FCC Appendix RF Test Data for LTE

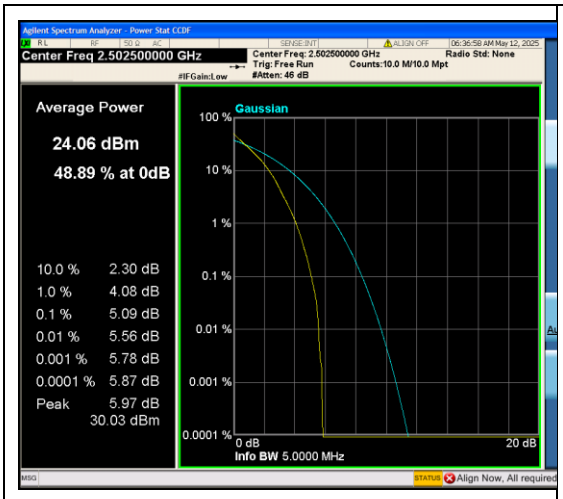
FCC ID	**:**	**2BPTB-CTAB12**
Company:	**:**	**LEON TRADE(H.K.)CO.,LIMITED.**
EUT	**:**	**11.97 inch Tablet**
Model Number	**:**	**Ctab 12**
Report No.	**:**	**CTA25050803006**
Reviewed By	**:**	**Eric Wang**

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

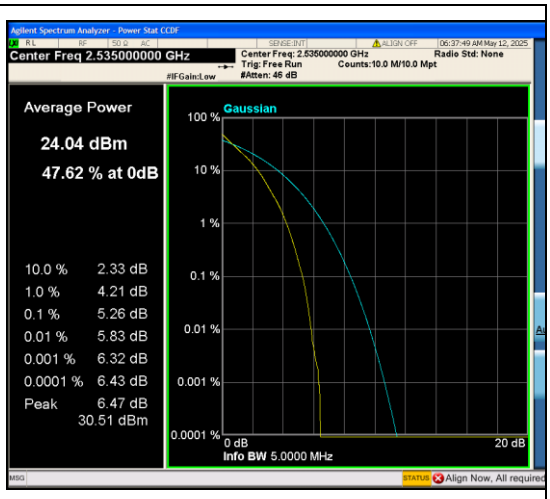
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	5.09	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.26	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.94	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.70	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.97	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.59	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.08	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.33	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	4.92	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.75	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	5.95	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.63	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.36	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.55	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.15	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	5.86	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.03	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	5.67	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.15	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.37	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	4.96	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.81	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.99	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.64	13	PASS

Test Graphs



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



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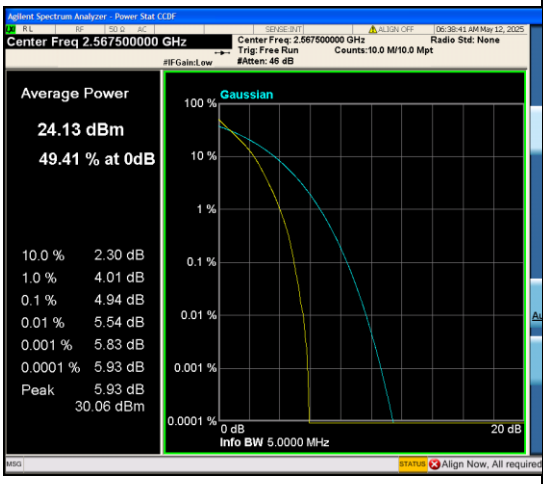

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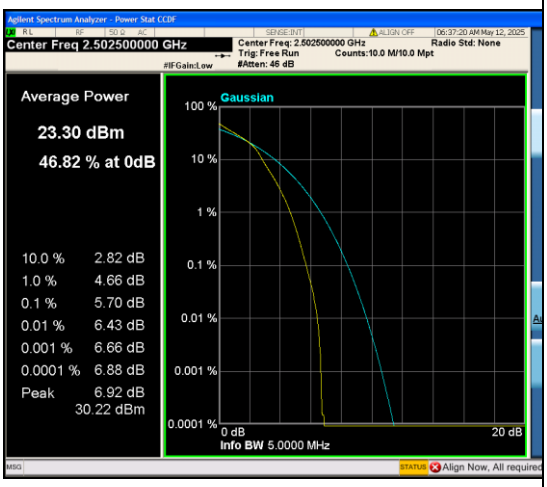

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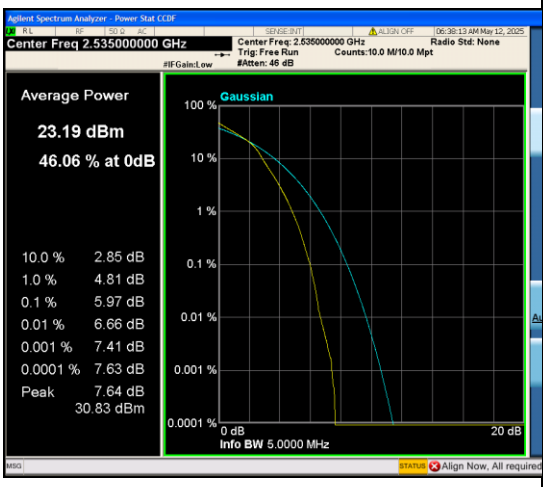

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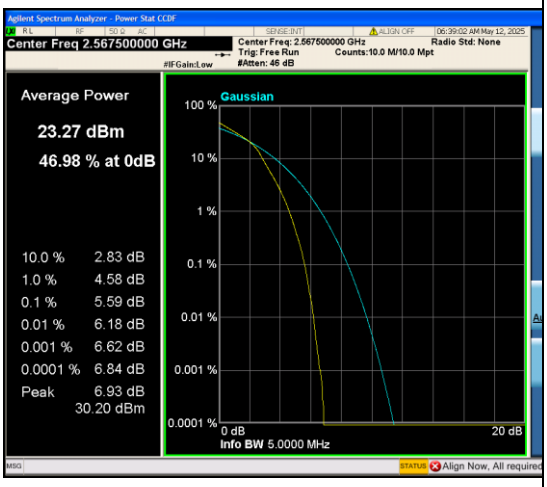

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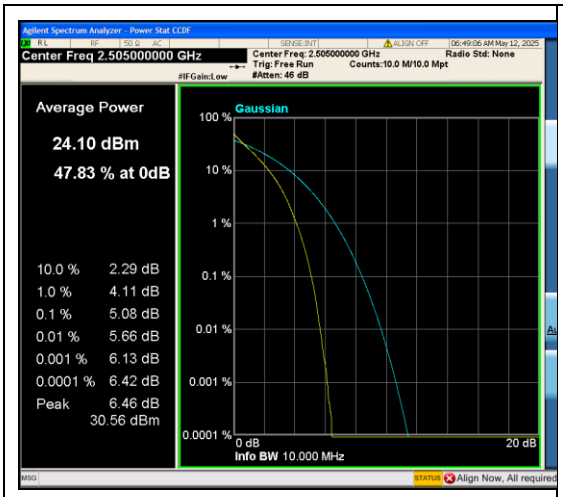
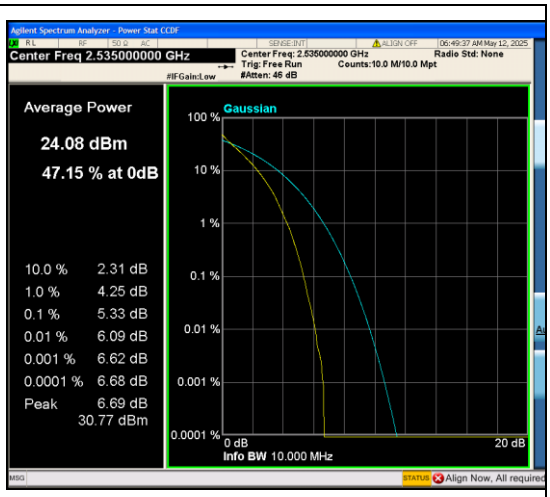


Band7-10MHz-QPSK-20800-50RB#0-PASS



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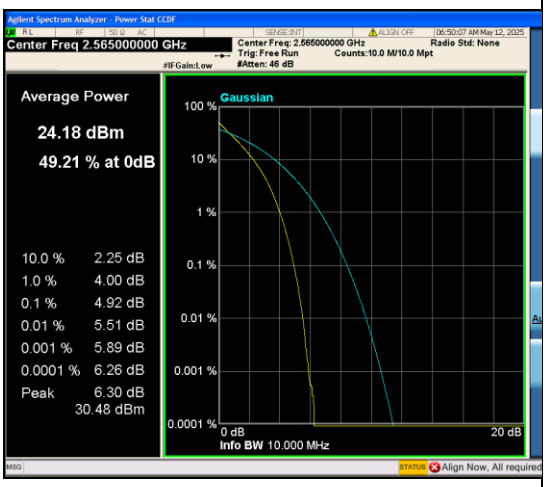

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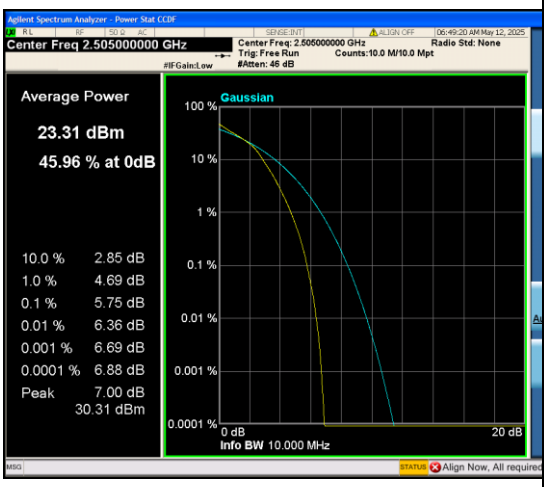

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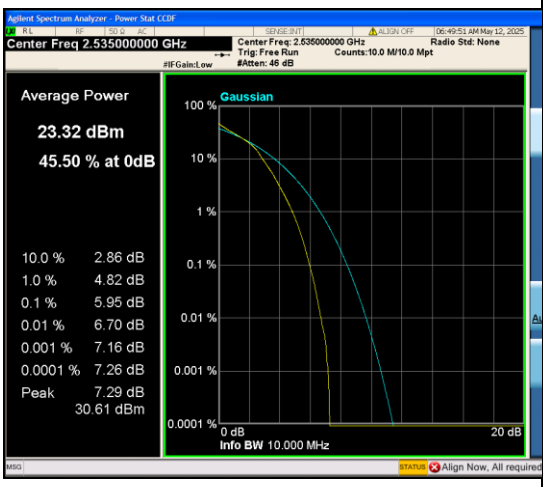

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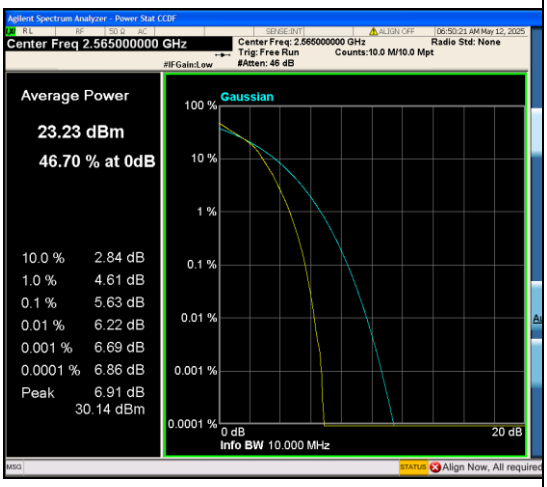

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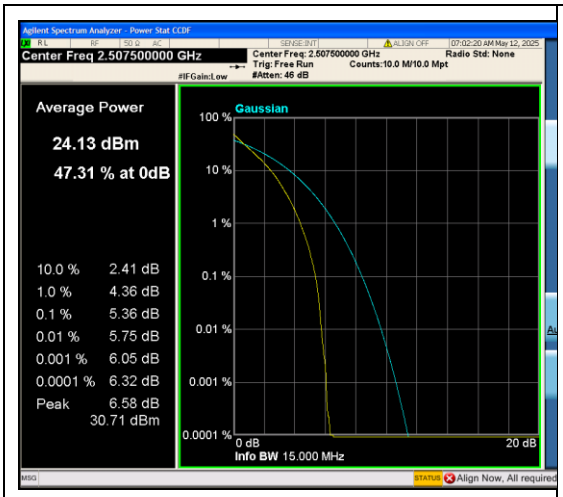
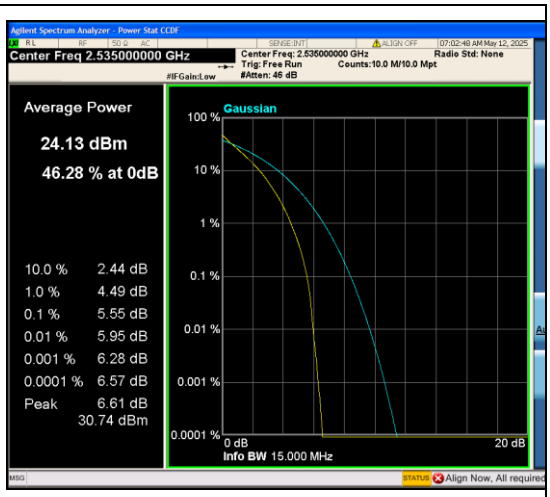


Band7-15MHz-QPSK-20825-75RB#0-PASS



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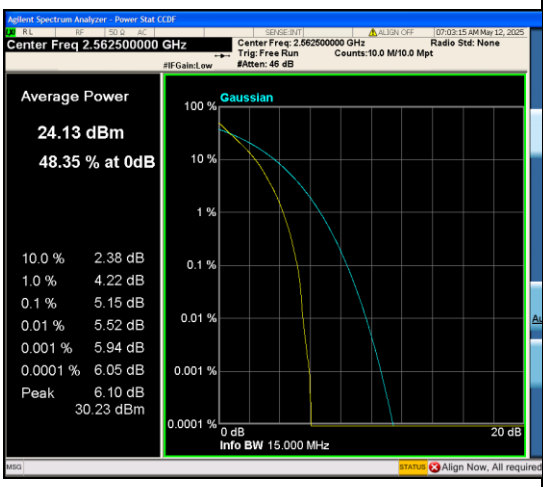

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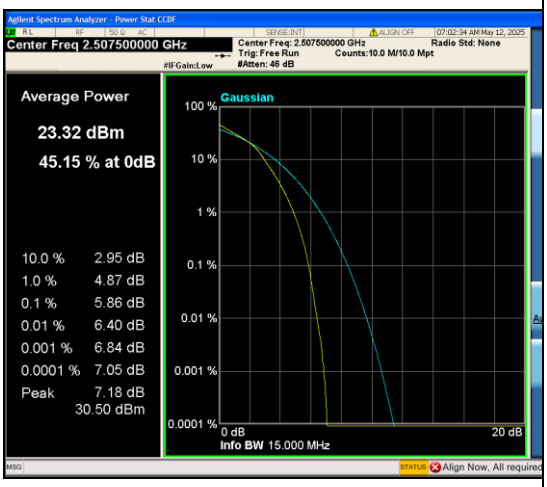

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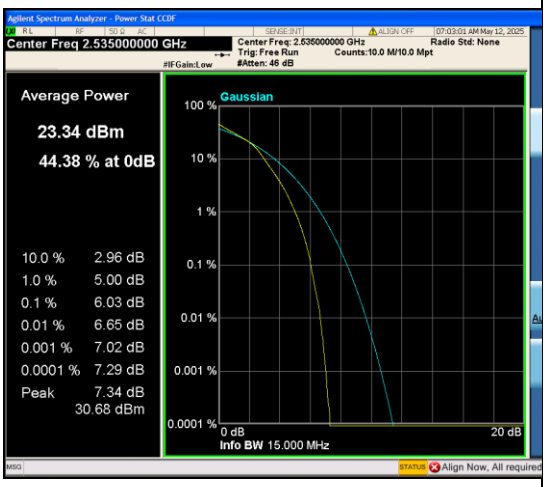

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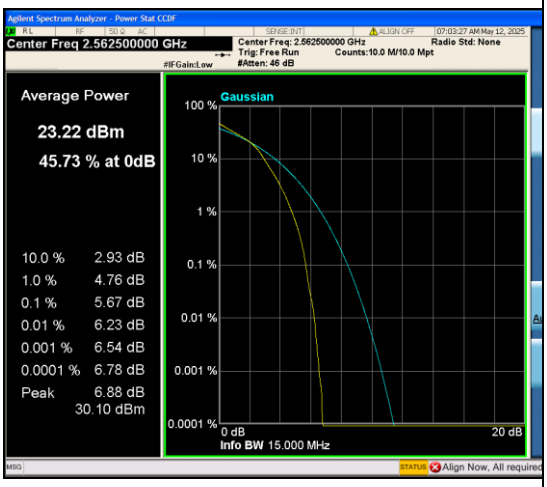

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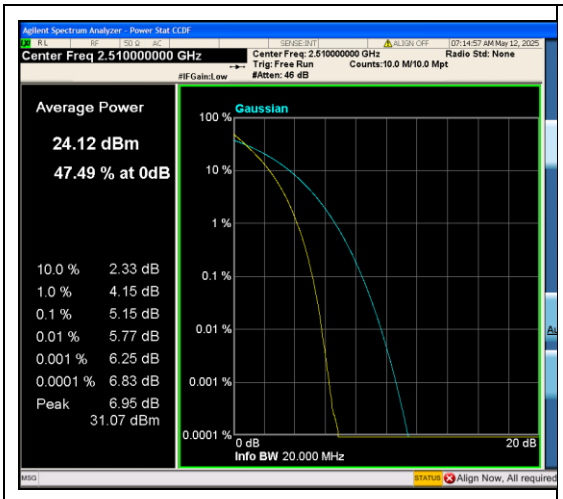
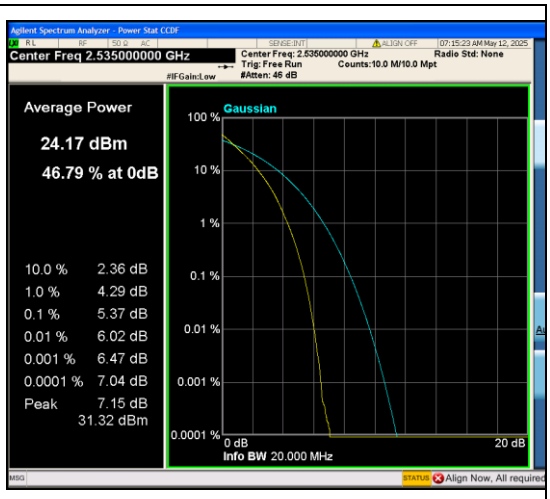


Band7-20MHz-QPSK-20850-100RB#0-PASS



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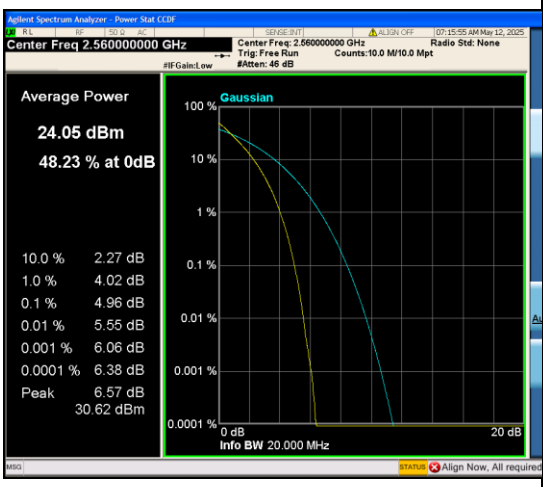

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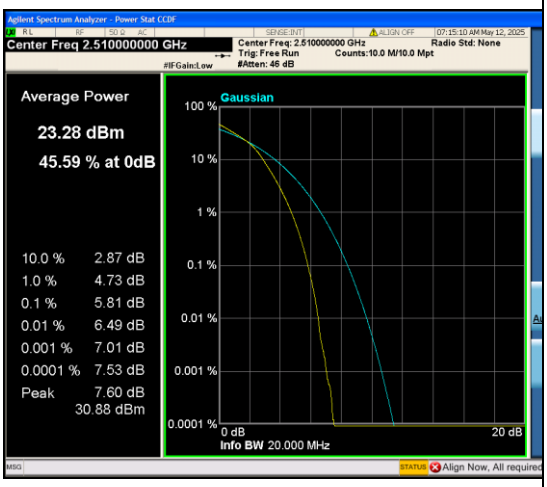

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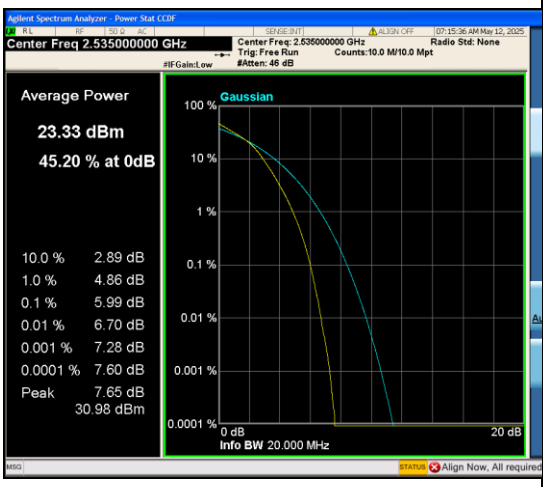

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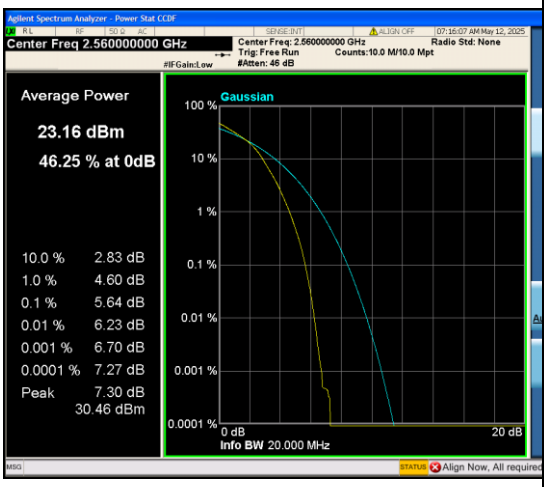


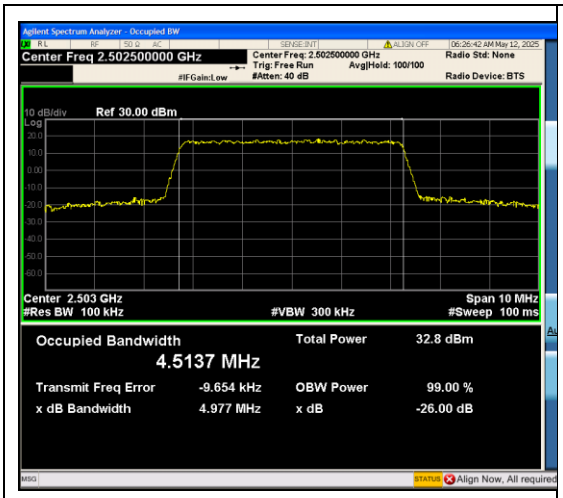
Band7-20MHz-16QAM-21350-100RB#0-PASS

Appendix C: 26dB Bandwidth and Occupied Bandwidth

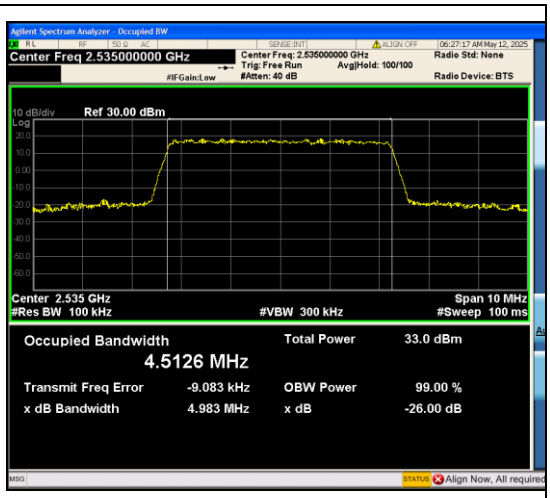
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5137	4.977	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5126	4.983	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5060	4.977	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5335	5.005	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5079	4.980	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5195	4.987	PASS
Band7	10MHz	QPSK	20800	50RB#0	9.0089	9.949	PASS
Band7	10MHz	QPSK	21100	50RB#0	9.0070	9.942	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9814	9.882	PASS
Band7	10MHz	16QAM	20800	50RB#0	9.0116	9.907	PASS
Band7	10MHz	16QAM	21100	50RB#0	9.0071	9.927	PASS
Band7	10MHz	16QAM	21400	50RB#0	9.0070	9.933	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.533	15.11	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.480	14.93	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.496	15.00	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.515	14.94	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.507	15.04	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.525	14.97	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.990	19.77	PASS
Band7	20MHz	QPSK	21100	100RB#0	18.060	19.88	PASS
Band7	20MHz	QPSK	21350	100RB#0	18.024	19.76	PASS
Band7	20MHz	16QAM	20850	100RB#0	18.050	19.84	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.986	19.77	PASS
Band7	20MHz	16QAM	21350	100RB#0	18.053	19.94	PASS

Test Graphs



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



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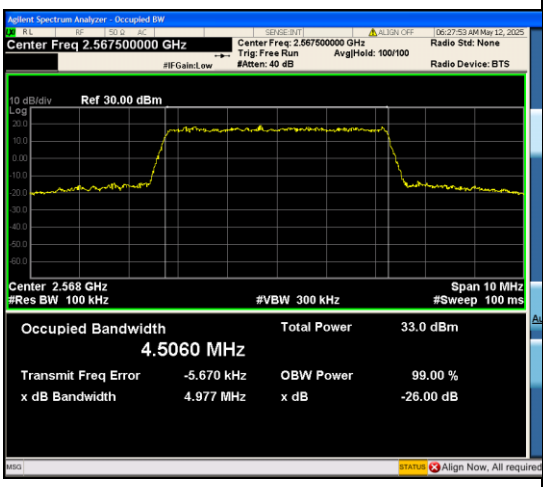

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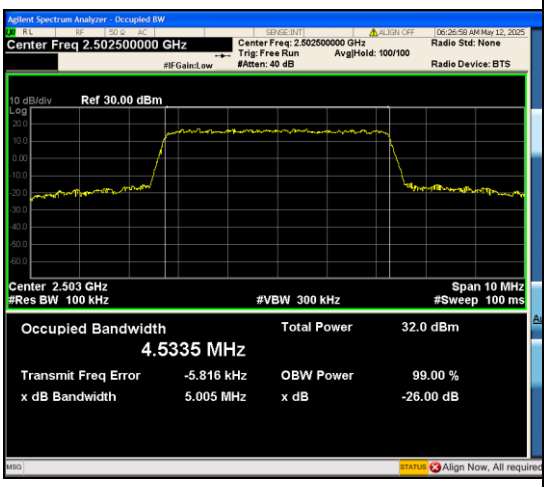

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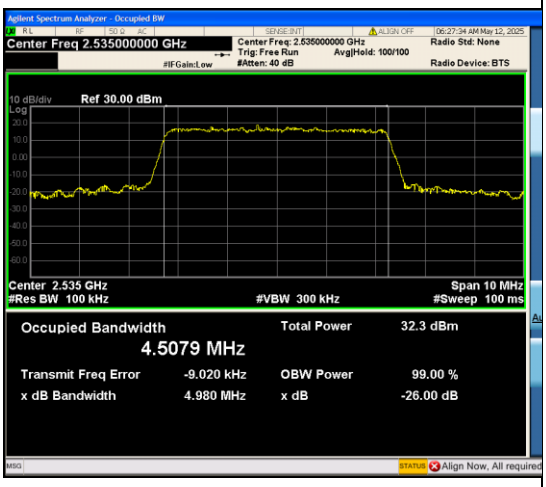

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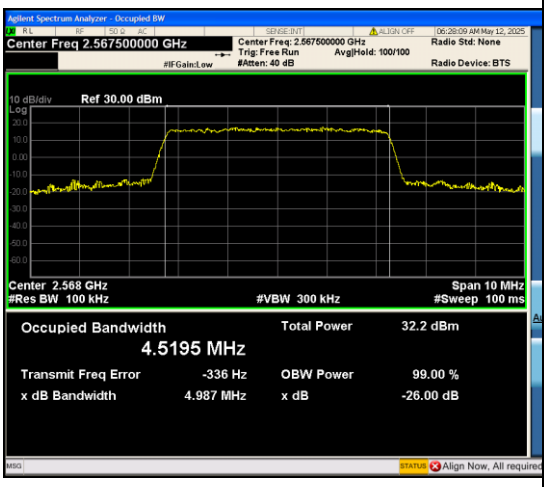

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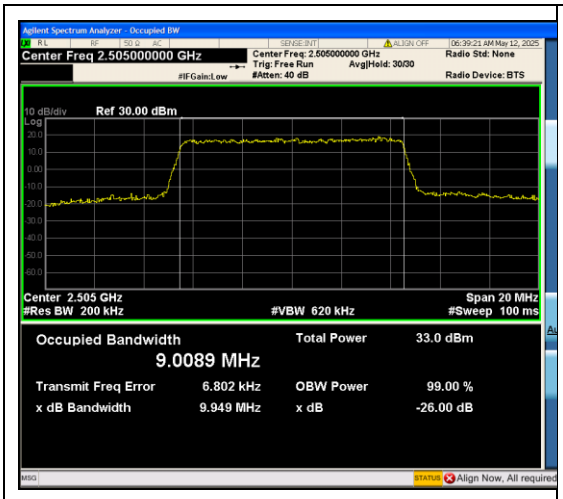
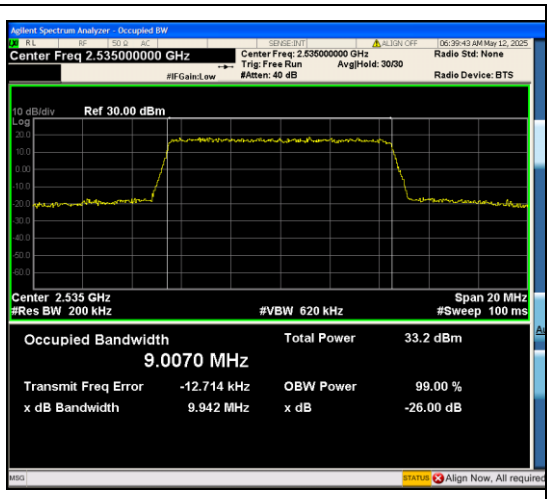
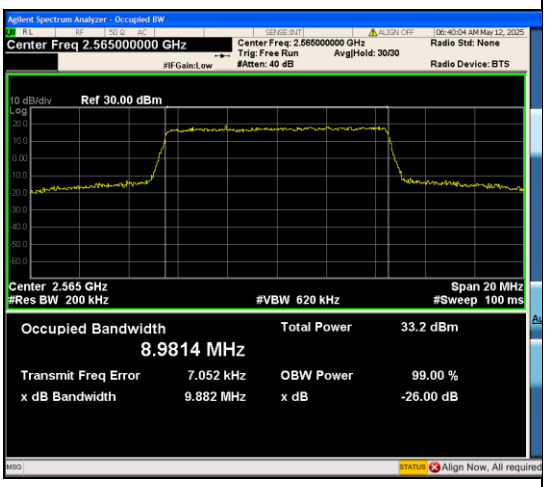


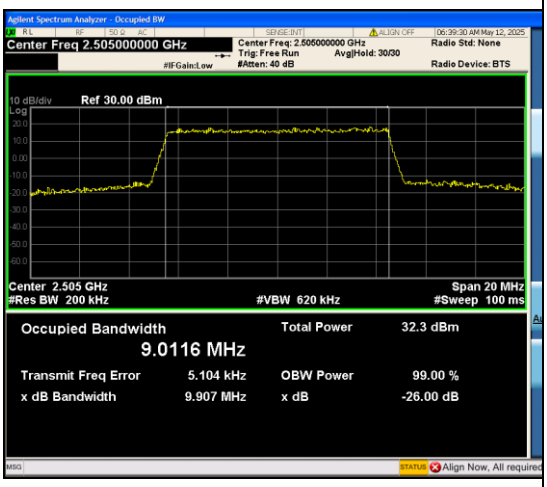
Band7-10MHz-QPSK-20800-50RB#0-PASS



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



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



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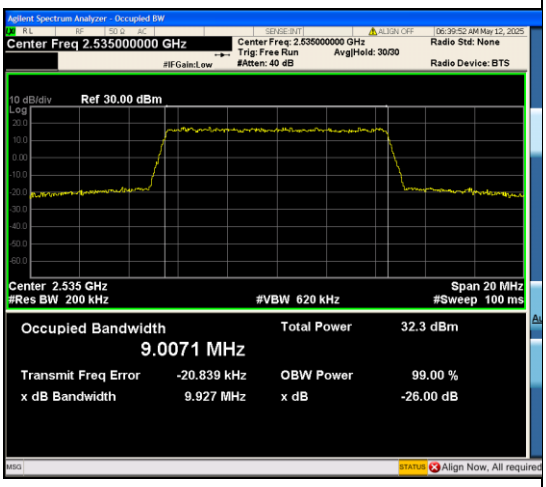

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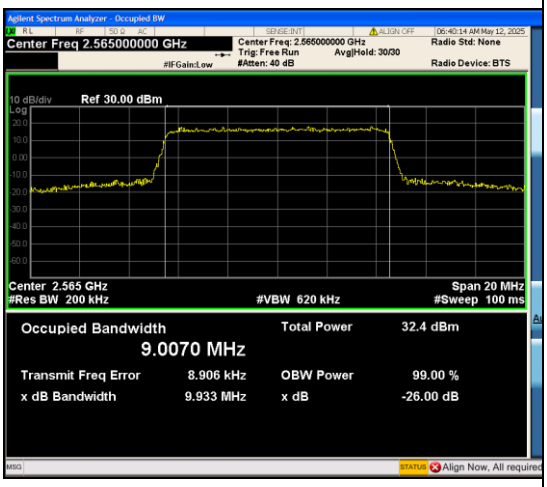

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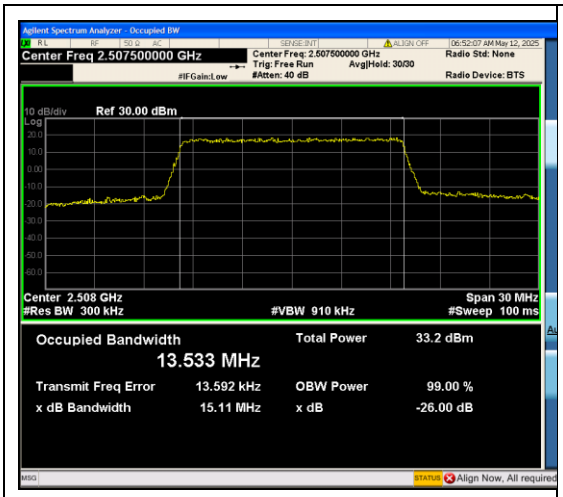
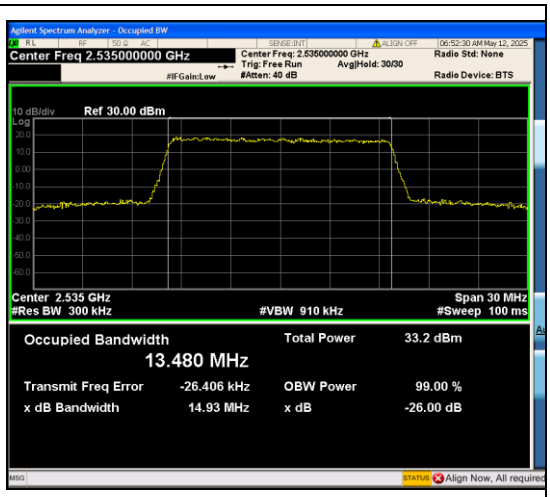
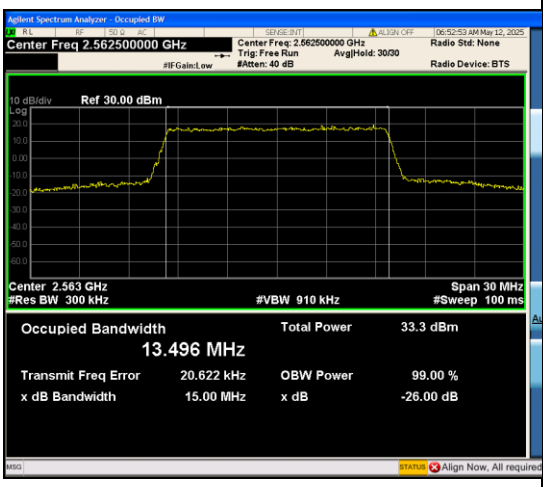


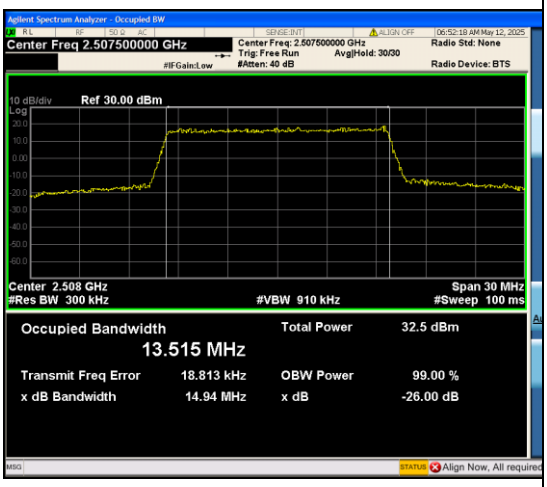
Band7-15MHz-QPSK-20825-75RB#0-PASS



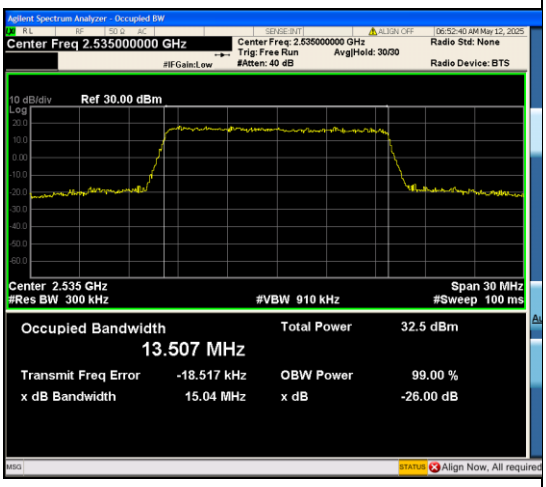
Band7-15MHz-QPSK-21100-75RB#0-PASS



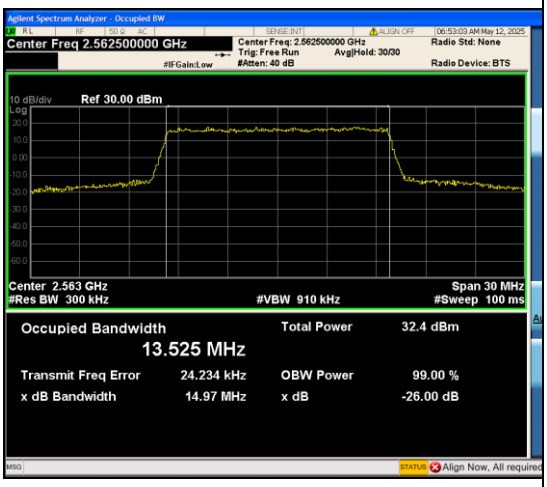
Band7-15MHz-QPSK-21375-75RB#0-PASS



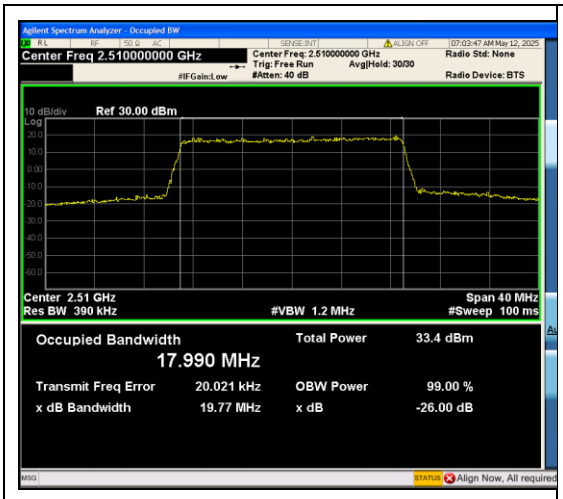
Band7-15MHz-16QAM-20825-75RB#0-PASS



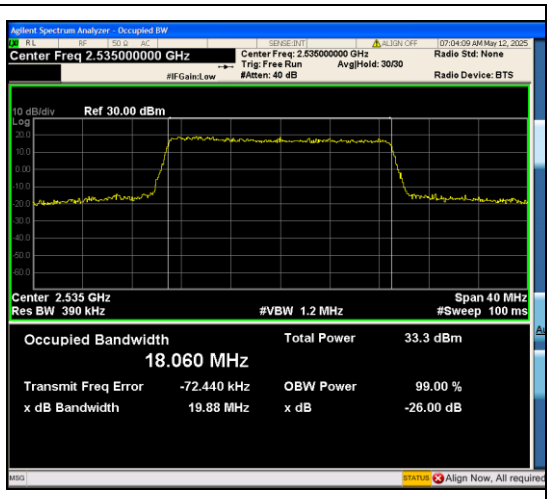
Band7-15MHz-16QAM-21100-75RB#0-PASS



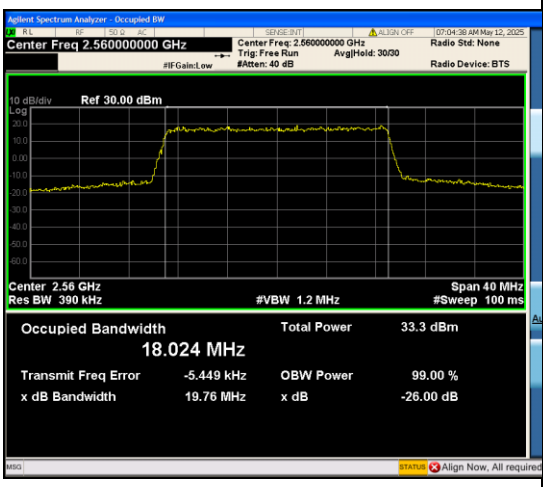
Band7-15MHz-16QAM-21375-75RB#0-PASS



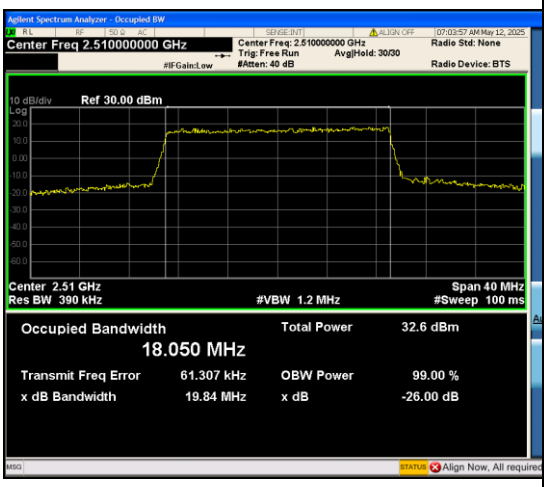
Band7-20MHz-QPSK-20850-100RB#0-PASS



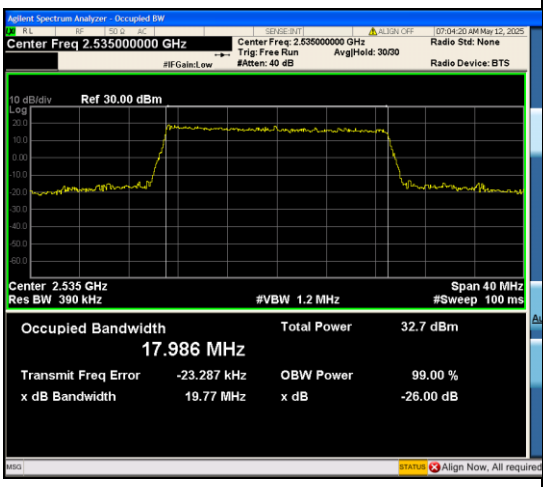
Band7-20MHz-QPSK-21100-100RB#0-PASS



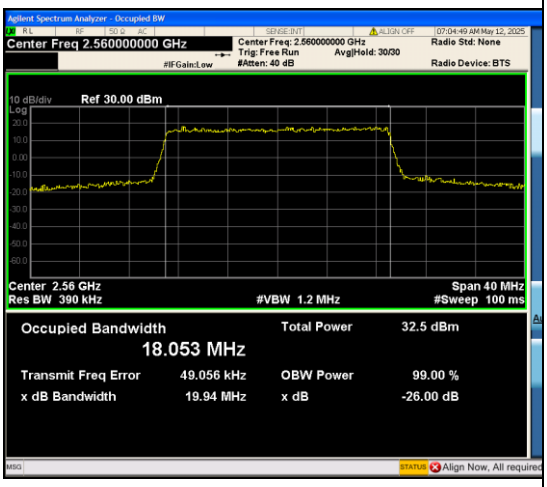
Band7-20MHz-QPSK-21350-100RB#0-PASS



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



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



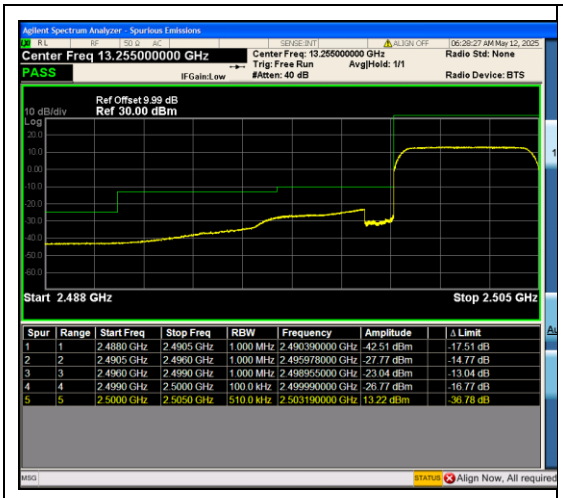
Band7-20MHz-16QAM-21350-100RB#0-PASS

Appendix D: Band Edge

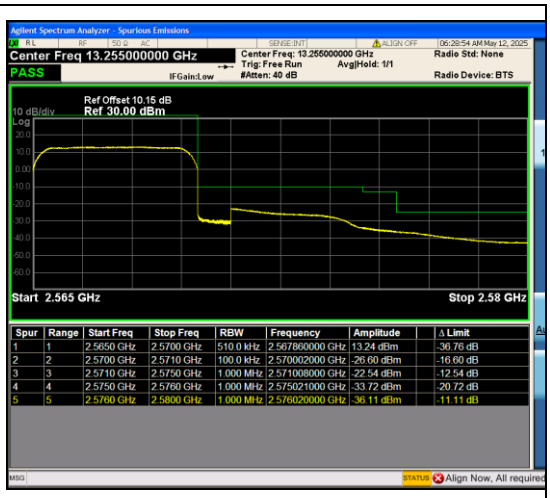
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	-23.04	PASS
Band7	5MHz	QPSK	21425	25RB#0	-36.11	PASS
Band7	5MHz	16QAM	20775	25RB#0	-26.31	PASS
Band7	5MHz	16QAM	21425	25RB#0	-36.50	PASS
Band7	10MHz	QPSK	20800	50RB#0	-37.03	PASS
Band7	10MHz	QPSK	21400	50RB#0	-21.55	PASS
Band7	10MHz	16QAM	20800	50RB#0	-36.65	PASS
Band7	10MHz	16QAM	21400	50RB#0	-36.34	PASS
Band7	15MHz	QPSK	20825	75RB#0	-26.12	PASS
Band7	15MHz	QPSK	21375	75RB#0	-22.65	PASS
Band7	15MHz	16QAM	20825	75RB#0	-38.90	PASS
Band7	15MHz	16QAM	21375	75RB#0	-25.15	PASS
Band7	20MHz	QPSK	20850	100RB#0	-27.99	PASS
Band7	20MHz	QPSK	21350	100RB#0	-23.70	PASS
Band7	20MHz	16QAM	20850	100RB#0	-41.77	PASS
Band7	20MHz	16QAM	21350	100RB#0	-26.12	PASS

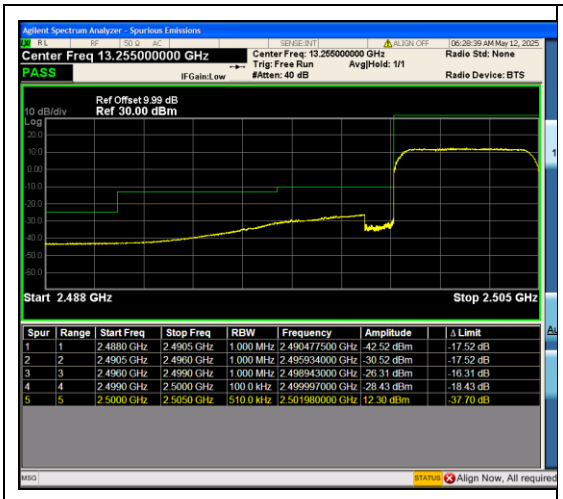
Test Graphs



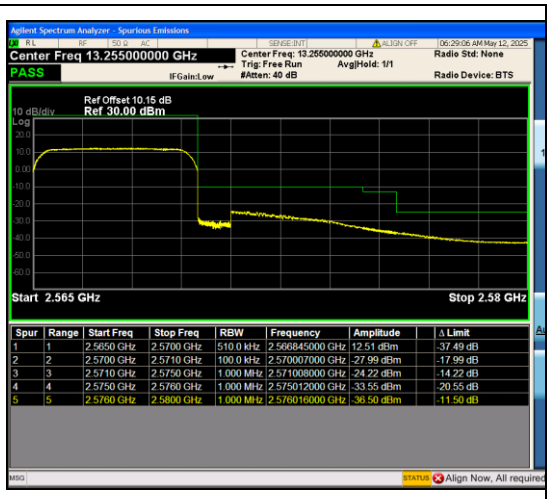
Band7_5MHz_QPSK_20775_25RB#0



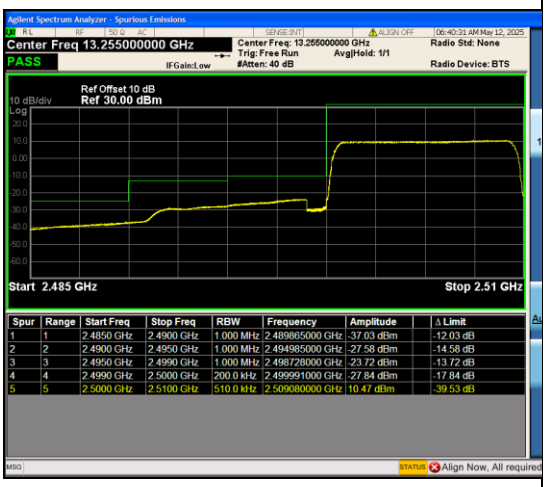
Band7_5MHz_QPSK_21425_25RB#0



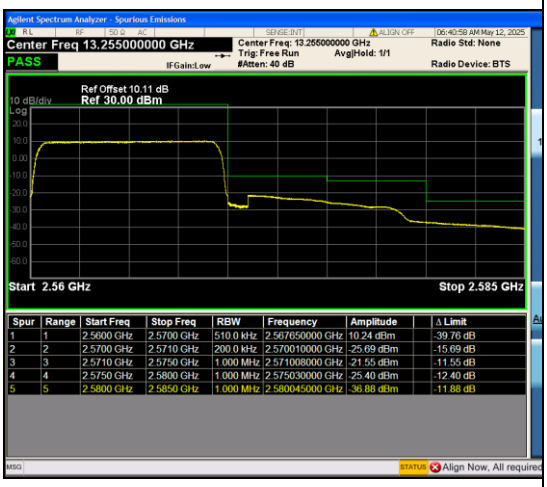
Band7_5MHz_16QAM_20775_25RB#0



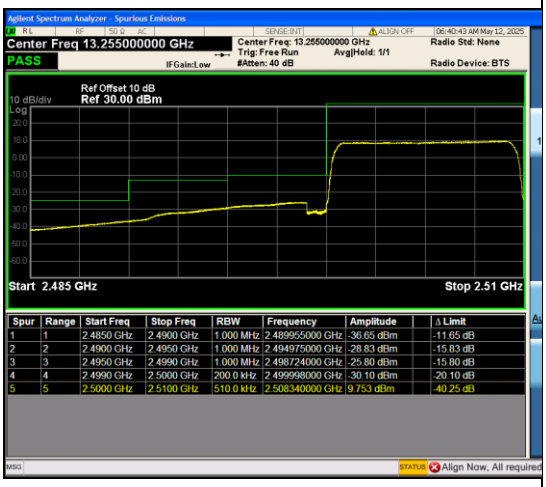
Band7_5MHz_16QAM_21425_25RB#0



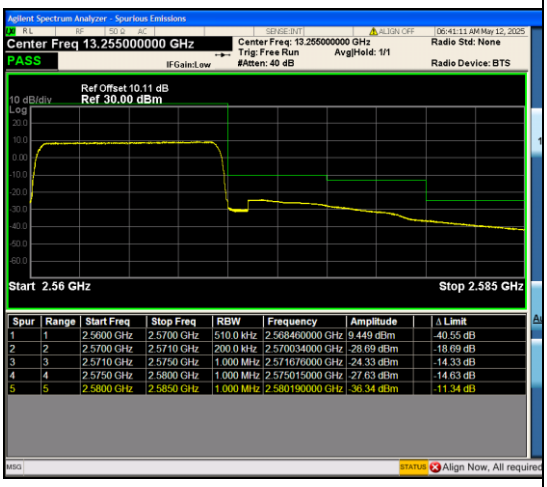
Band7_10MHz_QPSK_20800_50RB#0



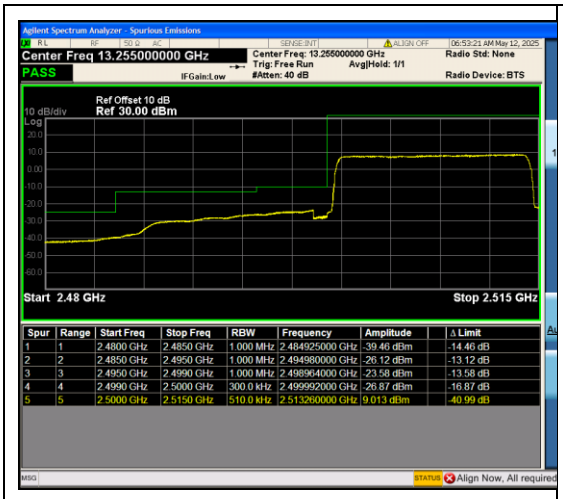
Band7_10MHz_QPSK_21400_50RB#0



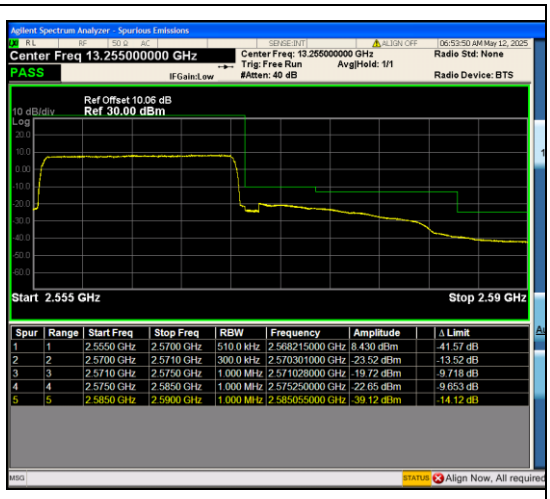
Band7_10MHz_16QAM_20800_50RB#0



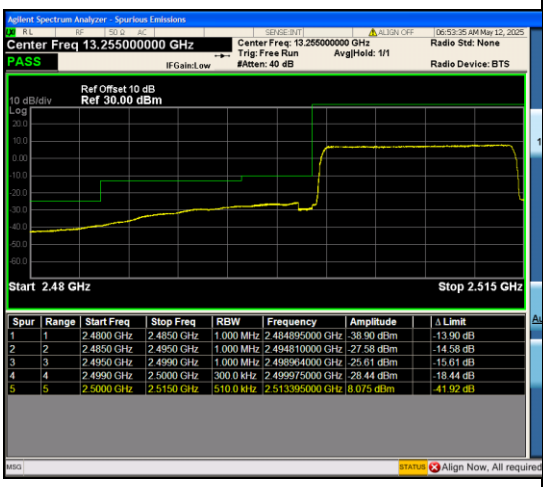
Band7_10MHz_16QAM_21400_50RB#0



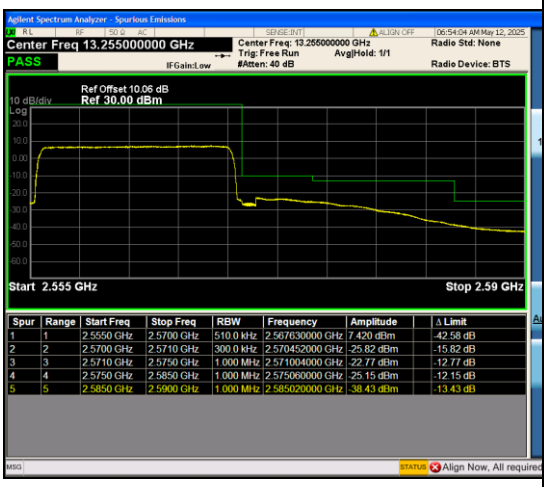
Band7_15MHz_QPSK_20825_75RB#0



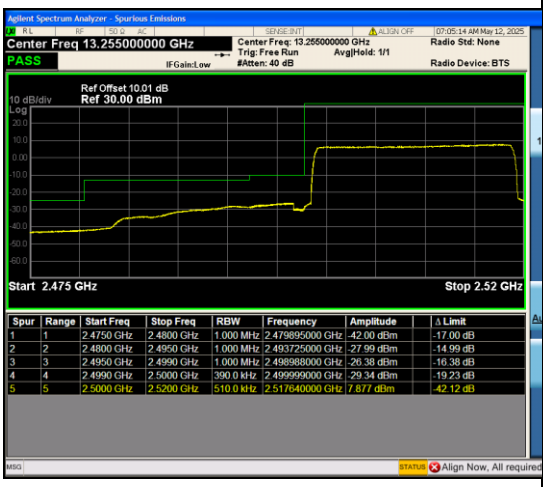
Band7_15MHz_QPSK_21375_75RB#0



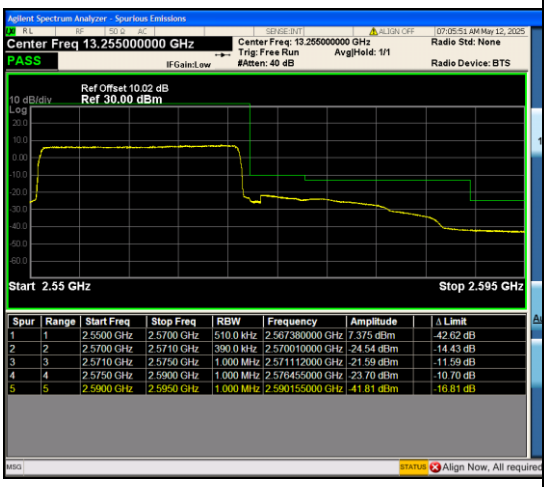
Band7_15MHz_16QAM_20825_75RB#0



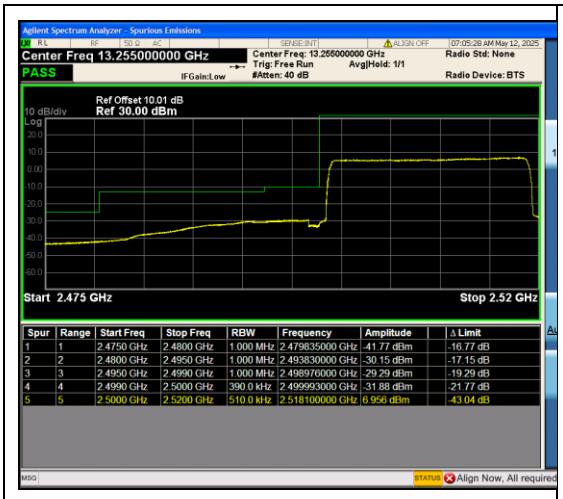
Band7_15MHz_16QAM_21375_75RB#0



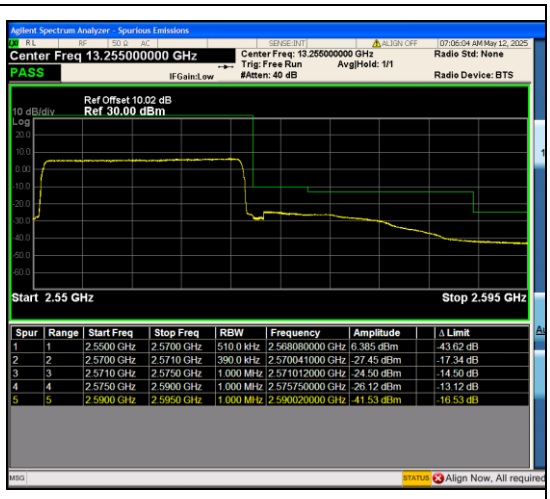
Band7_20MHz_QPSK_20850_100RB#0



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	-67.75	PASS
Band7	5MHz	QPSK	20775	25RB#0	0.15~30	-64.81	PASS
Band7	5MHz	QPSK	20775	25RB#0	30~1000	-61.87	PASS
Band7	5MHz	QPSK	20775	25RB#0	1000~20000	-38.32	PASS
Band7	5MHz	QPSK	20775	25RB#0	20000~27000	-32.26	PASS
Band7	5MHz	QPSK	21100	25RB#0	0.009~0.15	-65.31	PASS
Band7	5MHz	QPSK	21100	25RB#0	0.15~30	-64.42	PASS
Band7	5MHz	QPSK	21100	25RB#0	30~1000	-61.78	PASS
Band7	5MHz	QPSK	21100	25RB#0	1000~20000	-38.61	PASS
Band7	5MHz	QPSK	21100	25RB#0	20000~27000	-32.05	PASS
Band7	5MHz	QPSK	21425	25RB#0	0.009~0.15	-68.95	PASS
Band7	5MHz	QPSK	21425	25RB#0	0.15~30	-61.27	PASS
Band7	5MHz	QPSK	21425	25RB#0	30~1000	-61.50	PASS
Band7	5MHz	QPSK	21425	25RB#0	1000~20000	-38.46	PASS
Band7	5MHz	QPSK	21425	25RB#0	20000~27000	-32.21	PASS
Band7	5MHz	16QAM	20775	25RB#0	0.009~0.15	-66.72	PASS
Band7	5MHz	16QAM	20775	25RB#0	0.15~30	-65.80	PASS
Band7	5MHz	16QAM	20775	25RB#0	30~1000	-61.77	PASS
Band7	5MHz	16QAM	20775	25RB#0	1000~20000	-38.59	PASS
Band7	5MHz	16QAM	20775	25RB#0	20000~27000	-31.84	PASS
Band7	5MHz	16QAM	21100	25RB#0	0.009~0.15	-66.46	PASS
Band7	5MHz	16QAM	21100	25RB#0	0.15~30	-64.65	PASS
Band7	5MHz	16QAM	21100	25RB#0	30~1000	-61.81	PASS
Band7	5MHz	16QAM	21100	25RB#0	1000~20000	-38.98	PASS
Band7	5MHz	16QAM	21100	25RB#0	20000~27000	-32.26	PASS
Band7	5MHz	16QAM	21425	25RB#0	0.009~0.15	-68.29	PASS
Band7	5MHz	16QAM	21425	25RB#0	0.15~30	-65.90	PASS
Band7	5MHz	16QAM	21425	25RB#0	30~1000	-61.95	PASS
Band7	5MHz	16QAM	21425	25RB#0	1000~20000	-38.65	PASS
Band7	5MHz	16QAM	21425	25RB#0	20000~27000	-32.00	PASS
Band7	10MHz	QPSK	20800	50RB#0	0.009~0.15	-68.31	PASS
Band7	10MHz	QPSK	20800	50RB#0	0.15~30	-64.60	PASS
Band7	10MHz	QPSK	20800	50RB#0	30~1000	-61.93	PASS
Band7	10MHz	QPSK	20800	50RB#0	1000~20000	-38.40	PASS
Band7	10MHz	QPSK	20800	50RB#0	20000~27000	-32.05	PASS
Band7	10MHz	QPSK	21100	50RB#0	0.009~0.15	-67.23	PASS

Band7	10MHz	QPSK	21100	50RB#0	0.15~30	-62.47	PASS
Band7	10MHz	QPSK	21100	50RB#0	30~1000	-61.68	PASS
Band7	10MHz	QPSK	21100	50RB#0	1000~20000	-38.76	PASS
Band7	10MHz	QPSK	21100	50RB#0	20000~27000	-31.89	PASS
Band7	10MHz	QPSK	21400	50RB#0	0.009~0.15	-67.88	PASS
Band7	10MHz	QPSK	21400	50RB#0	0.15~30	-64.03	PASS
Band7	10MHz	QPSK	21400	50RB#0	30~1000	-61.59	PASS
Band7	10MHz	QPSK	21400	50RB#0	1000~20000	-38.26	PASS
Band7	10MHz	QPSK	21400	50RB#0	20000~27000	-32.22	PASS
Band7	10MHz	16QAM	20800	50RB#0	0.009~0.15	-68.85	PASS
Band7	10MHz	16QAM	20800	50RB#0	0.15~30	-62.71	PASS
Band7	10MHz	16QAM	20800	50RB#0	30~1000	-61.92	PASS
Band7	10MHz	16QAM	20800	50RB#0	1000~20000	-38.47	PASS
Band7	10MHz	16QAM	20800	50RB#0	20000~27000	-32.18	PASS
Band7	10MHz	16QAM	21100	50RB#0	0.009~0.15	-63.92	PASS
Band7	10MHz	16QAM	21100	50RB#0	0.15~30	-62.49	PASS
Band7	10MHz	16QAM	21100	50RB#0	30~1000	-61.72	PASS
Band7	10MHz	16QAM	21100	50RB#0	1000~20000	-38.62	PASS
Band7	10MHz	16QAM	21100	50RB#0	20000~27000	-32.01	PASS
Band7	10MHz	16QAM	21400	50RB#0	0.009~0.15	-66.47	PASS
Band7	10MHz	16QAM	21400	50RB#0	0.15~30	-62.81	PASS
Band7	10MHz	16QAM	21400	50RB#0	30~1000	-61.95	PASS
Band7	10MHz	16QAM	21400	50RB#0	1000~20000	-38.50	PASS
Band7	10MHz	16QAM	21400	50RB#0	20000~27000	-32.22	PASS
Band7	15MHz	QPSK	20825	75RB#0	0.009~0.15	-67.28	PASS
Band7	15MHz	QPSK	20825	75RB#0	0.15~30	-64.60	PASS
Band7	15MHz	QPSK	20825	75RB#0	30~1000	-61.84	PASS
Band7	15MHz	QPSK	20825	75RB#0	1000~20000	-38.49	PASS
Band7	15MHz	QPSK	20825	75RB#0	20000~27000	-32.06	PASS
Band7	15MHz	QPSK	21100	75RB#0	0.009~0.15	-66.81	PASS
Band7	15MHz	QPSK	21100	75RB#0	0.15~30	-63.75	PASS
Band7	15MHz	QPSK	21100	75RB#0	30~1000	-61.46	PASS
Band7	15MHz	QPSK	21100	75RB#0	1000~20000	-38.50	PASS
Band7	15MHz	QPSK	21100	75RB#0	20000~27000	-32.01	PASS
Band7	15MHz	QPSK	21375	75RB#0	0.009~0.15	-63.59	PASS
Band7	15MHz	QPSK	21375	75RB#0	0.15~30	-62.81	PASS
Band7	15MHz	QPSK	21375	75RB#0	30~1000	-61.88	PASS
Band7	15MHz	QPSK	21375	75RB#0	1000~20000	-38.33	PASS
Band7	15MHz	QPSK	21375	75RB#0	20000~27000	-31.98	PASS
Band7	15MHz	16QAM	20825	75RB#0	0.009~0.15	-66.67	PASS
Band7	15MHz	16QAM	20825	75RB#0	0.15~30	-62.47	PASS
Band7	15MHz	16QAM	20825	75RB#0	30~1000	-61.78	PASS
Band7	15MHz	16QAM	20825	75RB#0	1000~20000	-38.48	PASS

Band7	15MHz	16QAM	20825	75RB#0	20000~27000	-32.13	PASS
Band7	15MHz	16QAM	21100	75RB#0	0.009~0.15	-67.92	PASS
Band7	15MHz	16QAM	21100	75RB#0	0.15~30	-63.66	PASS
Band7	15MHz	16QAM	21100	75RB#0	30~1000	-62.03	PASS
Band7	15MHz	16QAM	21100	75RB#0	1000~20000	-38.54	PASS
Band7	15MHz	16QAM	21100	75RB#0	20000~27000	-32.33	PASS
Band7	15MHz	16QAM	21375	75RB#0	0.009~0.15	-66.53	PASS
Band7	15MHz	16QAM	21375	75RB#0	0.15~30	-62.47	PASS
Band7	15MHz	16QAM	21375	75RB#0	30~1000	-61.89	PASS
Band7	15MHz	16QAM	21375	75RB#0	1000~20000	-38.47	PASS
Band7	15MHz	16QAM	21375	75RB#0	20000~27000	-32.16	PASS
Band7	20MHz	QPSK	20850	100RB#0	0.009~0.15	-66.42	PASS
Band7	20MHz	QPSK	20850	100RB#0	0.15~30	-63.73	PASS
Band7	20MHz	QPSK	20850	100RB#0	30~1000	-61.85	PASS
Band7	20MHz	QPSK	20850	100RB#0	1000~20000	-38.87	PASS
Band7	20MHz	QPSK	20850	100RB#0	20000~27000	-32.07	PASS
Band7	20MHz	QPSK	21100	100RB#0	0.009~0.15	-66.43	PASS
Band7	20MHz	QPSK	21100	100RB#0	0.15~30	-62.79	PASS
Band7	20MHz	QPSK	21100	100RB#0	30~1000	-61.52	PASS
Band7	20MHz	QPSK	21100	100RB#0	1000~20000	-38.80	PASS
Band7	20MHz	QPSK	21100	100RB#0	20000~27000	-31.80	PASS
Band7	20MHz	QPSK	21350	100RB#0	0.009~0.15	-67.61	PASS
Band7	20MHz	QPSK	21350	100RB#0	0.15~30	-64.47	PASS
Band7	20MHz	QPSK	21350	100RB#0	30~1000	-61.55	PASS
Band7	20MHz	QPSK	21350	100RB#0	1000~20000	-38.54	PASS
Band7	20MHz	QPSK	21350	100RB#0	20000~27000	-32.10	PASS
Band7	20MHz	16QAM	20850	100RB#0	0.009~0.15	-68.75	PASS
Band7	20MHz	16QAM	20850	100RB#0	0.15~30	-63.93	PASS
Band7	20MHz	16QAM	20850	100RB#0	30~1000	-61.88	PASS
Band7	20MHz	16QAM	20850	100RB#0	1000~20000	-38.51	PASS
Band7	20MHz	16QAM	20850	100RB#0	20000~27000	-31.92	PASS
Band7	20MHz	16QAM	21100	100RB#0	0.009~0.15	-68.32	PASS
Band7	20MHz	16QAM	21100	100RB#0	0.15~30	-62.72	PASS
Band7	20MHz	16QAM	21100	100RB#0	30~1000	-61.72	PASS
Band7	20MHz	16QAM	21100	100RB#0	1000~20000	-38.42	PASS
Band7	20MHz	16QAM	21100	100RB#0	20000~27000	-31.69	PASS
Band7	20MHz	16QAM	21350	100RB#0	0.009~0.15	-65.88	PASS
Band7	20MHz	16QAM	21350	100RB#0	0.15~30	-62.21	PASS
Band7	20MHz	16QAM	21350	100RB#0	30~1000	-61.95	PASS
Band7	20MHz	16QAM	21350	100RB#0	1000~20000	-38.54	PASS
Band7	20MHz	16QAM	21350	100RB#0	20000~27000	-32.18	PASS