FCC Appendix RF Test Data for LTE

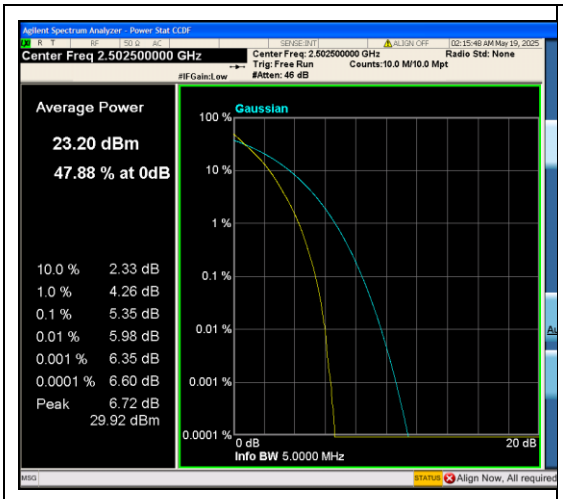
FCC ID	**:**	**2BPTB-CTAB14**
Company:	**:**	**LEON TRADE(H.K.)CO.,LIMITED.**
EUT	**:**	**14 inch Tablet**
Model Number	**:**	**Ctab 14**
Report No.	**:**	**CTA25050802504**
Reviewed By	**:**	**Eric Wang**

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

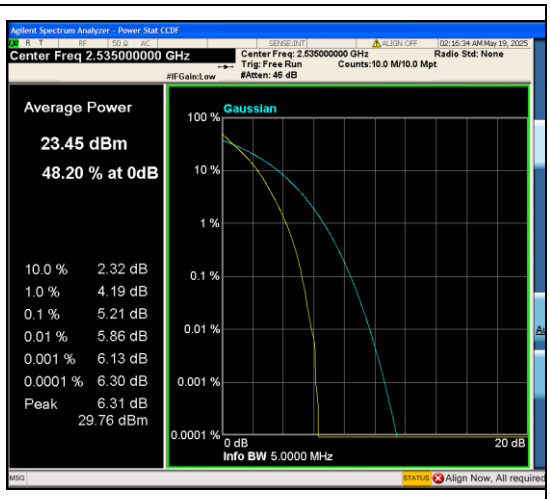
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	5.35	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.21	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.41	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.11	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.94	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	6.13	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.25	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.25	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.38	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.06	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	5.99	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.16	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.53	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.47	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.72	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.10	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.01	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.20	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.20	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.15	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.35	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.01	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.90	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.15	13	PASS

Test Graphs



Band7-5MHz-QPSK-20775-25RB#0-PASS



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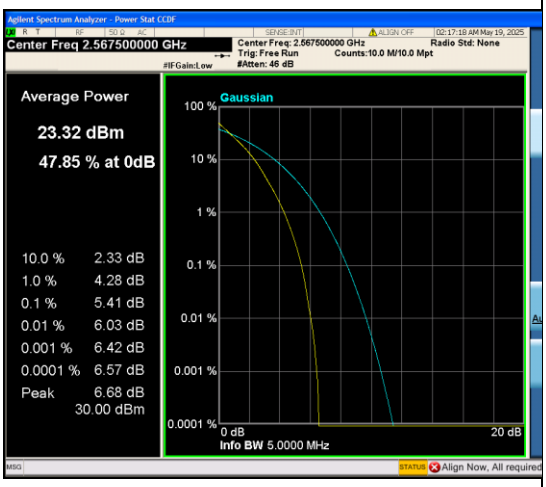

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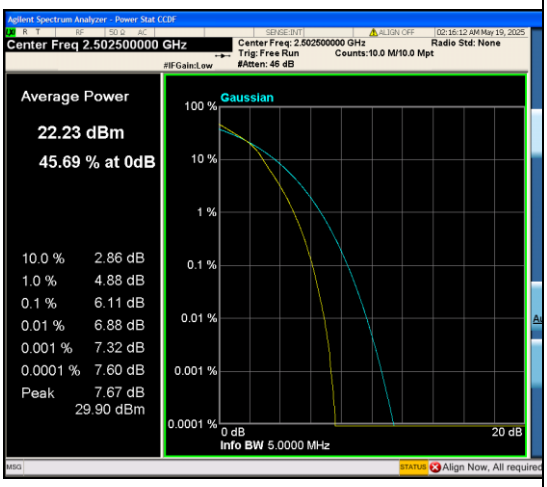
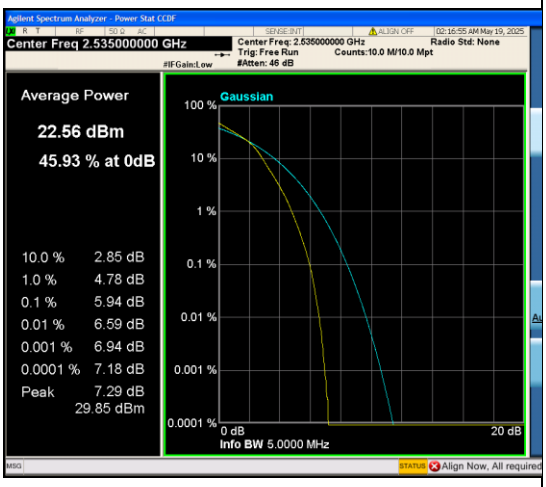


Band7-5MHz-16QAM-20775-25RB#0-PASS



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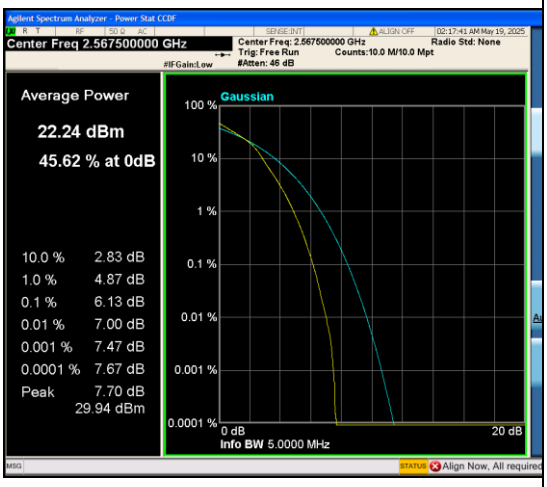

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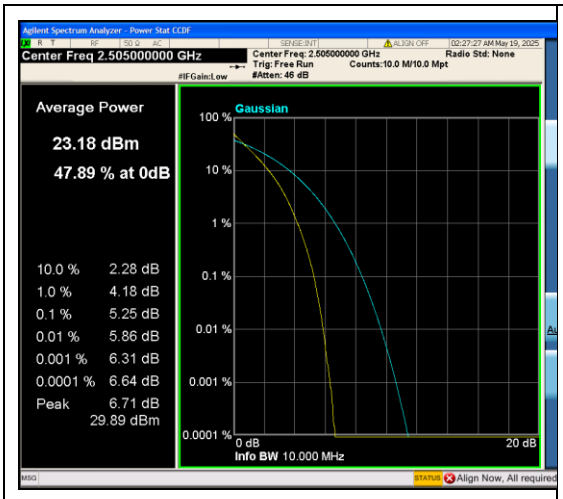
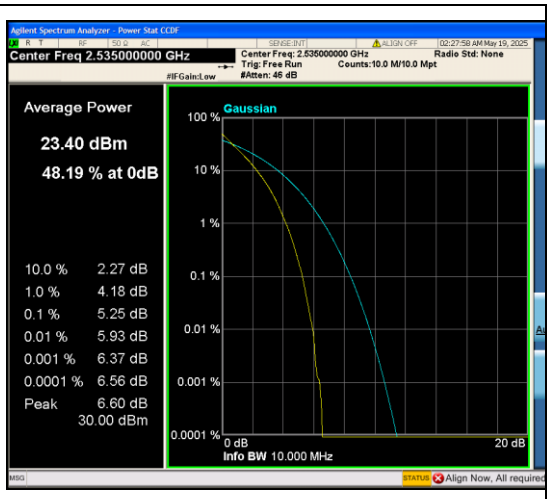


Band7-10MHz-QPSK-20800-50RB#0-PASS



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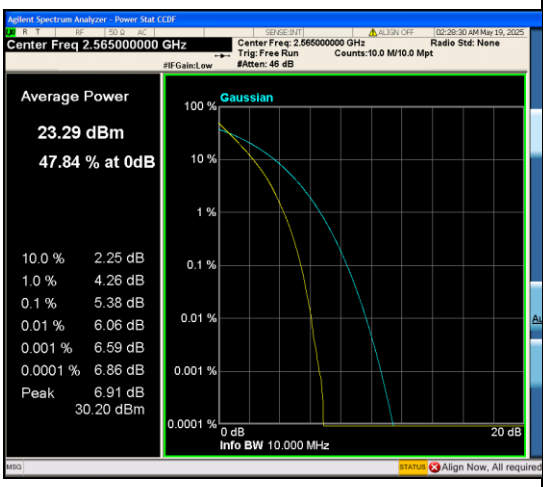

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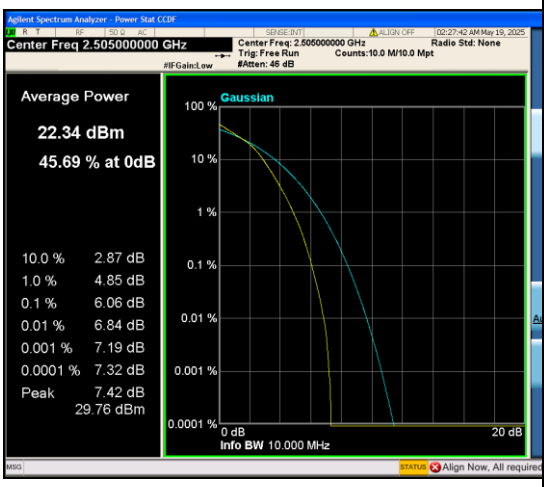

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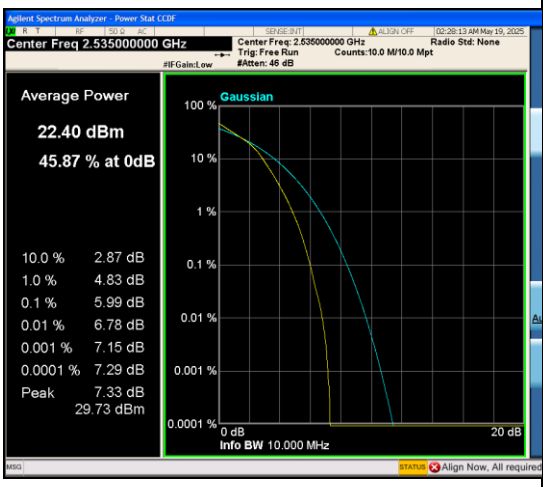

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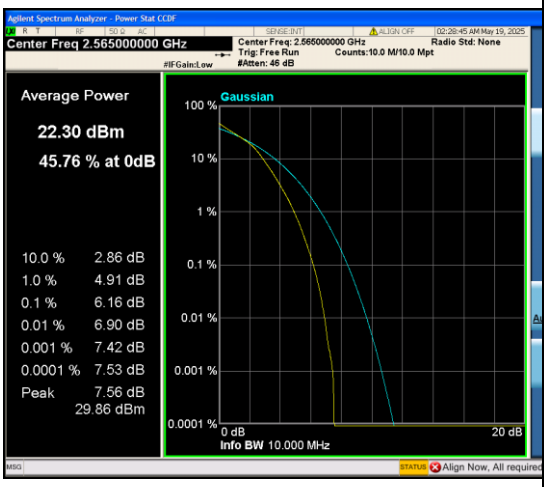

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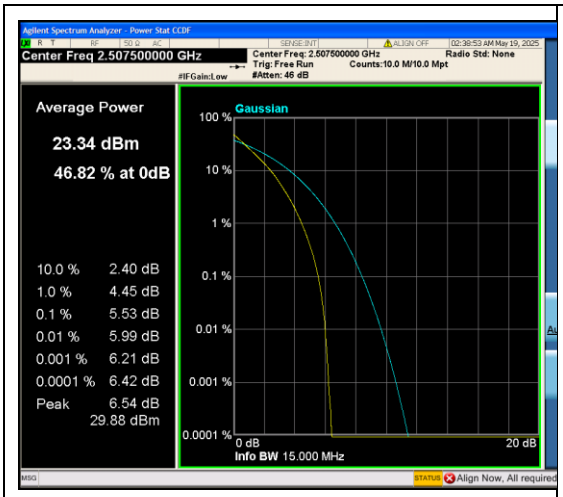
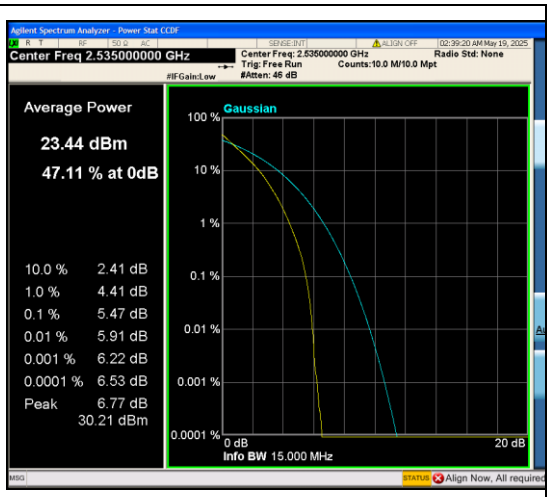
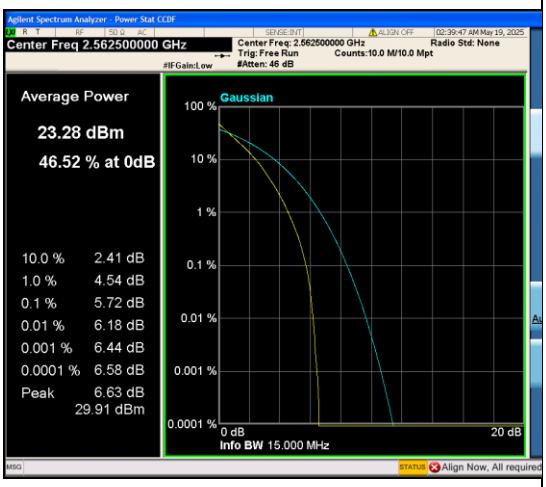


Band7-15MHz-QPSK-20825-75RB#0-PASS



Band7-15MHz-QPSK-21100-75RB#0-PASS



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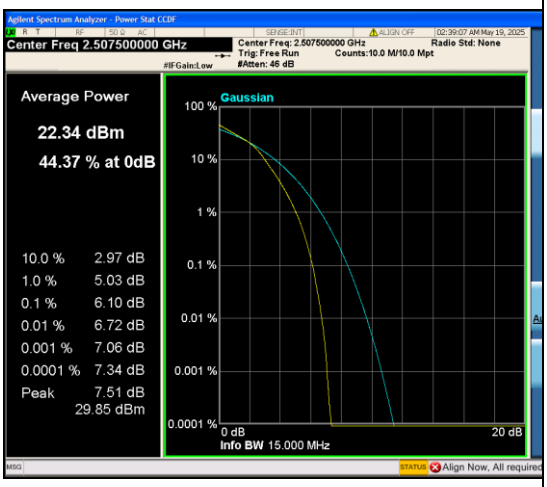

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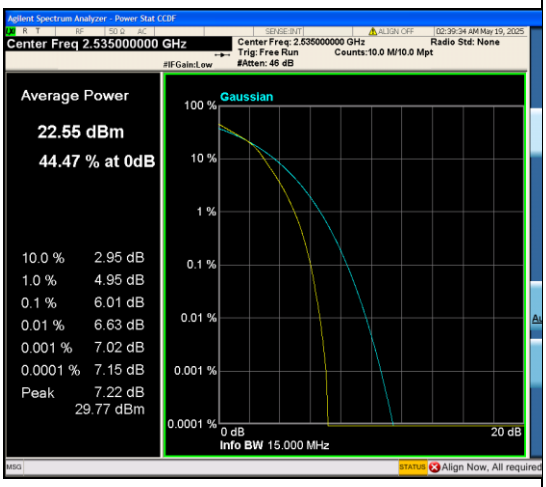

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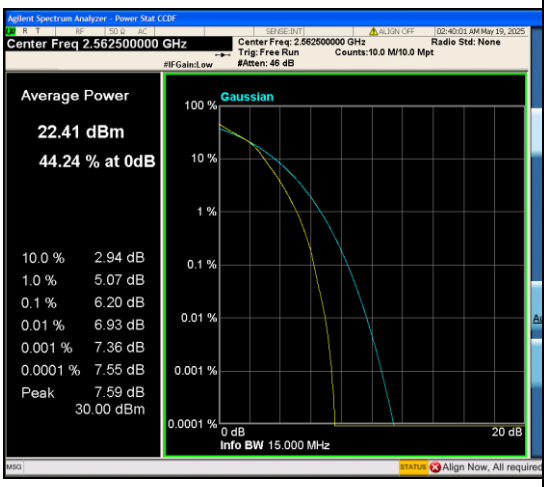

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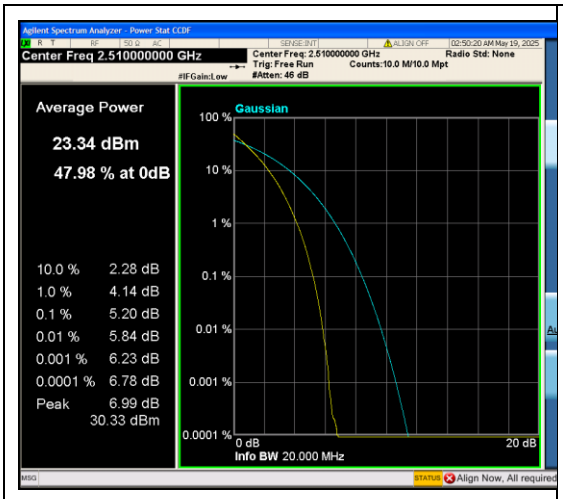
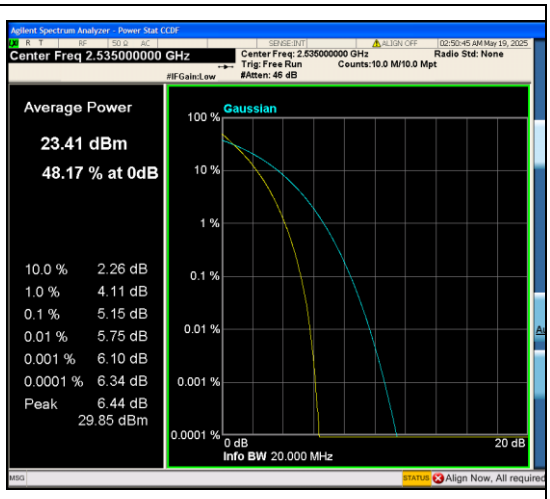


Band7-20MHz-QPSK-20850-100RB#0-PASS



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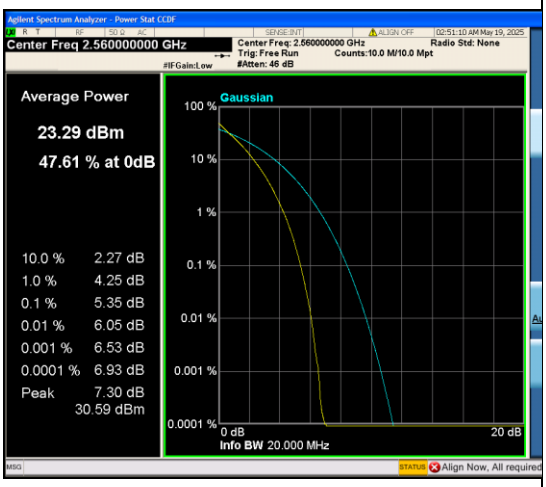
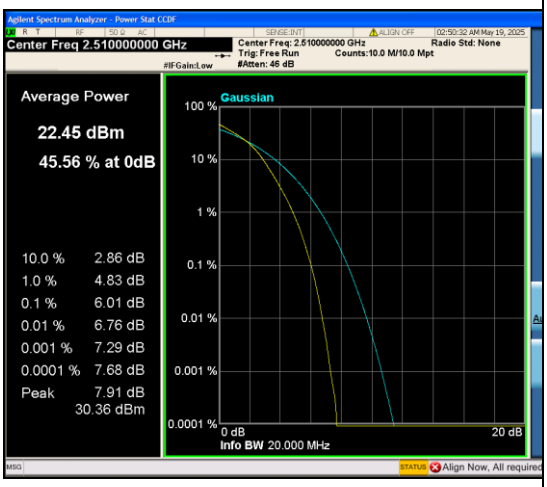


Band7-20MHz-QPSK-21350-100RB#0-PASS



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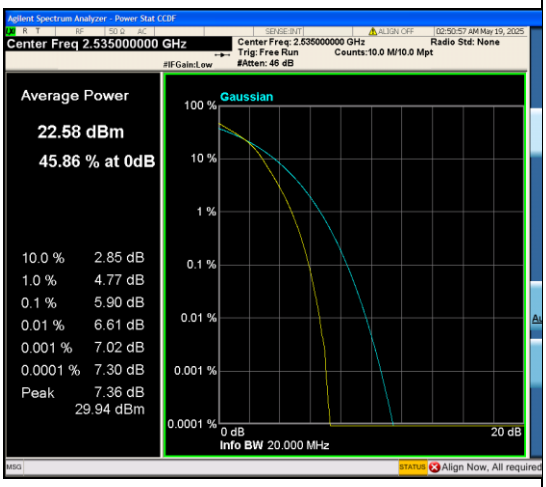

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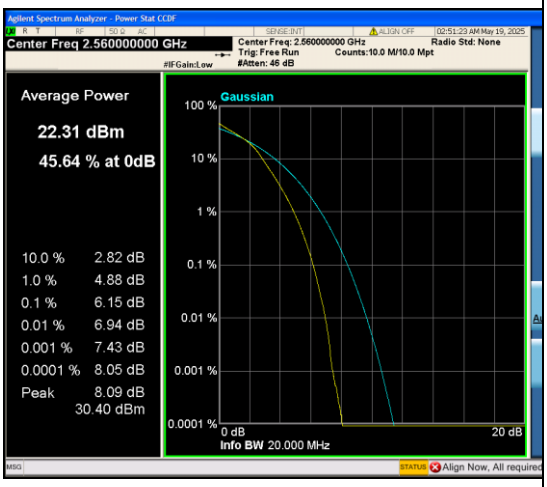


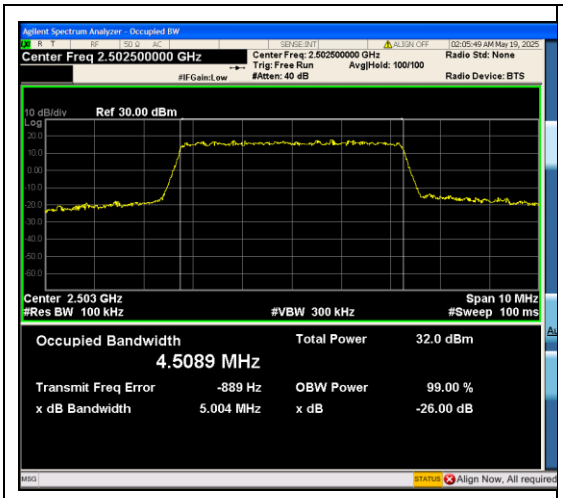
Band7-20MHz-16QAM-21350-100RB#0-PASS

Appendix C: 26dB Bandwidth and Occupied Bandwidth

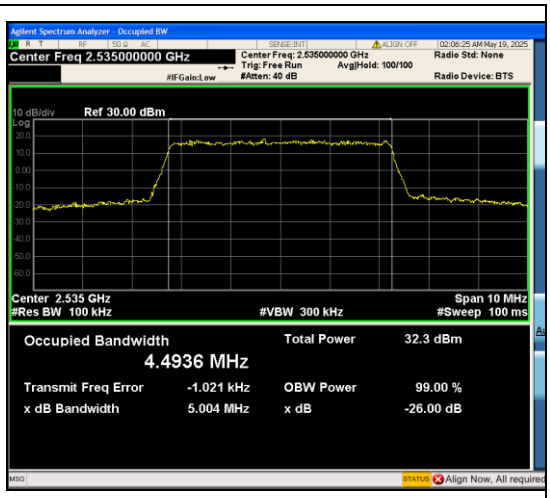
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5089	5.004	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4936	5.004	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4996	4.986	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4962	4.984	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5028	5.032	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5120	5.032	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9653	9.903	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9884	9.901	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9563	9.871	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9547	9.817	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9708	9.876	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9712	9.821	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.451	14.77	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.441	14.71	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.424	14.73	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.427	14.68	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.463	14.80	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.450	14.67	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.916	19.47	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.916	19.67	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.959	19.46	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.888	19.45	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.901	19.37	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.975	19.60	PASS

Test Graphs



Band7-5MHz-QPSK-20775-25RB#0-PASS



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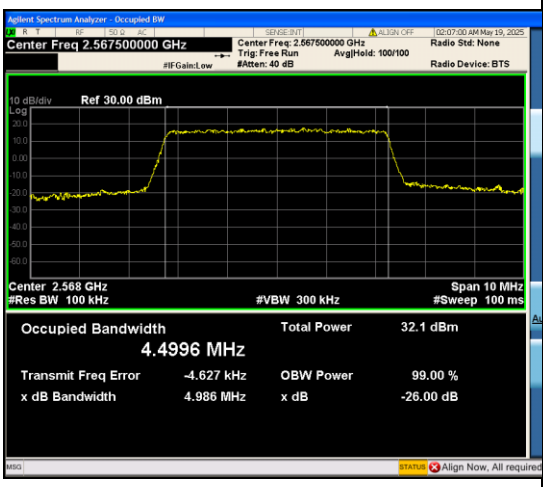
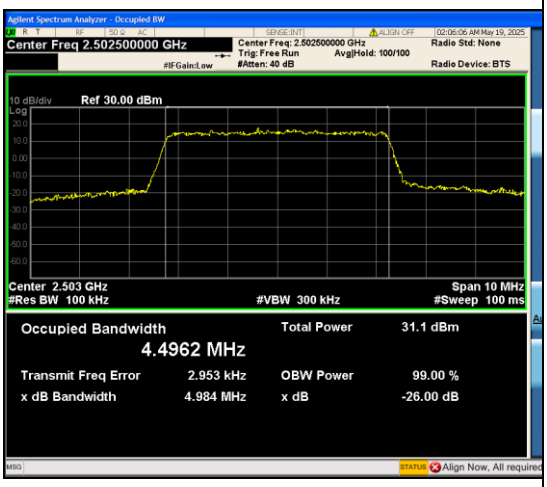
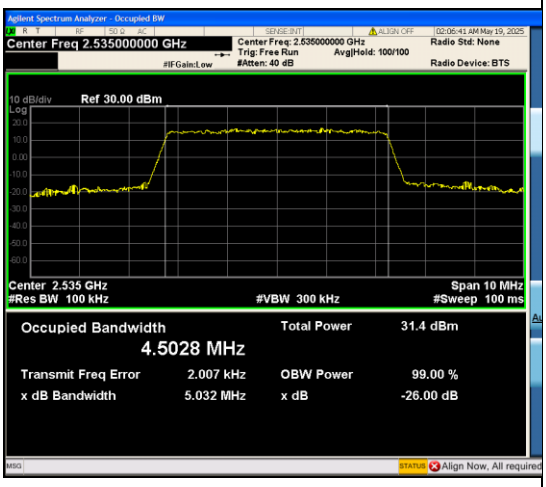


Band7-5MHz-QPSK-21425-25RB#0-PASS



Band7-5MHz-16QAM-20775-25RB#0-PASS



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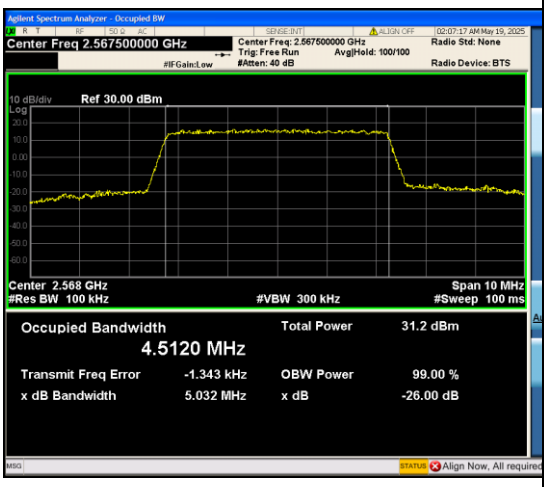
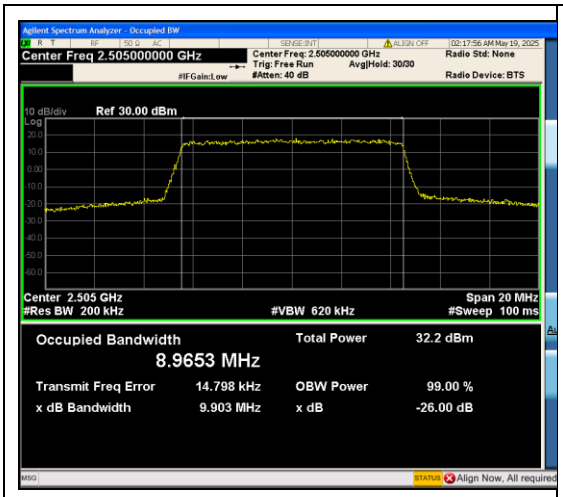
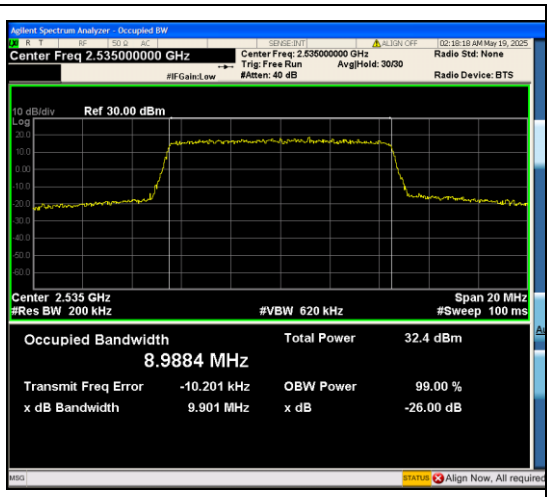


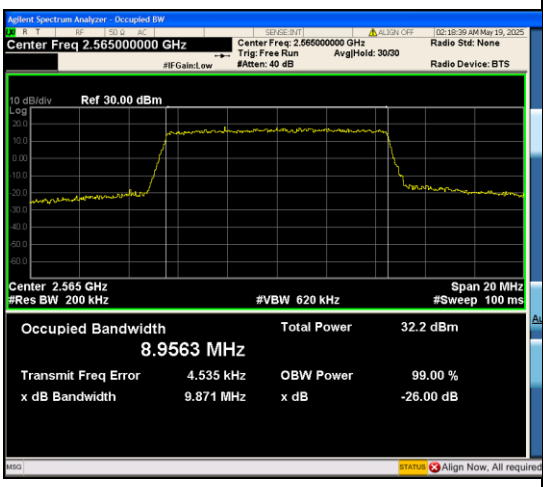
Band7-5MHz-16QAM-21425-25RB#0-PASS



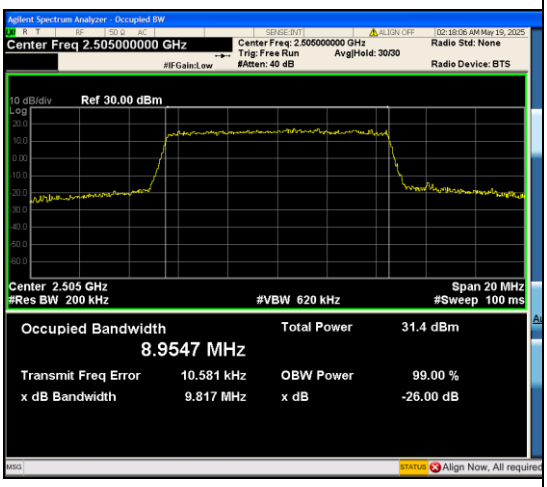
Band7-10MHz-QPSK-20800-50RB#0-PASS



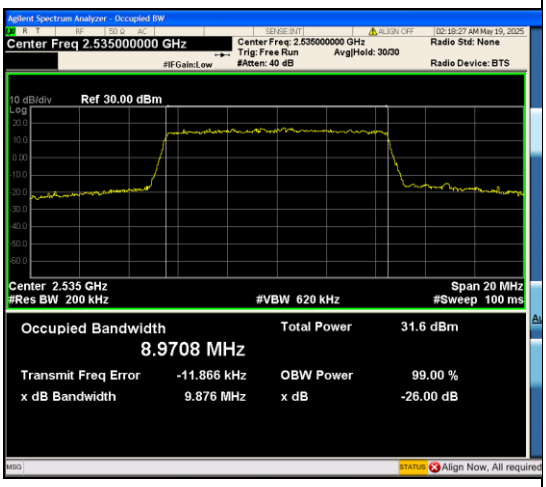
Band7-10MHz-QPSK-21100-50RB#0-PASS



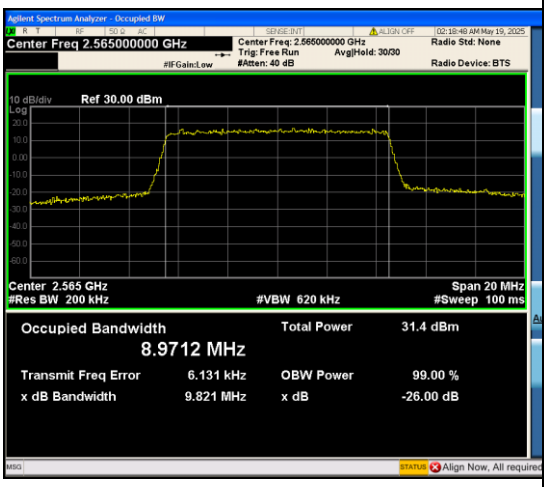
Band7-10MHz-QPSK-21400-50RB#0-PASS



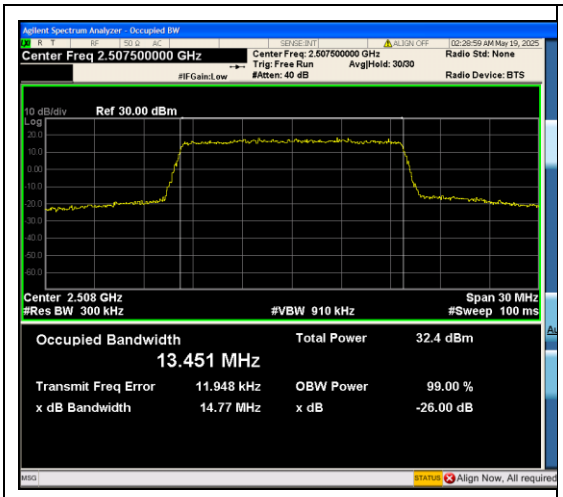
Band7-10MHz-16QAM-20800-50RB#0-PASS



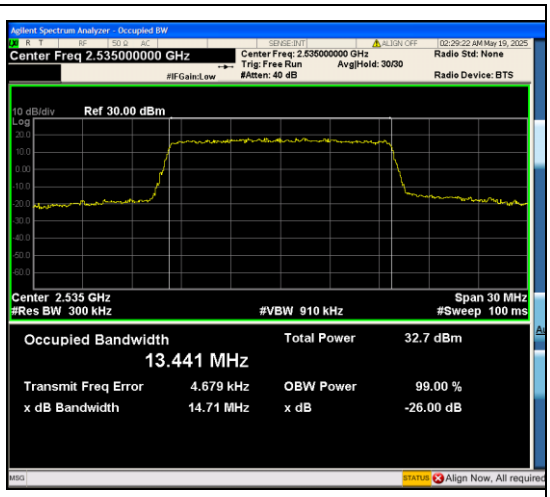
Band7-10MHz-16QAM-21100-50RB#0-PASS



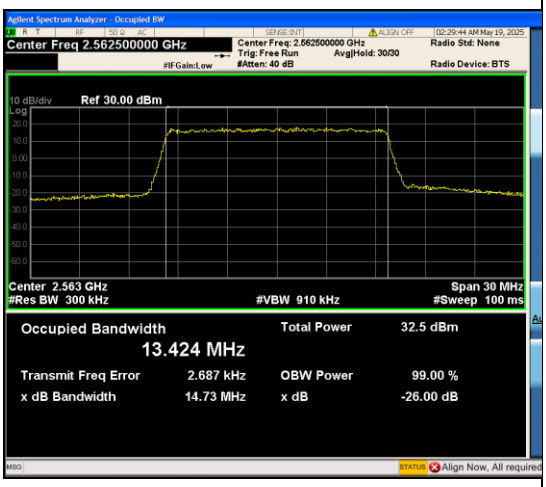
Band7-10MHz-16QAM-21400-50RB#0-PASS



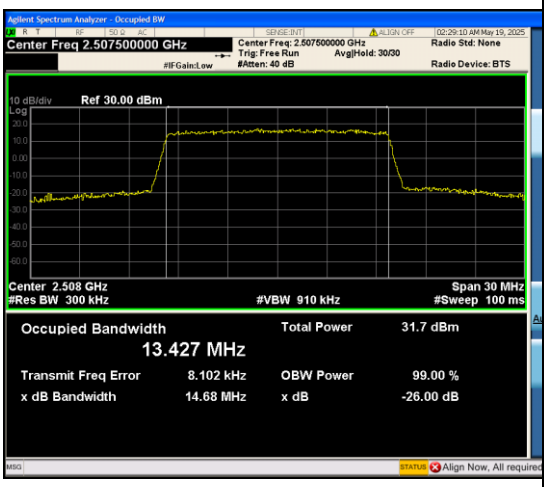
Band7-15MHz-QPSK-20825-75RB#0-PASS



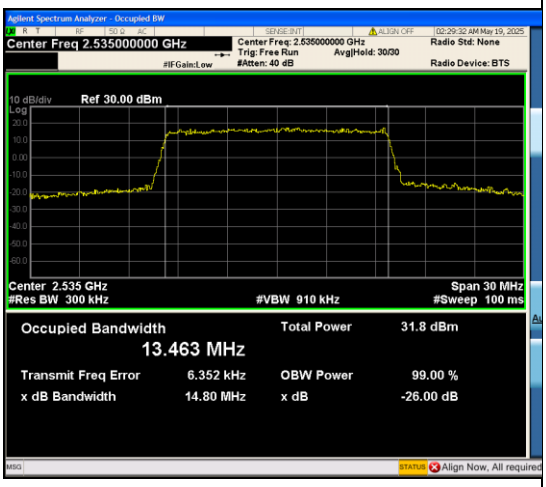
Band7-15MHz-QPSK-21100-75RB#0-PASS



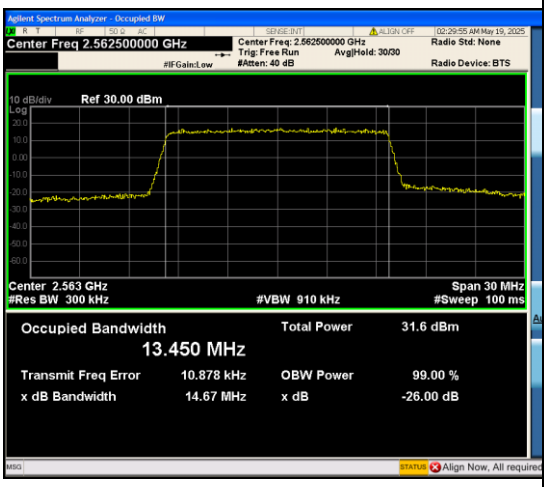
Band7-15MHz-QPSK-21375-75RB#0-PASS



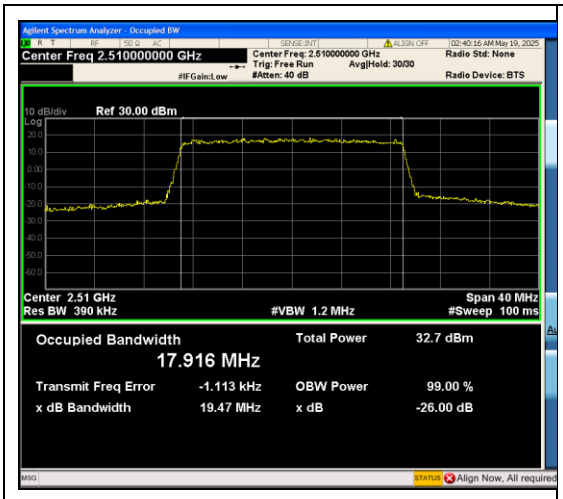
Band7-15MHz-16QAM-20825-75RB#0-PASS



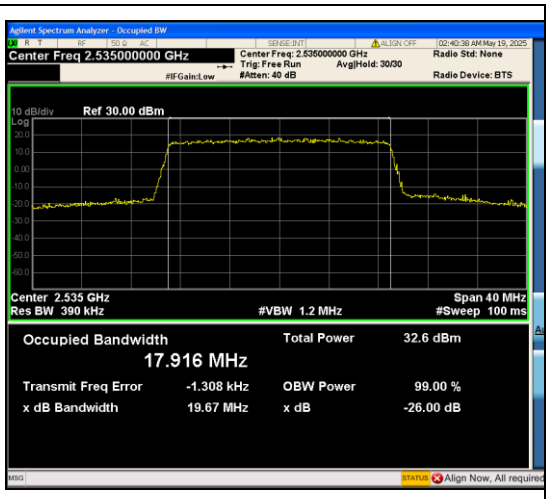
Band7-15MHz-16QAM-21100-75RB#0-PASS



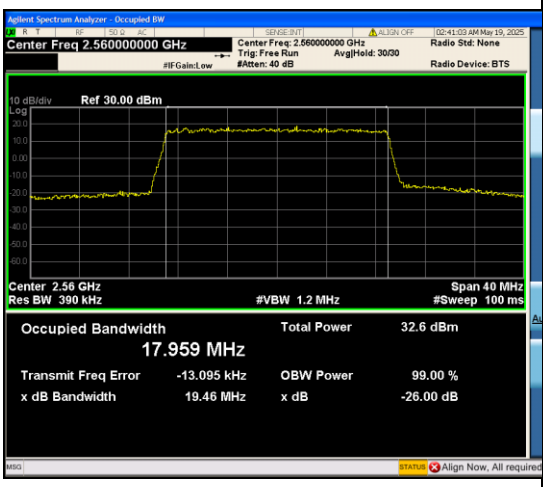
Band7-15MHz-16QAM-21375-75RB#0-PASS



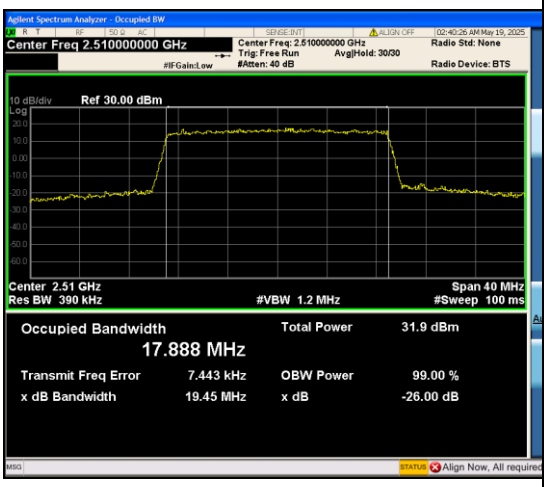
Band7-20MHz-QPSK-20850-100RB#0-PASS



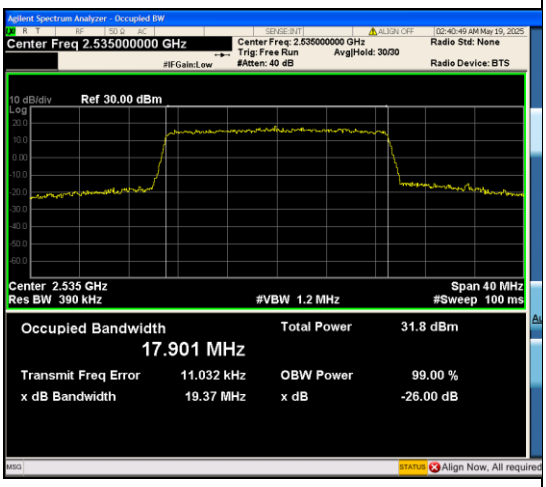
Band7-20MHz-QPSK-21100-100RB#0-PASS



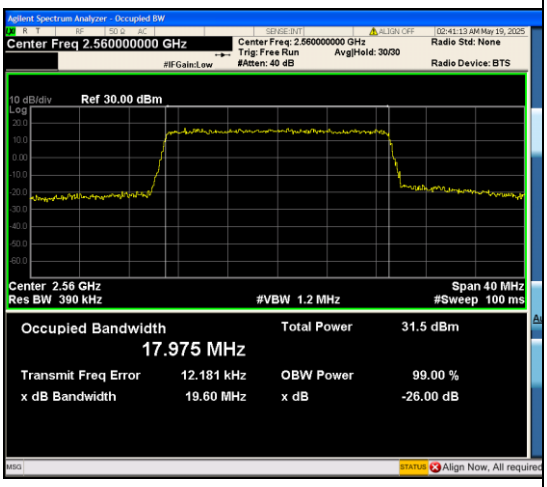
Band7-20MHz-QPSK-21350-100RB#0-PASS



Band7-20MHz-16QAM-20850-100RB#0-PASS



Band7-20MHz-16QAM-21100-100RB#0-PASS



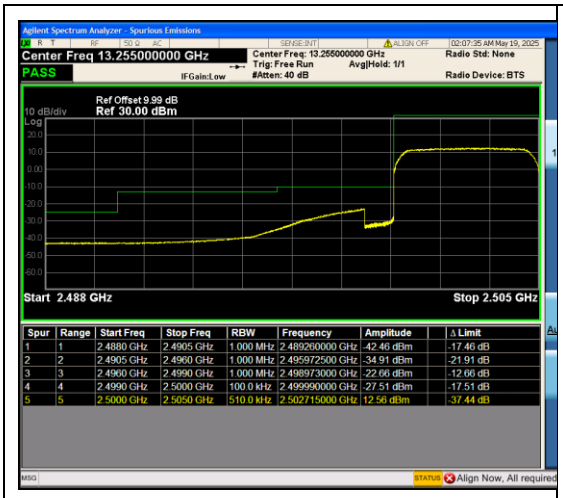
Band7-20MHz-16QAM-21350-100RB#0-PASS

Appendix D: Band Edge

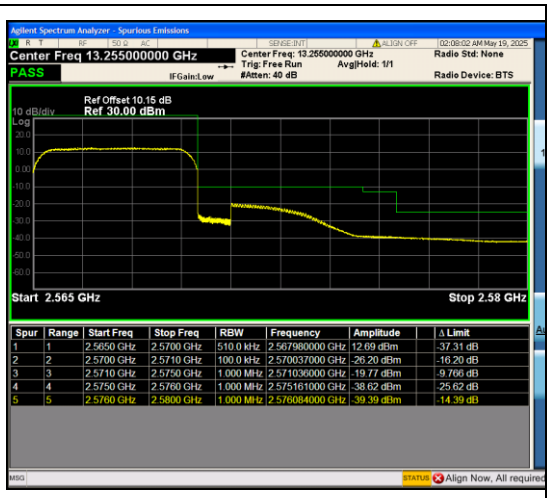
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	-22.66	PASS
Band7	5MHz	QPSK	21425	25RB#0	-19.77	PASS
Band7	5MHz	16QAM	20775	25RB#0	-24.33	PASS
Band7	5MHz	16QAM	21425	25RB#0	-21.13	PASS
Band7	10MHz	QPSK	20800	50RB#0	-24.39	PASS
Band7	10MHz	QPSK	21400	50RB#0	-23.20	PASS
Band7	10MHz	16QAM	20800	50RB#0	-26.23	PASS
Band7	10MHz	16QAM	21400	50RB#0	-24.96	PASS
Band7	15MHz	QPSK	20825	75RB#0	-24.93	PASS
Band7	15MHz	QPSK	21375	75RB#0	-22.82	PASS
Band7	15MHz	16QAM	20825	75RB#0	-26.85	PASS
Band7	15MHz	16QAM	21375	75RB#0	-27.38	PASS
Band7	20MHz	QPSK	20850	100RB#0	-27.15	PASS
Band7	20MHz	QPSK	21350	100RB#0	-24.55	PASS
Band7	20MHz	16QAM	20850	100RB#0	-43.03	PASS
Band7	20MHz	16QAM	21350	100RB#0	-26.01	PASS

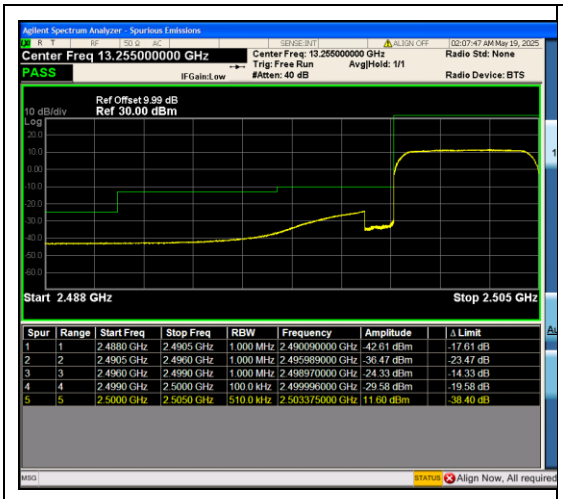
Test Graphs



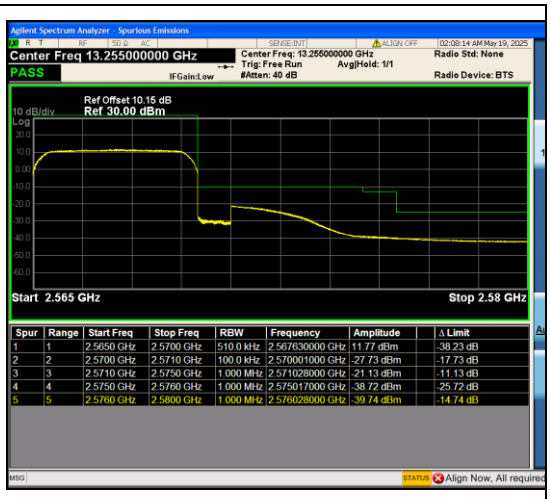
Band7_5MHz_QPSK_20775_25RB#0



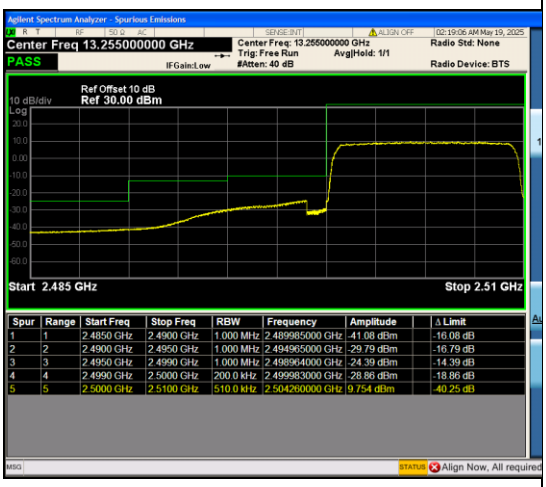
Band7_5MHz_QPSK_21425_25RB#0



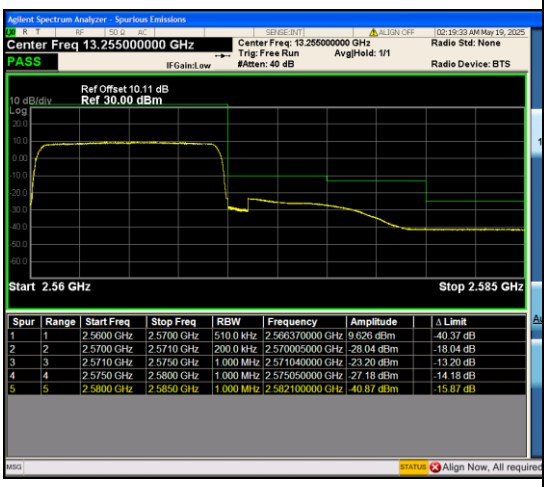
Band7_5MHz_16QAM_20775_25RB#0



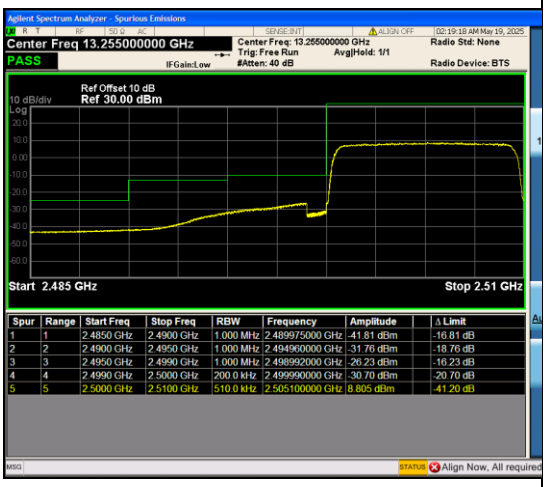
Band7_5MHz_16QAM_21425_25RB#0



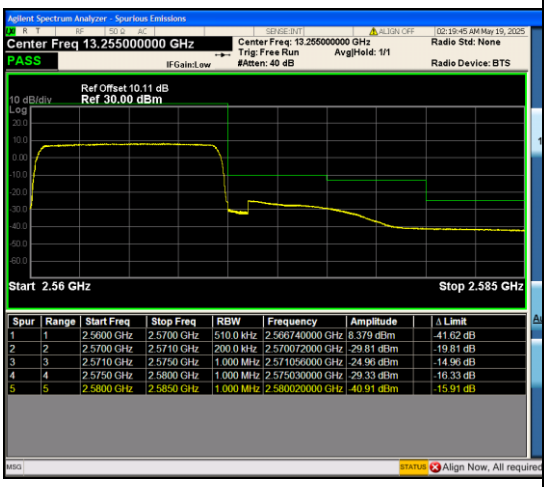
Band7_10MHz_QPSK_20800_50RB#0



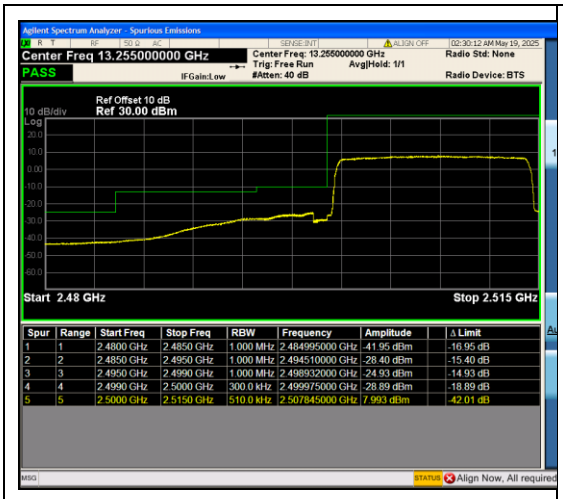
Band7_10MHz_QPSK_21400_50RB#0



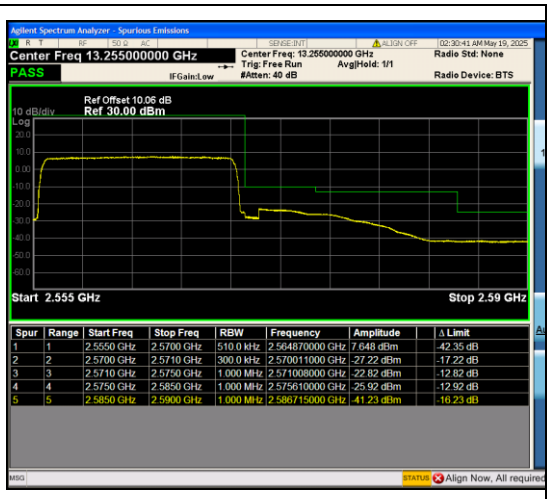
Band7_10MHz_16QAM_20800_50RB#0



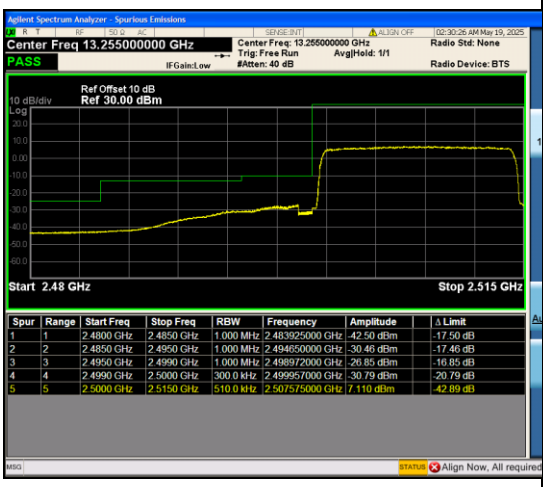
Band7_10MHz_16QAM_21400_50RB#0



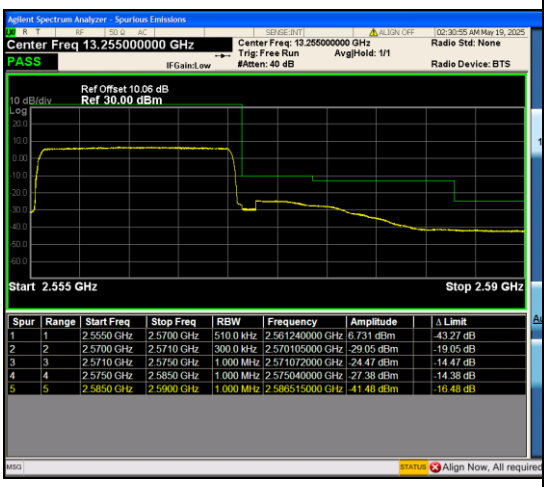
Band7_15MHz_QPSK_20825_75RB#0



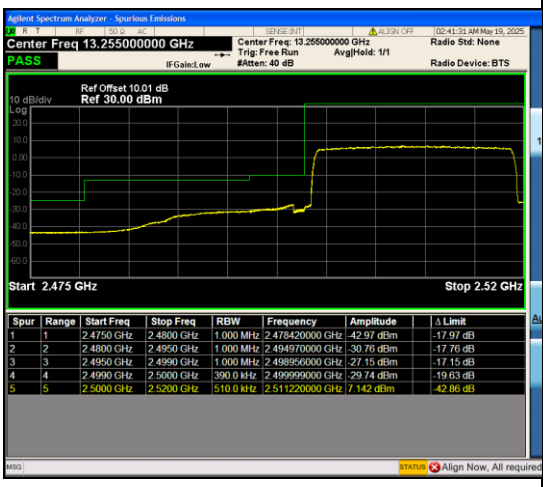
Band7_15MHz_QPSK_21375_75RB#0



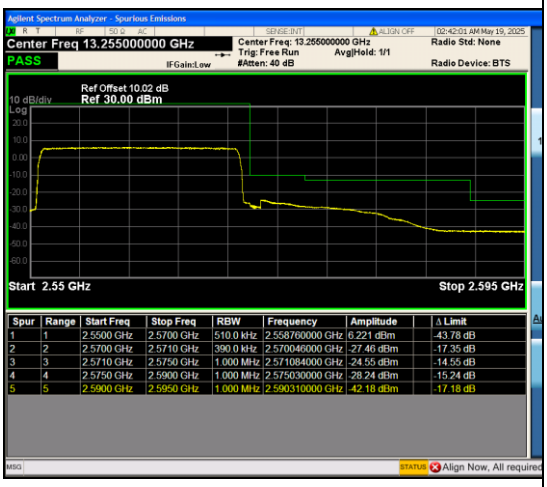
Band7_15MHz_16QAM_20825_75RB#0



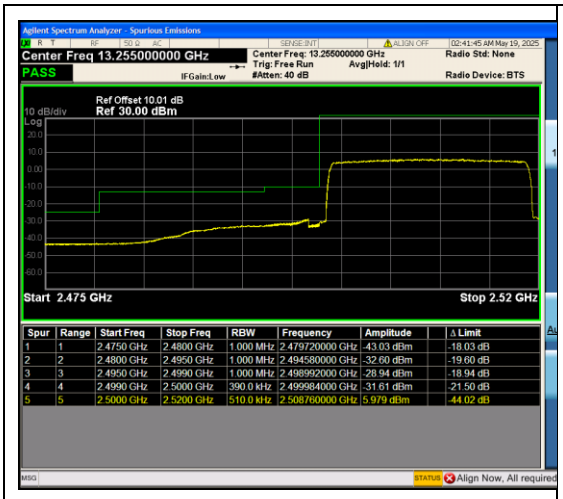
Band7_15MHz_16QAM_21375_75RB#0



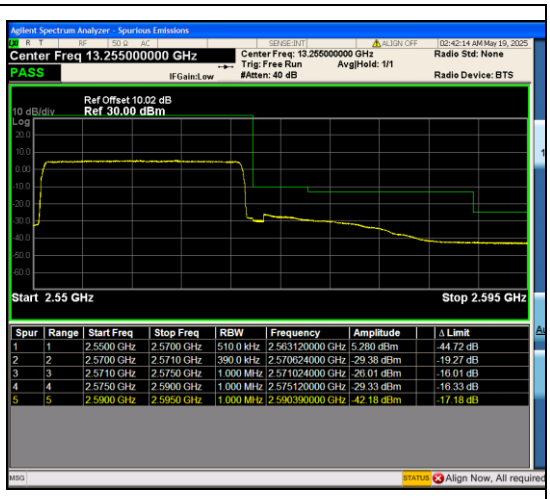
Band7_20MHz_QPSK_20850_100RB#0



Band7_20MHz_QPSK_21350_100RB#0



Band7_20MHz_16QAM_20850_100RB#0



Band7_20MHz_16QAM_21350_100RB#0

Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	0.009~0.15	-68.30	PASS
Band7	5MHz	QPSK	20775	25RB#0	0.15~30	-63.25	PASS
Band7	5MHz	QPSK	20775	25RB#0	30~1000	-61.52	PASS
Band7	5MHz	QPSK	20775	25RB#0	1000~20000	-38.49	PASS
Band7	5MHz	QPSK	20775	25RB#0	20000~27000	-32.02	PASS
Band7	5MHz	QPSK	21100	25RB#0	0.009~0.15	-65.26	PASS
Band7	5MHz	QPSK	21100	25RB#0	0.15~30	-62.22	PASS
Band7	5MHz	QPSK	21100	25RB#0	30~1000	-61.71	PASS
Band7	5MHz	QPSK	21100	25RB#0	1000~20000	-38.27	PASS
Band7	5MHz	QPSK	21100	25RB#0	20000~27000	-31.44	PASS
Band7	5MHz	QPSK	21425	25RB#0	0.009~0.15	-67.70	PASS
Band7	5MHz	QPSK	21425	25RB#0	0.15~30	-63.70	PASS
Band7	5MHz	QPSK	21425	25RB#0	30~1000	-61.84	PASS
Band7	5MHz	QPSK	21425	25RB#0	1000~20000	-36.68	PASS
Band7	5MHz	QPSK	21425	25RB#0	20000~27000	-31.85	PASS
Band7	5MHz	16QAM	20775	25RB#0	0.009~0.15	-66.97	PASS
Band7	5MHz	16QAM	20775	25RB#0	0.15~30	-63.34	PASS
Band7	5MHz	16QAM	20775	25RB#0	30~1000	-61.60	PASS
Band7	5MHz	16QAM	20775	25RB#0	1000~20000	-38.27	PASS
Band7	5MHz	16QAM	20775	25RB#0	20000~27000	-31.96	PASS
Band7	5MHz	16QAM	21100	25RB#0	0.009~0.15	-66.76	PASS
Band7	5MHz	16QAM	21100	25RB#0	0.15~30	-63.63	PASS
Band7	5MHz	16QAM	21100	25RB#0	30~1000	-61.64	PASS
Band7	5MHz	16QAM	21100	25RB#0	1000~20000	-38.23	PASS
Band7	5MHz	16QAM	21100	25RB#0	20000~27000	-31.79	PASS
Band7	5MHz	16QAM	21425	25RB#0	0.009~0.15	-66.33	PASS
Band7	5MHz	16QAM	21425	25RB#0	0.15~30	-64.26	PASS
Band7	5MHz	16QAM	21425	25RB#0	30~1000	-61.78	PASS
Band7	5MHz	16QAM	21425	25RB#0	1000~20000	-38.29	PASS
Band7	5MHz	16QAM	21425	25RB#0	20000~27000	-31.91	PASS
Band7	10MHz	QPSK	20800	50RB#0	0.009~0.15	-66.40	PASS
Band7	10MHz	QPSK	20800	50RB#0	0.15~30	-65.74	PASS
Band7	10MHz	QPSK	20800	50RB#0	30~1000	-61.69	PASS
Band7	10MHz	QPSK	20800	50RB#0	1000~20000	-38.59	PASS
Band7	10MHz	QPSK	20800	50RB#0	20000~27000	-31.77	PASS
Band7	10MHz	QPSK	21100	50RB#0	0.009~0.15	-67.03	PASS

Band7	10MHz	QPSK	21100	50RB#0	0.15~30	-63.21	PASS
Band7	10MHz	QPSK	21100	50RB#0	30~1000	-61.43	PASS
Band7	10MHz	QPSK	21100	50RB#0	1000~20000	-38.54	PASS
Band7	10MHz	QPSK	21100	50RB#0	20000~27000	-31.95	PASS
Band7	10MHz	QPSK	21400	50RB#0	0.009~0.15	-67.19	PASS
Band7	10MHz	QPSK	21400	50RB#0	0.15~30	-64.15	PASS
Band7	10MHz	QPSK	21400	50RB#0	30~1000	-61.52	PASS
Band7	10MHz	QPSK	21400	50RB#0	1000~20000	-38.28	PASS
Band7	10MHz	QPSK	21400	50RB#0	20000~27000	-31.91	PASS
Band7	10MHz	16QAM	20800	50RB#0	0.009~0.15	-65.51	PASS
Band7	10MHz	16QAM	20800	50RB#0	0.15~30	-62.71	PASS
Band7	10MHz	16QAM	20800	50RB#0	30~1000	-61.42	PASS
Band7	10MHz	16QAM	20800	50RB#0	1000~20000	-38.35	PASS
Band7	10MHz	16QAM	20800	50RB#0	20000~27000	-31.59	PASS
Band7	10MHz	16QAM	21100	50RB#0	0.009~0.15	-68.53	PASS
Band7	10MHz	16QAM	21100	50RB#0	0.15~30	-63.63	PASS
Band7	10MHz	16QAM	21100	50RB#0	30~1000	-61.59	PASS
Band7	10MHz	16QAM	21100	50RB#0	1000~20000	-38.47	PASS
Band7	10MHz	16QAM	21100	50RB#0	20000~27000	-31.88	PASS
Band7	10MHz	16QAM	21400	50RB#0	0.009~0.15	-64.43	PASS
Band7	10MHz	16QAM	21400	50RB#0	0.15~30	-61.79	PASS
Band7	10MHz	16QAM	21400	50RB#0	30~1000	-61.53	PASS
Band7	10MHz	16QAM	21400	50RB#0	1000~20000	-37.94	PASS
Band7	10MHz	16QAM	21400	50RB#0	20000~27000	-31.86	PASS
Band7	15MHz	QPSK	20825	75RB#0	0.009~0.15	-65.17	PASS
Band7	15MHz	QPSK	20825	75RB#0	0.15~30	-64.92	PASS
Band7	15MHz	QPSK	20825	75RB#0	30~1000	-61.37	PASS
Band7	15MHz	QPSK	20825	75RB#0	1000~20000	-38.26	PASS
Band7	15MHz	QPSK	20825	75RB#0	20000~27000	-32.06	PASS
Band7	15MHz	QPSK	21100	75RB#0	0.009~0.15	-69.07	PASS
Band7	15MHz	QPSK	21100	75RB#0	0.15~30	-63.09	PASS
Band7	15MHz	QPSK	21100	75RB#0	30~1000	-61.66	PASS
Band7	15MHz	QPSK	21100	75RB#0	1000~20000	-38.12	PASS
Band7	15MHz	QPSK	21100	75RB#0	20000~27000	-31.74	PASS
Band7	15MHz	QPSK	21375	75RB#0	0.009~0.15	-66.75	PASS
Band7	15MHz	QPSK	21375	75RB#0	0.15~30	-61.90	PASS
Band7	15MHz	QPSK	21375	75RB#0	30~1000	-61.88	PASS
Band7	15MHz	QPSK	21375	75RB#0	1000~20000	-38.77	PASS
Band7	15MHz	QPSK	21375	75RB#0	20000~27000	-31.82	PASS
Band7	15MHz	16QAM	20825	75RB#0	0.009~0.15	-67.14	PASS
Band7	15MHz	16QAM	20825	75RB#0	0.15~30	-64.48	PASS
Band7	15MHz	16QAM	20825	75RB#0	30~1000	-61.67	PASS
Band7	15MHz	16QAM	20825	75RB#0	1000~20000	-37.94	PASS

Band7	15MHz	16QAM	20825	75RB#0	20000~27000	-31.83	PASS
Band7	15MHz	16QAM	21100	75RB#0	0.009~0.15	-67.83	PASS
Band7	15MHz	16QAM	21100	75RB#0	0.15~30	-62.56	PASS
Band7	15MHz	16QAM	21100	75RB#0	30~1000	-61.77	PASS
Band7	15MHz	16QAM	21100	75RB#0	1000~20000	-38.10	PASS
Band7	15MHz	16QAM	21100	75RB#0	20000~27000	-31.76	PASS
Band7	15MHz	16QAM	21375	75RB#0	0.009~0.15	-66.61	PASS
Band7	15MHz	16QAM	21375	75RB#0	0.15~30	-62.93	PASS
Band7	15MHz	16QAM	21375	75RB#0	30~1000	-61.41	PASS
Band7	15MHz	16QAM	21375	75RB#0	1000~20000	-38.17	PASS
Band7	15MHz	16QAM	21375	75RB#0	20000~27000	-31.79	PASS
Band7	20MHz	QPSK	20850	100RB#0	0.009~0.15	-66.64	PASS
Band7	20MHz	QPSK	20850	100RB#0	0.15~30	-65.17	PASS
Band7	20MHz	QPSK	20850	100RB#0	30~1000	-61.60	PASS
Band7	20MHz	QPSK	20850	100RB#0	1000~20000	-38.50	PASS
Band7	20MHz	QPSK	20850	100RB#0	20000~27000	-31.67	PASS
Band7	20MHz	QPSK	21100	100RB#0	0.009~0.15	-68.38	PASS
Band7	20MHz	QPSK	21100	100RB#0	0.15~30	-64.77	PASS
Band7	20MHz	QPSK	21100	100RB#0	30~1000	-61.75	PASS
Band7	20MHz	QPSK	21100	100RB#0	1000~20000	-37.75	PASS
Band7	20MHz	QPSK	21100	100RB#0	20000~27000	-31.78	PASS
Band7	20MHz	QPSK	21350	100RB#0	0.009~0.15	-68.78	PASS
Band7	20MHz	QPSK	21350	100RB#0	0.15~30	-64.22	PASS
Band7	20MHz	QPSK	21350	100RB#0	30~1000	-61.61	PASS
Band7	20MHz	QPSK	21350	100RB#0	1000~20000	-37.77	PASS
Band7	20MHz	QPSK	21350	100RB#0	20000~27000	-32.00	PASS
Band7	20MHz	16QAM	20850	100RB#0	0.009~0.15	-66.58	PASS
Band7	20MHz	16QAM	20850	100RB#0	0.15~30	-63.23	PASS
Band7	20MHz	16QAM	20850	100RB#0	30~1000	-61.76	PASS
Band7	20MHz	16QAM	20850	100RB#0	1000~20000	-38.54	PASS
Band7	20MHz	16QAM	20850	100RB#0	20000~27000	-31.96	PASS
Band7	20MHz	16QAM	21100	100RB#0	0.009~0.15	-67.09	PASS
Band7	20MHz	16QAM	21100	100RB#0	0.15~30	-63.08	PASS
Band7	20MHz	16QAM	21100	100RB#0	30~1000	-61.76	PASS
Band7	20MHz	16QAM	21100	100RB#0	1000~20000	-38.55	PASS
Band7	20MHz	16QAM	21100	100RB#0	20000~27000	-31.93	PASS
Band7	20MHz	16QAM	21350	100RB#0	0.009~0.15	-64.43	PASS
Band7	20MHz	16QAM	21350	100RB#0	0.15~30	-60.36	PASS
Band7	20MHz	16QAM	21350	100RB#0	30~1000	-61.74	PASS
Band7	20MHz	16QAM	21350	100RB#0	1000~20000	-38.12	PASS
Band7	20MHz	16QAM	21350	100RB#0	20000~27000	-31.72	PASS