

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Avg Power (dBm)
10MHz	50% RB mid	782	64QAM	19.60
10MHz	100% RB	782	64QAM	19.65
10MHz	1 RB low	782	QPSK	18.64
10MHz	1 RB high	782	QPSK	18.61
10MHz	50% RB mid	782	QPSK	17.71
10MHz	100% RB	782	QPSK	17.77
10MHz	1 RB low	782	16QAM	17.85
10MHz	1 RB high	782	16QAM	17.96
10MHz	50% RB mid	782	16QAM	16.80
10MHz	100% RB	782	16QAM	16.87
10MHz	1 RB low	782	64QAM	20.87
10MHz	1 RB high	782	64QAM	20.67
10MHz	50% RB mid	782	64QAM	19.56
10MHz	100% RB	782	64QAM	19.67
10MHz	1 RB low	782	QPSK	18.71
10MHz	1 RB high	782	QPSK	18.67
10MHz	50% RB mid	782	QPSK	17.81
10MHz	100% RB	782	QPSK	17.87
10MHz	1 RB low	782	16QAM	17.84
10MHz	1 RB high	782	16QAM	17.93
10MHz	50% RB mid	782	16QAM	16.81
10MHz	100% RB	782	16QAM	16.82
10MHz	1 RB low	782	64QAM	20.81
10MHz	1 RB high	782	64QAM	20.69
10MHz	50% RB mid	782	64QAM	19.59
10MHz	100% RB	782	64QAM	19.71

LTE BAND 14

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Avg Power (dBm)
5MHz	1 RB low	790.5	QPSK	22.50
5MHz	50% RB mid	790.5	QPSK	21.58
5MHz	1 RB high	790.5	QPSK	22.60
5MHz	100% RB	790.5	QPSK	21.54
5MHz	1 RB low	790.5	16QAM	21.60
5MHz	50% RB mid	790.5	16QAM	20.70
5MHz	1 RB high	790.5	16QAM	21.78
5MHz	100% RB	790.5	16QAM	20.52
5MHz	1 RB low	793	QPSK	22.54
5MHz	50% RB mid	793	QPSK	21.57
5MHz	1 RB high	793	QPSK	22.64
5MHz	100% RB	793	QPSK	21.55
5MHz	1 RB low	793	16QAM	21.75
5MHz	50% RB mid	793	16QAM	20.70
5MHz	1 RB high	793	16QAM	21.89
5MHz	100% RB	793	16QAM	20.53
5MHz	1 RB low	795.5	QPSK	22.61
5MHz	50% RB mid	795.5	QPSK	21.65
5MHz	1 RB high	795.5	QPSK	22.57
5MHz	100% RB	795.5	QPSK	21.68
5MHz	1 RB low	795.5	16QAM	21.78

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Avg Power (dBm)
5MHz	50% RB mid	795.5	16QAM	20.78
5MHz	1 RB high	795.5	16QAM	21.62
5MHz	100% RB	795.5	16QAM	20.68
5MHz	1 RB low	790.5	64QAM	20.66
5MHz	1 RB high	790.5	64QAM	20.68
5MHz	50% RB mid	790.5	64QAM	19.79
5MHz	100% RB	790.5	64QAM	19.57
5MHz	1 RB low	793	64QAM	20.74
5MHz	1 RB high	793	64QAM	20.72
5MHz	50% RB mid	793	64QAM	19.58
5MHz	100% RB	793	64QAM	19.51
5MHz	1 RB low	795.5	64QAM	20.72
5MHz	1 RB high	795.5	64QAM	20.55
5MHz	50% RB mid	795.5	64QAM	19.63
5MHz	100% RB	795.5	64QAM	19.63
10MHz	1 RB low	793	QPSK	22.50
10MHz	50% RB mid	793	QPSK	21.57
10MHz	1 RB high	793	QPSK	22.49
10MHz	100% RB	793	QPSK	21.53
10MHz	1 RB low	793	16QAM	21.73
10MHz	50% RB mid	793	16QAM	20.63
10MHz	1 RB high	793	16QAM	21.61
10MHz	100% RB	793	16QAM	20.56
10MHz	1 RB low	793	64QAM	20.61
10MHz	1 RB high	793	64QAM	20.81
10MHz	50% RB mid	793	64QAM	19.63
10MHz	100% RB	793	64QAM	19.55
10MHz	1 RB low	793	QPSK	18.69
10MHz	1 RB high	793	QPSK	18.74
10MHz	50% RB mid	793	QPSK	17.79
10MHz	100% RB	793	QPSK	17.86
10MHz	1 RB low	793	16QAM	17.87
10MHz	1 RB high	793	16QAM	17.96
10MHz	50% RB mid	793	16QAM	16.79
10MHz	100% RB	793	16QAM	16.86
10MHz	1 RB low	793	64QAM	20.70
10MHz	1 RB high	793	64QAM	20.80
10MHz	50% RB mid	793	64QAM	19.65
10MHz	100% RB	793	64QAM	19.56
10MHz	1 RB low	793	QPSK	18.70
10MHz	1 RB high	793	QPSK	18.72
10MHz	50% RB mid	793	QPSK	17.81
10MHz	100% RB	793	QPSK	17.87
10MHz	1 RB low	793	16QAM	17.91
10MHz	1 RB high	793	16QAM	17.93
10MHz	50% RB mid	793	16QAM	16.76
10MHz	100% RB	793	16QAM	16.89
10MHz	1 RB low	793	64QAM	20.62
10MHz	1 RB high	793	64QAM	20.89
10MHz	50% RB mid	793	64QAM	19.65

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Avg Power (dBm)
10MHz	100% RB	793	64QAM	19.62

LTE BAND 17

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Avg Power (dBm)
5MHz	1 RB low	706.5	QPSK	22.48
5MHz	50% RB mid	706.5	QPSK	21.50
5MHz	1 RB high	706.5	QPSK	22.51
5MHz	100% RB	706.5	QPSK	21.47
5MHz	1 RB low	706.5	16QAM	21.58
5MHz	50% RB mid	706.5	16QAM	20.48
5MHz	1 RB high	706.5	16QAM	21.62
5MHz	100% RB	706.5	16QAM	20.50
5MHz	1 RB low	710	QPSK	22.51
5MHz	50% RB mid	710	QPSK	21.43
5MHz	1 RB high	710	QPSK	22.42
5MHz	100% RB	710	QPSK	21.39
5MHz	1 RB low	710	16QAM	21.68
5MHz	50% RB mid	710	16QAM	20.32
5MHz	1 RB high	710	16QAM	21.64
5MHz	100% RB	710	16QAM	20.42
5MHz	1 RB low	713.5	QPSK	22.47
5MHz	50% RB mid	713.5	QPSK	21.48
5MHz	1 RB high	713.5	QPSK	22.43
5MHz	100% RB	713.5	QPSK	21.44
5MHz	1 RB low	713.5	16QAM	21.53
5MHz	50% RB mid	713.5	16QAM	20.50
5MHz	1 RB high	713.5	16QAM	21.45
5MHz	100% RB	713.5	16QAM	20.46
5MHz	1 RB low	706.5	64QAM	20.39
5MHz	1 RB high	706.5	64QAM	20.55
5MHz	50% RB mid	706.5	64QAM	19.43
5MHz	100% RB	706.5	64QAM	19.39
5MHz	1 RB low	710	64QAM	20.54
5MHz	1 RB high	710	64QAM	20.50
5MHz	50% RB mid	710	64QAM	19.45
5MHz	100% RB	710	64QAM	19.40
5MHz	1 RB low	713.5	64QAM	20.40
5MHz	1 RB high	713.5	64QAM	20.41
5MHz	50% RB mid	713.5	64QAM	19.46
5MHz	100% RB	713.5	64QAM	19.40
10MHz	1 RB low	709	QPSK	22.41
10MHz	50% RB mid	709	QPSK	21.50
10MHz	1 RB high	709	QPSK	22.29
10MHz	100% RB	709	QPSK	21.39
10MHz	1 RB low	709	16QAM	21.53
10MHz	50% RB mid	709	16QAM	20.39
10MHz	1 RB high	709	16QAM	21.53
10MHz	100% RB	709	16QAM	20.44
10MHz	1 RB low	710	QPSK	22.42
10MHz	50% RB mid	710	QPSK	21.39

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Avg Power (dBm)
10MHz	1 RB high	710	QPSK	22.35
10MHz	100% RB	710	QPSK	21.44
10MHz	1 RB low	710	16QAM	21.52
10MHz	50% RB mid	710	16QAM	20.39
10MHz	1 RB high	710	16QAM	21.45
10MHz	100% RB	710	16QAM	20.40
10MHz	1 RB low	711	QPSK	22.40
10MHz	50% RB mid	711	QPSK	21.49
10MHz	1 RB high	711	QPSK	22.31
10MHz	100% RB	711	QPSK	21.41
10MHz	1 RB low	711	16QAM	21.62
10MHz	50% RB mid	711	16QAM	20.49
10MHz	1 RB high	711	16QAM	21.51
10MHz	100% RB	711	16QAM	20.44
10MHz	1 RB low	709	64QAM	20.61
10MHz	1 RB high	709	64QAM	20.51
10MHz	50% RB mid	709	64QAM	19.42
10MHz	100% RB	709	64QAM	19.42
10MHz	1 RB low	710	64QAM	20.36
10MHz	1 RB high	710	64QAM	20.43
10MHz	50% RB mid	710	64QAM	19.37
10MHz	100% RB	710	64QAM	19.40
10MHz	1 RB low	711	64QAM	20.55
10MHz	1 RB high	711	64QAM	20.41
10MHz	50% RB mid	711	64QAM	19.35
10MHz	100% RB	711	64QAM	19.41

LTE BAND 25

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Avg Power (dBm)
1.4MHz	1 RB low	1850.7	QPSK	22.11
1.4MHz	50% RB mid	1850.7	QPSK	22.17
1.4MHz	1 RB high	1850.7	QPSK	22.15
1.4MHz	100% RB	1850.7	QPSK	21.63
1.4MHz	1 RB low	1850.7	16QAM	21.68
1.4MHz	50% RB mid	1850.7	16QAM	21.86
1.4MHz	1 RB high	1850.7	16QAM	21.70
1.4MHz	100% RB	1850.7	16QAM	20.61
1.4MHz	1 RB low	1882.5	QPSK	22.11
1.4MHz	50% RB mid	1882.5	QPSK	22.15
1.4MHz	1 RB high	1882.5	QPSK	22.10
1.4MHz	100% RB	1882.5	QPSK	21.63
1.4MHz	1 RB low	1882.5	16QAM	21.85
1.4MHz	50% RB mid	1882.5	16QAM	21.85
1.4MHz	1 RB high	1882.5	16QAM	21.71
1.4MHz	100% RB	1882.5	16QAM	20.54
1.4MHz	1 RB low	1914.3	QPSK	21.95
1.4MHz	50% RB mid	1914.3	QPSK	22.00
1.4MHz	1 RB high	1914.3	QPSK	21.97
1.4MHz	100% RB	1914.3	QPSK	21.43
1.4MHz	1 RB low	1914.3	16QAM	21.42

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Avg Power (dBm)
1.4MHz	50% RB mid	1914.3	16QAM	21.57
1.4MHz	1 RB high	1914.3	16QAM	21.45
1.4MHz	100% RB	1914.3	16QAM	20.54
1.4MHz	1 RB low	1850.7	64QAM	20.52
1.4MHz	1 RB high	1850.7	64QAM	20.56
1.4MHz	50% RB mid	1850.7	64QAM	20.71
1.4MHz	100% RB	1850.7	64QAM	19.56
1.4MHz	1 RB low	1882.5	64QAM	20.60
1.4MHz	1 RB high	1882.5	64QAM	20.61
1.4MHz	50% RB mid	1882.5	64QAM	20.73
1.4MHz	100% RB	1882.5	64QAM	19.62
1.4MHz	1 RB low	1914.3	64QAM	20.66
1.4MHz	1 RB high	1914.3	64QAM	20.63
1.4MHz	50% RB mid	1914.3	64QAM	20.51
1.4MHz	100% RB	1914.3	64QAM	19.42
3MHz	1 RB low	1851.5	QPSK	22.10
3MHz	50% RB mid	1851.5	QPSK	21.74
3MHz	1 RB high	1851.5	QPSK	22.14
3MHz	100% RB	1851.5	QPSK	21.66
3MHz	1 RB low	1851.5	16QAM	21.80
3MHz	50% RB mid	1851.5	16QAM	20.79
3MHz	1 RB high	1851.5	16QAM	21.75
3MHz	100% RB	1851.5	16QAM	20.71
3MHz	1 RB low	1882.5	QPSK	22.17
3MHz	50% RB mid	1882.5	QPSK	21.69
3MHz	1 RB high	1882.5	QPSK	22.11
3MHz	100% RB	1882.5	QPSK	21.67
3MHz	1 RB low	1882.5	16QAM	21.65
3MHz	50% RB mid	1882.5	16QAM	20.82
3MHz	1 RB high	1882.5	16QAM	21.76
3MHz	100% RB	1882.5	16QAM	20.69
3MHz	1 RB low	1913.5	QPSK	21.90
3MHz	50% RB mid	1913.5	QPSK	21.51
3MHz	1 RB high	1913.5	QPSK	21.91
3MHz	100% RB	1913.5	QPSK	21.41
3MHz	1 RB low	1913.5	16QAM	21.56
3MHz	50% RB mid	1913.5	16QAM	20.60
3MHz	1 RB high	1913.5	16QAM	21.53
3MHz	100% RB	1913.5	16QAM	20.40
3MHz	1 RB low	1851.5	64QAM	20.61
3MHz	1 RB high	1851.5	64QAM	20.63
3MHz	50% RB mid	1851.5	64QAM	19.70
3MHz	100% RB	1851.5	64QAM	19.59
3MHz	1 RB low	1882.5	64QAM	20.62
3MHz	1 RB high	1882.5	64QAM	20.66
3MHz	50% RB mid	1882.5	64QAM	19.67
3MHz	100% RB	1882.5	64QAM	19.60
3MHz	1 RB low	1913.5	64QAM	20.57
3MHz	1 RB high	1913.5	64QAM	20.42
3MHz	50% RB mid	1913.5	64QAM	19.49

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Avg Power (dBm)
3MHz	100% RB	1913.5	64QAM	19.50
5MHz	1 RB low	1852.5	QPSK	22.21
5MHz	50% RB mid	1852.5	QPSK	21.76
5MHz	1 RB high	1852.5	QPSK	22.21
5MHz	100% RB	1852.5	QPSK	21.72
5MHz	1 RB low	1852.5	16QAM	21.74
5MHz	50% RB mid	1852.5	16QAM	20.77
5MHz	1 RB high	1852.5	16QAM	21.71
5MHz	100% RB	1852.5	16QAM	20.73
5MHz	1 RB low	1882.5	QPSK	22.14
5MHz	50% RB mid	1882.5	QPSK	21.73
5MHz	1 RB high	1882.5	QPSK	22.21
5MHz	100% RB	1882.5	QPSK	21.70
5MHz	1 RB low	1882.5	16QAM	21.74
5MHz	50% RB mid	1882.5	16QAM	20.71
5MHz	1 RB high	1882.5	16QAM	21.60
5MHz	100% RB	1882.5	16QAM	20.70
5MHz	1 RB low	1912.5	QPSK	22.04
5MHz	50% RB mid	1912.5	QPSK	21.56
5MHz	1 RB high	1912.5	QPSK	22.02
5MHz	100% RB	1912.5	QPSK	21.50
5MHz	1 RB low	1912.5	16QAM	21.73
5MHz	50% RB mid	1912.5	16QAM	20.50
5MHz	1 RB high	1912.5	16QAM	21.67
5MHz	100% RB	1912.5	16QAM	20.57
5MHz	1 RB low	1852.5	64QAM	20.54
5MHz	1 RB high	1852.5	64QAM	20.72
5MHz	50% RB mid	1852.5	64QAM	19.64
5MHz	100% RB	1852.5	64QAM	19.65
5MHz	1 RB low	1882.5	64QAM	20.74
5MHz	1 RB high	1882.5	64QAM	20.67
5MHz	50% RB mid	1882.5	64QAM	19.63
5MHz	100% RB	1882.5	64QAM	19.59
5MHz	1 RB low	1912.5	64QAM	20.68
5MHz	1 RB high	1912.5	64QAM	20.41
5MHz	50% RB mid	1912.5	64QAM	19.48
5MHz	100% RB	1912.5	64QAM	19.39
10MHz	1 RB low	1855	QPSK	22.16
10MHz	50% RB mid	1855	QPSK	21.73
10MHz	1 RB high	1855	QPSK	22.13
10MHz	100% RB	1855	QPSK	21.72
10MHz	1 RB low	1855	16QAM	21.84
10MHz	50% RB mid	1855	16QAM	20.67
10MHz	1 RB high	1855	16QAM	21.92
10MHz	100% RB	1855	16QAM	20.78
10MHz	1 RB low	1882.5	QPSK	22.16
10MHz	50% RB mid	1882.5	QPSK	21.70
10MHz	1 RB high	1882.5	QPSK	22.18
10MHz	100% RB	1882.5	QPSK	21.73
10MHz	1 RB low	1882.5	16QAM	21.71

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Avg Power (dBm)
10MHz	50% RB mid	1882.5	16QAM	20.80
10MHz	1 RB high	1882.5	16QAM	21.81
10MHz	100% RB	1882.5	16QAM	20.68
10MHz	1 RB low	1910	QPSK	22.01
10MHz	50% RB mid	1910	QPSK	21.55
10MHz	1 RB high	1910	QPSK	21.92
10MHz	100% RB	1910	QPSK	21.58
10MHz	1 RB low	1910	16QAM	21.70
10MHz	50% RB mid	1910	16QAM	20.55
10MHz	1 RB high	1910	16QAM	21.67
10MHz	100% RB	1910	16QAM	20.58
10MHz	1 RB low	1855	64QAM	20.83
10MHz	1 RB high	1855	64QAM	20.84
10MHz	50% RB mid	1855	64QAM	19.66
10MHz	100% RB	1855	64QAM	19.62
10MHz	1 RB low	1882.5	64QAM	20.61
10MHz	1 RB high	1882.5	64QAM	20.70
10MHz	50% RB mid	1882.5	64QAM	19.60
10MHz	100% RB	1882.5	64QAM	19.58
10MHz	1 RB low	1910	64QAM	20.67
10MHz	1 RB high	1910	64QAM	20.51
10MHz	50% RB mid	1910	64QAM	19.57
10MHz	100% RB	1910	64QAM	19.52
15MHz	1 RB low	1857.5	QPSK	22.02
15MHz	50% RB mid	1857.5	QPSK	21.62
15MHz	1 RB high	1857.5	QPSK	22.00
15MHz	100% RB	1857.5	QPSK	21.62
15MHz	1 RB low	1857.5	16QAM	21.79
15MHz	50% RB mid	1857.5	16QAM	20.64
15MHz	1 RB high	1857.5	16QAM	21.75
15MHz	100% RB	1857.5	16QAM	20.65
15MHz	1 RB low	1882.5	QPSK	22.04
15MHz	50% RB mid	1882.5	QPSK	21.62
15MHz	1 RB high	1882.5	QPSK	22.00
15MHz	100% RB	1882.5	QPSK	21.63
15MHz	1 RB low	1882.5	16QAM	21.82
15MHz	50% RB mid	1882.5	16QAM	20.64
15MHz	1 RB high	1882.5	16QAM	21.60
15MHz	100% RB	1882.5	16QAM	20.65
15MHz	1 RB low	1907.5	QPSK	21.96
15MHz	50% RB mid	1907.5	QPSK	21.43
15MHz	1 RB high	1907.5	QPSK	21.76
15MHz	100% RB	1907.5	QPSK	21.46
15MHz	1 RB low	1907.5	16QAM	21.64
15MHz	50% RB mid	1907.5	16QAM	20.44
15MHz	1 RB high	1907.5	16QAM	21.47
15MHz	100% RB	1907.5	16QAM	20.48
15MHz	1 RB low	1857.5	64QAM	20.70
15MHz	1 RB high	1857.5	64QAM	20.67
15MHz	50% RB mid	1857.5	64QAM	19.48

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Avg Power (dBm)
15MHz	100% RB	1857.5	64QAM	19.52
15MHz	1 RB low	1882.5	64QAM	20.62
15MHz	1 RB high	1882.5	64QAM	20.48
15MHz	50% RB mid	1882.5	64QAM	19.48
15MHz	100% RB	1882.5	64QAM	19.45
15MHz	1 RB low	1907.5	64QAM	20.71
15MHz	1 RB high	1907.5	64QAM	20.62
15MHz	50% RB mid	1907.5	64QAM	19.35
15MHz	100% RB	1907.5	64QAM	19.39
20MHz	1 RB low	1860	QPSK	22.09
20MHz	50% RB mid	1860	QPSK	21.69
20MHz	1 RB high	1860	QPSK	22.07
20MHz	100% RB	1860	QPSK	21.66
20MHz	1 RB low	1860	16QAM	21.73
20MHz	50% RB mid	1860	16QAM	20.71
20MHz	1 RB high	1860	16QAM	21.76
20MHz	100% RB	1860	16QAM	20.68
20MHz	1 RB low	1882.5	QPSK	22.02
20MHz	50% RB mid	1882.5	QPSK	21.67
20MHz	1 RB high	1882.5	QPSK	21.94
20MHz	100% RB	1882.5	QPSK	21.68
20MHz	1 RB low	1882.5	16QAM	21.60
20MHz	50% RB mid	1882.5	16QAM	20.68
20MHz	1 RB high	1882.5	16QAM	21.58
20MHz	100% RB	1882.5	16QAM	20.63
20MHz	1 RB low	1905	QPSK	21.99
20MHz	50% RB mid	1905	QPSK	21.46
20MHz	1 RB high	1905	QPSK	21.77
20MHz	100% RB	1905	QPSK	21.47
20MHz	1 RB low	1905	16QAM	21.87
20MHz	50% RB mid	1905	16QAM	20.49
20MHz	1 RB high	1905	16QAM	21.65
20MHz	100% RB	1905	16QAM	20.48
20MHz	1 RB low	1860	64QAM	20.47
20MHz	1 RB high	1860	64QAM	20.57
20MHz	50% RB mid	1860	64QAM	19.49
20MHz	100% RB	1860	64QAM	19.51
20MHz	1 RB low	1882.5	64QAM	20.54
20MHz	1 RB high	1882.5	64QAM	20.61
20MHz	50% RB mid	1882.5	64QAM	19.50
20MHz	100% RB	1882.5	64QAM	19.49
20MHz	1 RB low	1905	64QAM	20.54
20MHz	1 RB high	1905	64QAM	20.39
20MHz	50% RB mid	1905	64QAM	19.40
20MHz	100% RB	1905	64QAM	19.38

LTE BAND 26(part 22)

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Avg Power (dBm)
1.4MHz	1 RB low	824.7	64QAM	20.66
1.4MHz	1 RB mid	824.7	64QAM	20.72
1.4MHz	1 RB high	824.7	64QAM	20.74
1.4MHz	50%,low	824.7	64QAM	22.52
1.4MHz	50% RB mid	824.7	64QAM	20.63
1.4MHz	50%,high	824.7	64QAM	22.52
1.4MHz	100% RB	824.7	64QAM	19.58
1.4MHz	1 RB low	836.5	64QAM	20.50
1.4MHz	1 RB mid	836.5	64QAM	20.56
1.4MHz	1 RB high	836.5	64QAM	20.57
1.4MHz	50%,low	836.5	64QAM	22.39
1.4MHz	50% RB mid	836.5	64QAM	20.53
1.4MHz	50%,high	836.5	64QAM	22.45
1.4MHz	100% RB	836.5	64QAM	19.42
1.4MHz	1 RB low	848.3	64QAM	20.68
1.4MHz	1 RB mid	848.3	64QAM	20.62
1.4MHz	1 RB high	848.3	64QAM	20.64
1.4MHz	50%,low	848.3	64QAM	22.55
1.4MHz	50% RB mid	848.3	64QAM	20.66
1.4MHz	50%,high	848.3	64QAM	22.50
1.4MHz	100% RB	848.3	64QAM	19.47
1.4MHz	1 RB low	824.7	QPSK	23.39
1.4MHz	50% RB mid	824.7	QPSK	23.45
1.4MHz	1 RB high	824.7	QPSK	23.42
1.4MHz	100% RB	824.7	QPSK	22.41
1.4MHz	1 RB low	824.7	16QAM	22.43
1.4MHz	50% RB mid	824.7	16QAM	22.60
1.4MHz	1 RB high	824.7	16QAM	22.54
1.4MHz	100% RB	824.7	16QAM	21.53
1.4MHz	1 RB low	836.5	QPSK	23.23
1.4MHz	50% RB mid	836.5	QPSK	23.22
1.4MHz	1 RB high	836.5	QPSK	23.29
1.4MHz	100% RB	836.5	QPSK	22.20
1.4MHz	1 RB low	836.5	16QAM	22.30
1.4MHz	50% RB mid	836.5	16QAM	22.39
1.4MHz	1 RB high	836.5	16QAM	22.34
1.4MHz	100% RB	836.5	16QAM	21.24
1.4MHz	1 RB low	848.3	QPSK	23.21
1.4MHz	50% RB mid	848.3	QPSK	23.24
1.4MHz	1 RB high	848.3	QPSK	23.23
1.4MHz	100% RB	848.3	QPSK	22.23
1.4MHz	1 RB low	848.3	16QAM	22.35
1.4MHz	50% RB mid	848.3	16QAM	22.40
1.4MHz	1 RB high	848.3	16QAM	22.35
1.4MHz	100% RB	848.3	16QAM	21.22
3MHz	1 RB low	825.5	64QAM	20.72
3MHz	1 RB mid	825.5	64QAM	20.83
3MHz	1 RB high	825.5	64QAM	20.69
3MHz	50%,low	825.5	64QAM	22.78
3MHz	50% RB mid	825.5	64QAM	19.62

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Avg Power (dBm)
3MHz	50%,high	825.5	64QAM	22.78
3MHz	100% RB	825.5	64QAM	19.59
3MHz	1 RB low	836.5	64QAM	20.57
3MHz	1 RB mid	836.5	64QAM	20.57
3MHz	1 RB high	836.5	64QAM	20.62
3MHz	50%,low	836.5	64QAM	22.49
3MHz	50% RB mid	836.5	64QAM	19.74
3MHz	50%,high	836.5	64QAM	22.48
3MHz	100% RB	836.5	64QAM	19.48
3MHz	1 RB low	847.5	64QAM	20.62
3MHz	1 RB mid	847.5	64QAM	20.68
3MHz	1 RB high	847.5	64QAM	20.71
3MHz	50%,low	847.5	64QAM	22.51
3MHz	50% RB mid	847.5	64QAM	19.63
3MHz	50%,high	847.5	64QAM	22.51
3MHz	100% RB	847.5	64QAM	19.55
3MHz	1 RB low	825.5	QPSK	23.38
3MHz	50% RB mid	825.5	QPSK	22.47
3MHz	1 RB high	825.5	QPSK	23.33
3MHz	100% RB	825.5	QPSK	22.46
3MHz	1 RB low	825.5	16QAM	22.56
3MHz	50% RB mid	825.5	16QAM	21.60
3MHz	1 RB high	825.5	16QAM	22.52
3MHz	100% RB	825.5	16QAM	21.53
3MHz	1 RB low	836.5	QPSK	23.22
3MHz	50% RB mid	836.5	QPSK	22.30
3MHz	1 RB high	836.5	QPSK	23.31
3MHz	100% RB	836.5	QPSK	22.25
3MHz	1 RB low	836.5	16QAM	22.33
3MHz	50% RB mid	836.5	16QAM	21.37
3MHz	1 RB high	836.5	16QAM	22.36
3MHz	100% RB	836.5	16QAM	21.27
3MHz	1 RB low	847.5	QPSK	23.20
3MHz	50% RB mid	847.5	QPSK	22.27
3MHz	1 RB high	847.5	QPSK	23.19
3MHz	100% RB	847.5	QPSK	22.24
3MHz	1 RB low	847.5	16QAM	22.46
3MHz	50% RB mid	847.5	16QAM	21.35
3MHz	1 RB high	847.5	16QAM	22.30
3MHz	100% RB	847.5	16QAM	21.30
5MHz	1 RB low	826.5	64QAM	20.66
5MHz	1 RB mid	826.5	64QAM	20.67
5MHz	1 RB high	826.5	64QAM	20.68
5MHz	50%,low	826.5	64QAM	19.51
5MHz	50% RB mid	826.5	64QAM	19.56
5MHz	50%,high	826.5	64QAM	19.57
5MHz	100% RB	826.5	64QAM	19.58
5MHz	1 RB low	836.5	64QAM	20.76
5MHz	1 RB mid	836.5	64QAM	20.85
5MHz	1 RB high	836.5	64QAM	20.79

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Avg Power (dBm)
5MHz	50%,low	836.5	64QAM	19.54
5MHz	50% RB mid	836.5	64QAM	19.39
5MHz	50%,high	836.5	64QAM	19.53
5MHz	100% RB	836.5	64QAM	19.49
5MHz	1 RB low	846.5	64QAM	20.86
5MHz	1 RB mid	846.5	64QAM	20.86
5MHz	1 RB high	846.5	64QAM	20.73
5MHz	50%,low	846.5	64QAM	19.55
5MHz	50% RB mid	846.5	64QAM	19.48
5MHz	50%,high	846.5	64QAM	19.55
5MHz	100% RB	846.5	64QAM	19.46
5MHz	1 RB low	826.5	QPSK	23.50
5MHz	50% RB mid	826.5	QPSK	22.49
5MHz	1 RB high	826.5	QPSK	23.41
5MHz	100% RB	826.5	QPSK	22.42
5MHz	1 RB low	826.5	16QAM	22.56
5MHz	50% RB mid	826.5	16QAM	21.48
5MHz	1 RB high	826.5	16QAM	22.44
5MHz	100% RB	826.5	16QAM	21.46
5MHz	1 RB low	836.5	QPSK	23.32
5MHz	50% RB mid	836.5	QPSK	22.27
5MHz	1 RB high	836.5	QPSK	23.33
5MHz	100% RB	836.5	QPSK	22.27
5MHz	1 RB low	836.5	16QAM	22.47
5MHz	50% RB mid	836.5	16QAM	21.32
5MHz	1 RB high	836.5	16QAM	22.41
5MHz	100% RB	836.5	16QAM	21.31
5MHz	1 RB low	846.5	QPSK	23.26
5MHz	50% RB mid	846.5	QPSK	22.21
5MHz	1 RB high	846.5	QPSK	23.28
5MHz	100% RB	846.5	QPSK	22.18
5MHz	1 RB low	846.5	16QAM	22.45
5MHz	50% RB mid	846.5	16QAM	21.20
5MHz	1 RB high	846.5	16QAM	22.47
5MHz	100% RB	846.5	16QAM	21.20
10MHz	1 RB low	829	64QAM	20.89
10MHz	1 RB mid	829	64QAM	20.90
10MHz	1 RB high	829	64QAM	20.62
10MHz	50%,low	829	64QAM	19.54
10MHz	50% RB mid	829	64QAM	19.62
10MHz	50%,high	829	64QAM	19.50
10MHz	100% RB	829	64QAM	19.57
10MHz	1 RB low	836.5	64QAM	20.69
10MHz	1 RB mid	836.5	64QAM	20.67
10MHz	1 RB high	836.5	64QAM	20.70
10MHz	50%,low	836.5	64QAM	19.51
10MHz	50% RB mid	836.5	64QAM	19.52
10MHz	50%,high	836.5	64QAM	19.64
10MHz	100% RB	836.5	64QAM	19.51
10MHz	1 RB low	844	64QAM	20.73

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Avg Power (dBm)
10MHz	1 RB mid	844	64QAM	20.71
10MHz	1 RB high	844	64QAM	20.56
10MHz	50%,low	844	64QAM	19.57
10MHz	50% RB mid	844	64QAM	19.52
10MHz	50%,high	844	64QAM	19.50
10MHz	100% RB	844	64QAM	19.51
10MHz	1 RB low	829	QPSK	23.40
10MHz	50% RB mid	829	QPSK	22.52
10MHz	1 RB high	829	QPSK	23.31
10MHz	100% RB	829	QPSK	22.49
10MHz	1 RB low	829	16QAM	22.62
10MHz	50% RB mid	829	16QAM	21.58
10MHz	1 RB high	829	16QAM	22.47
10MHz	100% RB	829	16QAM	21.48
10MHz	1 RB low	836.5	QPSK	23.42
10MHz	50% RB mid	836.5	QPSK	22.29
10MHz	1 RB high	836.5	QPSK	23.31
10MHz	100% RB	836.5	QPSK	22.28
10MHz	1 RB low	836.5	16QAM	22.47
10MHz	50% RB mid	836.5	16QAM	21.30
10MHz	1 RB high	836.5	16QAM	22.41
10MHz	100% RB	836.5	16QAM	21.28
10MHz	1 RB low	844	QPSK	23.32
10MHz	50% RB mid	844	QPSK	22.25
10MHz	1 RB high	844	QPSK	23.18
10MHz	100% RB	844	QPSK	22.21
10MHz	1 RB low	844	16QAM	22.57
10MHz	50% RB mid	844	16QAM	21.28
10MHz	1 RB high	844	16QAM	22.48
10MHz	100% RB	844	16QAM	21.24
15MHz	1 RB low	831.5	64QAM	20.70
15MHz	1 RB mid	831.5	64QAM	20.59
15MHz	1 RB high	831.5	64QAM	20.58
15MHz	50%,low	831.5	64QAM	19.43
15MHz	50% RB mid	831.5	64QAM	19.39
15MHz	50%,high	831.5	64QAM	19.42
15MHz	100% RB	831.5	64QAM	19.43
15MHz	1 RB low	836.5	64QAM	20.32
15MHz	1 RB mid	836.5	64QAM	20.43
15MHz	1 RB high	836.5	64QAM	20.38
15MHz	50%,low	836.5	64QAM	19.40
15MHz	50% RB mid	836.5	64QAM	19.40
15MHz	50%,high	836.5	64QAM	19.51
15MHz	100% RB	836.5	64QAM	19.43
15MHz	1 RB low	841.5	64QAM	20.67
15MHz	1 RB mid	841.5	64QAM	20.69
15MHz	1 RB high	841.5	64QAM	20.64
15MHz	50%,low	841.5	64QAM	19.41
15MHz	50% RB mid	841.5	64QAM	19.41
15MHz	50%,high	841.5	64QAM	19.41

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Avg Power (dBm)
15MHz	100% RB	841.5	64QAM	19.40
15MHz	1 RB low	831.5	QPSK	23.29
15MHz	50% RB mid	831.5	QPSK	22.21
15MHz	1 RB high	831.5	QPSK	23.15
15MHz	100% RB	831.5	QPSK	22.28
15MHz	1 RB low	831.5	16QAM	22.52
15MHz	50% RB mid	831.5	16QAM	21.24
15MHz	1 RB high	831.5	16QAM	22.45
15MHz	100% RB	831.5	16QAM	21.26
15MHz	1 RB low	836.5	QPSK	23.27
15MHz	50% RB mid	836.5	QPSK	22.15
15MHz	1 RB high	836.5	QPSK	23.04
15MHz	100% RB	836.5	QPSK	22.16
15MHz	1 RB low	836.5	16QAM	22.30
15MHz	50% RB mid	836.5	16QAM	21.15
15MHz	1 RB high	836.5	16QAM	22.20
15MHz	100% RB	836.5	16QAM	21.19
15MHz	1 RB low	841.5	QPSK	23.19
15MHz	50% RB mid	841.5	QPSK	22.23
15MHz	1 RB high	841.5	QPSK	23.10
15MHz	100% RB	841.5	QPSK	22.31
15MHz	1 RB low	841.5	16QAM	22.31
15MHz	50% RB mid	841.5	16QAM	21.34
15MHz	1 RB high	841.5	16QAM	22.22
15MHz	100% RB	841.5	16QAM	21.30

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Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Avg Power (dBm)
1.4MHz	1 RB low	814.7	64QAM	20.54
1.4MHz	1 RB mid	814.7	64QAM	20.66
1.4MHz	1 RB high	814.7	64QAM	20.44
1.4MHz	50%,low	814.7	64QAM	22.34
1.4MHz	50% RB mid	814.7	64QAM	20.54
1.4MHz	50%,high	814.7	64QAM	22.39
1.4MHz	100% RB	814.7	64QAM	19.52
1.4MHz	1 RB low	819	64QAM	20.49
1.4MHz	1 RB mid	819	64QAM	20.62
1.4MHz	1 RB high	819	64QAM	20.58
1.4MHz	50%,low	819	64QAM	22.52
1.4MHz	50% RB mid	819	64QAM	20.64
1.4MHz	50%,high	819	64QAM	22.53
1.4MHz	100% RB	819	64QAM	19.49
1.4MHz	1 RB low	823.3	64QAM	20.69
1.4MHz	1 RB mid	823.3	64QAM	20.78
1.4MHz	1 RB high	823.3	64QAM	20.73
1.4MHz	50%,low	823.3	64QAM	22.55
1.4MHz	50% RB mid	823.3	64QAM	20.72
1.4MHz	50%,high	823.3	64QAM	22.56
1.4MHz	100% RB	823.3	64QAM	19.58
1.4MHz	1 RB low	814.7	QPSK	23.33

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Avg Power (dBm)
1.4MHz	50% RB mid	814.7	QPSK	23.36
1.4MHz	1 RB high	814.7	QPSK	23.32
1.4MHz	100% RB	814.7	QPSK	22.30
1.4MHz	1 RB low	814.7	16QAM	22.34
1.4MHz	50% RB mid	814.7	16QAM	22.50
1.4MHz	1 RB high	814.7	16QAM	22.37
1.4MHz	100% RB	814.7	16QAM	21.33
1.4MHz	1 RB low	819	QPSK	23.29
1.4MHz	50% RB mid	819	QPSK	23.43
1.4MHz	1 RB high	819	QPSK	23.38
1.4MHz	100% RB	819	QPSK	22.40
1.4MHz	1 RB low	819	16QAM	22.44
1.4MHz	50% RB mid	819	16QAM	22.55
1.4MHz	1 RB high	819	16QAM	22.53
1.4MHz	100% RB	819	16QAM	21.53
1.4MHz	1 RB low	823.3	QPSK	23.38
1.4MHz	50% RB mid	823.3	QPSK	23.51
1.4MHz	1 RB high	823.3	QPSK	23.43
1.4MHz	100% RB	823.3	QPSK	22.45
1.4MHz	1 RB low	823.3	16QAM	22.53
1.4MHz	50% RB mid	823.3	16QAM	22.65
1.4MHz	1 RB high	823.3	16QAM	22.48
1.4MHz	100% RB	823.3	16QAM	21.48
3MHz	1 RB low	815.5	64QAM	20.43
3MHz	1 RB mid	815.5	64QAM	20.57
3MHz	1 RB high	815.5	64QAM	20.41
3MHz	50%,low	815.5	64QAM	22.43
3MHz	50% RB mid	815.5	64QAM	19.50
3MHz	50%,high	815.5	64QAM	22.33
3MHz	100% RB	815.5	64QAM	19.48
3MHz	1 RB low	819	64QAM	20.68
3MHz	1 RB mid	819	64QAM	20.73
3MHz	1 RB high	819	64QAM	20.76
3MHz	50%,low	819	64QAM	22.91
3MHz	50% RB mid	819	64QAM	19.59
3MHz	50%,high	819	64QAM	22.90
3MHz	100% RB	819	64QAM	19.52
3MHz	1 RB low	822.5	64QAM	20.64
3MHz	1 RB mid	822.5	64QAM	20.76
3MHz	1 RB high	822.5	64QAM	20.60
3MHz	50%,low	822.5	64QAM	22.83
3MHz	50% RB mid	822.5	64QAM	19.71
3MHz	50%,high	822.5	64QAM	22.84
3MHz	100% RB	822.5	64QAM	19.59
3MHz	1 RB low	815.5	QPSK	23.30
3MHz	50% RB mid	815.5	QPSK	22.39
3MHz	1 RB high	815.5	QPSK	23.32
3MHz	100% RB	815.5	QPSK	22.35
3MHz	1 RB low	815.5	16QAM	22.34
3MHz	50% RB mid	815.5	16QAM	21.51

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Avg Power (dBm)
3MHz	1 RB high	815.5	16QAM	22.32
3MHz	100% RB	815.5	16QAM	21.38
3MHz	1 RB low	819	QPSK	23.31
3MHz	50% RB mid	819	QPSK	22.47
3MHz	1 RB high	819	QPSK	23.34
3MHz	100% RB	819	QPSK	22.43
3MHz	1 RB low	819	16QAM	22.37
3MHz	50% RB mid	819	16QAM	21.47
3MHz	1 RB high	819	16QAM	22.62
3MHz	100% RB	819	16QAM	21.46
3MHz	1 RB low	822.5	QPSK	23.36
3MHz	50% RB mid	822.5	QPSK	22.52
3MHz	1 RB high	822.5	QPSK	23.41
3MHz	100% RB	822.5	QPSK	22.52
3MHz	1 RB low	822.5	16QAM	22.47
3MHz	50% RB mid	822.5	16QAM	21.66
3MHz	1 RB high	822.5	16QAM	22.51
3MHz	100% RB	822.5	16QAM	21.48
5MHz	1 RB low	816.5	64QAM	20.65
5MHz	1 RB mid	816.5	64QAM	20.72
5MHz	1 RB high	816.5	64QAM	20.67
5MHz	50%,low	816.5	64QAM	19.54
5MHz	50% RB mid	816.5	64QAM	19.57
5MHz	50%,high	816.5	64QAM	19.55
5MHz	100% RB	816.5	64QAM	19.49
5MHz	1 RB low	819	64QAM	20.64
5MHz	1 RB mid	819	64QAM	20.65
5MHz	1 RB high	819	64QAM	20.62
5MHz	50%,low	819	64QAM	19.43
5MHz	50% RB mid	819	64QAM	19.50
5MHz	50%,high	819	64QAM	19.53
5MHz	100% RB	819	64QAM	19.51
5MHz	1 RB low	821.5	64QAM	20.67
5MHz	1 RB mid	821.5	64QAM	20.72
5MHz	1 RB high	821.5	64QAM	20.69
5MHz	50%,low	821.5	64QAM	19.46
5MHz	50% RB mid	821.5	64QAM	19.61
5MHz	50%,high	821.5	64QAM	19.57
5MHz	100% RB	821.5	64QAM	19.55
5MHz	1 RB low	816.5	QPSK	23.31
5MHz	50% RB mid	816.5	QPSK	22.41
5MHz	1 RB high	816.5	QPSK	23.43
5MHz	100% RB	816.5	QPSK	22.35
5MHz	1 RB low	816.5	16QAM	22.41
5MHz	50% RB mid	816.5	16QAM	21.41
5MHz	1 RB high	816.5	16QAM	22.53
5MHz	100% RB	816.5	16QAM	21.35
5MHz	1 RB low	819	QPSK	23.39
5MHz	50% RB mid	819	QPSK	22.45
5MHz	1 RB high	819	QPSK	23.44

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Avg Power (dBm)
5MHz	100% RB	819	QPSK	22.39
5MHz	1 RB low	819	16QAM	22.63
5MHz	50% RB mid	819	16QAM	21.46
5MHz	1 RB high	819	16QAM	22.61
5MHz	100% RB	819	16QAM	21.38
5MHz	1 RB low	821.5	QPSK	23.49
5MHz	50% RB mid	821.5	QPSK	22.48
5MHz	1 RB high	821.5	QPSK	23.43
5MHz	100% RB	821.5	QPSK	22.49
5MHz	1 RB low	821.5	16QAM	22.49
5MHz	50% RB mid	821.5	16QAM	21.51
5MHz	1 RB high	821.5	16QAM	22.73
5MHz	100% RB	821.5	16QAM	21.51
10MHz	1 RB low	819	64QAM	20.49
10MHz	1 RB mid	819	64QAM	20.55
10MHz	1 RB high	819	64QAM	20.59
10MHz	50%,low	819	64QAM	19.46
10MHz	50% RB mid	819	64QAM	19.57
10MHz	50%,high	819	64QAM	19.54
10MHz	100% RB	819	64QAM	19.53
10MHz	1 RB low	819	64QAM	20.54
10MHz	1 RB mid	819	64QAM	20.55
10MHz	1 RB high	819	64QAM	20.66
10MHz	50%,low	819	64QAM	19.44
10MHz	50% RB mid	819	64QAM	19.56
10MHz	50%,high	819	64QAM	19.55
10MHz	100% RB	819	64QAM	19.57
10MHz	1 RB low	819	64QAM	20.47
10MHz	1 RB mid	819	64QAM	20.71
10MHz	1 RB high	819	64QAM	20.69
10MHz	50%,low	819	64QAM	19.51
10MHz	50% RB mid	819	64QAM	19.61
10MHz	50%,high	819	64QAM	19.53
10MHz	100% RB	819	64QAM	19.54
10MHz	1 RB low	819	QPSK	23.37
10MHz	50% RB mid	819	QPSK	22.48
10MHz	1 RB high	819	QPSK	23.48
10MHz	100% RB	819	QPSK	22.45
10MHz	1 RB low	819	16QAM	22.39
10MHz	50% RB mid	819	16QAM	21.52
10MHz	1 RB high	819	16QAM	22.63
10MHz	100% RB	819	16QAM	21.49
10MHz	1 RB low	819	QPSK	23.36
10MHz	1 RB high	819	QPSK	23.53
10MHz	50% RB mid	819	QPSK	22.47
10MHz	100% RB	819	QPSK	22.46
10MHz	1 RB low	819	16QAM	22.47
10MHz	1 RB high	819	16QAM	22.62
10MHz	50% RB mid	819	16QAM	21.45
10MHz	100% RB	819	16QAM	21.51

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Avg Power (dBm)
10MHz	1 RB low	819	QPSK	23.39
10MHz	1 RB high	819	QPSK	23.48
10MHz	50% RB mid	819	QPSK	22.50
10MHz	100% RB	819	QPSK	22.48
10MHz	1 RB low	819	16QAM	22.45
10MHz	1 RB high	819	16QAM	22.72
10MHz	50% RB mid	819	16QAM	21.53
10MHz	100% RB	819	16QAM	21.48

LTE BAND 30

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Avg Power (dBm)
5MHz	1 RB low	2307.5	QPSK	21.20
5MHz	1 RB high	2307.5	QPSK	21.22
5MHz	50% RB mid	2307.5	QPSK	20.19
5MHz	100% RB	2307.5	QPSK	20.15
5MHz	1 RB low	2307.5	16QAM	20.31
5MHz	1 RB high	2307.5	16QAM	20.21
5MHz	50% RB mid	2307.5	16QAM	19.16
5MHz	100% RB	2307.5	16QAM	19.19
5MHz	1 RB low	2307.5	64QAM	20.31
5MHz	1 RB high	2307.5	64QAM	20.31
5MHz	50% RB mid	2307.5	64QAM	19.30
5MHz	100% RB	2307.5	64QAM	19.20
5MHz	1 RB low	2310	QPSK	21.18
5MHz	1 RB high	2310	QPSK	21.15
5MHz	50% RB mid	2310	QPSK	20.15
5MHz	100% RB	2310	QPSK	20.03
5MHz	1 RB low	2310	16QAM	20.22
5MHz	1 RB high	2310	16QAM	20.29
5MHz	50% RB mid	2310	16QAM	19.11
5MHz	100% RB	2310	16QAM	19.03
5MHz	1 RB low	2310	64QAM	20.18
5MHz	1 RB high	2310	64QAM	20.30
5MHz	50% RB mid	2310	64QAM	19.18
5MHz	100% RB	2310	64QAM	19.01
5MHz	1 RB low	2312.5	QPSK	21.13
5MHz	1 RB high	2312.5	QPSK	21.08
5MHz	50% RB mid	2312.5	QPSK	20.10
5MHz	100% RB	2312.5	QPSK	20.09
5MHz	1 RB low	2312.5	16QAM	20.31
5MHz	1 RB high	2312.5	16QAM	20.40
5MHz	50% RB mid	2312.5	16QAM	19.24
5MHz	100% RB	2312.5	16QAM	19.11
5MHz	1 RB low	2312.5	64QAM	20.21
5MHz	1 RB high	2312.5	64QAM	20.27
5MHz	50% RB mid	2312.5	64QAM	19.18
5MHz	100% RB	2312.5	64QAM	19.13
10MHz	1 RB low	2310	QPSK	21.09
10MHz	1 RB high	2310	QPSK	21.11
10MHz	50% RB mid	2310	QPSK	20.09

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Avg Power (dBm)
10MHz	100% RB	2310	QPSK	20.04
10MHz	1 RB low	2310	16QAM	20.19
10MHz	1 RB high	2310	16QAM	20.15
10MHz	50% RB mid	2310	16QAM	19.00
10MHz	100% RB	2310	16QAM	19.05
10MHz	1 RB low	2310	64QAM	20.25
10MHz	1 RB high	2310	64QAM	20.15
10MHz	50% RB mid	2310	64QAM	18.95
10MHz	100% RB	2310	64QAM	18.98
10MHz	1 RB low	2310	QPSK	21.00
10MHz	1 RB high	2310	QPSK	20.98
10MHz	50% RB mid	2310	QPSK	19.96
10MHz	100% RB	2310	QPSK	19.96
10MHz	1 RB low	2310	16QAM	20.08
10MHz	1 RB high	2310	16QAM	20.20
10MHz	50% RB mid	2310	16QAM	18.98
10MHz	100% RB	2310	16QAM	18.97
10MHz	1 RB low	2310	64QAM	20.10
10MHz	1 RB high	2310	64QAM	20.10
10MHz	50% RB mid	2310	64QAM	19.01
10MHz	100% RB	2310	64QAM	18.96
10MHz	1 RB low	2310	QPSK	21.02
10MHz	1 RB high	2310	QPSK	20.98
10MHz	50% RB mid	2310	QPSK	20.00
10MHz	100% RB	2310	QPSK	19.91
10MHz	1 RB low	2310	16QAM	20.21
10MHz	1 RB high	2310	16QAM	20.16
10MHz	50% RB mid	2310	16QAM	18.97
10MHz	100% RB	2310	16QAM	18.95
10MHz	1 RB low	2310	64QAM	20.16
10MHz	1 RB high	2310	64QAM	20.15
10MHz	50% RB mid	2310	64QAM	19.11
10MHz	100% RB	2310	64QAM	18.96

LTE BAND 38

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Avg Power (dBm)
5MHz	1 RB low	2572.5	QPSK	22.36
5MHz	1 RB high	2572.5	QPSK	22.46
5MHz	50% RB mid	2572.5	QPSK	21.46
5MHz	100% RB	2572.5	QPSK	21.43
5MHz	1 RB low	2572.5	16QAM	21.60
5MHz	1 RB high	2572.5	16QAM	21.59
5MHz	50% RB mid	2572.5	16QAM	20.54
5MHz	100% RB	2572.5	16QAM	20.46
5MHz	1 RB low	2572.5	64QAM	20.33
5MHz	1 RB high	2572.5	64QAM	20.64
5MHz	50% RB mid	2572.5	64QAM	19.63
5MHz	100% RB	2572.5	64QAM	19.51
5MHz	1 RB low	2595	QPSK	22.90
5MHz	1 RB high	2595	QPSK	22.92

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Avg Power (dBm)
5MHz	50% RB mid	2595	QPSK	21.99
5MHz	100% RB	2595	QPSK	21.96
5MHz	1 RB low	2595	16QAM	22.04
5MHz	1 RB high	2595	16QAM	22.05
5MHz	50% RB mid	2595	16QAM	21.02
5MHz	100% RB	2595	16QAM	21.04
5MHz	1 RB low	2595	64QAM	20.97
5MHz	1 RB high	2595	64QAM	20.99
5MHz	50% RB mid	2595	64QAM	20.04
5MHz	100% RB	2595	64QAM	19.96
5MHz	1 RB low	2617.5	QPSK	22.92
5MHz	1 RB high	2617.5	QPSK	22.89
5MHz	50% RB mid	2617.5	QPSK	21.94
5MHz	100% RB	2617.5	QPSK	21.92
5MHz	1 RB low	2617.5	16QAM	22.11
5MHz	1 RB high	2617.5	16QAM	21.93
5MHz	50% RB mid	2617.5	16QAM	20.98
5MHz	100% RB	2617.5	16QAM	20.93
5MHz	1 RB low	2617.5	64QAM	21.07
5MHz	1 RB high	2617.5	64QAM	20.98
5MHz	50% RB mid	2617.5	64QAM	19.91
5MHz	100% RB	2617.5	64QAM	19.93
10MHz	1 RB low	2575	QPSK	22.37
10MHz	1 RB high	2575	QPSK	22.46
10MHz	50% RB mid	2575	QPSK	21.54
10MHz	100% RB	2575	QPSK	21.51
10MHz	1 RB low	2575	16QAM	21.51
10MHz	1 RB high	2575	16QAM	21.72
10MHz	50% RB mid	2575	16QAM	20.51
10MHz	100% RB	2575	16QAM	20.52
10MHz	1 RB low	2575	64QAM	20.61
10MHz	1 RB high	2575	64QAM	20.66
10MHz	50% RB mid	2575	64QAM	19.58
10MHz	100% RB	2575	64QAM	19.52
10MHz	1 RB low	2595	QPSK	22.84
10MHz	1 RB high	2595	QPSK	22.91
10MHz	50% RB mid	2595	QPSK	21.97
10MHz	100% RB	2595	QPSK	21.98
10MHz	1 RB low	2595	16QAM	22.06
10MHz	1 RB high	2595	16QAM	22.00
10MHz	50% RB mid	2595	16QAM	21.00
10MHz	100% RB	2595	16QAM	20.95
10MHz	1 RB low	2595	64QAM	20.97
10MHz	1 RB high	2595	64QAM	21.12
10MHz	50% RB mid	2595	64QAM	19.99
10MHz	100% RB	2595	64QAM	19.94
10MHz	1 RB low	2615	QPSK	22.92
10MHz	1 RB high	2615	QPSK	22.87
10MHz	50% RB mid	2615	QPSK	22.02
10MHz	100% RB	2615	QPSK	21.94

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Avg Power (dBm)
10MHz	1 RB low	2615	16QAM	22.11
10MHz	1 RB high	2615	16QAM	22.02
10MHz	50% RB mid	2615	16QAM	20.96
10MHz	100% RB	2615	16QAM	20.94
10MHz	1 RB low	2615	64QAM	21.23
10MHz	1 RB high	2615	64QAM	21.10
10MHz	50% RB mid	2615	64QAM	20.01
10MHz	100% RB	2615	64QAM	20.00
15MHz	1 RB low	2577.5	QPSK	22.27
15MHz	1 RB high	2577.5	QPSK	22.36
15MHz	50% RB mid	2577.5	QPSK	21.49
15MHz	100% RB	2577.5	QPSK	21.50
15MHz	1 RB low	2577.5	16QAM	21.53
15MHz	1 RB high	2577.5	16QAM	21.49
15MHz	50% RB mid	2577.5	16QAM	20.54
15MHz	100% RB	2577.5	16QAM	20.53
15MHz	1 RB low	2577.5	64QAM	20.59
15MHz	1 RB high	2577.5	64QAM	20.66
15MHz	50% RB mid	2577.5	64QAM	19.49
15MHz	100% RB	2577.5	64QAM	19.47
15MHz	1 RB low	2595	QPSK	22.64
15MHz	1 RB high	2595	QPSK	22.76
15MHz	50% RB mid	2595	QPSK	21.88
15MHz	100% RB	2595	QPSK	21.88
15MHz	1 RB low	2595	16QAM	21.76
15MHz	1 RB high	2595	16QAM	21.86
15MHz	50% RB mid	2595	16QAM	20.90
15MHz	100% RB	2595	16QAM	20.90
15MHz	1 RB low	2595	64QAM	20.62
15MHz	1 RB high	2595	64QAM	20.80
15MHz	50% RB mid	2595	64QAM	19.91
15MHz	100% RB	2595	64QAM	19.90
15MHz	1 RB low	2612.5	QPSK	22.81
15MHz	1 RB high	2612.5	QPSK	22.72
15MHz	50% RB mid	2612.5	QPSK	21.89
15MHz	100% RB	2612.5	QPSK	21.91
15MHz	1 RB low	2612.5	16QAM	21.99
15MHz	1 RB high	2612.5	16QAM	21.91
15MHz	50% RB mid	2612.5	16QAM	20.94
15MHz	100% RB	2612.5	16QAM	20.92
15MHz	1 RB low	2612.5	64QAM	20.99
15MHz	1 RB high	2612.5	64QAM	20.95
15MHz	50% RB mid	2612.5	64QAM	19.91
15MHz	100% RB	2612.5	64QAM	19.96
20MHz	1 RB low	2580	QPSK	22.41
20MHz	1 RB high	2580	QPSK	22.53
20MHz	50% RB mid	2580	QPSK	21.55
20MHz	100% RB	2580	QPSK	21.55
20MHz	1 RB low	2580	16QAM	21.41
20MHz	1 RB high	2580	16QAM	21.67

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Avg Power (dBm)
20MHz	50% RB mid	2580	16QAM	20.58
20MHz	100% RB	2580	16QAM	20.58
20MHz	1 RB low	2580	64QAM	20.50
20MHz	1 RB high	2580	64QAM	20.63
20MHz	50% RB mid	2580	64QAM	19.54
20MHz	100% RB	2580	64QAM	19.56
20MHz	1 RB low	2595	QPSK	22.68
20MHz	1 RB high	2595	QPSK	22.83
20MHz	50% RB mid	2595	QPSK	21.97
20MHz	100% RB	2595	QPSK	21.88
20MHz	1 RB low	2595	16QAM	21.67
20MHz	1 RB high	2595	16QAM	21.82
20MHz	50% RB mid	2595	16QAM	20.93
20MHz	100% RB	2595	16QAM	20.92
20MHz	1 RB low	2595	64QAM	20.71
20MHz	1 RB high	2595	64QAM	20.85
20MHz	50% RB mid	2595	64QAM	19.92
20MHz	100% RB	2595	64QAM	19.89
20MHz	1 RB low	2610	QPSK	22.78
20MHz	1 RB high	2610	QPSK	22.72
20MHz	50% RB mid	2610	QPSK	21.96
20MHz	100% RB	2610	QPSK	21.90
20MHz	1 RB low	2610	16QAM	21.94
20MHz	1 RB high	2610	16QAM	21.94
20MHz	50% RB mid	2610	16QAM	20.94
20MHz	100% RB	2610	16QAM	20.93
20MHz	1 RB low	2610	64QAM	20.99
20MHz	1 RB high	2610	64QAM	20.86
20MHz	50% RB mid	2610	64QAM	19.99
20MHz	100% RB	2610	64QAM	19.93

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Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Avg Power (dBm)
5MHz	1 RB low	2498.5	QPSK	22.08
5MHz	1 RB high	2498.5	QPSK	22.04
5MHz	50% RB mid	2498.5	QPSK	21.16
5MHz	100% RB	2498.5	QPSK	21.12
5MHz	1 RB low	2498.5	16QAM	21.27
5MHz	1 RB high	2498.5	16QAM	21.20
5MHz	50% RB mid	2498.5	16QAM	20.20
5MHz	100% RB	2498.5	16QAM	20.14
5MHz	1 RB low	2498.5	64QAM	20.22
5MHz	1 RB high	2498.5	64QAM	20.28
5MHz	50% RB mid	2498.5	64QAM	19.22
5MHz	100% RB	2498.5	64QAM	19.08
5MHz	1 RB low	2593	QPSK	22.61
5MHz	1 RB high	2593	QPSK	22.69
5MHz	50% RB mid	2593	QPSK	21.64

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Avg Power (dBm)
5MHz	100% RB	2593	QPSK	21.67
5MHz	1 RB low	2593	16QAM	21.78
5MHz	1 RB high	2593	16QAM	21.82
5MHz	50% RB mid	2593	16QAM	20.76
5MHz	100% RB	2593	16QAM	20.66
5MHz	1 RB low	2593	64QAM	20.91
5MHz	1 RB high	2593	64QAM	20.70
5MHz	50% RB mid	2593	64QAM	19.62
5MHz	100% RB	2593	64QAM	19.63
5MHz	1 RB low	2687.5	QPSK	23.23
5MHz	1 RB high	2687.5	QPSK	23.19
5MHz	50% RB mid	2687.5	QPSK	22.24
5MHz	100% RB	2687.5	QPSK	22.24
5MHz	1 RB low	2687.5	16QAM	22.41
5MHz	1 RB high	2687.5	16QAM	22.38
5MHz	50% RB mid	2687.5	16QAM	21.32
5MHz	100% RB	2687.5	16QAM	21.23
5MHz	1 RB low	2687.5	64QAM	21.28
5MHz	1 RB high	2687.5	64QAM	21.35
5MHz	50% RB mid	2687.5	64QAM	20.27
5MHz	100% RB	2687.5	64QAM	20.23
10MHz	1 RB low	2501	QPSK	22.05
10MHz	1 RB high	2501	QPSK	21.95
10MHz	50% RB mid	2501	QPSK	21.12
10MHz	100% RB	2501	QPSK	21.14
10MHz	1 RB low	2501	16QAM	21.23
10MHz	1 RB high	2501	16QAM	21.05
10MHz	50% RB mid	2501	16QAM	20.19
10MHz	100% RB	2501	16QAM	20.09
10MHz	1 RB low	2501	64QAM	20.25
10MHz	1 RB high	2501	64QAM	20.11
10MHz	50% RB mid	2501	64QAM	19.13
10MHz	100% RB	2501	64QAM	19.07
10MHz	1 RB low	2593	QPSK	22.54
10MHz	1 RB high	2593	QPSK	22.69
10MHz	50% RB mid	2593	QPSK	21.65
10MHz	100% RB	2593	QPSK	21.60
10MHz	1 RB low	2593	16QAM	21.63
10MHz	1 RB high	2593	16QAM	21.75
10MHz	50% RB mid	2593	16QAM	20.67
10MHz	100% RB	2593	16QAM	20.63
10MHz	1 RB low	2593	64QAM	20.63
10MHz	1 RB high	2593	64QAM	20.88
10MHz	50% RB mid	2593	64QAM	19.67
10MHz	100% RB	2593	64QAM	19.63
10MHz	1 RB low	2685	QPSK	23.19
10MHz	1 RB high	2685	QPSK	23.20
10MHz	50% RB mid	2685	QPSK	22.22
10MHz	100% RB	2685	QPSK	22.18
10MHz	1 RB low	2685	16QAM	22.38

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Avg Power (dBm)
10MHz	1 RB high	2685	16QAM	22.30
10MHz	50% RB mid	2685	16QAM	21.18
10MHz	100% RB	2685	16QAM	21.18
10MHz	1 RB low	2685	64QAM	21.20
10MHz	1 RB high	2685	64QAM	21.50
10MHz	50% RB mid	2685	64QAM	20.22
10MHz	100% RB	2685	64QAM	20.19
15MHz	1 RB low	2503.5	QPSK	21.85
15MHz	1 RB high	2503.5	QPSK	21.75
15MHz	50% RB mid	2503.5	QPSK	20.91
15MHz	100% RB	2503.5	QPSK	20.92
15MHz	1 RB low	2503.5	16QAM	21.05
15MHz	1 RB high	2503.5	16QAM	20.92
15MHz	50% RB mid	2503.5	16QAM	19.93
15MHz	100% RB	2503.5	16QAM	19.96
15MHz	1 RB low	2503.5	64QAM	20.18
15MHz	1 RB high	2503.5	64QAM	20.07
15MHz	50% RB mid	2503.5	64QAM	18.96
15MHz	100% RB	2503.5	64QAM	18.97
15MHz	1 RB low	2593	QPSK	22.37
15MHz	1 RB high	2593	QPSK	22.57
15MHz	50% RB mid	2593	QPSK	21.52
15MHz	100% RB	2593	QPSK	21.52
15MHz	1 RB low	2593	16QAM	21.54
15MHz	1 RB high	2593	16QAM	21.69
15MHz	50% RB mid	2593	16QAM	20.51
15MHz	100% RB	2593	16QAM	20.51
15MHz	1 RB low	2593	64QAM	20.45
15MHz	1 RB high	2593	64QAM	20.75
15MHz	50% RB mid	2593	64QAM	19.53
15MHz	100% RB	2593	64QAM	19.52
15MHz	1 RB low	2682.5	QPSK	23.04
15MHz	1 RB high	2682.5	QPSK	23.09
15MHz	50% RB mid	2682.5	QPSK	22.12
15MHz	100% RB	2682.5	QPSK	22.10
15MHz	1 RB low	2682.5	16QAM	22.06
15MHz	1 RB high	2682.5	16QAM	22.16
15MHz	50% RB mid	2682.5	16QAM	21.12
15MHz	100% RB	2682.5	16QAM	21.11
15MHz	1 RB low	2682.5	64QAM	21.24
15MHz	1 RB high	2682.5	64QAM	21.24
15MHz	50% RB mid	2682.5	64QAM	20.10
15MHz	100% RB	2682.5	64QAM	20.12
20MHz	1 RB low	2506	QPSK	21.92
20MHz	1 RB high	2506	QPSK	21.77
20MHz	50% RB mid	2506	QPSK	20.89
20MHz	100% RB	2506	QPSK	20.97
20MHz	1 RB low	2506	16QAM	21.02
20MHz	1 RB high	2506	16QAM	20.99
20MHz	50% RB mid	2506	16QAM	19.94

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Avg Power (dBm)
20MHz	100% RB	2506	16QAM	19.94
20MHz	1 RB low	2506	64QAM	20.17
20MHz	1 RB high	2506	64QAM	19.96
20MHz	50% RB mid	2506	64QAM	18.94
20MHz	100% RB	2506	64QAM	18.93
20MHz	1 RB low	2593	QPSK	22.35
20MHz	1 RB high	2593	QPSK	22.73
20MHz	50% RB mid	2593	QPSK	21.51
20MHz	100% RB	2593	QPSK	21.52
20MHz	1 RB low	2593	16QAM	21.40
20MHz	1 RB high	2593	16QAM	21.70
20MHz	50% RB mid	2593	16QAM	20.53
20MHz	100% RB	2593	16QAM	20.47
20MHz	1 RB low	2593	64QAM	20.59
20MHz	1 RB high	2593	64QAM	20.79
20MHz	50% RB mid	2593	64QAM	19.51
20MHz	100% RB	2593	64QAM	19.53
20MHz	1 RB low	2680	QPSK	23.08
20MHz	1 RB high	2680	QPSK	23.13
20MHz	50% RB mid	2680	QPSK	22.07
20MHz	100% RB	2680	QPSK	22.07
20MHz	1 RB low	2680	16QAM	22.31
20MHz	1 RB high	2680	16QAM	22.39
20MHz	50% RB mid	2680	16QAM	21.08
20MHz	100% RB	2680	16QAM	21.07
20MHz	1 RB low	2680	64QAM	21.33
20MHz	1 RB high	2680	64QAM	21.26
20MHz	50% RB mid	2680	64QAM	20.05
20MHz	100% RB	2680	64QAM	20.06

LTE BAND 42(part 27)

Bandwidth	RB size/offset	Frequency (MHz)	Modulation	Avg Power (dBm)
5MHz	1 RB low	3452.5	QPSK	18.67
5MHz	1 RB high	3452.5	QPSK	18.80
5MHz	50% RB mid	3452.5	QPSK	17.75
5MHz	100% RB	3452.5	QPSK	17.72
5MHz	1 RB low	3452.5	16QAM	17.78
5MHz	1 RB high	3452.5	16QAM	17.87
5MHz	50% RB mid	3452.5	16QAM	16.78
5MHz	100% RB	3452.5	16QAM	16.72
5MHz	1 RB low	3452.5	64QAM	16.78
5MHz	1 RB high	3452.5	64QAM	16.96
5MHz	50% RB mid	3452.5	64QAM	15.68
5MHz	100% RB	3452.5	64QAM	15.73
5MHz	1 RB low	3500	QPSK	20.40
5MHz	1 RB high	3500	QPSK	20.21
5MHz	50% RB mid	3500	QPSK	19.36
5MHz	100% RB	3500	QPSK	19.27
5MHz	1 RB low	3500	16QAM	19.51
5MHz	1 RB high	3500	16QAM	19.37

5MHz	50% RB mid	3500	16QAM	18.37
5MHz	100% RB	3500	16QAM	18.32
5MHz	1 RB low	3500	64QAM	18.48
5MHz	1 RB high	3500	64QAM	18.12
5MHz	50% RB mid	3500	64QAM	17.29
5MHz	100% RB	3500	64QAM	17.34
5MHz	1 RB low	3547.5	QPSK	21.05
5MHz	1 RB high	3547.5	QPSK	21.10
5MHz	50% RB mid	3547.5	QPSK	20.12
5MHz	100% RB	3547.5	QPSK	20.09
5MHz	1 RB low	3547.5	16QAM	20.16
5MHz	1 RB high	3547.5	16QAM	20.33
5MHz	50% RB mid	3547.5	16QAM	19.20
5MHz	100% RB	3547.5	16QAM	19.11
5MHz	1 RB low	3547.5	64QAM	19.24
5MHz	1 RB high	3547.5	64QAM	19.42
5MHz	50% RB mid	3547.5	64QAM	18.14
5MHz	100% RB	3547.5	64QAM	18.12
10MHz	1 RB low	3455	QPSK	18.67
10MHz	1 RB high	3455	QPSK	18.97
10MHz	50% RB mid	3455	QPSK	17.79
10MHz	100% RB	3455	QPSK	17.77
10MHz	1 RB low	3455	16QAM	17.77
10MHz	1 RB high	3455	16QAM	18.13
10MHz	50% RB mid	3455	16QAM	16.80
10MHz	100% RB	3455	16QAM	16.79
10MHz	1 RB low	3455	64QAM	16.80
10MHz	1 RB high	3455	64QAM	17.04
10MHz	50% RB mid	3455	64QAM	15.81
10MHz	100% RB	3455	64QAM	15.80
10MHz	1 RB low	3500	QPSK	20.46
10MHz	1 RB high	3500	QPSK	20.09
10MHz	50% RB mid	3500	QPSK	19.37
10MHz	100% RB	3500	QPSK	19.31
10MHz	1 RB low	3500	16QAM	19.50
10MHz	1 RB high	3500	16QAM	19.19
10MHz	50% RB mid	3500	16QAM	18.32
10MHz	100% RB	3500	16QAM	18.30
10MHz	1 RB low	3500	64QAM	18.49
10MHz	1 RB high	3500	64QAM	18.40
10MHz	50% RB mid	3500	64QAM	17.34
10MHz	100% RB	3500	64QAM	17.36
10MHz	1 RB low	3545	QPSK	20.74
10MHz	1 RB high	3545	QPSK	21.00
10MHz	50% RB mid	3545	QPSK	20.01
10MHz	100% RB	3545	QPSK	19.97
10MHz	1 RB low	3545	16QAM	19.88
10MHz	1 RB high	3545	16QAM	20.21
10MHz	50% RB mid	3545	16QAM	19.01
10MHz	100% RB	3545	16QAM	18.98
10MHz	1 RB low	3545	64QAM	19.08