



LTE 7C

26DB BANDWIDTH AND OCCUPIED BANDWIDTH

TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
7-7	10MHz-20MHz	QPSK-QPSK	20805-20949	50RB#0-100RB#0	27.804	29.63	PASS
7-7	10MHz-20MHz	QPSK-QPSK	21006-21150	50RB#0-100RB#0	27.724	29.56	PASS
7-7	10MHz-20MHz	QPSK-QPSK	21206-21350	50RB#0-100RB#0	27.728	29.47	PASS
7-7	10MHz-20MHz	16QAM-16QAM	20805-20949	50RB#0-100RB#0	27.807	29.54	PASS
7-7	10MHz-20MHz	16QAM-16QAM	21006-21150	50RB#0-100RB#0	27.771	29.40	PASS
7-7	10MHz-20MHz	16QAM-16QAM	21206-21350	50RB#0-100RB#0	27.729	29.44	PASS
7-7	15MHz-10MHz	QPSK-QPSK	20825-20945	75RB#0-50RB#0	23.199	24.90	PASS
7-7	15MHz-10MHz	QPSK-QPSK	21051-21171	75RB#0-50RB#0	23.205	24.90	PASS
7-7	15MHz-10MHz	QPSK-QPSK	21277-21397	75RB#0-50RB#0	23.208	24.98	PASS
7-7	15MHz-10MHz	16QAM-16QAM	20825-20945	75RB#0-50RB#0	23.154	25.00	PASS
7-7	15MHz-10MHz	16QAM-16QAM	21051-21171	75RB#0-50RB#0	23.181	24.77	PASS
7-7	15MHz-10MHz	16QAM-16QAM	21277-21397	75RB#0-50RB#0	23.181	24.96	PASS
7-7	15MHz-15MHz	QPSK-QPSK	20825-20975	75RB#0-75RB#0	28.379	30.32	PASS
7-7	15MHz-15MHz	QPSK-QPSK	21025-21175	75RB#0-75RB#0	28.401	30.21	PASS
7-7	15MHz-15MHz	QPSK-QPSK	21225-21375	75RB#0-75RB#0	28.353	30.28	PASS



7-7	15MHz-15MHz	16QAM-16QAM	20825- 20975	75RB#0-75RB#0	28.386	30.28	PASS
7-7	15MHz-15MHz	16QAM-16QAM	21025- 21175	75RB#0-75RB#0	28.354	30.32	PASS
7-7	15MHz-15MHz	16QAM-16QAM	21225- 21375	75RB#0-75RB#0	28.347	30.15	PASS
7-7	15MHz-20MHz	QPSK-QPSK	20828- 20999	75RB#0-100RB#0	32.726	34.92	PASS
7-7	15MHz-20MHz	QPSK-QPSK	21003- 21174	75RB#0-100RB#0	32.692	35.01	PASS
7-7	15MHz-20MHz	QPSK-QPSK	21179- 21350	75RB#0-100RB#0	32.684	34.99	PASS
7-7	15MHz-20MHz	16QAM-16QAM	20828- 20999	75RB#0-100RB#0	32.715	34.95	PASS
7-7	15MHz-20MHz	16QAM-16QAM	21003- 21174	75RB#0-100RB#0	32.727	34.90	PASS
7-7	15MHz-20MHz	16QAM-16QAM	21179- 21350	75RB#0-100RB#0	32.659	35.00	PASS
7-7	20MHz-10MHz	QPSK-QPSK	20850- 20994	100RB#0-50RB#0	27.819	29.58	PASS
7-7	20MHz-10MHz	QPSK-QPSK	21051- 21195	100RB#0-50RB#0	27.776	29.51	PASS
7-7	20MHz-10MHz	QPSK-QPSK	21251- 21395	100RB#0-50RB#0	27.795	29.55	PASS
7-7	20MHz-10MHz	16QAM-16QAM	20850- 20994	100RB#0-50RB#0	27.790	29.57	PASS
7-7	20MHz-10MHz	16QAM-16QAM	21051- 21195	100RB#0-50RB#0	27.771	29.54	PASS
7-7	20MHz-10MHz	16QAM-16QAM	21251- 21395	100RB#0-50RB#0	27.823	29.57	PASS
7-7	20MHz-15MHz	QPSK-QPSK	20850- 21021	100RB#0-75RB#0	32.725	34.98	PASS
7-7	20MHz-15MHz	QPSK-QPSK	21026- 21197	100RB#0-75RB#0	32.721	34.92	PASS
7-7	20MHz-15MHz	QPSK-QPSK	21201- 21372	100RB#0-75RB#0	32.710	35.12	PASS
7-7	20MHz-15MHz	16QAM-16QAM	20850-	100RB#0-75RB#0	32.722	35.09	PASS



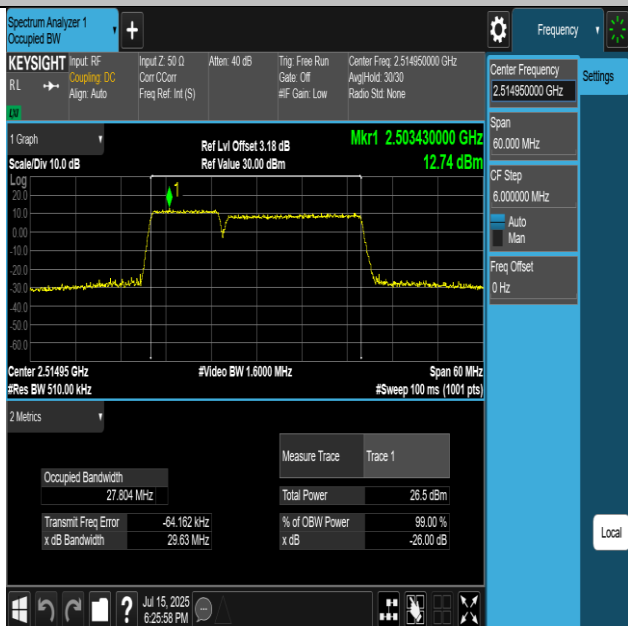
			21021				
7-7	20MHz-15MHz	16QAM-16QAM	21026- 21197	100RB#0-75RB#0	32.746	34.95	PASS
7-7	20MHz-15MHz	16QAM-16QAM	21201- 21372	100RB#0-75RB#0	32.708	35.01	PASS
7-7	20MHz-20MHz	QPSK-QPSK	20850- 21048	100RB#0-100RB#0	37.578	39.81	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001- 21199	100RB#0-100RB#0	37.594	39.86	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152- 21350	100RB#0-100RB#0	37.596	39.96	PASS
7-7	20MHz-20MHz	16QAM-16QAM	20850- 21048	100RB#0-100RB#0	37.574	39.82	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21001- 21199	100RB#0-100RB#0	37.607	39.80	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21152- 21350	100RB#0-100RB#0	37.575	39.78	PASS



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Test Report No.: PSU-QSU2411180418RF10
TEST GRAPHS

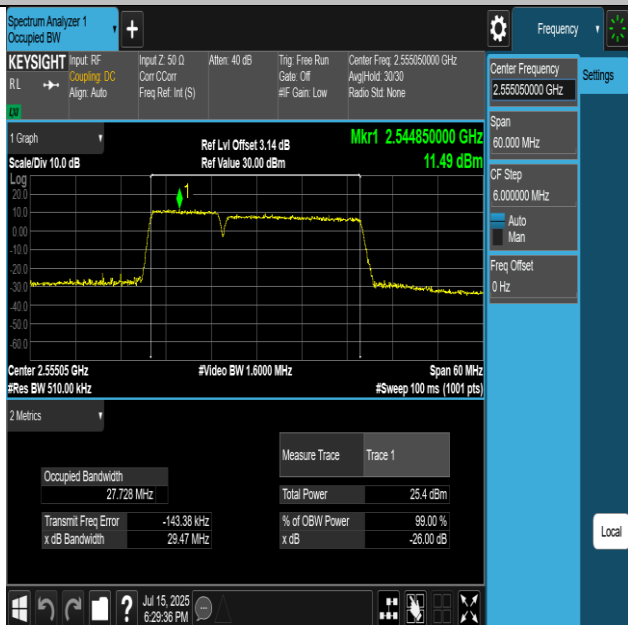
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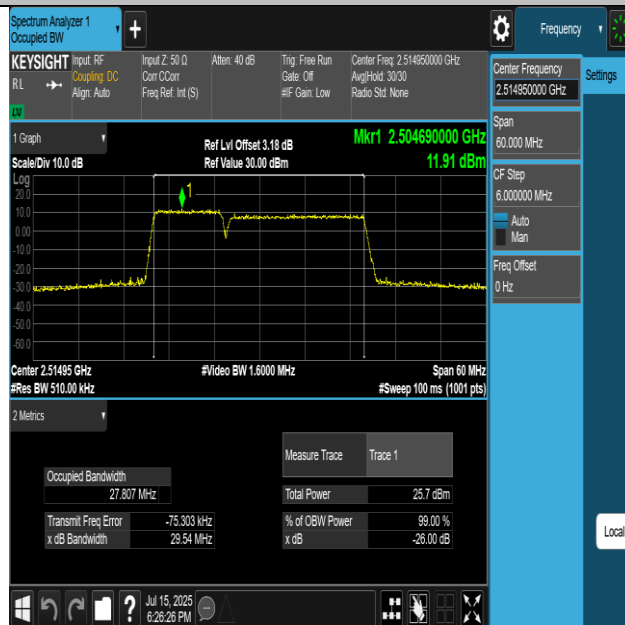
7-7-10MHz-20MHz-QPSK-QPSK-21006-21150-50RB#0-
100RB#0-PASS



7-7-10MHz-20MHz-QPSK-QPSK-21206-21350-50RB#0-
100RB#0-PASS

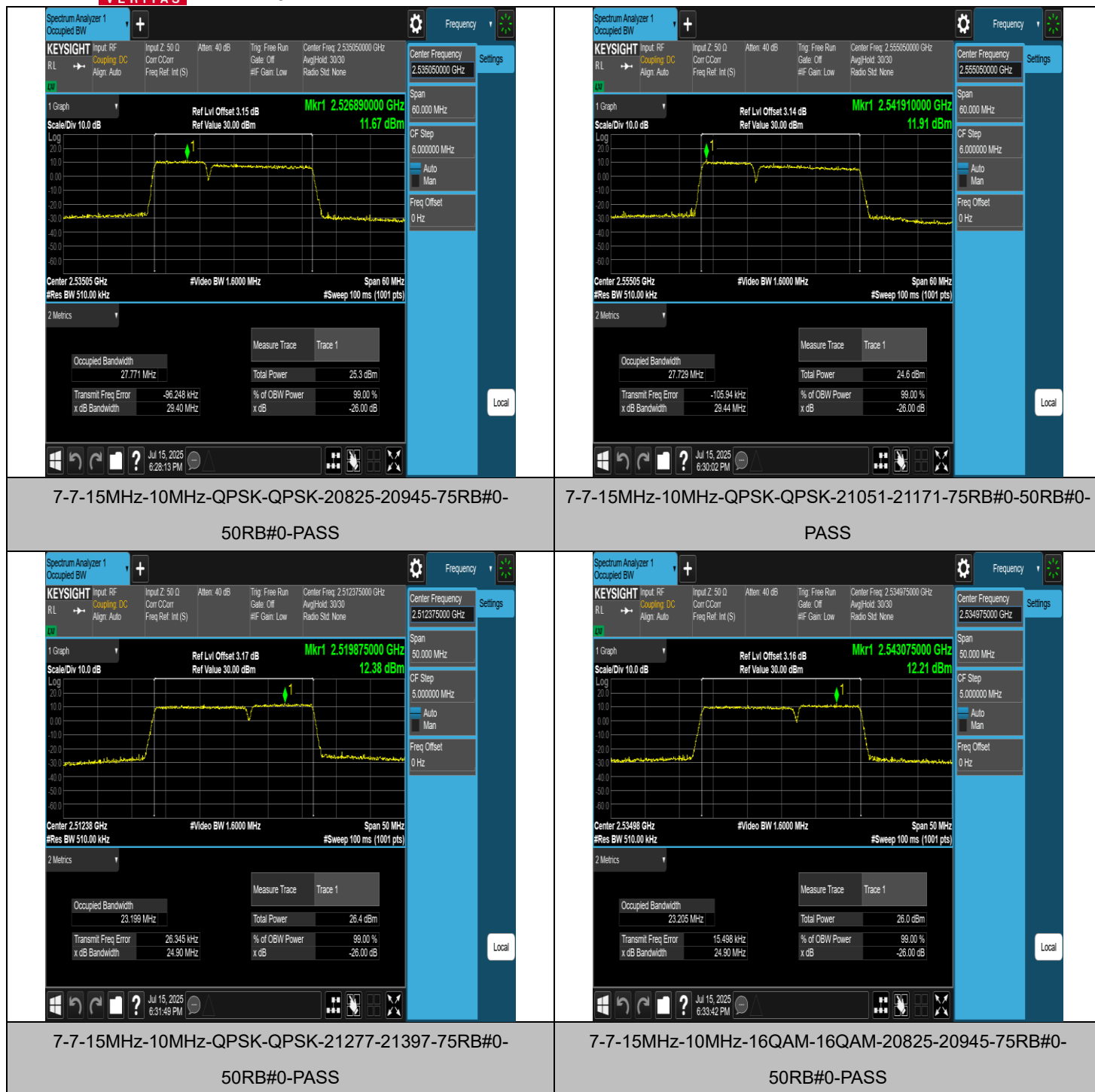


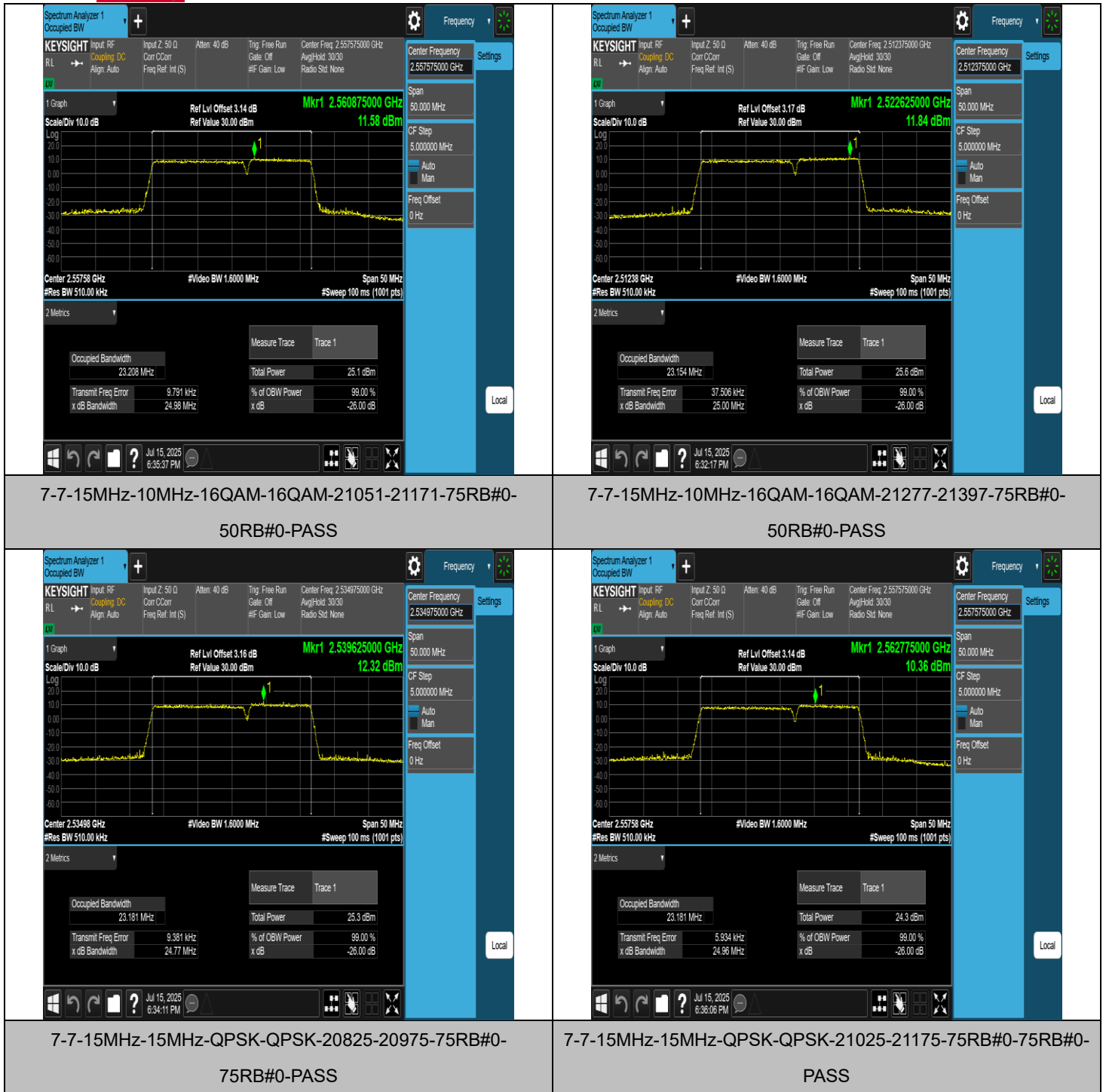
7-7-10MHz-20MHz-16QAM-16QAM-20805-20949-50RB#0-
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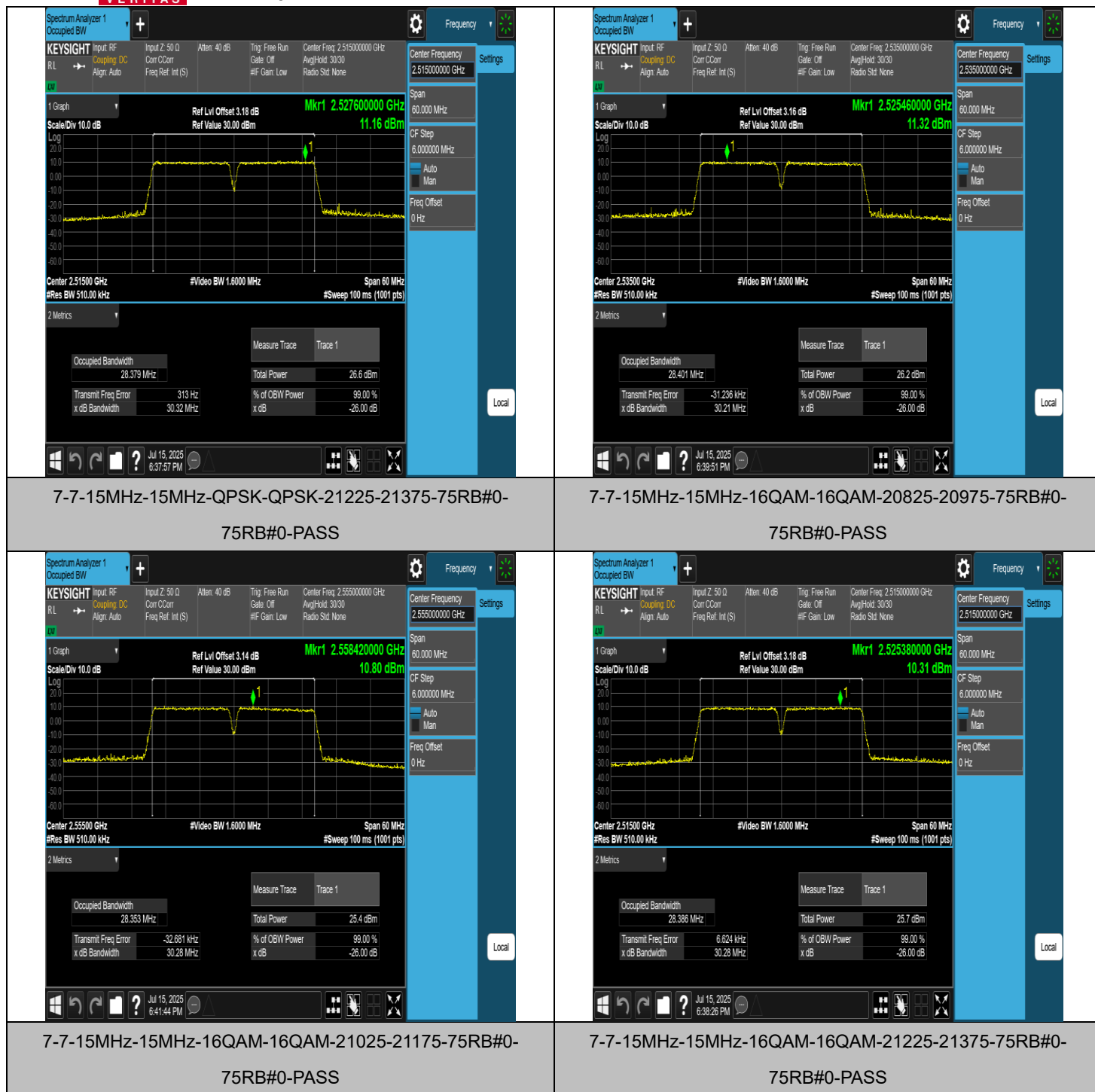


7-7-10MHz-20MHz-16QAM-16QAM-21006-21150-50RB#0-
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7-7-10MHz-20MHz-16QAM-16QAM-21206-21350-50RB#0-
100RB#0-PASS



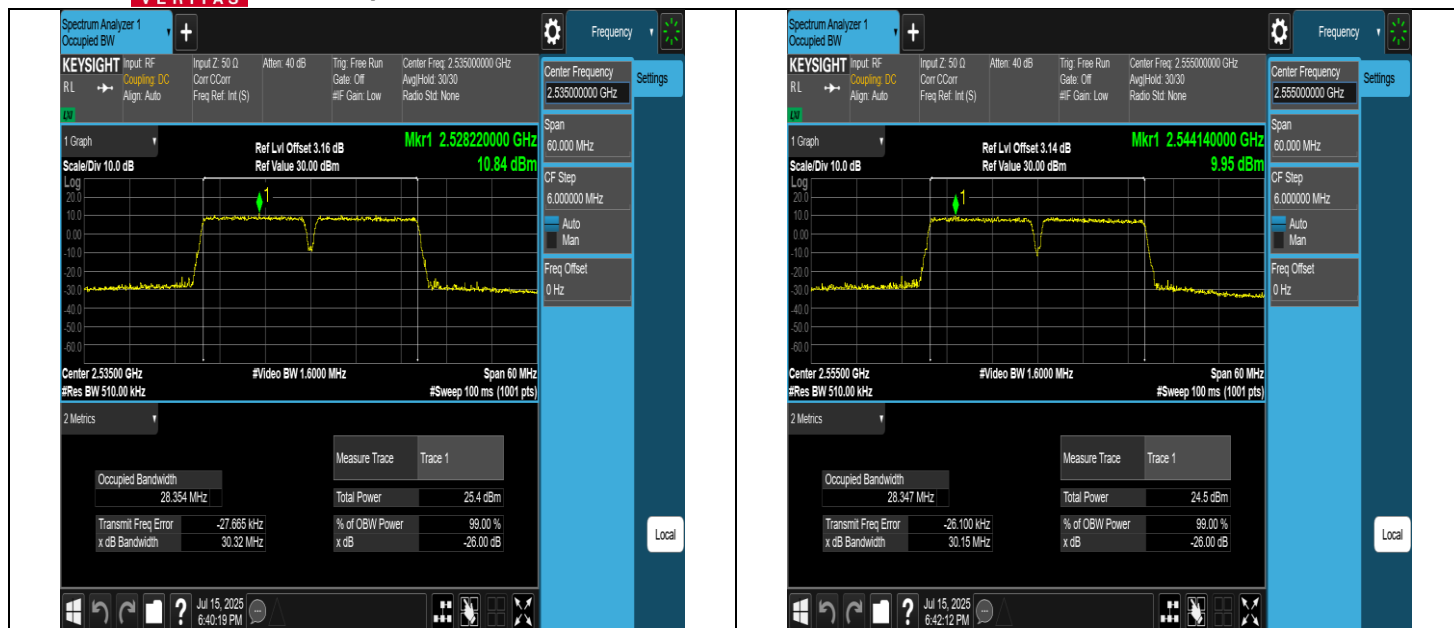






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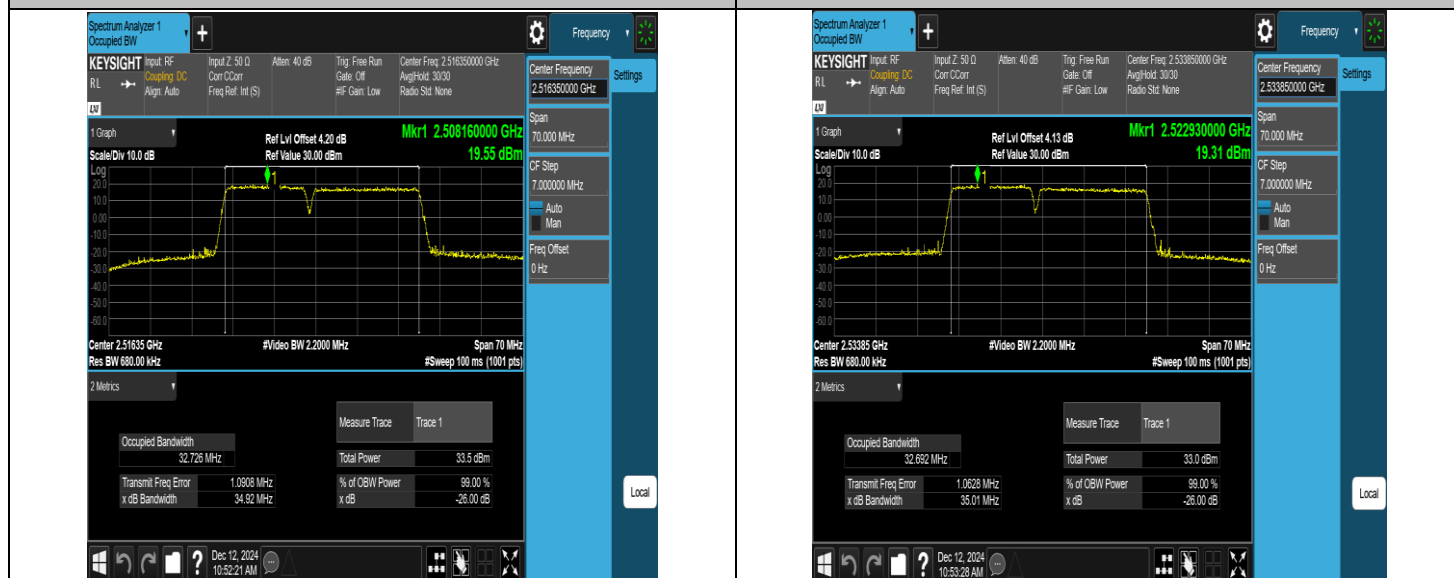


7-7-15MHz-20MHz-QPSK-QPSK-20828-20999-75RB#0-

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7-7-15MHz-20MHz-QPSK-QPSK-21003-21174-75RB#0-

100RB#0-PASS



7-7-15MHz-20MHz-QPSK-QPSK-21179-21350-75RB#0-

100RB#0-PASS

7-7-15MHz-20MHz-16QAM-16QAM-20828-20999-75RB#0-

100RB#0-PASS



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Test Report No.: PSU-QSU2411180418RF10



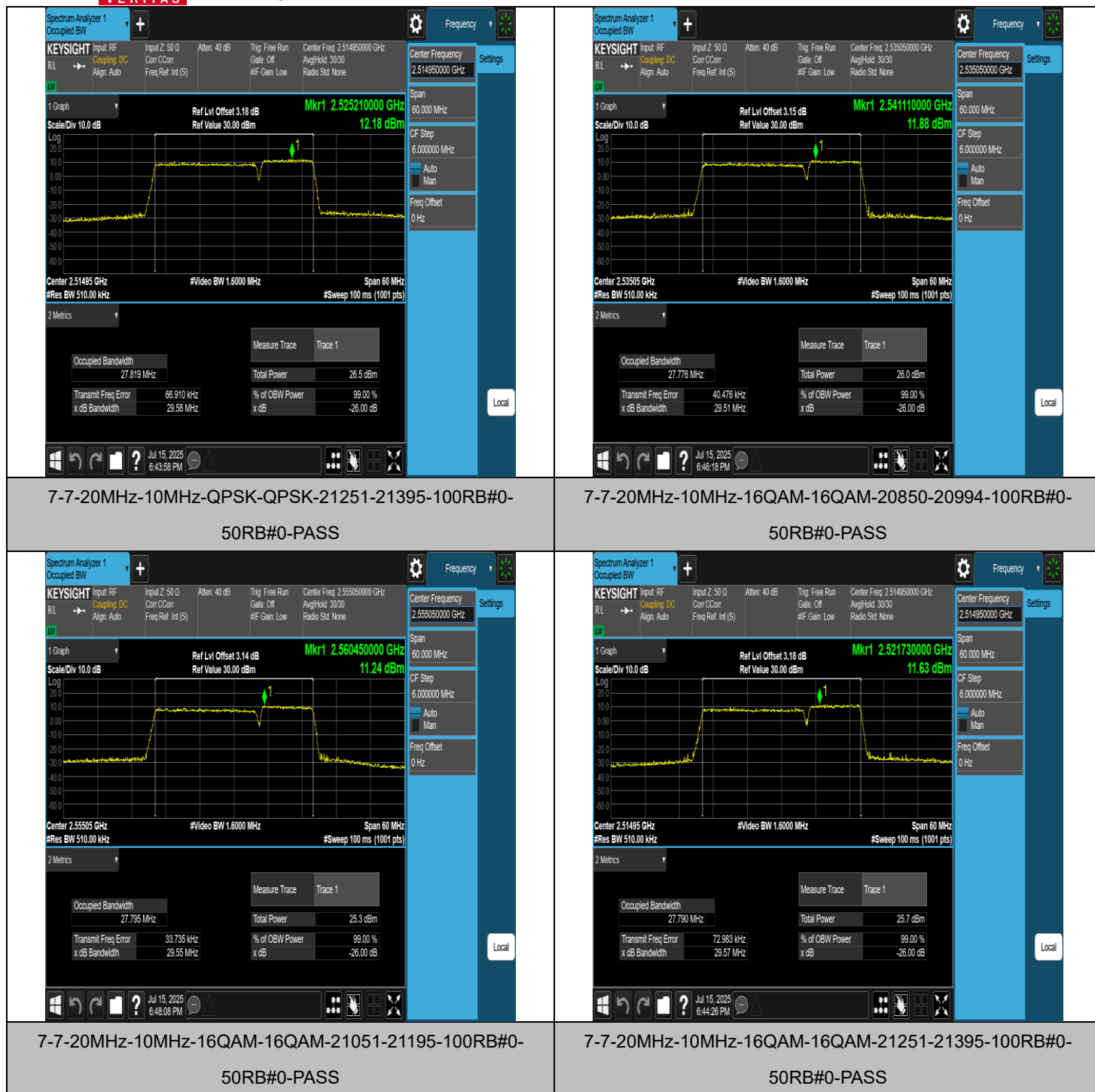
7-7-15MHz-20MHz-16QAM-16QAM-21003-21174-75RB#0-
100RB#0-PASS

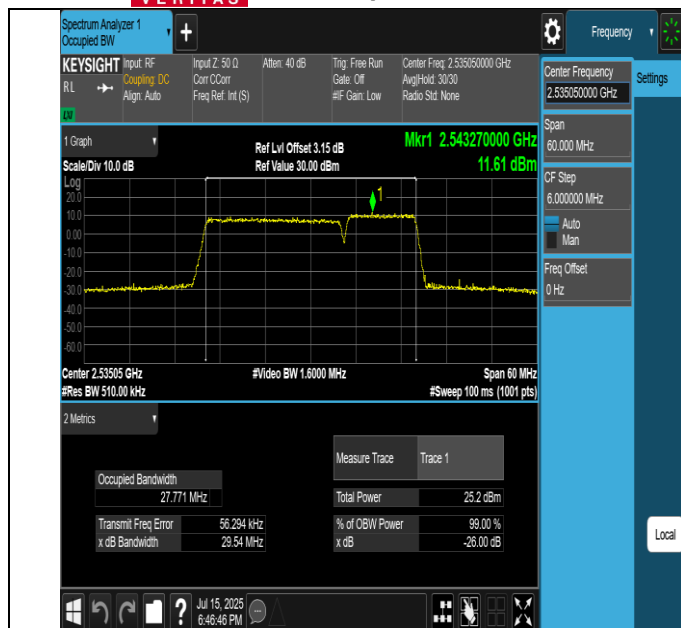
7-7-15MHz-20MHz-16QAM-16QAM-21179-21350-75RB#0-
100RB#0-PASS



7-7-20MHz-10MHz-QPSK-QPSK-20850-20994-100RB#0-
50RB#0-PASS

7-7-20MHz-10MHz-QPSK-QPSK-21051-21195-100RB#0-
50RB#0-PASS





7-7-20MHz-15MHz-QPSK-QPSK-20850-21021-100RB#0-

75RB#0-PASS



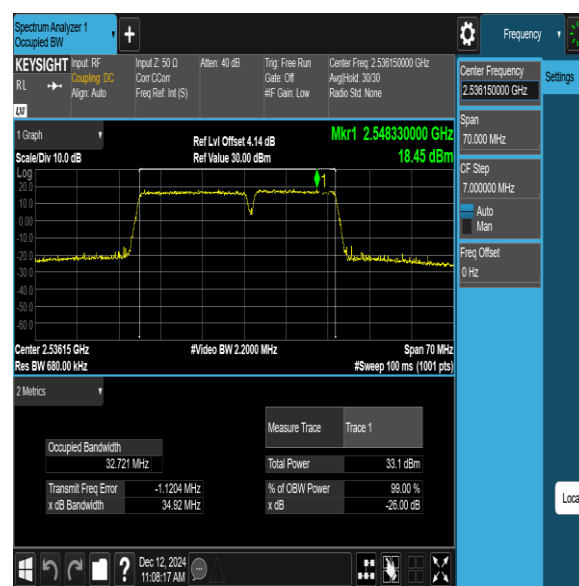
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75RB#0-PASS



7-7-20MHz-15MHz-QPSK-QPSK-21201-21372-100RB#0-

75RB#0-PASS



7-7-20MHz-15MHz-16QAM-16QAM-20850-21021-100RB#0-

75RB#0-PASS



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Test Report No.: PSU-QSU2411180418RF10



7-7-20MHz-15MHz-16QAM-16QAM-21026-21197-100RB#0-
75RB#0-PASS



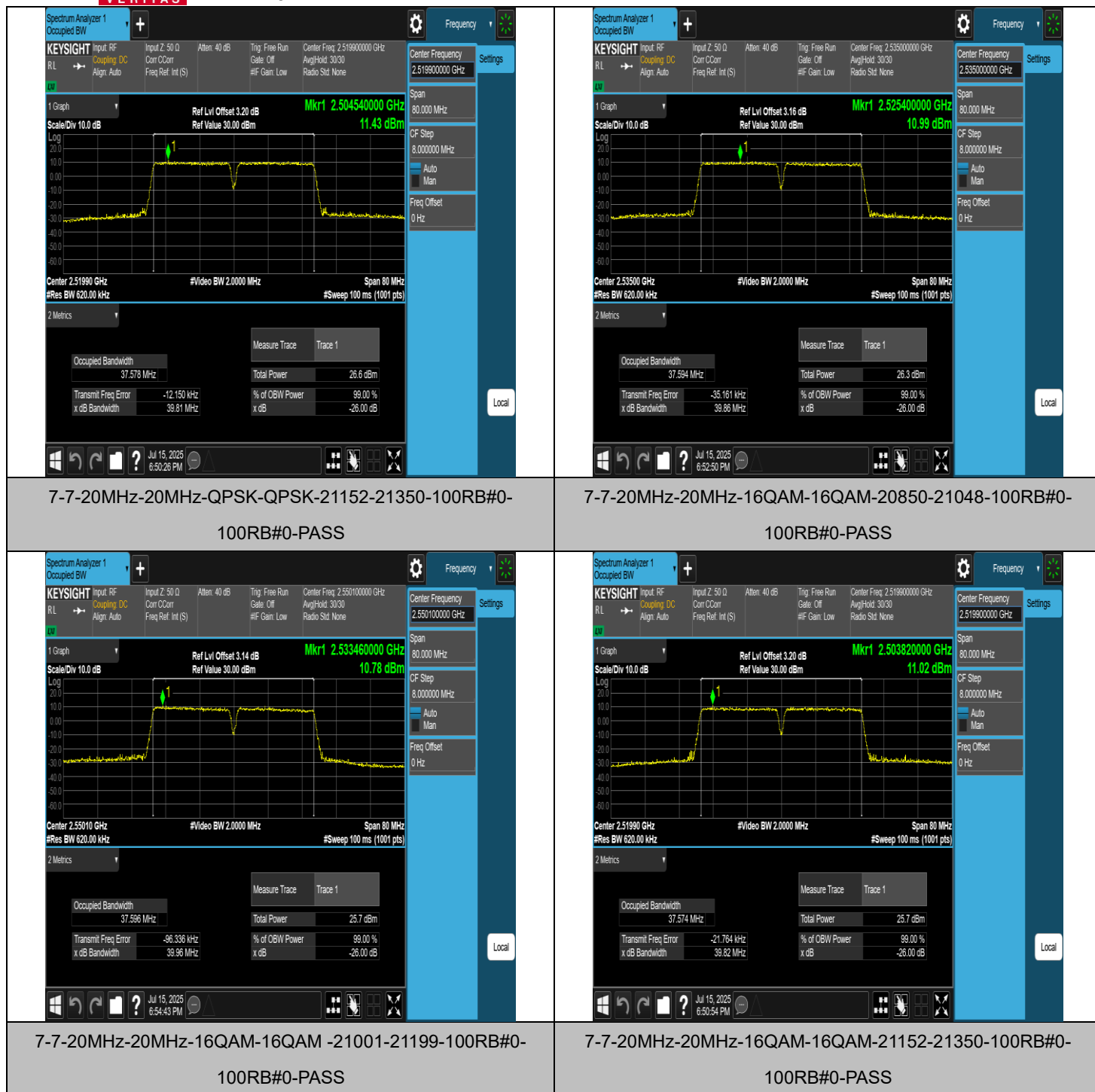
7-7-20MHz-15MHz-16QAM-16QAM-21201-21372-100RB#0-
75RB#0-PASS



7-7-20MHz-20MHz-QPSK-QPSK-20850-21048-100RB#0-
100RB#0-PASS



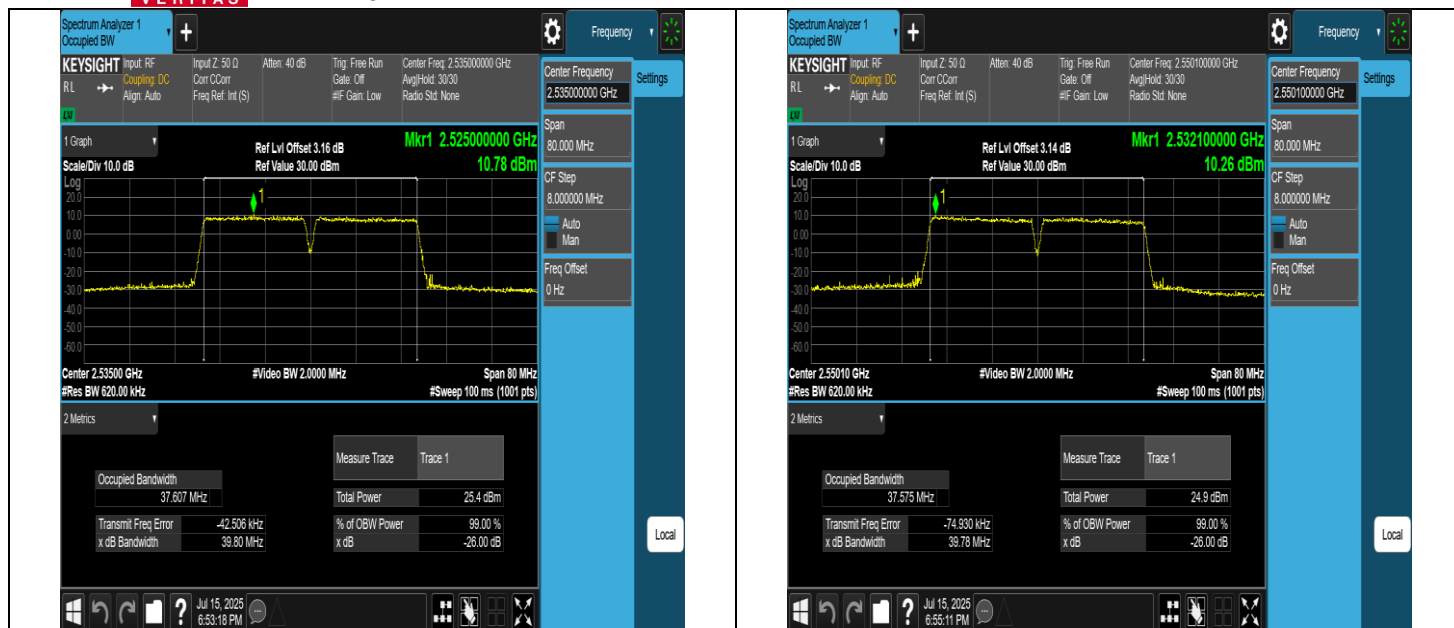
7-7-20MHz-20MHz-QPSK-QPSK-21001-21199-100RB#0-
100RB#0-PASS





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Test Report No.: PSU-QSU2411180418RF10





BAND EDGE

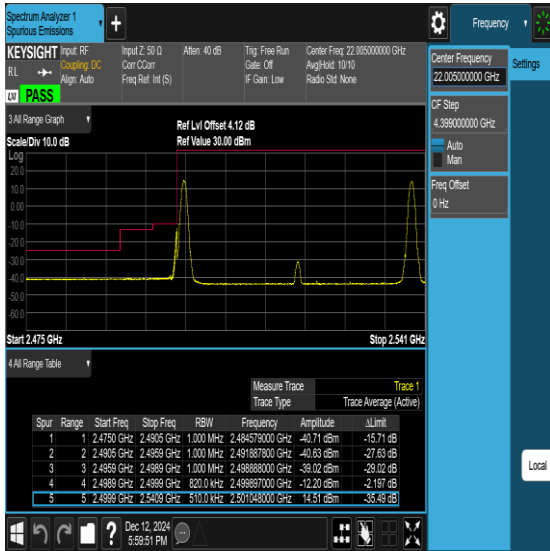
TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
7-7	20MHz- 20MHz	QPSK@QPSK- QPSK@QPSK	20850- 21048	1RB#0@100RB#0- 1RB#99@100RB#0	-12.20	PASS
7-7	20MHz- 20MHz	QPSK@QPSK- QPSK@QPSK	20850- 21048	1RB#99@100RB#0- 1RB#0@100RB#0	-40.64	PASS
7-7	20MHz- 20MHz	QPSK@QPSK- QPSK@QPSK	20850- 21048	100RB#0@100RB#0- 100RB#0@100RB#0	-33.57	PASS
7-7	20MHz- 20MHz	QPSK@QPSK- QPSK@QPSK	21152- 21350	1RB#0@100RB#0- 1RB#99@100RB#0	-14.80	PASS
7-7	20MHz- 20MHz	QPSK@QPSK- QPSK@QPSK	21152- 21350	1RB#99@100RB#0- 1RB#0@100RB#0	-40.75	PASS
7-7	20MHz- 20MHz	QPSK@QPSK- QPSK@QPSK	21152- 21350	100RB#0@100RB#0- 100RB#0@100RB#0	-40.71	PASS
7-7	20MHz- 20MHz	16QAM@16QAM- 16QAM@16QAM	20850- 21048	1RB#0@100RB#0- 1RB#99@100RB#0	-12.08	PASS
7-7	20MHz- 20MHz	16QAM@16QAM- 16QAM@16QAM	20850- 21048	1RB#99@100RB#0- 1RB#0@100RB#0	-40.18	PASS
7-7	20MHz- 20MHz	16QAM@16QAM- 16QAM@16QAM	20850- 21048	100RB#0@100RB#0- 100RB#0@100RB#0	-34.07	PASS
7-7	20MHz- 20MHz	16QAM@16QAM- 16QAM@16QAM	21152- 21350	1RB#0@100RB#0- 1RB#99@100RB#0	-14.82	PASS
7-7	20MHz- 20MHz	16QAM@16QAM- 16QAM@16QAM	21152- 21350	1RB#99@100RB#0- 1RB#0@100RB#0	-40.72	PASS
7-7	20MHz- 20MHz	16QAM@16QAM- 16QAM@16QAM	21152- 21350	100RB#0@100RB#0- 100RB#0@100RB#0	-40.75	PASS

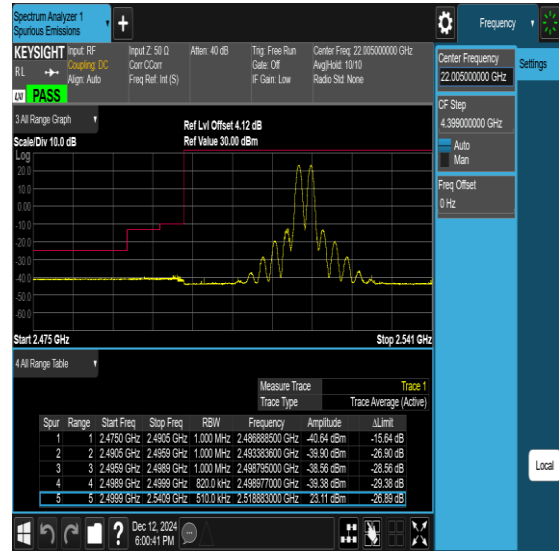


TEST GRAPHS

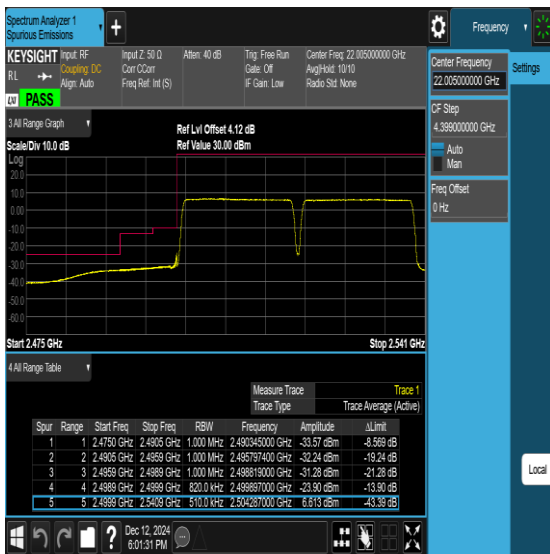
7-7-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-20850-21048-
1RB#0@100RB#0-1RB#99@100RB#0-PASS



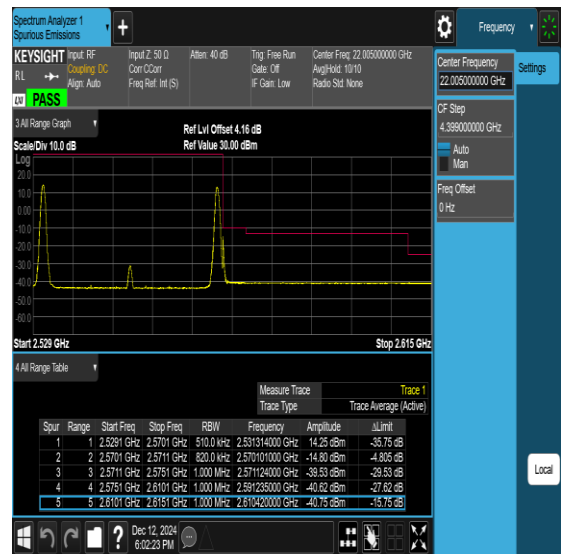
7-7-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-20850-21048-
1RB#99@100RB#0-1RB#0@100RB#0-PASS



7-7-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-20850-21048-
100RB#0@100RB#0-100RB#0@100RB#0-PASS

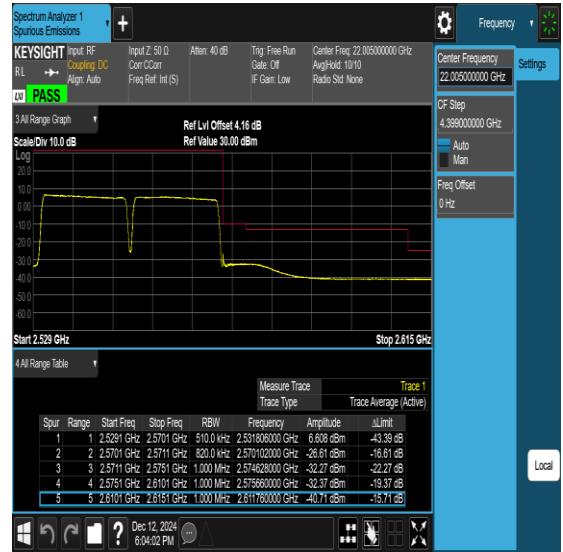
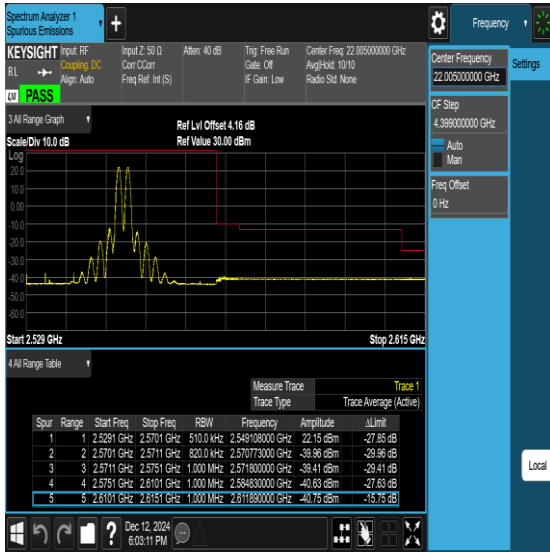


7-7-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-21152-21350-
1RB#0@100RB#0-1RB#99@100RB#0-PASS



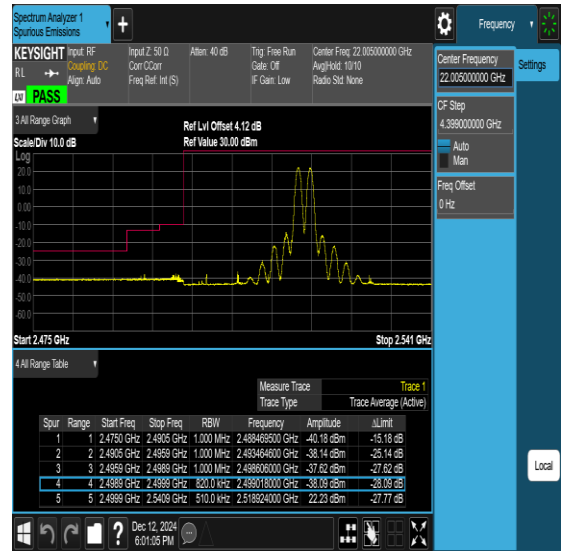
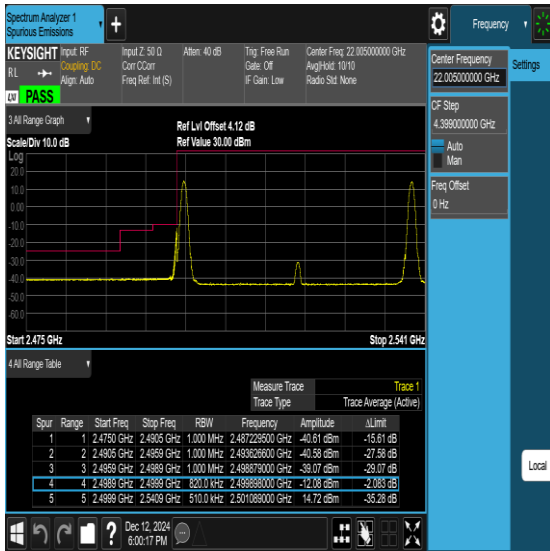
7-7-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-21152-21350-
1RB#99@100RB#0-1RB#0@100RB#0-PASS

7-7-20MHz-20MHz-QPSK@QPSK-QPSK@QPSK-21152-21350-
100RB#0@100RB#0-100RB#0@100RB#0-PASS



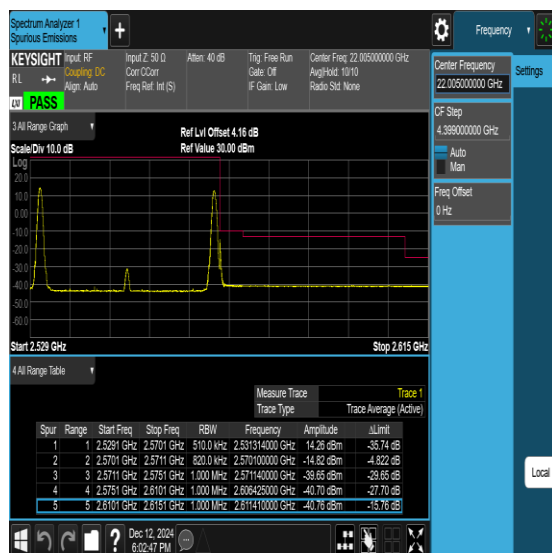
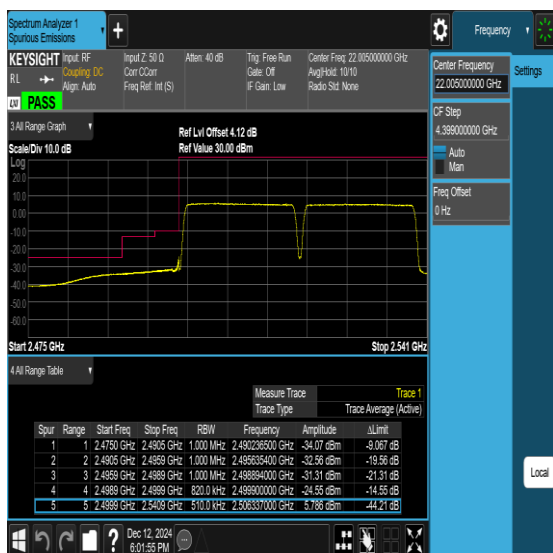
7-7-20MHz-20MHz-16QAM@16QAM-16QAM@16QAM-20850-
21048-1RB#0@100RB#0-1RB#99@100RB#0-PASS

7-7-20MHz-20MHz-16QAM@16QAM-16QAM@16QAM-20850-
21048-1RB#99@100RB#0-1RB#0@100RB#0-PASS



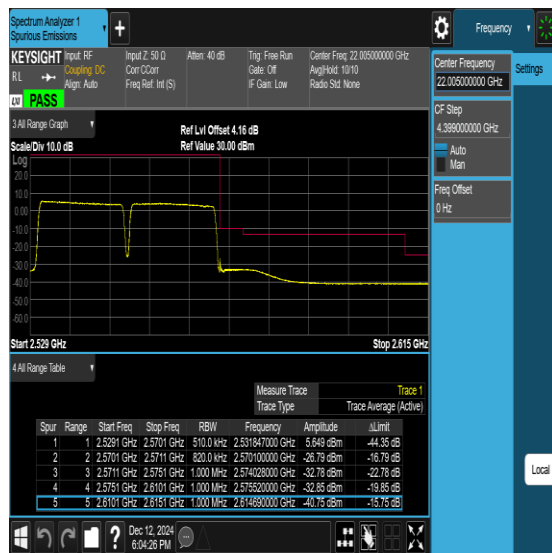
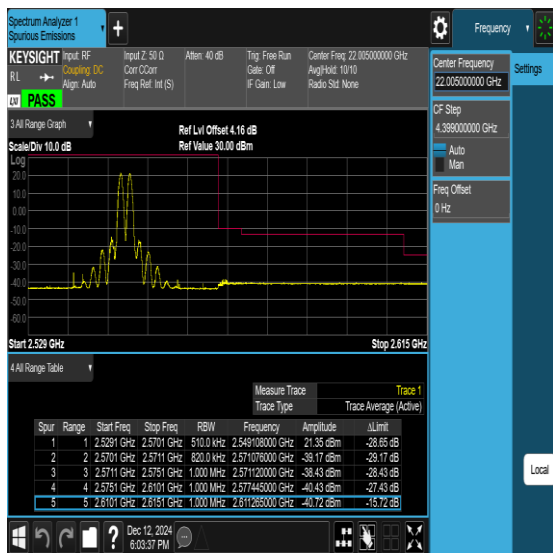
7-7-20MHz-20MHz-16QAM@16QAM-16QAM@16QAM-20850-
21048-100RB#0@100RB#0-100RB#0@100RB#0-PASS

7-7-20MHz-20MHz-16QAM@16QAM-16QAM@16QAM-21152-
21350-1RB#0@100RB#0-1RB#99@100RB#0-PASS



7-7-20MHz-20MHz-16QAM@16QAM-16QAM@16QAM-21152-
21350-1RB#99@100RB#0-1RB#0@100RB#0-PASS

7-7-20MHz-20MHz-16QAM@16QAM-16QAM@16QAM-21152-
21350-100RB#0@100RB#0-100RB#0@100RB#0-PASS





CONDUCTED SPURIOUS EMISSION

TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
7-7	20MHz-20MHz	QPSK-QPSK	20850-21048	1RB#99-1RB#0	30~1000MHz	-65.66	PASS
7-7	20MHz-20MHz	QPSK-QPSK	20850-21048	1RB#99-1RB#0	1000~3000MHz	-48.01	PASS
7-7	20MHz-20MHz	QPSK-QPSK	20850-21048	1RB#99-1RB#0	3000~18000MHz	-44.86	PASS
7-7	20MHz-20MHz	QPSK-QPSK	20850-21048	1RB#99-1RB#0	18000~27000MHz	-38.04	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	1RB#99-1RB#0	30~1000MHz	-64.9	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	1RB#99-1RB#0	1000~3000MHz	-48.55	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	1RB#99-1RB#0	3000~18000MHz	-44.96	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	1RB#99-1RB#0	18000~27000MHz	-38.17	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152-21350	1RB#99-1RB#0	30~1000MHz	-65.94	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152-21350	1RB#99-1RB#0	1000~3000MHz	-49.11	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152-21350	1RB#99-1RB#0	3000~18000MHz	-44.58	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152-21350	1RB#99-1RB#0	18000~27000MHz	-37.96	PASS

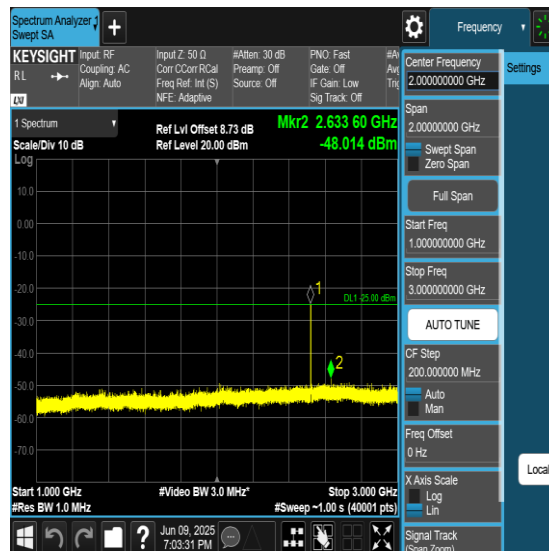


TEST GRAPHS

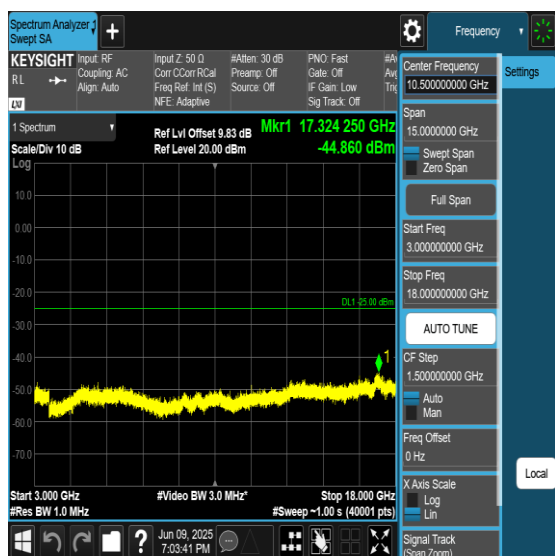
7-7-20MHz-20MHz-QPSK-QPSK-20850-21048-1RB#99-1RB#0-
30~1000MHz-PASS



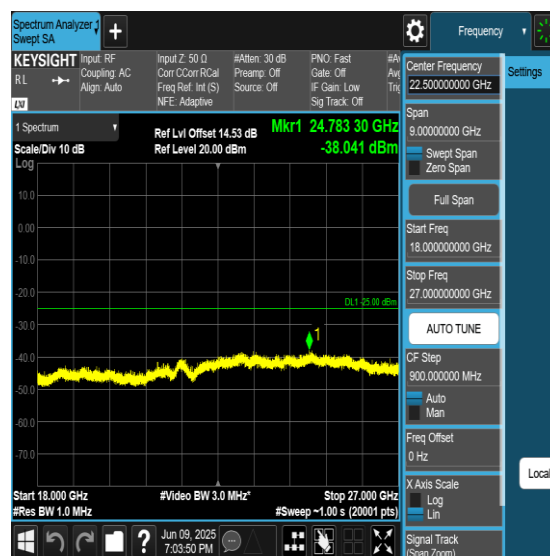
7-7-20MHz-20MHz-QPSK-QPSK-20850-21048-1RB#99-1RB#0-
1000~3000MHz-PASS



7-7-20MHz-20MHz-QPSK-QPSK-20850-21048-1RB#99-1RB#0-
3000~18000MHz-PASS

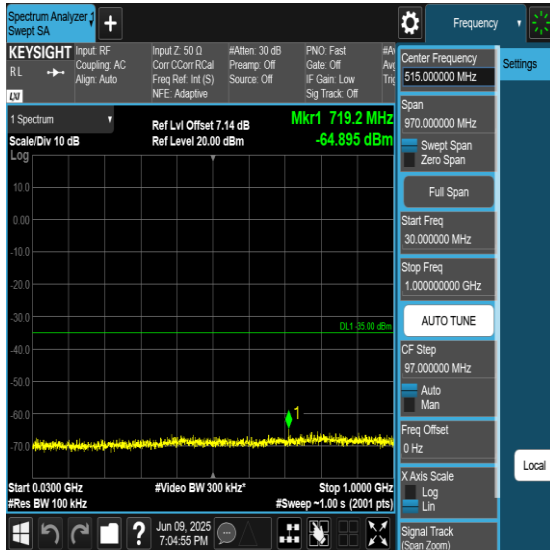


7-7-20MHz-20MHz-QPSK-QPSK-20850-21048-1RB#99-1RB#0-
18000~27000MHz-PASS

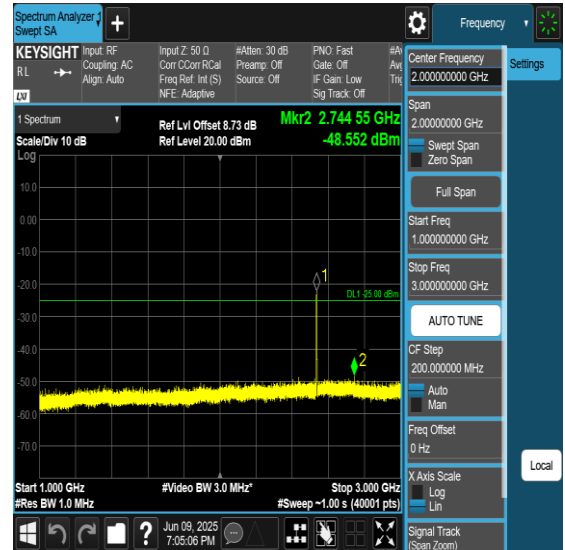


7-7-20MHz-20MHz-QPSK-QPSK-21001-21199-1RB#99-1RB#0-
30~1000MHz-PASS

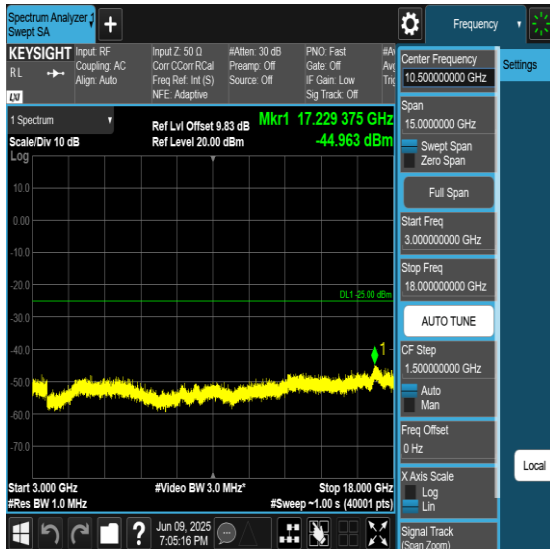
7-7-20MHz-20MHz-QPSK-QPSK-21001-21199-1RB#99-1RB#0-
1000~3000MHz-PASS



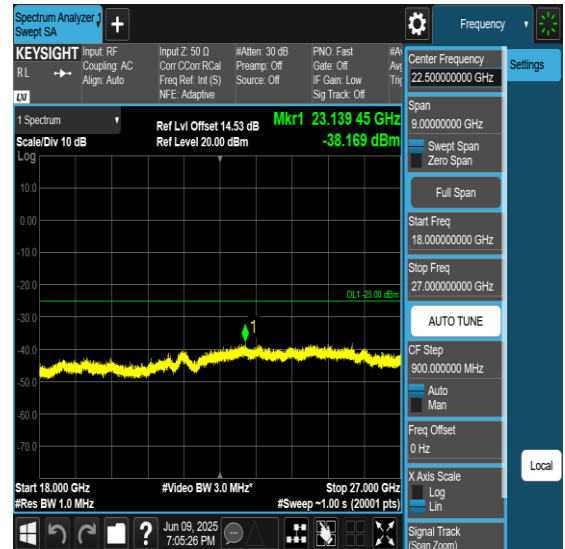
7-7-20MHz-20MHz-QPSK-QPSK-21001-21199-1RB#99-1RB#0-
3000~18000MHz-PASS



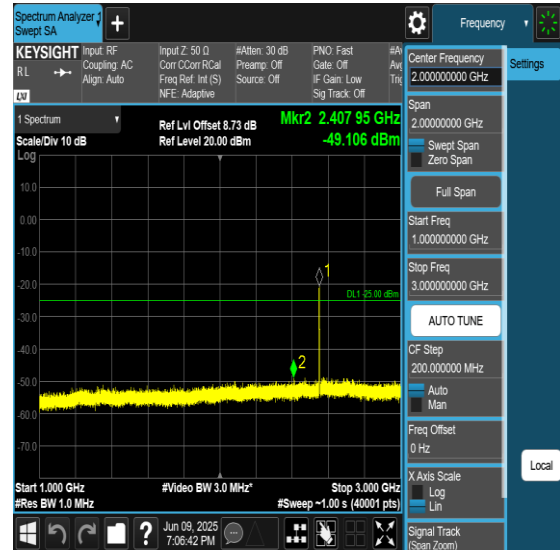
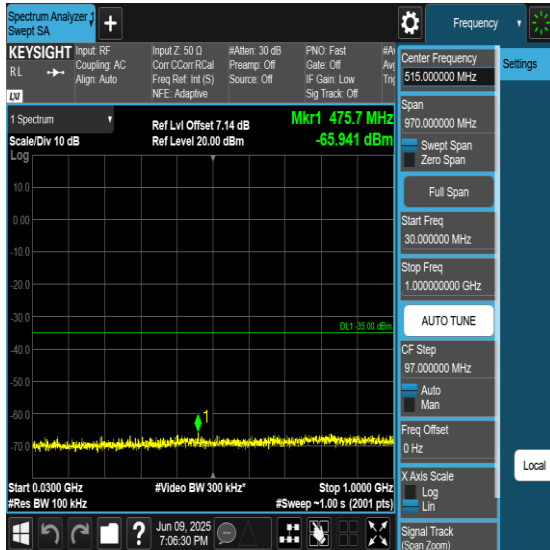
7-7-20MHz-20MHz-QPSK-QPSK-21001-21199-1RB#99-1RB#0-
18000~27000MHz-PASS



7-7-20MHz-20MHz-QPSK-QPSK-21152-21350-1RB#99-1RB#0-
30~1000MHz-PASS



7-7-20MHz-20MHz-QPSK-QPSK-21152-21350-1RB#99-1RB#0-
1000~3000MHz-PASS



7-7-20MHz-20MHz-QPSK-QPSK-21152-21350-1RB#99-1RB#0-
3000~18000MHz-PASS

7-7-20MHz-20MHz-QPSK-QPSK-21152-21350-1RB#99-1RB#0-
18000~27000MHz-PASS

