

Annex A201 - Test Results

No. 1-2154-25-01-11_TR1-A201-R03

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Description

Conducted test results

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Coordinator Area
Regulatory Services Radio

1. LTE FDD 2

Frequency Band	Chan.	Frequency [MHz]	Channel	Bandwidth [MHz]	Resource block allocation	Modulation	P _{avg} [dBm]
Band_2	low	1850.7	18607	1.4	1RB low	QPSK	22.02
Band_2	low	1850.7	18607	1.4	1RB mid	QPSK	22.37
Band_2	low	1850.7	18607	1.4	1RB high	QPSK	22.15
Band_2	low	1850.7	18607	1.4	50%RB low	QPSK	22.02
Band_2	low	1850.7	18607	1.4	50%RB mid	QPSK	21.95
Band_2	low	1850.7	18607	1.4	50%RB high	QPSK	21.86
Band_2	low	1850.7	18607	1.4	100%RB	QPSK	21.02
Band_2	mid	1880	18900	1.4	1RB low	QPSK	21.66
Band_2	mid	1880	18900	1.4	1RB mid	QPSK	21.77
Band_2	mid	1880	18900	1.4	1RB high	QPSK	21.71
Band_2	mid	1880	18900	1.4	50%RB low	QPSK	21.50
Band_2	mid	1880	18900	1.4	50%RB mid	QPSK	21.53
Band_2	mid	1880	18900	1.4	50%RB high	QPSK	21.51
Band_2	mid	1880	18900	1.4	100%RB	QPSK	20.53
Band_2	high	1909.3	19193	1.4	1RB low	QPSK	21.93
Band_2	high	1909.3	19193	1.4	1RB mid	QPSK	21.95
Band_2	high	1909.3	19193	1.4	1RB high	QPSK	21.85
Band_2	high	1909.3	19193	1.4	50%RB low	QPSK	21.99
Band_2	high	1909.3	19193	1.4	50%RB mid	QPSK	21.96
Band_2	high	1909.3	19193	1.4	50%RB high	QPSK	21.93
Band_2	high	1909.3	19193	1.4	100%RB	QPSK	20.89
Band_2	low	1851.5	18615	3	1RB low	QPSK	22.09
Band_2	low	1851.5	18615	3	1RB mid	QPSK	22.01
Band_2	low	1851.5	18615	3	1RB high	QPSK	22.19
Band_2	low	1851.5	18615	3	50%RB low	QPSK	21.05
Band_2	low	1851.5	18615	3	50%RB mid	QPSK	21.05
Band_2	low	1851.5	18615	3	50%RB high	QPSK	21.03
Band_2	low	1851.5	18615	3	100%RB	QPSK	21.03
Band_2	mid	1880	18900	3	1RB low	QPSK	21.76
Band_2	mid	1880	18900	3	1RB mid	QPSK	21.82
Band_2	mid	1880	18900	3	1RB high	QPSK	21.69
Band_2	mid	1880	18900	3	50%RB low	QPSK	20.63
Band_2	mid	1880	18900	3	50%RB mid	QPSK	20.72
Band_2	mid	1880	18900	3	50%RB high	QPSK	20.64
Band_2	mid	1880	18900	3	100%RB	QPSK	20.70
Band_2	high	1908.5	19185	3	1RB low	QPSK	22.06
Band_2	high	1908.5	19185	3	1RB mid	QPSK	21.84
Band_2	high	1908.5	19185	3	1RB high	QPSK	21.94
Band_2	high	1908.5	19185	3	50%RB low	QPSK	20.90
Band_2	high	1908.5	19185	3	50%RB mid	QPSK	20.92
Band_2	high	1908.5	19185	3	50%RB high	QPSK	20.92
Band_2	high	1908.5	19185	3	100%RB	QPSK	20.92
Band_2	low	1852.5	18625	5	1RB low	QPSK	22.11

Band_2	low	1852.5	18625	5	1RB mid	QPSK	22.00
Band_2	low	1852.5	18625	5	1RB high	QPSK	22.12
Band_2	low	1852.5	18625	5	50%RB low	QPSK	21.13
Band_2	low	1852.5	18625	5	50%RB mid	QPSK	21.11
Band_2	low	1852.5	18625	5	50%RB high	QPSK	21.05
Band_2	low	1852.5	18625	5	100%RB	QPSK	21.00
Band_2	mid	1880	18900	5	1RB low	QPSK	21.72
Band_2	mid	1880	18900	5	1RB mid	QPSK	21.77
Band_2	mid	1880	18900	5	1RB high	QPSK	21.79
Band_2	mid	1880	18900	5	50%RB low	QPSK	20.72
Band_2	mid	1880	18900	5	50%RB mid	QPSK	20.83
Band_2	mid	1880	18900	5	50%RB high	QPSK	20.79
Band_2	mid	1880	18900	5	100%RB	QPSK	20.70
Band_2	high	1907.5	19175	5	1RB low	QPSK	22.12
Band_2	high	1907.5	19175	5	1RB mid	QPSK	22.08
Band_2	high	1907.5	19175	5	1RB high	QPSK	21.95
Band_2	high	1907.5	19175	5	50%RB low	QPSK	21.06
Band_2	high	1907.5	19175	5	50%RB mid	QPSK	20.98
Band_2	high	1907.5	19175	5	50%RB high	QPSK	20.99
Band_2	high	1907.5	19175	5	100%RB	QPSK	20.91
Band_2	low	1855	18650	10	1RB low	QPSK	22.22
Band_2	low	1855	18650	10	1RB mid	QPSK	22.25
Band_2	low	1855	18650	10	1RB high	QPSK	21.98
Band_2	low	1855	18650	10	50%RB low	QPSK	21.12
Band_2	low	1855	18650	10	50%RB mid	QPSK	21.10
Band_2	low	1855	18650	10	50%RB high	QPSK	21.00
Band_2	low	1855	18650	10	100%RB	QPSK	21.05
Band_2	mid	1880	18900	10	1RB low	QPSK	21.69
Band_2	mid	1880	18900	10	1RB mid	QPSK	22.34
Band_2	mid	1880	18900	10	1RB high	QPSK	21.72
Band_2	mid	1880	18900	10	50%RB low	QPSK	20.70
Band_2	mid	1880	18900	10	50%RB mid	QPSK	20.78
Band_2	mid	1880	18900	10	50%RB high	QPSK	20.76
Band_2	mid	1880	18900	10	100%RB	QPSK	20.78
Band_2	high	1905	19150	10	1RB low	QPSK	22.12
Band_2	high	1905	19150	10	1RB mid	QPSK	22.37
Band_2	high	1905	19150	10	1RB high	QPSK	21.95
Band_2	high	1905	19150	10	50%RB low	QPSK	21.11
Band_2	high	1905	19150	10	50%RB mid	QPSK	21.05
Band_2	high	1905	19150	10	50%RB high	QPSK	20.92
Band_2	high	1905	19150	10	100%RB	QPSK	20.99
Band_2	low	1857.5	18675	15	1RB low	QPSK	22.19
Band_2	low	1857.5	18675	15	1RB mid	QPSK	22.07
Band_2	low	1857.5	18675	15	1RB high	QPSK	21.75
Band_2	low	1857.5	18675	15	50%RB low	QPSK	21.11
Band_2	low	1857.5	18675	15	50%RB mid	QPSK	21.06
Band_2	low	1857.5	18675	15	50%RB high	QPSK	20.90

Band_2	low	1857.5	18675	15	100%RB	QPSK	20.97
Band_2	mid	1880	18900	15	1RB low	QPSK	21.77
Band_2	mid	1880	18900	15	1RB mid	QPSK	22.43
Band_2	mid	1880	18900	15	1RB high	QPSK	21.77
Band_2	mid	1880	18900	15	50%RB low	QPSK	20.73
Band_2	mid	1880	18900	15	50%RB mid	QPSK	20.74
Band_2	mid	1880	18900	15	50%RB high	QPSK	20.73
Band_2	mid	1880	18900	15	100%RB	QPSK	20.82
Band_2	high	1902.5	19125	15	1RB low	QPSK	21.94
Band_2	high	1902.5	19125	15	1RB mid	QPSK	22.78
Band_2	high	1902.5	19125	15	1RB high	QPSK	21.81
Band_2	high	1902.5	19125	15	50%RB low	QPSK	20.85
Band_2	high	1902.5	19125	15	50%RB mid	QPSK	21.05
Band_2	high	1902.5	19125	15	50%RB high	QPSK	20.99
Band_2	high	1902.5	19125	15	100%RB	QPSK	21.00
Band_2	low	1860	18700	20	1RB low	QPSK	22.05
Band_2	low	1860	18700	20	1RB mid	QPSK	22.47
Band_2	low	1860	18700	20	1RB high	QPSK	21.69
Band_2	low	1860	18700	20	50%RB low	QPSK	20.96
Band_2	low	1860	18700	20	50%RB mid	QPSK	20.84
Band_2	low	1860	18700	20	50%RB high	QPSK	20.59
Band_2	low	1860	18700	20	100%RB	QPSK	20.69
Band_2	mid	1880	18900	20	1RB low	QPSK	21.72
Band_2	mid	1880	18900	20	1RB mid	QPSK	22.24
Band_2	mid	1880	18900	20	1RB high	QPSK	21.74
Band_2	mid	1880	18900	20	50%RB low	QPSK	20.73
Band_2	mid	1880	18900	20	50%RB mid	QPSK	20.71
Band_2	mid	1880	18900	20	50%RB high	QPSK	20.70
Band_2	mid	1880	18900	20	100%RB	QPSK	20.69
Band_2	high	1900	19100	20	1RB low	QPSK	21.92
Band_2	high	1900	19100	20	1RB mid	QPSK	22.30
Band_2	high	1900	19100	20	1RB high	QPSK	21.81
Band_2	high	1900	19100	20	50%RB low	QPSK	20.68
Band_2	high	1900	19100	20	50%RB mid	QPSK	20.99
Band_2	high	1900	19100	20	50%RB high	QPSK	20.98
Band_2	high	1900	19100	20	100%RB	QPSK	20.92

2. LTE FDD 4

Frequency Band	Chan.	Frequency [MHz]	Channel	Bandwidth [MHz]	Resource block allocation	Modulation	P _{avg} [dBm]
Band_4	low	1710.7	19957	1.4	1RB low	QPSK	23.22
Band_4	low	1710.7	19957	1.4	1RB mid	QPSK	23.30
Band_4	low	1710.7	19957	1.4	1RB high	QPSK	23.27
Band_4	low	1710.7	19957	1.4	50%RB low	QPSK	23.07
Band_4	low	1710.7	19957	1.4	50%RB mid	QPSK	23.05
Band_4	low	1710.7	19957	1.4	50%RB high	QPSK	23.03
Band_4	low	1710.7	19957	1.4	100%RB	QPSK	22.17
Band_4	mid	1732.5	20175	1.4	1RB low	QPSK	22.82
Band_4	mid	1732.5	20175	1.4	1RB mid	QPSK	22.88
Band_4	mid	1732.5	20175	1.4	1RB high	QPSK	22.74
Band_4	mid	1732.5	20175	1.4	50%RB low	QPSK	22.49
Band_4	mid	1732.5	20175	1.4	50%RB mid	QPSK	22.53
Band_4	mid	1732.5	20175	1.4	50%RB high	QPSK	22.44
Band_4	mid	1732.5	20175	1.4	100%RB	QPSK	21.42
Band_4	high	1754.3	20393	1.4	1RB low	QPSK	21.83
Band_4	high	1754.3	20393	1.4	1RB mid	QPSK	21.88
Band_4	high	1754.3	20393	1.4	1RB high	QPSK	21.74
Band_4	high	1754.3	20393	1.4	50%RB low	QPSK	21.60
Band_4	high	1754.3	20393	1.4	50%RB mid	QPSK	21.63
Band_4	high	1754.3	20393	1.4	50%RB high	QPSK	21.72
Band_4	high	1754.3	20393	1.4	100%RB	QPSK	20.61
Band_4	low	1711.5	19965	3	1RB low	QPSK	23.12
Band_4	low	1711.5	19965	3	1RB mid	QPSK	23.15
Band_4	low	1711.5	19965	3	1RB high	QPSK	23.56
Band_4	low	1711.5	19965	3	50%RB low	QPSK	22.03
Band_4	low	1711.5	19965	3	50%RB mid	QPSK	21.90
Band_4	low	1711.5	19965	3	50%RB high	QPSK	21.92
Band_4	low	1711.5	19965	3	100%RB	QPSK	21.91
Band_4	mid	1732.5	20175	3	1RB low	QPSK	22.45
Band_4	mid	1732.5	20175	3	1RB mid	QPSK	22.71
Band_4	mid	1732.5	20175	3	1RB high	QPSK	22.62
Band_4	mid	1732.5	20175	3	50%RB low	QPSK	21.33
Band_4	mid	1732.5	20175	3	50%RB mid	QPSK	21.42
Band_4	mid	1732.5	20175	3	50%RB high	QPSK	21.40
Band_4	mid	1732.5	20175	3	100%RB	QPSK	21.35
Band_4	high	1753.5	20385	3	1RB low	QPSK	21.54
Band_4	high	1753.5	20385	3	1RB mid	QPSK	21.64
Band_4	high	1753.5	20385	3	1RB high	QPSK	21.66
Band_4	high	1753.5	20385	3	50%RB low	QPSK	20.50
Band_4	high	1753.5	20385	3	50%RB mid	QPSK	20.57
Band_4	high	1753.5	20385	3	50%RB high	QPSK	20.64
Band_4	high	1753.5	20385	3	100%RB	QPSK	20.47
Band_4	low	1712.5	19975	5	1RB low	QPSK	22.72

Band_4	low	1712.5	19975	5	1RB mid	QPSK	22.82
Band_4	low	1712.5	19975	5	1RB high	QPSK	22.77
Band_4	low	1712.5	19975	5	50%RB low	QPSK	21.67
Band_4	low	1712.5	19975	5	50%RB mid	QPSK	21.73
Band_4	low	1712.5	19975	5	50%RB high	QPSK	21.68
Band_4	low	1712.5	19975	5	100%RB	QPSK	21.59
Band_4	mid	1732.5	20175	5	1RB low	QPSK	22.56
Band_4	mid	1732.5	20175	5	1RB mid	QPSK	22.59
Band_4	mid	1732.5	20175	5	1RB high	QPSK	22.58
Band_4	mid	1732.5	20175	5	50%RB low	QPSK	21.46
Band_4	mid	1732.5	20175	5	50%RB mid	QPSK	21.53
Band_4	mid	1732.5	20175	5	50%RB high	QPSK	21.57
Band_4	mid	1732.5	20175	5	100%RB	QPSK	21.39
Band_4	high	1752.5	20375	5	1RB low	QPSK	21.36
Band_4	high	1752.5	20375	5	1RB mid	QPSK	21.98
Band_4	high	1752.5	20375	5	1RB high	QPSK	21.73
Band_4	high	1752.5	20375	5	50%RB low	QPSK	20.45
Band_4	high	1752.5	20375	5	50%RB mid	QPSK	20.51
Band_4	high	1752.5	20375	5	50%RB high	QPSK	20.56
Band_4	high	1752.5	20375	5	100%RB	QPSK	20.48
Band_4	low	1715	20000	10	1RB low	QPSK	22.60
Band_4	low	1715	20000	10	1RB mid	QPSK	22.67
Band_4	low	1715	20000	10	1RB high	QPSK	22.89
Band_4	low	1715	20000	10	50%RB low	QPSK	21.34
Band_4	low	1715	20000	10	50%RB mid	QPSK	21.46
Band_4	low	1715	20000	10	50%RB high	QPSK	21.57
Band_4	low	1715	20000	10	100%RB	QPSK	21.28
Band_4	mid	1732.5	20175	10	1RB low	QPSK	22.51
Band_4	mid	1732.5	20175	10	1RB mid	QPSK	22.70
Band_4	mid	1732.5	20175	10	1RB high	QPSK	22.46
Band_4	mid	1732.5	20175	10	50%RB low	QPSK	21.29
Band_4	mid	1732.5	20175	10	50%RB mid	QPSK	21.27
Band_4	mid	1732.5	20175	10	50%RB high	QPSK	21.29
Band_4	mid	1732.5	20175	10	100%RB	QPSK	21.41
Band_4	high	1750	20350	10	1RB low	QPSK	21.78
Band_4	high	1750	20350	10	1RB mid	QPSK	21.38
Band_4	high	1750	20350	10	1RB high	QPSK	21.75
Band_4	high	1750	20350	10	50%RB low	QPSK	20.35
Band_4	high	1750	20350	10	50%RB mid	QPSK	20.49
Band_4	high	1750	20350	10	50%RB high	QPSK	20.49
Band_4	high	1750	20350	10	100%RB	QPSK	20.52
Band_4	low	1717.5	20025	15	1RB low	QPSK	22.47
Band_4	low	1717.5	20025	15	1RB mid	QPSK	22.66
Band_4	low	1717.5	20025	15	1RB high	QPSK	22.60
Band_4	low	1717.5	20025	15	50%RB low	QPSK	21.23
Band_4	low	1717.5	20025	15	50%RB mid	QPSK	21.54
Band_4	low	1717.5	20025	15	50%RB high	QPSK	21.54

Band_4	low	1717.5	20025	15	100%RB	QPSK	21.46
Band_4	mid	1732.5	20175	15	1RB low	QPSK	22.48
Band_4	mid	1732.5	20175	15	1RB mid	QPSK	22.78
Band_4	mid	1732.5	20175	15	1RB high	QPSK	22.30
Band_4	mid	1732.5	20175	15	50%RB low	QPSK	21.38
Band_4	mid	1732.5	20175	15	50%RB mid	QPSK	21.40
Band_4	mid	1732.5	20175	15	50%RB high	QPSK	21.32
Band_4	mid	1732.5	20175	15	100%RB	QPSK	21.36
Band_4	high	1747.5	20325	15	1RB low	QPSK	21.80
Band_4	high	1747.5	20325	15	1RB mid	QPSK	21.65
Band_4	high	1747.5	20325	15	1RB high	QPSK	21.75
Band_4	high	1747.5	20325	15	50%RB low	QPSK	20.50
Band_4	high	1747.5	20325	15	50%RB mid	QPSK	20.63
Band_4	high	1747.5	20325	15	50%RB high	QPSK	20.45
Band_4	high	1747.5	20325	15	100%RB	QPSK	20.58
Band_4	low	1720	20050	20	1RB low	QPSK	22.34
Band_4	low	1720	20050	20	1RB mid	QPSK	22.99
Band_4	low	1720	20050	20	1RB high	QPSK	22.40
Band_4	low	1720	20050	20	50%RB low	QPSK	21.26
Band_4	low	1720	20050	20	50%RB mid	QPSK	21.53
Band_4	low	1720	20050	20	50%RB high	QPSK	21.41
Band_4	low	1720	20050	20	100%RB	QPSK	21.33
Band_4	mid	1732.5	20175	20	1RB low	QPSK	22.51
Band_4	mid	1732.5	20175	20	1RB mid	QPSK	22.81
Band_4	mid	1732.5	20175	20	1RB high	QPSK	22.16
Band_4	mid	1732.5	20175	20	50%RB low	QPSK	21.23
Band_4	mid	1732.5	20175	20	50%RB mid	QPSK	21.24
Band_4	mid	1732.5	20175	20	50%RB high	QPSK	21.16
Band_4	mid	1732.5	20175	20	100%RB	QPSK	21.34
Band_4	high	1745	20300	20	1RB low	QPSK	22.06
Band_4	high	1745	20300	20	1RB mid	QPSK	21.67
Band_4	high	1745	20300	20	1RB high	QPSK	22.15
Band_4	high	1745	20300	20	50%RB low	QPSK	20.64
Band_4	high	1745	20300	20	50%RB mid	QPSK	20.58
Band_4	high	1745	20300	20	50%RB high	QPSK	20.41
Band_4	high	1745	20300	20	100%RB	QPSK	20.51

3. LTE FDD 5

Frequency Band	Chan.	Frequency [MHz]	Channel	Bandwidth [MHz]	Resource block allocation	Modulation	P _{avg} [dBm]
Band_5	low	824.7	20407	1.4	1RB low	QPSK	21.90
Band_5	low	824.7	20407	1.4	1RB mid	QPSK	21.94
Band_5	low	824.7	20407	1.4	1RB high	QPSK	22.25
Band_5	low	824.7	20407	1.4	50%RB low	QPSK	21.85
Band_5	low	824.7	20407	1.4	50%RB mid	QPSK	21.79
Band_5	low	824.7	20407	1.4	50%RB high	QPSK	21.78
Band_5	low	824.7	20407	1.4	100%RB	QPSK	20.82
Band_5	mid	836.5	20525	1.4	1RB low	QPSK	21.77
Band_5	mid	836.5	20525	1.4	1RB mid	QPSK	21.75
Band_5	mid	836.5	20525	1.4	1RB high	QPSK	21.68
Band_5	mid	836.5	20525	1.4	50%RB low	QPSK	21.74
Band_5	mid	836.5	20525	1.4	50%RB mid	QPSK	21.84
Band_5	mid	836.5	20525	1.4	50%RB high	QPSK	21.78
Band_5	mid	836.5	20525	1.4	100%RB	QPSK	20.66
Band_5	high	848.3	20643	1.4	1RB low	QPSK	21.70
Band_5	high	848.3	20643	1.4	1RB mid	QPSK	21.79
Band_5	high	848.3	20643	1.4	1RB high	QPSK	21.68
Band_5	high	848.3	20643	1.4	50%RB low	QPSK	21.71
Band_5	high	848.3	20643	1.4	50%RB mid	QPSK	21.81
Band_5	high	848.3	20643	1.4	50%RB high	QPSK	21.57
Band_5	high	848.3	20643	1.4	100%RB	QPSK	20.74
Band_5	low	825.5	20415	3	1RB low	QPSK	21.88
Band_5	low	825.5	20415	3	1RB mid	QPSK	21.91
Band_5	low	825.5	20415	3	1RB high	QPSK	21.77
Band_5	low	825.5	20415	3	50%RB low	QPSK	20.93
Band_5	low	825.5	20415	3	50%RB mid	QPSK	20.89
Band_5	low	825.5	20415	3	50%RB high	QPSK	20.80
Band_5	low	825.5	20415	3	100%RB	QPSK	20.85
Band_5	mid	836.5	20525	3	1RB low	QPSK	21.73
Band_5	mid	836.5	20525	3	1RB mid	QPSK	21.82
Band_5	mid	836.5	20525	3	1RB high	QPSK	21.67
Band_5	mid	836.5	20525	3	50%RB low	QPSK	20.71
Band_5	mid	836.5	20525	3	50%RB mid	QPSK	20.55
Band_5	mid	836.5	20525	3	50%RB high	QPSK	20.61
Band_5	mid	836.5	20525	3	100%RB	QPSK	20.60
Band_5	high	847.5	20635	3	1RB low	QPSK	21.86
Band_5	high	847.5	20635	3	1RB mid	QPSK	21.87
Band_5	high	847.5	20635	3	1RB high	QPSK	21.78
Band_5	high	847.5	20635	3	50%RB low	QPSK	20.82
Band_5	high	847.5	20635	3	50%RB mid	QPSK	20.79
Band_5	high	847.5	20635	3	50%RB high	QPSK	20.71
Band_5	high	847.5	20635	3	100%RB	QPSK	20.68
Band_5	low	826.5	20425	5	1RB low	QPSK	21.91

Band_5	low	826.5	20425	5	1RB mid	QPSK	22.04
Band_5	low	826.5	20425	5	1RB high	QPSK	21.99
Band_5	low	826.5	20425	5	50%RB low	QPSK	20.89
Band_5	low	826.5	20425	5	50%RB mid	QPSK	20.86
Band_5	low	826.5	20425	5	50%RB high	QPSK	20.87
Band_5	low	826.5	20425	5	100%RB	QPSK	20.83
Band_5	mid	836.5	20525	5	1RB low	QPSK	21.57
Band_5	mid	836.5	20525	5	1RB mid	QPSK	21.84
Band_5	mid	836.5	20525	5	1RB high	QPSK	21.79
Band_5	mid	836.5	20525	5	50%RB low	QPSK	20.74
Band_5	mid	836.5	20525	5	50%RB mid	QPSK	20.68
Band_5	mid	836.5	20525	5	50%RB high	QPSK	20.73
Band_5	mid	836.5	20525	5	100%RB	QPSK	20.69
Band_5	high	846.5	20625	5	1RB low	QPSK	21.69
Band_5	high	846.5	20625	5	1RB mid	QPSK	22.03
Band_5	high	846.5	20625	5	1RB high	QPSK	21.90
Band_5	high	846.5	20625	5	50%RB low	QPSK	20.82
Band_5	high	846.5	20625	5	50%RB mid	QPSK	20.88
Band_5	high	846.5	20625	5	50%RB high	QPSK	20.82
Band_5	high	846.5	20625	5	100%RB	QPSK	20.83
Band_5	low	829	20450	10	1RB low	QPSK	21.81
Band_5	low	829	20450	10	1RB mid	QPSK	21.74
Band_5	low	829	20450	10	1RB high	QPSK	21.67
Band_5	low	829	20450	10	50%RB low	QPSK	20.80
Band_5	low	829	20450	10	50%RB mid	QPSK	20.77
Band_5	low	829	20450	10	50%RB high	QPSK	20.63
Band_5	low	829	20450	10	100%RB	QPSK	20.71
Band_5	mid	836.5	20525	10	1RB low	QPSK	21.71
Band_5	mid	836.5	20525	10	1RB mid	QPSK	22.23
Band_5	mid	836.5	20525	10	1RB high	QPSK	21.79
Band_5	mid	836.5	20525	10	50%RB low	QPSK	20.71
Band_5	mid	836.5	20525	10	50%RB mid	QPSK	20.73
Band_5	mid	836.5	20525	10	50%RB high	QPSK	20.62
Band_5	mid	836.5	20525	10	100%RB	QPSK	20.63
Band_5	high	844	20600	10	1RB low	QPSK	21.82
Band_5	high	844	20600	10	1RB mid	QPSK	21.92
Band_5	high	844	20600	10	1RB high	QPSK	21.68
Band_5	high	844	20600	10	50%RB low	QPSK	20.89
Band_5	high	844	20600	10	50%RB mid	QPSK	20.86
Band_5	high	844	20600	10	50%RB high	QPSK	20.80
Band_5	high	844	20600	10	100%RB	QPSK	20.78

4. LTE FDD 7

Frequency Band	Chan.	Frequency [MHz]	Channel	Bandwidth [MHz]	Resource block allocation	Modulation	P _{avg} [dBm]
Band_7	low	2502.5	20775	5	1RB_low	QPSK	22.34
Band_7	low	2502.5	20775	5	1RB_mid	QPSK	22.50
Band_7	low	2502.5	20775	5	1RB_high	QPSK	22.51
Band_7	low	2502.5	20775	5	50%RB_low	QPSK	21.42
Band_7	low	2502.5	20775	5	50%RB_mid	QPSK	21.45
Band_7	low	2502.5	20775	5	50%RB_high	QPSK	21.36
Band_7	low	2502.5	20775	5	100%RB	QPSK	21.42
Band_7	mid	2535	21100	5	1RB_low	QPSK	22.04
Band_7	mid	2535	21100	5	1RB_mid	QPSK	22.34
Band_7	mid	2535	21100	5	1RB_high	QPSK	22.14
Band_7	mid	2535	21100	5	50%RB_low	QPSK	21.04
Band_7	mid	2535	21100	5	50%RB_mid	QPSK	21.06
Band_7	mid	2535	21100	5	50%RB_high	QPSK	21.04
Band_7	mid	2535	21100	5	100%RB	QPSK	20.98
Band_7	high	2567.5	21425	5	1RB_low	QPSK	21.99
Band_7	high	2567.5	21425	5	1RB_mid	QPSK	21.97
Band_7	high	2567.5	21425	5	1RB_high	QPSK	22.04
Band_7	high	2567.5	21425	5	50%RB_low	QPSK	20.89
Band_7	high	2567.5	21425	5	50%RB_mid	QPSK	20.87
Band_7	high	2567.5	21425	5	50%RB_high	QPSK	20.93
Band_7	high	2567.5	21425	5	100%RB	QPSK	20.93
Band_7	low	2505	20800	10	1RB_low	QPSK	22.52
Band_7	low	2505	20800	10	1RB_mid	QPSK	22.89
Band_7	low	2505	20800	10	1RB_high	QPSK	22.64
Band_7	low	2505	20800	10	50%RB_low	QPSK	21.50
Band_7	low	2505	20800	10	50%RB_mid	QPSK	21.47
Band_7	low	2505	20800	10	50%RB_high	QPSK	21.47
Band_7	low	2505	20800	10	100%RB	QPSK	21.39
Band_7	mid	2535	21100	10	1RB_low	QPSK	22.24
Band_7	mid	2535	21100	10	1RB_mid	QPSK	22.46
Band_7	mid	2535	21100	10	1RB_high	QPSK	22.15
Band_7	mid	2535	21100	10	50%RB_low	QPSK	20.95
Band_7	mid	2535	21100	10	50%RB_mid	QPSK	20.91
Band_7	mid	2535	21100	10	50%RB_high	QPSK	20.85
Band_7	mid	2535	21100	10	100%RB	QPSK	20.83
Band_7	high	2565	21400	10	1RB_low	QPSK	22.03
Band_7	high	2565	21400	10	1RB_mid	QPSK	22.38
Band_7	high	2565	21400	10	1RB_high	QPSK	22.05
Band_7	high	2565	21400	10	50%RB_low	QPSK	20.86
Band_7	high	2565	21400	10	50%RB_mid	QPSK	20.93
Band_7	high	2565	21400	10	50%RB_high	QPSK	20.81
Band_7	high	2565	21400	10	100%RB	QPSK	20.80
Band_7	low	2507.5	20825	15	1RB_low	QPSK	22.47

Band_7	low	2507.5	20825	15	1RB_mid	QPSK	22.67
Band_7	low	2507.5	20825	15	1RB_high	QPSK	22.24
Band_7	low	2507.5	20825	15	50%RB_low	QPSK	21.21
Band_7	low	2507.5	20825	15	50%RB_mid	QPSK	21.21
Band_7	low	2507.5	20825	15	50%RB_high	QPSK	21.11
Band_7	low	2507.5	20825	15	100%RB	QPSK	21.13
Band_7	mid	2535	21100	15	1RB_low	QPSK	22.13
Band_7	mid	2535	21100	15	1RB_mid	QPSK	22.44
Band_7	mid	2535	21100	15	1RB_high	QPSK	21.88
Band_7	mid	2535	21100	15	50%RB_low	QPSK	20.89
Band_7	mid	2535	21100	15	50%RB_mid	QPSK	20.84
Band_7	mid	2535	21100	15	50%RB_high	QPSK	20.73
Band_7	mid	2535	21100	15	100%RB	QPSK	20.78
Band_7	high	2562.5	21375	15	1RB_low	QPSK	22.13
Band_7	high	2562.5	21375	15	1RB_mid	QPSK	22.11
Band_7	high	2562.5	21375	15	1RB_high	QPSK	22.19
Band_7	high	2562.5	21375	15	50%RB_low	QPSK	20.84
Band_7	high	2562.5	21375	15	50%RB_mid	QPSK	20.84
Band_7	high	2562.5	21375	15	50%RB_high	QPSK	20.86
Band_7	high	2562.5	21375	15	100%RB	QPSK	20.74
Band_7	low	2510	20850	20	1RB_low	QPSK	22.21
Band_7	low	2510	20850	20	1RB_mid	QPSK	22.69
Band_7	low	2510	20850	20	1RB_high	QPSK	21.98
Band_7	low	2510	20850	20	50%RB_low	QPSK	20.99
Band_7	low	2510	20850	20	50%RB_mid	QPSK	20.99
Band_7	low	2510	20850	20	50%RB_high	QPSK	20.92
Band_7	low	2510	20850	20	100%RB	QPSK	20.93
Band_7	mid	2535	21100	20	1RB_low	QPSK	22.06
Band_7	mid	2535	21100	20	1RB_mid	QPSK	22.16
Band_7	mid	2535	21100	20	1RB_high	QPSK	21.84
Band_7	mid	2535	21100	20	50%RB_low	QPSK	20.81
Band_7	mid	2535	21100	20	50%RB_mid	QPSK	20.91
Band_7	mid	2535	21100	20	50%RB_high	QPSK	20.79
Band_7	mid	2535	21100	20	100%RB	QPSK	20.69
Band_7	high	2560	21350	20	1RB_low	QPSK	21.94
Band_7	high	2560	21350	20	1RB_mid	QPSK	22.08
Band_7	high	2560	21350	20	1RB_high	QPSK	21.92
Band_7	high	2560	21350	20	50%RB_low	QPSK	20.83
Band_7	high	2560	21350	20	50%RB_mid	QPSK	20.74
Band_7	high	2560	21350	20	50%RB_high	QPSK	20.65
Band_7	high	2560	21350	20	100%RB	QPSK	20.66

5. LTE FDD 12

Frequency Band	Chan.	Frequency [MHz]	Channel	Bandwidth [MHz]	Resource block allocation	Modulation	P _{avg} [dBm]
Band_12	low	699.7	23017	1.4	1RB low	QPSK	22.53
Band_12	low	699.7	23017	1.4	1RB mid	QPSK	22.44
Band_12	low	699.7	23017	1.4	1RB high	QPSK	22.54
Band_12	low	699.7	23017	1.4	50%RB low	QPSK	22.58
Band_12	low	699.7	23017	1.4	50%RB mid	QPSK	22.51
Band_12	low	699.7	23017	1.4	50%RB high	QPSK	22.42
Band_12	low	699.7	23017	1.4	100%RB	QPSK	21.48
Band_12	mid	707.5	23095	1.4	1RB low	QPSK	22.58
Band_12	mid	707.5	23095	1.4	1RB mid	QPSK	22.76
Band_12	mid	707.5	23095	1.4	1RB high	QPSK	22.62
Band_12	mid	707.5	23095	1.4	50%RB low	QPSK	22.35
Band_12	mid	707.5	23095	1.4	50%RB mid	QPSK	22.43
Band_12	mid	707.5	23095	1.4	50%RB high	QPSK	22.43
Band_12	mid	707.5	23095	1.4	100%RB	QPSK	21.34
Band_12	high	715.3	23173	1.4	1RB low	QPSK	22.43
Band_12	high	715.3	23173	1.4	1RB mid	QPSK	22.41
Band_12	high	715.3	23173	1.4	1RB high	QPSK	22.51
Band_12	high	715.3	23173	1.4	50%RB low	QPSK	22.42
Band_12	high	715.3	23173	1.4	50%RB mid	QPSK	22.47
Band_12	high	715.3	23173	1.4	50%RB high	QPSK	22.28
Band_12	high	715.3	23173	1.4	100%RB	QPSK	21.37
Band_12	low	700.5	23025	3	1RB low	QPSK	22.59
Band_12	low	700.5	23025	3	1RB mid	QPSK	22.61
Band_12	low	700.5	23025	3	1RB high	QPSK	22.67
Band_12	low	700.5	23025	3	50%RB low	QPSK	21.63
Band_12	low	700.5	23025	3	50%RB mid	QPSK	21.55
Band_12	low	700.5	23025	3	50%RB high	QPSK	21.51
Band_12	low	700.5	23025	3	100%RB	QPSK	21.51
Band_12	mid	707.5	23095	3	1RB low	QPSK	22.57
Band_12	mid	707.5	23095	3	1RB mid	QPSK	22.62
Band_12	mid	707.5	23095	3	1RB high	QPSK	22.49
Band_12	mid	707.5	23095	3	50%RB low	QPSK	21.38
Band_12	mid	707.5	23095	3	50%RB mid	QPSK	21.49
Band_12	mid	707.5	23095	3	50%RB high	QPSK	21.36
Band_12	mid	707.5	23095	3	100%RB	QPSK	21.42
Band_12	high	714.5	23165	3	1RB low	QPSK	22.43
Band_12	high	714.5	23165	3	1RB mid	QPSK	22.60
Band_12	high	714.5	23165	3	1RB high	QPSK	22.55
Band_12	high	714.5	23165	3	50%RB low	QPSK	21.42
Band_12	high	714.5	23165	3	50%RB mid	QPSK	21.36
Band_12	high	714.5	23165	3	50%RB high	QPSK	21.41
Band_12	high	714.5	23165	3	100%RB	QPSK	21.42
Band_12	low	701.5	23035	5	1RB low	QPSK	22.55

Band_12	low	701.5	23035	5	1RB mid	QPSK	22.44
Band_12	low	701.5	23035	5	1RB high	QPSK	22.46
Band_12	low	701.5	23035	5	50%RB low	QPSK	21.50
Band_12	low	701.5	23035	5	50%RB mid	QPSK	21.45
Band_12	low	701.5	23035	5	50%RB high	QPSK	21.44
Band_12	low	701.5	23035	5	100%RB	QPSK	21.47
Band_12	mid	707.5	23095	5	1RB low	QPSK	22.54
Band_12	mid	707.5	23095	5	1RB mid	QPSK	22.57
Band_12	mid	707.5	23095	5	1RB high	QPSK	22.44
Band_12	mid	707.5	23095	5	50%RB low	QPSK	21.38
Band_12	mid	707.5	23095	5	50%RB mid	QPSK	21.41
Band_12	mid	707.5	23095	5	50%RB high	QPSK	21.44
Band_12	mid	707.5	23095	5	100%RB	QPSK	21.37
Band_12	high	713.5	23155	5	1RB low	QPSK	22.52
Band_12	high	713.5	23155	5	1RB mid	QPSK	22.57
Band_12	high	713.5	23155	5	1RB high	QPSK	22.44
Band_12	high	713.5	23155	5	50%RB low	QPSK	21.47
Band_12	high	713.5	23155	5	50%RB mid	QPSK	21.46
Band_12	high	713.5	23155	5	50%RB high	QPSK	21.49
Band_12	high	713.5	23155	5	100%RB	QPSK	21.49
Band_12	low	704	23060	10	1RB low	QPSK	22.53
Band_12	low	704	23060	10	1RB mid	QPSK	22.71
Band_12	low	704	23060	10	1RB high	QPSK	22.45
Band_12	low	704	23060	10	50%RB low	QPSK	21.35
Band_12	low	704	23060	10	50%RB mid	QPSK	21.54
Band_12	low	704	23060	10	50%RB high	QPSK	21.56
Band_12	low	704	23060	10	100%RB	QPSK	21.53
Band_12	mid	707.5	23095	10	1RB low	QPSK	22.52
Band_12	mid	707.5	23095	10	1RB mid	QPSK	22.52
Band_12	mid	707.5	23095	10	1RB high	QPSK	22.44
Band_12	mid	707.5	23095	10	50%RB low	QPSK	21.45
Band_12	mid	707.5	23095	10	50%RB mid	QPSK	21.45
Band_12	mid	707.5	23095	10	50%RB high	QPSK	21.28
Band_12	mid	707.5	23095	10	100%RB	QPSK	21.39
Band_12	high	711	23130	10	1RB low	QPSK	22.63
Band_12	high	711	23130	10	1RB mid	QPSK	23.12
Band_12	high	711	23130	10	1RB high	QPSK	22.40
Band_12	high	711	23130	10	50%RB low	QPSK	21.46
Band_12	high	711	23130	10	50%RB mid	QPSK	21.40
Band_12	high	711	23130	10	50%RB high	QPSK	21.46
Band_12	high	711	23130	10	100%RB	QPSK	21.48

6. LTE FDD 13

Frequency Band	Chan.	Frequency [MHz]	Channel	Bandwidth [MHz]	Resource block allocation	Modulation	P _{avg} [dBm]
Band_13	low	779.5	23205	5	1RB low	QPSK	22.59
Band_13	low	779.5	23205	5	1RB mid	QPSK	22.65
Band_13	low	779.5	23205	5	1RB high	QPSK	22.62
Band_13	low	779.5	23205	5	50%RB low	QPSK	21.70
Band_13	low	779.5	23205	5	50%RB mid	QPSK	21.71
Band_13	low	779.5	23205	5	50%RB high	QPSK	21.71
Band_13	low	779.5	23205	5	100%RB	QPSK	21.63
Band_13	mid	782	23230	5	1RB low	QPSK	22.57
Band_13	mid	782	23230	5	1RB mid	QPSK	22.72
Band_13	mid	782	23230	5	1RB high	QPSK	22.71
Band_13	mid	782	23230	5	50%RB low	QPSK	21.66
Band_13	mid	782	23230	5	50%RB mid	QPSK	21.67
Band_13	mid	782	23230	5	50%RB high	QPSK	21.73
Band_13	mid	782	23230	5	100%RB	QPSK	21.61
Band_13	high	784.5	23255	5	1RB low	QPSK	22.56
Band_13	high	784.5	23255	5	1RB mid	QPSK	22.69
Band_13	high	784.5	23255	5	1RB high	QPSK	22.60
Band_13	high	784.5	23255	5	50%RB low	QPSK	21.65
Band_13	high	784.5	23255	5	50%RB mid	QPSK	21.64
Band_13	high	784.5	23255	5	50%RB high	QPSK	21.61
Band_13	high	784.5	23255	5	100%RB	QPSK	21.64
Band_13	mid	782	23230	10	1RB low	QPSK	22.62
Band_13	mid	782	23230	10	1RB mid	QPSK	22.67
Band_13	mid	782	23230	10	1RB high	QPSK	22.62
Band_13	mid	782	23230	10	50%RB low	QPSK	21.60
Band_13	mid	782	23230	10	50%RB mid	QPSK	21.56
Band_13	mid	782	23230	10	50%RB high	QPSK	21.53
Band_13	mid	782	23230	10	100%RB	QPSK	21.57

7. LTE FDD 26

Frequency Band	Chan.	Frequency [MHz]	Channel	Bandwidth [MHz]	Resource block allocation	Modulation	P _{avg} [dBm]
Band_26	low	814.7	26697	1.4	1RB low	QPSK	21.99
Band_26	low	814.7	26697	1.4	1RB mid	QPSK	21.94
Band_26	low	814.7	26697	1.4	1RB high	QPSK	21.93
Band_26	low	814.7	26697	1.4	50%RB low	QPSK	21.79
Band_26	low	814.7	26697	1.4	50%RB mid	QPSK	21.79
Band_26	low	814.7	26697	1.4	50%RB high	QPSK	21.82
Band_26	low	814.7	26697	1.4	100%RB	QPSK	20.73
Band_26	mid	831.5	26865	1.4	1RB low	QPSK	21.88
Band_26	mid	831.5	26865	1.4	1RB mid	QPSK	22.05
Band_26	mid	831.5	26865	1.4	1RB high	QPSK	21.97
Band_26	mid	831.5	26865	1.4	50%RB low	QPSK	21.78
Band_26	mid	831.5	26865	1.4	50%RB mid	QPSK	21.85
Band_26	mid	831.5	26865	1.4	50%RB high	QPSK	21.89
Band_26	high	848.3	27033	1.4	1RB low	QPSK	22.14
Band_26	high	848.3	27033	1.4	1RB mid	QPSK	22.17
Band_26	high	848.3	27033	1.4	1RB high	QPSK	22.04
Band_26	high	848.3	27033	1.4	50%RB low	QPSK	22.24
Band_26	high	848.3	27033	1.4	50%RB mid	QPSK	22.08
Band_26	high	848.3	27033	1.4	50%RB high	QPSK	22.04
Band_26	mid	831.5	26865	1.4	100%RB	QPSK	20.85
Band_26	high	848.3	27033	1.4	100%RB	QPSK	21.17
Band_26	low	815.5	26705	3	100%RB	QPSK	20.85
Band_26	low	815.5	26705	3	1RB low	QPSK	21.84
Band_26	low	815.5	26705	3	1RB mid	QPSK	22.33
Band_26	low	815.5	26705	3	1RB high	QPSK	21.93
Band_26	low	815.5	26705	3	50%RB low	QPSK	20.84
Band_26	low	815.5	26705	3	50%RB mid	QPSK	20.82
Band_26	low	815.5	26705	3	50%RB high	QPSK	20.88
Band_26	mid	831.5	26865	3	1RB low	QPSK	21.70
Band_26	mid	831.5	26865	3	1RB mid	QPSK	22.09
Band_26	mid	831.5	26865	3	1RB high	QPSK	22.13
Band_26	mid	831.5	26865	3	50%RB low	QPSK	20.84
Band_26	mid	831.5	26865	3	50%RB mid	QPSK	20.83
Band_26	mid	831.5	26865	3	50%RB high	QPSK	20.96
Band_26	high	847.5	27025	3	1RB low	QPSK	22.06
Band_26	high	847.5	27025	3	1RB mid	QPSK	22.12
Band_26	high	847.5	27025	3	1RB high	QPSK	21.94
Band_26	high	847.5	27025	3	50%RB low	QPSK	20.97
Band_26	high	847.5	27025	3	50%RB mid	QPSK	20.94
Band_26	high	847.5	27025	3	50%RB high	QPSK	21.01
Band_26	mid	831.5	26865	3	100%RB	QPSK	20.93
Band_26	high	847.5	27025	3	100%RB	QPSK	20.98
Band_26	low	816.5	26715	5	100%RB	QPSK	20.79

Band_26	low	816.5	26715	5	1RB low	QPSK	21.79
Band_26	low	816.5	26715	5	1RB mid	QPSK	21.95
Band_26	low	816.5	26715	5	1RB high	QPSK	22.02
Band_26	low	816.5	26715	5	50%RB low	QPSK	20.81
Band_26	low	816.5	26715	5	50%RB mid	QPSK	20.97
Band_26	low	816.5	26715	5	50%RB high	QPSK	20.91
Band_26	mid	831.5	26865	5	1RB low	QPSK	21.78
Band_26	mid	831.5	26865	5	1RB mid	QPSK	21.92
Band_26	mid	831.5	26865	5	1RB high	QPSK	22.10
Band_26	mid	831.5	26865	5	50%RB low	QPSK	20.90
Band_26	mid	831.5	26865	5	50%RB mid	QPSK	20.94
Band_26	mid	831.5	26865	5	50%RB high	QPSK	21.03
Band_26	mid	831.5	26865	5	100%RB	QPSK	20.82
Band_26	high	846.5	27015	5	1RB low	QPSK	23.47
Band_26	high	846.5	27015	5	1RB mid	QPSK	23.66
Band_26	high	846.5	27015	5	1RB high	QPSK	23.51
Band_26	high	846.5	27015	5	50%RB low	QPSK	22.39
Band_26	high	846.5	27015	5	50%RB mid	QPSK	22.49
Band_26	high	846.5	27015	5	50%RB high	QPSK	22.52
Band_26	high	846.5	27015	5	100%RB	QPSK	22.46
Band_26	low	819	26740	10	100%RB	QPSK	20.94
Band_26	mid	831.5	26865	10	100%RB	QPSK	20.90
Band_26	low	819	26740	10	1RB low	QPSK	21.88
Band_26	low	819	26740	10	1RB mid	QPSK	22.04
Band_26	low	819	26740	10	1RB high	QPSK	21.85
Band_26	low	819	26740	10	50%RB low	QPSK	20.89
Band_26	low	819	26740	10	50%RB mid	QPSK	20.95
Band_26	low	819	26740	10	50%RB high	QPSK	20.96
Band_26	mid	831.5	26865	10	1RB low	QPSK	21.85
Band_26	mid	831.5	26865	10	1RB mid	QPSK	22.40
Band_26	mid	831.5	26865	10	1RB high	QPSK	21.88
Band_26	mid	831.5	26865	10	50%RB low	QPSK	20.84
Band_26	mid	831.5	26865	10	50%RB mid	QPSK	20.93
Band_26	mid	831.5	26865	10	50%RB high	QPSK	20.96
Band_26	high	844	26990	10	1RB low	QPSK	23.24
Band_26	high	844	26990	10	1RB mid	QPSK	23.28
Band_26	high	844	26990	10	1RB high	QPSK	23.16
Band_26	high	844	26990	10	50%RB low	QPSK	21.81
Band_26	high	844	26990	10	50%RB mid	QPSK	21.90
Band_26	high	844	26990	10	50%RB high	QPSK	21.88
Band_26	high	844	26990	10	100%RB	QPSK	21.64
Band_26	low	821.5	26765	15	100%RB	QPSK	20.98
Band_26	mid	831.5	26865	15	100%RB	QPSK	20.85
Band_26	low	821.5	26765	15	1RB low	QPSK	21.94
Band_26	low	821.5	26765	15	1RB mid	QPSK	22.43
Band_26	low	821.5	26765	15	1RB high	QPSK	21.83
Band_26	low	821.5	26765	15	50%RB low	QPSK	20.97

Band_26	low	821.5	26765	15	50%RB mid	QPSK	20.95
Band_26	low	821.5	26765	15	50%RB high	QPSK	20.95
Band_26	mid	831.5	26865	15	1RB low	QPSK	21.81
Band_26	mid	831.5	26865	15	1RB mid	QPSK	22.08
Band_26	mid	831.5	26865	15	1RB high	QPSK	22.14
Band_26	mid	831.5	26865	15	50%RB low	QPSK	20.85
Band_26	mid	831.5	26865	15	50%RB mid	QPSK	20.94
Band_26	mid	831.5	26865	15	50%RB high	QPSK	21.04
Band_26	high	841.5	26965	15	1RB low	QPSK	22.43
Band_26	high	841.5	26965	15	1RB mid	QPSK	22.67
Band_26	high	841.5	26965	15	1RB high	QPSK	22.35
Band_26	high	841.5	26965	15	50%RB low	QPSK	21.30
Band_26	high	841.5	26965	15	50%RB mid	QPSK	21.26
Band_26	high	841.5	26965	15	50%RB high	QPSK	21.32
Band_26	high	841.5	26965	15	100%RB	QPSK	21.20

8. LTE TDD 38

Frequency Band	Chan.	Frequency [MHz]	Channel	Bandwidth [MHz]	Resource block allocation	Modulation	P _{avg} [dBm]
Band_38	low	2572.5	37775	5	1RB_low	QPSK	23.29
Band_38	low	2572.5	37775	5	1RB_mid	QPSK	23.22
Band_38	low	2572.5	37775	5	1RB_high	QPSK	23.43
Band_38	low	2572.5	37775	5	50%RB_low	QPSK	22.42
Band_38	low	2572.5	37775	5	50%RB_mid	QPSK	22.47
Band_38	low	2572.5	37775	5	50%RB_high	QPSK	22.45
Band_38	low	2572.5	37775	5	100%RB	QPSK	22.53
Band_38	mid	2595	38000	5	1RB_low	QPSK	22.88
Band_38	mid	2595	38000	5	1RB_mid	QPSK	22.87
Band_38	mid	2595	38000	5	1RB_high	QPSK	22.84
Band_38	mid	2595	38000	5	50%RB_low	QPSK	21.88
Band_38	mid	2595	38000	5	50%RB_mid	QPSK	21.78
Band_38	mid	2595	38000	5	50%RB_high	QPSK	21.74
Band_38	mid	2595	38000	5	100%RB	QPSK	21.86
Band_38	high	2617.5	38225	5	1RB_low	QPSK	22.69
Band_38	high	2617.5	38225	5	1RB_mid	QPSK	22.70
Band_38	high	2617.5	38225	5	1RB_high	QPSK	22.63
Band_38	high	2617.5	38225	5	50%RB_low	QPSK	21.66
Band_38	high	2617.5	38225	5	50%RB_mid	QPSK	21.74
Band_38	high	2617.5	38225	5	50%RB_high	QPSK	21.69
Band_38	high	2617.5	38225	5	100%RB	QPSK	21.56
Band_38	low	2575	37800	10	1RB_low	QPSK	23.15
Band_38	low	2575	37800	10	1RB_mid	QPSK	23.21
Band_38	low	2575	37800	10	1RB_high	QPSK	23.08
Band_38	low	2575	37800	10	50%RB_low	QPSK	22.41
Band_38	low	2575	37800	10	50%RB_mid	QPSK	22.27
Band_38	low	2575	37800	10	50%RB_high	QPSK	22.04
Band_38	low	2575	37800	10	100%RB	QPSK	22.21
Band_38	mid	2595	38000	10	1RB_low	QPSK	22.76
Band_38	mid	2595	38000	10	1RB_mid	QPSK	22.86
Band_38	mid	2595	38000	10	1RB_high	QPSK	22.96
Band_38	mid	2595	38000	10	50%RB_low	QPSK	21.87
Band_38	mid	2595	38000	10	50%RB_mid	QPSK	21.67
Band_38	mid	2595	38000	10	50%RB_high	QPSK	21.71
Band_38	mid	2595	38000	10	100%RB	QPSK	21.80
Band_38	high	2615	38200	10	1RB_low	QPSK	22.95
Band_38	high	2615	38200	10	1RB_mid	QPSK	22.84
Band_38	high	2615	38200	10	1RB_high	QPSK	22.54
Band_38	high	2615	38200	10	50%RB_low	QPSK	21.84
Band_38	high	2615	38200	10	50%RB_mid	QPSK	21.72
Band_38	high	2615	38200	10	50%RB_high	QPSK	21.61
Band_38	high	2615	38200	10	100%RB	QPSK	21.68
Band_38	low	2577.5	37825	15	1RB_low	QPSK	23.05

Band_38	low	2577.5	37825	15	1RB_mid	QPSK	23.25
Band_38	low	2577.5	37825	15	1RB_high	QPSK	22.95
Band_38	low	2577.5	37825	15	50%RB_low	QPSK	22.07
Band_38	low	2577.5	37825	15	50%RB_mid	QPSK	21.93
Band_38	low	2577.5	37825	15	50%RB_high	QPSK	21.83
Band_38	low	2577.5	37825	15	100%RB	QPSK	21.89
Band_38	mid	2595	38000	15	1RB_low	QPSK	22.87
Band_38	mid	2595	38000	15	1RB_mid	QPSK	22.99
Band_38	mid	2595	38000	15	1RB_high	QPSK	22.95
Band_38	mid	2595	38000	15	50%RB_low	QPSK	21.78
Band_38	mid	2595	38000	15	50%RB_mid	QPSK	21.70
Band_38	mid	2595	38000	15	50%RB_high	QPSK	21.67
Band_38	mid	2595	38000	15	100%RB	QPSK	21.74
Band_38	high	2612.5	38175	15	1RB_low	QPSK	22.70
Band_38	high	2612.5	38175	15	1RB_mid	QPSK	22.97
Band_38	high	2612.5	38175	15	1RB_high	QPSK	22.99
Band_38	high	2612.5	38175	15	50%RB_low	QPSK	21.74
Band_38	high	2612.5	38175	15	50%RB_mid	QPSK	21.74
Band_38	high	2612.5	38175	15	50%RB_high	QPSK	21.57
Band_38	high	2612.5	38175	15	100%RB	QPSK	21.64
Band_38	low	2580	37850	20	1RB_low	QPSK	23.02
Band_38	low	2580	37850	20	1RB_mid	QPSK	22.94
Band_38	low	2580	37850	20	1RB_high	QPSK	22.88
Band_38	low	2580	37850	20	50%RB_low	QPSK	21.91
Band_38	low	2580	37850	20	50%RB_mid	QPSK	21.81
Band_38	low	2580	37850	20	50%RB_high	QPSK	21.68
Band_38	low	2580	37850	20	100%RB	QPSK	21.75
Band_38	mid	2595	38000	20	1RB_low	QPSK	22.52
Band_38	mid	2595	38000	20	1RB_mid	QPSK	22.72
Band_38	mid	2595	38000	20	1RB_high	QPSK	22.56
Band_38	mid	2595	38000	20	50%RB_low	QPSK	21.79
Band_38	mid	2595	38000	20	50%RB_mid	QPSK	21.62
Band_38	mid	2595	38000	20	50%RB_high	QPSK	21.65
Band_38	mid	2595	38000	20	100%RB	QPSK	21.66
Band_38	high	2610	38150	20	1RB_low	QPSK	22.88
Band_38	high	2610	38150	20	1RB_mid	QPSK	22.72
Band_38	high	2610	38150	20	1RB_high	QPSK	22.62
Band_38	high	2610	38150	20	50%RB_low	QPSK	21.71
Band_38	high	2610	38150	20	50%RB_mid	QPSK	21.67
Band_38	high	2610	38150	20	50%RB_high	QPSK	21.58
Band_38	high	2610	38150	20	100%RB	QPSK	21.67

9. LTE TDD 41

Frequency Band	Chan.	Frequency [MHz]	Channel	Bandwidth [MHz]	Resource block allocation	Modulation	P _{avg} [dBm]
Band_41	low	2498.5	39675	5	1RB_low	QPSK	22.79
Band_41	low	2498.5	39675	5	1RB_mid	QPSK	22.55
Band_41	low	2498.5	39675	5	1RB_high	QPSK	22.52
Band_41	low	2498.5	39675	5	50%RB_low	QPSK	21.76
Band_41	low	2498.5	39675	5	50%RB_mid	QPSK	21.69
Band_41	low	2498.5	39675	5	50%RB_high	QPSK	21.66
Band_41	low	2498.5	39675	5	100%RB	QPSK	21.57
Band_41	mid	2593	40620	5	1RB_low	QPSK	22.34
Band_41	mid	2593	40620	5	1RB_mid	QPSK	22.45
Band_41	mid	2593	40620	5	1RB_high	QPSK	22.42
Band_41	mid	2593	40620	5	50%RB_low	QPSK	21.53
Band_41	mid	2593	40620	5	50%RB_mid	QPSK	21.58
Band_41	mid	2593	40620	5	50%RB_high	QPSK	21.55
Band_41	mid	2593	40620	5	100%RB	QPSK	21.51
Band_41	high	2687.5	41565	5	1RB_low	QPSK	22.33
Band_41	high	2687.5	41565	5	1RB_mid	QPSK	22.46
Band_41	high	2687.5	41565	5	1RB_high	QPSK	22.59
Band_41	high	2687.5	41565	5	50%RB_low	QPSK	21.61
Band_41	high	2687.5	41565	5	50%RB_mid	QPSK	21.61
Band_41	high	2687.5	41565	5	50%RB_high	QPSK	21.57
Band_41	high	2687.5	41565	5	100%RB	QPSK	21.50
Band_41	low	2501	39700	10	1RB_low	QPSK	22.70
Band_41	low	2501	39700	10	1RB_mid	QPSK	22.52
Band_41	low	2501	39700	10	1RB_high	QPSK	22.55
Band_41	low	2501	39700	10	50%RB_low	QPSK	21.59
Band_41	low	2501	39700	10	50%RB_mid	QPSK	21.64
Band_41	low	2501	39700	10	50%RB_high	QPSK	21.60
Band_41	low	2501	39700	10	100%RB	QPSK	21.57
Band_41	mid	2593	40620	10	1RB_low	QPSK	22.64
Band_41	mid	2593	40620	10	1RB_mid	QPSK	22.51
Band_41	mid	2593	40620	10	1RB_high	QPSK	22.40
Band_41	mid	2593	40620	10	50%RB_low	QPSK	21.72
Band_41	mid	2593	40620	10	50%RB_mid	QPSK	21.56
Band_41	mid	2593	40620	10	50%RB_high	QPSK	21.56
Band_41	mid	2593	40620	10	100%RB	QPSK	21.66
Band_41	high	2685	41540	10	1RB_low	QPSK	22.66
Band_41	high	2685	41540	10	1RB_mid	QPSK	22.48
Band_41	high	2685	41540	10	1RB_high	QPSK	22.49
Band_41	high	2685	41540	10	50%RB_low	QPSK	21.70
Band_41	high	2685	41540	10	50%RB_mid	QPSK	21.77
Band_41	high	2685	41540	10	50%RB_high	QPSK	21.49
Band_41	high	2685	41540	10	100%RB	QPSK	21.65
Band_41	low	2503.5	39725	15	1RB_low	QPSK	22.70

Band_41	low	2503.5	39725	15	1RB_mid	QPSK	22.61
Band_41	low	2503.5	39725	15	1RB_high	QPSK	22.43
Band_41	low	2503.5	39725	15	50%RB_low	QPSK	21.47
Band_41	low	2503.5	39725	15	50%RB_mid	QPSK	21.46
Band_41	low	2503.5	39725	15	50%RB_high	QPSK	21.47
Band_41	low	2503.5	39725	15	100%RB	QPSK	21.40
Band_41	mid	2593	40620	15	1RB_low	QPSK	22.67
Band_41	mid	2593	40620	15	1RB_mid	QPSK	22.67
Band_41	mid	2593	40620	15	1RB_high	QPSK	22.65
Band_41	mid	2593	40620	15	50%RB_low	QPSK	21.65
Band_41	mid	2593	40620	15	50%RB_mid	QPSK	21.64
Band_41	mid	2593	40620	15	50%RB_high	QPSK	21.54
Band_41	mid	2593	40620	15	100%RB	QPSK	21.53
Band_41	high	2682.5	41515	15	1RB_low	QPSK	22.51
Band_41	high	2682.5	41515	15	1RB_mid	QPSK	22.77
Band_41	high	2682.5	41515	15	1RB_high	QPSK	22.45
Band_41	high	2682.5	41515	15	50%RB_low	QPSK	21.68
Band_41	high	2682.5	41515	15	50%RB_mid	QPSK	21.65
Band_41	high	2682.5	41515	15	50%RB_high	QPSK	21.49
Band_41	high	2682.5	41515	15	100%RB	QPSK	21.51
Band_41	low	2506	39750	20	1RB_low	QPSK	22.71
Band_41	low	2506	39750	20	1RB_mid	QPSK	22.49
Band_41	low	2506	39750	20	1RB_high	QPSK	22.27
Band_41	low	2506	39750	20	50%RB_low	QPSK	21.51
Band_41	low	2506	39750	20	50%RB_mid	QPSK	21.56
Band_41	low	2506	39750	20	50%RB_high	QPSK	21.55
Band_41	low	2506	39750	20	100%RB	QPSK	21.45
Band_41	mid	2593	40620	20	1RB_low	QPSK	22.51
Band_41	mid	2593	40620	20	1RB_mid	QPSK	22.67
Band_41	mid	2593	40620	20	1RB_high	QPSK	22.48
Band_41	mid	2593	40620	20	50%RB_low	QPSK	21.71
Band_41	mid	2593	40620	20	50%RB_mid	QPSK	21.59
Band_41	mid	2593	40620	20	50%RB_high	QPSK	21.48
Band_41	mid	2593	40620	20	100%RB	QPSK	21.58
Band_41	high	2680	41490	20	1RB_low	QPSK	22.39
Band_41	high	2680	41490	20	1RB_mid	QPSK	22.63
Band_41	high	2680	41490	20	1RB_high	QPSK	22.51
Band_41	high	2680	41490	20	50%RB_low	QPSK	21.61
Band_41	high	2680	41490	20	50%RB_mid	QPSK	21.60
Band_41	high	2680	41490	20	50%RB_high	QPSK	21.47
Band_41	high	2680	41490	20	100%RB	QPSK	21.52

10. LTE FDD 66

Frequency Band	Chan.	Frequency [MHz]	Channel	Bandwidth [MHz]	Resource block allocation	Modulation	P _{avg} [dBm]
Band_66	low	1710.7	131979	1.4	1RB low	QPSK	22.58
Band_66	low	1710.7	131979	1.4	1RB mid	QPSK	22.62
Band_66	low	1710.7	131979	1.4	1RB high	QPSK	22.55
Band_66	low	1710.7	131979	1.4	50%RB low	QPSK	22.34
Band_66	low	1710.7	131979	1.4	50%RB mid	QPSK	22.33
Band_66	low	1710.7	131979	1.4	50%RB high	QPSK	22.24
Band_66	low	1710.7	131979	1.4	100%RB	QPSK	21.16
Band_66	mid	1745	132322	1.4	1RB low	QPSK	21.81
Band_66	mid	1745	132322	1.4	1RB mid	QPSK	21.79
Band_66	mid	1745	132322	1.4	1RB high	QPSK	21.53
Band_66	mid	1745	132322	1.4	50%RB low	QPSK	21.60
Band_66	mid	1745	132322	1.4	50%RB mid	QPSK	21.57
Band_66	mid	1745	132322	1.4	50%RB high	QPSK	21.65
Band_66	mid	1745	132322	1.4	100%RB	QPSK	20.64
Band_66	high	1779.3	132665	1.4	1RB low	QPSK	21.84
Band_66	high	1779.3	132665	1.4	1RB mid	QPSK	22.21
Band_66	high	1779.3	132665	1.4	1RB high	QPSK	21.59
Band_66	high	1779.3	132665	1.4	50%RB low	QPSK	21.63
Band_66	high	1779.3	132665	1.4	50%RB mid	QPSK	21.62
Band_66	high	1779.3	132665	1.4	50%RB high	QPSK	21.67
Band_66	high	1779.3	132665	1.4	100%RB	QPSK	20.66
Band_66	low	1711.5	131987	3	1RB low	QPSK	22.05
Band_66	low	1711.5	131987	3	1RB mid	QPSK	22.34
Band_66	low	1711.5	131987	3	1RB high	QPSK	22.05
Band_66	low	1711.5	131987	3	50%RB low	QPSK	21.08
Band_66	low	1711.5	131987	3	50%RB mid	QPSK	21.06
Band_66	low	1711.5	131987	3	50%RB high	QPSK	21.01
Band_66	low	1711.5	131987	3	100%RB	QPSK	20.98
Band_66	mid	1745	132322	3	1RB low	QPSK	21.72
Band_66	mid	1745	132322	3	1RB mid	QPSK	21.99
Band_66	mid	1745	132322	3	1RB high	QPSK	21.64
Band_66	mid	1745	132322	3	50%RB low	QPSK	20.76
Band_66	mid	1745	132322	3	50%RB mid	QPSK	20.67
Band_66	mid	1745	132322	3	50%RB high	QPSK	20.70
Band_66	mid	1745	132322	3	100%RB	QPSK	20.58
Band_66	high	1778.5	132657	3	1RB low	QPSK	21.88
Band_66	high	1778.5	132657	3	1RB mid	QPSK	21.90
Band_66	high	1778.5	132657	3	1RB high	QPSK	21.69
Band_66	high	1778.5	132657	3	50%RB low	QPSK	20.83
Band_66	high	1778.5	132657	3	50%RB mid	QPSK	20.75
Band_66	high	1778.5	132657	3	50%RB high	QPSK	20.60
Band_66	high	1778.5	132657	3	100%RB	QPSK	20.78
Band_66	low	1712.5	131997	5	1RB low	QPSK	21.86

Band_66	low	1712.5	131997	5	1RB mid	QPSK	22.01
Band_66	low	1712.5	131997	5	1RB high	QPSK	22.10
Band_66	low	1712.5	131997	5	50%RB low	QPSK	20.96
Band_66	low	1712.5	131997	5	50%RB mid	QPSK	21.04
Band_66	low	1712.5	131997	5	50%RB high	QPSK	21.01
Band_66	low	1712.5	131997	5	100%RB	QPSK	20.90
Band_66	mid	1745	132322	5	1RB low	QPSK	21.81
Band_66	mid	1745	132322	5	1RB mid	QPSK	21.68
Band_66	mid	1745	132322	5	1RB high	QPSK	21.50
Band_66	mid	1745	132322	5	50%RB low	QPSK	20.67
Band_66	mid	1745	132322	5	50%RB mid	QPSK	20.63
Band_66	mid	1745	132322	5	50%RB high	QPSK	20.70
Band_66	mid	1745	132322	5	100%RB	QPSK	20.68
Band_66	high	1777.5	132647	5	1RB low	QPSK	21.85
Band_66	high	1777.5	132647	5	1RB mid	QPSK	21.80
Band_66	high	1777.5	132647	5	1RB high	QPSK	21.81
Band_66	high	1777.5	132647	5	50%RB low	QPSK	20.85
Band_66	high	1777.5	132647	5	50%RB mid	QPSK	20.81
Band_66	high	1777.5	132647	5	50%RB high	QPSK	20.89
Band_66	high	1777.5	132647	5	100%RB	QPSK	20.81
Band_66	low	1715	132022	10	1RB low	QPSK	21.94
Band_66	low	1715	132022	10	1RB mid	QPSK	22.22
Band_66	low	1715	132022	10	1RB high	QPSK	22.29
Band_66	low	1715	132022	10	50%RB low	QPSK	20.92
Band_66	low	1715	132022	10	50%RB mid	QPSK	20.97
Band_66	low	1715	132022	10	50%RB high	QPSK	20.95
Band_66	low	1715	132022	10	100%RB	QPSK	20.82
Band_66	mid	1745	132322	10	1RB low	QPSK	21.83
Band_66	mid	1745	132322	10	1RB mid	QPSK	21.58
Band_66	mid	1745	132322	10	1RB high	QPSK	21.62
Band_66	mid	1745	132322	10	50%RB low	QPSK	20.70
Band_66	mid	1745	132322	10	50%RB mid	QPSK	20.64
Band_66	mid	1745	132322	10	50%RB high	QPSK	20.63
Band_66	mid	1745	132322	10	100%RB	QPSK	20.63
Band_66	high	1775	132622	10	1RB low	QPSK	21.91
Band_66	high	1775	132622	10	1RB mid	QPSK	21.85
Band_66	high	1775	132622	10	1RB high	QPSK	21.81
Band_66	high	1775	132622	10	50%RB low	QPSK	20.81
Band_66	high	1775	132622	10	50%RB mid	QPSK	20.77
Band_66	high	1775	132622	10	50%RB high	QPSK	20.62
Band_66	high	1775	132622	10	100%RB	QPSK	20.77
Band_66	low	1717.5	132047	15	1RB low	QPSK	21.82
Band_66	low	1717.5	132047	15	1RB mid	QPSK	22.72
Band_66	low	1717.5	132047	15	1RB high	QPSK	22.00
Band_66	low	1717.5	132047	15	50%RB low	QPSK	20.76
Band_66	low	1717.5	132047	15	50%RB mid	QPSK	20.90
Band_66	low	1717.5	132047	15	50%RB high	QPSK	21.02

Band_66	low	1717.5	132047	15	100%RB	QPSK	20.95
Band_66	mid	1745	132322	15	1RB low	QPSK	21.88
Band_66	mid	1745	132322	15	1RB mid	QPSK	21.94
Band_66	mid	1745	132322	15	1RB high	QPSK	21.56
Band_66	mid	1745	132322	15	50%RB low	QPSK	20.68
Band_66	mid	1745	132322	15	50%RB mid	QPSK	20.55
Band_66	mid	1745	132322	15	50%RB high	QPSK	20.58
Band_66	mid	1745	132322	15	100%RB	QPSK	20.71
Band_66	high	1772.5	132597	15	1RB low	QPSK	21.81
Band_66	high	1772.5	132597	15	1RB mid	QPSK	21.94
Band_66	high	1772.5	132597	15	1RB high	QPSK	21.85
Band_66	high	1772.5	132597	15	50%RB low	QPSK	20.91
Band_66	high	1772.5	132597	15	50%RB mid	QPSK	20.86
Band_66	high	1772.5	132597	15	50%RB high	QPSK	20.80
Band_66	high	1772.5	132597	15	100%RB	QPSK	20.90
Band_66	low	1720	132072	20	1RB low	QPSK	21.72
Band_66	low	1720	132072	20	1RB mid	QPSK	21.87
Band_66	low	1720	132072	20	1RB high	QPSK	22.05
Band_66	low	1720	132072	20	50%RB low	QPSK	20.77
Band_66	low	1720	132072	20	50%RB mid	QPSK	20.94
Band_66	low	1720	132072	20	50%RB high	QPSK	21.12
Band_66	low	1720	132072	20	100%RB	QPSK	20.83
Band_66	mid	1745	132322	20	1RB low	QPSK	21.84
Band_66	mid	1745	132322	20	1RB mid	QPSK	21.65
Band_66	mid	1745	132322	20	1RB high	QPSK	21.57
Band_66	mid	1745	132322	20	50%RB low	QPSK	20.77
Band_66	mid	1745	132322	20	50%RB mid	QPSK	20.61
Band_66	mid	1745	132322	20	50%RB high	QPSK	20.52
Band_66	mid	1745	132322	20	100%RB	QPSK	20.73
Band_66	high	1770	132572	20	1RB low	QPSK	21.60
Band_66	high	1770	132572	20	1RB mid	QPSK	22.12
Band_66	high	1770	132572	20	1RB high	QPSK	21.82
Band_66	high	1770	132572	20	50%RB low	QPSK	20.79
Band_66	high	1770	132572	20	50%RB mid	QPSK	20.95
Band_66	high	1770	132572	20	50%RB high	QPSK	20.78
Band_66	high	1770	132572	20	100%RB	QPSK	20.91

11. Document History

Release	Applied changes	Release date
R01	initial release	July 30, 2026
R02	LTE 7 results were added and LTE 66 results were removed.	September 08, 2026
R03	LTE 7/38/41 were added.	September 15, 2026

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