

Appendix F LTE Downlink Carrier Aggregation

| E-UTRA CA Configuration | UL | | | | | DL | | | | | | | | | | | | | | | | Power | | |
|-------------------------|-------|----------|--------|-------------|------------|----------|-------|-------------|----------|-------|-------------|----------|-------|-------------|----------|-------|-------------|----------|-------|------------------------------|-----------------------------------|-------------|-------|-------|
| | Mode | PCC | | | | PCC | | SCC1 | | | SCC2 | | | SCC3 | | | SCC4 | | | LTE Tx.Power with DLCA (dBm) | LTE Single Carrier Tx Power (dBm) | | | |
| | | BW (MHz) | Ch | Freq. (MHz) | RB /Offset | BW (MHz) | Ch | Freq. (MHz) | BW (MHz) | Ch | Freq. (MHz) | BW (MHz) | Ch | Freq. (MHz) | BW (MHz) | Ch | Freq. (MHz) | BW (MHz) | Ch | | | Freq. (MHz) | | |
| 2C | LTE2 | 20 | 18700 | 1860 | 1/0 | | | | | | | | | | | | | | | | | | 24.08 | 24.12 |
| 13A-66A | LTE13 | 10 | 23230 | 782 | 1/25 | 10 | 5230 | 751 | 20 | 900 | 1960 | | | | | | | | | | | | 24.03 | 24.05 |
| 66B | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 5 | 66885 | 2154.9 | | | | | | | | | | | | 23.15 | 23.17 |
| 66C | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 66984 | 2125.9 | | | | | | | | | | | | 23.11 | 23.17 |
| 2A-2A-4A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 2050 | 2120 | | | | | | | | | 24.05 | 24.12 |
| 4A-2A-2A | LTE4 | 20 | 20175 | 1732.5 | 1/0 | 20 | 2175 | 2132.5 | 20 | 700 | 1940 | 20 | 1100 | 1980 | | | | | | | | | 23.21 | 23.55 |
| 2A-12B | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 5 | 5095 | 737.5 | 5 | 5047 | 732.7 | | | | | | | | | 24.01 | 24.12 |
| 12B-2A | LTE12 | 5 | 23095 | 707.5 | 1/25 | 5 | 5071 | 735.1 | 5 | 5119 | 739.9 | 20 | 700 | 1940 | | | | | | | | | 24.40 | 24.49 |
| 2A-4A-5A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 2175 | 2132.5 | 10 | 2525 | 881.5 | | | | | | | | | 24.07 | 24.12 |
| 4A-2A-5A | LTE4 | 20 | 20175 | 1732.5 | 1/0 | 20 | 2175 | 2132.5 | 20 | 700 | 1940 | 10 | 2525 | 881.5 | | | | | | | | | 23.19 | 23.55 |
| 5A-2A-4A | LTE5 | 10 | 20450 | 829 | 1/25 | 10 | 2450 | 874 | 20 | 700 | 1940 | 20 | 2175 | 2132.5 | | | | | | | | | 24.44 | 24.57 |
| 2A-4A-12A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 2175 | 2132.5 | 10 | 5095 | 737.5 | | | | | | | | | 24.03 | 24.12 |
| 4A-2A-12A | LTE4 | 20 | 20175 | 1732.5 | 1/0 | 20 | 2175 | 2132.5 | 10 | 5095 | 737.5 | 20 | 700 | 1940 | | | | | | | | | 23.12 | 23.55 |
| 12A-2A-4A | LTE12 | 10 | 23060 | 704 | 1/25 | 10 | 5060 | 734 | 20 | 700 | 1940 | 20 | 2175 | 2132.5 | | | | | | | | | 24.31 | 24.49 |
| 2A-4A-13A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 2175 | 2132.5 | 10 | 5230 | 751 | | | | | | | | | 24.12 | 24.12 |
| 4A-2A-13A | LTE4 | 20 | 20175 | 1732.5 | 1/0 | 20 | 2175 | 2132.5 | 20 | 700 | 1940 | 10 | 5230 | 751 | | | | | | | | | 23.23 | 23.55 |
| 13A-2A-4A | LTE13 | 10 | 23230 | 782 | 1/25 | 10 | 5230 | 751 | 20 | 700 | 1940 | 20 | 2175 | 2132.5 | | | | | | | | | 24.02 | 24.05 |
| 2A-2A-5A-66A-66A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 2525 | 881.5 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | | | 24.01 | 24.12 |
| 5A-2A-2A-66A-66A | LTE5 | 10 | 20450 | 829 | 1/25 | 10 | 2450 | 874 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | | | 24.47 | 24.57 |
| 66A-66A-2A-2A-5A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 2525 | 881.5 | | | 23.05 | 23.17 |
| 2A-2A-12A-66A-66A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5095 | 737.5 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | | | 24.08 | 24.12 |
| 12A-2A-2A-66A-66A | LTE12 | 10 | 23060 | 704 | 25/0 | 10 | 5060 | 734 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | | | 24.48 | 24.49 |
| 66A-66A-2A-2A-12A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5095 | 737.5 | | | 23.16 | 23.17 |
| 2A-2A-14A-66A-66A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5330 | 763 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | | | 24.11 | 24.12 |
| 14A-2A-2A-66A-66A | LTE14 | 10 | 23330 | 793 | 25/0 | 10 | 5330 | 763 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | | | 24.03 | 24.04 |
| 66A-66A-2A-2A-14A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5330 | 763 | | | 23.02 | 23.17 |
| 2A-5B-66A-66A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 10 | 2525 | 881.5 | 5 | 2453 | 874.3 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | | | 24.10 | 24.12 |
| 5B-2A-66A-66A | LTE5 | 5 | 20425 | 826.5 | 1/25 | 5 | 2425 | 871.5 | 10 | 2497 | 878.7 | 20 | 700 | 1940 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | | | 24.23 | 24.57 |
| 66A-66A-2A-5B | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 10 | 2525 | 881.5 | 5 | 2453 | 874.3 | | | 23.12 | 23.17 |
| 2A-14A-66A-66A-66A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 10 | 5330 | 763 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 67236 | 2190 | | | 24.12 | 24.12 |
| 14A-2A-66A-66A-66A | LTE14 | 10 | 23330 | 793 | 25/0 | 10 | 5330 | 763 | 20 | 700 | 1940 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 67236 | 2190 | | | 24.01 | 24.04 |
| 66A-66A-66A-2A-14A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 67236 | 2190 | 20 | 700 | 1940 | 10 | 5330 | 763 | | | 23.11 | 23.17 |

| E-UTRA CA Configuration | UL | | | | | | DL | | | | | | | | | | | | | | Power | | | | |
|-------------------------|-------|----------|--------|-------------|------------|----|----------|--------|-------------|----------|--------|-------------|----------|--------|-------------|----------|----|-------------|----------|----|-------------|------------------------------|-----------------------------------|-------|-------|
| | PCC | | | | | | PCC | | | SCC1 | | | SCC2 | | | SCC3 | | | SCC4 | | | LTE Tx Power with DLCA (dBm) | LTE Single Carrier Tx Power (dBm) | | |
| | Mode | BW (MHz) | Ch | Freq. (MHz) | RB /Offset | | BW (MHz) | Ch | Freq. (MHz) | BW (MHz) | Ch | Freq. (MHz) | BW (MHz) | Ch | Freq. (MHz) | BW (MHz) | Ch | Freq. (MHz) | BW (MHz) | Ch | Freq. (MHz) | | | | |
| 13A-[66A] | LTE13 | 10 | 23230 | 782 | 1/25 | 10 | 5230 | 751 | 20 | 66786 | 2145 | | | | | | | | | | | | | 24.01 | 24.05 |
| [66A]-13A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 10 | 5230 | 751 | | | | | | | | | | | | | 23.11 | 23.17 |
| [2A]-2A-4A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 2050 | 2120 | | | | | | | | | | 24.18 | 24.12 |
| 2A-[2A]-4A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 2050 | 2120 | | | | | | | | | | 23.99 | 24.12 |
| [2A]-[2A]-4A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 2050 | 2120 | | | | | | | | | | 24.10 | 24.12 |
| 2A-2A-[4A] | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 2050 | 2120 | | | | | | | | | | 24.02 | 24.12 |
| [2A]-2A-[4A] | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 2050 | 2120 | | | | | | | | | | 24.11 | 24.12 |
| 2A-[2A]-[4A] | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 2050 | 2120 | | | | | | | | | | 24.00 | 24.12 |
| [4A]-2A-2A | LTE4 | 20 | 20175 | 1732.5 | 1/0 | 20 | 2175 | 2132.5 | 20 | 700 | 1940 | 20 | 1100 | 1980 | | | | | | | | | | 23.24 | 23.55 |
| 4A-[2A]-2A | LTE4 | 20 | 20175 | 1732.5 | 1/0 | 20 | 2175 | 2132.5 | 20 | 700 | 1940 | 20 | 1100 | 1980 | | | | | | | | | | 23.22 | 23.55 |
| 4A-2A-[2A] | LTE4 | 20 | 20175 | 1732.5 | 1/0 | 20 | 2175 | 2132.5 | 20 | 700 | 1940 | 20 | 1100 | 1980 | | | | | | | | | | 23.29 | 23.55 |
| [4A]-[2A]-2A | LTE4 | 20 | 20175 | 1732.5 | 1/0 | 20 | 2175 | 2132.5 | 20 | 700 | 1940 | 20 | 1100 | 1980 | | | | | | | | | | 23.27 | 23.55 |
| 4A-[2A]-[2A] | LTE4 | 20 | 20175 | 1732.5 | 1/0 | 20 | 2175 | 2132.5 | 20 | 700 | 1940 | 20 | 1100 | 1980 | | | | | | | | | | 23.21 | 23.55 |
| [4A]-2A-[2A] | LTE4 | 20 | 20175 | 1732.5 | 1/0 | 20 | 2175 | 2132.5 | 20 | 700 | 1940 | 20 | 1100 | 1980 | | | | | | | | | | 23.20 | 23.55 |
| [2A]-12B | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 5 | 5071 | 735.1 | 5 | 5119 | 739.9 | | | | | | | | | | 24.08 | 24.12 |
| 12B-[2A] | LTE12 | 5 | 23095 | 707.5 | 1/25 | 5 | 5071 | 735.1 | 5 | 5119 | 739.9 | 20 | 700 | 1940 | | | | | | | | | | 24.18 | 24.49 |
| [2A]-4A-5A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 2175 | 2132.5 | 10 | 2525 | 881.5 | | | | | | | | | | 24.11 | 24.12 |
| 2A-[4A]-5A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 2175 | 2132.5 | 10 | 2525 | 881.5 | | | | | | | | | | 24.10 | 24.12 |
| [2A]-[4A]-5A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 2175 | 2132.5 | 10 | 2525 | 881.5 | | | | | | | | | | 24.08 | 24.12 |
| [4A]-2A-5A | LTE4 | 20 | 20175 | 1732.5 | 1/0 | 20 | 2175 | 2132.5 | 20 | 700 | 1940 | 10 | 2525 | 881.5 | | | | | | | | | | 23.19 | 23.55 |
| 4A-[2A]-5A | LTE4 | 20 | 20175 | 1732.5 | 1/0 | 20 | 2175 | 2132.5 | 20 | 700 | 1940 | 10 | 2525 | 881.5 | | | | | | | | | | 23.20 | 23.55 |
| [4A]-[2A]-5A | LTE4 | 20 | 20175 | 1732.5 | 1/0 | 20 | 2175 | 2132.5 | 20 | 700 | 1940 | 10 | 2525 | 881.5 | | | | | | | | | | 23.24 | 23.55 |
| 5A-[2A]-4A | LTE5 | 10 | 20450 | 829 | 1/25 | 10 | 2450 | 874 | 20 | 700 | 1940 | 20 | 2175 | 2132.5 | | | | | | | | | | 24.48 | 24.57 |
| 5A-2A-[4A] | LTE5 | 10 | 20450 | 829 | 1/25 | 10 | 2450 | 874 | 20 | 700 | 1940 | 20 | 2175 | 2132.5 | | | | | | | | | | 24.49 | 24.57 |
| 5A-[2A]-[4A] | LTE5 | 10 | 20450 | 829 | 1/25 | 10 | 2450 | 874 | 20 | 700 | 1940 | 20 | 2175 | 2132.5 | | | | | | | | | | 24.52 | 24.57 |
| [2A]-4A-12A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 2175 | 2132.5 | 10 | 5095 | 737.5 | | | | | | | | | | 24.08 | 24.12 |
| 2A-[4A]-12A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 2175 | 2132.5 | 10 | 5095 | 737.5 | | | | | | | | | | 24.02 | 24.12 |
| [2A]-[4A]-12A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 2175 | 2132.5 | 10 | 5095 | 737.5 | | | | | | | | | | 24.12 | 24.12 |
| [4A]-2A-12A | LTE4 | 20 | 20175 | 1732.5 | 1/0 | 20 | 2175 | 2132.5 | 10 | 5095 | 737.5 | 20 | 700 | 1940 | | | | | | | | | | 23.17 | 23.55 |
| 4A-[2A]-12A | LTE4 | 20 | 20175 | 1732.5 | 1/0 | 20 | 2175 | 2132.5 | 10 | 5095 | 737.5 | 20 | 700 | 1940 | | | | | | | | | | 23.20 | 23.55 |
| [4A]-[2A]-12A | LTE4 | 20 | 20175 | 1732.5 | 1/0 | 20 | 2175 | 2132.5 | 10 | 5095 | 737.5 | 20 | 700 | 1940 | | | | | | | | | | 23.22 | 23.55 |
| 12A-[2A]-4A | LTE12 | 10 | 23060 | 704 | 1/25 | 10 | 5060 | 734 | 20 | 700 | 1940 | 20 | 2175 | 2132.5 | | | | | | | | | | 24.43 | 24.49 |

| E-UTRA CA Configuration | UL | | | | | DL | | | | | | | | | | | | | | Power | | | | | | | |
|-------------------------|-------|----------|--------|-------------|------------|----------|-------|-------------|----------|-------|-------------|----------|------|-------------|----------|-------|-------------|----------|-------|-------------|------------------------------|-----------------------------------|--|--|-------|-------|-------|
| | PCC | | | | | PCC | | | SCC1 | | | SCC2 | | | SCC3 | | | SCC4 | | | LTE Tx.Power with DLCA (dBm) | LTE Single Carrier Tx Power (dBm) | | | | | |
| | Mode | BW (MHz) | Ch | Freq. (MHz) | RB /Offset | BW (MHz) | Ch | Freq. (MHz) | BW (MHz) | Ch | Freq. (MHz) | BW (MHz) | Ch | Freq. (MHz) | BW (MHz) | Ch | Freq. (MHz) | BW (MHz) | Ch | Freq. (MHz) | | | | | | | |
| 12A-2A-[4A] | LTE12 | 10 | 23060 | 704 | 1/25 | 10 | 5060 | 734 | 20 | 700 | 1940 | 20 | 2175 | 2132.5 | | | | | | | | | | | 24.39 | 24.49 | |
| 12A-[2A]-[4A] | LTE12 | 10 | 23060 | 704 | 1/25 | 10 | 5060 | 734 | 20 | 700 | 1940 | 20 | 2175 | 2132.5 | | | | | | | | | | | | 24.38 | 24.49 |
| [2A]-4A-13A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 2175 | 2132.5 | 10 | 5230 | 751 | | | | | | | | | | | | 24.07 | 24.12 |
| 2A-[4A]-13A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 2175 | 2132.5 | 10 | 5230 | 751 | | | | | | | | | | | | 24.12 | 24.12 |
| [2A]-[4A]-13A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 2175 | 2132.5 | 10 | 5230 | 751 | | | | | | | | | | | | 24.11 | 24.12 |
| [4A]-2A-13A | LTE4 | 20 | 20175 | 1732.5 | 1/0 | 20 | 2175 | 2132.5 | 20 | 700 | 1940 | 10 | 5230 | 751 | | | | | | | | | | | | 23.29 | 23.55 |
| 4A-[2A]-13A | LTE4 | 20 | 20175 | 1732.5 | 1/0 | 20 | 2175 | 2132.5 | 20 | 700 | 1940 | 10 | 5230 | 751 | | | | | | | | | | | | 23.25 | 23.55 |
| [4A]-[2A]-13A | LTE4 | 20 | 20175 | 1732.5 | 1/0 | 20 | 2175 | 2132.5 | 20 | 700 | 1940 | 10 | 5230 | 751 | | | | | | | | | | | | 23.48 | 23.55 |
| 13A-[2A]-4A | LTE13 | 10 | 23230 | 782 | 1/25 | 10 | 5230 | 751 | 20 | 700 | 1940 | 20 | 2175 | 2132.5 | | | | | | | | | | | | 24.01 | 24.05 |
| 13A-2A-[4A] | LTE13 | 10 | 23230 | 782 | 1/25 | 10 | 5230 | 751 | 20 | 700 | 1940 | 20 | 2175 | 2132.5 | | | | | | | | | | | | 23.98 | 24.05 |
| 13A-[2A]-[4A] | LTE13 | 10 | 23230 | 782 | 1/25 | 10 | 5230 | 751 | 20 | 700 | 1940 | 20 | 2175 | 2132.5 | | | | | | | | | | | | 23.95 | 24.05 |
| [2A]-2A-5A-66A-66A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 2525 | 881.5 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | | | | | 24.07 | 24.12 | |
| 2A-[2A]-5A-66A-66A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 2525 | 881.5 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | | | | | 24.06 | 24.12 | |
| 2A-2A-5A-[66A]-66A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 2525 | 881.5 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | | | | | 24.11 | 24.12 | |
| 2A-2A-5A-66A-[66A] | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 2525 | 881.5 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | | | | | 24.07 | 24.12 | |
| [2A]-[2A]-5A-66A-66A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 2525 | 881.5 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | | | | | 24.01 | 24.12 | |
| 2A-2A-5A-[66A]-[66A] | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 2525 | 881.5 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | | | | | 24.07 | 24.12 | |
| [2A]-2A-5A-[66A]-66A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 2525 | 881.5 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | | | | | 24.05 | 24.12 | |
| [2A]-2A-5A-66A-[66A] | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 2525 | 881.5 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | | | | | 24.06 | 24.12 | |
| 2A-[2A]-5A-[66A]-66A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 2525 | 881.5 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | | | | | 24.01 | 24.12 | |
| 2A-[2A]-5A-66A-[66A] | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 2525 | 881.5 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | | | | | 23.98 | 24.12 | |
| 5A-[2A]-2A-66A-66A | LTE5 | 10 | 20450 | 829 | 1/25 | 10 | 2450 | 874 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | | | | | 24.44 | 24.57 | |
| 5A-2A-[2A]-66A-66A | LTE5 | 10 | 20450 | 829 | 1/25 | 10 | 2450 | 874 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | | | | | 24.49 | 24.57 | |
| 5A-2A-2A-[66A]-66A | LTE5 | 10 | 20450 | 829 | 1/25 | 10 | 2450 | 874 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | | | | | 24.25 | 24.57 | |
| 5A-2A-2A-66A-[66A] | LTE5 | 10 | 20450 | 829 | 1/25 | 10 | 2450 | 874 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | | | | | 24.53 | 24.57 | |
| 5A-[2A]-[2A]-66A-66A | LTE5 | 10 | 20450 | 829 | 1/25 | 10 | 2450 | 874 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | | | | | 24.51 | 24.57 | |
| 5A-2A-2A-[66A]-[66A] | LTE5 | 10 | 20450 | 829 | 1/25 | 10 | 2450 | 874 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | | | | | 24.43 | 24.57 | |
| 5A-[2A]-2A-[66A]-66A | LTE5 | 10 | 20450 | 829 | 1/25 | 10 | 2450 | 874 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | | | | | 24.48 | 24.57 | |
| 5A-[2A]-2A-66A-[66A] | LTE5 | 10 | 20450 | 829 | 1/25 | 10 | 2450 | 874 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | | | | | 24.47 | 24.57 | |
| 5A-2A-[2A]-[66A]-66A | LTE5 | 10 | 20450 | 829 | 1/25 | 10 | 2450 | 874 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | | | | | 24.53 | 25.57 | |
| 5A-2A-[2A]-66A-[66A] | LTE5 | 10 | 20450 | 829 | 1/25 | 10 | 2450 | 874 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | | | | | 24.56 | 24.57 | |
| [66A]-66A-2A-2A-5A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 2525 | 881.5 | | | | | 23.15 | 23.17 | |

| E-UTRA CA Configuration | UL | | | | | DL | | | | | | | | | | | | | | | | |
|-------------------------|-------|----------|--------|-------------|------------|----------|-------|-------------|----------|-------|-------------|----------|------|-------------|----------|-------|-------------|----------|-------|-------------|------------------------------|-----------------------------------|
| | PCC | | | | | PCC | | | SCC1 | | | SCC2 | | | SCC3 | | | SCC4 | | | Power | |
| | Mode | BW (MHz) | Ch | Freq. (MHz) | RB /Offset | BW (MHz) | Ch | Freq. (MHz) | BW (MHz) | Ch | Freq. (MHz) | BW (MHz) | Ch | Freq. (MHz) | BW (MHz) | Ch | Freq. (MHz) | BW (MHz) | Ch | Freq. (MHz) | LTE Tx.Power with DLCA (dBm) | LTE Single Carrier Tx Power (dBm) |
| 66A-[66A]-2A-2A-5A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 2525 | 881.5 | 23.17 | 23.17 |
| 66A-66A-[2A]-2A-5A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 2525 | 881.5 | 23.09 | 23.17 |
| 66A-66A-2A-[2A]-5A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 2525 | 881.5 | 23.08 | 23.17 |
| [66A]-[66A]-2A-2A-5A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 2525 | 881.5 | 23.07 | 23.17 |
| 66A-66A-[2A]-[2A]-5A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 2525 | 881.5 | 23.11 | 23.17 |
| [66A]-66A-[2A]-2A-5A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 2525 | 881.5 | 23.11 | 23.17 |
| [66A]-66A-2A-[2A]-5A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 2525 | 881.5 | 23.15 | 23.17 |
| 66A-[66A]-[2A]-2A-5A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 2525 | 881.5 | 23.16 | 23.17 |
| 66A-[66A]-2A-[2A]-5A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 2525 | 881.5 | 23.09 | 23.17 |
| [2A]-2A-12A-66A-66A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5095 | 737.5 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.07 | 24.12 |
| 2A-[2A]-12A-66A-66A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5095 | 737.5 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.11 | 24.12 |
| 2A-2A-12A-[66A]-66A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5095 | 737.5 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 23.98 | 24.12 |
| 2A-2A-12A-66A-[66A] | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5095 | 737.5 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.01 | 24.12 |
| [2A]-[2A]-12A-66A-66A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5095 | 737.5 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.03 | 24.12 |
| [2A]-2A-12A-[66A]-66A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5095 | 737.5 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 23.98 | 24.12 |
| [2A]-2A-12A-66A-[66A] | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5095 | 737.5 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.06 | 24.12 |
| 2A-[2A]-12A-[66A]-66A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5095 | 737.5 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.00 | 24.12 |
| 2A-[2A]-12A-66A-[66A] | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5095 | 737.5 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.01 | 24.12 |
| 2A-2A-12A-[66A]-[66A] | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5095 | 737.5 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 23.97 | 24.12 |
| 12A-[2A]-2A-66A-66A | LTE12 | 10 | 23095 | 707.5 | 1/25 | 10 | 5095 | 737.5 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.39 | 24.49 |
| 12A-2A-[2A]-66A-66A | LTE12 | 10 | 23095 | 707.5 | 1/25 | 10 | 5095 | 737.5 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.44 | 24.49 |
| 12A-2A-2A-[66A]-66A | LTE12 | 10 | 23095 | 707.5 | 1/25 | 10 | 5095 | 737.5 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.49 | 24.49 |
| 12A-2A-2A-66A-[66A] | LTE12 | 10 | 23095 | 707.5 | 1/25 | 10 | 5095 | 737.5 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.45 | 24.49 |
| 12A-[2A]-[2A]-66A-66A | LTE12 | 10 | 23095 | 707.5 | 1/25 | 10 | 5095 | 737.5 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.38 | 24.49 |
| 12A-2A-2A-[66A]-[66A] | LTE12 | 10 | 23095 | 707.5 | 1/25 | 10 | 5095 | 737.5 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.45 | 24.49 |
| 12A-[2A]-2A-[66A]-66A | LTE12 | 10 | 23095 | 707.5 | 1/25 | 10 | 5095 | 737.5 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.48 | 24.49 |
| 12A-[2A]-2A-66A-[66A] | LTE12 | 10 | 23095 | 707.5 | 1/25 | 10 | 5095 | 737.5 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.40 | 24.49 |
| 12A-2A-[2A]-[66A]-66A | LTE12 | 10 | 23095 | 707.5 | 1/25 | 10 | 5095 | 737.5 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.45 | 24.49 |
| 12A-2A-[2A]-66A-[66A] | LTE12 | 10 | 23095 | 707.5 | 1/25 | 10 | 5095 | 737.5 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.38 | 24.49 |
| [66A]-66A-2A-2A-12A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5095 | 737.5 | 23.15 | 23.17 |
| 66A-[66A]-2A-2A-12A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5095 | 737.5 | 23.16 | 23.17 |
| 66A-66A-[2A]-2A-12A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5095 | 737.5 | 23.09 | 23.17 |



| E-UTRA CA Configuration | UL | | | | | DL | | | | | | | | | | | | | | | | | | | | | |
|-------------------------|-------|----------|--------|-------------|------------|----------|-------|-------------|----------|-------|-------------|----------|------|-------------|----------|-------|-------------|----------|-------|-------------|----------|-------|-------------|------------------------------|-----------------------------------|-------|--|
| | PCC | | | | | PCC | | | | SCC1 | | | | SCC2 | | | | SCC3 | | | | SCC4 | | | | Power | |
| | Mode | BW (MHz) | Ch | Freq. (MHz) | RB /Offset | BW (MHz) | Ch | Freq. (MHz) | BW (MHz) | Ch | Freq. (MHz) | BW (MHz) | Ch | Freq. (MHz) | BW (MHz) | Ch | Freq. (MHz) | BW (MHz) | Ch | Freq. (MHz) | BW (MHz) | Ch | Freq. (MHz) | LTE Tx.Power with DLCA (dBm) | LTE Single Carrier Tx Power (dBm) | | |
| 66A-66A-2A-[2A]-12A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5095 | 737.5 | 23.05 | 23.17 | | | | | |
| [66A]-[66A]-2A-2A-12A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5095 | 737.5 | 23.11 | 23.17 | | | | | |
| 66A-66A-[2A]-[2A]-12A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5095 | 737.5 | 23.15 | 23.17 | | | | | |
| [66A]-66A-[2A]-2A-12A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5095 | 737.5 | 23.11 | 23.17 | | | | | |
| [66A]-66A-2A-[2A]-12A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5095 | 737.5 | 23.18 | 23.17 | | | | | |
| 66A-[66A]-[2A]-2A-12A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5095 | 737.5 | 23.05 | 23.17 | | | | | |
| 66A-[66A]-2A-[2A]-12A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5095 | 737.5 | 23.09 | 23.17 | | | | | |
| [2A]-2A-14A-66A-66A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5330 | 763 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 23.95 | 24.12 | | | | | |
| 2A-[2A]-14A-66A-66A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5330 | 763 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 23.97 | 24.12 | | | | | |
| 2A-2A-14A-[66A]-66A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5330 | 763 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.00 | 24.12 | | | | | |
| 2A-2A-14A-66A-[66A] | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5330 | 763 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 23.99 | 24.12 | | | | | |
| [2A]-[2A]-14A-66A-66A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5330 | 763 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 23.88 | 24.12 | | | | | |
| 2A-2A-14A-[66A]-[66A] | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5330 | 763 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 23.97 | 24.12 | | | | | |
| [2A]-2A-14A-[66A]-66A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5330 | 763 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 23.95 | 24.12 | | | | | |
| [2A]-2A-14A-66A-[66A] | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5330 | 763 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 23.98 | 24.12 | | | | | |
| 2A-[2A]-14A-[66A]-66A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5330 | 763 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 23.98 | 24.12 | | | | | |
| 2A-[2A]-14A-66A-[66A] | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5330 | 763 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.05 | 24.12 | | | | | |
| 14A-[2A]-2A-66A-66A | LTE14 | 10 | 23330 | 793 | 1/25 | 10 | 5330 | 763 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.01 | 24.04 | | | | | |
| 14A-2A-[2A]-66A-66A | LTE14 | 10 | 23330 | 793 | 1/25 | 10 | 5330 | 763 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.02 | 24.04 | | | | | |
| 14A-2A-2A-[66A]-66A | LTE14 | 10 | 23330 | 793 | 1/25 | 10 | 5330 | 763 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 23.98 | 24.04 | | | | | |
| 14A-2A-2A-66A-[66A] | LTE14 | 10 | 23330 | 793 | 1/25 | 10 | 5330 | 763 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 23.99 | 24.04 | | | | | |
| 14A-[2A]-[2A]-66A-66A | LTE14 | 10 | 23330 | 793 | 1/25 | 10 | 5330 | 763 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.03 | 24.04 | | | | | |
| 14A-2A-2A-[66A]-[66A] | LTE14 | 10 | 23330 | 793 | 1/25 | 10 | 5330 | 763 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.01 | 24.04 | | | | | |
| 14A-[2A]-2A-[66A]-66A | LTE14 | 10 | 23330 | 793 | 1/25 | 10 | 5330 | 763 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.01 | 24.04 | | | | | |
| 14A-[2A]-2A-66A-[66A] | LTE14 | 10 | 23330 | 793 | 1/25 | 10 | 5330 | 763 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 23.97 | 24.04 | | | | | |
| 14A-2A-[2A]-[66A]-66A | LTE14 | 10 | 23330 | 793 | 1/25 | 10 | 5330 | 763 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 23.95 | 24.04 | | | | | |
| 14A-2A-[2A]-66A-[66A] | LTE14 | 10 | 23330 | 793 | 1/25 | 10 | 5330 | 763 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.01 | 24.04 | | | | | |
| [66A]-66A-2A-2A-14A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5330 | 763 | 23.11 | 23.17 | | | | | |
| 66A-[66A]-2A-2A-14A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5330 | 763 | 23.08 | 23.17 | | | | | |
| 66A-66A-[2A]-2A-14A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5330 | 763 | 23.02 | 23.17 | | | | | |
| 66A-66A-2A-[2A]-14A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5330 | 763 | 23.15 | 23.17 | | | | | |
| [66A]-[66A]-2A-2A-14A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5330 | 763 | 23.08 | 23.17 | | | | | |

Report File No : F690501-RF-SAR000386

Date of Issue : 2023-10-27

(All SGS services are rendered in accordance with the applicable SGS conditions of service available on request and accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>.)



| E-UTRA CA Configuration | UL | | | | | DL | | | | | | | | | | | | | | Power | | |
|-------------------------|-------|----------|--------|-------------|------------|----------|-------|-------------|----------|-------|-------------|----------|-------|-------------|----------|------------------------------|-----------------------------------|----|-------------|-------|-------|-------|
| | PCC | | | | | PCC | | SCC1 | | SCC2 | | SCC3 | | SCC4 | | LTE Tx.Power with DLCA (dBm) | LTE Single Carrier Tx Power (dBm) | | | | | |
| | Mode | BW (MHz) | Ch | Freq. (MHz) | RB /Offset | BW (MHz) | Ch | Freq. (MHz) | BW (MHz) | Ch | Freq. (MHz) | BW (MHz) | Ch | Freq. (MHz) | BW (MHz) | | | Ch | Freq. (MHz) | | | |
| 66A-66A-[2A]-[2A]-14A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5330 | 763 | 23.11 | 23.17 |
| [66A]-66A-[2A]-2A-14A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5330 | 763 | 23.15 | 23.17 |
| [66A]-66A-2A-[2A]-14A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5330 | 763 | 23.08 | 23.17 |
| 66A-[66A]-[2A]-2A-14A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5330 | 763 | 23.11 | 23.17 |
| 66A-[66A]-2A-[2A]-14A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 20 | 1100 | 1980 | 10 | 5330 | 763 | 23.15 | 23.17 |
| [2A]-5B-66A-66A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 10 | 2525 | 881.5 | 5 | 2453 | 874.3 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 23.98 | 24.12 |
| 2A-5B-[66A]-66A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 10 | 2525 | 881.5 | 5 | 2453 | 874.3 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 23.96 | 24.12 |
| 2A-5B-66A-[66A] | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 10 | 2525 | 881.5 | 5 | 2453 | 874.3 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.01 | 24.12 |
| [2A]-5B-[66A]-66A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 10 | 2525 | 881.5 | 5 | 2453 | 874.3 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 23.97 | 24.12 |
| [2A]-5B-66A-[66A] | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 10 | 2525 | 881.5 | 5 | 2453 | 874.3 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.05 | 24.12 |
| 2A-5B-[66A]-[66A] | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 10 | 2525 | 881.5 | 5 | 2453 | 874.3 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.00 | 24.12 |
| 5B-[2A]-66A-66A | LTE5 | 5 | 20425 | 826.5 | 1/25 | 5 | 2425 | 871.5 | 10 | 2497 | 878.7 | 20 | 900 | 1960 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.44 | 24.57 |
| 5B-2A-[66A]-66A | LTE5 | 5 | 20425 | 826.5 | 1/25 | 5 | 2425 | 871.5 | 10 | 2497 | 878.7 | 20 | 900 | 1960 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.52 | 24.57 |
| 5B-2A-66A-[66A] | LTE5 | 5 | 20425 | 826.5 | 1/25 | 5 | 2425 | 871.5 | 10 | 2497 | 878.7 | 20 | 900 | 1960 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.51 | 24.57 |
| 5B-[2A]-66A-[66A] | LTE5 | 5 | 20425 | 826.5 | 1/25 | 5 | 2425 | 871.5 | 10 | 2497 | 878.7 | 20 | 900 | 1960 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.49 | 24.57 |
| 5B-[2A]-[66A]-66A | LTE5 | 5 | 20425 | 826.5 | 1/25 | 5 | 2425 | 871.5 | 10 | 2497 | 878.7 | 20 | 900 | 1960 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.48 | 24.57 |
| 5B-2A-[66A]-[66A] | LTE5 | 5 | 20425 | 826.5 | 1/25 | 5 | 2425 | 871.5 | 10 | 2497 | 878.7 | 20 | 900 | 1960 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 24.55 | 24.57 |
| [66A]-66A-2A-5B | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 10 | 2525 | 881.5 | 5 | 2453 | 874.3 | 23.15 | 23.17 |
| 66A-[66A]-2A-5B | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 10 | 2525 | 881.5 | 5 | 2453 | 874.3 | 23.11 | 23.17 |
| 66A-66A-[2A]-5B | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 10 | 2525 | 881.5 | 5 | 2453 | 874.3 | 23.08 | 23.17 |
| [66A]-[66A]-2A-5B | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 10 | 2525 | 881.5 | 5 | 2453 | 874.3 | 23.05 | 23.17 |
| [66A]-66A-[2A]-5B | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 10 | 2525 | 881.5 | 5 | 2453 | 874.3 | 23.05 | 23.17 |
| 66A-[66A]-[2A]-5B | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 700 | 1940 | 10 | 2525 | 881.5 | 5 | 2453 | 874.3 | 23.14 | 23.17 |
| [2A]-14A-66A-66A-66A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 10 | 5330 | 763 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 67236 | 2190 | 24.01 | 24.12 |
| 2A-14A-[66A]-66A-66A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 10 | 5330 | 763 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 67236 | 2190 | 23.98 | 24.12 |
| 2A-14A-66A-[66A]-66A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 10 | 5330 | 763 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 67236 | 2190 | 24.01 | 24.12 |
| 2A-14A-66A-66A-[66A] | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 10 | 5330 | 763 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 67236 | 2190 | 23.96 | 24.12 |
| [2A]-14A-[66A]-66A-66A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 10 | 5330 | 763 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 67236 | 2190 | 24.03 | 24.12 |
| [2A]-14A-66A-[66A]-66A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 10 | 5330 | 763 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 67236 | 2190 | 24.00 | 24.12 |
| [2A]-14A-66A-66A-[66A] | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 10 | 5330 | 763 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 67236 | 2190 | 24.01 | 24.12 |
| 2A-14A-[66A]-[66A]-66A | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 10 | 5330 | 763 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 67236 | 2190 | 24.03 | 24.12 |
| 2A-14A-66A-[66A]-[66A] | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 10 | 5330 | 763 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 67236 | 2190 | 24.06 | 24.12 |



| E-UTRA CA Configuration | UL | | | | | DL | | | | | | | | | | | | | | Power | | |
|--------------------------|-------|----------|--------|-------------|------------|----------|-------|-------------|----------|-------|-------------|----------|-------|-------------|----------|------------------------------|-----------------------------------|----|-------------|-------|-------|-------|
| | PCC | | | | | PCC | | SCC1 | | SCC2 | | SCC3 | | SCC4 | | LTE Tx.Power with DLCA (dBm) | LTE Single Carrier Tx Power (dBm) | | | | | |
| | Mode | BW (MHz) | Ch | Freq. (MHz) | RB /Offset | BW (MHz) | Ch | Freq. (MHz) | BW (MHz) | Ch | Freq. (MHz) | BW (MHz) | Ch | Freq. (MHz) | BW (MHz) | | | Ch | Freq. (MHz) | | | |
| 2A-14A-[66A]-66A-[66A] | LTE2 | 20 | 18700 | 1860 | 1/0 | 20 | 700 | 1940 | 10 | 5330 | 763 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 67236 | 2190 | 24.08 | 24.12 |
| 14A-[2A]-66A-66A-66A | LTE14 | 10 | 23330 | 793 | 1/25 | 10 | 5330 | 763 | 20 | 700 | 1940 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 67236 | 2190 | 24.02 | 24.04 |
| 14A-2A-[66A]-66A-66A | LTE14 | 10 | 23330 | 793 | 1/25 | 10 | 5330 | 763 | 20 | 700 | 1940 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 67236 | 2190 | 24.06 | 24.04 |
| 14A-2A-66A-[66A]-66A | LTE14 | 10 | 23330 | 793 | 1/25 | 10 | 5330 | 763 | 20 | 700 | 1940 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 67236 | 2190 | 24.01 | 24.04 |
| 14A-2A-66A-66A-[66A] | LTE14 | 10 | 23330 | 793 | 1/25 | 10 | 5330 | 763 | 20 | 700 | 1940 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 67236 | 2190 | 23.99 | 24.04 |
| 14A-[2A]-[66A]-66A-66A | LTE14 | 10 | 23330 | 793 | 1/25 | 10 | 5330 | 763 | 20 | 700 | 1940 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 67236 | 2190 | 23.98 | 24.04 |
| 14A-[2A]-66A-[66A]-66A | LTE14 | 10 | 23330 | 793 | 1/25 | 10 | 5330 | 763 | 20 | 700 | 1940 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 67236 | 2190 | 23.99 | 24.04 |
| 14A-[2A]-[66A]-66A-[66A] | LTE14 | 10 | 23330 | 793 | 1/25 | 10 | 5330 | 763 | 20 | 700 | 1940 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 67236 | 2190 | 23.99 | 24.04 |
| 14A-2A-[66A]-[66A]-66A | LTE14 | 10 | 23330 | 793 | 1/25 | 10 | 5330 | 763 | 20 | 700 | 1940 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 67236 | 2190 | 23.95 | 24.04 |
| 14A-2A-66A-[66A]-[66A] | LTE14 | 10 | 23330 | 793 | 1/25 | 10 | 5330 | 763 | 20 | 700 | 1940 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 67236 | 2190 | 24.01 | 24.04 |
| 14A-2A-[66A]-66A-[66A] | LTE14 | 10 | 23330 | 793 | 1/25 | 10 | 5330 | 763 | 20 | 700 | 1940 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 67236 | 2190 | 23.92 | 24.04 |
| [66A]-66A-66A-2A-14A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 67236 | 2190 | 20 | 700 | 1940 | 10 | 5330 | 763 | 23.11 | 23.17 |
| 66A-[66A]-66A-2A-14A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 67236 | 2190 | 20 | 700 | 1940 | 10 | 5330 | 763 | 23.15 | 23.17 |
| 66A-66A-[66A]-2A-14A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 67236 | 2190 | 20 | 700 | 1940 | 10 | 5330 | 763 | 23.01 | 23.17 |
| 66A-66A-66A-[2A]-14A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 67236 | 2190 | 20 | 700 | 1940 | 10 | 5330 | 763 | 23.05 | 23.17 |
| [66A]-[66A]-66A-2A-14A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 67236 | 2190 | 20 | 700 | 1940 | 10 | 5330 | 763 | 23.05 | 23.17 |
| [66A]-66A-[66A]-2A-14A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 67236 | 2190 | 20 | 700 | 1940 | 10 | 5330 | 763 | 23.17 | 23.17 |
| [66A]-66A-66A-[2A]-14A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 67236 | 2190 | 20 | 700 | 1940 | 10 | 5330 | 763 | 23.11 | 23.17 |
| 66A-[66A]-[66A]-2A-14A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 67236 | 2190 | 20 | 700 | 1940 | 10 | 5330 | 763 | 23.15 | 23.17 |
| 66A-66A-[66A]-[2A]-14A | LTE66 | 20 | 132322 | 1745 | 1/0 | 20 | 66786 | 2145 | 20 | 67036 | 2170 | 20 | 67236 | 2190 | 20 | 700 | 1940 | 10 | 5330 | 763 | 23.07 | 23.17 |