APPENDIX I

LTE BAND7C

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	27.926	29.75	PASS
7-7	10MHz-20MHz	QPSK-QPSK	21006-21150	50RB#0-100RB#0	27.831	29.83	PASS
7-7	10MHz-20MHz	QPSK-QPSK	21206-21350	50RB#0-100RB#0	27.846	29.81	PASS
7-7	10MHz-20MHz	16QAM-16QAM	20805-20949	50RB#0-100RB#0	27.896	29.66	PASS
7-7	10MHz-20MHz	16QAM-16QAM	21006-21150	50RB#0-100RB#0	27.827	29.70	PASS
7-7	10MHz-20MHz	16QAM-16QAM	21206-21350	50RB#0-100RB#0	27.842	29.71	PASS
7-7	15MHz-10MHz	QPSK-QPSK	20825-20945	75RB#0-50RB#0	23.220	24.89	PASS
7-7	15MHz-10MHz	QPSK-QPSK	21051-21171	75RB#0-50RB#0	23.191	24.90	PASS
7-7	15MHz-10MHz	QPSK-QPSK	21277-21397	75RB#0-50RB#0	23.206	24.92	PASS
7-7	15MHz-10MHz	16QAM-16QAM	20825-20945	75RB#0-50RB#0	23.204	24.88	PASS
7-7	15MHz-10MHz	16QAM-16QAM	21051-21171	75RB#0-50RB#0	23.209	24.90	PASS
7-7	15MHz-10MHz	16QAM-16QAM	21277-21397	75RB#0-50RB#0	23.179	24.74	PASS
7-7	15MHz-15MHz	QPSK-QPSK	20825-20975	75RB#0-75RB#0	28.462	30.55	PASS
7-7	15MHz-15MHz	QPSK-QPSK	21025-21175	75RB#0-75RB#0	28.425	30.45	PASS
7-7	15MHz-15MHz	QPSK-QPSK	21225-21375	75RB#0-75RB#0	28.482	30.47	PASS
7-7	15MHz-15MHz	16QAM-16QAM	20825-20975	75RB#0-75RB#0	28.441	30.59	PASS
7-7	15MHz-15MHz	16QAM-16QAM	21025-21175	75RB#0-75RB#0	28.422	30.39	PASS
7-7	15MHz-15MHz	16QAM-16QAM	21225-21375	75RB#0-75RB#0	28.441	30.38	PASS
7-7	15MHz-20MHz	QPSK-QPSK	20828-20999	75RB#0-100RB#0	32.755	35.02	PASS
7-7	15MHz-20MHz	QPSK-QPSK	21003-21174	75RB#0-100RB#0	32.762	35.05	PASS
7-7	15MHz-20MHz	QPSK-QPSK	21179-21350	75RB#0-100RB#0	32.726	35.00	PASS
7-7	15MHz-20MHz	16QAM-16QAM	20828-20999	75RB#0-100RB#0	32.754	35.06	PASS
7-7	15MHz-20MHz	16QAM-16QAM	21003-21174	75RB#0-100RB#0	32.733	35.01	PASS
7-7	15MHz-20MHz	16QAM-16QAM	21179-21350	75RB#0-100RB#0	32.741	34.94	PASS
7-7	20MHz-10MHz	QPSK-QPSK	20850-20994	100RB#0-50RB#0	27.883	29.80	PASS
7-7	20MHz-10MHz	QPSK-QPSK	21051-21195	100RB#0-50RB#0	27.859	29.76	PASS
7-7	20MHz-10MHz	QPSK-QPSK	21251-21395	100RB#0-50RB#0	27.837	29.81	PASS
7-7	20MHz-10MHz	16QAM-16QAM	20850-20994	100RB#0-50RB#0	27.850	29.72	PASS
7-7	20MHz-10MHz	16QAM-16QAM	21051-21195	100RB#0-50RB#0	27.814	29.75	PASS
7-7	20MHz-10MHz	16QAM-16QAM	21251-21395	100RB#0-50RB#0	27.865	29.62	PASS
7-7	20MHz-15MHz	QPSK-QPSK	20850-21021	100RB#0-75RB#0	32.777	35.10	PASS
7-7	20MHz-15MHz	QPSK-QPSK	21026-21197	100RB#0-75RB#0	32.740	35.00	PASS
7-7	20MHz-15MHz	QPSK-QPSK	21201-21372	100RB#0-75RB#0	32.720	34.87	PASS
7-7	20MHz-15MHz	16QAM-16QAM	20850-21021	100RB#0-75RB#0	32.748	34.95	PASS
7-7	20MHz-15MHz	16QAM-16QAM	21026-21197	100RB#0-75RB#0	32.767	35.08	PASS
7-7	20MHz-15MHz	16QAM-16QAM	21201-21372	100RB#0-75RB#0	32.745	35.08	PASS
7-7	20MHz-20MHz	QPSK-QPSK	20850-21048	100RB#0-100RB#0	37.707	40.38	PASS

7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	100RB#0-100RB#0	37.694	40.21	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152-21350	100RB#0-100RB#0	37.717	40.36	PASS
7-7	20MHz-20MHz	16QAM-16QAM	20850-21048	100RB#0-100RB#0	37.695	40.29	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21001-21199	100RB#0-100RB#0	37.612	40.16	PASS
7-7	20MHz-20MHz	16QAM-16QAM	21152-21350	100RB#0-100RB#0	37.664	40.19	PASS

TEST GRAPHS

7-7-10MHz-20MHz-QPSK-QPSK-20805-20949-50RB#0-100RB#0-PASS

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#0-100RB#0-PASS

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

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

7-7-15MHz-10MHz-QPSK-QPSK-20825-20945-75RB#0-50RB#0-PASS

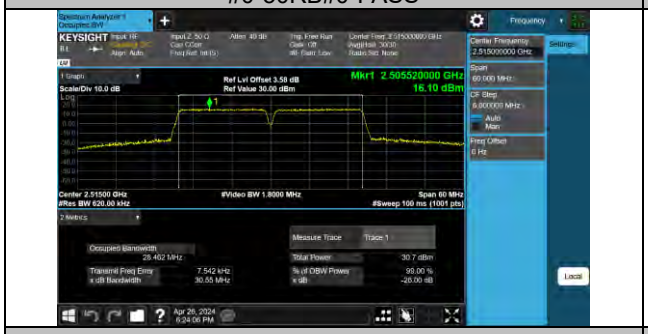
7-7-15MHz-10MHz-QPSK-QPSK-21051-21171-75RB#0-50RB#0-PASS

7-7-15MHz-10MHz-QPSK-QPSK-21277-21397-75RB#0-50RB#0-PASS

7-7-15MHz-10MHz-16QAM-16QAM-20825-20945-75RB#0-50RB#0-PASS

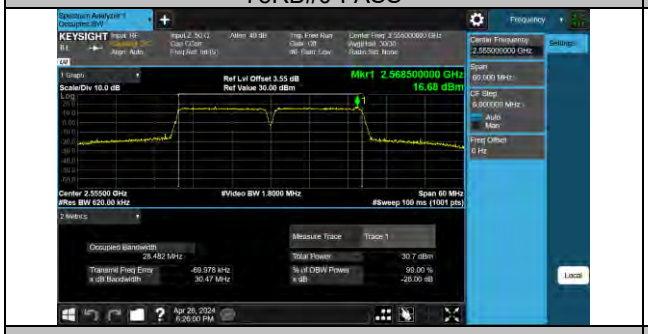
7-7-15MHz-10MHz-16QAM-16QAM-21051-21171-75RB#0-50RB#0-PASS

7-7-15MHz-10MHz-16QAM-16QAM-21277-21397-75RB#0-50RB#0-PASS



7-7-15MHz-15MHz-QPSK-QPSK-20825-20975-75RB#0-75RB#0-PASS

7-7-15MHz-15MHz-QPSK-QPSK-21025-21175-75RB#0-75RB#0-PASS



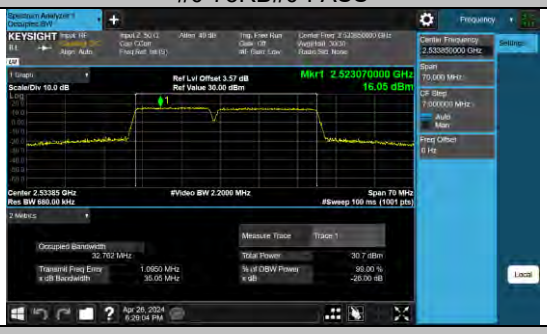
7-7-15MHz-15MHz-QPSK-QPSK-21225-21375-75RB#0-75RB#0-PASS

7-7-15MHz-15MHz-16QAM-16QAM-20825-20975-75RB#0-75RB#0-PASS

7-7-15MHz-15MHz-16QAM-16QAM-21025-21175-75RB #0-75RB#0-PASS

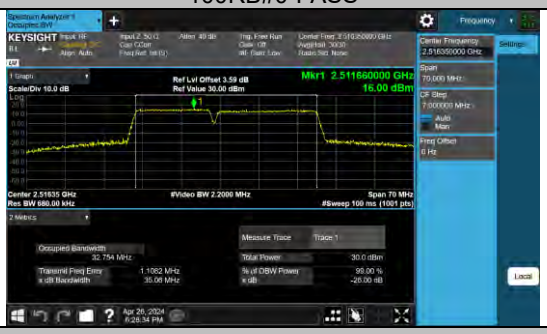
7-7-15MHz-15MHz-16QAM-16QAM-21225-21375-75RB #0-75RB#0-PASS

7-7-15MHz-20MHz-QPSK-QPSK-20828-20999-75RB#0-100RB#0-PASS



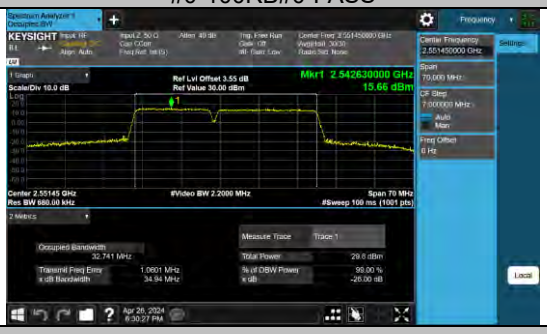
7-7-15MHz-20MHz-QPSK-QPSK-21003-21174-75RB#0-100RB#0-PASS

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

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

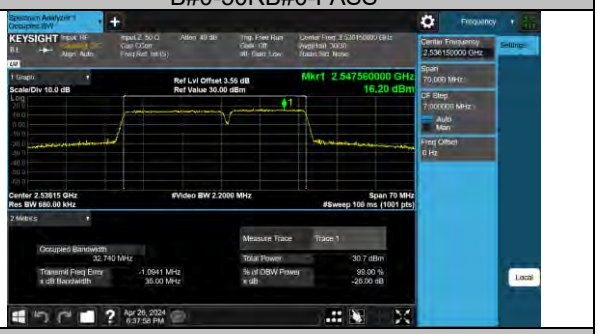
7-7-20MHz-10MHz-QPSK-QPSK-21251-21395-100RB#0-50RB#0-PASS

7-7-20MHz-10MHz-16QAM-16QAM-20850-20994-100RB#0-50RB#0-PASS

7-7-20MHz-10MHz-16QAM-16QAM-21051-21195-100RB#0-50RB#0-PASS

7-7-20MHz-10MHz-16QAM-16QAM-21251-21395-100RB#0-50RB#0-PASS

7-7-20MHz-15MHz-QPSK-QPSK-20850-21021-100RB#0-75RB#0-PASS



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

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

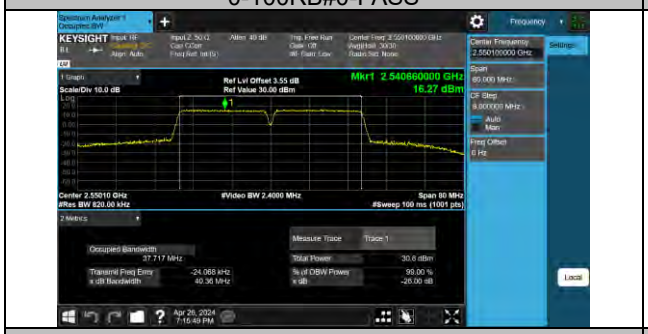
7-7-20MHz-15MHz-16QAM-16QAM-20850-21021-100RB#0-75RB#0-PASS

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

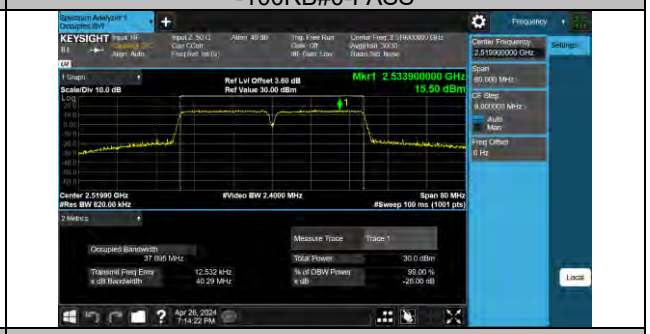
7-7-20MHz-15MHz-16QAM-16QAM-21201-21372-100RB#0-75RB#0-PASS

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

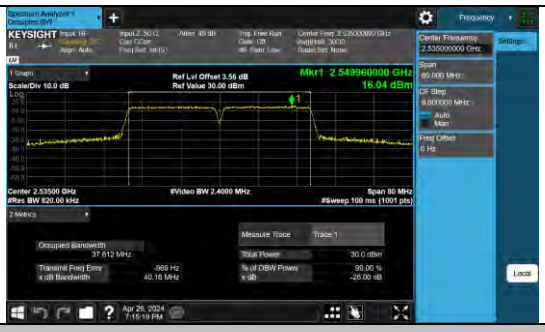
7-7-20MHz-20MHz-QPSK-QPSK-21001-21199-100RB#0-100RB#0-PASS



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



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

	
7-7-20MHz-20MHz-16QAM-16QAM-21001-21199-100RB#0-100RB#0-PASS	7-7-20MHz-20MHz-16QAM-16QAM-21152-21350-100RB#0-100RB#0-PASS

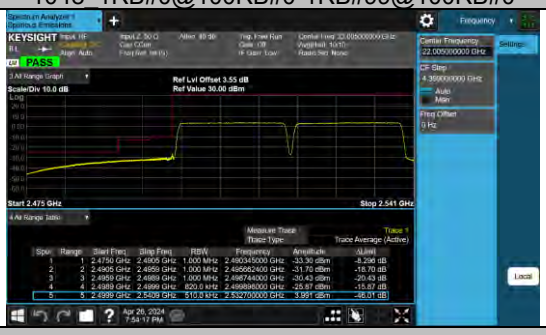
BAND EDGE
TEST RESULT

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	-14.85	PASS
7-7	20MHz-20MHz	QPSK@QPSK-QPSK@QPSK	20850-21048	1RB#99@100RB#0-1RB#0@100RB#0	-46.12	PASS
7-7	20MHz-20MHz	QPSK@QPSK-QPSK@QPSK	20850-21048	100RB#0@100RB#0-100RB#0@100RB#0	-33.30	PASS
7-7	20MHz-20MHz	QPSK@QPSK-QPSK@QPSK	21152-21350	1RB#0@100RB#0-1RB#99@100RB#0	-15.43	PASS
7-7	20MHz-20MHz	QPSK@QPSK-QPSK@QPSK	21152-21350	1RB#99@100RB#0-1RB#0@100RB#0	-46.74	PASS
7-7	20MHz-20MHz	QPSK@QPSK-QPSK@QPSK	21152-21350	100RB#0@100RB#0-100RB#0@100RB#0	-26.41	PASS
7-7	20MHz-20MHz	16QAM@16QAM-16QAM@16QAM	20850-21048	1RB#0@100RB#0-1RB#99@100RB#0	-14.75	PASS
7-7	20MHz-20MHz	16QAM@16QAM-16QAM@16QAM	20850-21048	1RB#99@100RB#0-1RB#0@100RB#0	-46.80	PASS
7-7	20MHz-20MHz	16QAM@16QAM-16QAM@16QAM	20850-21048	100RB#0@100RB#0-100RB#0@100RB#0	-35.96	PASS
7-7	20MHz-20MHz	16QAM@16QAM-16QAM@16QAM	21152-21350	1RB#0@100RB#0-1RB#99@100RB#0	-15.41	PASS
7-7	20MHz-20MHz	16QAM@16QAM-16QAM@16QAM	21152-21350	1RB#99@100RB#0-1RB#0@100RB#0	-45.18	PASS
7-7	20MHz-20MHz	16QAM@16QAM-16QAM@16QAM	21152-21350	100RB#0@100RB#0-100RB#0@100RB#0	-27.81	PASS

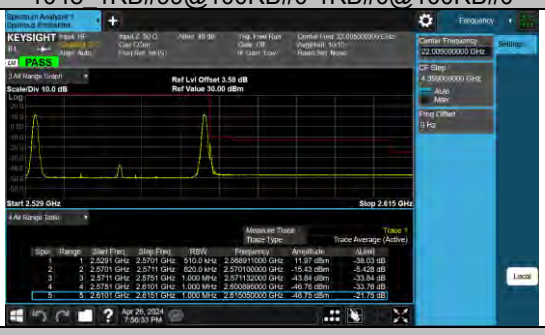
TEST GRAPHS

20MHz-20MHz_QPSK@QPSK-QPSK@QPSK_20850-21048_1RB#0@100RB#0-1RB#99@100RB#0

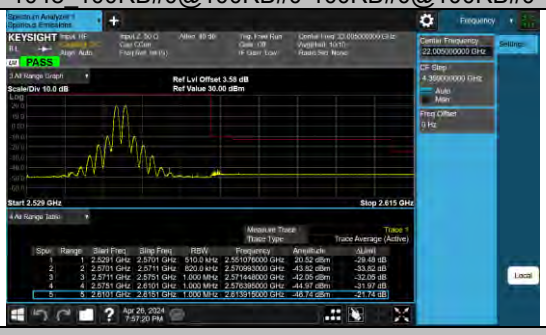
20MHz-20MHz_QPSK@QPSK-QPSK@QPSK_20850-21048_1RB#99@100RB#0-1RB#0@100RB#0



20MHz-20MHz_QPSK@QPSK-QPSK@QPSK_20850-21048_100RB#0@100RB#0-100RB#0@100RB#0

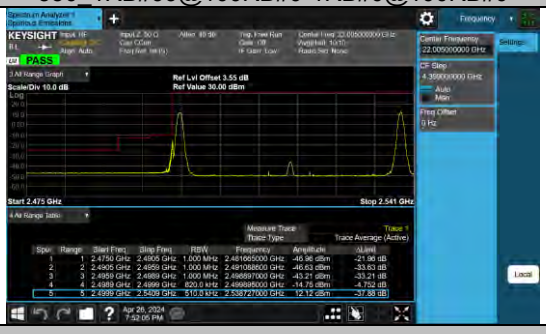


20MHz-20MHz_QPSK@QPSK-QPSK@QPSK_21152-21350_1RB#0@100RB#0-1RB#99@100RB#0

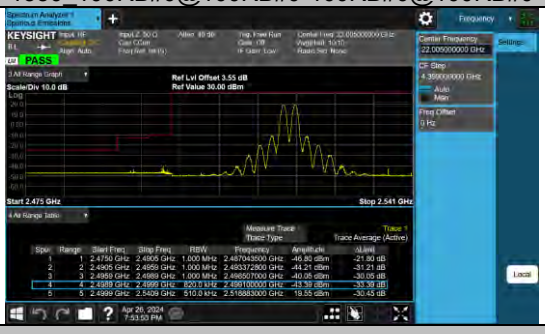


20MHz-20MHz_QPSK@QPSK-QPSK@QPSK_21152-21350_1RB#99@100RB#0-1RB#0@100RB#0

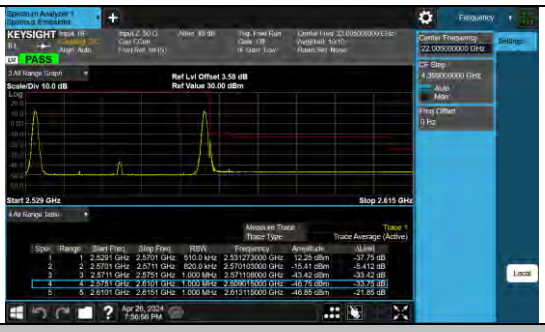
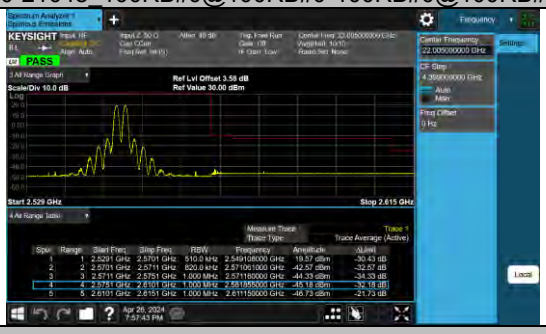
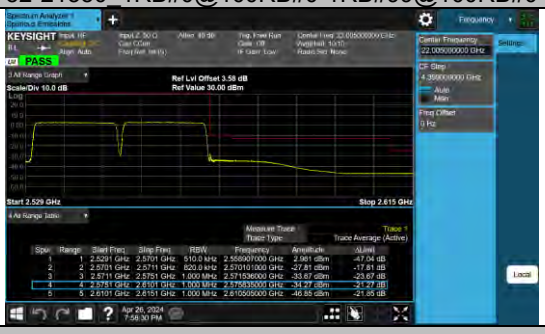
20MHz-20MHz_QPSK@QPSK-QPSK@QPSK_21152-21350_100RB#0@100RB#0-100RB#0@100RB#0



20MHz-20MHz_16QAM@16QAM-16QAM@16QAM_20850-21048_1RB#0@100RB#0-1RB#99@100RB#0



20MHz-20MHz_16QAM@16QAM-16QAM@16QAM_20850-21048_1RB#99@100RB#0-1RB#0@100RB#0

	
20MHz-20MHz_16QAM@16QAM-16QAM@16QAM_20850-21048_100RB#0@100RB#0-100RB#0@100RB#0	20MHz-20MHz_16QAM@16QAM-16QAM@16QAM_21152-21350_1RB#0@100RB#0-1RB#99@100RB#0
	
20MHz-20MHz_16QAM@16QAM-16QAM@16QAM_21152-21350_1RB#99@100RB#0-1RB#0@100RB#0	20MHz-20MHz_16QAM@16QAM-16QAM@16QAM_21152-21350_100RB#0@100RB#0-100RB#0@100RB#0

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	-60.84	PASS
7-7	20MHz-20MHz	QPSK-QPSK	20850-21048	1RB#99-1RB#0	1000~27000MHz	-50.5	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	1RB#99-1RB#0	30~1000MHz	-60.79	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21001-21199	1RB#99-1RB#0	1000~27000MHz	-50.72	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152-21350	1RB#99-1RB#0	30~1000MHz	-60.83	PASS
7-7	20MHz-20MHz	QPSK-QPSK	21152-21350	1RB#99-1RB#0	1000~27000MHz	-50.7	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#0-1000~27000MHz-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#0-1000~27000MHz-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#0-1000~27000MHz-PASS

LTE BAND41C(INCLUDING B38C)

26DB BANDWIDTH AND OCCUPIED BANDWIDTH
TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	22.998	24.44	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	25RB#0-100RB#0	22.964	24.38	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	25RB#0-100RB#0	22.951	24.34	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	25RB#0-100RB#0	22.925	24.33	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	22.962	24.28	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	22.947	24.24	PASS
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	23.184	24.81	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	23.189	24.87	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	23.191	24.86	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	23.173	24.74	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	23.169	24.75	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	23.172	24.77	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	27.857	29.77	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	27.832	29.69	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	50RB#0-100RB#0	27.834	29.68	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	27.813	29.57	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	27.845	29.73	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	27.777	29.69	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	23.168	24.81	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	23.178	24.84	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	75RB#0-50RB#0	23.204	25.00	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	23.171	24.81	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	23.188	24.77	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	23.181	24.93	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	28.420	30.46	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	28.457	30.49	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	13.719	15.52	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	28.375	30.40	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	28.420	30.35	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	13.728	15.43	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	32.709	35.11	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	75RB#0-100RB#0	32.747	34.88	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	75RB#0-100RB#0	32.702	35.13	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	32.675	34.87	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	32.698	34.85	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	32.715	34.84	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	22.920	24.36	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	100RB#0-25RB#0	22.956	24.29	PASS

41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	100RB#0-25RB#0	18.014	19.89	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	22.926	24.32	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	22.908	24.21	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	18.045	19.81	PASS
41-41	20MHz-10MHz	QPSK-QPSK	39750-39894	100RB#0-50RB#0	27.799	31.21	PASS
41-41	20MHz-10MHz	QPSK-QPSK	40571-40715	100RB#0-50RB#0	27.876	30.20	PASS
41-41	20MHz-10MHz	QPSK-QPSK	41391-41535	100RB#0-50RB#0	27.903	31.23	PASS
41-41	20MHz-10MHz	16QAM-16QAM	39750-39894	100RB#0-50RB#0	27.748	29.75	PASS
41-41	20MHz-10MHz	16QAM-16QAM	40571-40715	100RB#0-50RB#0	27.856	30.46	PASS
41-41	20MHz-10MHz	16QAM-16QAM	41391-41535	100RB#0-50RB#0	27.867	30.32	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	32.712	34.95	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	100RB#0-75RB#0	32.223	34.46	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	100RB#0-75RB#0	32.762	34.87	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	100RB#0-75RB#0	32.689	34.90	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	32.305	34.49	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	32.697	35.04	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	37.636	40.18	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	37.145	39.67	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	37.630	40.14	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	100RB#0-100RB#0	37.632	40.12	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	37.203	39.93	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	37.640	40.16	PASS

TEST GRAPHS

41-41-5MHz-20MHz-QPSK-QPSK-39683-39800-25RB#0-100RB#0-PASS

41-41-5MHz-20MHz-QPSK-QPSK-40528-40645-25RB#0-100RB#0-PASS

41-41-5MHz-20MHz-QPSK-QPSK-41373-41490-25RB#0-100RB#0-PASS

41-41-5MHz-20MHz-16QAM-16QAM-39683-39800-25RB#0-100RB#0-PASS

41-41-5MHz-20MHz-16QAM-16QAM-40528-40645-25RB#0-100RB#0-PASS

41-41-5MHz-20MHz-16QAM-16QAM-41373-41490-25RB#0-100RB#0-PASS

41-41-10MHz-15MHz-QPSK-QPSK-39703-39823-50RB#0-75RB#0-PASS

41-41-10MHz-15MHz-QPSK-QPSK-40549-40669-50RB#0-75RB#0-PASS

41-41-10MHz-15MHz-QPSK-QPSK-41395-41515-50RB#0-75RB#0-PASS

41-41-10MHz-15MHz-16QAM-16QAM-39703-39823-50RB#0-75RB#0-PASS

41-41-10MHz-15MHz-16QAM-16QAM-40549-40669-50RB#0-75RB#0-PASS

41-41-10MHz-15MHz-16QAM-16QAM-41395-41515-50RB#0-75RB#0-PASS

41-41-10MHz-20MHz-QPSK-QPSK-39705-39849-50RB #0-100RB#0-PASS

41-41-10MHz-20MHz-QPSK-QPSK-40526-40670-50RB #0-100RB#0-PASS

41-41-10MHz-20MHz-QPSK-QPSK-41346-41490-50RB #0-100RB#0-PASS

41-41-10MHz-20MHz-16QAM-16QAM-39705-39849-50RB#0-100RB#0-PASS

41-41-10MHz-20MHz-16QAM-16QAM-40526-40670-50RB#0-100RB#0-PASS

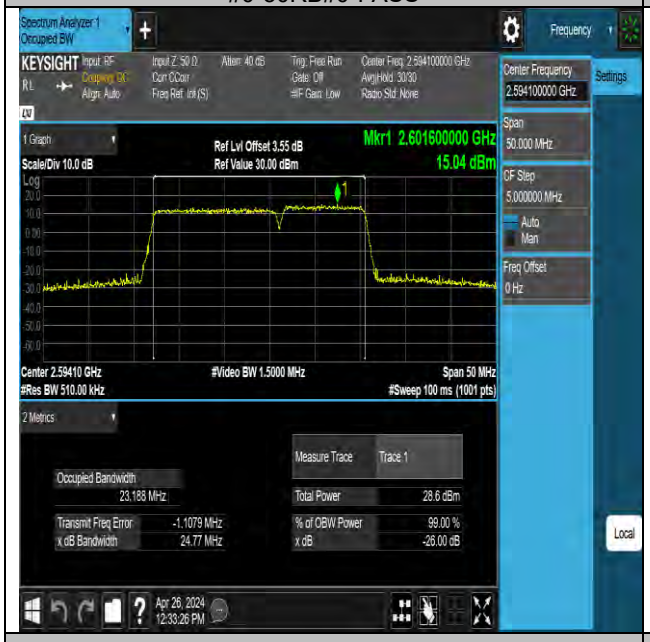
41-41-10MHz-20MHz-16QAM-16QAM-41346-41490-50RB#0-100RB#0-PASS

41-41-15MHz-10MHz-QPSK-QPSK-39725-39845-75RB#0-50RB#0-PASS

41-41-15MHz-10MHz-QPSK-QPSK-40571-40691-75RB#0-50RB#0-PASS

41-41-15MHz-10MHz-QPSK-QPSK-41417-41537-75RB#0-50RB#0-PASS

41-41-15MHz-10MHz-16QAM-16QAM-39725-39845-75RB#0-50RB#0-PASS



41-41-15MHz-10MHz-16QAM-16QAM-40571-40691-75RB#0-50RB#0-PASS

41-41-15MHz-10MHz-16QAM-16QAM-41417-41537-75RB#0-50RB#0-PASS

41-41-15MHz-15MHz-QPSK-QPSK-39725-39875-75RB #0-75RB#0-PASS

41-41-15MHz-15MHz-QPSK-QPSK-40545-40695-75RB #0-75RB#0-PASS

41-41-15MHz-15MHz-QPSK-QPSK-41365-41515-75RB #0-75RB#0-PASS

41-41-15MHz-15MHz-16QAM-16QAM-39725-39875-75RB#0-75RB#0-PASS

41-41-15MHz-15MHz-16QAM-16QAM-40545-40695-75RB#0-75RB#0-PASS

41-41-15MHz-15MHz-16QAM-16QAM-41365-41515-75RB#0-75RB#0-PASS

41-41-15MHz-20MHz-QPSK-QPSK-39728-39899-75RB#0-100RB#0-PASS

41-41-15MHz-20MHz-QPSK-QPSK-40523-40694-75RB#0-100RB#0-PASS

41-41-15MHz-20MHz-QPSK-QPSK-41319-41490-75RB#0-100RB#0-PASS

41-41-15MHz-20MHz-16QAM-16QAM-39728-39899-75RB#0-100RB#0-PASS

41-41-15MHz-20MHz-16QAM-16QAM-40523-40694-75RB#0-100RB#0-PASS

41-41-15MHz-20MHz-16QAM-16QAM-41319-41490-75RB#0-100RB#0-PASS

41-41-20MHz-5MHz-QPSK-QPSK-39750-39867-100RB #0-25RB#0-PASS

41-41-20MHz-5MHz-QPSK-QPSK-40595-40712-100RB #0-25RB#0-PASS

41-41-20MHz-5MHz-QPSK-QPSK-41440-41557-100RB #0-25RB#0-PASS

41-41-20MHz-5MHz-16QAM-16QAM-39750-39867-100RB#0-25RB#0-PASS

41-41-20MHz-5MHz-16QAM-16QAM-40595-40712-100RB#0-25RB#0-PASS

41-41-20MHz-5MHz-16QAM-16QAM-41440-41557-100RB#0-25RB#0-PASS

41-41-20MHz-10MHz-QPSK-QPSK-39750-39894-100RB#0-50RB#0-PASS

41-41-20MHz-10MHz-QPSK-QPSK-40571-40715-100RB#0-50RB#0-PASS

41-41-20MHz-10MHz-QPSK-QPSK-41391-41535-100RB#0-50RB#0-PASS

41-41-20MHz-10MHz-16QAM-16QAM-39750-39894-100RB#0-50RB#0-PASS

41-41-20MHz-10MHz-16QAM-16QAM-40571-40715-100RB#0-50RB#0-PASS

41-41-20MHz-10MHz-16QAM-16QAM-41391-41535-100RB#0-50RB#0-PASS

41-41-20MHz-15MHz-QPSK-QPSK-39750-39921-100RB#0-75RB#0-PASS

41-41-20MHz-15MHz-QPSK-QPSK-40546-40717-100RB#0-75RB#0-PASS

41-41-20MHz-15MHz-QPSK-QPSK-41341-41512-100RB#0-75RB#0-PASS

41-41-20MHz-15MHz-16QAM-16QAM-39750-39921-100RB#0-75RB#0-PASS

41-41-20MHz-15MHz-16QAM-16QAM-40546-40717-100RB#0-75RB#0-PASS

41-41-20MHz-15MHz-16QAM-16QAM-41341-41512-100RB#0-75RB#0-PASS

41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-100RB#0-100RB#0-PASS

41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-100RB#0-100RB#0-PASS

41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-100RB#0-100RB#0-PASS

41-41-20MHz-20MHz-16QAM-16QAM-39750-39948-100RB#0-100RB#0-PASS

41-41-20MHz-20MHz-16QAM-16QAM-40521-40719-100RB#0-100RB#0-PASS

41-41-20MHz-20MHz-16QAM-16QAM-41292-41490-100RB#0-100RB#0-PASS

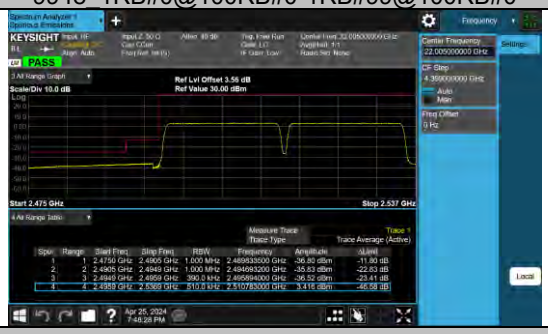
BAND EDGE
TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
41-41	20MHz-20MHz	QPSK@QPSK-QPSK@QPSK	39750-39948	1RB#0@100RB#0-1RB#99@100RB#0	-46.80	PASS
41-41	20MHz-20MHz	QPSK@QPSK-QPSK@QPSK	39750-39948	1RB#99@100RB#0-1RB#0@100RB#0	-46.06	PASS
41-41	20MHz-20MHz	QPSK@QPSK-QPSK@QPSK	39750-39948	100RB#0@100RB#0-100RB#0@100RB#0	-36.80	PASS
41-41	20MHz-20MHz	QPSK@QPSK-QPSK@QPSK	41292-41490	1RB#0@100RB#0-1RB#99@100RB#0	-15.87	PASS
41-41	20MHz-20MHz	QPSK@QPSK-QPSK@QPSK	41292-41490	1RB#99@100RB#0-1RB#0@100RB#0	-46.83	PASS
41-41	20MHz-20MHz	QPSK@QPSK-QPSK@QPSK	41292-41490	100RB#0@100RB#0-100RB#0@100RB#0	-27.34	PASS
41-41	20MHz-20MHz	16QAM@16QAM-16QAM@16QAM	39750-39948	1RB#0@100RB#0-1RB#99@100RB#0	-46.66	PASS
41-41	20MHz-20MHz	16QAM@16QAM-16QAM@16QAM	39750-39948	1RB#99@100RB#0-1RB#0@100RB#0	-44.67	PASS
41-41	20MHz-20MHz	16QAM@16QAM-16QAM@16QAM	39750-39948	100RB#0@100RB#0-100RB#0@100RB#0	-37.09	PASS
41-41	20MHz-20MHz	16QAM@16QAM-16QAM@16QAM	41292-41490	1RB#0@100RB#0-1RB#99@100RB#0	-16.01	PASS
41-41	20MHz-20MHz	16QAM@16QAM-16QAM@16QAM	41292-41490	1RB#99@100RB#0-1RB#0@100RB#0	-47.00	PASS
41-41	20MHz-20MHz	16QAM@16QAM-16QAM@16QAM	41292-41490	100RB#0@100RB#0-100RB#0@100RB#0	-28.18	PASS

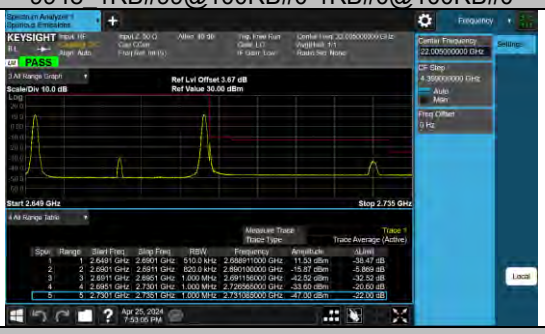
TEST GRAPHS

20MHz-20MHz_QPSK@QPSK-QPSK@QPSK_39750-39948_1RB#0@100RB#0-1RB#99@100RB#0

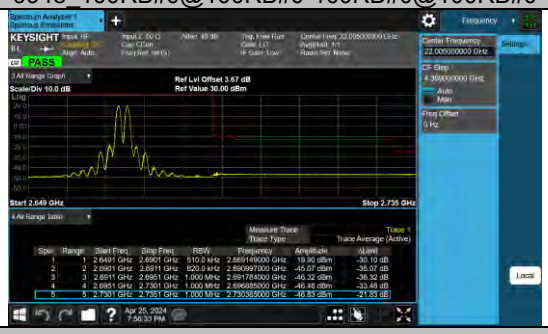
20MHz-20MHz_QPSK@QPSK-QPSK@QPSK_39750-39948_1RB#99@100RB#0-1RB#0@100RB#0



20MHz-20MHz_QPSK@QPSK-QPSK@QPSK_39750-39948_100RB#0@100RB#0-100RB#0@100RB#0



20MHz-20MHz_QPSK@QPSK-QPSK@QPSK_41292-41490_1RB#0@100RB#0-1RB#99@100RB#0

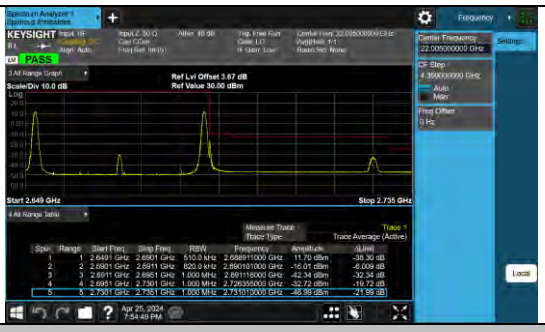


20MHz-20MHz_QPSK@QPSK-QPSK@QPSK_41292-41490_1RB#99@100RB#0-1RB#0@100RB#0

20MHz-20MHz_QPSK@QPSK-QPSK@QPSK_41292-41490_100RB#0@100RB#0-100RB#0@100RB#0

20MHz-20MHz_16QAM@16QAM-16QAM@16QAM_39750-39948_1RB#0@100RB#0-1RB#99@100RB#0

20MHz-20MHz_16QAM@16QAM-16QAM@16QAM_39750-39948_1RB#99@100RB#0-1RB#0@100RB#0

	
20MHz-20MHz_16QAM@16QAM-16QAM@16QAM_39750-39948_100RB#0@100RB#0-100RB#0@100RB#0	20MHz-20MHz_16QAM@16QAM-16QAM@16QAM_41292-41490_1RB#0@100RB#0-1RB#99@100RB#0
20MHz-20MHz_16QAM@16QAM-16QAM@16QAM_41292-41490_1RB#99@100RB#0-1RB#0@100RB#0	20MHz-20MHz_16QAM@16QAM-16QAM@16QAM_41292-41490_100RB#0@100RB#0-100RB#0@100RB#0

CONDUCTED SPURIOUS EMISSION
TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	1RB#99-1RB#0	30~1000MHz	-60.64	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	1RB#99-1RB#0	1000~27000MHz	-49.49	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	1RB#99-1RB#0	30~1000MHz	-52.71	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	1RB#99-1RB#0	1000~27000MHz	-49.12	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	1RB#99-1RB#0	30~1000MHz	-55.81	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	1RB#99-1RB#0	1000~27000MHz	-48.62	PASS

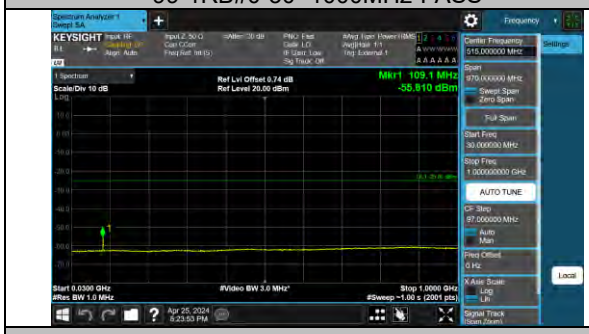
TEST GRAPHS

41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#99-1RB#0-30~1000MHz-PASS

41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#99-1RB#0-1000~27000MHz-PASS

41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#99-1RB#0-30~1000MHz-PASS

41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#99-1RB#0-1000~27000MHz-PASS



41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-1RB#99-1RB#0-30~1000MHz-PASS

41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-1RB#99-1RB#0-1000~27000MHz-PASS

LTE BAND 66B

26DB BANDWIDTH AND OCCUPIED BANDWIDTH
TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
66-66	5MHz-5MHz	QPSK-QPSK	131997-132045	25RB#0-25RB#0	9.3148	10.16	PASS
66-66	5MHz-5MHz	QPSK-QPSK	132398-132446	25RB#0-25RB#0	9.2964	10.12	PASS
66-66	5MHz-5MHz	QPSK-QPSK	132599-132647	25RB#0-25RB#0	9.2805	10.12	PASS
66-66	5MHz-5MHz	16QAM-16QAM	131997-132045	25RB#0-25RB#0	9.3045	10.14	PASS
66-66	5MHz-5MHz	16QAM-16QAM	132398-132446	25RB#0-25RB#0	9.2869	10.09	PASS
66-66	5MHz-5MHz	16QAM-16QAM	132599-132647	25RB#0-25RB#0	9.2759	10.11	PASS
66-66	5MHz-10MHz	QPSK-QPSK	132000-132072	25RB#0-50RB#0	13.956	15.03	PASS
66-66	5MHz-10MHz	QPSK-QPSK	132375-132447	25RB#0-50RB#0	13.939	14.96	PASS
66-66	5MHz-10MHz	QPSK-QPSK	132550-132622	25RB#0-50RB#0	13.935	14.93	PASS
66-66	5MHz-10MHz	16QAM-16QAM	132000-132072	25RB#0-50RB#0	13.922	14.96	PASS
66-66	5MHz-10MHz	16QAM-16QAM	132375-132447	25RB#0-50RB#0	13.928	15.00	PASS
66-66	5MHz-10MHz	16QAM-16QAM	132550-132622	25RB#0-50RB#0	13.927	14.94	PASS
66-66	5MHz-15MHz	QPSK-QPSK	132002-132095	25RB#0-75RB#0	18.286	19.59	PASS
66-66	5MHz-15MHz	QPSK-QPSK	132353-132446	25RB#0-75RB#0	18.231	19.57	PASS
66-66	5MHz-15MHz	QPSK-QPSK	132504-132597	25RB#0-75RB#0	18.283	19.54	PASS
66-66	5MHz-15MHz	16QAM-16QAM	132002-132095	25RB#0-75RB#0	18.271	19.56	PASS
66-66	5MHz-15MHz	16QAM-16QAM	132353-132446	25RB#0-75RB#0	18.252	19.50	PASS
66-66	5MHz-15MHz	16QAM-16QAM	132504-132597	25RB#0-75RB#0	18.247	19.45	PASS
66-66	10MHz-5MHz	QPSK-QPSK	132022-132094	50RB#0-25RB#0	13.958	15.07	PASS

66-66	10MHz-5MHz	QPSK-QPSK	132397-132469	50RB#0-25RB#0	13.938	14.96	PASS
66-66	10MHz-5MHz	QPSK-QPSK	132572-132644	50RB#0-25RB#0	13.944	15.03	PASS
66-66	10MHz-5MHz	16QAM-16QAM	132022-132094	50RB#0-25RB#0	13.934	14.96	PASS
66-66	10MHz-5MHz	16QAM-16QAM	132397-132469	50RB#0-25RB#0	13.910	14.99	PASS
66-66	10MHz-5MHz	16QAM-16QAM	132572-132644	50RB#0-25RB#0	13.913	14.96	PASS
66-66	10MHz-10MHz	QPSK-QPSK	132022-132121	50RB#0-50RB#0	18.879	20.24	PASS
66-66	10MHz-10MHz	QPSK-QPSK	132373-132472	50RB#0-50RB#0	18.855	20.36	PASS
66-66	10MHz-10MHz	QPSK-QPSK	132523-132622	50RB#0-50RB#0	18.854	20.29	PASS
66-66	10MHz-10MHz	16QAM-16QAM	132022-132121	50RB#0-50RB#0	18.842	20.29	PASS
66-66	10MHz-10MHz	16QAM-16QAM	132373-132472	50RB#0-50RB#0	18.845	20.29	PASS
66-66	10MHz-10MHz	16QAM-16QAM	132523-132622	50RB#0-50RB#0	18.837	20.24	PASS
66-66	15MHz-5MHz	QPSK-QPSK	132047-132140	75RB#0-25RB#0	18.292	19.73	PASS
66-66	15MHz-5MHz	QPSK-QPSK	132398-132491	75RB#0-25RB#0	13.529	15.14	PASS
66-66	15MHz-5MHz	QPSK-QPSK	132549-132642	75RB#0-25RB#0	18.306	19.59	PASS
66-66	15MHz-5MHz	16QAM-16QAM	132047-132140	75RB#0-25RB#0	18.293	19.61	PASS
66-66	15MHz-5MHz	16QAM-16QAM	132398-132491	75RB#0-25RB#0	13.556	15.13	PASS
66-66	15MHz-5MHz	16QAM-16QAM	132549-132642	75RB#0-25RB#0	18.282	19.59	PASS

TEST GRAPHS

66-66-5MHz-5MHz-QPSK-QPSK-131997-132045-25RB #0-25RB#0-PASS

66-66-5MHz-5MHz-QPSK-QPSK-132398-132446-25RB #0-25RB#0-PASS

66-66-5MHz-5MHz-QPSK-QPSK-132599-132647-25RB #0-25RB#0-PASS

66-66-5MHz-5MHz-16QAM-16QAM-131997-132045-25RB#0-25RB#0-PASS

66-66-5MHz-5MHz-16QAM-16QAM-132398-132446-25RB#0-25RB#0-PASS

66-66-5MHz-5MHz-16QAM-16QAM-132599-132647-25RB#0-25RB#0-PASS

66-66-5MHz-10MHz-QPSK-QPSK-132000-132072-25RB#0-50RB#0-PASS

66-66-5MHz-10MHz-QPSK-QPSK-132375-132447-25RB#0-50RB#0-PASS

66-66-5MHz-10MHz-QPSK-QPSK-132550-132622-25RB#0-50RB#0-PASS

66-66-5MHz-10MHz-16QAM-16QAM-132000-132072-25RB#0-50RB#0-PASS

66-66-5MHz-10MHz-16QAM-16QAM-132375-132447-25RB#0-50RB#0-PASS

66-66-5MHz-10MHz-16QAM-16QAM-132550-132622-25RB#0-50RB#0-PASS

66-66-5MHz-15MHz-QPSK-QPSK-132002-132095-25RB#0-75RB#0-PASS

66-66-5MHz-15MHz-QPSK-QPSK-132353-132446-25RB#0-75RB#0-PASS

66-66-5MHz-15MHz-QPSK-QPSK-132504-132597-25RB#0-75RB#0-PASS

66-66-5MHz-15MHz-16QAM-16QAM-132002-132095-25RB#0-75RB#0-PASS

66-66-5MHz-15MHz-16QAM-16QAM-132353-132446-25RB#0-75RB#0-PASS

66-66-5MHz-15MHz-16QAM-16QAM-132504-132597-25RB#0-75RB#0-PASS

66-66-10MHz-5MHz-QPSK-QPSK-132022-132094-50RB#0-25RB#0-PASS

66-66-10MHz-5MHz-QPSK-QPSK-132397-132469-50RB#0-25RB#0-PASS

66-66-10MHz-5MHz-QPSK-QPSK-132572-132644-50RB#0-25RB#0-PASS

66-66-10MHz-5MHz-16QAM-16QAM-132022-132094-50RB#0-25RB#0-PASS

66-66-10MHz-5MHz-16QAM-16QAM-132397-132469-50RB#0-25RB#0-PASS

66-66-10MHz-5MHz-16QAM-16QAM-132572-132644-50RB#0-25RB#0-PASS

66-66-10MHz-10MHz-QPSK-QPSK-132022-132121-50RB#0-50RB#0-PASS

66-66-10MHz-10MHz-QPSK-QPSK-132373-132472-50RB#0-50RB#0-PASS

66-66-10MHz-10MHz-QPSK-QPSK-132523-132622-50RB#0-50RB#0-PASS

66-66-10MHz-10MHz-16QAM-16QAM-132022-132121-50RB#0-50RB#0-PASS

66-66-10MHz-10MHz-16QAM-16QAM-132373-132472-50RB#0-50RB#0-PASS

66-66-10MHz-10MHz-16QAM-16QAM-132523-132622-50RB#0-50RB#0-PASS

66-66-15MHz-5MHz-QPSK-QPSK-132047-132140-75RB#0-25RB#0-PASS

66-66-15MHz-5MHz-QPSK-QPSK-132398-132491-75RB#0-25RB#0-PASS