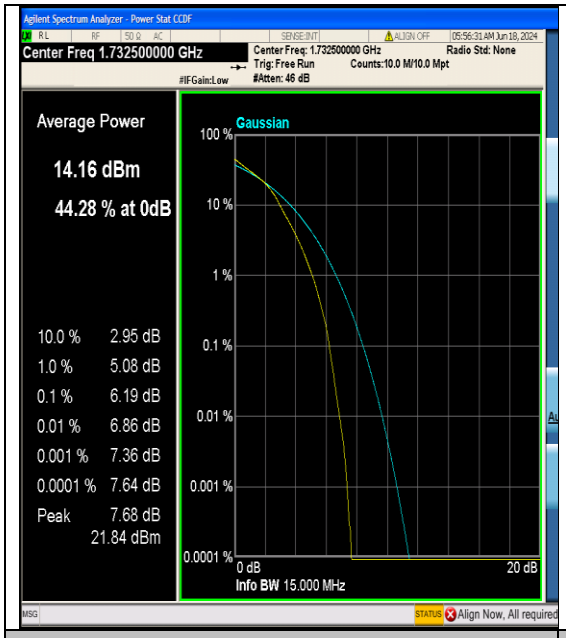
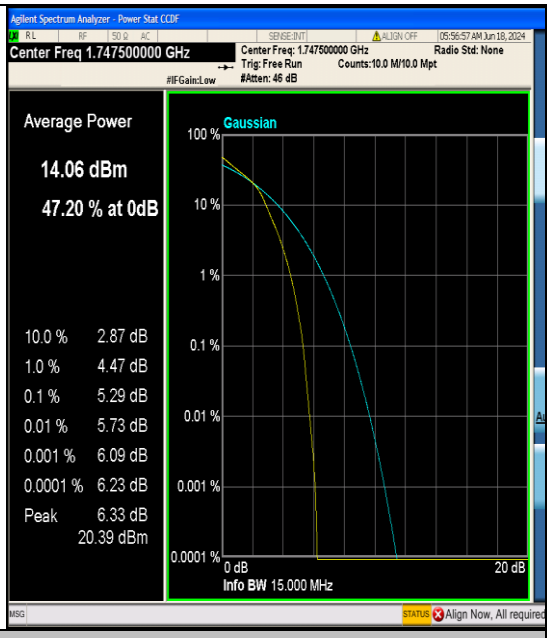


Band4-15MHz-16QAM-20175-75RB#0-PASS



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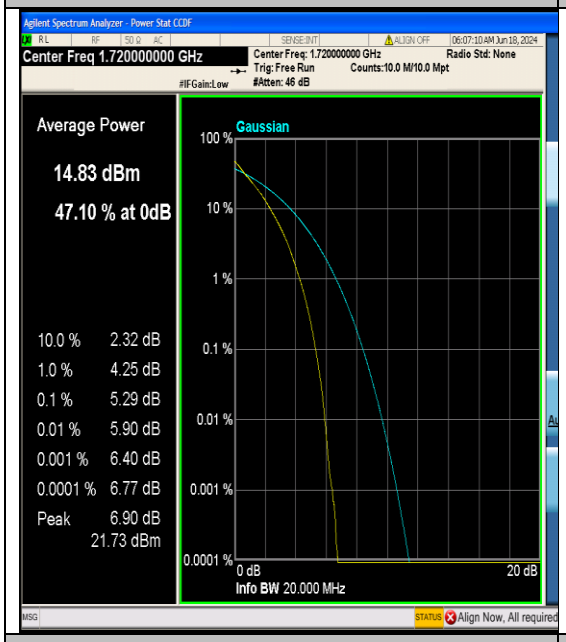
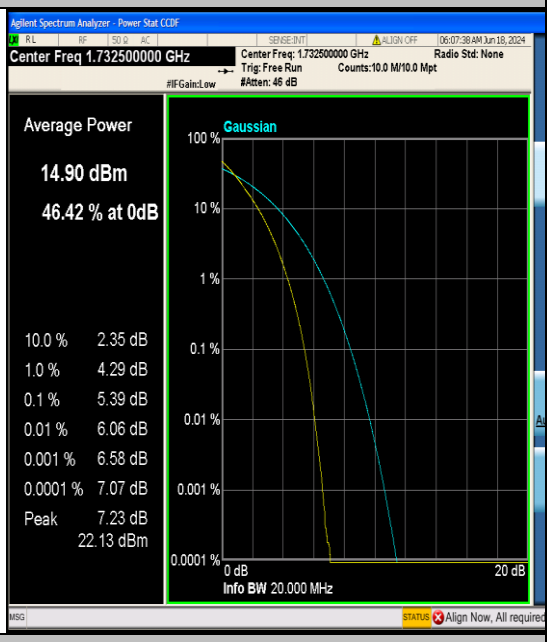
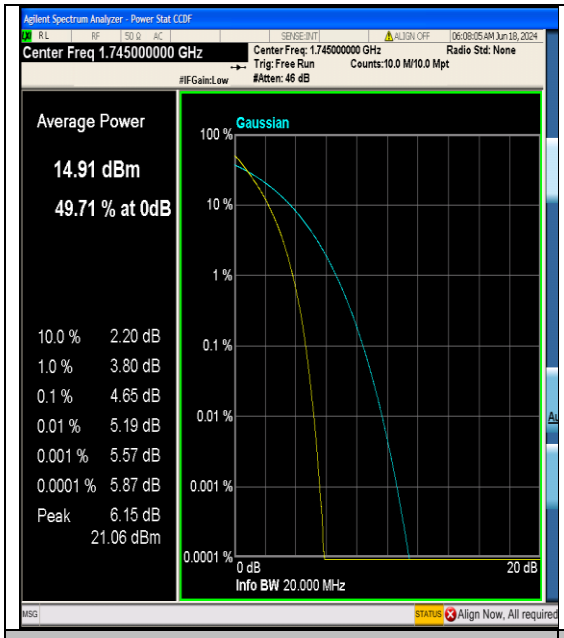


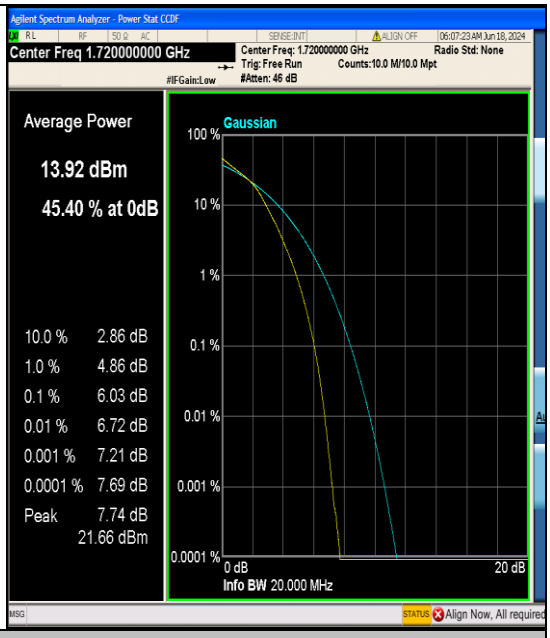
Band4-20MHz-QPSK-20050-100RB#0-PASS



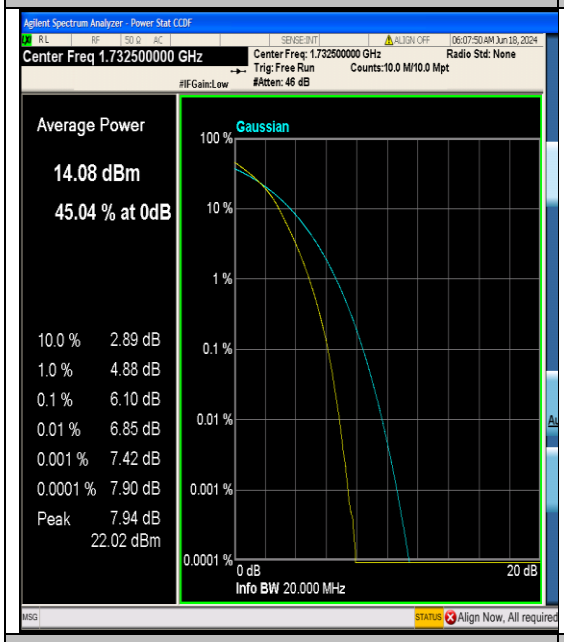
Band4-20MHz-QPSK-20175-100RB#0-PASS



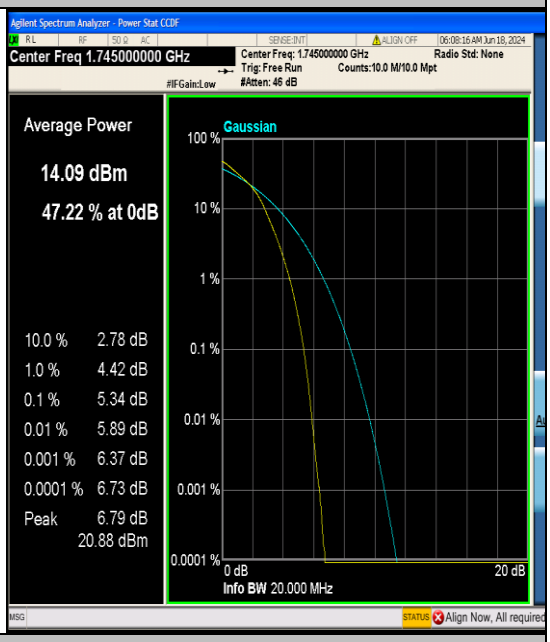
Band4-20MHz-QPSK-20300-100RB#0-PASS



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



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



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

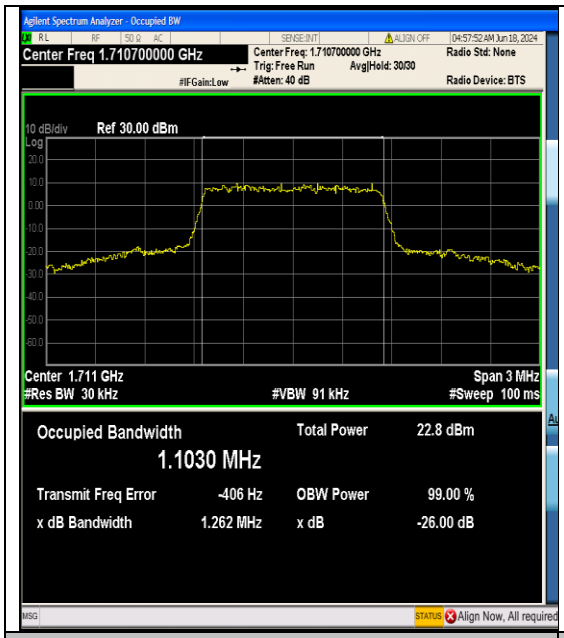
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

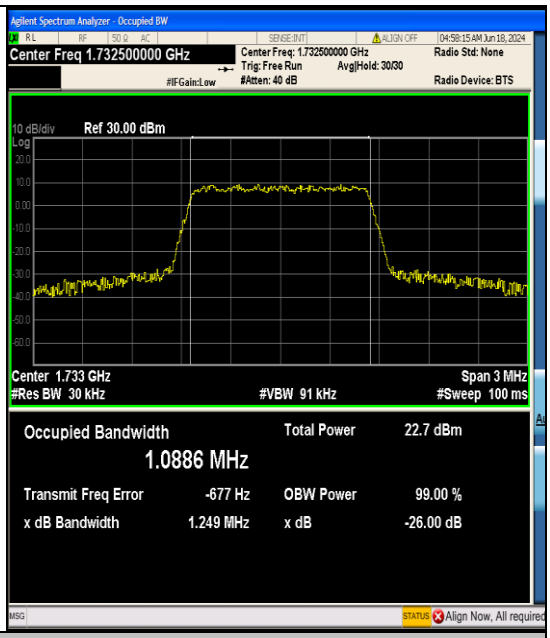
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.1030	1.262	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0886	1.249	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0939	1.250	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.1070	1.285	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1024	1.252	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1049	1.258	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7201	3.037	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7112	3.004	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7176	3.053	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.7038	3.044	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7076	3.012	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.7035	3.046	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5177	5.000	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5079	4.974	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5183	5.022	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5210	5.003	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5028	4.971	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5141	5.005	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0034	9.999	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9845	9.938	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0032	10.28	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.0099	9.925	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9871	9.911	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0047	9.946	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.528	15.01	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.527	14.92	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.510	14.98	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.523	14.95	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.501	15.01	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.510	14.98	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.037	19.78	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.996	19.71	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.974	19.74	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.018	19.69	PASS

Band4	20MHz	16QAM	20175	100RB#0	18.025	19.73	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.030	19.85	PASS

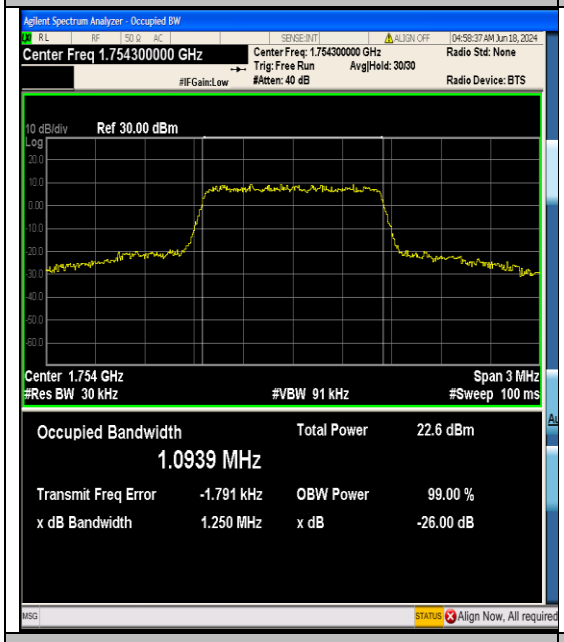
Test Graphs



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



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



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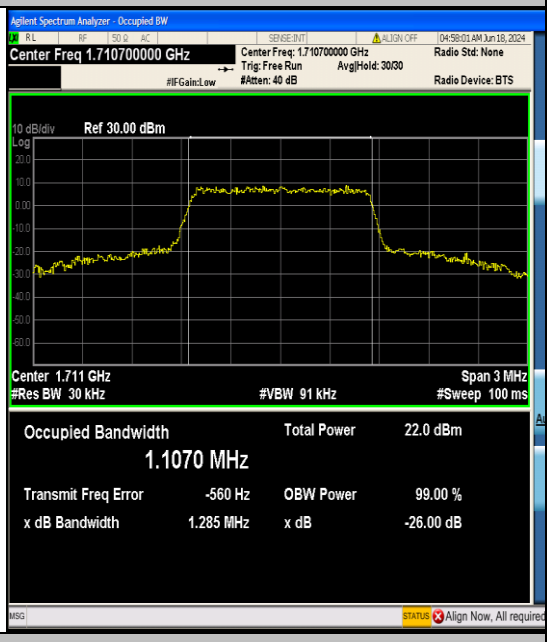

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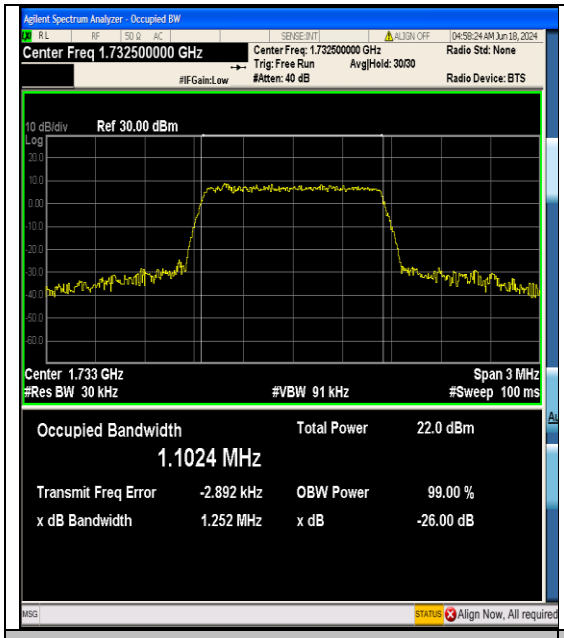

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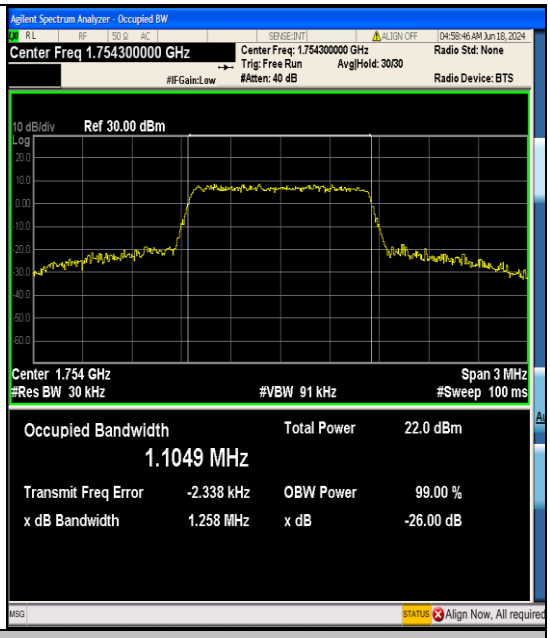

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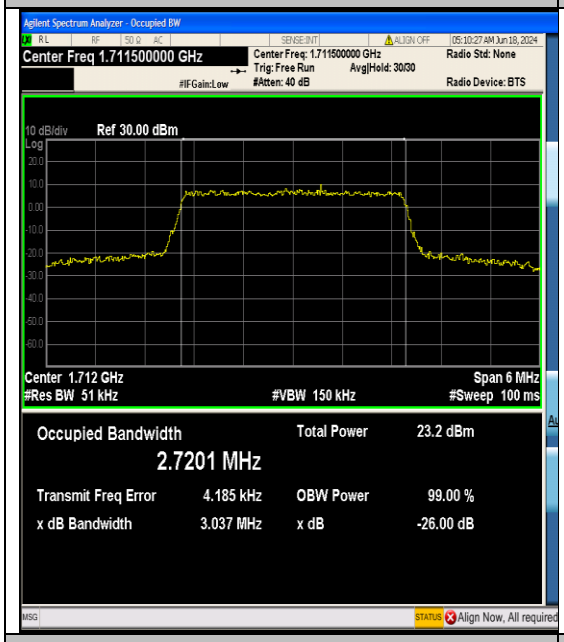

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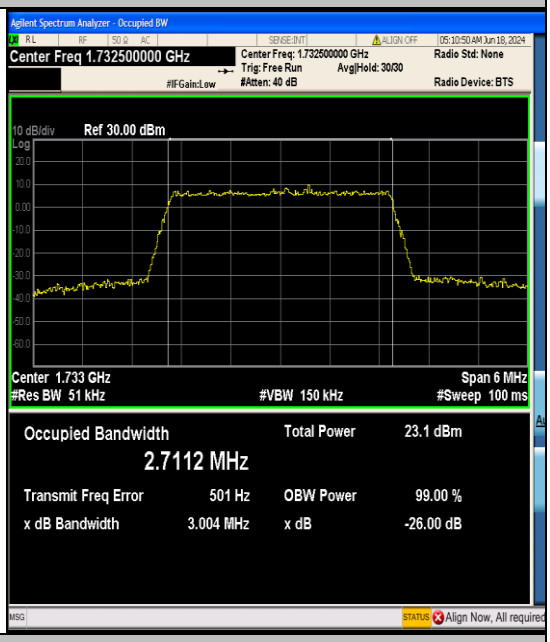

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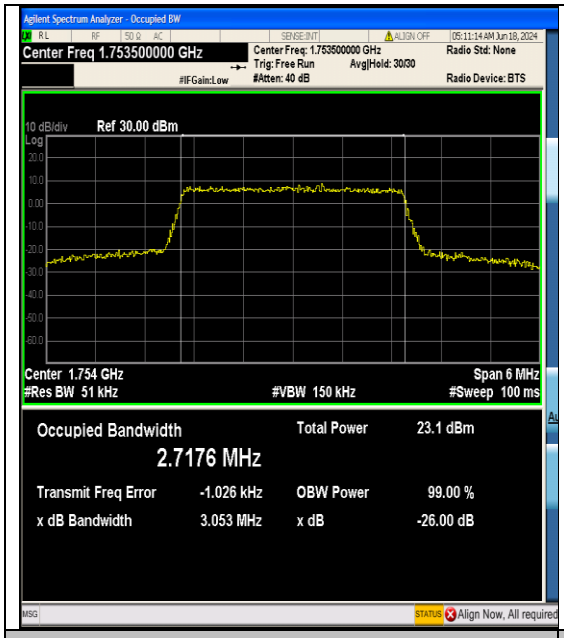

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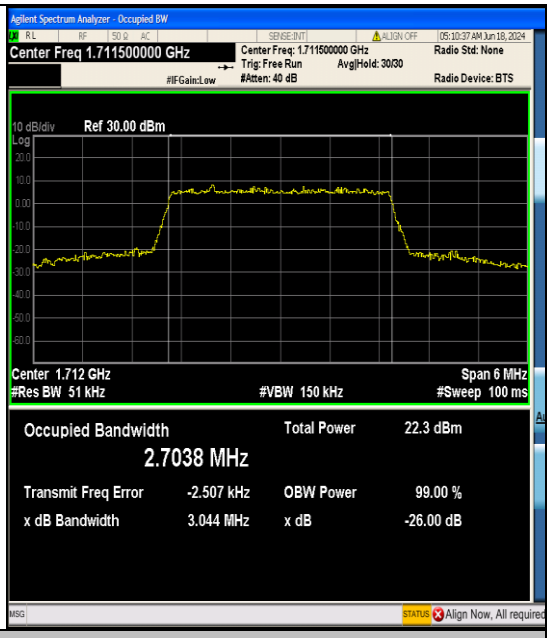

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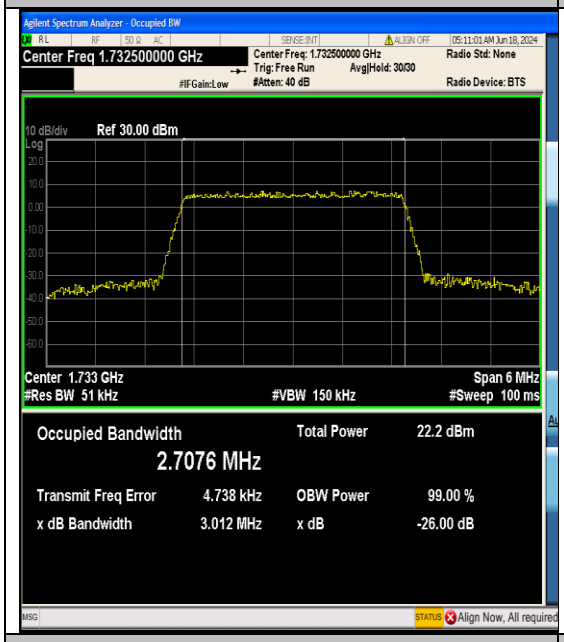

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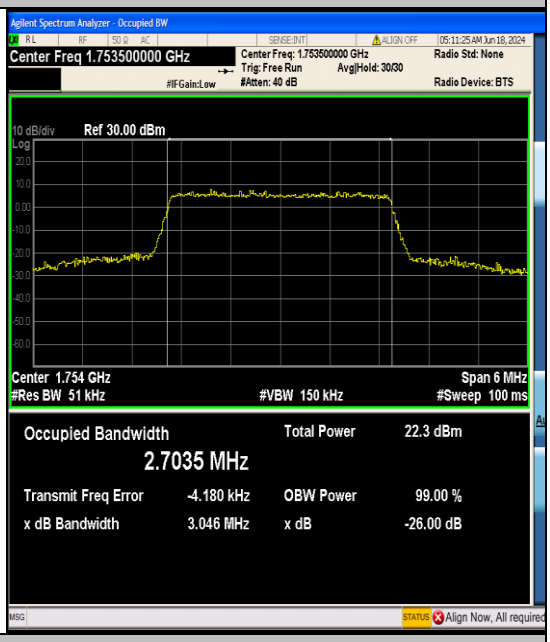

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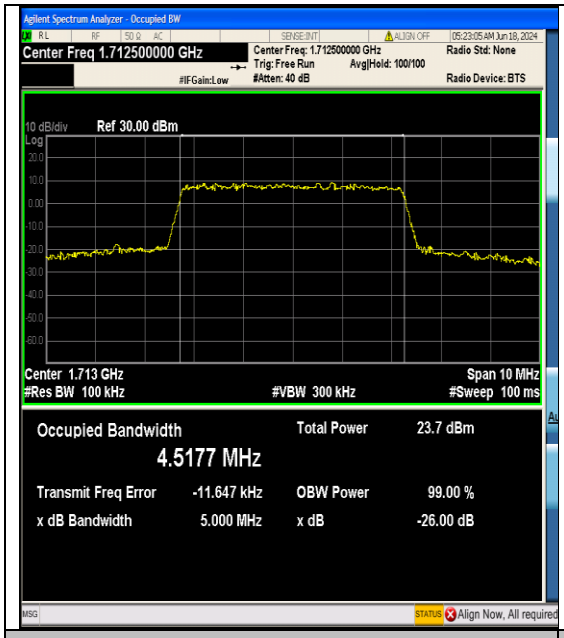

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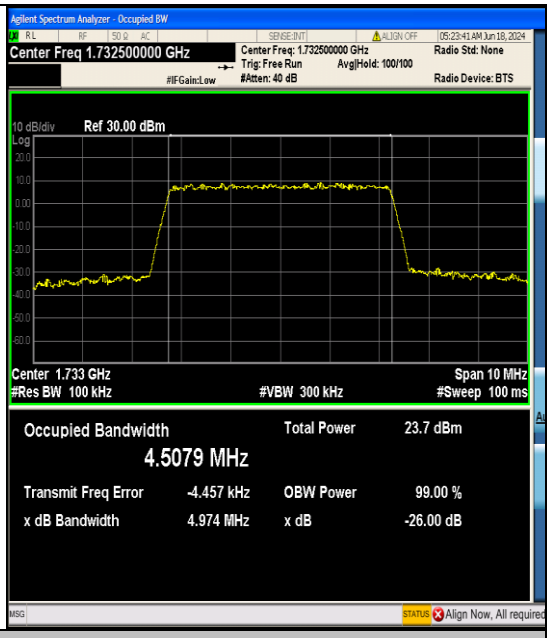

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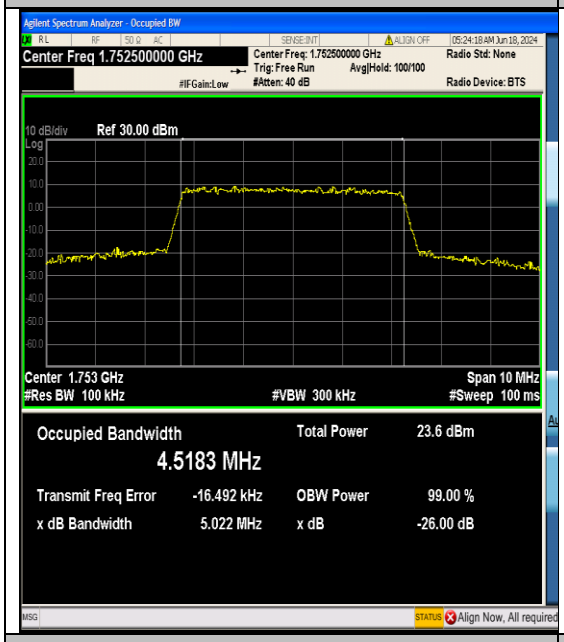

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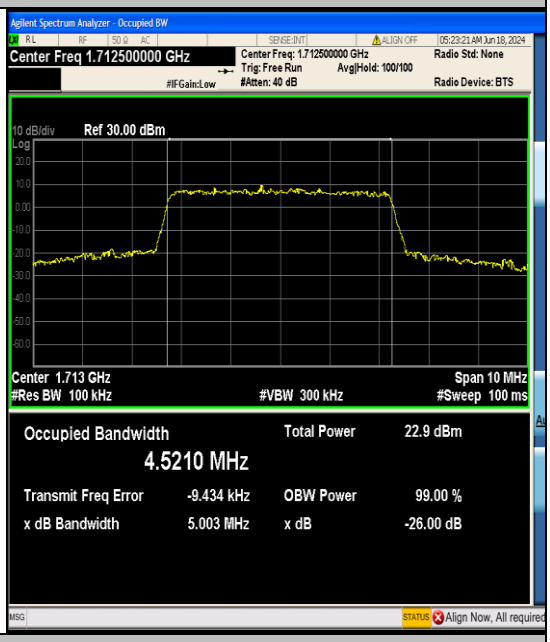

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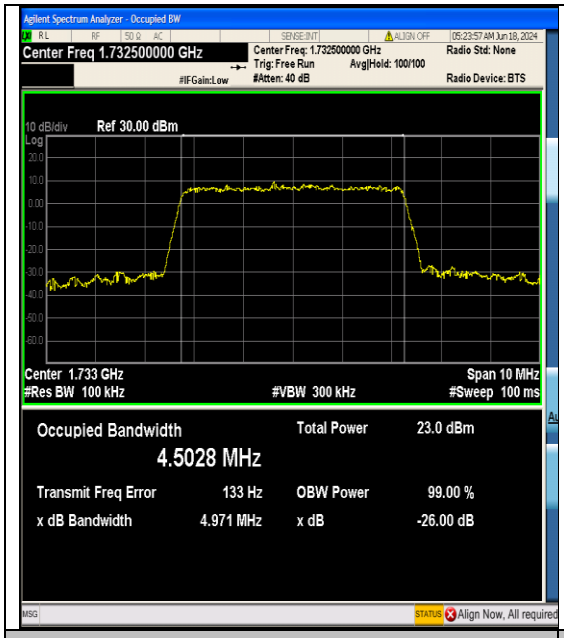

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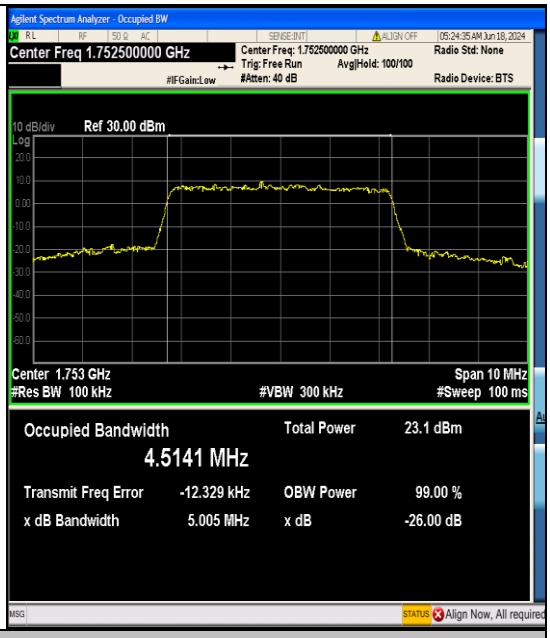

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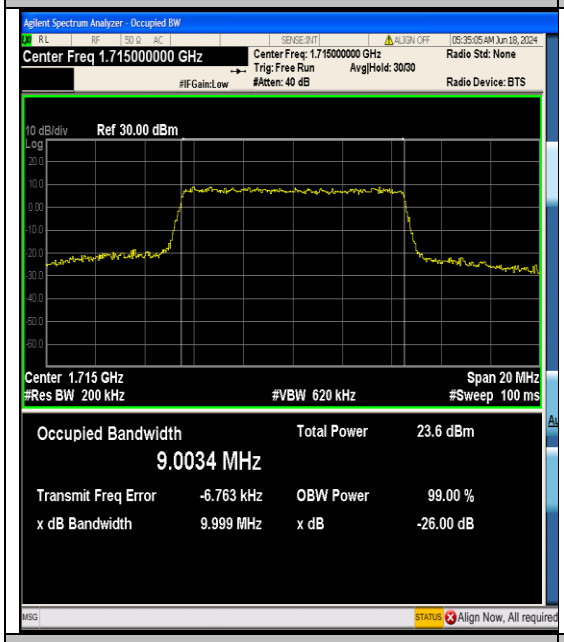
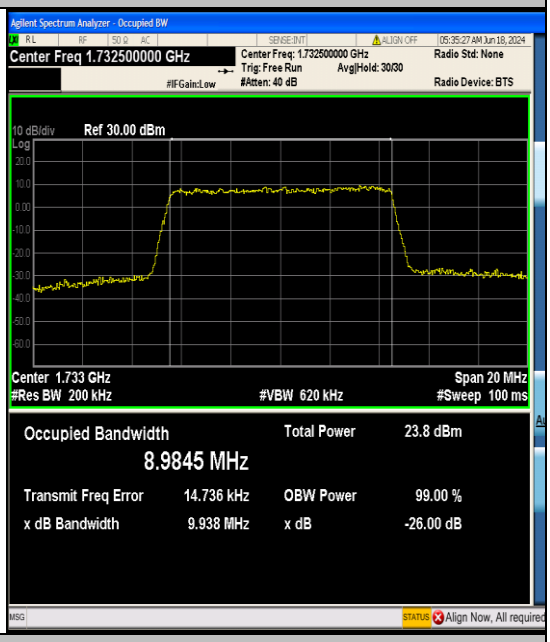


Band4-10MHz-QPSK-20000-50RB#0-PASS



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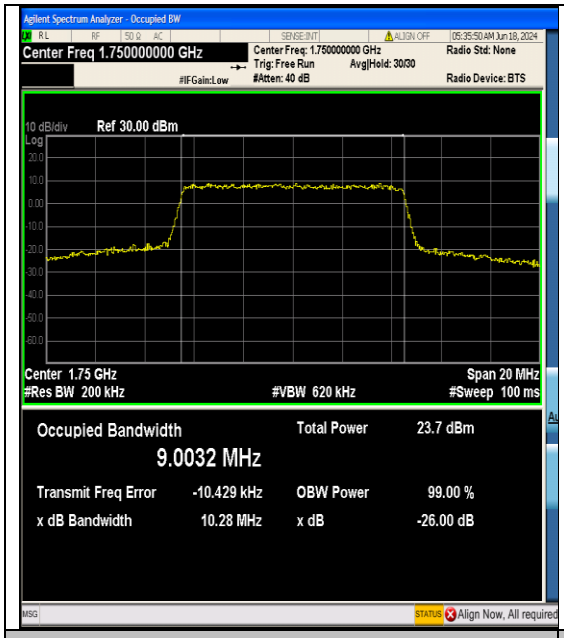

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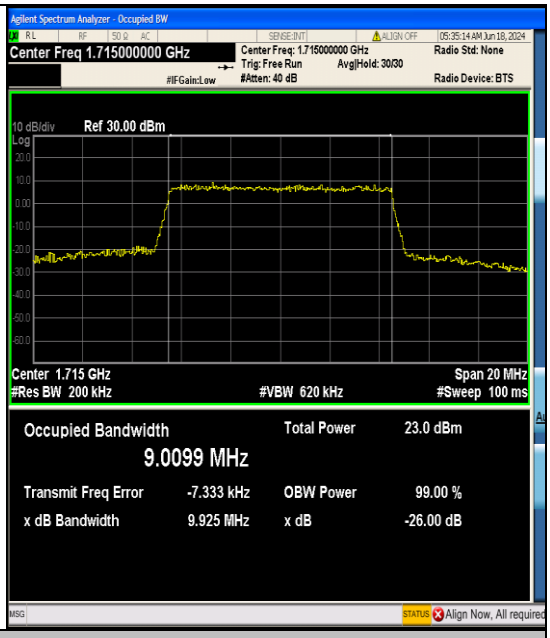
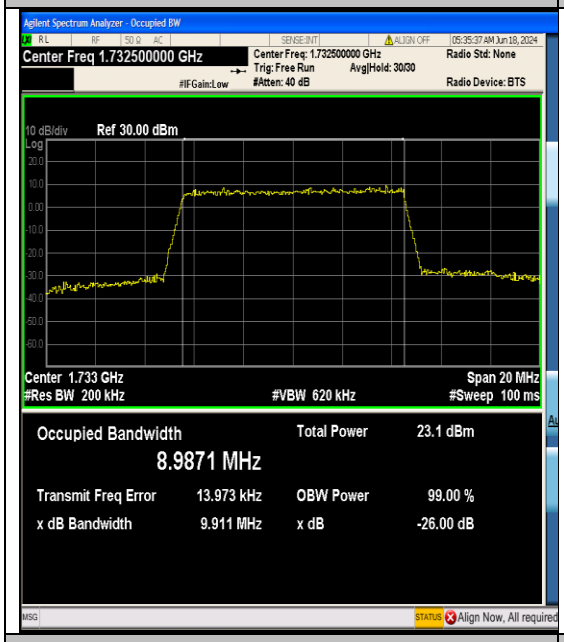
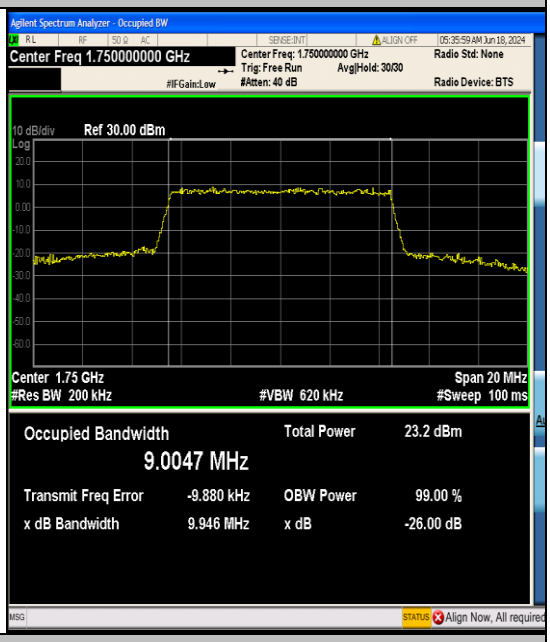


Band4-10MHz-16QAM-20000-50RB#0-PASS



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



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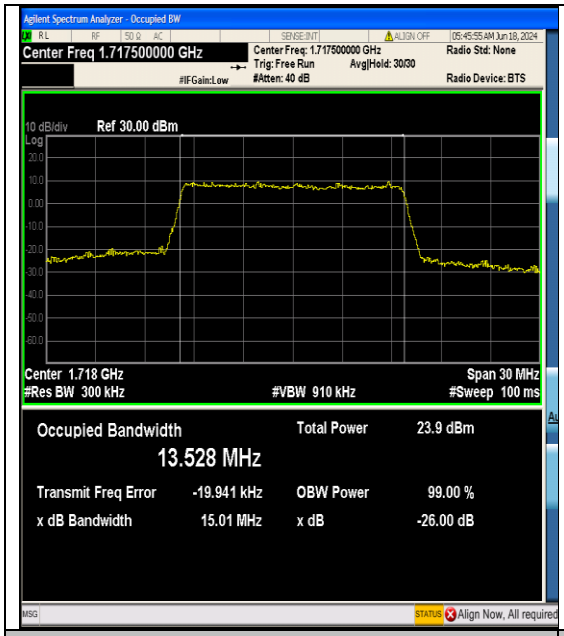
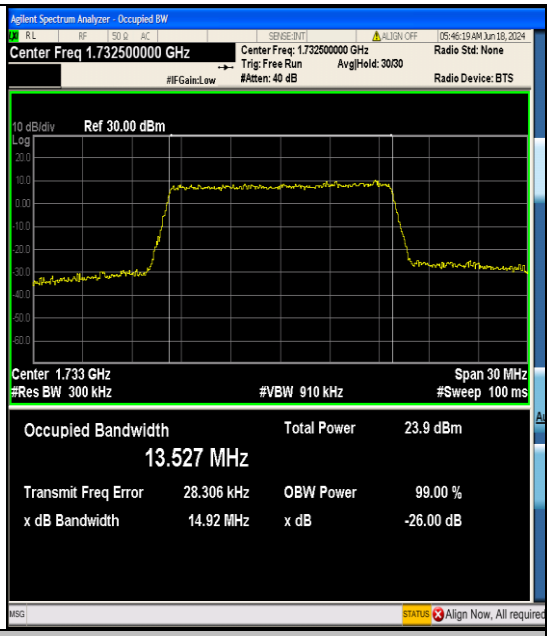
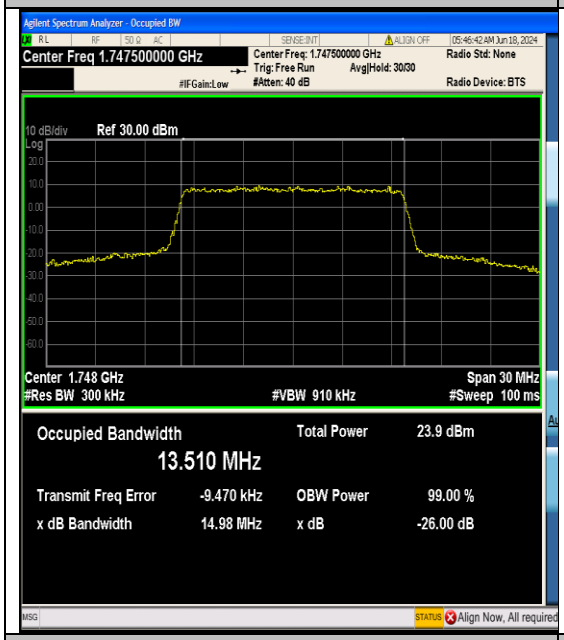


Band4-15MHz-QPSK-20025-75RB#0-PASS



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



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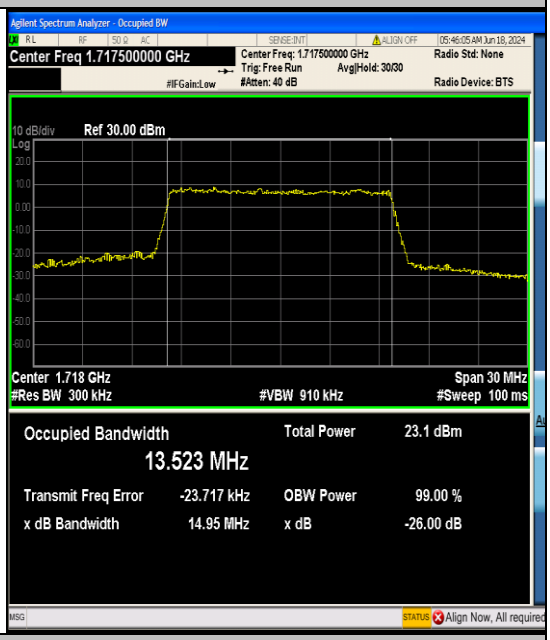

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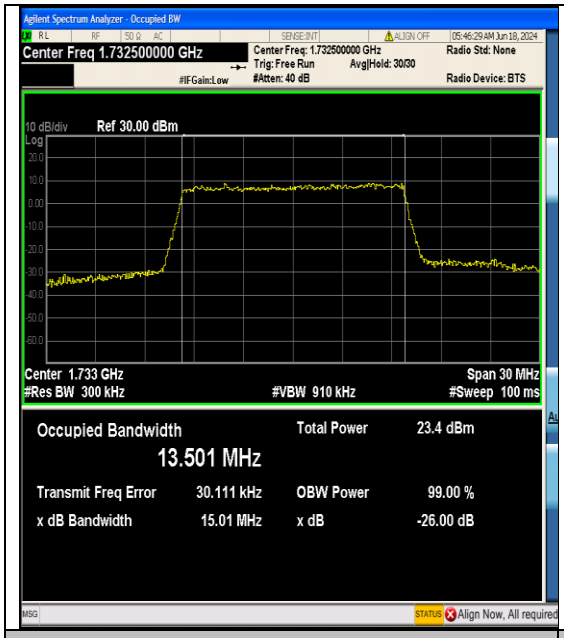

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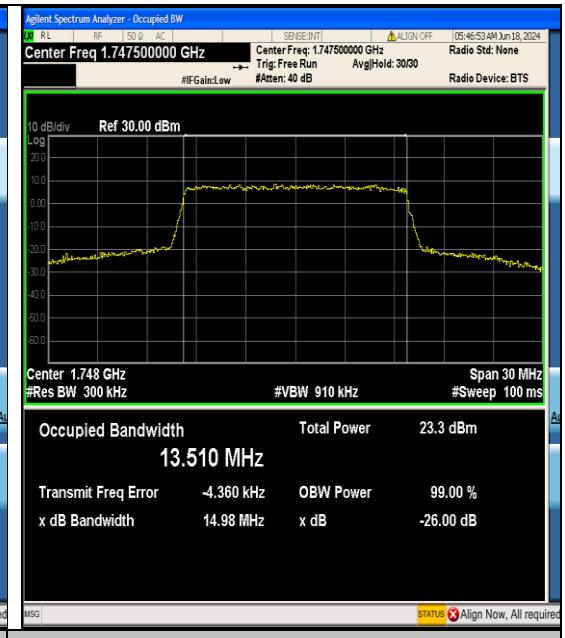

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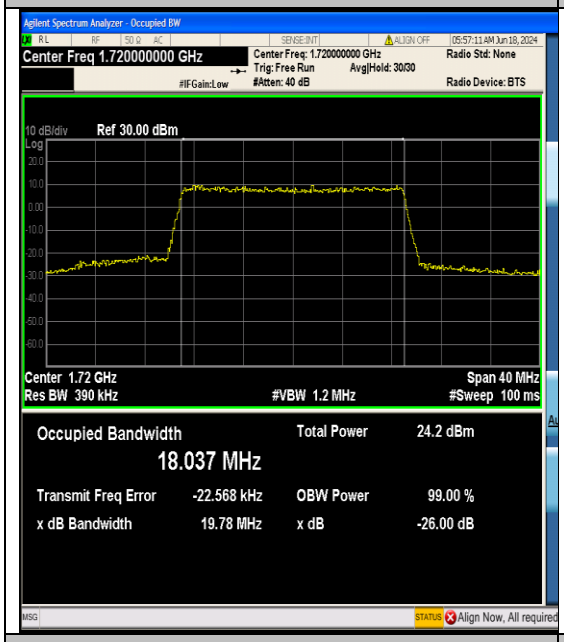
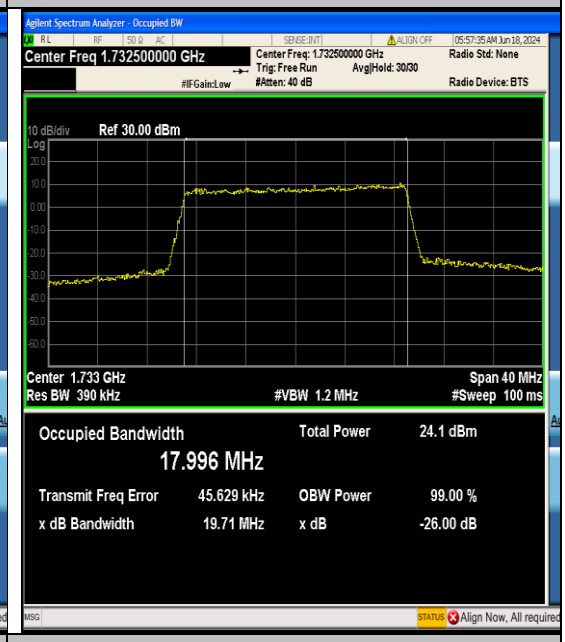
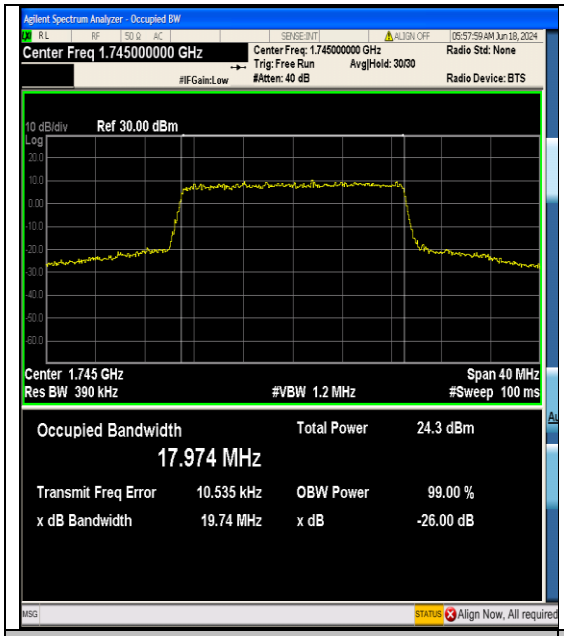


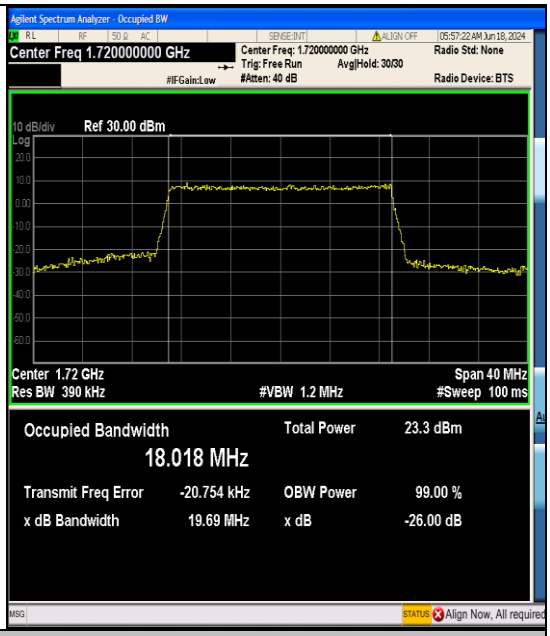
Band4-20MHz-QPSK-20050-100RB#0-PASS



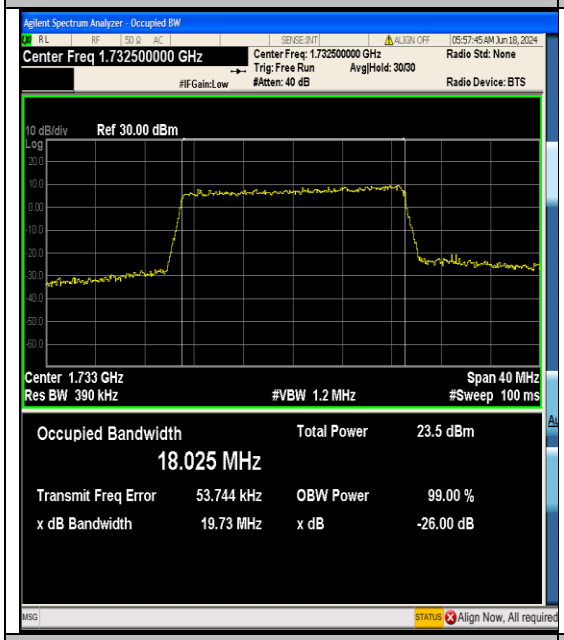
Band4-20MHz-QPSK-20175-100RB#0-PASS



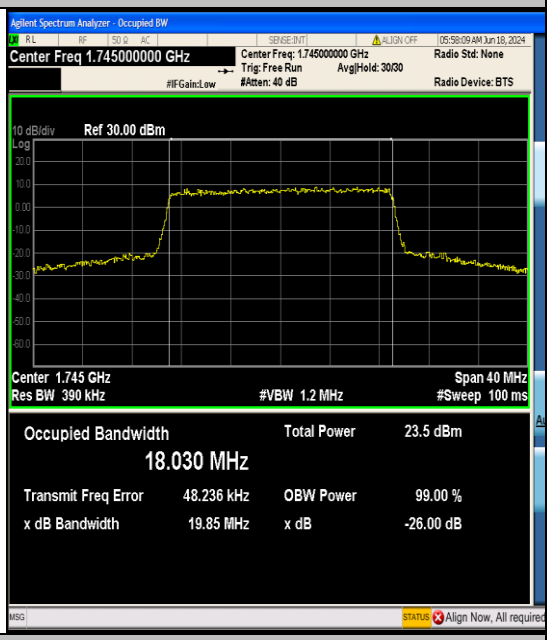
Band4-20MHz-QPSK-20300-100RB#0-PASS



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



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



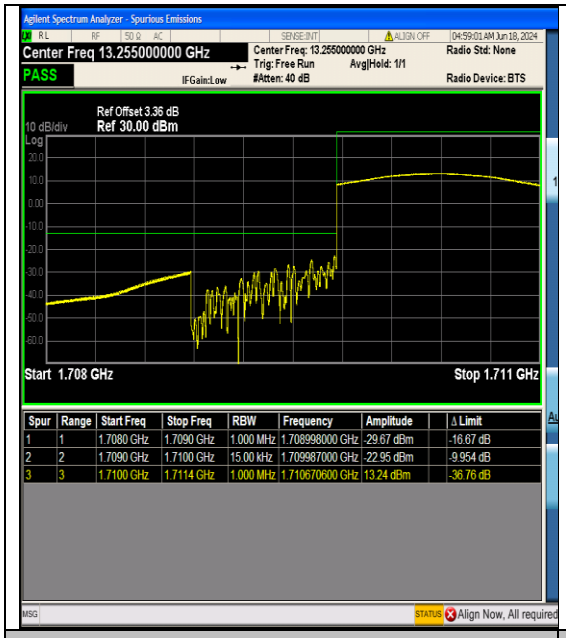
Band4-20MHz-16QAM-20300-100RB#0-PASS

Appendix D: Band Edge

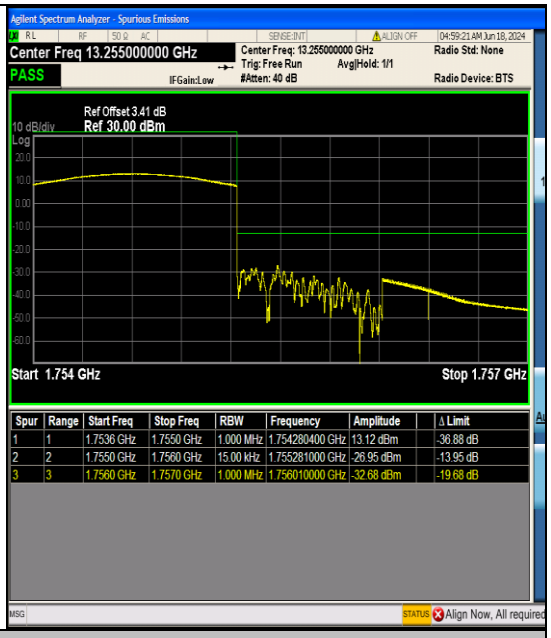
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-22.95	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-26.95	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-26.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-33.56	PASS
Band4	3MHz	QPSK	19965	15RB#0	-24.87	PASS
Band4	3MHz	QPSK	20385	15RB#0	-27.02	PASS
Band4	3MHz	16QAM	19965	15RB#0	-28.32	PASS
Band4	3MHz	16QAM	20385	15RB#0	-30.25	PASS
Band4	5MHz	QPSK	19975	25RB#0	-25.73	PASS
Band4	5MHz	QPSK	20375	25RB#0	-27.09	PASS
Band4	5MHz	16QAM	19975	25RB#0	-28.74	PASS
Band4	5MHz	16QAM	20375	25RB#0	-29.83	PASS
Band4	10MHz	QPSK	20000	50RB#0	-28.81	PASS
Band4	10MHz	QPSK	20350	50RB#0	-27.63	PASS
Band4	10MHz	16QAM	20000	50RB#0	-31.78	PASS
Band4	10MHz	16QAM	20350	50RB#0	-30.16	PASS
Band4	15MHz	QPSK	20025	75RB#0	-29.46	PASS
Band4	15MHz	QPSK	20325	75RB#0	-26.87	PASS
Band4	15MHz	16QAM	20025	75RB#0	-32.65	PASS
Band4	15MHz	16QAM	20325	75RB#0	-29.54	PASS
Band4	20MHz	QPSK	20050	100RB#0	-33.81	PASS
Band4	20MHz	QPSK	20300	100RB#0	-29.43	PASS
Band4	20MHz	16QAM	20050	100RB#0	-36.93	PASS
Band4	20MHz	16QAM	20300	100RB#0	-32.09	PASS

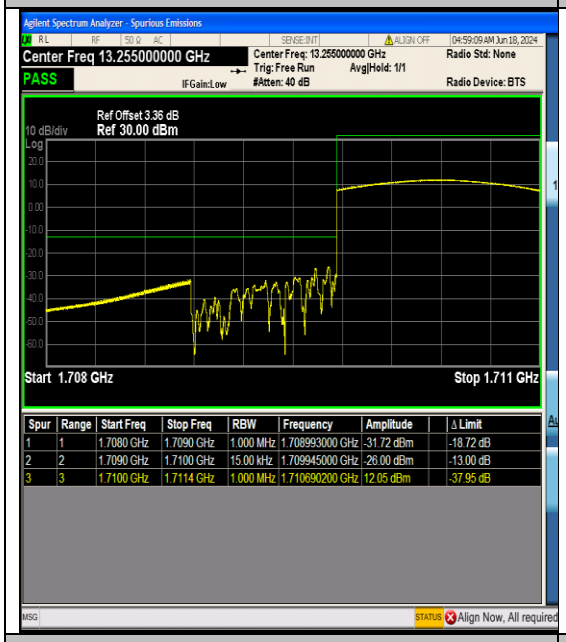
Test Graphs



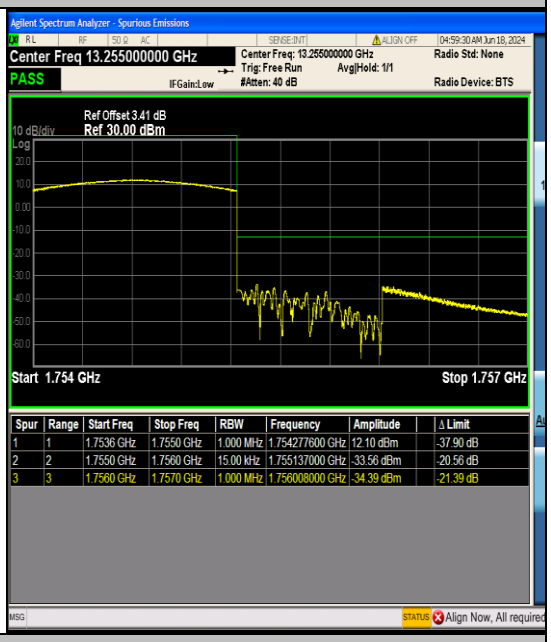
Band4_1.4MHz_QPSK_19957_6RB#0



Band4_1.4MHz_QPSK_20393_6RB#0



Band4_1.4MHz_16QAM_19957_6RB#0



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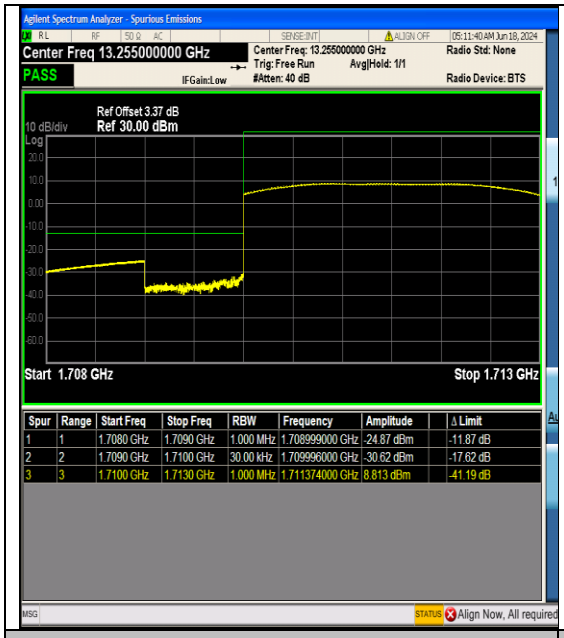
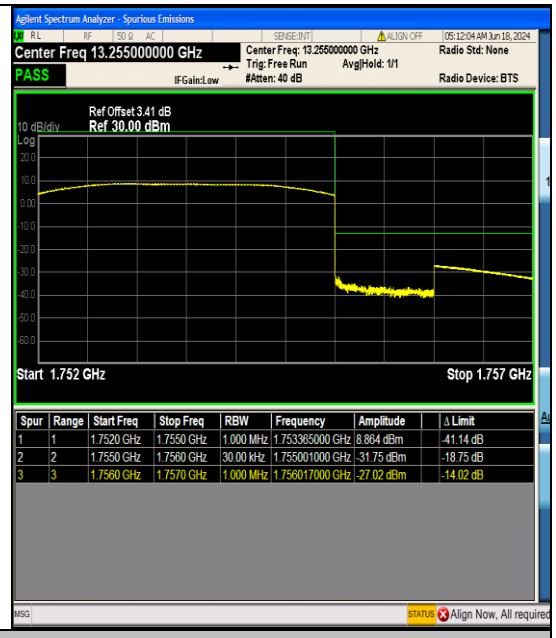


Band4_3MHz_QPSK_19965_15RB#0



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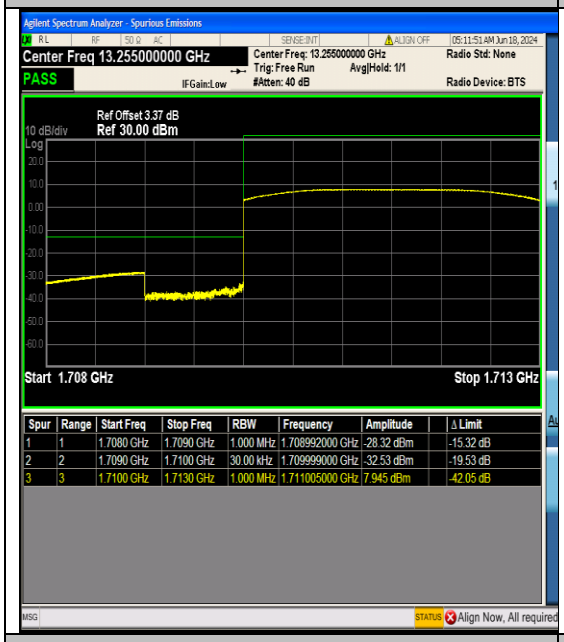
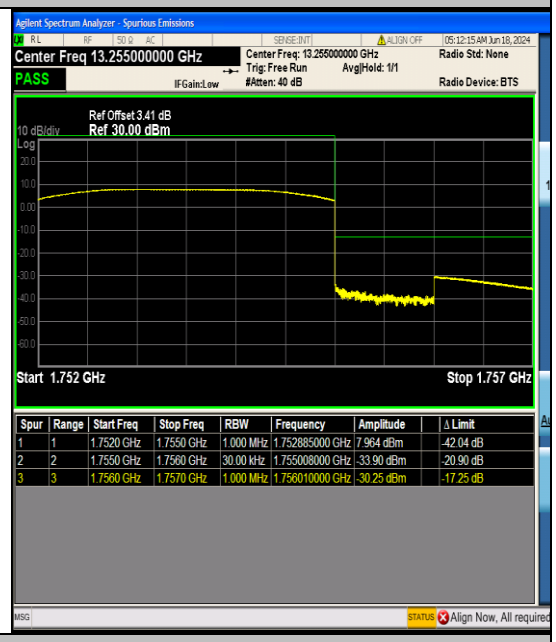


Band4_3MHz_16QAM_19965_15RB#0



Band4_3MHz_16QAM_20385_15RB#0