

| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 37850   | 38000   | 38150   |         |
| 20MHz     | QPSK       | 1       | 0         | 13.59   | 13.58   | 13.68   | 14.5    |
|           |            | 1       | 50        | 13.31   | 13.57   | 13.59   | 14.5    |
|           |            | 1       | 99        | 13.63   | 13.74   | 13.86   | 14.5    |
|           |            | 50      | 0         | 13.61   | 13.57   | 13.61   | 14.5    |
|           |            | 50      | 25        | 13.53   | 13.48   | 13.64   | 14.5    |
|           |            | 50      | 50        | 13.58   | 13.59   | 13.8    | 14.5    |
|           |            | 100     | 0         | 13.56   | 13.54   | 13.65   | 14.5    |
|           | 16QAM      | 1       | 0         | 13.69   | 13.58   | 13.83   | 14.5    |
|           |            | 1       | 50        | 13.01   | 13.34   | 14.02   | 14.5    |
|           |            | 1       | 99        | 13.47   | 13.82   | 14.27   | 14.5    |
|           |            | 50      | 0         | 13.5    | 13.43   | 13.63   | 14.5    |
|           |            | 50      | 25        | 13.46   | 13.4    | 13.57   | 14.5    |
|           |            | 50      | 50        | 13.55   | 13.55   | 13.61   | 14.5    |
|           |            | 100     | 0         | 13.52   | 13.52   | 13.54   | 14.5    |
|           | 64QAM      | 1       | 0         | 13.42   | 13.32   | 13.35   | 14.5    |
|           |            | 1       | 50        | 13.56   | 13.66   | 13.62   | 14.5    |
|           |            | 1       | 99        | 13.44   | 13.42   | 13.47   | 14.5    |
|           |            | 50      | 0         | 13.21   | 13.24   | 13.37   | 14.5    |
|           |            | 50      | 25        | 13.21   | 13.22   | 13.13   | 14.5    |
|           |            | 50      | 50        | 13.11   | 13.03   | 13.15   | 14.5    |
|           |            | 100     | 0         | 13.26   | 13.16   | 13.2    | 14.5    |

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| LTE Band 38 Receiver on(Left head) + WiFi2.4G<br>Ant1 + WiFi5G Ant2 |            |            |              | Conducted Power(dBm) |         |         |         |
|---------------------------------------------------------------------|------------|------------|--------------|----------------------|---------|---------|---------|
| Bandwidth                                                           | Modulation | RB<br>size | RB<br>offset | Channel              | Channel | Channel | Tune up |
|                                                                     |            |            |              | 37775                | 38000   | 38225   |         |
| 5MHz                                                                | QPSK       | 1          | 0            | 13.56                | 13.55   | 13.78   | 14.5    |
|                                                                     |            | 1          | 13           | 13.47                | 13.56   | 13.72   | 14.5    |
|                                                                     |            | 1          | 24           | 13.51                | 13.52   | 13.61   | 14.5    |
|                                                                     |            | 12         | 0            | 13.52                | 13.53   | 13.71   | 14.5    |
|                                                                     |            | 12         | 6            | 13.62                | 13.5    | 13.8    | 14.5    |
|                                                                     |            | 12         | 13           | 13.53                | 13.52   | 13.81   | 14.5    |
|                                                                     |            | 25         | 0            | 13.43                | 13.39   | 13.73   | 14.5    |
|                                                                     | 16QAM      | 1          | 0            | 13.81                | 13.8    | 13.89   | 14.5    |
|                                                                     |            | 1          | 13           | 13.65                | 13.27   | 13.84   | 14.5    |
|                                                                     |            | 1          | 24           | 13.62                | 13.35   | 13.92   | 14.5    |
|                                                                     |            | 12         | 0            | 13.46                | 13.4    | 13.56   | 14.5    |
|                                                                     |            | 12         | 6            | 13.46                | 13.56   | 13.6    | 14.5    |
|                                                                     |            | 12         | 13           | 13.43                | 13.45   | 13.72   | 14.5    |
|                                                                     |            | 25         | 0            | 13.37                | 13.32   | 13.49   | 14.5    |
|                                                                     | 64QAM      | 1          | 0            | 13.32                | 13.22   | 13.15   | 14.5    |
|                                                                     |            | 1          | 13           | 12.37                | 12.27   | 12.18   | 14.5    |
|                                                                     |            | 1          | 24           | 12.9                 | 13.16   | 13.04   | 14.5    |
|                                                                     |            | 12         | 0            | 12.97                | 12.94   | 12.69   | 14.5    |
|                                                                     |            | 12         | 6            | 12.95                | 12.91   | 12.75   | 14.5    |
|                                                                     |            | 12         | 13           | 12.95                | 12.84   | 12.61   | 14.5    |
|                                                                     |            | 25         | 0            | 12.92                | 12.83   | 12.87   | 14.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 37800   | 38000   | 38200   |         |
| 10MHz     | QPSK       | 1       | 0         | 13.47   | 13.44   | 13.78   | 14.5    |
|           |            | 1       | 25        | 13.04   | 14.03   | 14.05   | 14.5    |
|           |            | 1       | 49        | 13.46   | 13.46   | 13.65   | 14.5    |
|           |            | 25      | 0         | 13.5    | 13.56   | 13.73   | 14.5    |
|           |            | 25      | 13        | 13.52   | 13.39   | 13.72   | 14.5    |
|           |            | 25      | 25        | 13.58   | 13.5    | 13.73   | 14.5    |
|           |            | 50      | 0         | 13.52   | 13.49   | 13.73   | 14.5    |
|           | 16QAM      | 1       | 0         | 13.78   | 13.72   | 13.65   | 14.5    |
|           |            | 1       | 25        | 14.03   | 13.55   | 14.13   | 14.5    |
|           |            | 1       | 49        | 13.87   | 13.54   | 13.72   | 14.5    |
|           |            | 25      | 0         | 13.46   | 13.46   | 13.69   | 14.5    |
|           |            | 25      | 13        | 13.5    | 13.46   | 13.64   | 14.5    |
|           |            | 25      | 25        | 13.57   | 13.33   | 13.8    | 14.5    |
|           |            | 50      | 0         | 13.43   | 13.47   | 13.58   | 14.5    |
|           | 64QAM      | 1       | 0         | 13.31   | 13.2    | 13.22   | 14.5    |
|           |            | 1       | 25        | 12.37   | 12.28   | 12.21   | 14.5    |
|           |            | 1       | 49        | 13.02   | 13.07   | 13.01   | 14.5    |
|           |            | 25      | 0         | 12.87   | 13      | 12.7    | 14.5    |
|           |            | 25      | 13        | 12.91   | 12.9    | 12.68   | 14.5    |
|           |            | 25      | 25        | 12.98   | 12.82   | 12.56   | 14.5    |
|           |            | 50      | 0         | 12.87   | 12.86   | 12.83   | 14.5    |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 37825   | 38000   | 38175   |         |
| 15MHz     | QPSK       | 1       | 0         | 13.54   | 13.46   | 13.56   | 14.5    |
|           |            | 1       | 38        | 13.36   | 13.51   | 13.61   | 14.5    |
|           |            | 1       | 74        | 13.44   | 13.59   | 13.63   | 14.5    |
|           |            | 36      | 0         | 13.54   | 13.48   | 13.63   | 14.5    |
|           |            | 36      | 18        | 13.64   | 13.54   | 13.7    | 14.5    |
|           |            | 36      | 39        | 13.48   | 13.62   | 13.79   | 14.5    |
|           |            | 75      | 0         | 13.52   | 13.5    | 13.65   | 14.5    |
|           | 16QAM      | 1       | 0         | 13.26   | 13.77   | 13.51   | 14.5    |
|           |            | 1       | 38        | 13.88   | 13.59   | 13.65   | 14.5    |
|           |            | 1       | 74        | 13.58   | 13.44   | 13.8    | 14.5    |
|           |            | 36      | 0         | 13.45   | 13.41   | 13.57   | 14.5    |
|           |            | 36      | 18        | 13.39   | 13.41   | 13.58   | 14.5    |
|           |            | 36      | 39        | 13.47   | 13.47   | 13.7    | 14.5    |
|           |            | 75      | 0         | 13.47   | 13.46   | 13.56   | 14.5    |
|           | 64QAM      | 1       | 0         | 13.31   | 13.16   | 13.22   | 14.5    |
|           |            | 1       | 38        | 12.27   | 12.32   | 12.16   | 14.5    |
|           |            | 1       | 74        | 12.89   | 13.12   | 13.14   | 14.5    |
|           |            | 36      | 0         | 12.96   | 12.92   | 12.71   | 14.5    |
|           |            | 36      | 18        | 12.93   | 12.81   | 12.67   | 14.5    |
|           |            | 36      | 39        | 12.87   | 12.78   | 12.63   | 14.5    |
|           |            | 75      | 0         | 12.99   | 12.86   | 12.85   | 14.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 37850   | 38000   | 38150   |         |
| 20MHz     | QPSK       | 1       | 0         | 13.62   | 13.61   | 13.58   | 14.5    |
|           |            | 1       | 50        | 12.99   | 13.56   | 14.06   | 14.5    |
|           |            | 1       | 99        | 13.66   | 13.8    | 13.77   | 14.5    |
|           |            | 50      | 0         | 13.5    | 13.49   | 13.6    | 14.5    |
|           |            | 50      | 25        | 13.45   | 13.48   | 13.66   | 14.5    |
|           |            | 50      | 50        | 13.58   | 13.54   | 13.71   | 14.5    |
|           |            | 100     | 0         | 13.44   | 13.54   | 13.66   | 14.5    |
|           | 16QAM      | 1       | 0         | 13.7    | 13.73   | 13.75   | 14.5    |
|           |            | 1       | 50        | 13.46   | 13.46   | 14.17   | 14.5    |
|           |            | 1       | 99        | 13.44   | 13.74   | 13.89   | 14.5    |
|           |            | 50      | 0         | 13.39   | 13.38   | 13.61   | 14.5    |
|           |            | 50      | 25        | 13.37   | 13.41   | 13.58   | 14.5    |
|           |            | 50      | 50        | 13.49   | 13.43   | 13.73   | 14.5    |
|           |            | 100     | 0         | 13.42   | 13.46   | 13.57   | 14.5    |
|           | 64QAM      | 1       | 0         | 13.37   | 13.25   | 13.17   | 14.5    |
|           |            | 1       | 50        | 12.33   | 12.25   | 12.25   | 14.5    |
|           |            | 1       | 99        | 12.97   | 13.11   | 13.02   | 14.5    |
|           |            | 50      | 0         | 12.92   | 12.97   | 12.98   | 14.5    |
|           |            | 50      | 25        | 12.85   | 12.84   | 12.86   | 14.5    |
|           |            | 50      | 50        | 12.88   | 12.8    | 12.88   | 14.5    |
|           |            | 100     | 0         | 12.87   | 12.9    | 12.89   | 14.5    |

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| LTE Band 38 Receiver on(Right head) + WiFi2.4G Ant1 + WiFi5G Ant2 |            |         |           | Conducted Power(dBm) |               |               |         |
|-------------------------------------------------------------------|------------|---------|-----------|----------------------|---------------|---------------|---------|
| Bandwidth                                                         | Modulation | RB size | RB offset | Channel 37775        | Channel 38000 | Channel 38225 | Tune up |
| 5MHz                                                              | QPSK       | 1       | 0         | 12.36                | 12.52         | 12.69         | 13.5    |
|                                                                   |            | 1       | 13        | 12.5                 | 12.5          | 12.61         | 13.5    |
|                                                                   |            | 1       | 24        | 12.42                | 12.43         | 12.65         | 13.5    |
|                                                                   |            | 12      | 0         | 12.5                 | 12.53         | 12.71         | 13.5    |
|                                                                   |            | 12      | 6         | 12.43                | 12.55         | 12.67         | 13.5    |
|                                                                   |            | 12      | 13        | 12.51                | 12.66         | 12.81         | 13.5    |
|                                                                   |            | 25      | 0         | 12.54                | 12.63         | 12.74         | 13.5    |
|                                                                   | 16QAM      | 1       | 0         | 12.89                | 12.85         | 12.63         | 13.5    |
|                                                                   |            | 1       | 13        | 12.36                | 12.78         | 12.93         | 13.5    |
|                                                                   |            | 1       | 24        | 12.72                | 12.84         | 12.84         | 13.5    |
|                                                                   |            | 12      | 0         | 12.4                 | 12.51         | 12.76         | 13.5    |
|                                                                   |            | 12      | 6         | 12.48                | 12.61         | 12.66         | 13.5    |
|                                                                   |            | 12      | 13        | 12.41                | 12.39         | 12.54         | 13.5    |
|                                                                   |            | 25      | 0         | 12.44                | 12.44         | 12.69         | 13.5    |
|                                                                   | 64QAM      | 1       | 0         | 12.31                | 12.2          | 12.11         | 13.5    |
|                                                                   |            | 1       | 13        | 11.34                | 11.21         | 11.09         | 13.5    |
|                                                                   |            | 1       | 24        | 11.81                | 12.08         | 12.01         | 13.5    |
|                                                                   |            | 12      | 0         | 11.93                | 11.92         | 11.62         | 13.5    |
|                                                                   |            | 12      | 6         | 11.93                | 11.89         | 11.68         | 13.5    |
|                                                                   |            | 12      | 13        | 11.89                | 11.82         | 11.53         | 13.5    |
|                                                                   |            | 25      | 0         | 11.89                | 11.74         | 11.78         | 13.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 37800   | 38000   | 38200   |         |
| 10MHz     | QPSK       | 1       | 0         | 12.41   | 12.49   | 12.64   | 13.5    |
|           |            | 1       | 25        | 12.12   | 12.46   | 12.71   | 13.5    |
|           |            | 1       | 49        | 12.38   | 12.63   | 12.72   | 13.5    |
|           |            | 25      | 0         | 12.51   | 12.54   | 12.65   | 13.5    |
|           |            | 25      | 13        | 12.53   | 12.55   | 12.77   | 13.5    |
|           |            | 25      | 25        | 12.59   | 12.53   | 12.65   | 13.5    |
|           |            | 50      | 0         | 12.52   | 12.52   | 12.65   | 13.5    |
|           | 16QAM      | 1       | 0         | 12.65   | 12.63   | 12.97   | 13.5    |
|           |            | 1       | 25        | 12.58   | 12.33   | 13.08   | 13.5    |
|           |            | 1       | 49        | 12.5    | 12.76   | 12.93   | 13.5    |
|           |            | 25      | 0         | 12.47   | 12.43   | 12.71   | 13.5    |
|           |            | 25      | 13        | 12.29   | 12.47   | 12.7    | 13.5    |
|           |            | 25      | 25        | 12.56   | 12.48   | 12.71   | 13.5    |
|           |            | 50      | 0         | 12.42   | 12.45   | 12.5    | 13.5    |
|           | 64QAM      | 1       | 0         | 12.32   | 12.2    | 12.05   | 13.5    |
|           |            | 1       | 25        | 11.37   | 11.22   | 11.16   | 13.5    |
|           |            | 1       | 49        | 11.89   | 12.14   | 12.04   | 13.5    |
|           |            | 25      | 0         | 11.89   | 11.86   | 11.6    | 13.5    |
|           |            | 25      | 13        | 11.87   | 11.9    | 11.73   | 13.5    |
|           |            | 25      | 25        | 11.9    | 11.78   | 11.59   | 13.5    |
|           |            | 50      | 0         | 11.91   | 11.77   | 11.77   | 13.5    |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 37825   | 38000   | 38175   |         |
| 15MHz     | QPSK       | 1       | 0         | 12.5    | 12.51   | 12.59   | 13.5    |
|           |            | 1       | 38        | 12.55   | 12.54   | 12.76   | 13.5    |
|           |            | 1       | 74        | 12.59   | 12.52   | 12.66   | 13.5    |
|           |            | 36      | 0         | 12.53   | 12.56   | 12.7    | 13.5    |
|           |            | 36      | 18        | 12.6    | 12.62   | 12.73   | 13.5    |
|           |            | 36      | 39        | 12.57   | 12.67   | 12.81   | 13.5    |
|           |            | 75      | 0         | 12.52   | 12.66   | 12.7    | 13.5    |
|           | 16QAM      | 1       | 0         | 12.57   | 12.86   | 12.81   | 13.5    |
|           |            | 1       | 38        | 12.67   | 13.06   | 12.78   | 13.5    |
|           |            | 1       | 74        | 12.35   | 12.68   | 12.92   | 13.5    |
|           |            | 36      | 0         | 12.56   | 12.46   | 12.67   | 13.5    |
|           |            | 36      | 18        | 12.53   | 12.61   | 12.57   | 13.5    |
|           |            | 36      | 39        | 12.49   | 12.55   | 12.73   | 13.5    |
|           |            | 75      | 0         | 12.45   | 12.56   | 12.6    | 13.5    |
|           | 64QAM      | 1       | 0         | 12.3    | 12.19   | 12.11   | 13.5    |
|           |            | 1       | 38        | 11.3    | 11.21   | 11.13   | 13.5    |
|           |            | 1       | 74        | 11.81   | 12.15   | 11.95   | 13.5    |
|           |            | 36      | 0         | 11.88   | 11.9    | 11.6    | 13.5    |
|           |            | 36      | 18        | 11.88   | 11.87   | 11.74   | 13.5    |
|           |            | 36      | 39        | 11.93   | 11.8    | 11.54   | 13.5    |
|           |            | 75      | 0         | 11.89   | 11.82   | 11.8    | 13.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 37850   | 38000   | 38150   |         |
| 20MHz     | QPSK       | 1       | 0         | 12.59   | 12.67   | 12.53   | 13.5    |
|           |            | 1       | 50        | 12.54   | 13.01   | 12.8    | 13.5    |
|           |            | 1       | 99        | 12.63   | 12.78   | 12.94   | 13.5    |
|           |            | 50      | 0         | 12.5    | 12.66   | 12.68   | 13.5    |
|           |            | 50      | 25        | 12.6    | 12.64   | 12.7    | 13.5    |
|           |            | 50      | 50        | 12.6    | 12.65   | 12.77   | 13.5    |
|           |            | 100     | 0         | 12.6    | 12.58   | 12.71   | 13.5    |
|           | 16QAM      | 1       | 0         | 12.86   | 12.97   | 12.89   | 13.5    |
|           |            | 1       | 50        | 13.04   | 12.43   | 12.67   | 13.5    |
|           |            | 1       | 99        | 12.76   | 12.58   | 12.88   | 13.5    |
|           |            | 50      | 0         | 12.41   | 12.42   | 12.56   | 13.5    |
|           |            | 50      | 25        | 12.36   | 12.51   | 12.55   | 13.5    |
|           |            | 50      | 50        | 12.51   | 12.59   | 12.71   | 13.5    |
|           |            | 100     | 0         | 12.55   | 12.49   | 12.62   | 13.5    |
|           | 64QAM      | 1       | 0         | 12.22   | 12.37   | 12.12   | 13.5    |
|           |            | 1       | 50        | 11.35   | 11.25   | 11.14   | 13.5    |
|           |            | 1       | 99        | 11.83   | 12.08   | 12.02   | 13.5    |
|           |            | 50      | 0         | 11.94   | 11.84   | 11.64   | 13.5    |
|           |            | 50      | 25        | 11.85   | 11.81   | 11.7    | 13.5    |
|           |            | 50      | 50        | 11.95   | 11.79   | 11.58   | 13.5    |
|           |            | 100     | 0         | 11.87   | 11.83   | 11.87   | 13.5    |

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| LTE Band 38 Receiver off ( body or limbs ) +<br>WiFi2.4G Ant1 + WiFi5G Ant2 |            |            |              | Conducted Power(dBm) |         |         |         |
|-----------------------------------------------------------------------------|------------|------------|--------------|----------------------|---------|---------|---------|
| Bandwidth                                                                   | Modulation | RB<br>size | RB<br>offset | Channel              | Channel | Channel | Tune up |
|                                                                             |            |            |              | 37775                | 38000   | 38225   |         |
| 5MHz                                                                        | QPSK       | 1          | 0            | 15.51                | 15.49   | 15.79   | 16.5    |
|                                                                             |            | 1          | 13           | 15.49                | 15.54   | 15.7    | 16.5    |
|                                                                             |            | 1          | 24           | 15.42                | 15.48   | 15.71   | 16.5    |
|                                                                             |            | 12         | 0            | 15.5                 | 15.56   | 15.78   | 16.5    |
|                                                                             |            | 12         | 6            | 15.6                 | 15.45   | 15.68   | 16.5    |
|                                                                             |            | 12         | 13           | 15.52                | 15.53   | 15.74   | 16.5    |
|                                                                             |            | 25         | 0            | 15.54                | 15.4    | 15.67   | 16.5    |
|                                                                             | 16QAM      | 1          | 0            | 15.58                | 15.63   | 15.77   | 16.5    |
|                                                                             |            | 1          | 13           | 15.59                | 15.87   | 15.61   | 16.5    |
|                                                                             |            | 1          | 24           | 15.5                 | 15.8    | 15.66   | 16.5    |
|                                                                             |            | 12         | 0            | 15.45                | 15.42   | 15.69   | 16.5    |
|                                                                             |            | 12         | 6            | 15.34                | 15.52   | 15.49   | 16.5    |
|                                                                             |            | 12         | 13           | 15.39                | 15.51   | 15.74   | 16.5    |
|                                                                             |            | 25         | 0            | 15.56                | 15.48   | 15.62   | 16.5    |
|                                                                             | 64QAM      | 1          | 0            | 15.26                | 15.31   | 15.21   | 16.5    |
|                                                                             |            | 1          | 13           | 15.13                | 14.12   | 15.07   | 16.5    |
|                                                                             |            | 1          | 24           | 15.15                | 15.22   | 15.29   | 16.5    |
|                                                                             |            | 12         | 0            | 15.28                | 15.3    | 15.23   | 16.5    |
|                                                                             |            | 12         | 6            | 15.14                | 15.08   | 15.07   | 16.5    |
|                                                                             |            | 12         | 13           | 15.19                | 15.17   | 14.98   | 16.5    |
|                                                                             |            | 25         | 0            | 15.2                 | 15.19   | 15.17   | 16.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 37800   | 38000   | 38200   |         |
| 10MHz     | QPSK       | 1       | 0         | 15.44   | 15.43   | 15.69   | 16.5    |
|           |            | 1       | 25        | 15.25   | 15.72   | 15.93   | 16.5    |
|           |            | 1       | 49        | 15.42   | 15.55   | 15.6    | 16.5    |
|           |            | 25      | 0         | 15.4    | 15.5    | 15.63   | 16.5    |
|           |            | 25      | 13        | 15.49   | 15.56   | 15.77   | 16.5    |
|           |            | 25      | 25        | 15.54   | 15.49   | 15.79   | 16.5    |
|           |            | 50      | 0         | 15.48   | 15.47   | 15.77   | 16.5    |
|           | 16QAM      | 1       | 0         | 15.45   | 15.34   | 15.64   | 16.5    |
|           |            | 1       | 25        | 15.12   | 15.61   | 15.74   | 16.5    |
|           |            | 1       | 49        | 15.39   | 15.37   | 15.57   | 16.5    |
|           |            | 25      | 0         | 15.42   | 15.5    | 15.53   | 16.5    |
|           |            | 25      | 13        | 15.53   | 15.52   | 15.52   | 16.5    |
|           |            | 25      | 25        | 15.49   | 15.43   | 15.64   | 16.5    |
|           |            | 50      | 0         | 15.41   | 15.38   | 15.56   | 16.5    |
|           | 64QAM      | 1       | 0         | 15.31   | 15.34   | 15.19   | 16.5    |
|           |            | 1       | 25        | 15.12   | 14.23   | 15.03   | 16.5    |
|           |            | 1       | 49        | 15.1    | 15.18   | 15.29   | 16.5    |
|           |            | 25      | 0         | 15.32   | 15.35   | 15.27   | 16.5    |
|           |            | 25      | 13        | 15.07   | 15.06   | 15.01   | 16.5    |
|           |            | 25      | 25        | 15.19   | 15.16   | 14.98   | 16.5    |
|           |            | 50      | 0         | 15.16   | 15.15   | 15.11   | 16.5    |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 37825   | 38000   | 38175   |         |
| 15MHz     | QPSK       | 1       | 0         | 15.42   | 15.44   | 15.48   | 16.5    |
|           |            | 1       | 38        | 15.45   | 15.43   | 15.66   | 16.5    |
|           |            | 1       | 74        | 15.45   | 15.52   | 15.7    | 16.5    |
|           |            | 36      | 0         | 15.46   | 15.57   | 15.7    | 16.5    |
|           |            | 36      | 18        | 15.47   | 15.53   | 15.6    | 16.5    |
|           |            | 36      | 39        | 15.48   | 15.51   | 15.71   | 16.5    |
|           |            | 75      | 0         | 15.52   | 15.51   | 15.67   | 16.5    |
|           | 16QAM      | 1       | 0         | 15.52   | 15.46   | 15.65   | 16.5    |
|           |            | 1       | 38        | 15.71   | 15.61   | 15.74   | 16.5    |
|           |            | 1       | 74        | 15.41   | 15.62   | 15.66   | 16.5    |
|           |            | 36      | 0         | 15.34   | 15.37   | 15.61   | 16.5    |
|           |            | 36      | 18        | 15.5    | 15.48   | 15.53   | 16.5    |
|           |            | 36      | 39        | 15.38   | 15.52   | 15.69   | 16.5    |
|           |            | 75      | 0         | 15.46   | 15.46   | 15.51   | 16.5    |
|           | 64QAM      | 1       | 0         | 15.28   | 15.32   | 15.24   | 16.5    |
|           |            | 1       | 38        | 15.08   | 14.13   | 15.03   | 16.5    |
|           |            | 1       | 74        | 15.19   | 15.17   | 15.2    | 16.5    |
|           |            | 36      | 0         | 15.33   | 15.24   | 15.27   | 16.5    |
|           |            | 36      | 18        | 15.11   | 15.07   | 15.02   | 16.5    |
|           |            | 36      | 39        | 15.21   | 15.06   | 14.99   | 16.5    |
|           |            | 75      | 0         | 15.19   | 15.27   | 15.21   | 16.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 37850   | 38000   | 38150   |         |
| 20MHz     | QPSK       | 1       | 0         | 15.5    | 15.58   | 15.58   | 16.5    |
|           |            | 1       | 50        | 15.07   | 14.65   | 15.65   | 16.5    |
|           |            | 1       | 99        | 15.48   | 15.66   | 15.83   | 16.5    |
|           |            | 50      | 0         | 15.36   | 15.56   | 15.55   | 16.5    |
|           |            | 50      | 25        | 15.53   | 15.51   | 15.6    | 16.5    |
|           |            | 50      | 50        | 15.53   | 15.55   | 15.65   | 16.5    |
|           |            | 100     | 0         | 15.48   | 15.49   | 15.59   | 16.5    |
|           | 16QAM      | 1       | 0         | 15.61   | 15.45   | 15.76   | 16.5    |
|           |            | 1       | 50        | 15.78   | 15.91   | 15.47   | 16.5    |
|           |            | 1       | 99        | 15.63   | 15.88   | 16.22   | 16.5    |
|           |            | 50      | 0         | 15.29   | 15.44   | 15.61   | 16.5    |
|           |            | 50      | 25        | 15.37   | 15.44   | 15.54   | 16.5    |
|           |            | 50      | 50        | 15.47   | 15.59   | 15.7    | 16.5    |
|           |            | 100     | 0         | 15.44   | 15.45   | 15.6    | 16.5    |
|           | 64QAM      | 1       | 0         | 15.33   | 15.37   | 15.26   | 16.5    |
|           |            | 1       | 50        | 15.16   | 14.23   | 15.14   | 16.5    |
|           |            | 1       | 99        | 15.22   | 15.29   | 15.31   | 16.5    |
|           |            | 50      | 0         | 15.38   | 15.36   | 15.3    | 16.5    |
|           |            | 50      | 25        | 15.17   | 15.15   | 15.11   | 16.5    |
|           |            | 50      | 50        | 15.21   | 15.18   | 15.09   | 16.5    |
|           |            | 100     | 0         | 15.25   | 15.27   | 15.22   | 16.5    |

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| LTE Band 40 Receiver on(Left head) |            |         |           | Conducted Power(dBm) |         |         |         |
|------------------------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth                          | Modulation | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                                    |            |         |           | 38675                | 39150   | 39625   |         |
| 5MHz                               | QPSK       | 1       | 0         | 19.01                | 18.94   | 18.91   | 19.5    |
|                                    |            | 1       | 13        | 18.98                | 18.93   | 18.81   | 19.5    |
|                                    |            | 1       | 24        | 18.9                 | 18.93   | 18.7    | 19.5    |
|                                    |            | 12      | 0         | 19.01                | 19.02   | 18.93   | 19.5    |
|                                    |            | 12      | 6         | 18.92                | 18.95   | 18.78   | 19.5    |
|                                    |            | 12      | 13        | 18.93                | 18.97   | 18.86   | 19.5    |
|                                    |            | 25      | 0         | 19                   | 18.97   | 18.85   | 19.5    |
|                                    | 16QAM      | 1       | 0         | 19.08                | 19.04   | 19.02   | 19.5    |
|                                    |            | 1       | 13        | 19.05                | 19.06   | 18.89   | 19.5    |
|                                    |            | 1       | 24        | 19.03                | 19.02   | 18.87   | 19.5    |
|                                    |            | 12      | 0         | 18.89                | 18.88   | 18.83   | 19.5    |
|                                    |            | 12      | 6         | 18.8                 | 18.81   | 18.73   | 19.5    |
|                                    |            | 12      | 13        | 18.83                | 18.9    | 18.79   | 19.5    |
|                                    |            | 25      | 0         | 18.93                | 18.87   | 18.77   | 19.5    |
|                                    | 64QAM      | 1       | 0         | 18.66                | 18.76   | 18.81   | 19.5    |
|                                    |            | 1       | 13        | 18.27                | 18.22   | 18.19   | 19.5    |
|                                    |            | 1       | 24        | 18.51                | 18.68   | 18.61   | 19.5    |
|                                    |            | 12      | 0         | 18.5                 | 18.75   | 18.79   | 19.5    |
|                                    |            | 12      | 6         | 18.18                | 18.32   | 18.21   | 19.5    |
|                                    |            | 12      | 13        | 18.4                 | 18.77   | 18.57   | 19.5    |
|                                    |            | 25      | 0         | 18.49                | 18.71   | 18.69   | 19.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38700   | 39150   | 39600   |         |
| 10MHz     | QPSK       | 1       | 0         | 18.93   | 18.87   | 18.84   | 19.5    |
|           |            | 1       | 25        | 18.84   | 18.8    | 18.75   | 19.5    |
|           |            | 1       | 49        | 18.84   | 18.81   | 18.68   | 19.5    |
|           |            | 25      | 0         | 18.91   | 18.91   | 18.88   | 19.5    |
|           |            | 25      | 13        | 18.85   | 18.85   | 18.84   | 19.5    |
|           |            | 25      | 25        | 18.87   | 18.88   | 18.84   | 19.5    |
|           |            | 50      | 0         | 18.86   | 18.93   | 18.83   | 19.5    |
|           | 16QAM      | 1       | 0         | 19.02   | 19.03   | 19.11   | 19.5    |
|           |            | 1       | 25        | 18.95   | 18.94   | 18.66   | 19.5    |
|           |            | 1       | 49        | 18.91   | 18.93   | 18.91   | 19.5    |
|           |            | 25      | 0         | 18.8    | 18.86   | 18.82   | 19.5    |
|           |            | 25      | 13        | 18.81   | 18.87   | 18.84   | 19.5    |
|           |            | 25      | 25        | 18.81   | 18.85   | 18.77   | 19.5    |
|           |            | 50      | 0         | 18.81   | 18.86   | 18.78   | 19.5    |
|           | 64QAM      | 1       | 0         | 18.64   | 18.85   | 18.86   | 19.5    |
|           |            | 1       | 25        | 18.25   | 18.14   | 18.13   | 19.5    |
|           |            | 1       | 49        | 18.49   | 18.74   | 18.67   | 19.5    |
|           |            | 25      | 0         | 18.53   | 18.77   | 18.84   | 19.5    |
|           |            | 25      | 13        | 18.22   | 18.36   | 18.25   | 19.5    |
|           |            | 25      | 25        | 18.37   | 18.71   | 18.56   | 19.5    |
|           |            | 50      | 0         | 18.46   | 18.74   | 18.67   | 19.5    |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 38725   | 39150   | 39575   |         |
| 15MHz     | QPSK       | 1       | 0         | 18.93   | 18.9    | 18.79   | 19.5    |
|           |            | 1       | 38        | 18.86   | 18.85   | 18.8    | 19.5    |
|           |            | 1       | 74        | 18.72   | 18.72   | 18.61   | 19.5    |
|           |            | 36      | 0         | 18.93   | 18.91   | 18.89   | 19.5    |
|           |            | 36      | 18        | 18.81   | 18.84   | 18.76   | 19.5    |
|           |            | 36      | 39        | 18.79   | 18.79   | 18.76   | 19.5    |
|           |            | 75      | 0         | 18.86   | 18.84   | 18.81   | 19.5    |
|           | 16QAM      | 1       | 0         | 19.08   | 18.93   | 18.96   | 19.5    |
|           |            | 1       | 38        | 19.02   | 18.89   | 18.84   | 19.5    |
|           |            | 1       | 74        | 18.92   | 18.83   | 18.67   | 19.5    |
|           |            | 36      | 0         | 18.85   | 18.88   | 18.82   | 19.5    |
|           |            | 36      | 18        | 18.77   | 18.78   | 18.73   | 19.5    |
|           |            | 36      | 39        | 18.71   | 18.75   | 18.71   | 19.5    |
|           |            | 75      | 0         | 18.78   | 18.74   | 18.7    | 19.5    |
|           | 64QAM      | 1       | 0         | 18.58   | 18.85   | 18.82   | 19.5    |
|           |            | 1       | 38        | 18.25   | 18.2    | 18.11   | 19.5    |
|           |            | 1       | 74        | 18.52   | 18.65   | 18.64   | 19.5    |
|           |            | 36      | 0         | 18.49   | 18.73   | 18.78   | 19.5    |
|           |            | 36      | 18        | 18.23   | 18.34   | 18.25   | 19.5    |
|           |            | 36      | 39        | 18.43   | 18.78   | 18.51   | 19.5    |
|           |            | 75      | 0         | 18.52   | 18.71   | 18.7    | 19.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38750   | 39150   | 39550   |         |
| 20MHz     | QPSK       | 1       | 0         | 19.05   | 19.1    | 18.88   | 19.5    |
|           |            | 1       | 50        | 18.31   | 18.43   | 18.42   | 19.5    |
|           |            | 1       | 99        | 18.83   | 18.8    | 18.69   | 19.5    |
|           |            | 50      | 0         | 18.89   | 18.85   | 18.87   | 19.5    |
|           |            | 50      | 25        | 18.77   | 18.79   | 18.79   | 19.5    |
|           |            | 50      | 50        | 18.75   | 18.78   | 18.73   | 19.5    |
|           |            | 100     | 0         | 18.84   | 18.83   | 18.76   | 19.5    |
|           | 16QAM      | 1       | 0         | 19.13   | 19.18   | 19.09   | 19.5    |
|           |            | 1       | 50        | 18.75   | 18.75   | 18.71   | 19.5    |
|           |            | 1       | 99        | 18.89   | 19.03   | 18.83   | 19.5    |
|           |            | 50      | 0         | 18.81   | 18.77   | 18.8    | 19.5    |
|           |            | 50      | 25        | 18.7    | 18.73   | 18.67   | 19.5    |
|           |            | 50      | 50        | 18.68   | 18.66   | 18.66   | 19.5    |
|           |            | 100     | 0         | 18.77   | 18.78   | 18.7    | 19.5    |
|           | 64QAM      | 1       | 0         | 18.63   | 18.8    | 18.83   | 19.5    |
|           |            | 1       | 50        | 18.22   | 18.17   | 18.18   | 19.5    |
|           |            | 1       | 99        | 18.46   | 18.65   | 18.58   | 19.5    |
|           |            | 50      | 0         | 18.51   | 18.76   | 18.78   | 19.5    |
|           |            | 50      | 25        | 18.2    | 18.39   | 18.28   | 19.5    |
|           |            | 50      | 50        | 18.41   | 18.78   | 18.56   | 19.5    |
|           |            | 100     | 0         | 18.49   | 18.72   | 18.68   | 19.5    |

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| LTE Band 40 Receiver on(Right head) |            |         |           | Conducted Power(dBm) |         |         |         |
|-------------------------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth                           | Modulation | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                                     |            |         |           | 38675                | 39150   | 39625   |         |
| 5MHz                                | QPSK       | 1       | 0         | 18.58                | 18.52   | 18.51   | 19      |
|                                     |            | 1       | 13        | 18.55                | 18.53   | 18.43   | 19      |
|                                     |            | 1       | 24        | 18.47                | 18.5    | 18.32   | 19      |
|                                     |            | 12      | 0         | 18.58                | 18.65   | 18.56   | 19      |
|                                     |            | 12      | 6         | 18.52                | 18.55   | 18.33   | 19      |
|                                     |            | 12      | 13        | 18.52                | 18.55   | 18.46   | 19      |
|                                     |            | 25      | 0         | 18.56                | 18.54   | 18.45   | 19      |
|                                     | 16QAM      | 1       | 0         | 18.71                | 18.74   | 18.7    | 19      |
|                                     |            | 1       | 13        | 18.66                | 18.63   | 18.67   | 19      |
|                                     |            | 1       | 24        | 18.65                | 18.61   | 18.52   | 19      |
|                                     |            | 12      | 0         | 18.45                | 18.53   | 18.38   | 19      |
|                                     |            | 12      | 6         | 18.46                | 18.41   | 18.29   | 19      |
|                                     |            | 12      | 13        | 18.48                | 18.45   | 18.26   | 19      |
|                                     |            | 25      | 0         | 18.49                | 18.51   | 18.35   | 19      |
|                                     | 64QAM      | 1       | 0         | 18.27                | 18.46   | 18.48   | 19      |
|                                     |            | 1       | 13        | 17.88                | 17.83   | 17.8    | 19      |
|                                     |            | 1       | 24        | 18.15                | 18.35   | 18.28   | 19      |
|                                     |            | 12      | 0         | 18.14                | 18.37   | 18.46   | 19      |
|                                     |            | 12      | 6         | 17.88                | 18      | 17.88   | 19      |
|                                     |            | 12      | 13        | 18.05                | 18.38   | 18.18   | 19      |
|                                     |            | 25      | 0         | 18.14                | 18.4    | 18.35   | 19      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38700   | 39150   | 39600   |         |
| 10MHz     | QPSK       | 1       | 0         | 18.56   | 18.53   | 18.5    | 19      |
|           |            | 1       | 25        | 18.57   | 18.56   | 18.46   | 19      |
|           |            | 1       | 49        | 18.49   | 18.43   | 18.3    | 19      |
|           |            | 25      | 0         | 18.55   | 18.56   | 18.5    | 19      |
|           |            | 25      | 13        | 18.49   | 18.53   | 18.48   | 19      |
|           |            | 25      | 25        | 18.52   | 18.52   | 18.48   | 19      |
|           |            | 50      | 0         | 18.55   | 18.58   | 18.49   | 19      |
|           | 16QAM      | 1       | 0         | 18.86   | 18.77   | 18.54   | 19      |
|           |            | 1       | 25        | 18.73   | 18.64   | 18.39   | 19      |
|           |            | 1       | 49        | 18.7    | 18.66   | 18.38   | 19      |
|           |            | 25      | 0         | 18.49   | 18.52   | 18.48   | 19      |
|           |            | 25      | 13        | 18.43   | 18.45   | 18.47   | 19      |
|           |            | 25      | 25        | 18.46   | 18.45   | 18.41   | 19      |
|           |            | 50      | 0         | 18.48   | 18.51   | 18.37   | 19      |
|           | 64QAM      | 1       | 0         | 18.22   | 18.45   | 18.46   | 19      |
|           |            | 1       | 25        | 17.86   | 17.9    | 17.78   | 19      |
|           |            | 1       | 49        | 18.08   | 18.39   | 18.28   | 19      |
|           |            | 25      | 0         | 18.18   | 18.36   | 18.38   | 19      |
|           |            | 25      | 13        | 17.9    | 17.99   | 17.88   | 19      |
|           |            | 25      | 25        | 18.09   | 18.3    | 18.24   | 19      |
|           |            | 50      | 0         | 18.1    | 18.41   | 18.34   | 19      |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 38725   | 39150   | 39575   |         |
| 15MHz     | QPSK       | 1       | 0         | 18.6    | 18.56   | 18.54   | 19      |
|           |            | 1       | 38        | 18.5    | 18.51   | 18.51   | 19      |
|           |            | 1       | 74        | 18.42   | 18.42   | 18.31   | 19      |
|           |            | 36      | 0         | 18.6    | 18.63   | 18.57   | 19      |
|           |            | 36      | 18        | 18.51   | 18.52   | 18.49   | 19      |
|           |            | 36      | 39        | 18.49   | 18.56   | 18.43   | 19      |
|           |            | 75      | 0         | 18.46   | 18.54   | 18.51   | 19      |
|           | 16QAM      | 1       | 0         | 18.71   | 18.76   | 18.6    | 19      |
|           |            | 1       | 38        | 18.63   | 18.67   | 18.43   | 19      |
|           |            | 1       | 74        | 18.54   | 18.57   | 18.43   | 19      |
|           |            | 36      | 0         | 18.51   | 18.55   | 18.51   | 19      |
|           |            | 36      | 18        | 18.41   | 18.5    | 18.41   | 19      |
|           |            | 36      | 39        | 18.4    | 18.42   | 18.36   | 19      |
|           |            | 75      | 0         | 18.4    | 18.43   | 18.37   | 19      |
|           | 64QAM      | 1       | 0         | 18.22   | 18.46   | 18.53   | 19      |
|           |            | 1       | 38        | 17.81   | 17.93   | 17.76   | 19      |
|           |            | 1       | 74        | 18.15   | 18.34   | 18.3    | 19      |
|           |            | 36      | 0         | 18.12   | 18.44   | 18.42   | 19      |
|           |            | 36      | 18        | 17.89   | 18.08   | 17.87   | 19      |
|           |            | 36      | 39        | 18.05   | 18.38   | 18.27   | 19      |
|           |            | 75      | 0         | 18.14   | 18.44   | 18.44   | 19      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38750   | 39150   | 39550   |         |
| 20MHz     | QPSK       | 1       | 0         | 18.68   | 18.7    | 18.5    | 19      |
|           |            | 1       | 50        | 18.23   | 18.4    | 18.33   | 19      |
|           |            | 1       | 99        | 18.46   | 18.46   | 18.31   | 19      |
|           |            | 50      | 0         | 18.59   | 18.59   | 18.53   | 19      |
|           |            | 50      | 25        | 18.48   | 18.5    | 18.47   | 19      |
|           |            | 50      | 50        | 18.45   | 18.46   | 18.46   | 19      |
|           |            | 100     | 0         | 18.54   | 18.54   | 18.48   | 19      |
|           | 16QAM      | 1       | 0         | 18.86   | 18.84   | 18.73   | 19      |
|           |            | 1       | 50        | 18.88   | 18.49   | 18.5    | 19      |
|           |            | 1       | 99        | 18.66   | 18.58   | 18.44   | 19      |
|           |            | 50      | 0         | 18.52   | 18.57   | 18.51   | 19      |
|           |            | 50      | 25        | 18.4    | 18.43   | 18.38   | 19      |
|           |            | 50      | 50        | 18.42   | 18.37   | 18.39   | 19      |
|           |            | 100     | 0         | 18.48   | 18.47   | 18.43   | 19      |
|           | 64QAM      | 1       | 0         | 18.34   | 18.58   | 18.58   | 19      |
|           |            | 1       | 50        | 17.89   | 17.94   | 17.86   | 19      |
|           |            | 1       | 99        | 18.2    | 18.41   | 18.38   | 19      |
|           |            | 50      | 0         | 18.21   | 18.48   | 18.47   | 19      |
|           |            | 50      | 25        | 17.96   | 18.11   | 17.92   | 19      |
|           |            | 50      | 50        | 18.17   | 18.39   | 18.29   | 19      |
|           |            | 100     | 0         | 18.19   | 18.46   | 18.46   | 19      |

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| LTE Band 40 Receiver off ( body or limbs ) |            |         |           | Conducted Power(dBm) |         |         |         |
|--------------------------------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth                                  | Modulation | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                                            |            |         |           | 38675                | 39150   | 39625   |         |
| 5MHz                                       | QPSK       | 1       | 0         | 21.43                | 21.46   | 21.35   | 22      |
|                                            |            | 1       | 13        | 21.44                | 21.43   | 21.24   | 22      |
|                                            |            | 1       | 24        | 21.38                | 21.44   | 21.31   | 22      |
|                                            |            | 12      | 0         | 21.49                | 21.49   | 21.48   | 22      |
|                                            |            | 12      | 6         | 21.53                | 21.58   | 21.35   | 22      |
|                                            |            | 12      | 13        | 21.52                | 21.59   | 21.45   | 22      |
|                                            |            | 25      | 0         | 21.47                | 21.49   | 21.49   | 22      |
|                                            | 16QAM      | 1       | 0         | 21.48                | 21.38   | 21.37   | 22      |
|                                            |            | 1       | 13        | 21.4                 | 21.4    | 21.31   | 22      |
|                                            |            | 1       | 24        | 21.32                | 21.36   | 21.2    | 22      |
|                                            |            | 12      | 0         | 21.6                 | 21.54   | 21.53   | 22      |
|                                            |            | 12      | 6         | 21.27                | 21.37   | 21.38   | 22      |
|                                            |            | 12      | 13        | 21.43                | 21.37   | 21.47   | 22      |
|                                            |            | 25      | 0         | 21.38                | 21.45   | 21.45   | 22      |
|                                            | 64QAM      | 1       | 0         | 21.43                | 21.55   | 21.51   | 22      |
|                                            |            | 1       | 13        | 20.35                | 20.61   | 20.65   | 22      |
|                                            |            | 1       | 24        | 21.2                 | 21.45   | 21.39   | 22      |
|                                            |            | 12      | 0         | 20.15                | 20.18   | 20.25   | 21      |
|                                            |            | 12      | 6         | 20.07                | 20.08   | 20.21   | 21      |
|                                            |            | 12      | 13        | 19.98                | 20.16   | 20.16   | 21      |
|                                            |            | 25      | 0         | 20.02                | 20.24   | 20.2    | 21      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38700   | 39150   | 39600   |         |
| 10MHz     | QPSK       | 1       | 0         | 21.38   | 21.54   | 21.49   | 22      |
|           |            | 1       | 25        | 21.35   | 21.22   | 21.61   | 22      |
|           |            | 1       | 49        | 21.37   | 21.39   | 21.24   | 22      |
|           |            | 25      | 0         | 21.55   | 21.58   | 21.47   | 22      |
|           |            | 25      | 13        | 21.33   | 21.47   | 21.51   | 22      |
|           |            | 25      | 25        | 21.41   | 21.5    | 21.52   | 22      |
|           |            | 50      | 0         | 21.46   | 21.56   | 21.35   | 22      |
|           | 16QAM      | 1       | 0         | 21.52   | 21.62   | 21.31   | 22      |
|           |            | 1       | 25        | 21.02   | 21.72   | 21.59   | 22      |
|           |            | 1       | 49        | 21.46   | 21.38   | 21.21   | 22      |
|           |            | 25      | 0         | 21.49   | 21.49   | 21.46   | 22      |
|           |            | 25      | 13        | 21.37   | 21.49   | 21.52   | 22      |
|           |            | 25      | 25        | 21.46   | 21.43   | 21.44   | 22      |
|           |            | 50      | 0         | 21.37   | 21.36   | 21.32   | 22      |
|           | 64QAM      | 1       | 0         | 21.3    | 21.48   | 21.56   | 22      |
|           |            | 1       | 25        | 20.38   | 20.55   | 20.58   | 22      |
|           |            | 1       | 49        | 21.15   | 21.35   | 21.34   | 22      |
|           |            | 25      | 0         | 20.13   | 20.18   | 20.23   | 21      |
|           |            | 25      | 13        | 20.04   | 20.21   | 20.3    | 21      |
|           |            | 25      | 25        | 19.92   | 20.21   | 20.24   | 21      |
|           |            | 50      | 0         | 20.11   | 20.24   | 20.17   | 21      |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 38725   | 39150   | 39575   |         |
| 15MHz     | QPSK       | 1       | 0         | 21.54   | 21.5    | 21.37   | 22      |
|           |            | 1       | 38        | 21.51   | 21.43   | 21.43   | 22      |
|           |            | 1       | 74        | 21.33   | 21.37   | 21.25   | 22      |
|           |            | 36      | 0         | 21.52   | 21.6    | 21.46   | 22      |
|           |            | 36      | 18        | 21.44   | 21.51   | 21.53   | 22      |
|           |            | 36      | 39        | 21.52   | 21.45   | 21.48   | 22      |
|           |            | 75      | 0         | 21.53   | 21.48   | 21.58   | 22      |
|           | 16QAM      | 1       | 0         | 21.52   | 21.37   | 21.73   | 22      |
|           |            | 1       | 38        | 21.51   | 21.39   | 21.39   | 22      |
|           |            | 1       | 74        | 21.5    | 21.35   | 21.28   | 22      |
|           |            | 36      | 0         | 21.44   | 21.53   | 21.58   | 22      |
|           |            | 36      | 18        | 21.49   | 21.41   | 21.48   | 22      |
|           |            | 36      | 39        | 21.37   | 21.37   | 21.3    | 22      |
|           |            | 75      | 0         | 21.39   | 21.38   | 21.33   | 22      |
|           | 64QAM      | 1       | 0         | 21.32   | 21.57   | 21.57   | 22      |
|           |            | 1       | 38        | 20.28   | 20.55   | 20.64   | 22      |
|           |            | 1       | 74        | 21.15   | 21.42   | 21.28   | 22      |
|           |            | 36      | 0         | 20.08   | 20.21   | 20.24   | 21      |
|           |            | 36      | 18        | 20.05   | 20.21   | 20.16   | 21      |
|           |            | 36      | 39        | 20.01   | 20.26   | 20.15   | 21      |
|           |            | 75      | 0         | 20.12   | 20.26   | 20.17   | 21      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel      | Channel | Tune up |
|-----------|------------|---------|-----------|---------|--------------|---------|---------|
|           |            |         |           | 38750   | 39150        | 39550   |         |
| 20MHz     | QPSK       | 1       | 0         | 21.63   | <b>21.79</b> | 21.49   | 22      |
|           |            | 1       | 50        | 21.64   | 21.33        | 21.57   | 22      |
|           |            | 1       | 99        | 21.46   | 21.45        | 21.4    | 22      |
|           |            | 50      | 0         | 21.54   | <b>21.55</b> | 21.44   | 22      |
|           |            | 50      | 25        | 21.36   | 21.51        | 21.47   | 22      |
|           |            | 50      | 50        | 21.37   | 21.43        | 21.41   | 22      |
|           |            | 100     | 0         | 21.49   | <b>21.5</b>  | 21.45   | 22      |
|           | 16QAM      | 1       | 0         | 21.48   | 21.42        | 21.47   | 22      |
|           |            | 1       | 50        | 22.13   | 21.73        | 21.82   | 22      |
|           |            | 1       | 99        | 21.25   | 21.41        | 21.45   | 22      |
|           |            | 50      | 0         | 21.44   | 21.47        | 21.38   | 22      |
|           |            | 50      | 25        | 21.33   | 21.46        | 21.38   | 22      |
|           |            | 50      | 50        | 21.28   | 21.4         | 21.37   | 22      |
|           |            | 100     | 0         | 21.41   | 21.45        | 21.51   | 22      |
|           | 64QAM      | 1       | 0         | 21.46   | 21.61        | 21.61   | 22      |
|           |            | 1       | 50        | 20.41   | 20.66        | 20.66   | 22      |
|           |            | 1       | 99        | 21.23   | 21.48        | 21.42   | 22      |
|           |            | 50      | 0         | 20.18   | 20.28        | 20.31   | 21      |
|           |            | 50      | 25        | 20.08   | 20.21        | 20.32   | 21      |
|           |            | 50      | 50        | 20.03   | 20.28        | 20.26   | 21      |
|           |            | 100     | 0         | 20.14   | 20.26        | 20.28   | 21      |

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| LTE Band 40 Receiver off ( body or limbs ) + hotspot 2.4G |            |         |           | Conducted Power(dBm) |         |         |         |
|-----------------------------------------------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth                                                 | Modulation | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                                                           |            |         |           | 38675                | 39150   | 39625   |         |
| 5MHz                                                      | QPSK       | 1       | 0         | 18.32                | 18.42   | 18.42   | 19      |
|                                                           |            | 1       | 13        | 18.39                | 18.41   | 18.32   | 19      |
|                                                           |            | 1       | 24        | 18.3                 | 18.38   | 18.23   | 19      |
|                                                           |            | 12      | 0         | 18.51                | 18.47   | 18.5    | 19      |
|                                                           |            | 12      | 6         | 18.45                | 18.46   | 18.38   | 19      |
|                                                           |            | 12      | 13        | 18.55                | 18.48   | 18.4    | 19      |
|                                                           |            | 25      | 0         | 18.33                | 18.53   | 18.32   | 19      |
|                                                           | 16QAM      | 1       | 0         | 18.58                | 18.42   | 18.66   | 19      |
|                                                           |            | 1       | 13        | 18.61                | 18.44   | 18.5    | 19      |
|                                                           |            | 1       | 24        | 18.53                | 18.4    | 18.32   | 19      |
|                                                           |            | 12      | 0         | 18.51                | 18.55   | 18.45   | 19      |
|                                                           |            | 12      | 6         | 18.52                | 18.46   | 18.46   | 19      |
|                                                           |            | 12      | 13        | 18.44                | 18.37   | 18.3    | 19      |
|                                                           |            | 25      | 0         | 18.4                 | 18.44   | 18.2    | 19      |
|                                                           | 64QAM      | 1       | 0         | 18.33                | 18.58   | 18.55   | 19      |
|                                                           |            | 1       | 13        | 17.81                | 17.91   | 17.82   | 19      |
|                                                           |            | 1       | 24        | 18.2                 | 18.35   | 18.33   | 19      |
|                                                           |            | 12      | 0         | 18.14                | 18.44   | 18.43   | 19      |
|                                                           |            | 12      | 6         | 17.91                | 18.06   | 17.86   | 19      |
|                                                           |            | 12      | 13        | 18.14                | 18.33   | 18.26   | 19      |
|                                                           |            | 25      | 0         | 18.16                | 18.42   | 18.44   | 19      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38700   | 39150   | 39600   |         |
| 10MHz     | QPSK       | 1       | 0         | 18.45   | 18.52   | 18.41   | 19      |
|           |            | 1       | 25        | 18.59   | 18.35   | 18.54   | 19      |
|           |            | 1       | 49        | 18.47   | 18.46   | 18.19   | 19      |
|           |            | 25      | 0         | 18.52   | 18.51   | 18.53   | 19      |
|           |            | 25      | 13        | 18.45   | 18.3    | 18.42   | 19      |
|           |            | 25      | 25        | 18.45   | 18.51   | 18.45   | 19      |
|           |            | 50      | 0         | 18.47   | 18.57   | 18.4    | 19      |
|           | 16QAM      | 1       | 0         | 18.58   | 18.61   | 18.43   | 19      |
|           |            | 1       | 25        | 17.38   | 18.04   | 18.88   | 19      |
|           |            | 1       | 49        | 18.36   | 18.36   | 18.25   | 19      |
|           |            | 25      | 0         | 18.41   | 18.45   | 18.47   | 19      |
|           |            | 25      | 13        | 18.33   | 18.29   | 18.41   | 19      |
|           |            | 25      | 25        | 18.25   | 18.42   | 18.32   | 19      |
|           |            | 50      | 0         | 18.47   | 18.41   | 18.33   | 19      |
|           | 64QAM      | 1       | 0         | 18.26   | 18.54   | 18.49   | 19      |
|           |            | 1       | 25        | 17.86   | 17.89   | 17.78   | 19      |
|           |            | 1       | 49        | 18.13   | 18.38   | 18.32   | 19      |
|           |            | 25      | 0         | 18.14   | 18.47   | 18.41   | 19      |
|           |            | 25      | 13        | 17.94   | 18.09   | 17.85   | 19      |
|           |            | 25      | 25        | 18.16   | 18.38   | 18.23   | 19      |
|           |            | 50      | 0         | 18.15   | 18.37   | 18.38   | 19      |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 38725   | 39150   | 39575   |         |
| 15MHz     | QPSK       | 1       | 0         | 18.46   | 18.43   | 18.44   | 19      |
|           |            | 1       | 38        | 18.39   | 18.52   | 18.45   | 19      |
|           |            | 1       | 74        | 18.32   | 18.35   | 18.2    | 19      |
|           |            | 36      | 0         | 18.57   | 18.52   | 18.51   | 19      |
|           |            | 36      | 18        | 18.46   | 18.43   | 18.52   | 19      |
|           |            | 36      | 39        | 18.43   | 18.45   | 18.38   | 19      |
|           |            | 75      | 0         | 18.42   | 18.54   | 18.42   | 19      |
|           | 16QAM      | 1       | 0         | 18.45   | 18.56   | 18.26   | 19      |
|           |            | 1       | 38        | 18.24   | 18.35   | 18.32   | 19      |
|           |            | 1       | 74        | 18.23   | 18.6    | 18      | 19      |
|           |            | 36      | 0         | 18.49   | 18.49   | 18.56   | 19      |
|           |            | 36      | 18        | 18.35   | 18.4    | 18.48   | 19      |
|           |            | 36      | 39        | 18.37   | 18.36   | 18.46   | 19      |
|           |            | 75      | 0         | 18.33   | 18.48   | 18.37   | 19      |
|           | 64QAM      | 1       | 0         | 18.27   | 18.5    | 18.57   | 19      |
|           |            | 1       | 38        | 17.87   | 17.92   | 17.85   | 19      |
|           |            | 1       | 74        | 18.13   | 18.4    | 18.29   | 19      |
|           |            | 36      | 0         | 18.18   | 18.43   | 18.46   | 19      |
|           |            | 36      | 18        | 17.93   | 18.06   | 17.91   | 19      |
|           |            | 36      | 39        | 18.14   | 18.39   | 18.27   | 19      |
|           |            | 75      | 0         | 18.12   | 18.41   | 18.42   | 19      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38750   | 39150   | 39550   |         |
| 20MHz     | QPSK       | 1       | 0         | 18.68   | 18.62   | 18.67   | 19      |
|           |            | 1       | 50        | 18.61   | 18.51   | 18.29   | 19      |
|           |            | 1       | 99        | 18.51   | 18.45   | 18.41   | 19      |
|           |            | 50      | 0         | 18.54   | 18.48   | 18.49   | 19      |
|           |            | 50      | 25        | 18.47   | 18.54   | 18.41   | 19      |
|           |            | 50      | 50        | 18.36   | 18.44   | 18.39   | 19      |
|           |            | 100     | 0         | 18.4    | 18.43   | 18.51   | 19      |
|           | 16QAM      | 1       | 0         | 18.62   | 18.54   | 18.23   | 19      |
|           |            | 1       | 50        | 18.28   | 19.49   | 18.05   | 19      |
|           |            | 1       | 99        | 18.02   | 18.23   | 18.58   | 19      |
|           |            | 50      | 0         | 18.4    | 18.48   | 18.51   | 19      |
|           |            | 50      | 25        | 18.38   | 18.46   | 18.31   | 19      |
|           |            | 50      | 50        | 18.42   | 18.34   | 18.32   | 19      |
|           |            | 100     | 0         | 18.44   | 18.46   | 18.41   | 19      |
|           | 64QAM      | 1       | 0         | 18.29   | 18.5    | 18.5    | 19      |
|           |            | 1       | 50        | 17.82   | 17.93   | 17.84   | 19      |
|           |            | 1       | 99        | 18.17   | 18.37   | 18.32   | 19      |
|           |            | 50      | 0         | 18.2    | 18.45   | 18.39   | 19      |
|           |            | 50      | 25        | 17.88   | 18.02   | 17.84   | 19      |
|           |            | 50      | 50        | 18.1    | 18.32   | 18.27   | 19      |
|           |            | 100     | 0         | 18.15   | 18.41   | 18.42   | 19      |

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| LTE Band 40 Receiver off ( body or limbs ) + hotspot 5G |            |         |           | Conducted Power(dBm) |         |         |         |
|---------------------------------------------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth                                               | Modulation | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                                                         |            |         |           | 38675                | 39150   | 39625   |         |
| 5MHz                                                    | QPSK       | 1       | 0         | 16.41                | 16.45   | 16.41   | 17      |
|                                                         |            | 1       | 13        | 16.5                 | 16.48   | 16.3    | 17      |
|                                                         |            | 1       | 24        | 16.4                 | 16.42   | 16.3    | 17      |
|                                                         |            | 12      | 0         | 16.57                | 16.42   | 16.54   | 17      |
|                                                         |            | 12      | 6         | 16.49                | 16.54   | 16.4    | 17      |
|                                                         |            | 12      | 13        | 16.49                | 16.43   | 16.38   | 17      |
|                                                         |            | 25      | 0         | 16.44                | 16.47   | 16.47   | 17      |
|                                                         | 16QAM      | 1       | 0         | 16.51                | 16.61   | 16.71   | 17      |
|                                                         |            | 1       | 13        | 16.35                | 16.66   | 16.47   | 17      |
|                                                         |            | 1       | 24        | 16.26                | 16.5    | 16.52   | 17      |
|                                                         |            | 12      | 0         | 16.44                | 16.5    | 16.29   | 17      |
|                                                         |            | 12      | 6         | 16.3                 | 16.49   | 16.33   | 17      |
|                                                         |            | 12      | 13        | 16.42                | 16.55   | 16.36   | 17      |
|                                                         |            | 25      | 0         | 16.35                | 16.36   | 16.21   | 17      |
|                                                         | 64QAM      | 1       | 0         | 16.27                | 16.43   | 16.46   | 17      |
|                                                         |            | 1       | 13        | 15.8                 | 15.88   | 15.8    | 17      |
|                                                         |            | 1       | 24        | 16.06                | 16.3    | 16.23   | 17      |
|                                                         |            | 12      | 0         | 16.14                | 16.34   | 16.35   | 17      |
|                                                         |            | 12      | 6         | 15.76                | 15.99   | 15.73   | 17      |
|                                                         |            | 12      | 13        | 16.03                | 16.24   | 16.22   | 17      |
|                                                         |            | 25      | 0         | 16.12                | 16.31   | 16.31   | 17      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38700   | 39150   | 39600   |         |
| 10MHz     | QPSK       | 1       | 0         | 16.52   | 16.51   | 16.47   | 17      |
|           |            | 1       | 25        | 15.88   | 15.55   | 15.97   | 17      |
|           |            | 1       | 49        | 16.47   | 16.46   | 16.24   | 17      |
|           |            | 25      | 0         | 16.47   | 16.47   | 16.43   | 17      |
|           |            | 25      | 13        | 16.38   | 16.53   | 16.42   | 17      |
|           |            | 25      | 25        | 16.4    | 16.44   | 16.39   | 17      |
|           |            | 50      | 0         | 16.41   | 16.51   | 16.41   | 17      |
|           | 16QAM      | 1       | 0         | 16.59   | 16.54   | 16.65   | 17      |
|           |            | 1       | 25        | 16.4    | 16.35   | 16.87   | 17      |
|           |            | 1       | 49        | 16.38   | 16.49   | 16.02   | 17      |
|           |            | 25      | 0         | 16.38   | 16.38   | 16.47   | 17      |
|           |            | 25      | 13        | 16.41   | 16.48   | 16.52   | 17      |
|           |            | 25      | 25        | 16.39   | 16.33   | 16.33   | 17      |
|           |            | 50      | 0         | 16.45   | 16.46   | 16.34   | 17      |
|           | 64QAM      | 1       | 0         | 16.18   | 16.41   | 16.5    | 17      |
|           |            | 1       | 25        | 15.8    | 15.92   | 15.82   | 17      |
|           |            | 1       | 49        | 16.06   | 16.33   | 16.2    | 17      |
|           |            | 25      | 0         | 16.13   | 16.38   | 16.32   | 17      |
|           |            | 25      | 13        | 15.8    | 15.97   | 15.79   | 17      |
|           |            | 25      | 25        | 16      | 16.25   | 16.25   | 17      |
|           |            | 50      | 0         | 16.04   | 16.31   | 16.4    | 17      |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 38725   | 39150   | 39575   |         |
| 15MHz     | QPSK       | 1       | 0         | 16.45   | 16.49   | 16.38   | 17      |
|           |            | 1       | 38        | 16.49   | 16.49   | 16.48   | 17      |
|           |            | 1       | 74        | 16.32   | 16.41   | 16.17   | 17      |
|           |            | 36      | 0         | 16.43   | 16.5    | 16.47   | 17      |
|           |            | 36      | 18        | 16.47   | 16.44   | 16.47   | 17      |
|           |            | 36      | 39        | 16.4    | 16.41   | 16.42   | 17      |
|           |            | 75      | 0         | 16.4    | 16.39   | 16.5    | 17      |
|           | 16QAM      | 1       | 0         | 16.26   | 16.45   | 16.42   | 17      |
|           |            | 1       | 38        | 16.38   | 16.81   | 16.48   | 17      |
|           |            | 1       | 74        | 16.32   | 16.31   | 16.18   | 17      |
|           |            | 36      | 0         | 16.45   | 16.58   | 16.5    | 17      |
|           |            | 36      | 18        | 16.45   | 16.51   | 16.36   | 17      |
|           |            | 36      | 39        | 16.34   | 16.33   | 16.3    | 17      |
|           |            | 75      | 0         | 16.3    | 16.32   | 16.41   | 17      |
|           | 64QAM      | 1       | 0         | 16.25   | 16.41   | 16.44   | 17      |
|           |            | 1       | 38        | 15.74   | 15.86   | 15.73   | 17      |
|           |            | 1       | 74        | 16.07   | 16.26   | 16.32   | 17      |
|           |            | 36      | 0         | 16.1    | 16.36   | 16.39   | 17      |
|           |            | 36      | 18        | 15.84   | 15.92   | 15.82   | 17      |
|           |            | 36      | 39        | 16.05   | 16.29   | 16.19   | 17      |
|           |            | 75      | 0         | 16.14   | 16.29   | 16.42   | 17      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38750   | 39150   | 39550   |         |
| 20MHz     | QPSK       | 1       | 0         | 16.65   | 16.61   | 16.59   | 17      |
|           |            | 1       | 50        | 16.58   | 16.36   | 16.49   | 17      |
|           |            | 1       | 99        | 16.48   | 16.44   | 16.29   | 17      |
|           |            | 50      | 0         | 16.56   | 16.48   | 16.43   | 17      |
|           |            | 50      | 25        | 16.47   | 16.5    | 16.47   | 17      |
|           |            | 50      | 50        | 16.36   | 16.44   | 16.52   | 17      |
|           |            | 100     | 0         | 16.42   | 16.52   | 16.5    | 17      |
|           | 16QAM      | 1       | 0         | 16.43   | 16.87   | 16.47   | 17      |
|           |            | 1       | 50        | 16.13   | 15.65   | 16.45   | 17      |
|           |            | 1       | 99        | 16.32   | 16.8    | 16.22   | 17      |
|           |            | 50      | 0         | 16.41   | 16.48   | 16.4    | 17      |
|           |            | 50      | 25        | 16.4    | 16.34   | 16.35   | 17      |
|           |            | 50      | 50        | 16.37   | 16.37   | 16.28   | 17      |
|           |            | 100     | 0         | 16.33   | 16.37   | 16.42   | 17      |
|           | 64QAM      | 1       | 0         | 16.19   | 16.44   | 16.47   | 17      |
|           |            | 1       | 50        | 15.72   | 15.82   | 15.77   | 17      |
|           |            | 1       | 99        | 16.07   | 16.26   | 16.27   | 17      |
|           |            | 50      | 0         | 16.18   | 16.44   | 16.3    | 17      |
|           |            | 50      | 25        | 15.76   | 15.9    | 15.82   | 17      |
|           |            | 50      | 50        | 16      | 16.3    | 16.17   | 17      |
|           |            | 100     | 0         | 16.03   | 16.36   | 16.32   | 17      |

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| LTE Band 40 Receiver on(Left head) + hotspot 2.4G |            |         |           | Conducted Power(dBm) |         |         |         |
|---------------------------------------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth                                         | Modulation | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                                                   |            |         |           | 38675                | 39150   | 39625   |         |
| 5MHz                                              | QPSK       | 1       | 0         | 15.51                | 15.68   | 15.73   | 16.5    |
|                                                   |            | 1       | 13        | 15.56                | 15.67   | 15.64   | 16.5    |
|                                                   |            | 1       | 24        | 15.44                | 15.61   | 15.42   | 16.5    |
|                                                   |            | 12      | 0         | 15.56                | 15.64   | 15.73   | 16.5    |
|                                                   |            | 12      | 6         | 15.56                | 15.65   | 15.56   | 16.5    |
|                                                   |            | 12      | 13        | 15.56                | 15.61   | 15.61   | 16.5    |
|                                                   |            | 25      | 0         | 15.66                | 15.66   | 15.65   | 16.5    |
|                                                   | 16QAM      | 1       | 0         | 16.14                | 16.2    | 16.25   | 16.5    |
|                                                   |            | 1       | 13        | 16.08                | 16.2    | 16.16   | 16.5    |
|                                                   |            | 1       | 24        | 16.07                | 16.13   | 16.09   | 16.5    |
|                                                   |            | 12      | 0         | 15.53                | 15.6    | 15.7    | 16.5    |
|                                                   |            | 12      | 6         | 15.54                | 15.69   | 15.55   | 16.5    |
|                                                   |            | 12      | 13        | 15.52                | 15.58   | 15.59   | 16.5    |
|                                                   |            | 25      | 0         | 15.51                | 15.53   | 15.56   | 16.5    |
|                                                   | 64QAM      | 1       | 0         | 15.53                | 15.63   | 15.76   | 16.5    |
|                                                   |            | 1       | 13        | 15                   | 15.18   | 15.08   | 16.5    |
|                                                   |            | 1       | 24        | 15.29                | 15.54   | 15.51   | 16.5    |
|                                                   |            | 12      | 0         | 15.36                | 15.53   | 15.54   | 16.5    |
|                                                   |            | 12      | 6         | 14.98                | 15.26   | 14.97   | 16.5    |
|                                                   |            | 12      | 13        | 15.26                | 15.46   | 15.48   | 16.5    |
|                                                   |            | 25      | 0         | 15.33                | 15.52   | 15.51   | 16.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38700   | 39150   | 39600   |         |
| 10MHz     | QPSK       | 1       | 0         | 15.49   | 15.62   | 15.71   | 16.5    |
|           |            | 1       | 25        | 15.13   | 15.28   | 15.39   | 16.5    |
|           |            | 1       | 49        | 15.41   | 15.55   | 15.47   | 16.5    |
|           |            | 25      | 0         | 15.57   | 15.72   | 15.66   | 16.5    |
|           |            | 25      | 13        | 15.57   | 15.63   | 15.65   | 16.5    |
|           |            | 25      | 25        | 15.52   | 15.64   | 15.64   | 16.5    |
|           |            | 50      | 0         | 15.48   | 15.6    | 15.56   | 16.5    |
|           | 16QAM      | 1       | 0         | 16.13   | 16.13   | 16.19   | 16.5    |
|           |            | 1       | 25        | 15.41   | 15.63   | 15.64   | 16.5    |
|           |            | 1       | 49        | 16.04   | 16.06   | 16.15   | 16.5    |
|           |            | 25      | 0         | 15.55   | 15.68   | 15.69   | 16.5    |
|           |            | 25      | 13        | 15.51   | 15.63   | 15.67   | 16.5    |
|           |            | 25      | 25        | 15.51   | 15.59   | 15.63   | 16.5    |
|           |            | 50      | 0         | 15.38   | 15.5    | 15.58   | 16.5    |
|           | 64QAM      | 1       | 0         | 15.56   | 15.71   | 15.76   | 16.5    |
|           |            | 1       | 25        | 15.01   | 15.09   | 15.08   | 16.5    |
|           |            | 1       | 49        | 15.3    | 15.5    | 15.48   | 16.5    |
|           |            | 25      | 0         | 15.38   | 15.61   | 15.63   | 16.5    |
|           |            | 25      | 13        | 15.01   | 15.28   | 15.02   | 16.5    |
|           |            | 25      | 25        | 15.28   | 15.45   | 15.43   | 16.5    |
|           |            | 50      | 0         | 15.4    | 15.54   | 15.53   | 16.5    |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 38725   | 39150   | 39575   |         |
| 15MHz     | QPSK       | 1       | 0         | 15.53   | 15.64   | 15.63   | 16.5    |
|           |            | 1       | 38        | 15.48   | 15.56   | 15.58   | 16.5    |
|           |            | 1       | 74        | 15.32   | 15.46   | 15.4    | 16.5    |
|           |            | 36      | 0         | 15.56   | 15.73   | 15.77   | 16.5    |
|           |            | 36      | 18        | 15.54   | 15.6    | 15.67   | 16.5    |
|           |            | 36      | 39        | 15.47   | 15.62   | 15.7    | 16.5    |
|           |            | 75      | 0         | 15.5    | 15.57   | 15.72   | 16.5    |
|           | 16QAM      | 1       | 0         | 16.05   | 16.16   | 16.25   | 16.5    |
|           |            | 1       | 38        | 16.02   | 16.21   | 16.25   | 16.5    |
|           |            | 1       | 74        | 15.97   | 16      | 15.95   | 16.5    |
|           |            | 36      | 0         | 15.5    | 15.67   | 15.7    | 16.5    |
|           |            | 36      | 18        | 15.47   | 15.55   | 15.6    | 16.5    |
|           |            | 36      | 39        | 15.41   | 15.53   | 15.52   | 16.5    |
|           |            | 75      | 0         | 15.41   | 15.6    | 15.51   | 16.5    |
|           | 64QAM      | 1       | 0         | 15.53   | 15.67   | 15.73   | 16.5    |
|           |            | 1       | 38        | 15.04   | 15.11   | 15.08   | 16.5    |
|           |            | 1       | 74        | 15.28   | 15.51   | 15.49   | 16.5    |
|           |            | 36      | 0         | 15.37   | 15.61   | 15.55   | 16.5    |
|           |            | 36      | 18        | 14.97   | 15.2    | 14.97   | 16.5    |
|           |            | 36      | 39        | 15.29   | 15.48   | 15.43   | 16.5    |
|           |            | 75      | 0         | 15.37   | 15.56   | 15.6    | 16.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38750   | 39150   | 39550   |         |
| 20MHz     | QPSK       | 1       | 0         | 15.63   | 15.73   | 15.66   | 16.5    |
|           |            | 1       | 50        | 14.94   | 15.03   | 15.02   | 16.5    |
|           |            | 1       | 99        | 15.48   | 15.5    | 15.46   | 16.5    |
|           |            | 50      | 0         | 15.51   | 15.7    | 15.76   | 16.5    |
|           |            | 50      | 25        | 15.53   | 15.6    | 15.7    | 16.5    |
|           |            | 50      | 50        | 15.48   | 15.58   | 15.59   | 16.5    |
|           |            | 100     | 0         | 15.44   | 15.65   | 15.62   | 16.5    |
|           | 16QAM      | 1       | 0         | 16.13   | 16.25   | 16.17   | 16.5    |
|           |            | 1       | 50        | 15.36   | 15.41   | 15.45   | 16.5    |
|           |            | 1       | 99        | 16      | 16.02   | 16.14   | 16.5    |
|           |            | 50      | 0         | 15.52   | 15.6    | 15.64   | 16.5    |
|           |            | 50      | 25        | 15.47   | 15.5    | 15.59   | 16.5    |
|           |            | 50      | 50        | 15.38   | 15.49   | 15.5    | 16.5    |
|           |            | 100     | 0         | 15.5    | 15.58   | 15.54   | 16.5    |
|           | 64QAM      | 1       | 0         | 15.5    | 15.64   | 15.66   | 16.5    |
|           |            | 1       | 50        | 15.1    | 15.12   | 15.06   | 16.5    |
|           |            | 1       | 99        | 15.27   | 15.55   | 15.45   | 16.5    |
|           |            | 50      | 0         | 15.41   | 15.62   | 15.61   | 16.5    |
|           |            | 50      | 25        | 14.98   | 15.26   | 14.93   | 16.5    |
|           |            | 50      | 50        | 15.22   | 15.52   | 15.44   | 16.5    |
|           |            | 100     | 0         | 15.41   | 15.59   | 15.61   | 16.5    |

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| LTE Band 40 Receiver on(Right head) + hotspot<br>2.4G |            |            |              | Conducted Power(dBm) |         |         |         |
|-------------------------------------------------------|------------|------------|--------------|----------------------|---------|---------|---------|
| Bandwidth                                             | Modulation | RB<br>size | RB<br>offset | Channel              | Channel | Channel | Tune up |
|                                                       |            |            |              | 38675                | 39150   | 39625   |         |
| 5MHz                                                  | QPSK       | 1          | 0            | 15.03                | 15.07   | 15.25   | 16      |
|                                                       |            | 1          | 13           | 15.06                | 15.2    | 15.04   | 16      |
|                                                       |            | 1          | 24           | 14.95                | 15.13   | 15.05   | 16      |
|                                                       |            | 12         | 0            | 15.18                | 15.26   | 15.24   | 16      |
|                                                       |            | 12         | 6            | 15.05                | 15.15   | 15.13   | 16      |
|                                                       |            | 12         | 13           | 15.04                | 15.24   | 15.12   | 16      |
|                                                       |            | 25         | 0            | 15.03                | 15.18   | 15.17   | 16      |
|                                                       | 16QAM      | 1          | 0            | 15.31                | 15.59   | 15.6    | 16      |
|                                                       |            | 1          | 13           | 15.44                | 15.58   | 15.55   | 16      |
|                                                       |            | 1          | 24           | 15.45                | 15.27   | 15.45   | 16      |
|                                                       |            | 12         | 0            | 15.16                | 15.24   | 15.24   | 16      |
|                                                       |            | 12         | 6            | 15.17                | 15.23   | 15.22   | 16      |
|                                                       |            | 12         | 13           | 15.02                | 15.22   | 15.12   | 16      |
|                                                       |            | 25         | 0            | 14.94                | 15.09   | 15.1    | 16      |
|                                                       | 64QAM      | 1          | 0            | 14.97                | 15.11   | 15.07   | 16      |
|                                                       |            | 1          | 13           | 14.54                | 14.57   | 14.54   | 16      |
|                                                       |            | 1          | 24           | 14.65                | 14.98   | 14.83   | 16      |
|                                                       |            | 12         | 0            | 14.85                | 15.01   | 15.01   | 16      |
|                                                       |            | 12         | 6            | 14.4                 | 14.74   | 14.32   | 16      |
|                                                       |            | 12         | 13           | 14.65                | 14.98   | 14.91   | 16      |
|                                                       |            | 25         | 0            | 14.89                | 15.07   | 15.08   | 16      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38700   | 39150   | 39600   |         |
| 10MHz     | QPSK       | 1       | 0         | 15.03   | 15.14   | 15.14   | 16      |
|           |            | 1       | 25        | 14.87   | 14.99   | 15.06   | 16      |
|           |            | 1       | 49        | 14.95   | 15.08   | 15.03   | 16      |
|           |            | 25      | 0         | 15.07   | 15.23   | 15.15   | 16      |
|           |            | 25      | 13        | 15.05   | 15.18   | 15.24   | 16      |
|           |            | 25      | 25        | 15.05   | 15.13   | 15.17   | 16      |
|           |            | 50      | 0         | 14.99   | 15.11   | 15.15   | 16      |
|           | 16QAM      | 1       | 0         | 15.4    | 15.49   | 15.62   | 16      |
|           |            | 1       | 25        | 15.35   | 15.45   | 15.45   | 16      |
|           |            | 1       | 49        | 15.31   | 15.46   | 15.44   | 16      |
|           |            | 25      | 0         | 14.99   | 15.14   | 15.19   | 16      |
|           |            | 25      | 13        | 14.86   | 15.05   | 15.12   | 16      |
|           |            | 25      | 25        | 14.97   | 15.05   | 15.1    | 16      |
|           |            | 50      | 0         | 14.96   | 15.09   | 15.13   | 16      |
|           | 64QAM      | 1       | 0         | 14.95   | 15.1    | 15.09   | 16      |
|           |            | 1       | 25        | 14.52   | 14.59   | 14.51   | 16      |
|           |            | 1       | 49        | 14.73   | 14.99   | 14.92   | 16      |
|           |            | 25      | 0         | 14.88   | 15.07   | 15.09   | 16      |
|           |            | 25      | 13        | 14.42   | 14.69   | 14.34   | 16      |
|           |            | 25      | 25        | 14.6    | 14.94   | 14.88   | 16      |
|           |            | 50      | 0         | 14.88   | 14.98   | 15.05   | 16      |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 38725   | 39150   | 39575   |         |
| 15MHz     | QPSK       | 1       | 0         | 14.94   | 15.02   | 15.14   | 16      |
|           |            | 1       | 38        | 15      | 15.08   | 15.08   | 16      |
|           |            | 1       | 74        | 14.86   | 14.98   | 14.99   | 16      |
|           |            | 36      | 0         | 15.09   | 15.24   | 15.29   | 16      |
|           |            | 36      | 18        | 15.06   | 15.12   | 15.18   | 16      |
|           |            | 36      | 39        | 15      | 15.18   | 15.1    | 16      |
|           |            | 75      | 0         | 15.02   | 15.2    | 15.22   | 16      |
|           | 16QAM      | 1       | 0         | 15.46   | 15.41   | 15.53   | 16      |
|           |            | 1       | 38        | 15.39   | 15.48   | 15.6    | 16      |
|           |            | 1       | 74        | 15.25   | 15.4    | 15.36   | 16      |
|           |            | 36      | 0         | 14.95   | 15.12   | 15.16   | 16      |
|           |            | 36      | 18        | 14.93   | 14.99   | 15.04   | 16      |
|           |            | 36      | 39        | 14.87   | 15.06   | 14.99   | 16      |
|           |            | 75      | 0         | 14.93   | 15      | 14.99   | 16      |
|           | 64QAM      | 1       | 0         | 14.96   | 15.09   | 15.11   | 16      |
|           |            | 1       | 38        | 14.55   | 14.57   | 14.48   | 16      |
|           |            | 1       | 74        | 14.72   | 15.03   | 14.89   | 16      |
|           |            | 36      | 0         | 14.8    | 15.11   | 15.01   | 16      |
|           |            | 36      | 18        | 14.42   | 14.72   | 14.4    | 16      |
|           |            | 36      | 39        | 14.69   | 14.92   | 14.9    | 16      |
|           |            | 75      | 0         | 14.81   | 14.97   | 15.01   | 16      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38750   | 39150   | 39550   |         |
| 20MHz     | QPSK       | 1       | 0         | 15.21   | 15.31   | 15.23   | 16      |
|           |            | 1       | 50        | 14.92   | 15.01   | 15.05   | 16      |
|           |            | 1       | 99        | 15.06   | 15.07   | 15.16   | 16      |
|           |            | 50      | 0         | 15.05   | 15.11   | 15.15   | 16      |
|           |            | 50      | 25        | 15      | 15.13   | 15.12   | 16      |
|           |            | 50      | 50        | 15.02   | 15.12   | 15.17   | 16      |
|           |            | 100     | 0         | 15.11   | 15.19   | 15.17   | 16      |
|           | 16QAM      | 1       | 0         | 15.57   | 15.81   | 15.6    | 16      |
|           |            | 1       | 50        | 15.1    | 15.15   | 15.2    | 16      |
|           |            | 1       | 99        | 15.42   | 15.45   | 15.48   | 16      |
|           |            | 50      | 0         | 15.01   | 15.07   | 15.11   | 16      |
|           |            | 50      | 25        | 14.96   | 15.1    | 15.09   | 16      |
|           |            | 50      | 50        | 14.98   | 15.09   | 15.09   | 16      |
|           |            | 100     | 0         | 15.03   | 15.11   | 15.07   | 16      |
|           | 64QAM      | 1       | 0         | 14.96   | 15.05   | 15.14   | 16      |
|           |            | 1       | 50        | 14.53   | 14.58   | 14.54   | 16      |
|           |            | 1       | 99        | 14.68   | 14.93   | 14.9    | 16      |
|           |            | 50      | 0         | 14.83   | 15.07   | 15.07   | 16      |
|           |            | 50      | 25        | 14.4    | 14.66   | 14.33   | 16      |
|           |            | 50      | 50        | 14.67   | 15      | 14.94   | 16      |
|           |            | 100     | 0         | 14.86   | 15      | 15.04   | 16      |

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| LTE Band 40 Receiver on(Left head) + hotspot 5G |            |         |           | Conducted Power(dBm) |         |         |         |
|-------------------------------------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth                                       | Modulation | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                                                 |            |         |           | 38675                | 39150   | 39625   |         |
| 5MHz                                            | QPSK       | 1       | 0         | 13.49                | 13.67   | 13.61   | 14.5    |
|                                                 |            | 1       | 13        | 13.55                | 13.62   | 13.66   | 14.5    |
|                                                 |            | 1       | 24        | 13.51                | 13.56   | 13.44   | 14.5    |
|                                                 |            | 12      | 0         | 13.65                | 13.68   | 13.73   | 14.5    |
|                                                 |            | 12      | 6         | 13.76                | 13.68   | 13.68   | 14.5    |
|                                                 |            | 12      | 13        | 13.5                 | 13.66   | 13.61   | 14.5    |
|                                                 |            | 25      | 0         | 13.48                | 13.58   | 13.65   | 14.5    |
|                                                 | 16QAM      | 1       | 0         | 14.04                | 14.09   | 14.15   | 14.5    |
|                                                 |            | 1       | 13        | 13.96                | 14.06   | 14.07   | 14.5    |
|                                                 |            | 1       | 24        | 13.93                | 14.09   | 13.98   | 14.5    |
|                                                 |            | 12      | 0         | 13.72                | 13.77   | 13.81   | 14.5    |
|                                                 |            | 12      | 6         | 13.62                | 13.73   | 13.67   | 14.5    |
|                                                 |            | 12      | 13        | 13.71                | 13.75   | 13.7    | 14.5    |
|                                                 |            | 25      | 0         | 13.58                | 13.55   | 13.62   | 14.5    |
|                                                 | 64QAM      | 1       | 0         | 13.36                | 13.54   | 13.59   | 14.5    |
|                                                 |            | 1       | 13        | 12.96                | 12.98   | 13.03   | 14.5    |
|                                                 |            | 1       | 24        | 13.1                 | 13.32   | 13.32   | 14.5    |
|                                                 |            | 12      | 0         | 13.25                | 13.45   | 13.45   | 14.5    |
|                                                 |            | 12      | 6         | 12.87                | 13.09   | 12.76   | 14.5    |
|                                                 |            | 12      | 13        | 13.08                | 13.47   | 13.38   | 14.5    |
|                                                 |            | 25      | 0         | 13.32                | 13.39   | 13.53   | 14.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38700   | 39150   | 39600   |         |
| 10MHz     | QPSK       | 1       | 0         | 13.75   | 13.81   | 13.71   | 14.5    |
|           |            | 1       | 25        | 13.73   | 13.76   | 13.61   | 14.5    |
|           |            | 1       | 49        | 13.43   | 13.6    | 13.44   | 14.5    |
|           |            | 25      | 0         | 13.56   | 13.71   | 13.71   | 14.5    |
|           |            | 25      | 13        | 13.55   | 13.6    | 13.73   | 14.5    |
|           |            | 25      | 25        | 13.52   | 13.6    | 13.68   | 14.5    |
|           |            | 50      | 0         | 13.48   | 13.58   | 13.61   | 14.5    |
|           | 16QAM      | 1       | 0         | 14.03   | 14.1    | 14.12   | 14.5    |
|           |            | 1       | 25        | 14.06   | 14.63   | 14.27   | 14.5    |
|           |            | 1       | 49        | 14      | 14.03   | 14.07   | 14.5    |
|           |            | 25      | 0         | 13.52   | 13.78   | 13.68   | 14.5    |
|           |            | 25      | 13        | 13.48   | 13.62   | 13.68   | 14.5    |
|           |            | 25      | 25        | 13.49   | 13.58   | 13.66   | 14.5    |
|           |            | 50      | 0         | 13.44   | 13.55   | 13.68   | 14.5    |
|           | 64QAM      | 1       | 0         | 13.43   | 13.46   | 13.57   | 14.5    |
|           |            | 1       | 25        | 13.01   | 13.04   | 12.97   | 14.5    |
|           |            | 1       | 49        | 13.18   | 13.35   | 13.4    | 14.5    |
|           |            | 25      | 0         | 13.26   | 13.5    | 13.53   | 14.5    |
|           |            | 25      | 13        | 12.89   | 13.07   | 12.78   | 14.5    |
|           |            | 25      | 25        | 13.07   | 13.43   | 13.44   | 14.5    |
|           |            | 50      | 0         | 13.27   | 13.39   | 13.51   | 14.5    |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 38725   | 39150   | 39575   |         |
| 15MHz     | QPSK       | 1       | 0         | 13.52   | 13.73   | 13.63   | 14.5    |
|           |            | 1       | 38        | 13.6    | 13.67   | 13.66   | 14.5    |
|           |            | 1       | 74        | 13.35   | 13.49   | 13.45   | 14.5    |
|           |            | 36      | 0         | 13.64   | 13.76   | 13.71   | 14.5    |
|           |            | 36      | 18        | 13.48   | 13.66   | 13.68   | 14.5    |
|           |            | 36      | 39        | 13.43   | 13.62   | 13.7    | 14.5    |
|           |            | 75      | 0         | 13.58   | 13.63   | 13.73   | 14.5    |
|           | 16QAM      | 1       | 0         | 14.13   | 14.16   | 14.15   | 14.5    |
|           |            | 1       | 38        | 14      | 14.07   | 14.07   | 14.5    |
|           |            | 1       | 74        | 13.9    | 14.02   | 13.97   | 14.5    |
|           |            | 36      | 0         | 13.55   | 13.72   | 13.62   | 14.5    |
|           |            | 36      | 18        | 13.4    | 13.56   | 13.59   | 14.5    |
|           |            | 36      | 39        | 13.35   | 13.52   | 13.53   | 14.5    |
|           |            | 75      | 0         | 13.41   | 13.45   | 13.56   | 14.5    |
|           | 64QAM      | 1       | 0         | 13.45   | 13.55   | 13.62   | 14.5    |
|           |            | 1       | 38        | 12.93   | 13.08   | 12.98   | 14.5    |
|           |            | 1       | 74        | 13.13   | 13.4    | 13.34   | 14.5    |
|           |            | 36      | 0         | 13.25   | 13.46   | 13.53   | 14.5    |
|           |            | 36      | 18        | 12.88   | 13.11   | 12.79   | 14.5    |
|           |            | 36      | 39        | 13.13   | 13.46   | 13.34   | 14.5    |
|           |            | 75      | 0         | 13.27   | 13.38   | 13.54   | 14.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38750   | 39150   | 39550   |         |
| 20MHz     | QPSK       | 1       | 0         | 13.83   | 13.77   | 13.71   | 14.5    |
|           |            | 1       | 50        | 12.95   | 13.54   | 13.61   | 14.5    |
|           |            | 1       | 99        | 13.54   | 13.84   | 13.69   | 14.5    |
|           |            | 50      | 0         | 13.61   | 13.79   | 13.75   | 14.5    |
|           |            | 50      | 25        | 13.54   | 13.68   | 13.69   | 14.5    |
|           |            | 50      | 50        | 13.59   | 13.69   | 13.75   | 14.5    |
|           |            | 100     | 0         | 13.66   | 13.76   | 13.74   | 14.5    |
|           | 16QAM      | 1       | 0         | 13.91   | 13.97   | 13.94   | 14.5    |
|           |            | 1       | 50        | 12.74   | 13.34   | 13.9    | 14.5    |
|           |            | 1       | 99        | 13.79   | 13.98   | 13.67   | 14.5    |
|           |            | 50      | 0         | 13.57   | 13.7    | 13.78   | 14.5    |
|           |            | 50      | 25        | 13.51   | 13.61   | 13.66   | 14.5    |
|           |            | 50      | 50        | 13.51   | 13.64   | 13.69   | 14.5    |
|           |            | 100     | 0         | 13.57   | 13.69   | 13.62   | 14.5    |
|           | 64QAM      | 1       | 0         | 13.42   | 13.52   | 13.53   | 14.5    |
|           |            | 1       | 50        | 13      | 13.08   | 13      | 14.5    |
|           |            | 1       | 99        | 13.12   | 13.42   | 13.39   | 14.5    |
|           |            | 50      | 0         | 13.27   | 13.56   | 13.53   | 14.5    |
|           |            | 50      | 25        | 12.85   | 13.08   | 12.75   | 14.5    |
|           |            | 50      | 50        | 13.14   | 13.41   | 13.42   | 14.5    |
|           |            | 100     | 0         | 13.34   | 13.39   | 13.44   | 14.5    |

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| LTE Band 40 Receiver on(Right head) + hotspot 5G |            |         |           | Conducted Power(dBm) |         |         |         |
|--------------------------------------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth                                        | Modulation | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                                                  |            |         |           | 38675                | 39150   | 39625   |         |
| 5MHz                                             | QPSK       | 1       | 0         | 13.23                | 13.29   | 13.15   | 14      |
|                                                  |            | 1       | 13        | 12.79                | 13.23   | 13.33   | 14      |
|                                                  |            | 1       | 24        | 13.12                | 13.24   | 12.97   | 14      |
|                                                  |            | 12      | 0         | 13.05                | 13.24   | 13.14   | 14      |
|                                                  |            | 12      | 6         | 13.26                | 13.35   | 13.32   | 14      |
|                                                  |            | 12      | 13        | 13.06                | 13.22   | 13.3    | 14      |
|                                                  |            | 25      | 0         | 12.97                | 13.06   | 13.24   | 14      |
|                                                  | 16QAM      | 1       | 0         | 13.71                | 13.73   | 13.7    | 14      |
|                                                  |            | 1       | 13        | 13.74                | 13.75   | 13.98   | 14      |
|                                                  |            | 1       | 24        | 13.44                | 13.71   | 13.41   | 14      |
|                                                  |            | 12      | 0         | 13.01                | 13.18   | 13.23   | 14      |
|                                                  |            | 12      | 6         | 12.98                | 13.18   | 13.3    | 14      |
|                                                  |            | 12      | 13        | 13.03                | 13.34   | 13.1    | 14      |
|                                                  |            | 25      | 0         | 12.99                | 13.07   | 13.13   | 14      |
|                                                  | 64QAM      | 1       | 0         | 12.82                | 13.02   | 13.07   | 14      |
|                                                  |            | 1       | 13        | 12.43                | 12.47   | 12.45   | 14      |
|                                                  |            | 1       | 24        | 12.56                | 12.78   | 12.78   | 14      |
|                                                  |            | 12      | 0         | 12.67                | 12.85   | 12.87   | 14      |
|                                                  |            | 12      | 6         | 12.32                | 12.51   | 12.26   | 14      |
|                                                  |            | 12      | 13        | 12.57                | 12.97   | 12.86   | 14      |
|                                                  |            | 25      | 0         | 12.76                | 12.8    | 12.99   | 14      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38700   | 39150   | 39600   |         |
| 10MHz     | QPSK       | 1       | 0         | 13.17   | 13.23   | 13.13   | 14      |
|           |            | 1       | 25        | 12.86   | 13.14   | 13.17   | 14      |
|           |            | 1       | 49        | 12.96   | 13      | 13      | 14      |
|           |            | 25      | 0         | 13.05   | 13.18   | 13.14   | 14      |
|           |            | 25      | 13        | 13.03   | 13.26   | 13.12   | 14      |
|           |            | 25      | 25        | 13.07   | 13.18   | 13.09   | 14      |
|           |            | 50      | 0         | 13      | 13.13   | 13.21   | 14      |
|           | 16QAM      | 1       | 0         | 13.71   | 13.72   | 13.65   | 14      |
|           |            | 1       | 25        | 13.79   | 13.94   | 13.67   | 14      |
|           |            | 1       | 49        | 13.38   | 13.55   | 13.44   | 14      |
|           |            | 25      | 0         | 13.15   | 13.12   | 13.11   | 14      |
|           |            | 25      | 13        | 13.04   | 13.12   | 13.14   | 14      |
|           |            | 25      | 25        | 13.01   | 13.14   | 13.11   | 14      |
|           |            | 50      | 0         | 12.94   | 13      | 13.17   | 14      |
|           | 64QAM      | 1       | 0         | 12.85   | 12.98   | 13.08   | 14      |
|           |            | 1       | 25        | 12.38   | 12.43   | 12.48   | 14      |
|           |            | 1       | 49        | 12.57   | 12.79   | 12.72   | 14      |
|           |            | 25      | 0         | 12.69   | 12.94   | 12.88   | 14      |
|           |            | 25      | 13        | 12.34   | 12.58   | 12.18   | 14      |
|           |            | 25      | 25        | 12.57   | 12.95   | 12.81   | 14      |
|           |            | 50      | 0         | 12.76   | 12.87   | 12.97   | 14      |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 38725   | 39150   | 39575   |         |
| 15MHz     | QPSK       | 1       | 0         | 12.87   | 13.05   | 13.09   | 14      |
|           |            | 1       | 38        | 12.97   | 12.96   | 13.13   | 14      |
|           |            | 1       | 74        | 12.93   | 12.95   | 12.91   | 14      |
|           |            | 36      | 0         | 13.03   | 13.12   | 13.17   | 14      |
|           |            | 36      | 18        | 12.96   | 12.99   | 13.15   | 14      |
|           |            | 36      | 39        | 12.94   | 12.98   | 13.18   | 14      |
|           |            | 75      | 0         | 13.05   | 13.14   | 13.09   | 14      |
|           | 16QAM      | 1       | 0         | 13.63   | 13.7    | 13.85   | 14      |
|           |            | 1       | 38        | 13.68   | 13.87   | 13.65   | 14      |
|           |            | 1       | 74        | 13.35   | 13.68   | 13.45   | 14      |
|           |            | 36      | 0         | 12.97   | 13.12   | 13.09   | 14      |
|           |            | 36      | 18        | 12.97   | 13.02   | 12.95   | 14      |
|           |            | 36      | 39        | 12.92   | 13.02   | 13.17   | 14      |
|           |            | 75      | 0         | 12.92   | 12.97   | 13.1    | 14      |
|           | 64QAM      | 1       | 0         | 12.82   | 13.02   | 13.07   | 14      |
|           |            | 1       | 38        | 12.45   | 12.44   | 12.47   | 14      |
|           |            | 1       | 74        | 12.55   | 12.79   | 12.77   | 14      |
|           |            | 36      | 0         | 12.67   | 12.89   | 12.93   | 14      |
|           |            | 36      | 18        | 12.32   | 12.52   | 12.22   | 14      |
|           |            | 36      | 39        | 12.48   | 12.89   | 12.86   | 14      |
|           |            | 75      | 0         | 12.75   | 12.87   | 12.98   | 14      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38750   | 39150   | 39550   |         |
| 20MHz     | QPSK       | 1       | 0         | 13.3    | 13.25   | 13.21   | 14      |
|           |            | 1       | 50        | 13.16   | 13.01   | 13.03   | 14      |
|           |            | 1       | 99        | 13.26   | 13.33   | 13.36   | 14      |
|           |            | 50      | 0         | 13.03   | 13.15   | 13.23   | 14      |
|           |            | 50      | 25        | 12.95   | 13.05   | 13.03   | 14      |
|           |            | 50      | 50        | 12.94   | 13.04   | 13.1    | 14      |
|           |            | 100     | 0         | 13.07   | 13.13   | 13.19   | 14      |
|           | 16QAM      | 1       | 0         | 13.62   | 13.65   | 13.62   | 14      |
|           |            | 1       | 50        | 14.04   | 13.89   | 13.59   | 14      |
|           |            | 1       | 99        | 13.71   | 13.59   | 13.55   | 14      |
|           |            | 50      | 0         | 12.9    | 13.12   | 13.18   | 14      |
|           |            | 50      | 25        | 12.95   | 13.05   | 13.1    | 14      |
|           |            | 50      | 50        | 12.9    | 13.02   | 13.06   | 14      |
|           |            | 100     | 0         | 12.82   | 13.07   | 13.11   | 14      |
|           | 64QAM      | 1       | 0         | 12.81   | 12.97   | 13.07   | 14      |
|           |            | 1       | 50        | 12.37   | 12.43   | 12.47   | 14      |
|           |            | 1       | 99        | 12.52   | 12.78   | 12.74   | 14      |
|           |            | 50      | 0         | 12.75   | 12.92   | 12.91   | 14      |
|           |            | 50      | 25        | 12.33   | 12.58   | 12.21   | 14      |
|           |            | 50      | 50        | 12.53   | 12.97   | 12.87   | 14      |
|           |            | 100     | 0         | 12.78   | 12.82   | 13      | 14      |

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| LTE Band 40 Receiver on(Left head) + BT |            |         |           | Conducted Power(dBm) |         |         |         |
|-----------------------------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth                               | Modulation | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                                         |            |         |           | 38675                | 39150   | 39625   |         |
| 5MHz                                    | QPSK       | 1       | 0         | 16.57                | 16.71   | 16.83   | 17.5    |
|                                         |            | 1       | 13        | 16.63                | 16.73   | 16.82   | 17.5    |
|                                         |            | 1       | 24        | 16.56                | 16.66   | 16.71   | 17.5    |
|                                         |            | 12      | 0         | 16.59                | 16.71   | 16.74   | 17.5    |
|                                         |            | 12      | 6         | 16.63                | 16.69   | 16.62   | 17.5    |
|                                         |            | 12      | 13        | 16.6                 | 16.67   | 16.69   | 17.5    |
|                                         |            | 25      | 0         | 16.58                | 16.61   | 16.62   | 17.5    |
|                                         | 16QAM      | 1       | 0         | 16.57                | 16.77   | 16.65   | 17.5    |
|                                         |            | 1       | 13        | 16.82                | 16.6    | 16.63   | 17.5    |
|                                         |            | 1       | 24        | 16.76                | 16.64   | 16.86   | 17.5    |
|                                         |            | 12      | 0         | 16.5                 | 16.69   | 16.65   | 17.5    |
|                                         |            | 12      | 6         | 16.6                 | 16.72   | 16.68   | 17.5    |
|                                         |            | 12      | 13        | 16.5                 | 16.57   | 16.7    | 17.5    |
|                                         |            | 25      | 0         | 16.55                | 16.54   | 16.65   | 17.5    |
|                                         | 64QAM      | 1       | 0         | 16.15                | 16.32   | 16.38   | 17.5    |
|                                         |            | 1       | 13        | 15.72                | 15.8    | 15.8    | 17.5    |
|                                         |            | 1       | 24        | 15.89                | 16.08   | 16.08   | 17.5    |
|                                         |            | 12      | 0         | 16.07                | 16.29   | 16.24   | 17.5    |
|                                         |            | 12      | 6         | 15.69                | 15.94   | 15.54   | 17.5    |
|                                         |            | 12      | 13        | 15.91                | 16.35   | 16.19   | 17.5    |
|                                         |            | 25      | 0         | 16.08                | 16.15   | 16.34   | 17.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38700   | 39150   | 39600   |         |
| 10MHz     | QPSK       | 1       | 0         | 16.63   | 16.66   | 16.73   | 17.5    |
|           |            | 1       | 25        | 16.42   | 16.17   | 16.17   | 17.5    |
|           |            | 1       | 49        | 16.6    | 16.64   | 16.71   | 17.5    |
|           |            | 25      | 0         | 16.63   | 16.68   | 16.84   | 17.5    |
|           |            | 25      | 13        | 16.5    | 16.6    | 16.82   | 17.5    |
|           |            | 25      | 25        | 16.65   | 16.75   | 16.76   | 17.5    |
|           |            | 50      | 0         | 16.54   | 16.68   | 16.71   | 17.5    |
|           | 16QAM      | 1       | 0         | 16.76   | 16.56   | 16.78   | 17.5    |
|           |            | 1       | 25        | 16.73   | 16.44   | 16.86   | 17.5    |
|           |            | 1       | 49        | 16.64   | 16.73   | 16.61   | 17.5    |
|           |            | 25      | 0         | 16.55   | 16.66   | 16.63   | 17.5    |
|           |            | 25      | 13        | 16.55   | 16.57   | 16.61   | 17.5    |
|           |            | 25      | 25        | 16.47   | 16.55   | 16.66   | 17.5    |
|           |            | 50      | 0         | 16.49   | 16.57   | 16.63   | 17.5    |
|           | 64QAM      | 1       | 0         | 16.14   | 16.33   | 16.43   | 17.5    |
|           |            | 1       | 25        | 15.74   | 15.8    | 15.86   | 17.5    |
|           |            | 1       | 49        | 15.83   | 16.12   | 16.11   | 17.5    |
|           |            | 25      | 0         | 16.05   | 16.29   | 16.29   | 17.5    |
|           |            | 25      | 13        | 15.73   | 15.98   | 15.59   | 17.5    |
|           |            | 25      | 25        | 15.92   | 16.31   | 16.18   | 17.5    |
|           |            | 50      | 0         | 16.09   | 16.19   | 16.31   | 17.5    |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 38725   | 39150   | 39575   |         |
| 15MHz     | QPSK       | 1       | 0         | 16.6    | 16.69   | 16.69   | 17.5    |
|           |            | 1       | 38        | 16.58   | 16.61   | 16.77   | 17.5    |
|           |            | 1       | 74        | 16.56   | 16.59   | 16.49   | 17.5    |
|           |            | 36      | 0         | 16.65   | 16.73   | 16.78   | 17.5    |
|           |            | 36      | 18        | 16.58   | 16.59   | 16.77   | 17.5    |
|           |            | 36      | 39        | 16.63   | 16.7    | 16.66   | 17.5    |
|           |            | 75      | 0         | 16.67   | 16.68   | 16.81   | 17.5    |
|           | 16QAM      | 1       | 0         | 16.61   | 16.86   | 16.69   | 17.5    |
|           |            | 1       | 38        | 16.56   | 16.75   | 16.88   | 17.5    |
|           |            | 1       | 74        | 16.48   | 16.6    | 16.76   | 17.5    |
|           |            | 36      | 0         | 16.55   | 16.63   | 16.72   | 17.5    |
|           |            | 36      | 18        | 16.61   | 16.64   | 16.66   | 17.5    |
|           |            | 36      | 39        | 16.43   | 16.68   | 16.56   | 17.5    |
|           |            | 75      | 0         | 16.53   | 16.6    | 16.64   | 17.5    |
|           | 64QAM      | 1       | 0         | 16.15   | 16.27   | 16.45   | 17.5    |
|           |            | 1       | 38        | 15.72   | 15.79   | 15.78   | 17.5    |
|           |            | 1       | 74        | 15.88   | 16.17   | 16.09   | 17.5    |
|           |            | 36      | 0         | 16.13   | 16.26   | 16.25   | 17.5    |
|           |            | 36      | 18        | 15.64   | 15.92   | 15.55   | 17.5    |
|           |            | 36      | 39        | 15.92   | 16.29   | 16.24   | 17.5    |
|           |            | 75      | 0         | 16.15   | 16.19   | 16.4    | 17.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38750   | 39150   | 39550   |         |
| 20MHz     | QPSK       | 1       | 0         | 16.81   | 16.92   | 16.82   | 17.5    |
|           |            | 1       | 50        | 16.52   | 16.39   | 16.22   | 17.5    |
|           |            | 1       | 99        | 16.5    | 16.65   | 16.56   | 17.5    |
|           |            | 50      | 0         | 16.59   | 16.72   | 16.8    | 17.5    |
|           |            | 50      | 25        | 16.61   | 16.6    | 16.74   | 17.5    |
|           |            | 50      | 50        | 16.53   | 16.65   | 16.69   | 17.5    |
|           |            | 100     | 0         | 16.61   | 16.67   | 16.77   | 17.5    |
|           | 16QAM      | 1       | 0         | 16.76   | 16.63   | 16.84   | 17.5    |
|           |            | 1       | 50        | 17.02   | 16.1    | 16.48   | 17.5    |
|           |            | 1       | 99        | 16.69   | 17.02   | 16.61   | 17.5    |
|           |            | 50      | 0         | 16.52   | 16.64   | 16.7    | 17.5    |
|           |            | 50      | 25        | 16.54   | 16.66   | 16.64   | 17.5    |
|           |            | 50      | 50        | 16.4    | 16.56   | 16.6    | 17.5    |
|           |            | 100     | 0         | 16.54   | 16.67   | 16.6    | 17.5    |
|           | 64QAM      | 1       | 0         | 16.19   | 16.28   | 16.37   | 17.5    |
|           |            | 1       | 50        | 15.74   | 15.79   | 15.8    | 17.5    |
|           |            | 1       | 99        | 15.88   | 16.17   | 16.05   | 17.5    |
|           |            | 50      | 0         | 16.11   | 16.28   | 16.26   | 17.5    |
|           |            | 50      | 25        | 15.69   | 15.95   | 15.55   | 17.5    |
|           |            | 50      | 50        | 15.91   | 16.29   | 16.24   | 17.5    |
|           |            | 100     | 0         | 16.14   | 16.18   | 16.39   | 17.5    |

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| LTE Band 40 Receiver on(Right head) + BT |            |         |           | Conducted Power(dBm) |         |         |         |
|------------------------------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth                                | Modulation | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                                          |            |         |           | 38675                | 39150   | 39625   |         |
| 5MHz                                     | QPSK       | 1       | 0         | 16.14                | 16.18   | 16.18   | 17      |
|                                          |            | 1       | 13        | 16.12                | 16.18   | 16.1    | 17      |
|                                          |            | 1       | 24        | 16.12                | 16.11   | 15.98   | 17      |
|                                          |            | 12      | 0         | 16.06                | 16.23   | 16.2    | 17      |
|                                          |            | 12      | 6         | 16.06                | 16.2    | 16.11   | 17      |
|                                          |            | 12      | 13        | 16.06                | 16.24   | 16.16   | 17      |
|                                          |            | 25      | 0         | 16.17                | 16.16   | 16.18   | 17      |
|                                          | 16QAM      | 1       | 0         | 16.44                | 16.35   | 16.77   | 17      |
|                                          |            | 1       | 13        | 15.92                | 16.26   | 16.69   | 17      |
|                                          |            | 1       | 24        | 15.91                | 16.14   | 16.07   | 17      |
|                                          |            | 12      | 0         | 15.99                | 16.1    | 16.07   | 17      |
|                                          |            | 12      | 6         | 16.14                | 16.16   | 15.87   | 17      |
|                                          |            | 12      | 13        | 16.11                | 16.05   | 16.02   | 17      |
|                                          |            | 25      | 0         | 15.99                | 16.12   | 16.06   | 17      |
|                                          | 64QAM      | 1       | 0         | 15.88                | 16.14   | 16.13   | 17      |
|                                          |            | 1       | 13        | 15.48                | 15.57   | 15.28   | 17      |
|                                          |            | 1       | 24        | 15.5                 | 15.97   | 15.84   | 17      |
|                                          |            | 12      | 0         | 15.76                | 15.69   | 15.76   | 17      |
|                                          |            | 12      | 6         | 15.57                | 15.4    | 15.52   | 17      |
|                                          |            | 12      | 13        | 15.78                | 16.26   | 15.69   | 17      |
|                                          |            | 25      | 0         | 15.6                 | 15.68   | 15.81   | 17      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38700   | 39150   | 39600   |         |
| 10MHz     | QPSK       | 1       | 0         | 16.15   | 16.17   | 16.22   | 17      |
|           |            | 1       | 25        | 16.08   | 16.23   | 16.05   | 17      |
|           |            | 1       | 49        | 16.05   | 16.08   | 16.01   | 17      |
|           |            | 25      | 0         | 16.08   | 16.2    | 16.25   | 17      |
|           |            | 25      | 13        | 16.08   | 16.16   | 16.23   | 17      |
|           |            | 25      | 25        | 16.04   | 16.14   | 16.2    | 17      |
|           |            | 50      | 0         | 16.12   | 16.11   | 16.13   | 17      |
|           | 16QAM      | 1       | 0         | 16.3    | 16.19   | 16.23   | 17      |
|           |            | 1       | 25        | 15.64   | 15.69   | 16.54   | 17      |
|           |            | 1       | 49        | 16.18   | 16.31   | 16.01   | 17      |
|           |            | 25      | 0         | 16.03   | 16.15   | 16.16   | 17      |
|           |            | 25      | 13        | 16.09   | 16.19   | 16.18   | 17      |
|           |            | 25      | 25        | 15.94   | 16.06   | 16.15   | 17      |
|           |            | 50      | 0         | 16.02   | 16.15   | 16.19   | 17      |
|           | 64QAM      | 1       | 0         | 15.65   | 16.07   | 15.87   | 17      |
|           |            | 1       | 25        | 15.46   | 15.77   | 15.74   | 17      |
|           |            | 1       | 49        | 15.4    | 15.68   | 15.5    | 17      |
|           |            | 25      | 0         | 15.72   | 16.24   | 15.83   | 17      |
|           |            | 25      | 13        | 15.37   | 15.93   | 15.14   | 17      |
|           |            | 25      | 25        | 15.43   | 15.97   | 15.86   | 17      |
|           |            | 50      | 0         | 15.7    | 15.67   | 15.88   | 17      |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 38725   | 39150   | 39575   |         |
| 15MHz     | QPSK       | 1       | 0         | 16.19   | 16.18   | 16.22   | 17      |
|           |            | 1       | 38        | 16      | 16.18   | 16.2    | 17      |
|           |            | 1       | 74        | 15.94   | 16.08   | 15.97   | 17      |
|           |            | 36      | 0         | 16.14   | 16.32   | 16.22   | 17      |
|           |            | 36      | 18        | 16.13   | 16.18   | 16.23   | 17      |
|           |            | 36      | 39        | 16.07   | 16.13   | 16.25   | 17      |
|           |            | 75      | 0         | 16.08   | 16.14   | 16.25   | 17      |
|           | 16QAM      | 1       | 0         | 16.02   | 16.28   | 16.18   | 17      |
|           |            | 1       | 38        | 16.34   | 16.19   | 16.44   | 17      |
|           |            | 1       | 74        | 16.23   | 16.21   | 16.22   | 17      |
|           |            | 36      | 0         | 16      | 16.24   | 16.21   | 17      |
|           |            | 36      | 18        | 16.06   | 16.27   | 16.29   | 17      |
|           |            | 36      | 39        | 15.99   | 16.05   | 16.18   | 17      |
|           |            | 75      | 0         | 16      | 16.16   | 16.18   | 17      |
|           | 64QAM      | 1       | 0         | 15.81   | 15.85   | 16.15   | 17      |
|           |            | 1       | 38        | 15.24   | 15.64   | 15.22   | 17      |
|           |            | 1       | 74        | 15.55   | 15.77   | 15.83   | 17      |
|           |            | 36      | 0         | 15.69   | 15.7    | 16.03   | 17      |
|           |            | 36      | 18        | 15.62   | 15.72   | 15.42   | 17      |
|           |            | 36      | 39        | 15.36   | 16.21   | 16.17   | 17      |
|           |            | 75      | 0         | 15.81   | 16.07   | 15.98   | 17      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38750   | 39150   | 39550   |         |
| 20MHz     | QPSK       | 1       | 0         | 16.22   | 16.32   | 16.25   | 17      |
|           |            | 1       | 50        | 15.92   | 15.78   | 16.06   | 17      |
|           |            | 1       | 99        | 16.06   | 16.19   | 16.16   | 17      |
|           |            | 50      | 0         | 16.17   | 16.24   | 16.27   | 17      |
|           |            | 50      | 25        | 16.12   | 16.18   | 16.28   | 17      |
|           |            | 50      | 50        | 16.14   | 16.14   | 16.12   | 17      |
|           |            | 100     | 0         | 16.1    | 16.2    | 16.19   | 17      |
|           | 16QAM      | 1       | 0         | 16.07   | 16.52   | 16.16   | 17      |
|           |            | 1       | 50        | 16.4    | 16.4    | 16.33   | 17      |
|           |            | 1       | 99        | 16.18   | 16.26   | 16.46   | 17      |
|           |            | 50      | 0         | 16.11   | 16.13   | 16.17   | 17      |
|           |            | 50      | 25        | 16.06   | 16.05   | 16.2    | 17      |
|           |            | 50      | 50        | 16.04   | 16.02   | 16.22   | 17      |
|           |            | 100     | 0         | 15.97   | 16.1    | 16.13   | 17      |
|           | 64QAM      | 1       | 0         | 15.84   | 15.85   | 16.23   | 17      |
|           |            | 1       | 50        | 15.52   | 15.37   | 15.46   | 17      |
|           |            | 1       | 99        | 15.71   | 15.66   | 15.94   | 17      |
|           |            | 50      | 0         | 16.02   | 16.02   | 16.11   | 17      |
|           |            | 50      | 25        | 15.68   | 15.68   | 15.52   | 17      |
|           |            | 50      | 50        | 15.91   | 15.91   | 15.73   | 17      |
|           |            | 100     | 0         | 15.86   | 15.77   | 16.07   | 17      |

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| LTE Band 40 Receiver off ( body or limbs ) + BT |            |         |           | Conducted Power(dBm) |         |         |         |
|-------------------------------------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth                                       | Modulation | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                                                 |            |         |           | 38675                | 39150   | 39625   |         |
| 5MHz                                            | QPSK       | 1       | 0         | 19.21                | 19.23   | 19.28   | 20      |
|                                                 |            | 1       | 13        | 19.17                | 19.23   | 19.16   | 20      |
|                                                 |            | 1       | 24        | 19.13                | 19.23   | 19.13   | 20      |
|                                                 |            | 12      | 0         | 19.17                | 19.22   | 19.21   | 20      |
|                                                 |            | 12      | 6         | 19.08                | 19.21   | 19.18   | 20      |
|                                                 |            | 12      | 13        | 19.17                | 19.21   | 19.21   | 20      |
|                                                 |            | 25      | 0         | 19.15                | 19.26   | 19.12   | 20      |
|                                                 | 16QAM      | 1       | 0         | 19.42                | 19.34   | 19.36   | 20      |
|                                                 |            | 1       | 13        | 19.27                | 19.34   | 19.15   | 20      |
|                                                 |            | 1       | 24        | 19.38                | 19.24   | 19.12   | 20      |
|                                                 |            | 12      | 0         | 19.16                | 19.13   | 19.09   | 20      |
|                                                 |            | 12      | 6         | 19.07                | 19.18   | 19.15   | 20      |
|                                                 |            | 12      | 13        | 19                   | 19.15   | 19.04   | 20      |
|                                                 |            | 25      | 0         | 19.07                | 19.21   | 18.99   | 20      |
|                                                 | 64QAM      | 1       | 0         | 18.76                | 18.76   | 19.22   | 20      |
|                                                 |            | 1       | 13        | 18.46                | 18.36   | 18.41   | 20      |
|                                                 |            | 1       | 24        | 18.64                | 18.59   | 18.89   | 20      |
|                                                 |            | 12      | 0         | 18.99                | 18.99   | 19.09   | 20      |
|                                                 |            | 12      | 6         | 18.62                | 18.63   | 18.5    | 20      |
|                                                 |            | 12      | 13        | 18.84                | 18.89   | 18.71   | 20      |
|                                                 |            | 25      | 0         | 18.78                | 18.73   | 19.04   | 20      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38700   | 39150   | 39600   |         |
| 10MHz     | QPSK       | 1       | 0         | 19.23   | 19.28   | 19.26   | 20      |
|           |            | 1       | 25        | 18.71   | 18.85   | 19.07   | 20      |
|           |            | 1       | 49        | 19.11   | 19.13   | 19.05   | 20      |
|           |            | 25      | 0         | 19.11   | 19.25   | 19.29   | 20      |
|           |            | 25      | 13        | 19.11   | 19.3    | 19.25   | 20      |
|           |            | 25      | 25        | 19.16   | 19.13   | 19.26   | 20      |
|           |            | 50      | 0         | 19.01   | 19.09   | 19.24   | 20      |
|           | 16QAM      | 1       | 0         | 19.4    | 19.24   | 19.69   | 20      |
|           |            | 1       | 25        | 19.67   | 18.68   | 18.69   | 20      |
|           |            | 1       | 49        | 19.24   | 19.31   | 19.17   | 20      |
|           |            | 25      | 0         | 19.06   | 19.13   | 19.17   | 20      |
|           |            | 25      | 13        | 19.1    | 19.13   | 19.15   | 20      |
|           |            | 25      | 25        | 19.09   | 19.08   | 19.13   | 20      |
|           |            | 50      | 0         | 19.06   | 19.21   | 19.15   | 20      |
|           | 64QAM      | 1       | 0         | 18.76   | 18.76   | 19.19   | 20      |
|           |            | 1       | 25        | 18.5    | 18.3    | 18.38   | 20      |
|           |            | 1       | 49        | 18.67   | 18.64   | 18.88   | 20      |
|           |            | 25      | 0         | 18.94   | 18.99   | 19.01   | 20      |
|           |            | 25      | 13        | 18.66   | 18.65   | 18.46   | 20      |
|           |            | 25      | 25        | 18.87   | 18.84   | 18.65   | 20      |
|           |            | 50      | 0         | 18.79   | 18.69   | 18.99   | 20      |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 38725   | 39150   | 39575   |         |
| 15MHz     | QPSK       | 1       | 0         | 19.21   | 19.18   | 19.16   | 20      |
|           |            | 1       | 38        | 19.02   | 19.25   | 19.25   | 20      |
|           |            | 1       | 74        | 18.95   | 19.13   | 19.1    | 20      |
|           |            | 36      | 0         | 19.16   | 19.23   | 19.23   | 20      |
|           |            | 36      | 18        | 19.15   | 19.21   | 19.25   | 20      |
|           |            | 36      | 39        | 19.15   | 19.26   | 19.16   | 20      |
|           |            | 75      | 0         | 19.1    | 19.18   | 19.29   | 20      |
|           | 16QAM      | 1       | 0         | 19.3    | 19.23   | 19.11   | 20      |
|           |            | 1       | 38        | 19.18   | 19.14   | 19.45   | 20      |
|           |            | 1       | 74        | 19.19   | 19.02   | 19.2    | 20      |
|           |            | 36      | 0         | 19.07   | 19.12   | 19.23   | 20      |
|           |            | 36      | 18        | 19.05   | 19.14   | 19.2    | 20      |
|           |            | 36      | 39        | 19.16   | 19.02   | 19.13   | 20      |
|           |            | 75      | 0         | 18.9    | 19.24   | 19.21   | 20      |
|           | 64QAM      | 1       | 0         | 18.78   | 18.8    | 19.2    | 20      |
|           |            | 1       | 38        | 18.47   | 18.3    | 18.46   | 20      |
|           |            | 1       | 74        | 18.64   | 18.64   | 18.87   | 20      |
|           |            | 36      | 0         | 18.93   | 18.93   | 19.06   | 20      |
|           |            | 36      | 18        | 18.65   | 18.63   | 18.43   | 20      |
|           |            | 36      | 39        | 18.84   | 18.88   | 18.64   | 20      |
|           |            | 75      | 0         | 18.78   | 18.71   | 19.02   | 20      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38750   | 39150   | 39550   |         |
| 20MHz     | QPSK       | 1       | 0         | 19.34   | 19.41   | 19.27   | 20      |
|           |            | 1       | 50        | 18.7    | 18.64   | 18.68   | 20      |
|           |            | 1       | 99        | 19.11   | 19.27   | 19.22   | 20      |
|           |            | 50      | 0         | 19.19   | 19.15   | 19.24   | 20      |
|           |            | 50      | 25        | 19.08   | 19.16   | 19.27   | 20      |
|           |            | 50      | 50        | 19.11   | 19.25   | 19.24   | 20      |
|           |            | 100     | 0         | 19.18   | 19.21   | 19.31   | 20      |
|           | 16QAM      | 1       | 0         | 19.5    | 19.47   | 19.55   | 20      |
|           |            | 1       | 50        | 18.91   | 18.96   | 18.31   | 20      |
|           |            | 1       | 99        | 19.2    | 19.13   | 18.99   | 20      |
|           |            | 50      | 0         | 19.07   | 19.18   | 19.14   | 20      |
|           |            | 50      | 25        | 18.99   | 19.08   | 19.09   | 20      |
|           |            | 50      | 50        | 19.01   | 19.08   | 19.07   | 20      |
|           |            | 100     | 0         | 19.03   | 19.12   | 19.12   | 20      |
|           | 64QAM      | 1       | 0         | 18.75   | 18.84   | 19.2    | 20      |
|           |            | 1       | 50        | 18.47   | 18.31   | 18.4    | 20      |
|           |            | 1       | 99        | 18.67   | 18.57   | 18.87   | 20      |
|           |            | 50      | 0         | 19      | 19.01   | 19.11   | 20      |
|           |            | 50      | 25        | 18.58   | 18.6    | 18.46   | 20      |
|           |            | 50      | 50        | 18.85   | 18.86   | 18.65   | 20      |
|           |            | 100     | 0         | 18.84   | 18.71   | 19.05   | 20      |

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| LTE Band 40 Receiver on(Left head) + WiFi2.4G Ant1 |            |         |           | Conducted Power(dBm) |         |         |         |
|----------------------------------------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth                                          | Modulation | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                                                    |            |         |           | 38675                | 39150   | 39625   |         |
| 5MHz                                               | QPSK       | 1       | 0         | 15.59                | 15.71   | 15.84   | 16.5    |
|                                                    |            | 1       | 13        | 15.61                | 15.68   | 15.81   | 16.5    |
|                                                    |            | 1       | 24        | 15.61                | 15.71   | 15.55   | 16.5    |
|                                                    |            | 12      | 0         | 15.62                | 15.72   | 15.77   | 16.5    |
|                                                    |            | 12      | 6         | 15.64                | 15.7    | 15.74   | 16.5    |
|                                                    |            | 12      | 13        | 15.61                | 15.83   | 15.66   | 16.5    |
|                                                    |            | 25      | 0         | 15.59                | 15.65   | 15.69   | 16.5    |
|                                                    | 16QAM      | 1       | 0         | 16.06                | 15.67   | 15.82   | 16.5    |
|                                                    |            | 1       | 13        | 15.87                | 15.77   | 15.72   | 16.5    |
|                                                    |            | 1       | 24        | 15.96                | 15.68   | 15.64   | 16.5    |
|                                                    |            | 12      | 0         | 15.54                | 15.64   | 15.72   | 16.5    |
|                                                    |            | 12      | 6         | 15.41                | 15.56   | 15.78   | 16.5    |
|                                                    |            | 12      | 13        | 15.48                | 15.64   | 15.7    | 16.5    |
|                                                    |            | 25      | 0         | 15.45                | 15.67   | 15.59   | 16.5    |
|                                                    | 64QAM      | 1       | 0         | 15.51                | 15.49   | 15.93   | 16.5    |
|                                                    |            | 1       | 13        | 15.21                | 14.99   | 15.17   | 16.5    |
|                                                    |            | 1       | 24        | 15.42                | 15.38   | 15.57   | 16.5    |
|                                                    |            | 12      | 0         | 15.67                | 15.71   | 15.77   | 16.5    |
|                                                    |            | 12      | 6         | 15.45                | 15.41   | 15.13   | 16.5    |
|                                                    |            | 12      | 13        | 15.61                | 15.58   | 15.43   | 16.5    |
|                                                    |            | 25      | 0         | 15.49                | 15.39   | 15.73   | 16.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38700   | 39150   | 39600   |         |
| 10MHz     | QPSK       | 1       | 0         | 15.63   | 15.61   | 15.77   | 16.5    |
|           |            | 1       | 25        | 15.51   | 15.65   | 15.66   | 16.5    |
|           |            | 1       | 49        | 15.67   | 15.63   | 15.69   | 16.5    |
|           |            | 25      | 0         | 15.69   | 15.71   | 15.71   | 16.5    |
|           |            | 25      | 13        | 15.69   | 15.76   | 15.58   | 16.5    |
|           |            | 25      | 25        | 15.65   | 15.62   | 15.73   | 16.5    |
|           |            | 50      | 0         | 15.58   | 15.74   | 15.66   | 16.5    |
|           | 16QAM      | 1       | 0         | 15.99   | 16      | 16.05   | 16.5    |
|           |            | 1       | 25        | 15.12   | 15.97   | 15.92   | 16.5    |
|           |            | 1       | 49        | 15.46   | 15.93   | 15.69   | 16.5    |
|           |            | 25      | 0         | 15.67   | 15.8    | 15.71   | 16.5    |
|           |            | 25      | 13        | 15.62   | 15.65   | 15.55   | 16.5    |
|           |            | 25      | 25        | 15.59   | 15.69   | 15.62   | 16.5    |
|           |            | 50      | 0         | 15.5    | 15.66   | 15.68   | 16.5    |
|           | 64QAM      | 1       | 0         | 15.51   | 15.49   | 15.93   | 16.5    |
|           |            | 1       | 25        | 15.21   | 14.99   | 15.17   | 16.5    |
|           |            | 1       | 49        | 15.42   | 15.38   | 15.57   | 16.5    |
|           |            | 25      | 0         | 15.67   | 15.71   | 15.77   | 16.5    |
|           |            | 25      | 13        | 15.45   | 15.41   | 15.13   | 16.5    |
|           |            | 25      | 25        | 15.61   | 15.58   | 15.43   | 16.5    |
|           |            | 50      | 0         | 15.49   | 15.39   | 15.73   | 16.5    |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 38725   | 39150   | 39575   |         |
| 15MHz     | QPSK       | 1       | 0         | 15.66   | 15.75   | 15.69   | 16.5    |
|           |            | 1       | 38        | 15.53   | 15.64   | 15.72   | 16.5    |
|           |            | 1       | 74        | 15.5    | 15.58   | 15.58   | 16.5    |
|           |            | 36      | 0         | 15.58   | 15.75   | 15.75   | 16.5    |
|           |            | 36      | 18        | 15.67   | 15.74   | 15.8    | 16.5    |
|           |            | 36      | 39        | 15.6    | 15.67   | 15.7    | 16.5    |
|           |            | 75      | 0         | 15.62   | 15.71   | 15.65   | 16.5    |
|           | 16QAM      | 1       | 0         | 15.71   | 15.81   | 15.76   | 16.5    |
|           |            | 1       | 38        | 15.75   | 15.81   | 15.72   | 16.5    |
|           |            | 1       | 74        | 15.71   | 15.49   | 15.61   | 16.5    |
|           |            | 36      | 0         | 15.6    | 15.59   | 15.77   | 16.5    |
|           |            | 36      | 18        | 15.43   | 15.53   | 15.7    | 16.5    |
|           |            | 36      | 39        | 15.56   | 15.6    | 15.49   | 16.5    |
|           |            | 75      | 0         | 15.57   | 15.61   | 15.62   | 16.5    |
|           | 64QAM      | 1       | 0         | 15.51   | 15.49   | 15.93   | 16.5    |
|           |            | 1       | 38        | 15.21   | 14.99   | 15.17   | 16.5    |
|           |            | 1       | 74        | 15.42   | 15.38   | 15.57   | 16.5    |
|           |            | 36      | 0         | 15.67   | 15.71   | 15.77   | 16.5    |
|           |            | 36      | 18        | 15.45   | 15.41   | 15.13   | 16.5    |
|           |            | 36      | 39        | 15.61   | 15.58   | 15.43   | 16.5    |
|           |            | 75      | 0         | 15.49   | 15.39   | 15.73   | 16.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38750   | 39150   | 39550   |         |
| 20MHz     | QPSK       | 1       | 0         | 15.7    | 15.9    | 15.8    | 16.5    |
|           |            | 1       | 50        | 15.22   | 15.88   | 15.43   | 16.5    |
|           |            | 1       | 99        | 15.62   | 15.67   | 15.68   | 16.5    |
|           |            | 50      | 0         | 15.71   | 15.78   | 15.8    | 16.5    |
|           |            | 50      | 25        | 15.51   | 15.69   | 15.77   | 16.5    |
|           |            | 50      | 50        | 15.55   | 15.66   | 15.78   | 16.5    |
|           |            | 100     | 0         | 15.61   | 15.74   | 15.69   | 16.5    |
|           | 16QAM      | 1       | 0         | 15.66   | 16.06   | 15.75   | 16.5    |
|           |            | 1       | 50        | 15.89   | 15.02   | 15.95   | 16.5    |
|           |            | 1       | 99        | 15.68   | 15.74   | 15.93   | 16.5    |
|           |            | 50      | 0         | 15.61   | 15.69   | 15.71   | 16.5    |
|           |            | 50      | 25        | 15.42   | 15.69   | 15.64   | 16.5    |
|           |            | 50      | 50        | 15.45   | 15.55   | 15.67   | 16.5    |
|           |            | 100     | 0         | 15.51   | 15.62   | 15.54   | 16.5    |
|           | 64QAM      | 1       | 0         | 15.54   | 15.46   | 15.99   | 16.5    |
|           |            | 1       | 50        | 15.22   | 15.04   | 15.14   | 16.5    |
|           |            | 1       | 99        | 15.35   | 15.34   | 15.69   | 16.5    |
|           |            | 50      | 0         | 15.67   | 15.76   | 15.83   | 16.5    |
|           |            | 50      | 25        | 15.42   | 15.43   | 15.26   | 16.5    |
|           |            | 50      | 50        | 15.57   | 15.63   | 15.4    | 16.5    |
|           |            | 100     | 0         | 15.55   | 15.5    | 15.81   | 16.5    |

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| LTE Band 40 Receiver on(Right head) + WiFi2.4G Ant1 |            |         |           | Conducted Power(dBm) |               |               |         |
|-----------------------------------------------------|------------|---------|-----------|----------------------|---------------|---------------|---------|
| Bandwidth                                           | Modulation | RB size | RB offset | Channel 38675        | Channel 39150 | Channel 39625 | Tune up |
| 5MHz                                                | QPSK       | 1       | 0         | 15.03                | 15.22         | 15.23         | 16      |
|                                                     |            | 1       | 13        | 15.04                | 15.21         | 15.15         | 16      |
|                                                     |            | 1       | 24        | 15.04                | 15.05         | 14.95         | 16      |
|                                                     |            | 12      | 0         | 15.2                 | 15.27         | 15.21         | 16      |
|                                                     |            | 12      | 6         | 14.96                | 15.16         | 15.04         | 16      |
|                                                     |            | 12      | 13        | 15.17                | 15.25         | 15.17         | 16      |
|                                                     |            | 25      | 0         | 15.03                | 15.19         | 15.12         | 16      |
|                                                     | 16QAM      | 1       | 0         | 15.21                | 15.24         | 15.67         | 16      |
|                                                     |            | 1       | 13        | 14.93                | 15.23         | 15.46         | 16      |
|                                                     |            | 1       | 24        | 15.45                | 15.71         | 15.41         | 16      |
|                                                     |            | 12      | 0         | 15.09                | 15.2          | 15.21         | 16      |
|                                                     |            | 12      | 6         | 14.96                | 14.99         | 14.96         | 16      |
|                                                     |            | 12      | 13        | 14.94                | 15.14         | 15.07         | 16      |
|                                                     |            | 25      | 0         | 15.1                 | 14.99         | 15.11         | 16      |
|                                                     | 64QAM      | 1       | 0         | 14.91                | 14.91         | 15.37         | 16      |
|                                                     |            | 1       | 13        | 14.63                | 14.45         | 14.61         | 16      |
|                                                     |            | 1       | 24        | 14.85                | 14.79         | 15.02         | 16      |
|                                                     |            | 12      | 0         | 15.1                 | 15.15         | 15.18         | 16      |
|                                                     |            | 12      | 6         | 14.9                 | 14.81         | 14.58         | 16      |
|                                                     |            | 12      | 13        | 15.06                | 14.98         | 14.89         | 16      |
|                                                     |            | 25      | 0         | 14.89                | 14.82         | 15.16         | 16      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38700   | 39150   | 39600   |         |
| 10MHz     | QPSK       | 1       | 0         | 15.13   | 15.14   | 15.31   | 16      |
|           |            | 1       | 25        | 14.89   | 15      | 15.32   | 16      |
|           |            | 1       | 49        | 15.09   | 15.24   | 15.14   | 16      |
|           |            | 25      | 0         | 15.16   | 15.18   | 15.2    | 16      |
|           |            | 25      | 13        | 15.02   | 15.23   | 15.15   | 16      |
|           |            | 25      | 25        | 15.12   | 15.22   | 15.18   | 16      |
|           |            | 50      | 0         | 15.06   | 15.2    | 15.21   | 16      |
|           | 16QAM      | 1       | 0         | 15.36   | 15.18   | 15.48   | 16      |
|           |            | 1       | 25        | 15.52   | 15.25   | 15.72   | 16      |
|           |            | 1       | 49        | 15.36   | 15.29   | 15.18   | 16      |
|           |            | 25      | 0         | 15.12   | 15.2    | 15.16   | 16      |
|           |            | 25      | 13        | 14.99   | 15.12   | 15.22   | 16      |
|           |            | 25      | 25        | 15.08   | 15.18   | 15.14   | 16      |
|           |            | 50      | 0         | 15.08   | 15.08   | 15.08   | 16      |
|           | 64QAM      | 1       | 0         | 14.92   | 14.95   | 15.42   | 16      |
|           |            | 1       | 25        | 14.61   | 14.48   | 14.6    | 16      |
|           |            | 1       | 49        | 14.86   | 14.78   | 14.98   | 16      |
|           |            | 25      | 0         | 15.12   | 15.14   | 15.2    | 16      |
|           |            | 25      | 13        | 14.87   | 14.88   | 14.62   | 16      |
|           |            | 25      | 25        | 15.04   | 15.08   | 14.83   | 16      |
|           |            | 50      | 0         | 14.92   | 14.79   | 15.16   | 16      |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 38725   | 39150   | 39575   |         |
| 15MHz     | QPSK       | 1       | 0         | 15.14   | 15.19   | 15.25   | 16      |
|           |            | 1       | 38        | 15.13   | 15.23   | 15.18   | 16      |
|           |            | 1       | 74        | 14.98   | 15.11   | 15.01   | 16      |
|           |            | 36      | 0         | 15.16   | 15.31   | 15.31   | 16      |
|           |            | 36      | 18        | 15.13   | 15.18   | 15.32   | 16      |
|           |            | 36      | 39        | 15.06   | 15.24   | 15.26   | 16      |
|           |            | 75      | 0         | 15.08   | 15.14   | 15.23   | 16      |
|           | 16QAM      | 1       | 0         | 15.13   | 15.29   | 15.45   | 16      |
|           |            | 1       | 38        | 15.38   | 15.33   | 15.41   | 16      |
|           |            | 1       | 74        | 14.98   | 15.15   | 15.04   | 16      |
|           |            | 36      | 0         | 15.08   | 15.25   | 15.31   | 16      |
|           |            | 36      | 18        | 14.98   | 15.05   | 15.25   | 16      |
|           |            | 36      | 39        | 15.06   | 15.24   | 15.11   | 16      |
|           |            | 75      | 0         | 14.97   | 15.04   | 15.19   | 16      |
|           | 64QAM      | 1       | 0         | 14.94   | 14.98   | 15.35   | 16      |
|           |            | 1       | 38        | 14.67   | 14.48   | 14.6    | 16      |
|           |            | 1       | 74        | 14.84   | 14.81   | 14.99   | 16      |
|           |            | 36      | 0         | 15.11   | 15.12   | 15.23   | 16      |
|           |            | 36      | 18        | 14.92   | 14.88   | 14.59   | 16      |
|           |            | 36      | 39        | 15.08   | 15.04   | 14.84   | 16      |
|           |            | 75      | 0         | 14.97   | 14.82   | 15.21   | 16      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38750   | 39150   | 39550   |         |
| 20MHz     | QPSK       | 1       | 0         | 15.36   | 15.3    | 15.41   | 16      |
|           |            | 1       | 50        | 14.84   | 14.97   | 15.08   | 16      |
|           |            | 1       | 99        | 15.08   | 15.26   | 15.19   | 16      |
|           |            | 50      | 0         | 15.19   | 15.25   | 15.29   | 16      |
|           |            | 50      | 25        | 15.11   | 15.16   | 15.2    | 16      |
|           |            | 50      | 50        | 15.14   | 15.27   | 15.32   | 16      |
|           |            | 100     | 0         | 15.09   | 15.21   | 15.38   | 16      |
|           | 16QAM      | 1       | 0         | 15.51   | 15.3    | 15.11   | 16      |
|           |            | 1       | 50        | 15.17   | 15.07   | 15.33   | 16      |
|           |            | 1       | 99        | 15.11   | 15.1    | 15.29   | 16      |
|           |            | 50      | 0         | 15.08   | 15.12   | 15.16   | 16      |
|           |            | 50      | 25        | 14.98   | 15.13   | 15.2    | 16      |
|           |            | 50      | 50        | 14.93   | 15.05   | 15.1    | 16      |
|           |            | 100     | 0         | 15.14   | 15.24   | 15.06   | 16      |
|           | 64QAM      | 1       | 0         | 15      | 14.96   | 15.37   | 16      |
|           |            | 1       | 50        | 14.67   | 14.43   | 14.59   | 16      |
|           |            | 1       | 99        | 14.87   | 14.82   | 15.03   | 16      |
|           |            | 50      | 0         | 15.09   | 15.13   | 15.26   | 16      |
|           |            | 50      | 25        | 14.87   | 14.85   | 14.53   | 16      |
|           |            | 50      | 50        | 15.06   | 15.06   | 14.92   | 16      |
|           |            | 100     | 0         | 14.94   | 14.79   | 15.2    | 16      |

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| LTE Band 40 Receiver off ( body or limbs ) +<br>WiFi2.4G Ant1 |            |            |              | Conducted Power(dBm) |                  |                  |         |
|---------------------------------------------------------------|------------|------------|--------------|----------------------|------------------|------------------|---------|
| Bandwidth                                                     | Modulation | RB<br>size | RB<br>offset | Channel<br>38675     | Channel<br>39150 | Channel<br>39625 | Tune up |
| 5MHz                                                          | QPSK       | 1          | 0            | 18.07                | 18.17            | 18.18            | 19      |
|                                                               |            | 1          | 13           | 18.23                | 18.09            | 18.07            | 19      |
|                                                               |            | 1          | 24           | 18.06                | 18.13            | 18.1             | 19      |
|                                                               |            | 12         | 0            | 18.22                | 18.28            | 18.28            | 19      |
|                                                               |            | 12         | 6            | 18.11                | 18.09            | 18.25            | 19      |
|                                                               |            | 12         | 13           | 18.08                | 18.26            | 18.16            | 19      |
|                                                               |            | 25         | 0            | 18.06                | 18.19            | 18.2             | 19      |
|                                                               | 16QAM      | 1          | 0            | 18.29                | 18.2             | 18.28            | 19      |
|                                                               |            | 1          | 13           | 18.25                | 18.19            | 18.1             | 19      |
|                                                               |            | 1          | 24           | 18.21                | 18.17            | 18.04            | 19      |
|                                                               |            | 12         | 0            | 18.16                | 18.12            | 18.22            | 19      |
|                                                               |            | 12         | 6            | 17.98                | 18.19            | 18.11            | 19      |
|                                                               |            | 12         | 13           | 18.06                | 18.22            | 18.09            | 19      |
|                                                               |            | 25         | 0            | 18.17                | 18.13            | 18.14            | 19      |
|                                                               | 64QAM      | 1          | 0            | 17.93                | 17.92            | 18.25            | 19      |
|                                                               |            | 1          | 13           | 17.67                | 17.32            | 17.54            | 19      |
|                                                               |            | 1          | 24           | 17.81                | 17.79            | 17.95            | 19      |
|                                                               |            | 12         | 0            | 18.05                | 18.04            | 18.21            | 19      |
|                                                               |            | 12         | 6            | 17.81                | 17.76            | 17.53            | 19      |
|                                                               |            | 12         | 13           | 18.04                | 17.95            | 17.82            | 19      |
|                                                               |            | 25         | 0            | 17.89                | 17.77            | 18.1             | 19      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38700   | 39150   | 39600   |         |
| 10MHz     | QPSK       | 1       | 0         | 18.15   | 18.15   | 18.22   | 19      |
|           |            | 1       | 25        | 17.89   | 18.03   | 18.4    | 19      |
|           |            | 1       | 49        | 18.07   | 18.09   | 18.17   | 19      |
|           |            | 25      | 0         | 18.08   | 18.21   | 18.18   | 19      |
|           |            | 25      | 13        | 18.08   | 18.14   | 18.2    | 19      |
|           |            | 25      | 25        | 18.04   | 18.15   | 18.18   | 19      |
|           |            | 50      | 0         | 17.99   | 18.11   | 18.3    | 19      |
|           | 16QAM      | 1       | 0         | 18.03   | 18.46   | 18.35   | 19      |
|           |            | 1       | 25        | 18.02   | 18.11   | 18.25   | 19      |
|           |            | 1       | 49        | 18.19   | 18.25   | 18.38   | 19      |
|           |            | 25      | 0         | 18.16   | 18.12   | 18.21   | 19      |
|           |            | 25      | 13        | 18.01   | 18.09   | 18.24   | 19      |
|           |            | 25      | 25        | 17.97   | 18.08   | 18.06   | 19      |
|           |            | 50      | 0         | 17.99   | 18.17   | 18.15   | 19      |
|           | 64QAM      | 1       | 0         | 17.93   | 17.92   | 18.35   | 19      |
|           |            | 1       | 25        | 17.65   | 17.39   | 17.52   | 19      |
|           |            | 1       | 49        | 17.8    | 17.72   | 17.93   | 19      |
|           |            | 25      | 0         | 18.01   | 18.05   | 18.24   | 19      |
|           |            | 25      | 13        | 17.83   | 17.74   | 17.41   | 19      |
|           |            | 25      | 25        | 17.98   | 17.97   | 17.86   | 19      |
|           |            | 50      | 0         | 17.91   | 17.71   | 18.18   | 19      |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 38725   | 39150   | 39575   |         |
| 15MHz     | QPSK       | 1       | 0         | 18.05   | 18.19   | 18.1    | 19      |
|           |            | 1       | 38        | 17.95   | 18.21   | 18.25   | 19      |
|           |            | 1       | 74        | 17.89   | 18.04   | 18.01   | 19      |
|           |            | 36      | 0         | 18.11   | 18.25   | 18.23   | 19      |
|           |            | 36      | 18        | 18.08   | 18.27   | 18.22   | 19      |
|           |            | 36      | 39        | 18.09   | 18.19   | 18.16   | 19      |
|           |            | 75      | 0         | 18.03   | 18.1    | 18.22   | 19      |
|           | 16QAM      | 1       | 0         | 18.36   | 17.99   | 18      | 19      |
|           |            | 1       | 38        | 17.99   | 18.25   | 18.37   | 19      |
|           |            | 1       | 74        | 18.07   | 18.17   | 18.23   | 19      |
|           |            | 36      | 0         | 18      | 18.1    | 18.09   | 19      |
|           |            | 36      | 18        | 17.97   | 18.05   | 18.12   | 19      |
|           |            | 36      | 39        | 17.97   | 17.99   | 18.13   | 19      |
|           |            | 75      | 0         | 17.94   | 18.01   | 18.13   | 19      |
|           | 64QAM      | 1       | 0         | 17.98   | 17.94   | 18.25   | 19      |
|           |            | 1       | 38        | 17.64   | 17.42   | 17.48   | 19      |
|           |            | 1       | 74        | 17.82   | 17.82   | 17.91   | 19      |
|           |            | 36      | 0         | 18.02   | 18.05   | 18.15   | 19      |
|           |            | 36      | 18        | 17.85   | 17.75   | 17.46   | 19      |
|           |            | 36      | 39        | 17.97   | 18      | 17.84   | 19      |
|           |            | 75      | 0         | 17.86   | 17.7    | 18.14   | 19      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38750   | 39150   | 39550   |         |
| 20MHz     | QPSK       | 1       | 0         | 18.2    | 18.29   | 18.23   | 19      |
|           |            | 1       | 50        | 17.72   | 18.11   | 17.67   | 19      |
|           |            | 1       | 99        | 17.9    | 18.11   | 18      | 19      |
|           |            | 50      | 0         | 18.12   | 18.18   | 18.2    | 19      |
|           |            | 50      | 25        | 18.03   | 18.1    | 18.14   | 19      |
|           |            | 50      | 50        | 18.05   | 18.2    | 18.25   | 19      |
|           |            | 100     | 0         | 18.04   | 18.15   | 18.17   | 19      |
|           | 16QAM      | 1       | 0         | 18.74   | 18.35   | 18.34   | 19      |
|           |            | 1       | 50        | 18.17   | 18.11   | 18.63   | 19      |
|           |            | 1       | 99        | 18.16   | 18.4    | 18.13   | 19      |
|           |            | 50      | 0         | 18.02   | 18.14   | 18.11   | 19      |
|           |            | 50      | 25        | 17.94   | 17.97   | 18.13   | 19      |
|           |            | 50      | 50        | 17.98   | 17.93   | 18.18   | 19      |
|           |            | 100     | 0         | 17.96   | 18.05   | 18.16   | 19      |
|           | 64QAM      | 1       | 0         | 17.96   | 17.92   | 18.27   | 19      |
|           |            | 1       | 50        | 17.59   | 17.4    | 17.48   | 19      |
|           |            | 1       | 99        | 17.75   | 17.81   | 17.94   | 19      |
|           |            | 50      | 0         | 17.99   | 18.04   | 18.22   | 19      |
|           |            | 50      | 25        | 17.84   | 17.77   | 17.46   | 19      |
|           |            | 50      | 50        | 18.01   | 18.03   | 17.9    | 19      |
|           |            | 100     | 0         | 17.84   | 17.7    | 18.11   | 19      |

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|---------------------------------------------------------------|------------|------------|--------------|----------------------|---------|---------|---------|
| Bandwidth                                                     | Modulation | RB<br>size | RB<br>offset | Channel              | Channel | Channel | Tune up |
|                                                               |            |            |              | 38675                | 39150   | 39625   |         |
| 5MHz                                                          | QPSK       | 1          | 0            | 13.55                | 13.59   | 13.77   | 14.5    |
|                                                               |            | 1          | 13           | 13.56                | 13.72   | 13.62   | 14.5    |
|                                                               |            | 1          | 24           | 13.55                | 13.58   | 13.53   | 14.5    |
|                                                               |            | 12         | 0            | 13.55                | 13.74   | 13.71   | 14.5    |
|                                                               |            | 12         | 6            | 13.39                | 13.49   | 13.44   | 14.5    |
|                                                               |            | 12         | 13           | 13.53                | 13.74   | 13.58   | 14.5    |
|                                                               |            | 25         | 0            | 13.53                | 13.66   | 13.63   | 14.5    |
|                                                               | 16QAM      | 1          | 0            | 14.05                | 13.78   | 13.92   | 14.5    |
|                                                               |            | 1          | 13           | 13.98                | 13.75   | 14.08   | 14.5    |
|                                                               |            | 1          | 24           | 13.99                | 13.7    | 13.89   | 14.5    |
|                                                               |            | 12         | 0            | 13.41                | 13.59   | 13.57   | 14.5    |
|                                                               |            | 12         | 6            | 13.44                | 13.58   | 13.53   | 14.5    |
|                                                               |            | 12         | 13           | 13.5                 | 13.61   | 13.6    | 14.5    |
|                                                               |            | 25         | 0            | 13.43                | 13.54   | 13.51   | 14.5    |
|                                                               | 64QAM      | 1          | 0            | 13.44                | 13.45   | 13.8    | 14.5    |
|                                                               |            | 1          | 13           | 13.16                | 12.85   | 13.03   | 14.5    |
|                                                               |            | 1          | 24           | 13.35                | 13.39   | 13.51   | 14.5    |
|                                                               |            | 12         | 0            | 13.63                | 13.55   | 13.71   | 14.5    |
|                                                               |            | 12         | 6            | 13.34                | 13.29   | 13.03   | 14.5    |
|                                                               |            | 12         | 13           | 13.57                | 13.54   | 13.32   | 14.5    |
|                                                               |            | 25         | 0            | 13.43                | 13.29   | 13.68   | 14.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38700   | 39150   | 39600   |         |
| 10MHz     | QPSK       | 1       | 0         | 13.63   | 13.53   | 13.75   | 14.5    |
|           |            | 1       | 25        | 13.74   | 13.89   | 13.38   | 14.5    |
|           |            | 1       | 49        | 13.52   | 13.66   | 13.6    | 14.5    |
|           |            | 25      | 0         | 13.59   | 13.72   | 13.83   | 14.5    |
|           |            | 25      | 13        | 13.45   | 13.67   | 13.69   | 14.5    |
|           |            | 25      | 25        | 13.58   | 13.68   | 13.7    | 14.5    |
|           |            | 50      | 0         | 13.52   | 13.65   | 13.57   | 14.5    |
|           | 16QAM      | 1       | 0         | 13.22   | 13.84   | 13.83   | 14.5    |
|           |            | 1       | 25        | 13.25   | 14.11   | 14.09   | 14.5    |
|           |            | 1       | 49        | 13.57   | 13.48   | 13.59   | 14.5    |
|           |            | 25      | 0         | 13.56   | 13.6    | 13.71   | 14.5    |
|           |            | 25      | 13        | 13.56   | 13.65   | 13.73   | 14.5    |
|           |            | 25      | 25        | 13.53   | 13.63   | 13.73   | 14.5    |
|           |            | 50      | 0         | 13.59   | 13.57   | 13.64   | 14.5    |
|           | 64QAM      | 1       | 0         | 13.43   | 13.5    | 13.76   | 14.5    |
|           |            | 1       | 25        | 13.2    | 12.86   | 13.09   | 14.5    |
|           |            | 1       | 49        | 13.35   | 13.38   | 13.51   | 14.5    |
|           |            | 25      | 0         | 13.6    | 13.57   | 13.71   | 14.5    |
|           |            | 25      | 13        | 13.37   | 13.35   | 13.02   | 14.5    |
|           |            | 25      | 25        | 13.53   | 13.44   | 13.36   | 14.5    |
|           |            | 50      | 0         | 13.46   | 13.31   | 13.64   | 14.5    |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 38725   | 39150   | 39575   |         |
| 15MHz     | QPSK       | 1       | 0         | 13.45   | 13.5    | 13.71   | 14.5    |
|           |            | 1       | 38        | 13.54   | 13.58   | 13.76   | 14.5    |
|           |            | 1       | 74        | 13.43   | 13.58   | 13.56   | 14.5    |
|           |            | 36      | 0         | 13.61   | 13.75   | 13.8    | 14.5    |
|           |            | 36      | 18        | 13.55   | 13.73   | 13.8    | 14.5    |
|           |            | 36      | 39        | 13.62   | 13.69   | 13.68   | 14.5    |
|           |            | 75      | 0         | 13.52   | 13.71   | 13.72   | 14.5    |
|           | 16QAM      | 1       | 0         | 13.68   | 13.61   | 13.63   | 14.5    |
|           |            | 1       | 38        | 13.81   | 13.88   | 13.97   | 14.5    |
|           |            | 1       | 74        | 13.59   | 13.81   | 13.67   | 14.5    |
|           |            | 36      | 0         | 13.64   | 13.73   | 13.8    | 14.5    |
|           |            | 36      | 18        | 13.62   | 13.64   | 13.7    | 14.5    |
|           |            | 36      | 39        | 13.43   | 13.56   | 13.62   | 14.5    |
|           |            | 75      | 0         | 13.55   | 13.62   | 13.74   | 14.5    |
|           | 64QAM      | 1       | 0         | 13.47   | 13.49   | 13.76   | 14.5    |
|           |            | 1       | 38        | 13.27   | 12.89   | 13.02   | 14.5    |
|           |            | 1       | 74        | 13.39   | 13.33   | 13.48   | 14.5    |
|           |            | 36      | 0         | 13.57   | 13.57   | 13.8    | 14.5    |
|           |            | 36      | 18        | 13.35   | 13.31   | 13.07   | 14.5    |
|           |            | 36      | 39        | 13.52   | 13.53   | 13.39   | 14.5    |
|           |            | 75      | 0         | 13.44   | 13.35   | 13.7    | 14.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38750   | 39150   | 39550   |         |
| 20MHz     | QPSK       | 1       | 0         | 13.75   | 13.85   | 13.8    | 14.5    |
|           |            | 1       | 50        | 13.72   | 13.62   | 13.64   | 14.5    |
|           |            | 1       | 99        | 13.58   | 13.73   | 13.62   | 14.5    |
|           |            | 50      | 0         | 13.65   | 13.73   | 13.82   | 14.5    |
|           |            | 50      | 25        | 13.6    | 13.61   | 13.63   | 14.5    |
|           |            | 50      | 50        | 13.53   | 13.63   | 13.74   | 14.5    |
|           |            | 100     | 0         | 13.59   | 13.81   | 13.69   | 14.5    |
|           | 16QAM      | 1       | 0         | 14.06   | 13.9    | 13.84   | 14.5    |
|           |            | 1       | 50        | 13.86   | 13.27   | 13.93   | 14.5    |
|           |            | 1       | 99        | 13.79   | 13.86   | 13.74   | 14.5    |
|           |            | 50      | 0         | 13.59   | 13.64   | 13.77   | 14.5    |
|           |            | 50      | 25        | 13.51   | 13.56   | 13.65   | 14.5    |
|           |            | 50      | 50        | 13.43   | 13.55   | 13.7    | 14.5    |
|           |            | 100     | 0         | 13.5    | 13.6    | 13.62   | 14.5    |
|           | 64QAM      | 1       | 0         | 13.48   | 13.44   | 13.84   | 14.5    |
|           |            | 1       | 50        | 13.2    | 12.85   | 13.1    | 14.5    |
|           |            | 1       | 99        | 13.31   | 13.37   | 13.53   | 14.5    |
|           |            | 50      | 0         | 13.58   | 13.62   | 13.78   | 14.5    |
|           |            | 50      | 25        | 13.29   | 13.26   | 13.08   | 14.5    |
|           |            | 50      | 50        | 13.59   | 13.47   | 13.37   | 14.5    |
|           |            | 100     | 0         | 13.43   | 13.32   | 13.67   | 14.5    |

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| LTE Band 40 Receiver on(Right head) + WiFi5G<br>Ant1/Ant2/MIMO |            |         |           | Conducted Power(dBm) |                  |                  |         |
|----------------------------------------------------------------|------------|---------|-----------|----------------------|------------------|------------------|---------|
| Bandwidth                                                      | Modulation | RB size | RB offset | Channel<br>38675     | Channel<br>39150 | Channel<br>39625 | Tune up |
|                                                                |            |         |           |                      |                  |                  |         |
| 5MHz                                                           | QPSK       | 1       | 0         | 13.15                | 13.11            | 13.21            | 14      |
|                                                                |            | 1       | 13        | 12.98                | 13.29            | 13.38            | 14      |
|                                                                |            | 1       | 24        | 13.01                | 13.1             | 13.06            | 14      |
|                                                                |            | 12      | 0         | 13.07                | 13.2             | 13.23            | 14      |
|                                                                |            | 12      | 6         | 13.05                | 12.82            | 12.91            | 14      |
|                                                                |            | 12      | 13        | 13.06                | 13.19            | 13.09            | 14      |
|                                                                |            | 25      | 0         | 13                   | 13.2             | 13.22            | 14      |
|                                                                | 16QAM      | 1       | 0         | 13.36                | 13.26            | 13.39            | 14      |
|                                                                |            | 1       | 13        | 13.37                | 13.35            | 13.55            | 14      |
|                                                                |            | 1       | 24        | 13.35                | 13.53            | 12.98            | 14      |
|                                                                |            | 12      | 0         | 12.9                 | 13.07            | 13.07            | 14      |
|                                                                |            | 12      | 6         | 12.87                | 12.99            | 13.04            | 14      |
|                                                                |            | 12      | 13        | 12.93                | 13.04            | 12.96            | 14      |
|                                                                |            | 25      | 0         | 13.01                | 12.94            | 12.7             | 14      |
|                                                                | 64QAM      | 1       | 0         | 12.94                | 12.88            | 13.33            | 14      |
|                                                                |            | 1       | 13        | 12.61                | 12.28            | 12.59            | 14      |
|                                                                |            | 1       | 24        | 12.74                | 12.78            | 13.03            | 14      |
|                                                                |            | 12      | 0         | 13.03                | 13.05            | 13.25            | 14      |
|                                                                |            | 12      | 6         | 12.69                | 12.71            | 12.54            | 14      |
|                                                                |            | 12      | 13        | 13                   | 12.9             | 12.86            | 14      |
|                                                                |            | 25      | 0         | 12.86                | 12.71            | 13.12            | 14      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38700   | 39150   | 39600   |         |
| 10MHz     | QPSK       | 1       | 0         | 13.13   | 13.24   | 13.24   | 14      |
|           |            | 1       | 25        | 13.02   | 13.17   | 12.78   | 14      |
|           |            | 1       | 49        | 12.98   | 13.15   | 13.16   | 14      |
|           |            | 25      | 0         | 13.06   | 13.16   | 13.19   | 14      |
|           |            | 25      | 13        | 13.07   | 13.22   | 13.19   | 14      |
|           |            | 25      | 25        | 13.14   | 13.26   | 13.17   | 14      |
|           |            | 50      | 0         | 13.03   | 13.24   | 13.17   | 14      |
|           | 16QAM      | 1       | 0         | 12.88   | 12.7    | 13.22   | 14      |
|           |            | 1       | 25        | 13.11   | 13.56   | 12.23   | 14      |
|           |            | 1       | 49        | 13.02   | 13.22   | 12.99   | 14      |
|           |            | 25      | 0         | 12.9    | 13      | 13.04   | 14      |
|           |            | 25      | 13        | 12.96   | 13.06   | 13.1    | 14      |
|           |            | 25      | 25        | 13.01   | 13.15   | 13.1    | 14      |
|           |            | 50      | 0         | 12.97   | 13.07   | 12.95   | 14      |
|           | 64QAM      | 1       | 0         | 12.9    | 12.9    | 13.25   | 14      |
|           |            | 1       | 25        | 12.66   | 12.35   | 12.5    | 14      |
|           |            | 1       | 49        | 12.79   | 12.84   | 12.92   | 14      |
|           |            | 25      | 0         | 13.07   | 13.08   | 13.2    | 14      |
|           |            | 25      | 13        | 12.76   | 12.71   | 12.54   | 14      |
|           |            | 25      | 25        | 13.01   | 12.98   | 12.85   | 14      |
|           |            | 50      | 0         | 12.93   | 12.84   | 13.12   | 14      |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 38725   | 39150   | 39575   |         |
| 15MHz     | QPSK       | 1       | 0         | 12.96   | 13      | 12.87   | 14      |
|           |            | 1       | 38        | 12.84   | 13.05   | 13.23   | 14      |
|           |            | 1       | 74        | 13.08   | 12.98   | 13.04   | 14      |
|           |            | 36      | 0         | 13.07   | 13.15   | 13.26   | 14      |
|           |            | 36      | 18        | 13.05   | 13.23   | 13.26   | 14      |
|           |            | 36      | 39        | 13.05   | 13.12   | 13.19   | 14      |
|           |            | 75      | 0         | 13.1    | 13.16   | 13.19   | 14      |
|           | 16QAM      | 1       | 0         | 13.37   | 13      | 12.85   | 14      |
|           |            | 1       | 38        | 13.14   | 13.3    | 13.03   | 14      |
|           |            | 1       | 74        | 13.16   | 13.35   | 13      | 14      |
|           |            | 36      | 0         | 12.91   | 13.06   | 13.19   | 14      |
|           |            | 36      | 18        | 12.92   | 12.98   | 13.05   | 14      |
|           |            | 36      | 39        | 12.85   | 13.07   | 13.02   | 14      |
|           |            | 75      | 0         | 12.99   | 13.2    | 13.01   | 14      |
|           | 64QAM      | 1       | 0         | 12.93   | 12.89   | 13.28   | 14      |
|           |            | 1       | 38        | 12.6    | 12.3    | 12.6    | 14      |
|           |            | 1       | 74        | 12.73   | 12.86   | 13.01   | 14      |
|           |            | 36      | 0         | 13.1    | 13.07   | 13.25   | 14      |
|           |            | 36      | 18        | 12.79   | 12.69   | 12.52   | 14      |
|           |            | 36      | 39        | 13.06   | 12.93   | 12.78   | 14      |
|           |            | 75      | 0         | 12.95   | 12.75   | 13.19   | 14      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38750   | 39150   | 39550   |         |
| 20MHz     | QPSK       | 1       | 0         | 13.23   | 13.24   | 13.18   | 14      |
|           |            | 1       | 50        | 12.86   | 13.04   | 13.12   | 14      |
|           |            | 1       | 99        | 13.28   | 13.19   | 13.38   | 14      |
|           |            | 50      | 0         | 13.1    | 13.2    | 13.22   | 14      |
|           |            | 50      | 25        | 13.09   | 13.13   | 13.19   | 14      |
|           |            | 50      | 50        | 13.05   | 13.2    | 13.27   | 14      |
|           |            | 100     | 0         | 13.13   | 13.2    | 13.22   | 14      |
|           | 16QAM      | 1       | 0         | 13.38   | 13.19   | 13.16   | 14      |
|           |            | 1       | 50        | 12.32   | 13.09   | 13.03   | 14      |
|           |            | 1       | 99        | 12.58   | 13.63   | 12.56   | 14      |
|           |            | 50      | 0         | 12.98   | 13.21   | 13.15   | 14      |
|           |            | 50      | 25        | 12.97   | 13.06   | 13.12   | 14      |
|           |            | 50      | 50        | 12.99   | 13.02   | 13.17   | 14      |
|           |            | 100     | 0         | 12.9    | 13.17   | 13.05   | 14      |
|           | 64QAM      | 1       | 0         | 13      | 12.85   | 13.23   | 14      |
|           |            | 1       | 50        | 12.61   | 12.36   | 12.61   | 14      |
|           |            | 1       | 99        | 12.82   | 12.78   | 12.95   | 14      |
|           |            | 50      | 0         | 13.04   | 13.1    | 13.2    | 14      |
|           |            | 50      | 25        | 12.8    | 12.75   | 12.55   | 14      |
|           |            | 50      | 50        | 13.02   | 12.96   | 12.83   | 14      |
|           |            | 100     | 0         | 12.92   | 12.72   | 13.07   | 14      |

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| LTE Band 40 Receiver off ( body or limbs ) +<br>WiFi5G Ant1/Ant2/MIMO |            |         |           | Conducted Power(dBm) |                  |                  |         |
|-----------------------------------------------------------------------|------------|---------|-----------|----------------------|------------------|------------------|---------|
| Bandwidth                                                             | Modulation | RB size | RB offset | Channel<br>38675     | Channel<br>39150 | Channel<br>39625 | Tune up |
| 5MHz                                                                  | QPSK       | 1       | 0         | 16.14                | 16.23            | 16.27            | 17      |
|                                                                       |            | 1       | 13        | 16.22                | 16.31            | 16.19            | 17      |
|                                                                       |            | 1       | 24        | 16.06                | 16.21            | 16.03            | 17      |
|                                                                       |            | 12      | 0         | 16.11                | 16.19            | 16.25            | 17      |
|                                                                       |            | 12      | 6         | 15.85                | 16.08            | 15.89            | 17      |
|                                                                       |            | 12      | 13        | 16.11                | 16.29            | 16.22            | 17      |
|                                                                       |            | 25      | 0         | 16.13                | 16.23            | 16.16            | 17      |
|                                                                       | 16QAM      | 1       | 0         | 16.5                 | 16.26            | 16.4             | 17      |
|                                                                       |            | 1       | 13        | 16.14                | 16.26            | 16.19            | 17      |
|                                                                       |            | 1       | 24        | 16.02                | 16.18            | 16.18            | 17      |
|                                                                       |            | 12      | 0         | 15.97                | 16.1             | 16.17            | 17      |
|                                                                       |            | 12      | 6         | 16                   | 16.11            | 16.12            | 17      |
|                                                                       |            | 12      | 13        | 16.08                | 16.23            | 16.11            | 17      |
|                                                                       |            | 25      | 0         | 15.99                | 16.13            | 15.95            | 17      |
|                                                                       | 64QAM      | 1       | 0         | 15.83                | 15.81            | 16.22            | 17      |
|                                                                       |            | 1       | 13        | 15.6                 | 15.24            | 15.51            | 17      |
|                                                                       |            | 1       | 24        | 15.65                | 15.71            | 16               | 17      |
|                                                                       |            | 12      | 0         | 16                   | 16               | 16.17            | 17      |
|                                                                       |            | 12      | 6         | 15.61                | 15.65            | 15.45            | 17      |
|                                                                       |            | 12      | 13        | 15.94                | 15.85            | 15.79            | 17      |
|                                                                       |            | 25      | 0         | 15.76                | 15.63            | 16.03            | 17      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38700   | 39150   | 39600   |         |
| 10MHz     | QPSK       | 1       | 0         | 16.13   | 16.17   | 16.24   | 17      |
|           |            | 1       | 25        | 15.47   | 16.09   | 16.19   | 17      |
|           |            | 1       | 49        | 16.05   | 16.1    | 16.09   | 17      |
|           |            | 25      | 0         | 16.11   | 16.25   | 16.18   | 17      |
|           |            | 25      | 13        | 16.1    | 16.18   | 16.28   | 17      |
|           |            | 25      | 25        | 16.08   | 16.17   | 16.24   | 17      |
|           |            | 50      | 0         | 16.15   | 16.23   | 16.31   | 17      |
|           | 16QAM      | 1       | 0         | 16.19   | 16.37   | 16.21   | 17      |
|           |            | 1       | 25        | 15.99   | 15.29   | 16.56   | 17      |
|           |            | 1       | 49        | 16      | 16.23   | 15.78   | 17      |
|           |            | 25      | 0         | 15.94   | 16.22   | 16.2    | 17      |
|           |            | 25      | 13        | 15.94   | 16.05   | 16.25   | 17      |
|           |            | 25      | 25        | 16.05   | 16      | 16.11   | 17      |
|           |            | 50      | 0         | 16      | 16.18   | 16.24   | 17      |
|           | 64QAM      | 1       | 0         | 15.89   | 15.88   | 16.27   | 17      |
|           |            | 1       | 25        | 15.54   | 15.19   | 15.48   | 17      |
|           |            | 1       | 49        | 15.71   | 15.72   | 16.01   | 17      |
|           |            | 25      | 0         | 16      | 15.97   | 16.21   | 17      |
|           |            | 25      | 13        | 15.62   | 15.63   | 15.46   | 17      |
|           |            | 25      | 25        | 15.91   | 15.86   | 15.8    | 17      |
|           |            | 50      | 0         | 15.79   | 15.61   | 16.03   | 17      |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 38725   | 39150   | 39575   |         |
| 15MHz     | QPSK       | 1       | 0         | 16.11   | 16.15   | 16.24   | 17      |
|           |            | 1       | 38        | 16.07   | 16.15   | 16.16   | 17      |
|           |            | 1       | 74        | 16.06   | 16.15   | 16.03   | 17      |
|           |            | 36      | 0         | 16.2    | 16.24   | 16.26   | 17      |
|           |            | 36      | 18        | 16.05   | 16.24   | 16.26   | 17      |
|           |            | 36      | 39        | 16.07   | 16.18   | 16.19   | 17      |
|           |            | 75      | 0         | 16      | 16.2    | 16.31   | 17      |
|           | 16QAM      | 1       | 0         | 16      | 16.27   | 16.42   | 17      |
|           |            | 1       | 38        | 16.05   | 16.12   | 16.5    | 17      |
|           |            | 1       | 74        | 16.05   | 16.39   | 16.19   | 17      |
|           |            | 36      | 0         | 16.11   | 16.25   | 16.26   | 17      |
|           |            | 36      | 18        | 16.07   | 16.02   | 16.28   | 17      |
|           |            | 36      | 39        | 15.98   | 16.17   | 16.1    | 17      |
|           |            | 75      | 0         | 16.03   | 16.11   | 16.08   | 17      |
|           | 64QAM      | 1       | 0         | 15.88   | 15.87   | 16.31   | 17      |
|           |            | 1       | 38        | 15.54   | 15.25   | 15.48   | 17      |
|           |            | 1       | 74        | 15.68   | 15.73   | 15.99   | 17      |
|           |            | 36      | 0         | 15.93   | 15.96   | 16.18   | 17      |
|           |            | 36      | 18        | 15.66   | 15.61   | 15.53   | 17      |
|           |            | 36      | 39        | 15.93   | 15.86   | 15.75   | 17      |
|           |            | 75      | 0         | 15.8    | 15.64   | 16.04   | 17      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38750   | 39150   | 39550   |         |
| 20MHz     | QPSK       | 1       | 0         | 16.09   | 16.29   | 16.32   | 17      |
|           |            | 1       | 50        | 15.88   | 15.79   | 16.21   | 17      |
|           |            | 1       | 99        | 16.15   | 16.24   | 16.11   | 17      |
|           |            | 50      | 0         | 16.16   | 16.25   | 16.27   | 17      |
|           |            | 50      | 25        | 16.12   | 16.16   | 16.15   | 17      |
|           |            | 50      | 50        | 16.11   | 16.12   | 16.22   | 17      |
|           |            | 100     | 0         | 16.09   | 16.21   | 16.2    | 17      |
|           | 16QAM      | 1       | 0         | 16.73   | 16.36   | 16.44   | 17      |
|           |            | 1       | 50        | 15.73   | 15.94   | 16.46   | 17      |
|           |            | 1       | 99        | 16.09   | 16.39   | 16.33   | 17      |
|           |            | 50      | 0         | 16.08   | 16.18   | 16.23   | 17      |
|           |            | 50      | 25        | 16.03   | 16.09   | 16.23   | 17      |
|           |            | 50      | 50        | 16      | 16.17   | 16.17   | 17      |
|           |            | 100     | 0         | 15.99   | 16.11   | 16.14   | 17      |
|           | 64QAM      | 1       | 0         | 15.84   | 15.83   | 16.23   | 17      |
|           |            | 1       | 50        | 15.56   | 15.19   | 15.48   | 17      |
|           |            | 1       | 99        | 15.68   | 15.72   | 15.97   | 17      |
|           |            | 50      | 0         | 15.93   | 16      | 16.14   | 17      |
|           |            | 50      | 25        | 15.63   | 15.64   | 15.49   | 17      |
|           |            | 50      | 50        | 15.92   | 15.85   | 15.83   | 17      |
|           |            | 100     | 0         | 15.77   | 15.71   | 16.02   | 17      |

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|--------------------------------------------------------------------|------------|------------|--------------|----------------------|---------|---------|---------|
| Bandwidth                                                          | Modulation | RB<br>size | RB<br>offset | Channel              | Channel | Channel | Tune up |
|                                                                    |            |            |              | 38675                | 39150   | 39625   |         |
| 5MHz                                                               | QPSK       | 1          | 0            | 13.55                | 13.59   | 13.77   | 14.5    |
|                                                                    |            | 1          | 13           | 13.56                | 13.72   | 13.62   | 14.5    |
|                                                                    |            | 1          | 24           | 13.55                | 13.58   | 13.53   | 14.5    |
|                                                                    |            | 12         | 0            | 13.55                | 13.74   | 13.71   | 14.5    |
|                                                                    |            | 12         | 6            | 13.39                | 13.49   | 13.44   | 14.5    |
|                                                                    |            | 12         | 13           | 13.53                | 13.74   | 13.58   | 14.5    |
|                                                                    |            | 25         | 0            | 13.53                | 13.66   | 13.63   | 14.5    |
|                                                                    | 16QAM      | 1          | 0            | 14.05                | 13.78   | 13.92   | 14.5    |
|                                                                    |            | 1          | 13           | 13.98                | 13.75   | 14.08   | 14.5    |
|                                                                    |            | 1          | 24           | 13.99                | 13.7    | 13.89   | 14.5    |
|                                                                    |            | 12         | 0            | 13.41                | 13.59   | 13.57   | 14.5    |
|                                                                    |            | 12         | 6            | 13.44                | 13.58   | 13.53   | 14.5    |
|                                                                    |            | 12         | 13           | 13.5                 | 13.61   | 13.6    | 14.5    |
|                                                                    |            | 25         | 0            | 13.43                | 13.54   | 13.51   | 14.5    |
|                                                                    | 64QAM      | 1          | 0            | 13.44                | 13.45   | 13.8    | 14.5    |
|                                                                    |            | 1          | 13           | 13.16                | 12.85   | 13.03   | 14.5    |
|                                                                    |            | 1          | 24           | 13.35                | 13.39   | 13.51   | 14.5    |
|                                                                    |            | 12         | 0            | 13.63                | 13.55   | 13.71   | 14.5    |
|                                                                    |            | 12         | 6            | 13.34                | 13.29   | 13.03   | 14.5    |
|                                                                    |            | 12         | 13           | 13.57                | 13.54   | 13.32   | 14.5    |
|                                                                    |            | 25         | 0            | 13.43                | 13.29   | 13.68   | 14.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38700   | 39150   | 39600   |         |
| 10MHz     | QPSK       | 1       | 0         | 13.63   | 13.53   | 13.75   | 14.5    |
|           |            | 1       | 25        | 13.74   | 13.89   | 13.38   | 14.5    |
|           |            | 1       | 49        | 13.52   | 13.66   | 13.6    | 14.5    |
|           |            | 25      | 0         | 13.59   | 13.72   | 13.83   | 14.5    |
|           |            | 25      | 13        | 13.45   | 13.67   | 13.69   | 14.5    |
|           |            | 25      | 25        | 13.58   | 13.68   | 13.7    | 14.5    |
|           |            | 50      | 0         | 13.52   | 13.65   | 13.57   | 14.5    |
|           | 16QAM      | 1       | 0         | 13.22   | 13.84   | 13.83   | 14.5    |
|           |            | 1       | 25        | 13.25   | 14.11   | 14.09   | 14.5    |
|           |            | 1       | 49        | 13.57   | 13.48   | 13.59   | 14.5    |
|           |            | 25      | 0         | 13.56   | 13.6    | 13.71   | 14.5    |
|           |            | 25      | 13        | 13.56   | 13.65   | 13.73   | 14.5    |
|           |            | 25      | 25        | 13.53   | 13.63   | 13.73   | 14.5    |
|           |            | 50      | 0         | 13.59   | 13.57   | 13.64   | 14.5    |
|           | 64QAM      | 1       | 0         | 13.43   | 13.5    | 13.76   | 14.5    |
|           |            | 1       | 25        | 13.2    | 12.86   | 13.09   | 14.5    |
|           |            | 1       | 49        | 13.35   | 13.38   | 13.51   | 14.5    |
|           |            | 25      | 0         | 13.6    | 13.57   | 13.71   | 14.5    |
|           |            | 25      | 13        | 13.37   | 13.35   | 13.02   | 14.5    |
|           |            | 25      | 25        | 13.53   | 13.44   | 13.36   | 14.5    |
|           |            | 50      | 0         | 13.46   | 13.31   | 13.64   | 14.5    |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 38725   | 39150   | 39575   |         |
| 15MHz     | QPSK       | 1       | 0         | 13.45   | 13.5    | 13.71   | 14.5    |
|           |            | 1       | 38        | 13.54   | 13.58   | 13.76   | 14.5    |
|           |            | 1       | 74        | 13.43   | 13.58   | 13.56   | 14.5    |
|           |            | 36      | 0         | 13.61   | 13.75   | 13.8    | 14.5    |
|           |            | 36      | 18        | 13.55   | 13.73   | 13.8    | 14.5    |
|           |            | 36      | 39        | 13.62   | 13.69   | 13.68   | 14.5    |
|           |            | 75      | 0         | 13.52   | 13.71   | 13.72   | 14.5    |
|           | 16QAM      | 1       | 0         | 13.68   | 13.61   | 13.63   | 14.5    |
|           |            | 1       | 38        | 13.81   | 13.88   | 13.97   | 14.5    |
|           |            | 1       | 74        | 13.59   | 13.81   | 13.67   | 14.5    |
|           |            | 36      | 0         | 13.64   | 13.73   | 13.8    | 14.5    |
|           |            | 36      | 18        | 13.62   | 13.64   | 13.7    | 14.5    |
|           |            | 36      | 39        | 13.43   | 13.56   | 13.62   | 14.5    |
|           |            | 75      | 0         | 13.55   | 13.62   | 13.74   | 14.5    |
|           | 64QAM      | 1       | 0         | 13.47   | 13.49   | 13.76   | 14.5    |
|           |            | 1       | 38        | 13.27   | 12.89   | 13.02   | 14.5    |
|           |            | 1       | 74        | 13.39   | 13.33   | 13.48   | 14.5    |
|           |            | 36      | 0         | 13.57   | 13.57   | 13.8    | 14.5    |
|           |            | 36      | 18        | 13.35   | 13.31   | 13.07   | 14.5    |
|           |            | 36      | 39        | 13.52   | 13.53   | 13.39   | 14.5    |
|           |            | 75      | 0         | 13.44   | 13.35   | 13.7    | 14.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38750   | 39150   | 39550   |         |
| 20MHz     | QPSK       | 1       | 0         | 13.75   | 13.85   | 13.8    | 14.5    |
|           |            | 1       | 50        | 13.72   | 13.62   | 13.64   | 14.5    |
|           |            | 1       | 99        | 13.58   | 13.73   | 13.62   | 14.5    |
|           |            | 50      | 0         | 13.65   | 13.73   | 13.82   | 14.5    |
|           |            | 50      | 25        | 13.6    | 13.61   | 13.63   | 14.5    |
|           |            | 50      | 50        | 13.53   | 13.63   | 13.74   | 14.5    |
|           |            | 100     | 0         | 13.59   | 13.81   | 13.69   | 14.5    |
|           | 16QAM      | 1       | 0         | 14.06   | 13.9    | 13.84   | 14.5    |
|           |            | 1       | 50        | 13.86   | 13.27   | 13.93   | 14.5    |
|           |            | 1       | 99        | 13.79   | 13.86   | 13.74   | 14.5    |
|           |            | 50      | 0         | 13.59   | 13.64   | 13.77   | 14.5    |
|           |            | 50      | 25        | 13.51   | 13.56   | 13.65   | 14.5    |
|           |            | 50      | 50        | 13.43   | 13.55   | 13.7    | 14.5    |
|           |            | 100     | 0         | 13.5    | 13.6    | 13.62   | 14.5    |
|           | 64QAM      | 1       | 0         | 13.48   | 13.44   | 13.84   | 14.5    |
|           |            | 1       | 50        | 13.2    | 12.85   | 13.1    | 14.5    |
|           |            | 1       | 99        | 13.31   | 13.37   | 13.53   | 14.5    |
|           |            | 50      | 0         | 13.58   | 13.62   | 13.78   | 14.5    |
|           |            | 50      | 25        | 13.29   | 13.26   | 13.08   | 14.5    |
|           |            | 50      | 50        | 13.59   | 13.47   | 13.37   | 14.5    |
|           |            | 100     | 0         | 13.43   | 13.32   | 13.67   | 14.5    |

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| LTE Band 40 Receiver on(Right head) + BT + WiFi5G Ant1/Ant2/MIMO |            |         |           | Conducted Power(dBm) |               |               |         |
|------------------------------------------------------------------|------------|---------|-----------|----------------------|---------------|---------------|---------|
| Bandwidth                                                        | Modulation | RB size | RB offset | Channel 38675        | Channel 39150 | Channel 39625 | Tune up |
| 5MHz                                                             | QPSK       | 1       | 0         | 13.15                | 13.11         | 13.21         | 14      |
|                                                                  |            | 1       | 13        | 12.98                | 13.29         | 13.38         | 14      |
|                                                                  |            | 1       | 24        | 13.01                | 13.1          | 13.06         | 14      |
|                                                                  |            | 12      | 0         | 13.07                | 13.2          | 13.23         | 14      |
|                                                                  |            | 12      | 6         | 13.05                | 12.82         | 12.91         | 14      |
|                                                                  |            | 12      | 13        | 13.06                | 13.19         | 13.09         | 14      |
|                                                                  |            | 25      | 0         | 13                   | 13.2          | 13.22         | 14      |
|                                                                  | 16QAM      | 1       | 0         | 13.36                | 13.26         | 13.39         | 14      |
|                                                                  |            | 1       | 13        | 13.37                | 13.35         | 13.55         | 14      |
|                                                                  |            | 1       | 24        | 13.35                | 13.53         | 12.98         | 14      |
|                                                                  |            | 12      | 0         | 12.9                 | 13.07         | 13.07         | 14      |
|                                                                  |            | 12      | 6         | 12.87                | 12.99         | 13.04         | 14      |
|                                                                  |            | 12      | 13        | 12.93                | 13.04         | 12.96         | 14      |
|                                                                  |            | 25      | 0         | 13.01                | 12.94         | 12.7          | 14      |
|                                                                  | 64QAM      | 1       | 0         | 12.94                | 12.88         | 13.33         | 14      |
|                                                                  |            | 1       | 13        | 12.61                | 12.28         | 12.59         | 14      |
|                                                                  |            | 1       | 24        | 12.74                | 12.78         | 13.03         | 14      |
|                                                                  |            | 12      | 0         | 13.03                | 13.05         | 13.25         | 14      |
|                                                                  |            | 12      | 6         | 12.69                | 12.71         | 12.54         | 14      |
|                                                                  |            | 12      | 13        | 13                   | 12.9          | 12.86         | 14      |
|                                                                  |            | 25      | 0         | 12.86                | 12.71         | 13.12         | 14      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38700   | 39150   | 39600   |         |
| 10MHz     | QPSK       | 1       | 0         | 13.13   | 13.24   | 13.24   | 14      |
|           |            | 1       | 25        | 13.02   | 13.17   | 12.78   | 14      |
|           |            | 1       | 49        | 12.98   | 13.15   | 13.16   | 14      |
|           |            | 25      | 0         | 13.06   | 13.16   | 13.19   | 14      |
|           |            | 25      | 13        | 13.07   | 13.22   | 13.19   | 14      |
|           |            | 25      | 25        | 13.14   | 13.26   | 13.17   | 14      |
|           |            | 50      | 0         | 13.03   | 13.24   | 13.17   | 14      |
|           | 16QAM      | 1       | 0         | 12.88   | 12.7    | 13.22   | 14      |
|           |            | 1       | 25        | 13.11   | 13.56   | 12.23   | 14      |
|           |            | 1       | 49        | 13.02   | 13.22   | 12.99   | 14      |
|           |            | 25      | 0         | 12.9    | 13      | 13.04   | 14      |
|           |            | 25      | 13        | 12.96   | 13.06   | 13.1    | 14      |
|           |            | 25      | 25        | 13.01   | 13.15   | 13.1    | 14      |
|           |            | 50      | 0         | 12.97   | 13.07   | 12.95   | 14      |
|           | 64QAM      | 1       | 0         | 12.9    | 12.9    | 13.25   | 14      |
|           |            | 1       | 25        | 12.66   | 12.35   | 12.5    | 14      |
|           |            | 1       | 49        | 12.79   | 12.84   | 12.92   | 14      |
|           |            | 25      | 0         | 13.07   | 13.08   | 13.2    | 14      |
|           |            | 25      | 13        | 12.76   | 12.71   | 12.54   | 14      |
|           |            | 25      | 25        | 13.01   | 12.98   | 12.85   | 14      |
|           |            | 50      | 0         | 12.93   | 12.84   | 13.12   | 14      |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 38725   | 39150   | 39575   |         |
| 15MHz     | QPSK       | 1       | 0         | 12.96   | 13      | 12.87   | 14      |
|           |            | 1       | 38        | 12.84   | 13.05   | 13.23   | 14      |
|           |            | 1       | 74        | 13.08   | 12.98   | 13.04   | 14      |
|           |            | 36      | 0         | 13.07   | 13.15   | 13.26   | 14      |
|           |            | 36      | 18        | 13.05   | 13.23   | 13.26   | 14      |
|           |            | 36      | 39        | 13.05   | 13.12   | 13.19   | 14      |
|           |            | 75      | 0         | 13.1    | 13.16   | 13.19   | 14      |
|           | 16QAM      | 1       | 0         | 13.37   | 13      | 12.85   | 14      |
|           |            | 1       | 38        | 13.14   | 13.3    | 13.03   | 14      |
|           |            | 1       | 74        | 13.16   | 13.35   | 13      | 14      |
|           |            | 36      | 0         | 12.91   | 13.06   | 13.19   | 14      |
|           |            | 36      | 18        | 12.92   | 12.98   | 13.05   | 14      |
|           |            | 36      | 39        | 12.85   | 13.07   | 13.02   | 14      |
|           |            | 75      | 0         | 12.99   | 13.2    | 13.01   | 14      |
|           | 64QAM      | 1       | 0         | 12.93   | 12.89   | 13.28   | 14      |
|           |            | 1       | 38        | 12.6    | 12.3    | 12.6    | 14      |
|           |            | 1       | 74        | 12.73   | 12.86   | 13.01   | 14      |
|           |            | 36      | 0         | 13.1    | 13.07   | 13.25   | 14      |
|           |            | 36      | 18        | 12.79   | 12.69   | 12.52   | 14      |
|           |            | 36      | 39        | 13.06   | 12.93   | 12.78   | 14      |
|           |            | 75      | 0         | 12.95   | 12.75   | 13.19   | 14      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38750   | 39150   | 39550   |         |
| 20MHz     | QPSK       | 1       | 0         | 13.23   | 13.24   | 13.18   | 14      |
|           |            | 1       | 50        | 12.86   | 13.04   | 13.12   | 14      |
|           |            | 1       | 99        | 13.28   | 13.19   | 13.38   | 14      |
|           |            | 50      | 0         | 13.1    | 13.2    | 13.22   | 14      |
|           |            | 50      | 25        | 13.09   | 13.13   | 13.19   | 14      |
|           |            | 50      | 50        | 13.05   | 13.2    | 13.27   | 14      |
|           |            | 100     | 0         | 13.13   | 13.2    | 13.22   | 14      |
|           | 16QAM      | 1       | 0         | 13.38   | 13.19   | 13.16   | 14      |
|           |            | 1       | 50        | 12.32   | 13.09   | 13.03   | 14      |
|           |            | 1       | 99        | 12.58   | 13.63   | 12.56   | 14      |
|           |            | 50      | 0         | 12.98   | 13.21   | 13.15   | 14      |
|           |            | 50      | 25        | 12.97   | 13.06   | 13.12   | 14      |
|           |            | 50      | 50        | 12.99   | 13.02   | 13.17   | 14      |
|           |            | 100     | 0         | 12.9    | 13.17   | 13.05   | 14      |
|           | 64QAM      | 1       | 0         | 13      | 12.85   | 13.23   | 14      |
|           |            | 1       | 50        | 12.61   | 12.36   | 12.61   | 14      |
|           |            | 1       | 99        | 12.82   | 12.78   | 12.95   | 14      |
|           |            | 50      | 0         | 13.04   | 13.1    | 13.2    | 14      |
|           |            | 50      | 25        | 12.8    | 12.75   | 12.55   | 14      |
|           |            | 50      | 50        | 13.02   | 12.96   | 12.83   | 14      |
|           |            | 100     | 0         | 12.92   | 12.72   | 13.07   | 14      |

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| LTE Band 40 Receiver off ( body or limbs ) + BT +<br>WiFi5G Ant1/Ant2/MIMO |            |            |              | Conducted Power(dBm) |                  |                  |         |
|----------------------------------------------------------------------------|------------|------------|--------------|----------------------|------------------|------------------|---------|
| Bandwidth                                                                  | Modulation | RB<br>size | RB<br>offset | Channel<br>38675     | Channel<br>39150 | Channel<br>39625 | Tune up |
| 5MHz                                                                       | QPSK       | 1          | 0            | 16.14                | 16.23            | 16.27            | 17      |
|                                                                            |            | 1          | 13           | 16.22                | 16.31            | 16.19            | 17      |
|                                                                            |            | 1          | 24           | 16.06                | 16.21            | 16.03            | 17      |
|                                                                            |            | 12         | 0            | 16.11                | 16.19            | 16.25            | 17      |
|                                                                            |            | 12         | 6            | 15.85                | 16.08            | 15.89            | 17      |
|                                                                            |            | 12         | 13           | 16.11                | 16.29            | 16.22            | 17      |
|                                                                            |            | 25         | 0            | 16.13                | 16.23            | 16.16            | 17      |
|                                                                            | 16QAM      | 1          | 0            | 16.5                 | 16.26            | 16.4             | 17      |
|                                                                            |            | 1          | 13           | 16.14                | 16.26            | 16.19            | 17      |
|                                                                            |            | 1          | 24           | 16.02                | 16.18            | 16.18            | 17      |
|                                                                            |            | 12         | 0            | 15.97                | 16.1             | 16.17            | 17      |
|                                                                            |            | 12         | 6            | 16                   | 16.11            | 16.12            | 17      |
|                                                                            |            | 12         | 13           | 16.08                | 16.23            | 16.11            | 17      |
|                                                                            |            | 25         | 0            | 15.99                | 16.13            | 15.95            | 17      |
|                                                                            | 64QAM      | 1          | 0            | 15.83                | 15.81            | 16.22            | 17      |
|                                                                            |            | 1          | 13           | 15.6                 | 15.24            | 15.51            | 17      |
|                                                                            |            | 1          | 24           | 15.65                | 15.71            | 16               | 17      |
|                                                                            |            | 12         | 0            | 16                   | 16               | 16.17            | 17      |
|                                                                            |            | 12         | 6            | 15.61                | 15.65            | 15.45            | 17      |
|                                                                            |            | 12         | 13           | 15.94                | 15.85            | 15.79            | 17      |
|                                                                            |            | 25         | 0            | 15.76                | 15.63            | 16.03            | 17      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38700   | 39150   | 39600   |         |
| 10MHz     | QPSK       | 1       | 0         | 16.13   | 16.17   | 16.24   | 17      |
|           |            | 1       | 25        | 15.47   | 16.09   | 16.19   | 17      |
|           |            | 1       | 49        | 16.05   | 16.1    | 16.09   | 17      |
|           |            | 25      | 0         | 16.11   | 16.25   | 16.18   | 17      |
|           |            | 25      | 13        | 16.1    | 16.18   | 16.28   | 17      |
|           |            | 25      | 25        | 16.08   | 16.17   | 16.24   | 17      |
|           |            | 50      | 0         | 16.15   | 16.23   | 16.31   | 17      |
|           | 16QAM      | 1       | 0         | 16.19   | 16.37   | 16.21   | 17      |
|           |            | 1       | 25        | 15.99   | 15.29   | 16.56   | 17      |
|           |            | 1       | 49        | 16      | 16.23   | 15.78   | 17      |
|           |            | 25      | 0         | 15.94   | 16.22   | 16.2    | 17      |
|           |            | 25      | 13        | 15.94   | 16.05   | 16.25   | 17      |
|           |            | 25      | 25        | 16.05   | 16      | 16.11   | 17      |
|           |            | 50      | 0         | 16      | 16.18   | 16.24   | 17      |
|           | 64QAM      | 1       | 0         | 15.89   | 15.88   | 16.27   | 17      |
|           |            | 1       | 25        | 15.54   | 15.19   | 15.48   | 17      |
|           |            | 1       | 49        | 15.71   | 15.72   | 16.01   | 17      |
|           |            | 25      | 0         | 16      | 15.97   | 16.21   | 17      |
|           |            | 25      | 13        | 15.62   | 15.63   | 15.46   | 17      |
|           |            | 25      | 25        | 15.91   | 15.86   | 15.8    | 17      |
|           |            | 50      | 0         | 15.79   | 15.61   | 16.03   | 17      |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 38725   | 39150   | 39575   |         |
| 15MHz     | QPSK       | 1       | 0         | 16.11   | 16.15   | 16.24   | 17      |
|           |            | 1       | 38        | 16.07   | 16.15   | 16.16   | 17      |
|           |            | 1       | 74        | 16.06   | 16.15   | 16.03   | 17      |
|           |            | 36      | 0         | 16.2    | 16.24   | 16.26   | 17      |
|           |            | 36      | 18        | 16.05   | 16.24   | 16.26   | 17      |
|           |            | 36      | 39        | 16.07   | 16.18   | 16.19   | 17      |
|           |            | 75      | 0         | 16      | 16.2    | 16.31   | 17      |
|           | 16QAM      | 1       | 0         | 16      | 16.27   | 16.42   | 17      |
|           |            | 1       | 38        | 16.05   | 16.12   | 16.5    | 17      |
|           |            | 1       | 74        | 16.05   | 16.39   | 16.19   | 17      |
|           |            | 36      | 0         | 16.11   | 16.25   | 16.26   | 17      |
|           |            | 36      | 18        | 16.07   | 16.02   | 16.28   | 17      |
|           |            | 36      | 39        | 15.98   | 16.17   | 16.1    | 17      |
|           |            | 75      | 0         | 16.03   | 16.11   | 16.08   | 17      |
|           | 64QAM      | 1       | 0         | 15.88   | 15.87   | 16.31   | 17      |
|           |            | 1       | 38        | 15.54   | 15.25   | 15.48   | 17      |
|           |            | 1       | 74        | 15.68   | 15.73   | 15.99   | 17      |
|           |            | 36      | 0         | 15.93   | 15.96   | 16.18   | 17      |
|           |            | 36      | 18        | 15.66   | 15.61   | 15.53   | 17      |
|           |            | 36      | 39        | 15.93   | 15.86   | 15.75   | 17      |
|           |            | 75      | 0         | 15.8    | 15.64   | 16.04   | 17      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38750   | 39150   | 39550   |         |
| 20MHz     | QPSK       | 1       | 0         | 16.09   | 16.29   | 16.32   | 17      |
|           |            | 1       | 50        | 15.88   | 15.79   | 16.21   | 17      |
|           |            | 1       | 99        | 16.15   | 16.24   | 16.11   | 17      |
|           |            | 50      | 0         | 16.16   | 16.25   | 16.27   | 17      |
|           |            | 50      | 25        | 16.12   | 16.16   | 16.15   | 17      |
|           |            | 50      | 50        | 16.11   | 16.12   | 16.22   | 17      |
|           |            | 100     | 0         | 16.09   | 16.21   | 16.2    | 17      |
|           | 16QAM      | 1       | 0         | 16.73   | 16.36   | 16.44   | 17      |
|           |            | 1       | 50        | 15.73   | 15.94   | 16.46   | 17      |
|           |            | 1       | 99        | 16.09   | 16.39   | 16.33   | 17      |
|           |            | 50      | 0         | 16.08   | 16.18   | 16.23   | 17      |
|           |            | 50      | 25        | 16.03   | 16.09   | 16.23   | 17      |
|           |            | 50      | 50        | 16      | 16.17   | 16.17   | 17      |
|           |            | 100     | 0         | 15.99   | 16.11   | 16.14   | 17      |
|           | 64QAM      | 1       | 0         | 15.84   | 15.83   | 16.23   | 17      |
|           |            | 1       | 50        | 15.56   | 15.19   | 15.48   | 17      |
|           |            | 1       | 99        | 15.68   | 15.72   | 15.97   | 17      |
|           |            | 50      | 0         | 15.93   | 16      | 16.14   | 17      |
|           |            | 50      | 25        | 15.63   | 15.64   | 15.49   | 17      |
|           |            | 50      | 50        | 15.92   | 15.85   | 15.83   | 17      |
|           |            | 100     | 0         | 15.77   | 15.71   | 16.02   | 17      |

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| LTE Band 40 Receiver on(Left head) + WiFi2.4G<br>Ant1 + WiFi5G Ant2 |            |            |              | Conducted Power(dBm) |                  |                  |         |
|---------------------------------------------------------------------|------------|------------|--------------|----------------------|------------------|------------------|---------|
| Bandwidth                                                           | Modulation | RB<br>size | RB<br>offset | Channel<br>38675     | Channel<br>39150 | Channel<br>39625 | Tune up |
| 5MHz                                                                | QPSK       | 1          | 0            | 15.59                | 15.71            | 15.84            | 16.5    |
|                                                                     |            | 1          | 13           | 15.61                | 15.68            | 15.81            | 16.5    |
|                                                                     |            | 1          | 24           | 15.61                | 15.71            | 15.55            | 16.5    |
|                                                                     |            | 12         | 0            | 15.62                | 15.72            | 15.77            | 16.5    |
|                                                                     |            | 12         | 6            | 15.64                | 15.7             | 15.74            | 16.5    |
|                                                                     |            | 12         | 13           | 15.61                | 15.83            | 15.66            | 16.5    |
|                                                                     |            | 25         | 0            | 15.59                | 15.65            | 15.69            | 16.5    |
|                                                                     | 16QAM      | 1          | 0            | 16.06                | 15.67            | 15.82            | 16.5    |
|                                                                     |            | 1          | 13           | 15.87                | 15.77            | 15.72            | 16.5    |
|                                                                     |            | 1          | 24           | 15.96                | 15.68            | 15.64            | 16.5    |
|                                                                     |            | 12         | 0            | 15.54                | 15.64            | 15.72            | 16.5    |
|                                                                     |            | 12         | 6            | 15.41                | 15.56            | 15.78            | 16.5    |
|                                                                     |            | 12         | 13           | 15.48                | 15.64            | 15.7             | 16.5    |
|                                                                     |            | 25         | 0            | 15.45                | 15.67            | 15.59            | 16.5    |
|                                                                     | 64QAM      | 1          | 0            | 15.51                | 15.49            | 15.93            | 16.5    |
|                                                                     |            | 1          | 13           | 15.21                | 14.99            | 15.17            | 16.5    |
|                                                                     |            | 1          | 24           | 15.42                | 15.38            | 15.57            | 16.5    |
|                                                                     |            | 12         | 0            | 15.67                | 15.71            | 15.77            | 16.5    |
|                                                                     |            | 12         | 6            | 15.45                | 15.41            | 15.13            | 16.5    |
|                                                                     |            | 12         | 13           | 15.61                | 15.58            | 15.43            | 16.5    |
|                                                                     |            | 25         | 0            | 15.49                | 15.39            | 15.73            | 16.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38700   | 39150   | 39600   |         |
| 10MHz     | QPSK       | 1       | 0         | 15.63   | 15.61   | 15.77   | 16.5    |
|           |            | 1       | 25        | 15.51   | 15.65   | 15.66   | 16.5    |
|           |            | 1       | 49        | 15.67   | 15.63   | 15.69   | 16.5    |
|           |            | 25      | 0         | 15.69   | 15.71   | 15.71   | 16.5    |
|           |            | 25      | 13        | 15.69   | 15.76   | 15.58   | 16.5    |
|           |            | 25      | 25        | 15.65   | 15.62   | 15.73   | 16.5    |
|           |            | 50      | 0         | 15.58   | 15.74   | 15.66   | 16.5    |
|           | 16QAM      | 1       | 0         | 15.99   | 16      | 16.05   | 16.5    |
|           |            | 1       | 25        | 15.12   | 15.97   | 15.92   | 16.5    |
|           |            | 1       | 49        | 15.46   | 15.93   | 15.69   | 16.5    |
|           |            | 25      | 0         | 15.67   | 15.8    | 15.71   | 16.5    |
|           |            | 25      | 13        | 15.62   | 15.65   | 15.55   | 16.5    |
|           |            | 25      | 25        | 15.59   | 15.69   | 15.62   | 16.5    |
|           |            | 50      | 0         | 15.5    | 15.66   | 15.68   | 16.5    |
|           | 64QAM      | 1       | 0         | 15.51   | 15.49   | 15.93   | 16.5    |
|           |            | 1       | 25        | 15.21   | 14.99   | 15.17   | 16.5    |
|           |            | 1       | 49        | 15.42   | 15.38   | 15.57   | 16.5    |
|           |            | 25      | 0         | 15.67   | 15.71   | 15.77   | 16.5    |
|           |            | 25      | 13        | 15.45   | 15.41   | 15.13   | 16.5    |
|           |            | 25      | 25        | 15.61   | 15.58   | 15.43   | 16.5    |
|           |            | 50      | 0         | 15.49   | 15.39   | 15.73   | 16.5    |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 38725   | 39150   | 39575   |         |
| 15MHz     | QPSK       | 1       | 0         | 15.66   | 15.75   | 15.69   | 16.5    |
|           |            | 1       | 38        | 15.53   | 15.64   | 15.72   | 16.5    |
|           |            | 1       | 74        | 15.5    | 15.58   | 15.58   | 16.5    |
|           |            | 36      | 0         | 15.58   | 15.75   | 15.75   | 16.5    |
|           |            | 36      | 18        | 15.67   | 15.74   | 15.8    | 16.5    |
|           |            | 36      | 39        | 15.6    | 15.67   | 15.7    | 16.5    |
|           |            | 75      | 0         | 15.62   | 15.71   | 15.65   | 16.5    |
|           | 16QAM      | 1       | 0         | 15.71   | 15.81   | 15.76   | 16.5    |
|           |            | 1       | 38        | 15.75   | 15.81   | 15.72   | 16.5    |
|           |            | 1       | 74        | 15.71   | 15.49   | 15.61   | 16.5    |
|           |            | 36      | 0         | 15.6    | 15.59   | 15.77   | 16.5    |
|           |            | 36      | 18        | 15.43   | 15.53   | 15.7    | 16.5    |
|           |            | 36      | 39        | 15.56   | 15.6    | 15.49   | 16.5    |
|           |            | 75      | 0         | 15.57   | 15.61   | 15.62   | 16.5    |
|           | 64QAM      | 1       | 0         | 15.51   | 15.49   | 15.93   | 16.5    |
|           |            | 1       | 38        | 15.21   | 14.99   | 15.17   | 16.5    |
|           |            | 1       | 74        | 15.42   | 15.38   | 15.57   | 16.5    |
|           |            | 36      | 0         | 15.67   | 15.71   | 15.77   | 16.5    |
|           |            | 36      | 18        | 15.45   | 15.41   | 15.13   | 16.5    |
|           |            | 36      | 39        | 15.61   | 15.58   | 15.43   | 16.5    |
|           |            | 75      | 0         | 15.49   | 15.39   | 15.73   | 16.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38750   | 39150   | 39550   |         |
| 20MHz     | QPSK       | 1       | 0         | 15.7    | 15.9    | 15.8    | 16.5    |
|           |            | 1       | 50        | 15.22   | 15.88   | 15.43   | 16.5    |
|           |            | 1       | 99        | 15.62   | 15.67   | 15.68   | 16.5    |
|           |            | 50      | 0         | 15.71   | 15.78   | 15.8    | 16.5    |
|           |            | 50      | 25        | 15.51   | 15.69   | 15.77   | 16.5    |
|           |            | 50      | 50        | 15.55   | 15.66   | 15.78   | 16.5    |
|           |            | 100     | 0         | 15.61   | 15.74   | 15.69   | 16.5    |
|           | 16QAM      | 1       | 0         | 15.66   | 16.06   | 15.75   | 16.5    |
|           |            | 1       | 50        | 15.89   | 15.02   | 15.95   | 16.5    |
|           |            | 1       | 99        | 15.68   | 15.74   | 15.93   | 16.5    |
|           |            | 50      | 0         | 15.61   | 15.69   | 15.71   | 16.5    |
|           |            | 50      | 25        | 15.42   | 15.69   | 15.64   | 16.5    |
|           |            | 50      | 50        | 15.45   | 15.55   | 15.67   | 16.5    |
|           |            | 100     | 0         | 15.51   | 15.62   | 15.54   | 16.5    |
|           | 64QAM      | 1       | 0         | 15.54   | 15.46   | 15.99   | 16.5    |
|           |            | 1       | 50        | 15.22   | 15.04   | 15.14   | 16.5    |
|           |            | 1       | 99        | 15.35   | 15.34   | 15.69   | 16.5    |
|           |            | 50      | 0         | 15.67   | 15.76   | 15.83   | 16.5    |
|           |            | 50      | 25        | 15.42   | 15.43   | 15.26   | 16.5    |
|           |            | 50      | 50        | 15.57   | 15.63   | 15.4    | 16.5    |
|           |            | 100     | 0         | 15.55   | 15.5    | 15.81   | 16.5    |

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| LTE Band 40 Receiver on(Right head) + WiFi2.4G<br>Ant1 + WiFi5G Ant2 |            |            |              | Conducted Power(dBm) |         |         |         |
|----------------------------------------------------------------------|------------|------------|--------------|----------------------|---------|---------|---------|
| Bandwidth                                                            | Modulation | RB<br>size | RB<br>offset | Channel              | Channel | Channel | Tune up |
|                                                                      |            |            |              | 38675                | 39150   | 39625   |         |
| 5MHz                                                                 | QPSK       | 1          | 0            | 15.03                | 15.22   | 15.23   | 16      |
|                                                                      |            | 1          | 13           | 15.04                | 15.21   | 15.15   | 16      |
|                                                                      |            | 1          | 24           | 15.04                | 15.05   | 14.95   | 16      |
|                                                                      |            | 12         | 0            | 15.2                 | 15.27   | 15.21   | 16      |
|                                                                      |            | 12         | 6            | 14.96                | 15.16   | 15.04   | 16      |
|                                                                      |            | 12         | 13           | 15.17                | 15.25   | 15.17   | 16      |
|                                                                      |            | 25         | 0            | 15.03                | 15.19   | 15.12   | 16      |
|                                                                      | 16QAM      | 1          | 0            | 15.21                | 15.24   | 15.67   | 16      |
|                                                                      |            | 1          | 13           | 14.93                | 15.23   | 15.46   | 16      |
|                                                                      |            | 1          | 24           | 15.45                | 15.71   | 15.41   | 16      |
|                                                                      |            | 12         | 0            | 15.09                | 15.2    | 15.21   | 16      |
|                                                                      |            | 12         | 6            | 14.96                | 14.99   | 14.96   | 16      |
|                                                                      |            | 12         | 13           | 14.94                | 15.14   | 15.07   | 16      |
|                                                                      |            | 25         | 0            | 15.1                 | 14.99   | 15.11   | 16      |
|                                                                      | 64QAM      | 1          | 0            | 14.91                | 14.91   | 15.37   | 16      |
|                                                                      |            | 1          | 13           | 14.63                | 14.45   | 14.61   | 16      |
|                                                                      |            | 1          | 24           | 14.85                | 14.79   | 15.02   | 16      |
|                                                                      |            | 12         | 0            | 15.1                 | 15.15   | 15.18   | 16      |
|                                                                      |            | 12         | 6            | 14.9                 | 14.81   | 14.58   | 16      |
|                                                                      |            | 12         | 13           | 15.06                | 14.98   | 14.89   | 16      |
|                                                                      |            | 25         | 0            | 14.89                | 14.82   | 15.16   | 16      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38700   | 39150   | 39600   |         |
| 10MHz     | QPSK       | 1       | 0         | 15.13   | 15.14   | 15.31   | 16      |
|           |            | 1       | 25        | 14.89   | 15      | 15.32   | 16      |
|           |            | 1       | 49        | 15.09   | 15.24   | 15.14   | 16      |
|           |            | 25      | 0         | 15.16   | 15.18   | 15.2    | 16      |
|           |            | 25      | 13        | 15.02   | 15.23   | 15.15   | 16      |
|           |            | 25      | 25        | 15.12   | 15.22   | 15.18   | 16      |
|           |            | 50      | 0         | 15.06   | 15.2    | 15.21   | 16      |
|           | 16QAM      | 1       | 0         | 15.36   | 15.18   | 15.48   | 16      |
|           |            | 1       | 25        | 15.52   | 15.25   | 15.72   | 16      |
|           |            | 1       | 49        | 15.36   | 15.29   | 15.18   | 16      |
|           |            | 25      | 0         | 15.12   | 15.2    | 15.16   | 16      |
|           |            | 25      | 13        | 14.99   | 15.12   | 15.22   | 16      |
|           |            | 25      | 25        | 15.08   | 15.18   | 15.14   | 16      |
|           |            | 50      | 0         | 15.08   | 15.08   | 15.08   | 16      |
|           | 64QAM      | 1       | 0         | 14.92   | 14.95   | 15.42   | 16      |
|           |            | 1       | 25        | 14.61   | 14.48   | 14.6    | 16      |
|           |            | 1       | 49        | 14.86   | 14.78   | 14.98   | 16      |
|           |            | 25      | 0         | 15.12   | 15.14   | 15.2    | 16      |
|           |            | 25      | 13        | 14.87   | 14.88   | 14.62   | 16      |
|           |            | 25      | 25        | 15.04   | 15.08   | 14.83   | 16      |
|           |            | 50      | 0         | 14.92   | 14.79   | 15.16   | 16      |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 38725   | 39150   | 39575   |         |
| 15MHz     | QPSK       | 1       | 0         | 15.14   | 15.19   | 15.25   | 16      |
|           |            | 1       | 38        | 15.13   | 15.23   | 15.18   | 16      |
|           |            | 1       | 74        | 14.98   | 15.11   | 15.01   | 16      |
|           |            | 36      | 0         | 15.16   | 15.31   | 15.31   | 16      |
|           |            | 36      | 18        | 15.13   | 15.18   | 15.32   | 16      |
|           |            | 36      | 39        | 15.06   | 15.24   | 15.26   | 16      |
|           |            | 75      | 0         | 15.08   | 15.14   | 15.23   | 16      |
|           | 16QAM      | 1       | 0         | 15.13   | 15.29   | 15.45   | 16      |
|           |            | 1       | 38        | 15.38   | 15.33   | 15.41   | 16      |
|           |            | 1       | 74        | 14.98   | 15.15   | 15.04   | 16      |
|           |            | 36      | 0         | 15.08   | 15.25   | 15.31   | 16      |
|           |            | 36      | 18        | 14.98   | 15.05   | 15.25   | 16      |
|           |            | 36      | 39        | 15.06   | 15.24   | 15.11   | 16      |
|           |            | 75      | 0         | 14.97   | 15.04   | 15.19   | 16      |
|           | 64QAM      | 1       | 0         | 14.94   | 14.98   | 15.35   | 16      |
|           |            | 1       | 38        | 14.67   | 14.48   | 14.6    | 16      |
|           |            | 1       | 74        | 14.84   | 14.81   | 14.99   | 16      |
|           |            | 36      | 0         | 15.11   | 15.12   | 15.23   | 16      |
|           |            | 36      | 18        | 14.92   | 14.88   | 14.59   | 16      |
|           |            | 36      | 39        | 15.08   | 15.04   | 14.84   | 16      |
|           |            | 75      | 0         | 14.97   | 14.82   | 15.21   | 16      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38750   | 39150   | 39550   |         |
| 20MHz     | QPSK       | 1       | 0         | 15.36   | 15.3    | 15.41   | 16      |
|           |            | 1       | 50        | 14.84   | 14.97   | 15.08   | 16      |
|           |            | 1       | 99        | 15.08   | 15.26   | 15.19   | 16      |
|           |            | 50      | 0         | 15.19   | 15.25   | 15.29   | 16      |
|           |            | 50      | 25        | 15.11   | 15.16   | 15.2    | 16      |
|           |            | 50      | 50        | 15.14   | 15.27   | 15.32   | 16      |
|           |            | 100     | 0         | 15.09   | 15.21   | 15.38   | 16      |
|           | 16QAM      | 1       | 0         | 15.51   | 15.3    | 15.11   | 16      |
|           |            | 1       | 50        | 15.17   | 15.07   | 15.33   | 16      |
|           |            | 1       | 99        | 15.11   | 15.1    | 15.29   | 16      |
|           |            | 50      | 0         | 15.08   | 15.12   | 15.16   | 16      |
|           |            | 50      | 25        | 14.98   | 15.13   | 15.2    | 16      |
|           |            | 50      | 50        | 14.93   | 15.05   | 15.1    | 16      |
|           |            | 100     | 0         | 15.14   | 15.24   | 15.06   | 16      |
|           | 64QAM      | 1       | 0         | 15      | 14.96   | 15.37   | 16      |
|           |            | 1       | 50        | 14.67   | 14.43   | 14.59   | 16      |
|           |            | 1       | 99        | 14.87   | 14.82   | 15.03   | 16      |
|           |            | 50      | 0         | 15.09   | 15.13   | 15.26   | 16      |
|           |            | 50      | 25        | 14.87   | 14.85   | 14.53   | 16      |
|           |            | 50      | 50        | 15.06   | 15.06   | 14.92   | 16      |
|           |            | 100     | 0         | 14.94   | 14.79   | 15.2    | 16      |

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|-----------------------------------------------------------------------------|------------|------------|--------------|----------------------|---------|---------|---------|
| Bandwidth                                                                   | Modulation | RB<br>size | RB<br>offset | Channel              | Channel | Channel | Tune up |
|                                                                             |            |            |              | 38675                | 39150   | 39625   |         |
| 5MHz                                                                        | QPSK       | 1          | 0            | 18.07                | 18.17   | 18.18   | 19      |
|                                                                             |            | 1          | 13           | 18.23                | 18.09   | 18.07   | 19      |
|                                                                             |            | 1          | 24           | 18.06                | 18.13   | 18.1    | 19      |
|                                                                             |            | 12         | 0            | 18.22                | 18.28   | 18.28   | 19      |
|                                                                             |            | 12         | 6            | 18.11                | 18.09   | 18.25   | 19      |
|                                                                             |            | 12         | 13           | 18.08                | 18.26   | 18.16   | 19      |
|                                                                             |            | 25         | 0            | 18.06                | 18.19   | 18.2    | 19      |
|                                                                             | 16QAM      | 1          | 0            | 18.29                | 18.2    | 18.28   | 19      |
|                                                                             |            | 1          | 13           | 18.25                | 18.19   | 18.1    | 19      |
|                                                                             |            | 1          | 24           | 18.21                | 18.17   | 18.04   | 19      |
|                                                                             |            | 12         | 0            | 18.16                | 18.12   | 18.22   | 19      |
|                                                                             |            | 12         | 6            | 17.98                | 18.19   | 18.11   | 19      |
|                                                                             |            | 12         | 13           | 18.06                | 18.22   | 18.09   | 19      |
|                                                                             |            | 25         | 0            | 18.17                | 18.13   | 18.14   | 19      |
|                                                                             | 64QAM      | 1          | 0            | 17.93                | 17.92   | 18.25   | 19      |
|                                                                             |            | 1          | 13           | 17.67                | 17.32   | 17.54   | 19      |
|                                                                             |            | 1          | 24           | 17.81                | 17.79   | 17.95   | 19      |
|                                                                             |            | 12         | 0            | 18.05                | 18.04   | 18.21   | 19      |
|                                                                             |            | 12         | 6            | 17.81                | 17.76   | 17.53   | 19      |
|                                                                             |            | 12         | 13           | 18.04                | 17.95   | 17.82   | 19      |
|                                                                             |            | 25         | 0            | 17.89                | 17.77   | 18.1    | 19      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38700   | 39150   | 39600   |         |
| 10MHz     | QPSK       | 1       | 0         | 18.15   | 18.15   | 18.22   | 19      |
|           |            | 1       | 25        | 17.89   | 18.03   | 18.4    | 19      |
|           |            | 1       | 49        | 18.07   | 18.09   | 18.17   | 19      |
|           |            | 25      | 0         | 18.08   | 18.21   | 18.18   | 19      |
|           |            | 25      | 13        | 18.08   | 18.14   | 18.2    | 19      |
|           |            | 25      | 25        | 18.04   | 18.15   | 18.18   | 19      |
|           |            | 50      | 0         | 17.99   | 18.11   | 18.3    | 19      |
|           | 16QAM      | 1       | 0         | 18.03   | 18.46   | 18.35   | 19      |
|           |            | 1       | 25        | 18.02   | 18.11   | 18.25   | 19      |
|           |            | 1       | 49        | 18.19   | 18.25   | 18.38   | 19      |
|           |            | 25      | 0         | 18.16   | 18.12   | 18.21   | 19      |
|           |            | 25      | 13        | 18.01   | 18.09   | 18.24   | 19      |
|           |            | 25      | 25        | 17.97   | 18.08   | 18.06   | 19      |
|           |            | 50      | 0         | 17.99   | 18.17   | 18.15   | 19      |
|           | 64QAM      | 1       | 0         | 17.93   | 17.92   | 18.35   | 19      |
|           |            | 1       | 25        | 17.65   | 17.39   | 17.52   | 19      |
|           |            | 1       | 49        | 17.8    | 17.72   | 17.93   | 19      |
|           |            | 25      | 0         | 18.01   | 18.05   | 18.24   | 19      |
|           |            | 25      | 13        | 17.83   | 17.74   | 17.41   | 19      |
|           |            | 25      | 25        | 17.98   | 17.97   | 17.86   | 19      |
|           |            | 50      | 0         | 17.91   | 17.71   | 18.18   | 19      |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 38725   | 39150   | 39575   |         |
| 15MHz     | QPSK       | 1       | 0         | 18.05   | 18.19   | 18.1    | 19      |
|           |            | 1       | 38        | 17.95   | 18.21   | 18.25   | 19      |
|           |            | 1       | 74        | 17.89   | 18.04   | 18.01   | 19      |
|           |            | 36      | 0         | 18.11   | 18.25   | 18.23   | 19      |
|           |            | 36      | 18        | 18.08   | 18.27   | 18.22   | 19      |
|           |            | 36      | 39        | 18.09   | 18.19   | 18.16   | 19      |
|           |            | 75      | 0         | 18.03   | 18.1    | 18.22   | 19      |
|           | 16QAM      | 1       | 0         | 18.36   | 17.99   | 18      | 19      |
|           |            | 1       | 38        | 17.99   | 18.25   | 18.37   | 19      |
|           |            | 1       | 74        | 18.07   | 18.17   | 18.23   | 19      |
|           |            | 36      | 0         | 18      | 18.1    | 18.09   | 19      |
|           |            | 36      | 18        | 17.97   | 18.05   | 18.12   | 19      |
|           |            | 36      | 39        | 17.97   | 17.99   | 18.13   | 19      |
|           |            | 75      | 0         | 17.94   | 18.01   | 18.13   | 19      |
|           | 64QAM      | 1       | 0         | 17.98   | 17.94   | 18.25   | 19      |
|           |            | 1       | 38        | 17.64   | 17.42   | 17.48   | 19      |
|           |            | 1       | 74        | 17.82   | 17.82   | 17.91   | 19      |
|           |            | 36      | 0         | 18.02   | 18.05   | 18.15   | 19      |
|           |            | 36      | 18        | 17.85   | 17.75   | 17.46   | 19      |
|           |            | 36      | 39        | 17.97   | 18      | 17.84   | 19      |
|           |            | 75      | 0         | 17.86   | 17.7    | 18.14   | 19      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 38750   | 39150   | 39550   |         |
| 20MHz     | QPSK       | 1       | 0         | 18.2    | 18.29   | 18.23   | 19      |
|           |            | 1       | 50        | 17.72   | 18.11   | 17.67   | 19      |
|           |            | 1       | 99        | 17.9    | 18.11   | 18      | 19      |
|           |            | 50      | 0         | 18.12   | 18.18   | 18.2    | 19      |
|           |            | 50      | 25        | 18.03   | 18.1    | 18.14   | 19      |
|           |            | 50      | 50        | 18.05   | 18.2    | 18.25   | 19      |
|           |            | 100     | 0         | 18.04   | 18.15   | 18.17   | 19      |
|           | 16QAM      | 1       | 0         | 18.74   | 18.35   | 18.34   | 19      |
|           |            | 1       | 50        | 18.17   | 18.11   | 18.63   | 19      |
|           |            | 1       | 99        | 18.16   | 18.4    | 18.13   | 19      |
|           |            | 50      | 0         | 18.02   | 18.14   | 18.11   | 19      |
|           |            | 50      | 25        | 17.94   | 17.97   | 18.13   | 19      |
|           |            | 50      | 50        | 17.98   | 17.93   | 18.18   | 19      |
|           |            | 100     | 0         | 17.96   | 18.05   | 18.16   | 19      |
|           | 64QAM      | 1       | 0         | 17.96   | 17.92   | 18.27   | 19      |
|           |            | 1       | 50        | 17.59   | 17.4    | 17.48   | 19      |
|           |            | 1       | 99        | 17.75   | 17.81   | 17.94   | 19      |
|           |            | 50      | 0         | 17.99   | 18.04   | 18.22   | 19      |
|           |            | 50      | 25        | 17.84   | 17.77   | 17.46   | 19      |
|           |            | 50      | 50        | 18.01   | 18.03   | 17.9    | 19      |
|           |            | 100     | 0         | 17.84   | 17.7    | 18.11   | 19      |

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| LTE Band 41 Receiver on(Left head) |            |         |           | Conducted Power(dBm) |         |         |         |
|------------------------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth                          | Modulation | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                                    |            |         |           | 40165                | 40690   | 41215   |         |
| 5MHz                               | QPSK       | 1       | 0         | 16.4                 | 16.47   | 16.41   | 17.5    |
|                                    |            | 1       | 13        | 16.36                | 16.44   | 16.41   | 17.5    |
|                                    |            | 1       | 24        | 16.39                | 16.47   | 16.41   | 17.5    |
|                                    |            | 12      | 0         | 16.44                | 16.49   | 16.5    | 17.5    |
|                                    |            | 12      | 6         | 16.38                | 16.52   | 16.42   | 17.5    |
|                                    |            | 12      | 13        | 16.46                | 16.54   | 16.46   | 17.5    |
|                                    |            | 25      | 0         | 16.43                | 16.5    | 16.46   | 17.5    |
|                                    | 16QAM      | 1       | 0         | 16.53                | 16.61   | 16.72   | 17.5    |
|                                    |            | 1       | 13        | 16.5                 | 16.6    | 16.69   | 17.5    |
|                                    |            | 1       | 24        | 16.46                | 16.64   | 16.73   | 17.5    |
|                                    |            | 12      | 0         | 16.39                | 16.44   | 16.44   | 17.5    |
|                                    |            | 12      | 6         | 16.3                 | 16.4    | 16.36   | 17.5    |
|                                    |            | 12      | 13        | 16.34                | 16.44   | 16.36   | 17.5    |
|                                    |            | 25      | 0         | 16.32                | 16.4    | 16.32   | 17.5    |
|                                    | 64QAM      | 1       | 0         | 16.48                | 16.68   | 16.57   | 17.5    |
|                                    |            | 1       | 13        | 15.89                | 15.94   | 16.09   | 17.5    |
|                                    |            | 1       | 24        | 16.4                 | 16.49   | 16.74   | 17.5    |
|                                    |            | 12      | 0         | 16.13                | 16.09   | 16.24   | 17.5    |
|                                    |            | 12      | 6         | 16.13                | 16.1    | 16.34   | 17.5    |
|                                    |            | 12      | 13        | 16.04                | 16.12   | 16.32   | 17.5    |
|                                    |            | 25      | 0         | 16.09                | 16.09   | 16.34   | 17.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40190   | 40690   | 41190   |         |
| 10MHz     | QPSK       | 1       | 0         | 16.34   | 16.48   | 16.38   | 17.5    |
|           |            | 1       | 25        | 16.19   | 16.31   | 16.25   | 17.5    |
|           |            | 1       | 49        | 16.34   | 16.47   | 16.39   | 17.5    |
|           |            | 25      | 0         | 16.37   | 16.44   | 16.4    | 17.5    |
|           |            | 25      | 13        | 16.36   | 16.4    | 16.37   | 17.5    |
|           |            | 25      | 25        | 16.37   | 16.45   | 16.41   | 17.5    |
|           |            | 50      | 0         | 16.34   | 16.46   | 16.38   | 17.5    |
|           | 16QAM      | 1       | 0         | 16.61   | 16.64   | 16.57   | 17.5    |
|           |            | 1       | 25        | 16.48   | 16.55   | 16.38   | 17.5    |
|           |            | 1       | 49        | 16.66   | 16.59   | 16.55   | 17.5    |
|           |            | 25      | 0         | 16.34   | 16.38   | 16.38   | 17.5    |
|           |            | 25      | 13        | 16.34   | 16.36   | 16.33   | 17.5    |
|           |            | 25      | 25        | 16.35   | 16.41   | 16.32   | 17.5    |
|           |            | 50      | 0         | 16.28   | 16.39   | 16.33   | 17.5    |
|           | 64QAM      | 1       | 0         | 16.52   | 16.71   | 16.66   | 17.5    |
|           |            | 1       | 25        | 15.9    | 15.96   | 16.12   | 17.5    |
|           |            | 1       | 49        | 16.37   | 16.5    | 16.7    | 17.5    |
|           |            | 25      | 0         | 16.19   | 16.09   | 16.24   | 17.5    |
|           |            | 25      | 13        | 16.12   | 16.02   | 16.26   | 17.5    |
|           |            | 25      | 25        | 16      | 16.12   | 16.31   | 17.5    |
|           |            | 50      | 0         | 16.1    | 16.14   | 16.37   | 17.5    |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 40215   | 40690   | 41165   |         |
| 15MHz     | QPSK       | 1       | 0         | 16.4    | 16.48   | 16.44   | 17.5    |
|           |            | 1       | 38        | 16.38   | 16.38   | 16.39   | 17.5    |
|           |            | 1       | 74        | 16.36   | 16.43   | 16.42   | 17.5    |
|           |            | 36      | 0         | 16.46   | 16.43   | 16.4    | 17.5    |
|           |            | 36      | 18        | 16.34   | 16.38   | 16.31   | 17.5    |
|           |            | 36      | 39        | 16.33   | 16.47   | 16.37   | 17.5    |
|           |            | 75      | 0         | 16.35   | 16.39   | 16.37   | 17.5    |
|           | 16QAM      | 1       | 0         | 16.53   | 16.49   | 16.41   | 17.5    |
|           |            | 1       | 38        | 16.48   | 16.46   | 16.41   | 17.5    |
|           |            | 1       | 74        | 16.5    | 16.55   | 16.49   | 17.5    |
|           |            | 36      | 0         | 16.43   | 16.38   | 16.35   | 17.5    |
|           |            | 36      | 18        | 16.32   | 16.33   | 16.28   | 17.5    |
|           |            | 36      | 39        | 16.34   | 16.42   | 16.29   | 17.5    |
|           |            | 75      | 0         | 16.26   | 16.34   | 16.29   | 17.5    |
|           | 64QAM      | 1       | 0         | 16.43   | 16.66   | 16.61   | 17.5    |
|           |            | 1       | 38        | 15.86   | 15.93   | 16.1    | 17.5    |
|           |            | 1       | 74        | 16.36   | 16.42   | 16.71   | 17.5    |
|           |            | 36      | 0         | 16.11   | 16.08   | 16.24   | 17.5    |
|           |            | 36      | 18        | 16.11   | 16.06   | 16.32   | 17.5    |
|           |            | 36      | 39        | 16.1    | 16.05   | 16.22   | 17.5    |
|           |            | 75      | 0         | 16.13   | 16.1    | 16.41   | 17.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel      | Channel      | Channel      | Tune up |
|-----------|------------|---------|-----------|--------------|--------------|--------------|---------|
|           |            |         |           | 40240        | 40690        | 41140        |         |
| 20MHz     | QPSK       | 1       | 0         | 16.59        | <b>16.68</b> | 16.63        | 17.5    |
|           |            | 1       | 50        | 16.05        | 15.85        | 15.84        | 17.5    |
|           |            | 1       | 99        | 16.65        | 16.63        | 16.56        | 17.5    |
|           |            | 50      | 0         | 16.44        | <b>16.5</b>  | 16.43        | 17.5    |
|           |            | 50      | 25        | 16.35        | 16.32        | 16.33        | 17.5    |
|           |            | 50      | 50        | 16.33        | 16.43        | 16.44        | 17.5    |
|           |            | 100     | 0         | <b>16.38</b> | <b>16.38</b> | <b>16.38</b> | 17.5    |
|           | 16QAM      | 1       | 0         | 16.78        | 16.81        | 16.8         | 17.5    |
|           |            | 1       | 50        | 16.5         | 16.12        | 16.23        | 17.5    |
|           |            | 1       | 99        | 16.77        | 16.76        | 16.77        | 17.5    |
|           |            | 50      | 0         | 16.37        | 16.39        | 16.34        | 17.5    |
|           |            | 50      | 25        | 16.25        | 16.25        | 16.24        | 17.5    |
|           |            | 50      | 50        | 16.25        | 16.43        | 16.38        | 17.5    |
|           |            | 100     | 0         | 16.37        | 16.28        | 16.35        | 17.5    |
|           | 64QAM      | 1       | 0         | 16.47        | 16.74        | 16.64        | 17.5    |
|           |            | 1       | 50        | 15.84        | 15.92        | 16.18        | 17.5    |
|           |            | 1       | 99        | 16.43        | 16.46        | 16.68        | 17.5    |
|           |            | 50      | 0         | 16.14        | 16.11        | 16.25        | 17.5    |
|           |            | 50      | 25        | 16.08        | 16           | 16.23        | 17.5    |
|           |            | 50      | 50        | 16.02        | 16.06        | 16.32        | 17.5    |
|           |            | 100     | 0         | 16.11        | 16.09        | 16.41        | 17.5    |

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| LTE Band 41 Receiver on(Right head) |            |         |           | Conducted Power(dBm) |         |         |         |
|-------------------------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth                           | Modulation | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                                     |            |         |           | 40165                | 40690   | 41215   |         |
| 5MHz                                | QPSK       | 1       | 0         | 15.92                | 16.09   | 15.97   | 17      |
|                                     |            | 1       | 13        | 15.95                | 16.08   | 15.97   | 17      |
|                                     |            | 1       | 24        | 15.94                | 16.07   | 16.01   | 17      |
|                                     |            | 12      | 0         | 16                   | 16.07   | 16.09   | 17      |
|                                     |            | 12      | 6         | 15.97                | 15.98   | 16      | 17      |
|                                     |            | 12      | 13        | 16.04                | 16.09   | 16.05   | 17      |
|                                     |            | 25      | 0         | 16.03                | 16.07   | 16.03   | 17      |
|                                     | 16QAM      | 1       | 0         | 16.2                 | 16.25   | 16.24   | 17      |
|                                     |            | 1       | 13        | 16.12                | 16.26   | 16.2    | 17      |
|                                     |            | 1       | 24        | 16.22                | 16.3    | 16.19   | 17      |
|                                     |            | 12      | 0         | 15.9                 | 15.98   | 15.95   | 17      |
|                                     |            | 12      | 6         | 15.85                | 15.97   | 15.92   | 17      |
|                                     |            | 12      | 13        | 15.87                | 15.94   | 15.92   | 17      |
|                                     |            | 25      | 0         | 15.92                | 15.99   | 15.99   | 17      |
|                                     | 64QAM      | 1       | 0         | 16.13                | 16.34   | 16.28   | 17      |
|                                     |            | 1       | 13        | 15.54                | 15.58   | 15.8    | 17      |
|                                     |            | 1       | 24        | 16.08                | 16.13   | 16.36   | 17      |
|                                     |            | 12      | 0         | 15.79                | 15.78   | 15.93   | 17      |
|                                     |            | 12      | 6         | 15.73                | 15.7    | 15.95   | 17      |
|                                     |            | 12      | 13        | 15.71                | 15.76   | 15.94   | 17      |
|                                     |            | 25      | 0         | 15.79                | 15.75   | 16.01   | 17      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40190   | 40690   | 41190   |         |
| 10MHz     | QPSK       | 1       | 0         | 16.01   | 16.09   | 15.98   | 17      |
|           |            | 1       | 25        | 15.9    | 15.95   | 15.88   | 17      |
|           |            | 1       | 49        | 16      | 16.11   | 16.05   | 17      |
|           |            | 25      | 0         | 15.98   | 16.06   | 16.06   | 17      |
|           |            | 25      | 13        | 16.02   | 16.02   | 15.97   | 17      |
|           |            | 25      | 25        | 16.05   | 16.1    | 16.06   | 17      |
|           |            | 50      | 0         | 16.03   | 16.07   | 15.98   | 17      |
|           | 16QAM      | 1       | 0         | 16.17   | 16.24   | 16.16   | 17      |
|           |            | 1       | 25        | 15.91   | 16.03   | 16.09   | 17      |
|           |            | 1       | 49        | 16      | 16.25   | 16.15   | 17      |
|           |            | 25      | 0         | 15.96   | 16.02   | 15.98   | 17      |
|           |            | 25      | 13        | 15.95   | 16.01   | 15.93   | 17      |
|           |            | 25      | 25        | 15.98   | 16.08   | 15.98   | 17      |
|           |            | 50      | 0         | 15.94   | 15.98   | 15.9    | 17      |
|           | 64QAM      | 1       | 0         | 16.13   | 16.34   | 16.28   | 17      |
|           |            | 1       | 25        | 15.54   | 15.58   | 15.8    | 17      |
|           |            | 1       | 49        | 16.08   | 16.13   | 16.36   | 17      |
|           |            | 25      | 0         | 15.79   | 15.78   | 15.93   | 17      |
|           |            | 25      | 13        | 15.73   | 15.7    | 15.95   | 17      |
|           |            | 25      | 25        | 15.71   | 15.76   | 15.94   | 17      |
|           |            | 50      | 0         | 15.79   | 15.75   | 16.01   | 17      |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 40215   | 40690   | 41165   |         |
| 15MHz     | QPSK       | 1       | 0         | 16.08   | 16.19   | 16.1    | 17      |
|           |            | 1       | 38        | 16.07   | 16.09   | 16.02   | 17      |
|           |            | 1       | 74        | 16.05   | 16.15   | 16.04   | 17      |
|           |            | 36      | 0         | 16.2    | 16.15   | 16.13   | 17      |
|           |            | 36      | 18        | 16.05   | 16.09   | 16      | 17      |
|           |            | 36      | 39        | 16.03   | 16.12   | 16.06   | 17      |
|           |            | 75      | 0         | 16.03   | 16.1    | 16.03   | 17      |
|           | 16QAM      | 1       | 0         | 16.15   | 16.19   | 16.3    | 17      |
|           |            | 1       | 38        | 16.1    | 16.12   | 16.15   | 17      |
|           |            | 1       | 74        | 16.07   | 16.12   | 16.24   | 17      |
|           |            | 36      | 0         | 16.07   | 16.05   | 16.01   | 17      |
|           |            | 36      | 18        | 15.97   | 16.01   | 15.9    | 17      |
|           |            | 36      | 39        | 16      | 16.05   | 15.93   | 17      |
|           |            | 75      | 0         | 15.95   | 16      | 15.94   | 17      |
|           | 64QAM      | 1       | 0         | 16.13   | 16.34   | 16.28   | 17      |
|           |            | 1       | 38        | 15.54   | 15.58   | 15.8    | 17      |
|           |            | 1       | 74        | 16.08   | 16.13   | 16.36   | 17      |
|           |            | 36      | 0         | 15.79   | 15.78   | 15.93   | 17      |
|           |            | 36      | 18        | 15.73   | 15.7    | 15.95   | 17      |
|           |            | 36      | 39        | 15.71   | 15.76   | 15.94   | 17      |
|           |            | 75      | 0         | 15.79   | 15.75   | 16.01   | 17      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel      | Channel | Tune up |
|-----------|------------|---------|-----------|---------|--------------|---------|---------|
|           |            |         |           | 40240   | 40690        | 41140   |         |
| 20MHz     | QPSK       | 1       | 0         | 16.26   | <b>16.31</b> | 16.29   | 17      |
|           |            | 1       | 50        | 15.83   | 15.9         | 15.81   | 17      |
|           |            | 1       | 99        | 16.23   | 16.23        | 16.22   | 17      |
|           |            | 50      | 0         | 16.16   | <b>16.19</b> | 16.13   | 17      |
|           |            | 50      | 25        | 16.02   | 16.04        | 16.03   | 17      |
|           |            | 50      | 50        | 16.08   | 16.13        | 15.98   | 17      |
|           |            | 100     | 0         | 16.04   | 16.12        | 16.16   | 17      |
|           | 16QAM      | 1       | 0         | 16.36   | 16.42        | 16.58   | 17      |
|           |            | 1       | 50        | 15.94   | 16.17        | 16.08   | 17      |
|           |            | 1       | 99        | 16.32   | 16.4         | 16.45   | 17      |
|           |            | 50      | 0         | 16.07   | 16.06        | 16.09   | 17      |
|           |            | 50      | 25        | 15.93   | 15.97        | 15.91   | 17      |
|           |            | 50      | 50        | 16.02   | 16.05        | 15.93   | 17      |
|           |            | 100     | 0         | 16.03   | 16.04        | 16.03   | 17      |
|           | 64QAM      | 1       | 0         | 16.13   | 16.34        | 16.28   | 17      |
|           |            | 1       | 50        | 15.54   | 15.58        | 15.8    | 17      |
|           |            | 1       | 99        | 16.08   | 16.13        | 16.36   | 17      |
|           |            | 50      | 0         | 15.79   | 15.78        | 15.93   | 17      |
|           |            | 50      | 25        | 15.73   | 15.7         | 15.95   | 17      |
|           |            | 50      | 50        | 15.71   | 15.76        | 15.94   | 17      |
|           |            | 100     | 0         | 15.79   | 15.75        | 16.01   | 17      |

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| LTE Band 41 Receiver off ( body or limbs ) |            |         |           | Conducted Power(dBm) |         |         |         |
|--------------------------------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth                                  | Modulation | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                                            |            |         |           | 40165                | 40690   | 41215   |         |
| 5MHz                                       | QPSK       | 1       | 0         | 18.89                | 18.98   | 19.05   | 20      |
|                                            |            | 1       | 13        | 18.81                | 18.96   | 19.12   | 20      |
|                                            |            | 1       | 24        | 18.9                 | 18.92   | 19.13   | 20      |
|                                            |            | 12      | 0         | 18.94                | 19.13   | 19.11   | 20      |
|                                            |            | 12      | 6         | 18.94                | 19      | 18.96   | 20      |
|                                            |            | 12      | 13        | 18.93                | 19.05   | 19.19   | 20      |
|                                            |            | 25      | 0         | 19.02                | 18.95   | 19.18   | 20      |
|                                            | 16QAM      | 1       | 0         | 19.12                | 18.86   | 19.17   | 20      |
|                                            |            | 1       | 13        | 19.02                | 19.06   | 19.19   | 20      |
|                                            |            | 1       | 24        | 19.08                | 19.06   | 19.21   | 20      |
|                                            |            | 12      | 0         | 18.93                | 18.95   | 19.22   | 20      |
|                                            |            | 12      | 6         | 18.88                | 18.96   | 18.99   | 20      |
|                                            |            | 12      | 13        | 18.86                | 19.02   | 19.17   | 20      |
|                                            |            | 25      | 0         | 18.84                | 18.89   | 18.97   | 20      |
|                                            | 64QAM      | 1       | 0         | 19.11                | 19.24   | 19.36   | 20      |
|                                            |            | 1       | 13        | 18.55                | 18.63   | 18.69   | 20      |
|                                            |            | 1       | 24        | 19.15                | 19.15   | 19.45   | 20      |
|                                            |            | 12      | 0         | 18.82                | 18.7    | 18.89   | 20      |
|                                            |            | 12      | 6         | 18.73                | 18.6    | 18.84   | 20      |
|                                            |            | 12      | 13        | 18.71                | 18.72   | 18.95   | 20      |
|                                            |            | 25      | 0         | 18.83                | 18.73   | 18.92   | 20      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40190   | 40690   | 41190   |         |
| 10MHz     | QPSK       | 1       | 0         | 18.96   | 18.84   | 19.08   | 20      |
|           |            | 1       | 25        | 19.09   | 18.83   | 18.97   | 20      |
|           |            | 1       | 49        | 19.03   | 19      | 19.11   | 20      |
|           |            | 25      | 0         | 18.95   | 18.95   | 19.11   | 20      |
|           |            | 25      | 13        | 18.97   | 18.91   | 18.96   | 20      |
|           |            | 25      | 25        | 19.01   | 19.09   | 19.2    | 20      |
|           |            | 50      | 0         | 18.93   | 19.01   | 19.12   | 20      |
|           | 16QAM      | 1       | 0         | 18.91   | 18.98   | 19      | 20      |
|           |            | 1       | 25        | 19.25   | 18.83   | 18.96   | 20      |
|           |            | 1       | 49        | 18.95   | 19.16   | 19.03   | 20      |
|           |            | 25      | 0         | 18.96   | 18.9    | 19.11   | 20      |
|           |            | 25      | 13        | 18.9    | 18.91   | 18.98   | 20      |
|           |            | 25      | 25        | 18.93   | 18.99   | 19.13   | 20      |
|           |            | 50      | 0         | 18.89   | 18.96   | 19.05   | 20      |
|           | 64QAM      | 1       | 0         | 19.18   | 19.28   | 19.27   | 20      |
|           |            | 1       | 25        | 18.49   | 18.54   | 18.76   | 20      |
|           |            | 1       | 49        | 19.09   | 19.14   | 19.38   | 20      |
|           |            | 25      | 0         | 18.83   | 18.71   | 18.94   | 20      |
|           |            | 25      | 13        | 18.63   | 18.71   | 18.88   | 20      |
|           |            | 25      | 25        | 18.66   | 18.64   | 18.99   | 20      |
|           |            | 50      | 0         | 18.82   | 18.65   | 18.86   | 20      |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 40215   | 40690   | 41165   |         |
| 15MHz     | QPSK       | 1       | 0         | 18.92   | 18.97   | 19.25   | 20      |
|           |            | 1       | 38        | 18.96   | 18.98   | 19.17   | 20      |
|           |            | 1       | 74        | 18.95   | 19.11   | 19.17   | 20      |
|           |            | 36      | 0         | 19.05   | 19.12   | 19.29   | 20      |
|           |            | 36      | 18        | 18.99   | 19.12   | 19.13   | 20      |
|           |            | 36      | 39        | 18.92   | 19.15   | 19.17   | 20      |
|           |            | 75      | 0         | 18.99   | 19.11   | 19.18   | 20      |
|           | 16QAM      | 1       | 0         | 19.09   | 18.83   | 19.03   | 20      |
|           |            | 1       | 38        | 18.99   | 19.12   | 19.15   | 20      |
|           |            | 1       | 74        | 19.23   | 19.36   | 19.12   | 20      |
|           |            | 36      | 0         | 19.06   | 19.1    | 19.11   | 20      |
|           |            | 36      | 18        | 18.93   | 19.05   | 19.02   | 20      |
|           |            | 36      | 39        | 19.01   | 19.14   | 19.21   | 20      |
|           |            | 75      | 0         | 18.89   | 18.94   | 19.07   | 20      |
|           | 64QAM      | 1       | 0         | 19.11   | 19.23   | 19.28   | 20      |
|           |            | 1       | 38        | 18.54   | 18.54   | 18.82   | 20      |
|           |            | 1       | 74        | 19.13   | 19.04   | 19.32   | 20      |
|           |            | 36      | 0         | 18.71   | 18.67   | 18.88   | 20      |
|           |            | 36      | 18        | 18.64   | 18.64   | 18.89   | 20      |
|           |            | 36      | 39        | 18.73   | 18.72   | 18.91   | 20      |
|           |            | 75      | 0         | 18.77   | 18.76   | 18.91   | 20      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40240   | 40690   | 41140   |         |
| 20MHz     | QPSK       | 1       | 0         | 19.13   | 19.12   | 19.26   | 20      |
|           |            | 1       | 50        | 18.48   | 19.14   | 19      | 20      |
|           |            | 1       | 99        | 19.24   | 19.44   | 19.3    | 20      |
|           |            | 50      | 0         | 19.07   | 19.05   | 19.16   | 20      |
|           |            | 50      | 25        | 18.93   | 18.98   | 19.15   | 20      |
|           |            | 50      | 50        | 19.02   | 19.08   | 19.2    | 20      |
|           |            | 100     | 0         | 19.02   | 19      | 19.19   | 20      |
|           | 16QAM      | 1       | 0         | 19.12   | 19.33   | 19.23   | 20      |
|           |            | 1       | 50        | 18.81   | 18.86   | 18.74   | 20      |
|           |            | 1       | 99        | 19.11   | 19.18   | 19.51   | 20      |
|           |            | 50      | 0         | 18.94   | 18.96   | 19.14   | 20      |
|           |            | 50      | 25        | 18.82   | 18.94   | 19.07   | 20      |
|           |            | 50      | 50        | 18.93   | 18.98   | 19.06   | 20      |
|           |            | 100     | 0         | 18.92   | 18.98   | 19.2    | 20      |
|           | 64QAM      | 1       | 0         | 19.2    | 19.36   | 19.36   | 20      |
|           |            | 1       | 50        | 18.6    | 18.65   | 18.84   | 20      |
|           |            | 1       | 99        | 19.18   | 19.16   | 19.45   | 20      |
|           |            | 50      | 0         | 18.87   | 18.82   | 19      | 20      |
|           |            | 50      | 25        | 18.77   | 18.75   | 18.99   | 20      |
|           |            | 50      | 50        | 18.75   | 18.8    | 19.03   | 20      |
|           |            | 100     | 0         | 18.85   | 18.79   | 19.01   | 20      |

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| LTE Band 41 Receiver off ( body or limbs ) + hotspot 2.4G |            |         |           | Conducted Power(dBm) |               |               |         |
|-----------------------------------------------------------|------------|---------|-----------|----------------------|---------------|---------------|---------|
| Bandwidth                                                 | Modulation | RB size | RB offset | Channel 40165        | Channel 40690 | Channel 41215 | Tune up |
| 5MHz                                                      | QPSK       | 1       | 0         | 15.91                | 15.92         | 16.06         | 17      |
|                                                           |            | 1       | 13        | 15.79                | 15.97         | 15.95         | 17      |
|                                                           |            | 1       | 24        | 15.85                | 15.97         | 15.95         | 17      |
|                                                           |            | 12      | 0         | 15.97                | 15.99         | 16.12         | 17      |
|                                                           |            | 12      | 6         | 16                   | 15.89         | 16.08         | 17      |
|                                                           |            | 12      | 13        | 16                   | 15.94         | 16.14         | 17      |
|                                                           |            | 25      | 0         | 15.95                | 16.07         | 16.05         | 17      |
|                                                           | 16QAM      | 1       | 0         | 15.8                 | 16.01         | 15.98         | 17      |
|                                                           |            | 1       | 13        | 15.69                | 15.92         | 16            | 17      |
|                                                           |            | 1       | 24        | 16.09                | 16.02         | 15.99         | 17      |
|                                                           |            | 12      | 0         | 15.8                 | 15.9          | 16.03         | 17      |
|                                                           |            | 12      | 6         | 15.92                | 15.89         | 16.09         | 17      |
|                                                           |            | 12      | 13        | 15.89                | 15.95         | 15.95         | 17      |
|                                                           |            | 25      | 0         | 15.89                | 15.98         | 15.95         | 17      |
|                                                           | 64QAM      | 1       | 0         | 16.04                | 16.08         | 15.96         | 17      |
|                                                           |            | 1       | 13        | 15.47                | 15.51         | 15.76         | 17      |
|                                                           |            | 1       | 24        | 15.96                | 16.06         | 16.28         | 17      |
|                                                           |            | 12      | 0         | 15.73                | 15.69         | 15.86         | 17      |
|                                                           |            | 12      | 6         | 15.63                | 15.65         | 15.89         | 17      |
|                                                           |            | 12      | 13        | 15.64                | 15.71         | 15.81         | 17      |
|                                                           |            | 25      | 0         | 15.76                | 15.67         | 15.96         | 17      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40190   | 40690   | 41190   |         |
| 10MHz     | QPSK       | 1       | 0         | 15.88   | 15.94   | 16.05   | 17      |
|           |            | 1       | 25        | 16.13   | 16.04   | 15.95   | 17      |
|           |            | 1       | 49        | 15.89   | 15.99   | 16.11   | 17      |
|           |            | 25      | 0         | 15.92   | 15.98   | 16.07   | 17      |
|           |            | 25      | 13        | 15.88   | 15.94   | 16.22   | 17      |
|           |            | 25      | 25        | 15.91   | 16      | 16.15   | 17      |
|           |            | 50      | 0         | 15.98   | 16.03   | 16.05   | 17      |
|           | 16QAM      | 1       | 0         | 16.05   | 16.21   | 16.07   | 17      |
|           |            | 1       | 25        | 15.42   | 15.75   | 15.41   | 17      |
|           |            | 1       | 49        | 15.87   | 15.78   | 15.92   | 17      |
|           |            | 25      | 0         | 15.76   | 15.9    | 15.96   | 17      |
|           |            | 25      | 13        | 15.82   | 16.03   | 16.21   | 17      |
|           |            | 25      | 25        | 15.97   | 15.86   | 16.06   | 17      |
|           |            | 50      | 0         | 15.88   | 15.94   | 16.15   | 17      |
|           | 64QAM      | 1       | 0         | 16.04   | 16.03   | 15.93   | 17      |
|           |            | 1       | 25        | 15.51   | 15.52   | 15.73   | 17      |
|           |            | 1       | 49        | 16.01   | 16      | 16.25   | 17      |
|           |            | 25      | 0         | 15.69   | 15.68   | 15.86   | 17      |
|           |            | 25      | 13        | 15.67   | 15.62   | 15.86   | 17      |
|           |            | 25      | 25        | 15.63   | 15.73   | 15.8    | 17      |
|           |            | 50      | 0         | 15.67   | 15.66   | 15.97   | 17      |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 40215   | 40690   | 41165   |         |
| 15MHz     | QPSK       | 1       | 0         | 16.02   | 15.98   | 16.24   | 17      |
|           |            | 1       | 38        | 15.98   | 15.98   | 16.09   | 17      |
|           |            | 1       | 74        | 15.96   | 16.04   | 16.11   | 17      |
|           |            | 36      | 0         | 16.09   | 16      | 16.16   | 17      |
|           |            | 36      | 18        | 15.93   | 16.02   | 16.11   | 17      |
|           |            | 36      | 39        | 15.96   | 16.06   | 16.14   | 17      |
|           |            | 75      | 0         | 15.93   | 16.1    | 16.14   | 17      |
|           | 16QAM      | 1       | 0         | 16      | 16.1    | 15.9    | 17      |
|           |            | 1       | 38        | 16.13   | 15.99   | 16.2    | 17      |
|           |            | 1       | 74        | 15.88   | 15.87   | 15.88   | 17      |
|           |            | 36      | 0         | 16.02   | 16.02   | 16.03   | 17      |
|           |            | 36      | 18        | 15.87   | 15.96   | 15.99   | 17      |
|           |            | 36      | 39        | 15.83   | 15.94   | 16.01   | 17      |
|           |            | 75      | 0         | 15.83   | 15.89   | 16.09   | 17      |
|           | 64QAM      | 1       | 0         | 15.98   | 16.12   | 15.95   | 17      |
|           |            | 1       | 38        | 15.47   | 15.51   | 15.75   | 17      |
|           |            | 1       | 74        | 16.02   | 16.03   | 16.34   | 17      |
|           |            | 36      | 0         | 15.66   | 15.74   | 15.77   | 17      |
|           |            | 36      | 18        | 15.69   | 15.6    | 15.81   | 17      |
|           |            | 36      | 39        | 15.65   | 15.67   | 15.86   | 17      |
|           |            | 75      | 0         | 15.76   | 15.72   | 15.9    | 17      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel      | Tune up |
|-----------|------------|---------|-----------|---------|---------|--------------|---------|
|           |            |         |           | 40240   | 40690   | 41140        |         |
| 20MHz     | QPSK       | 1       | 0         | 16.18   | 16.28   | <b>16.4</b>  | 17      |
|           |            | 1       | 50        | 16.05   | 15.76   | 15.88        | 17      |
|           |            | 1       | 99        | 16.19   | 16.29   | 16.29        | 17      |
|           |            | 50      | 0         | 15.98   | 16.02   | <b>16.2</b>  | 17      |
|           |            | 50      | 25        | 15.91   | 16.08   | 16.09        | 17      |
|           |            | 50      | 50        | 16.01   | 16.06   | 16.12        | 17      |
|           |            | 100     | 0         | 16      | 15.97   | <b>16.07</b> | 17      |
|           | 16QAM      | 1       | 0         | 16.06   | 16.11   | 16.27        | 17      |
|           |            | 1       | 50        | 15.71   | 16.14   | 15.86        | 17      |
|           |            | 1       | 99        | 16.03   | 16.18   | 16.14        | 17      |
|           |            | 50      | 0         | 15.96   | 16.06   | 16.11        | 17      |
|           |            | 50      | 25        | 15.79   | 15.98   | 16.07        | 17      |
|           |            | 50      | 50        | 15.96   | 16.05   | 16.18        | 17      |
|           |            | 100     | 0         | 15.89   | 15.99   | 15.95        | 17      |
|           | 64QAM      | 1       | 0         | 16.03   | 16.06   | 16.02        | 17      |
|           |            | 1       | 50        | 15.45   | 15.48   | 15.74        | 17      |
|           |            | 1       | 99        | 15.99   | 16.06   | 16.28        | 17      |
|           |            | 50      | 0         | 15.67   | 15.74   | 15.81        | 17      |
|           |            | 50      | 25        | 15.71   | 15.58   | 15.89        | 17      |
|           |            | 50      | 50        | 15.63   | 15.66   | 15.83        | 17      |
|           |            | 100     | 0         | 15.68   | 15.67   | 15.99        | 17      |

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| LTE Band 41 Receiver off ( body or limbs ) + hotspot 5G |            |         |           | Conducted Power(dBm) |         |         |         |
|---------------------------------------------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth                                               | Modulation | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                                                         |            |         |           | 40165                | 40690   | 41215   |         |
| 5MHz                                                    | QPSK       | 1       | 0         | 13.82                | 13.85   | 13.93   | 14.7    |
|                                                         |            | 1       | 13        | 13.86                | 13.96   | 14.04   | 14.7    |
|                                                         |            | 1       | 24        | 13.85                | 14.04   | 14.13   | 14.7    |
|                                                         |            | 12      | 0         | 14.01                | 13.95   | 14.15   | 14.7    |
|                                                         |            | 12      | 6         | 13.89                | 13.98   | 14.11   | 14.7    |
|                                                         |            | 12      | 13        | 13.94                | 14.07   | 14.08   | 14.7    |
|                                                         |            | 25      | 0         | 13.89                | 14.05   | 13.97   | 14.7    |
|                                                         | 16QAM      | 1       | 0         | 13.75                | 14.05   | 14      | 14.7    |
|                                                         |            | 1       | 13        | 13.93                | 14.01   | 14.26   | 14.7    |
|                                                         |            | 1       | 24        | 13.96                | 13.92   | 14.26   | 14.7    |
|                                                         |            | 12      | 0         | 13.8                 | 13.92   | 14.12   | 14.7    |
|                                                         |            | 12      | 6         | 13.7                 | 14.15   | 14.04   | 14.7    |
|                                                         |            | 12      | 13        | 13.98                | 14.03   | 13.98   | 14.7    |
|                                                         |            | 25      | 0         | 13.89                | 13.94   | 14.05   | 14.7    |
|                                                         | 64QAM      | 1       | 0         | 14.03                | 13.96   | 13.93   | 14.7    |
|                                                         |            | 1       | 13        | 13.45                | 13.39   | 13.69   | 14.7    |
|                                                         |            | 1       | 24        | 13.96                | 14.02   | 14.26   | 14.7    |
|                                                         |            | 12      | 0         | 13.62                | 13.64   | 13.8    | 14.7    |
|                                                         |            | 12      | 6         | 13.63                | 13.56   | 13.86   | 14.7    |
|                                                         |            | 12      | 13        | 13.57                | 13.57   | 13.81   | 14.7    |
|                                                         |            | 25      | 0         | 13.61                | 13.66   | 13.98   | 14.7    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40190   | 40690   | 41190   |         |
| 10MHz     | QPSK       | 1       | 0         | 13.83   | 13.92   | 14.09   | 14.7    |
|           |            | 1       | 25        | 13.5    | 13.44   | 13.85   | 14.7    |
|           |            | 1       | 49        | 13.72   | 14.01   | 13.98   | 14.7    |
|           |            | 25      | 0         | 13.87   | 13.97   | 14.08   | 14.7    |
|           |            | 25      | 13        | 14.05   | 13.91   | 14.05   | 14.7    |
|           |            | 25      | 25        | 13.96   | 14.08   | 14.08   | 14.7    |
|           |            | 50      | 0         | 13.91   | 14      | 14.07   | 14.7    |
|           | 16QAM      | 1       | 0         | 14.13   | 13.78   | 14.14   | 14.7    |
|           |            | 1       | 25        | 13.77   | 14.17   | 13.12   | 14.7    |
|           |            | 1       | 49        | 14      | 13.85   | 14.33   | 14.7    |
|           |            | 25      | 0         | 13.8    | 13.88   | 14.05   | 14.7    |
|           |            | 25      | 13        | 13.9    | 13.99   | 14.07   | 14.7    |
|           |            | 25      | 25        | 13.89   | 14.01   | 14.02   | 14.7    |
|           |            | 50      | 0         | 13.88   | 13.95   | 13.92   | 14.7    |
|           | 64QAM      | 1       | 0         | 13.96   | 13.99   | 13.93   | 14.7    |
|           |            | 1       | 25        | 13.42   | 13.4    | 13.74   | 14.7    |
|           |            | 1       | 49        | 13.91   | 14.03   | 14.27   | 14.7    |
|           |            | 25      | 0         | 13.6    | 13.65   | 13.8    | 14.7    |
|           |            | 25      | 13        | 13.7    | 13.49   | 13.79   | 14.7    |
|           |            | 25      | 25        | 13.57   | 13.6    | 13.81   | 14.7    |
|           |            | 50      | 0         | 13.64   | 13.58   | 13.98   | 14.7    |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 40215   | 40690   | 41165   |         |
| 15MHz     | QPSK       | 1       | 0         | 14.01   | 13.94   | 14.23   | 14.7    |
|           |            | 1       | 38        | 13.86   | 13.95   | 14.08   | 14.7    |
|           |            | 1       | 74        | 13.89   | 14.07   | 14.19   | 14.7    |
|           |            | 36      | 0         | 13.99   | 13.99   | 14.09   | 14.7    |
|           |            | 36      | 18        | 13.99   | 13.99   | 14.12   | 14.7    |
|           |            | 36      | 39        | 13.92   | 14.13   | 14.11   | 14.7    |
|           |            | 75      | 0         | 14.02   | 14.11   | 14.17   | 14.7    |
|           | 16QAM      | 1       | 0         | 13.8    | 13.74   | 14.15   | 14.7    |
|           |            | 1       | 38        | 13.94   | 14.02   | 14.03   | 14.7    |
|           |            | 1       | 74        | 13.9    | 13.94   | 14.08   | 14.7    |
|           |            | 36      | 0         | 13.96   | 14.1    | 14.06   | 14.7    |
|           |            | 36      | 18        | 13.95   | 13.95   | 14.07   | 14.7    |
|           |            | 36      | 39        | 13.9    | 14.12   | 14.12   | 14.7    |
|           |            | 75      | 0         | 13.94   | 13.92   | 14.07   | 14.7    |
|           | 64QAM      | 1       | 0         | 14.02   | 14.05   | 13.96   | 14.7    |
|           |            | 1       | 38        | 13.39   | 13.48   | 13.65   | 14.7    |
|           |            | 1       | 74        | 13.91   | 14.02   | 14.26   | 14.7    |
|           |            | 36      | 0         | 13.59   | 13.72   | 13.81   | 14.7    |
|           |            | 36      | 18        | 13.66   | 13.5    | 13.84   | 14.7    |
|           |            | 36      | 39        | 13.61   | 13.58   | 13.74   | 14.7    |
|           |            | 75      | 0         | 13.66   | 13.59   | 13.93   | 14.7    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel      | Tune up |
|-----------|------------|---------|-----------|---------|---------|--------------|---------|
|           |            |         |           | 40240   | 40690   | 41140        |         |
| 20MHz     | QPSK       | 1       | 0         | 14.05   | 14.2    | <b>14.42</b> | 14.7    |
|           |            | 1       | 50        | 13.78   | 13.48   | 14.37        | 14.7    |
|           |            | 1       | 99        | 14.3    | 14.29   | 14.34        | 14.7    |
|           |            | 50      | 0         | 14.03   | 13.99   | <b>14.16</b> | 14.7    |
|           |            | 50      | 25        | 13.91   | 14.01   | 14.15        | 14.7    |
|           |            | 50      | 50        | 13.94   | 14.08   | 14.13        | 14.7    |
|           |            | 100     | 0         | 14.03   | 14.03   | <b>14.12</b> | 14.7    |
|           | 16QAM      | 1       | 0         | 14.11   | 14.08   | 14.3         | 14.7    |
|           |            | 1       | 50        | 13.73   | 13.92   | 13.78        | 14.7    |
|           |            | 1       | 99        | 14.38   | 14.28   | 14.05        | 14.7    |
|           |            | 50      | 0         | 14      | 13.95   | 14.13        | 14.7    |
|           |            | 50      | 25        | 13.77   | 13.94   | 14.05        | 14.7    |
|           |            | 50      | 50        | 13.89   | 14.02   | 14.1         | 14.7    |
|           |            | 100     | 0         | 13.89   | 13.94   | 14.06        | 14.7    |
|           | 64QAM      | 1       | 0         | 14      | 13.96   | 13.99        | 14.7    |
|           |            | 1       | 50        | 13.41   | 13.44   | 13.71        | 14.7    |
|           |            | 1       | 99        | 13.95   | 14.01   | 14.21        | 14.7    |
|           |            | 50      | 0         | 13.67   | 13.71   | 13.76        | 14.7    |
|           |            | 50      | 25        | 13.63   | 13.54   | 13.84        | 14.7    |
|           |            | 50      | 50        | 13.58   | 13.58   | 13.79        | 14.7    |
|           |            | 100     | 0         | 13.6    | 13.63   | 13.94        | 14.7    |

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| LTE Band 41 Receiver on(Left head) + hotspot 2.4G |            |         |           | Conducted Power(dBm) |         |         |         |
|---------------------------------------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth                                         | Modulation | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                                                   |            |         |           | 40165                | 40690   | 41215   |         |
| 5MHz                                              | QPSK       | 1       | 0         | 13.02                | 13.07   | 13.37   | 14.5    |
|                                                   |            | 1       | 13        | 13.01                | 13.1    | 13.38   | 14.5    |
|                                                   |            | 1       | 24        | 13.09                | 13.09   | 13.4    | 14.5    |
|                                                   |            | 12      | 0         | 13.03                | 13.13   | 13.38   | 14.5    |
|                                                   |            | 12      | 6         | 13.07                | 13.09   | 13.26   | 14.5    |
|                                                   |            | 12      | 13        | 13.02                | 13.08   | 13.31   | 14.5    |
|                                                   |            | 25      | 0         | 13.01                | 13.08   | 13.46   | 14.5    |
|                                                   | 16QAM      | 1       | 0         | 13.6                 | 13.62   | 13.96   | 14.5    |
|                                                   |            | 1       | 13        | 13.63                | 13.64   | 13.98   | 14.5    |
|                                                   |            | 1       | 24        | 13.6                 | 13.64   | 13.99   | 14.5    |
|                                                   |            | 12      | 0         | 13.01                | 13.1    | 13.26   | 14.5    |
|                                                   |            | 12      | 6         | 13.06                | 13.1    | 13.24   | 14.5    |
|                                                   |            | 12      | 13        | 12.95                | 13.05   | 13.33   | 14.5    |
|                                                   |            | 25      | 0         | 12.92                | 12.94   | 13.21   | 14.5    |
|                                                   | 64QAM      | 1       | 0         | 13.22                | 13.18   | 13.15   | 14.5    |
|                                                   |            | 1       | 13        | 12.65                | 12.74   | 12.93   | 14.5    |
|                                                   |            | 1       | 24        | 13.25                | 13.23   | 13.43   | 14.5    |
|                                                   |            | 12      | 0         | 12.85                | 12.92   | 12.97   | 14.5    |
|                                                   |            | 12      | 6         | 12.93                | 12.7    | 13.11   | 14.5    |
|                                                   |            | 12      | 13        | 12.78                | 12.76   | 12.94   | 14.5    |
|                                                   |            | 25      | 0         | 12.8                 | 12.8    | 13.13   | 14.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40190   | 40690   | 41190   |         |
| 10MHz     | QPSK       | 1       | 0         | 12.98   | 13.03   | 13.37   | 14.5    |
|           |            | 1       | 25        | 12.57   | 12.56   | 13.03   | 14.5    |
|           |            | 1       | 49        | 13.12   | 13.08   | 13.43   | 14.5    |
|           |            | 25      | 0         | 13.06   | 13.09   | 13.27   | 14.5    |
|           |            | 25      | 13        | 13.04   | 13.07   | 13.32   | 14.5    |
|           |            | 25      | 25        | 13.08   | 13.12   | 13.37   | 14.5    |
|           |            | 50      | 0         | 13.02   | 13.03   | 13.29   | 14.5    |
|           | 16QAM      | 1       | 0         | 13.58   | 13.61   | 13.96   | 14.5    |
|           |            | 1       | 25        | 13.15   | 13.02   | 13.37   | 14.5    |
|           |            | 1       | 49        | 13.57   | 13.63   | 13.9    | 14.5    |
|           |            | 25      | 0         | 12.93   | 13.1    | 13.31   | 14.5    |
|           |            | 25      | 13        | 13.04   | 13.04   | 13.31   | 14.5    |
|           |            | 25      | 25        | 12.97   | 13.11   | 13.26   | 14.5    |
|           |            | 50      | 0         | 12.88   | 12.94   | 13.1    | 14.5    |
|           | 64QAM      | 1       | 0         | 13.25   | 13.18   | 13.22   | 14.5    |
|           |            | 1       | 25        | 12.58   | 12.67   | 12.96   | 14.5    |
|           |            | 1       | 49        | 13.13   | 13.26   | 13.51   | 14.5    |
|           |            | 25      | 0         | 12.92   | 12.98   | 13.03   | 14.5    |
|           |            | 25      | 13        | 12.87   | 12.7    | 13.06   | 14.5    |
|           |            | 25      | 25        | 12.74   | 12.77   | 12.97   | 14.5    |
|           |            | 50      | 0         | 12.84   | 12.86   | 13.14   | 14.5    |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 40215   | 40690   | 41165   |         |
| 15MHz     | QPSK       | 1       | 0         | 13.04   | 13.09   | 13.44   | 14.5    |
|           |            | 1       | 38        | 13.1    | 13.03   | 13.4    | 14.5    |
|           |            | 1       | 74        | 13.11   | 13.11   | 13.45   | 14.5    |
|           |            | 36      | 0         | 13.16   | 13.15   | 13.39   | 14.5    |
|           |            | 36      | 18        | 13.02   | 13.02   | 13.2    | 14.5    |
|           |            | 36      | 39        | 13.06   | 13.21   | 13.38   | 14.5    |
|           |            | 75      | 0         | 13.12   | 13.16   | 13.29   | 14.5    |
|           | 16QAM      | 1       | 0         | 13.63   | 13.62   | 13.95   | 14.5    |
|           |            | 1       | 38        | 13.63   | 13.6    | 13.87   | 14.5    |
|           |            | 1       | 74        | 13.64   | 13.67   | 13.93   | 14.5    |
|           |            | 36      | 0         | 13.01   | 13.09   | 13.23   | 14.5    |
|           |            | 36      | 18        | 12.9    | 12.98   | 13.07   | 14.5    |
|           |            | 36      | 39        | 13.04   | 13.16   | 13.24   | 14.5    |
|           |            | 75      | 0         | 12.87   | 13.07   | 13.24   | 14.5    |
|           | 64QAM      | 1       | 0         | 13.17   | 13.11   | 13.21   | 14.5    |
|           |            | 1       | 38        | 12.57   | 12.7    | 12.87   | 14.5    |
|           |            | 1       | 74        | 13.15   | 13.2    | 13.42   | 14.5    |
|           |            | 36      | 0         | 12.97   | 12.92   | 12.96   | 14.5    |
|           |            | 36      | 18        | 12.8    | 12.78   | 13.07   | 14.5    |
|           |            | 36      | 39        | 12.76   | 12.76   | 13.06   | 14.5    |
|           |            | 75      | 0         | 12.81   | 12.88   | 13.11   | 14.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40240   | 40690   | 41140   |         |
| 20MHz     | QPSK       | 1       | 0         | 13.21   | 13.26   | 13.59   | 14.5    |
|           |            | 1       | 50        | 12.95   | 12.97   | 13.31   | 14.5    |
|           |            | 1       | 99        | 13.3    | 13.34   | 13.63   | 14.5    |
|           |            | 50      | 0         | 13.1    | 13.14   | 13.31   | 14.5    |
|           |            | 50      | 25        | 12.94   | 13.06   | 13.24   | 14.5    |
|           |            | 50      | 50        | 13.09   | 13.18   | 13.29   | 14.5    |
|           |            | 100     | 0         | 13.06   | 13.09   | 13.31   | 14.5    |
|           | 16QAM      | 1       | 0         | 13.79   | 13.84   | 14.27   | 14.5    |
|           |            | 1       | 50        | 13.42   | 13.37   | 13.86   | 14.5    |
|           |            | 1       | 99        | 13.9    | 13.87   | 14.26   | 14.5    |
|           |            | 50      | 0         | 13.05   | 13.06   | 13.26   | 14.5    |
|           |            | 50      | 25        | 12.88   | 12.98   | 13.2    | 14.5    |
|           |            | 50      | 50        | 13.04   | 13.09   | 13.25   | 14.5    |
|           |            | 100     | 0         | 13.04   | 13.05   | 13.29   | 14.5    |
|           | 64QAM      | 1       | 0         | 13.23   | 13.19   | 13.17   | 14.5    |
|           |            | 1       | 50        | 12.65   | 12.73   | 12.99   | 14.5    |
|           |            | 1       | 99        | 13.16   | 13.21   | 13.38   | 14.5    |
|           |            | 50      | 0         | 12.97   | 13      | 13.01   | 14.5    |
|           |            | 50      | 25        | 12.83   | 12.77   | 13.05   | 14.5    |
|           |            | 50      | 50        | 12.78   | 12.84   | 13.02   | 14.5    |
|           |            | 100     | 0         | 12.86   | 12.79   | 13.13   | 14.5    |

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| LTE Band 41 Receiver on(Right head) + hotspot<br>2.4G |            |            |              | Conducted Power(dBm) |         |         |         |
|-------------------------------------------------------|------------|------------|--------------|----------------------|---------|---------|---------|
| Bandwidth                                             | Modulation | RB<br>size | RB<br>offset | Channel              | Channel | Channel | Tune up |
|                                                       |            |            |              | 40165                | 40690   | 41215   |         |
| 5MHz                                                  | QPSK       | 1          | 0            | 12.47                | 12.54   | 12.9    | 14      |
|                                                       |            | 1          | 13           | 12.63                | 12.56   | 12.93   | 14      |
|                                                       |            | 1          | 24           | 12.58                | 12.56   | 12.93   | 14      |
|                                                       |            | 12         | 0            | 12.58                | 12.57   | 12.79   | 14      |
|                                                       |            | 12         | 6            | 12.5                 | 12.56   | 12.83   | 14      |
|                                                       |            | 12         | 13           | 12.53                | 12.65   | 12.86   | 14      |
|                                                       |            | 25         | 0            | 12.6                 | 12.65   | 12.73   | 14      |
|                                                       | 16QAM      | 1          | 0            | 13.02                | 12.92   | 13.4    | 14      |
|                                                       |            | 1          | 13           | 12.98                | 12.94   | 13.38   | 14      |
|                                                       |            | 1          | 24           | 13.1                 | 12.97   | 13.32   | 14      |
|                                                       |            | 12         | 0            | 12.6                 | 12.56   | 12.97   | 14      |
|                                                       |            | 12         | 6            | 12.66                | 12.55   | 12.95   | 14      |
|                                                       |            | 12         | 13           | 12.55                | 12.64   | 12.9    | 14      |
|                                                       |            | 25         | 0            | 12.41                | 12.45   | 12.7    | 14      |
|                                                       | 64QAM      | 1          | 0            | 12.74                | 12.71   | 12.67   | 14      |
|                                                       |            | 1          | 13           | 12.17                | 12.24   | 12.49   | 14      |
|                                                       |            | 1          | 24           | 12.7                 | 12.69   | 12.84   | 14      |
|                                                       |            | 12         | 0            | 12.45                | 12.54   | 12.51   | 14      |
|                                                       |            | 12         | 6            | 12.32                | 12.25   | 12.52   | 14      |
|                                                       |            | 12         | 13           | 12.28                | 12.35   | 12.49   | 14      |
|                                                       |            | 25         | 0            | 12.37                | 12.27   | 12.6    | 14      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40190   | 40690   | 41190   |         |
| 10MHz     | QPSK       | 1       | 0         | 12.58   | 12.51   | 12.91   | 14      |
|           |            | 1       | 25        | 12.37   | 12.37   | 12.7    | 14      |
|           |            | 1       | 49        | 12.62   | 12.59   | 12.95   | 14      |
|           |            | 25      | 0         | 12.5    | 12.55   | 12.7    | 14      |
|           |            | 25      | 13        | 12.55   | 12.55   | 12.85   | 14      |
|           |            | 25      | 25        | 12.62   | 12.7    | 12.89   | 14      |
|           |            | 50      | 0         | 12.55   | 12.6    | 12.75   | 14      |
|           | 16QAM      | 1       | 0         | 13.02   | 13.03   | 13.4    | 14      |
|           |            | 1       | 25        | 12.92   | 12.92   | 13.24   | 14      |
|           |            | 1       | 49        | 13.06   | 13.1    | 13.44   | 14      |
|           |            | 25      | 0         | 12.44   | 12.48   | 12.67   | 14      |
|           |            | 25      | 13        | 12.5    | 12.48   | 12.79   | 14      |
|           |            | 25      | 25        | 12.43   | 12.5    | 12.73   | 14      |
|           |            | 50      | 0         | 12.53   | 12.59   | 12.76   | 14      |
|           | 64QAM      | 1       | 0         | 12.75   | 12.72   | 12.7    | 14      |
|           |            | 1       | 25        | 12.13   | 12.19   | 12.53   | 14      |
|           |            | 1       | 49        | 12.64   | 12.68   | 12.88   | 14      |
|           |            | 25      | 0         | 12.47   | 12.52   | 12.52   | 14      |
|           |            | 25      | 13        | 12.29   | 12.22   | 12.54   | 14      |
|           |            | 25      | 25        | 12.25   | 12.33   | 12.55   | 14      |
|           |            | 50      | 0         | 12.36   | 12.25   | 12.61   | 14      |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 40215   | 40690   | 41165   |         |
| 15MHz     | QPSK       | 1       | 0         | 12.61   | 12.59   | 12.94   | 14      |
|           |            | 1       | 38        | 12.62   | 12.48   | 12.88   | 14      |
|           |            | 1       | 74        | 12.52   | 12.59   | 12.96   | 14      |
|           |            | 36      | 0         | 12.63   | 12.58   | 12.83   | 14      |
|           |            | 36      | 18        | 12.52   | 12.6    | 12.87   | 14      |
|           |            | 36      | 39        | 12.58   | 12.67   | 12.9    | 14      |
|           |            | 75      | 0         | 12.52   | 12.6    | 12.82   | 14      |
|           | 16QAM      | 1       | 0         | 13.07   | 13.04   | 13.39   | 14      |
|           |            | 1       | 38        | 12.95   | 13.05   | 13.39   | 14      |
|           |            | 1       | 74        | 12.98   | 13.01   | 13.45   | 14      |
|           |            | 36      | 0         | 12.52   | 12.45   | 12.74   | 14      |
|           |            | 36      | 18        | 12.4    | 12.47   | 12.79   | 14      |
|           |            | 36      | 39        | 12.47   | 12.55   | 12.81   | 14      |
|           |            | 75      | 0         | 12.45   | 12.51   | 12.68   | 14      |
|           | 64QAM      | 1       | 0         | 12.68   | 12.65   | 12.65   | 14      |
|           |            | 1       | 38        | 12.14   | 12.26   | 12.49   | 14      |
|           |            | 1       | 74        | 12.67   | 12.68   | 12.86   | 14      |
|           |            | 36      | 0         | 12.48   | 12.54   | 12.5    | 14      |
|           |            | 36      | 18        | 12.33   | 12.32   | 12.54   | 14      |
|           |            | 36      | 39        | 12.24   | 12.32   | 12.49   | 14      |
|           |            | 75      | 0         | 12.33   | 12.31   | 12.61   | 14      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40240   | 40690   | 41140   |         |
| 20MHz     | QPSK       | 1       | 0         | 12.84   | 12.77   | 13.12   | 14      |
|           |            | 1       | 50        | 13.05   | 12.97   | 13.24   | 14      |
|           |            | 1       | 99        | 12.83   | 12.87   | 13.17   | 14      |
|           |            | 50      | 0         | 12.58   | 12.61   | 12.81   | 14      |
|           |            | 50      | 25        | 12.5    | 12.54   | 12.79   | 14      |
|           |            | 50      | 50        | 12.63   | 12.66   | 12.85   | 14      |
|           |            | 100     | 0         | 12.61   | 12.7    | 12.85   | 14      |
|           | 16QAM      | 1       | 0         | 13.23   | 13.23   | 13.53   | 14      |
|           |            | 1       | 50        | 12.97   | 13.12   | 13.42   | 14      |
|           |            | 1       | 99        | 13.19   | 13.25   | 13.55   | 14      |
|           |            | 50      | 0         | 12.56   | 12.59   | 12.78   | 14      |
|           |            | 50      | 25        | 12.49   | 12.5    | 12.69   | 14      |
|           |            | 50      | 50        | 12.49   | 12.63   | 12.86   | 14      |
|           |            | 100     | 0         | 12.55   | 12.63   | 12.81   | 14      |
|           | 64QAM      | 1       | 0         | 12.72   | 12.73   | 12.71   | 14      |
|           |            | 1       | 50        | 12.11   | 12.23   | 12.54   | 14      |
|           |            | 1       | 99        | 12.69   | 12.71   | 12.86   | 14      |
|           |            | 50      | 0         | 12.48   | 12.48   | 12.55   | 14      |
|           |            | 50      | 25        | 12.34   | 12.28   | 12.54   | 14      |
|           |            | 50      | 50        | 12.32   | 12.37   | 12.53   | 14      |
|           |            | 100     | 0         | 12.41   | 12.32   | 12.59   | 14      |

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| LTE Band 41 Receiver on(Left head) + hotspot 5G |            |         |           | Conducted Power(dBm) |         |         |         |
|-------------------------------------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth                                       | Modulation | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                                                 |            |         |           | 40165                | 40690   | 41215   |         |
| 5MHz                                            | QPSK       | 1       | 0         | 11.02                | 11.03   | 11.3    | 12.2    |
|                                                 |            | 1       | 13        | 11.05                | 11.05   | 11.28   | 12.2    |
|                                                 |            | 1       | 24        | 10.94                | 11.06   | 11.26   | 12.2    |
|                                                 |            | 12      | 0         | 11.13                | 11.06   | 11.36   | 12.2    |
|                                                 |            | 12      | 6         | 11.11                | 11.13   | 11.4    | 12.2    |
|                                                 |            | 12      | 13        | 11.07                | 11.13   | 11.31   | 12.2    |
|                                                 |            | 25      | 0         | 11.01                | 11      | 11.24   | 12.2    |
|                                                 | 16QAM      | 1       | 0         | 11.49                | 11.59   | 11.87   | 12.2    |
|                                                 |            | 1       | 13        | 11.51                | 11.6    | 11.86   | 12.2    |
|                                                 |            | 1       | 24        | 11.54                | 11.59   | 11.96   | 12.2    |
|                                                 |            | 12      | 0         | 11.23                | 11.28   | 11.41   | 12.2    |
|                                                 |            | 12      | 6         | 11.04                | 11.15   | 11.41   | 12.2    |
|                                                 |            | 12      | 13        | 11.18                | 11.21   | 11.44   | 12.2    |
|                                                 |            | 25      | 0         | 10.99                | 11.09   | 11.3    | 12.2    |
|                                                 | 64QAM      | 1       | 0         | 11.18                | 11.18   | 11.11   | 12.2    |
|                                                 |            | 1       | 13        | 10.56                | 10.62   | 11.01   | 12.2    |
|                                                 |            | 1       | 24        | 11.14                | 11.19   | 11.32   | 12.2    |
|                                                 |            | 12      | 0         | 10.9                 | 10.86   | 11.03   | 12.2    |
|                                                 |            | 12      | 6         | 10.72                | 10.7    | 11.02   | 12.2    |
|                                                 |            | 12      | 13        | 10.73                | 10.76   | 10.92   | 12.2    |
|                                                 |            | 25      | 0         | 10.84                | 10.76   | 10.98   | 12.2    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40190   | 40690   | 41190   |         |
| 10MHz     | QPSK       | 1       | 0         | 11.07   | 11.05   | 11.31   | 12.2    |
|           |            | 1       | 25        | 10.99   | 10.96   | 11.14   | 12.2    |
|           |            | 1       | 49        | 11.06   | 11.08   | 11.29   | 12.2    |
|           |            | 25      | 0         | 11.07   | 11.06   | 11.29   | 12.2    |
|           |            | 25      | 13        | 11      | 11.03   | 11.3    | 12.2    |
|           |            | 25      | 25        | 11.04   | 11.09   | 11.31   | 12.2    |
|           |            | 50      | 0         | 10.99   | 11      | 11.19   | 12.2    |
|           | 16QAM      | 1       | 0         | 11.66   | 11.6    | 11.89   | 12.2    |
|           |            | 1       | 25        | 11.61   | 11.63   | 11.88   | 12.2    |
|           |            | 1       | 49        | 11.54   | 11.64   | 11.93   | 12.2    |
|           |            | 25      | 0         | 11.06   | 11.04   | 11.29   | 12.2    |
|           |            | 25      | 13        | 11.03   | 11.02   | 11.29   | 12.2    |
|           |            | 25      | 25        | 11.03   | 11.05   | 11.33   | 12.2    |
|           |            | 50      | 0         | 10.95   | 11.08   | 11.18   | 12.2    |
|           | 64QAM      | 1       | 0         | 11.16   | 11.18   | 11.12   | 12.2    |
|           |            | 1       | 25        | 10.55   | 10.68   | 10.98   | 12.2    |
|           |            | 1       | 49        | 11.13   | 11.2    | 11.27   | 12.2    |
|           |            | 25      | 0         | 10.86   | 10.86   | 10.97   | 12.2    |
|           |            | 25      | 13        | 10.84   | 10.75   | 10.92   | 12.2    |
|           |            | 25      | 25        | 10.8    | 10.8    | 10.92   | 12.2    |
|           |            | 50      | 0         | 10.88   | 10.77   | 11.03   | 12.2    |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 40215   | 40690   | 41165   |         |
| 15MHz     | QPSK       | 1       | 0         | 11.08   | 11.12   | 11.34   | 12.2    |
|           |            | 1       | 38        | 11.06   | 11.13   | 11.34   | 12.2    |
|           |            | 1       | 74        | 11.07   | 11.19   | 11.34   | 12.2    |
|           |            | 36      | 0         | 11.15   | 11.17   | 11.32   | 12.2    |
|           |            | 36      | 18        | 11.03   | 11.06   | 11.15   | 12.2    |
|           |            | 36      | 39        | 11.09   | 11.12   | 11.32   | 12.2    |
|           |            | 75      | 0         | 11.03   | 11.19   | 11.31   | 12.2    |
|           | 16QAM      | 1       | 0         | 11.65   | 11.55   | 11.94   | 12.2    |
|           |            | 1       | 38        | 11.62   | 11.54   | 11.91   | 12.2    |
|           |            | 1       | 74        | 11.52   | 11.61   | 12.01   | 12.2    |
|           |            | 36      | 0         | 11.06   | 10.96   | 11.28   | 12.2    |
|           |            | 36      | 18        | 10.94   | 10.96   | 11.21   | 12.2    |
|           |            | 36      | 39        | 11.01   | 11.15   | 11.27   | 12.2    |
|           |            | 75      | 0         | 10.98   | 11      | 11.21   | 12.2    |
|           | 64QAM      | 1       | 0         | 11.11   | 11.2    | 11.17   | 12.2    |
|           |            | 1       | 38        | 10.5    | 10.69   | 10.96   | 12.2    |
|           |            | 1       | 74        | 11.09   | 11.14   | 11.24   | 12.2    |
|           |            | 36      | 0         | 10.93   | 10.87   | 11.05   | 12.2    |
|           |            | 36      | 18        | 10.73   | 10.67   | 11.03   | 12.2    |
|           |            | 36      | 39        | 10.77   | 10.81   | 10.94   | 12.2    |
|           |            | 75      | 0         | 10.86   | 10.72   | 11.03   | 12.2    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40240   | 40690   | 41140   |         |
| 20MHz     | QPSK       | 1       | 0         | 11.38   | 11.34   | 11.52   | 12.2    |
|           |            | 1       | 50        | 11.71   | 11.31   | 10.77   | 12.2    |
|           |            | 1       | 99        | 11.24   | 11.52   | 11.58   | 12.2    |
|           |            | 50      | 0         | 11.23   | 11.21   | 11.46   | 12.2    |
|           |            | 50      | 25        | 11.01   | 11.14   | 11.39   | 12.2    |
|           |            | 50      | 50        | 11.14   | 11.26   | 11.47   | 12.2    |
|           |            | 100     | 0         | 11.12   | 11.17   | 11.39   | 12.2    |
|           | 16QAM      | 1       | 0         | 11.46   | 11.22   | 11.39   | 12.2    |
|           |            | 1       | 50        | 11.62   | 10.97   | 11.48   | 12.2    |
|           |            | 1       | 99        | 11.21   | 11.57   | 11.73   | 12.2    |
|           |            | 50      | 0         | 11.1    | 11.16   | 11.25   | 12.2    |
|           |            | 50      | 25        | 10.94   | 11.02   | 11.36   | 12.2    |
|           |            | 50      | 50        | 11.01   | 11.14   | 11.22   | 12.2    |
|           |            | 100     | 0         | 11.06   | 11.08   | 11.35   | 12.2    |
|           | 64QAM      | 1       | 0         | 11.19   | 11.18   | 11.21   | 12.2    |
|           |            | 1       | 50        | 10.5    | 10.68   | 10.93   | 12.2    |
|           |            | 1       | 99        | 11.07   | 11.1    | 11.35   | 12.2    |
|           |            | 50      | 0         | 10.96   | 10.87   | 10.97   | 12.2    |
|           |            | 50      | 25        | 10.75   | 10.7    | 11.03   | 12.2    |
|           |            | 50      | 50        | 10.72   | 10.81   | 10.99   | 12.2    |
|           |            | 100     | 0         | 10.86   | 10.79   | 11.01   | 12.2    |

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|--------------------------------------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth                                        | Modulation | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                                                  |            |         |           | 40165                | 40690   | 41215   |         |
| 5MHz                                             | QPSK       | 1       | 0         | 10.5                 | 10.51   | 10.76   | 11.7    |
|                                                  |            | 1       | 13        | 10.39                | 10.51   | 10.76   | 11.7    |
|                                                  |            | 1       | 24        | 10.41                | 10.53   | 10.8    | 11.7    |
|                                                  |            | 12      | 0         | 10.47                | 10.54   | 10.77   | 11.7    |
|                                                  |            | 12      | 6         | 10.58                | 10.64   | 10.85   | 11.7    |
|                                                  |            | 12      | 13        | 10.55                | 10.49   | 10.84   | 11.7    |
|                                                  |            | 25      | 0         | 10.49                | 10.48   | 10.71   | 11.7    |
|                                                  | 16QAM      | 1       | 0         | 10.96                | 11.07   | 11.37   | 11.7    |
|                                                  |            | 1       | 13        | 10.98                | 10.97   | 11.37   | 11.7    |
|                                                  |            | 1       | 24        | 11.02                | 11.08   | 11.28   | 11.7    |
|                                                  |            | 12      | 0         | 10.57                | 10.75   | 11.01   | 11.7    |
|                                                  |            | 12      | 6         | 10.62                | 10.66   | 10.87   | 11.7    |
|                                                  |            | 12      | 13        | 10.65                | 10.69   | 10.95   | 11.7    |
|                                                  |            | 25      | 0         | 10.46                | 10.58   | 10.82   | 11.7    |
|                                                  | 64QAM      | 1       | 0         | 10.63                | 10.57   | 10.43   | 11.7    |
|                                                  |            | 1       | 13        | 9.62                 | 9.71    | 9.98    | 11.7    |
|                                                  |            | 1       | 24        | 10.34                | 10.58   | 10.75   | 11.7    |
|                                                  |            | 12      | 0         | 10.34                | 10.14   | 10.43   | 11.7    |
|                                                  |            | 12      | 6         | 9.85                 | 10.08   | 10.14   | 11.7    |
|                                                  |            | 12      | 13        | 9.74                 | 10.02   | 10.2    | 11.7    |
|                                                  |            | 25      | 0         | 10.21                | 10.06   | 10.36   | 11.7    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40190   | 40690   | 41190   |         |
| 10MHz     | QPSK       | 1       | 0         | 10.46   | 10.44   | 10.8    | 11.7    |
|           |            | 1       | 25        | 10.28   | 10.48   | 10.64   | 11.7    |
|           |            | 1       | 49        | 10.47   | 10.63   | 10.8    | 11.7    |
|           |            | 25      | 0         | 10.45   | 10.46   | 10.74   | 11.7    |
|           |            | 25      | 13        | 10.56   | 10.54   | 10.77   | 11.7    |
|           |            | 25      | 25        | 10.56   | 10.59   | 10.71   | 11.7    |
|           |            | 50      | 0         | 10.55   | 10.52   | 10.77   | 11.7    |
|           | 16QAM      | 1       | 0         | 11.03   | 10.99   | 11.28   | 11.7    |
|           |            | 1       | 25        | 11.16   | 11.03   | 11.38   | 11.7    |
|           |            | 1       | 49        | 11.06   | 11.05   | 11.4    | 11.7    |
|           |            | 25      | 0         | 10.44   | 10.55   | 10.71   | 11.7    |
|           |            | 25      | 13        | 10.47   | 10.48   | 10.72   | 11.7    |
|           |            | 25      | 25        | 10.53   | 10.57   | 10.69   | 11.7    |
|           |            | 50      | 0         | 10.46   | 10.48   | 10.74   | 11.7    |
|           | 64QAM      | 1       | 0         | 10.32   | 10.22   | 10.7    | 11.7    |
|           |            | 1       | 25        | 9.53    | 9.99    | 10.05   | 11.7    |
|           |            | 1       | 49        | 10.08   | 10.27   | 10.49   | 11.7    |
|           |            | 25      | 0         | 10.37   | 10.33   | 10.03   | 11.7    |
|           |            | 25      | 13        | 10.13   | 9.89    | 10.28   | 11.7    |
|           |            | 25      | 25        | 10.08   | 10.28   | 10.27   | 11.7    |
|           |            | 50      | 0         | 9.89    | 10.26   | 10.26   | 11.7    |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 40215   | 40690   | 41165   |         |
| 15MHz     | QPSK       | 1       | 0         | 10.53   | 10.59   | 10.81   | 11.7    |
|           |            | 1       | 38        | 10.49   | 10.59   | 10.73   | 11.7    |
|           |            | 1       | 74        | 10.52   | 10.67   | 10.81   | 11.7    |
|           |            | 36      | 0         | 10.59   | 10.51   | 10.84   | 11.7    |
|           |            | 36      | 18        | 10.47   | 10.51   | 10.67   | 11.7    |
|           |            | 36      | 39        | 10.55   | 10.58   | 10.83   | 11.7    |
|           |            | 75      | 0         | 10.48   | 10.53   | 10.75   | 11.7    |
|           | 16QAM      | 1       | 0         | 11.09   | 11      | 11.38   | 11.7    |
|           |            | 1       | 38        | 11.09   | 11      | 11.19   | 11.7    |
|           |            | 1       | 74        | 10.99   | 11.09   | 11.4    | 11.7    |
|           |            | 36      | 0         | 10.51   | 10.54   | 10.63   | 11.7    |
|           |            | 36      | 18        | 10.38   | 10.3    | 10.59   | 11.7    |
|           |            | 36      | 39        | 10.46   | 10.49   | 10.76   | 11.7    |
|           |            | 75      | 0         | 10.43   | 10.47   | 10.69   | 11.7    |
|           | 64QAM      | 1       | 0         | 10.49   | 10.28   | 10.43   | 11.7    |
|           |            | 1       | 38        | 9.76    | 9.76    | 9.97    | 11.7    |
|           |            | 1       | 74        | 10.49   | 10.38   | 10.39   | 11.7    |
|           |            | 36      | 0         | 10.19   | 10.24   | 10.12   | 11.7    |
|           |            | 36      | 18        | 10.22   | 10.17   | 10.26   | 11.7    |
|           |            | 36      | 39        | 10.15   | 9.98    | 10.03   | 11.7    |
|           |            | 75      | 0         | 10.23   | 10.17   | 10.18   | 11.7    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40240   | 40690   | 41140   |         |
| 20MHz     | QPSK       | 1       | 0         | 10.73   | 10.72   | 10.96   | 11.7    |
|           |            | 1       | 50        | 11.01   | 10.91   | 11.13   | 11.7    |
|           |            | 1       | 99        | 10.79   | 10.81   | 10.98   | 11.7    |
|           |            | 50      | 0         | 10.57   | 10.56   | 10.78   | 11.7    |
|           |            | 50      | 25        | 10.45   | 10.47   | 10.73   | 11.7    |
|           |            | 50      | 50        | 10.48   | 10.6    | 10.79   | 11.7    |
|           |            | 100     | 0         | 10.57   | 10.63   | 10.78   | 11.7    |
|           | 16QAM      | 1       | 0         | 11.31   | 11.29   | 11.57   | 11.7    |
|           |            | 1       | 50        | 11.57   | 11.64   | 11.82   | 11.7    |
|           |            | 1       | 99        | 11.25   | 11.35   | 11.59   | 11.7    |
|           |            | 50      | 0         | 10.65   | 10.51   | 10.75   | 11.7    |
|           |            | 50      | 25        | 10.44   | 10.42   | 10.69   | 11.7    |
|           |            | 50      | 50        | 10.57   | 10.66   | 10.76   | 11.7    |
|           |            | 100     | 0         | 10.52   | 10.55   | 10.73   | 11.7    |
|           | 64QAM      | 1       | 0         | 10.38   | 10.49   | 10.69   | 11.7    |
|           |            | 1       | 50        | 9.61    | 10.04   | 10.23   | 11.7    |
|           |            | 1       | 99        | 10.41   | 10.23   | 10.53   | 11.7    |
|           |            | 50      | 0         | 10.25   | 9.97    | 10.25   | 11.7    |
|           |            | 50      | 25        | 10.01   | 9.74    | 10.34   | 11.7    |
|           |            | 50      | 50        | 10      | 10.07   | 10.12   | 11.7    |
|           |            | 100     | 0         | 10.33   | 9.87    | 10.3    | 11.7    |

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| LTE Band 41 Receiver on(Left head) + BT |            |         |           | Conducted Power(dBm) |         |         |         |
|-----------------------------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth                               | Modulation | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                                         |            |         |           | 40165                | 40690   | 41215   |         |
| 5MHz                                    | QPSK       | 1       | 0         | 14.02                | 14.16   | 14.33   | 15      |
|                                         |            | 1       | 13        | 14.03                | 14.18   | 14.47   | 15      |
|                                         |            | 1       | 24        | 13.85                | 14.21   | 14.51   | 15      |
|                                         |            | 12      | 0         | 14.11                | 14.15   | 14.4    | 15      |
|                                         |            | 12      | 6         | 14.01                | 14      | 14.29   | 15      |
|                                         |            | 12      | 13        | 14.01                | 14.12   | 14.36   | 15      |
|                                         |            | 25      | 0         | 13.99                | 14.12   | 14.35   | 15      |
|                                         | 16QAM      | 1       | 0         | 14.11                | 14.17   | 14.52   | 15      |
|                                         |            | 1       | 13        | 14.09                | 14.29   | 14.36   | 15      |
|                                         |            | 1       | 24        | 14.03                | 14.4    | 14.41   | 15      |
|                                         |            | 12      | 0         | 13.98                | 13.99   | 14.37   | 15      |
|                                         |            | 12      | 6         | 14.03                | 14.08   | 14.22   | 15      |
|                                         |            | 12      | 13        | 14.01                | 14.04   | 14.29   | 15      |
|                                         |            | 25      | 0         | 13.96                | 14.01   | 14.24   | 15      |
|                                         | 64QAM      | 1       | 0         | 13.84                | 13.88   | 14.12   | 15      |
|                                         |            | 1       | 13        | 13.08                | 13.44   | 13.72   | 15      |
|                                         |            | 1       | 24        | 13.83                | 13.65   | 13.94   | 15      |
|                                         |            | 12      | 0         | 13.73                | 13.4    | 13.7    | 15      |
|                                         |            | 12      | 6         | 13.47                | 13.18   | 13.84   | 15      |
|                                         |            | 12      | 13        | 13.45                | 13.47   | 13.6    | 15      |
|                                         |            | 25      | 0         | 13.72                | 13.27   | 13.71   | 15      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40190   | 40690   | 41190   |         |
| 10MHz     | QPSK       | 1       | 0         | 14      | 14.09   | 14.38   | 15      |
|           |            | 1       | 25        | 14.18   | 13.89   | 13.77   | 15      |
|           |            | 1       | 49        | 14.05   | 14.2    | 14.46   | 15      |
|           |            | 25      | 0         | 14.03   | 14.14   | 14.32   | 15      |
|           |            | 25      | 13        | 13.91   | 14.12   | 14.32   | 15      |
|           |            | 25      | 25        | 14.03   | 14.07   | 14.3    | 15      |
|           |            | 50      | 0         | 14.01   | 14.08   | 14.32   | 15      |
|           | 16QAM      | 1       | 0         | 14.12   | 14.14   | 14.51   | 15      |
|           |            | 1       | 25        | 13.76   | 13.67   | 14.49   | 15      |
|           |            | 1       | 49        | 14.14   | 14.26   | 14.59   | 15      |
|           |            | 25      | 0         | 13.99   | 14.01   | 14.22   | 15      |
|           |            | 25      | 13        | 13.8    | 13.86   | 14.19   | 15      |
|           |            | 25      | 25        | 14.03   | 14.09   | 14.25   | 15      |
|           |            | 50      | 0         | 13.99   | 13.98   | 14.29   | 15      |
|           | 64QAM      | 1       | 0         | 13.87   | 13.91   | 14.08   | 15      |
|           |            | 1       | 25        | 13.1    | 13.53   | 13.7    | 15      |
|           |            | 1       | 49        | 13.86   | 13.63   | 13.94   | 15      |
|           |            | 25      | 0         | 13.68   | 13.39   | 13.74   | 15      |
|           |            | 25      | 13        | 13.43   | 13.16   | 13.78   | 15      |
|           |            | 25      | 25        | 13.39   | 13.51   | 13.52   | 15      |
|           |            | 50      | 0         | 13.79   | 13.3    | 13.7    | 15      |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 40215   | 40690   | 41165   |         |
| 15MHz     | QPSK       | 1       | 0         | 14.12   | 14.12   | 14.33   | 15      |
|           |            | 1       | 38        | 13.98   | 14.18   | 14.36   | 15      |
|           |            | 1       | 74        | 13.99   | 14.23   | 14.45   | 15      |
|           |            | 36      | 0         | 14.08   | 14.07   | 14.32   | 15      |
|           |            | 36      | 18        | 14.05   | 14.11   | 14.27   | 15      |
|           |            | 36      | 39        | 14.02   | 14.12   | 14.44   | 15      |
|           |            | 75      | 0         | 14.04   | 14.11   | 14.35   | 15      |
|           | 16QAM      | 1       | 0         | 14.17   | 14.21   | 14.28   | 15      |
|           |            | 1       | 38        | 13.99   | 14.18   | 14.29   | 15      |
|           |            | 1       | 74        | 14      | 14.36   | 14.39   | 15      |
|           |            | 36      | 0         | 14.05   | 14.08   | 14.27   | 15      |
|           |            | 36      | 18        | 13.95   | 14.03   | 14.31   | 15      |
|           |            | 36      | 39        | 13.96   | 14      | 14.22   | 15      |
|           |            | 75      | 0         | 14.01   | 13.97   | 14.23   | 15      |
|           | 64QAM      | 1       | 0         | 13.82   | 13.89   | 14.18   | 15      |
|           |            | 1       | 38        | 13.06   | 13.49   | 13.65   | 15      |
|           |            | 1       | 74        | 13.84   | 13.69   | 13.94   | 15      |
|           |            | 36      | 0         | 13.72   | 13.36   | 13.75   | 15      |
|           |            | 36      | 18        | 13.45   | 13.19   | 13.83   | 15      |
|           |            | 36      | 39        | 13.49   | 13.52   | 13.6    | 15      |
|           |            | 75      | 0         | 13.82   | 13.34   | 13.72   | 15      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40240   | 40690   | 41140   |         |
| 20MHz     | QPSK       | 1       | 0         | 14.32   | 14.33   | 14.62   | 15      |
|           |            | 1       | 50        | 13.95   | 14.37   | 14.63   | 15      |
|           |            | 1       | 99        | 14.31   | 14.37   | 14.63   | 15      |
|           |            | 50      | 0         | 14.03   | 14.24   | 14.42   | 15      |
|           |            | 50      | 25        | 14.08   | 14.07   | 14.35   | 15      |
|           |            | 50      | 50        | 14.1    | 14.14   | 14.41   | 15      |
|           |            | 100     | 0         | 14.2    | 14.1    | 14.41   | 15      |
|           | 16QAM      | 1       | 0         | 14.49   | 14.39   | 14.6    | 15      |
|           |            | 1       | 50        | 14.6    | 14.93   | 14.92   | 15      |
|           |            | 1       | 99        | 14.41   | 14.32   | 14.53   | 15      |
|           |            | 50      | 0         | 14.12   | 14.03   | 14.33   | 15      |
|           |            | 50      | 25        | 13.84   | 13.98   | 14.26   | 15      |
|           |            | 50      | 50        | 13.94   | 14.07   | 14.32   | 15      |
|           |            | 100     | 0         | 14.06   | 14.12   | 14.34   | 15      |
|           | 64QAM      | 1       | 0         | 13.87   | 13.96   | 14.13   | 15      |
|           |            | 1       | 50        | 13.08   | 13.47   | 13.72   | 15      |
|           |            | 1       | 99        | 13.89   | 13.62   | 14.02   | 15      |
|           |            | 50      | 0         | 13.68   | 13.44   | 13.65   | 15      |
|           |            | 50      | 25        | 13.47   | 13.23   | 13.78   | 15      |
|           |            | 50      | 50        | 13.42   | 13.55   | 13.55   | 15      |
|           |            | 100     | 0         | 13.79   | 13.28   | 13.8    | 15      |

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| LTE Band 41 Receiver on(Right head) + BT |            |         |           | Conducted Power(dBm) |         |         |         |
|------------------------------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth                                | Modulation | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                                          |            |         |           | 40165                | 40690   | 41215   |         |
| 5MHz                                     | QPSK       | 1       | 0         | 13.57                | 13.63   | 13.74   | 14.5    |
|                                          |            | 1       | 13        | 13.54                | 13.52   | 13.78   | 14.5    |
|                                          |            | 1       | 24        | 13.44                | 13.52   | 13.69   | 14.5    |
|                                          |            | 12      | 0         | 13.6                 | 13.55   | 13.8    | 14.5    |
|                                          |            | 12      | 6         | 13.41                | 13.64   | 13.7    | 14.5    |
|                                          |            | 12      | 13        | 13.55                | 13.62   | 13.76   | 14.5    |
|                                          |            | 25      | 0         | 13.5                 | 13.63   | 13.75   | 14.5    |
|                                          | 16QAM      | 1       | 0         | 13.53                | 14.12   | 13.89   | 14.5    |
|                                          |            | 1       | 13        | 13.62                | 14.15   | 14.17   | 14.5    |
|                                          |            | 1       | 24        | 14.27                | 14.14   | 14.27   | 14.5    |
|                                          |            | 12      | 0         | 13.5                 | 13.49   | 13.72   | 14.5    |
|                                          |            | 12      | 6         | 13.2                 | 13.41   | 13.65   | 14.5    |
|                                          |            | 12      | 13        | 13.52                | 13.52   | 13.8    | 14.5    |
|                                          |            | 25      | 0         | 13.3                 | 13.43   | 13.78   | 14.5    |
|                                          | 64QAM      | 1       | 0         | 13.44                | 13.46   | 13.63   | 14.5    |
|                                          |            | 1       | 13        | 12.63                | 13.06   | 13.23   | 14.5    |
|                                          |            | 1       | 24        | 13.42                | 13.22   | 13.52   | 14.5    |
|                                          |            | 12      | 0         | 13.28                | 12.94   | 13.22   | 14.5    |
|                                          |            | 12      | 6         | 12.97                | 12.75   | 13.3    | 14.5    |
|                                          |            | 12      | 13        | 12.94                | 13.1    | 13.13   | 14.5    |
|                                          |            | 25      | 0         | 13.38                | 12.84   | 13.37   | 14.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40190   | 40690   | 41190   |         |
| 10MHz     | QPSK       | 1       | 0         | 13.44   | 13.56   | 13.7    | 14.5    |
|           |            | 1       | 25        | 13.58   | 13.52   | 13.84   | 14.5    |
|           |            | 1       | 49        | 13.49   | 13.67   | 13.71   | 14.5    |
|           |            | 25      | 0         | 13.51   | 13.65   | 13.75   | 14.5    |
|           |            | 25      | 13        | 13.59   | 13.6    | 13.86   | 14.5    |
|           |            | 25      | 25        | 13.53   | 13.67   | 13.95   | 14.5    |
|           |            | 50      | 0         | 13.57   | 13.56   | 13.8    | 14.5    |
|           | 16QAM      | 1       | 0         | 13.65   | 13.72   | 14.06   | 14.5    |
|           |            | 1       | 25        | 13.01   | 13.17   | 13.82   | 14.5    |
|           |            | 1       | 49        | 13.77   | 13.77   | 14.09   | 14.5    |
|           |            | 25      | 0         | 13.5    | 13.42   | 13.72   | 14.5    |
|           |            | 25      | 13        | 13.41   | 13.44   | 13.65   | 14.5    |
|           |            | 25      | 25        | 13.48   | 13.61   | 13.69   | 14.5    |
|           |            | 50      | 0         | 13.54   | 13.55   | 13.73   | 14.5    |
|           | 64QAM      | 1       | 0         | 13.39   | 13.49   | 13.7    | 14.5    |
|           |            | 1       | 25        | 12.63   | 13.01   | 13.24   | 14.5    |
|           |            | 1       | 49        | 13.46   | 13.22   | 13.6    | 14.5    |
|           |            | 25      | 0         | 13.24   | 12.98   | 13.23   | 14.5    |
|           |            | 25      | 13        | 13.05   | 12.75   | 13.37   | 14.5    |
|           |            | 25      | 25        | 12.97   | 13.1    | 13.13   | 14.5    |
|           |            | 50      | 0         | 13.32   | 12.86   | 13.37   | 14.5    |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 40215   | 40690   | 41165   |         |
| 15MHz     | QPSK       | 1       | 0         | 13.65   | 13.54   | 13.81   | 14.5    |
|           |            | 1       | 38        | 13.62   | 13.57   | 13.9    | 14.5    |
|           |            | 1       | 74        | 13.67   | 13.8    | 13.94   | 14.5    |
|           |            | 36      | 0         | 13.56   | 13.6    | 13.77   | 14.5    |
|           |            | 36      | 18        | 13.59   | 13.61   | 13.83   | 14.5    |
|           |            | 36      | 39        | 13.55   | 13.67   | 13.81   | 14.5    |
|           |            | 75      | 0         | 13.62   | 13.62   | 13.86   | 14.5    |
|           | 16QAM      | 1       | 0         | 13.74   | 13.57   | 14.12   | 14.5    |
|           |            | 1       | 38        | 13.63   | 13.58   | 14.18   | 14.5    |
|           |            | 1       | 74        | 13.56   | 13.76   | 14.25   | 14.5    |
|           |            | 36      | 0         | 13.57   | 13.5    | 13.81   | 14.5    |
|           |            | 36      | 18        | 13.38   | 13.67   | 13.72   | 14.5    |
|           |            | 36      | 39        | 13.57   | 13.56   | 13.74   | 14.5    |
|           |            | 75      | 0         | 13.45   | 13.58   | 13.77   | 14.5    |
|           | 64QAM      | 1       | 0         | 13.46   | 13.54   | 13.72   | 14.5    |
|           |            | 1       | 38        | 12.6    | 12.99   | 13.25   | 14.5    |
|           |            | 1       | 74        | 13.42   | 13.15   | 13.54   | 14.5    |
|           |            | 36      | 0         | 13.28   | 12.98   | 13.25   | 14.5    |
|           |            | 36      | 18        | 13.07   | 12.77   | 13.28   | 14.5    |
|           |            | 36      | 39        | 12.97   | 13.14   | 13.12   | 14.5    |
|           |            | 75      | 0         | 13.33   | 12.88   | 13.38   | 14.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40240   | 40690   | 41140   |         |
| 20MHz     | QPSK       | 1       | 0         | 13.93   | 13.74   | 13.88   | 14.5    |
|           |            | 1       | 50        | 13.53   | 14.35   | 14.42   | 14.5    |
|           |            | 1       | 99        | 13.79   | 13.86   | 14.2    | 14.5    |
|           |            | 50      | 0         | 13.61   | 13.58   | 13.86   | 14.5    |
|           |            | 50      | 25        | 13.54   | 13.63   | 13.75   | 14.5    |
|           |            | 50      | 50        | 13.55   | 13.75   | 13.8    | 14.5    |
|           |            | 100     | 0         | 13.52   | 13.67   | 13.88   | 14.5    |
|           | 16QAM      | 1       | 0         | 13.97   | 13.94   | 14.39   | 14.5    |
|           |            | 1       | 50        | 13.68   | 14.51   | 14.65   | 14.5    |
|           |            | 1       | 99        | 14.17   | 14.05   | 14.24   | 14.5    |
|           |            | 50      | 0         | 13.53   | 13.51   | 13.81   | 14.5    |
|           |            | 50      | 25        | 13.46   | 13.45   | 13.72   | 14.5    |
|           |            | 50      | 50        | 13.57   | 13.7    | 13.82   | 14.5    |
|           |            | 100     | 0         | 13.46   | 13.59   | 13.82   | 14.5    |
|           | 64QAM      | 1       | 0         | 13.45   | 13.53   | 13.71   | 14.5    |
|           |            | 1       | 50        | 12.61   | 12.99   | 13.25   | 14.5    |
|           |            | 1       | 99        | 13.4    | 13.12   | 13.61   | 14.5    |
|           |            | 50      | 0         | 13.24   | 13      | 13.15   | 14.5    |
|           |            | 50      | 25        | 13.04   | 12.77   | 13.31   | 14.5    |
|           |            | 50      | 50        | 12.92   | 13.12   | 13.07   | 14.5    |
|           |            | 100     | 0         | 13.31   | 12.81   | 13.4    | 14.5    |

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| LTE Band 41 Receiver off ( body or limbs ) + BT |            |         |           | Conducted Power(dBm) |         |         |         |
|-------------------------------------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth                                       | Modulation | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                                                 |            |         |           | 40165                | 40690   | 41215   |         |
| 5MHz                                            | QPSK       | 1       | 0         | 16.59                | 16.61   | 16.81   | 17.5    |
|                                                 |            | 1       | 13        | 16.62                | 16.47   | 16.96   | 17.5    |
|                                                 |            | 1       | 24        | 16.59                | 16.66   | 16.86   | 17.5    |
|                                                 |            | 12      | 0         | 16.66                | 16.63   | 16.9    | 17.5    |
|                                                 |            | 12      | 6         | 16.47                | 16.72   | 16.9    | 17.5    |
|                                                 |            | 12      | 13        | 16.61                | 16.6    | 16.86   | 17.5    |
|                                                 |            | 25      | 0         | 16.55                | 16.59   | 16.85   | 17.5    |
|                                                 | 16QAM      | 1       | 0         | 16.79                | 16.74   | 17.25   | 17.5    |
|                                                 |            | 1       | 13        | 16.6                 | 16.99   | 17.26   | 17.5    |
|                                                 |            | 1       | 24        | 16.6                 | 17.07   | 16.91   | 17.5    |
|                                                 |            | 12      | 0         | 16.49                | 16.54   | 16.84   | 17.5    |
|                                                 |            | 12      | 6         | 16.56                | 16.55   | 16.87   | 17.5    |
|                                                 |            | 12      | 13        | 16.58                | 16.55   | 16.77   | 17.5    |
|                                                 |            | 25      | 0         | 16.52                | 16.5    | 16.76   | 17.5    |
|                                                 | 64QAM      | 1       | 0         | 16.36                | 16.45   | 16.67   | 17.5    |
|                                                 |            | 1       | 13        | 15.56                | 15.95   | 16.24   | 17.5    |
|                                                 |            | 1       | 24        | 16.32                | 16.02   | 16.59   | 17.5    |
|                                                 |            | 12      | 0         | 16.18                | 15.98   | 16.12   | 17.5    |
|                                                 |            | 12      | 6         | 15.98                | 15.74   | 16.22   | 17.5    |
|                                                 |            | 12      | 13        | 15.83                | 16.08   | 16.06   | 17.5    |
|                                                 |            | 25      | 0         | 16.29                | 15.77   | 16.36   | 17.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40190   | 40690   | 41190   |         |
| 10MHz     | QPSK       | 1       | 0         | 16.52   | 16.65   | 16.94   | 17.5    |
|           |            | 1       | 25        | 16.35   | 16.24   | 16.62   | 17.5    |
|           |            | 1       | 49        | 16.44   | 16.71   | 16.86   | 17.5    |
|           |            | 25      | 0         | 16.63   | 16.64   | 16.82   | 17.5    |
|           |            | 25      | 13        | 16.56   | 16.63   | 16.86   | 17.5    |
|           |            | 25      | 25        | 16.54   | 16.76   | 16.81   | 17.5    |
|           |            | 50      | 0         | 16.65   | 16.6    | 16.85   | 17.5    |
|           | 16QAM      | 1       | 0         | 17.06   | 16.9    | 17.16   | 17.5    |
|           |            | 1       | 25        | 15.97   | 16.69   | 16.8    | 17.5    |
|           |            | 1       | 49        | 16.8    | 16.95   | 17.17   | 17.5    |
|           |            | 25      | 0         | 16.41   | 16.53   | 16.71   | 17.5    |
|           |            | 25      | 13        | 16.48   | 16.4    | 16.73   | 17.5    |
|           |            | 25      | 25        | 16.49   | 16.6    | 16.89   | 17.5    |
|           |            | 50      | 0         | 16.58   | 16.51   | 16.74   | 17.5    |
|           | 64QAM      | 1       | 0         | 16.4    | 16.44   | 16.67   | 17.5    |
|           |            | 1       | 25        | 15.55   | 15.9    | 16.18   | 17.5    |
|           |            | 1       | 49        | 16.38   | 16.03   | 16.53   | 17.5    |
|           |            | 25      | 0         | 16.21   | 15.97   | 16.07   | 17.5    |
|           |            | 25      | 13        | 15.99   | 15.76   | 16.22   | 17.5    |
|           |            | 25      | 25        | 15.87   | 16.05   | 15.98   | 17.5    |
|           |            | 50      | 0         | 16.21   | 15.8    | 16.38   | 17.5    |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 40215   | 40690   | 41165   |         |
| 15MHz     | QPSK       | 1       | 0         | 16.7    | 16.72   | 16.86   | 17.5    |
|           |            | 1       | 38        | 16.6    | 16.75   | 16.9    | 17.5    |
|           |            | 1       | 74        | 16.55   | 16.73   | 16.86   | 17.5    |
|           |            | 36      | 0         | 16.68   | 16.71   | 16.99   | 17.5    |
|           |            | 36      | 18        | 16.57   | 16.47   | 16.83   | 17.5    |
|           |            | 36      | 39        | 16.56   | 16.75   | 16.88   | 17.5    |
|           |            | 75      | 0         | 16.56   | 16.68   | 16.9    | 17.5    |
|           | 16QAM      | 1       | 0         | 16.37   | 16.76   | 16.68   | 17.5    |
|           |            | 1       | 38        | 16.67   | 16.6    | 16.63   | 17.5    |
|           |            | 1       | 74        | 16.69   | 16.72   | 16.87   | 17.5    |
|           |            | 36      | 0         | 16.59   | 16.63   | 16.91   | 17.5    |
|           |            | 36      | 18        | 16.51   | 16.41   | 16.8    | 17.5    |
|           |            | 36      | 39        | 16.61   | 16.61   | 16.78   | 17.5    |
|           |            | 75      | 0         | 16.5    | 16.64   | 16.82   | 17.5    |
|           | 64QAM      | 1       | 0         | 16.4    | 16.45   | 16.62   | 17.5    |
|           |            | 1       | 38        | 15.56   | 15.95   | 16.22   | 17.5    |
|           |            | 1       | 74        | 16.34   | 16.02   | 16.6    | 17.5    |
|           |            | 36      | 0         | 16.14   | 15.97   | 16.09   | 17.5    |
|           |            | 36      | 18        | 15.99   | 15.74   | 16.31   | 17.5    |
|           |            | 36      | 39        | 15.89   | 16.05   | 16.02   | 17.5    |
|           |            | 75      | 0         | 16.23   | 15.73   | 16.32   | 17.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40240   | 40690   | 41140   |         |
| 20MHz     | QPSK       | 1       | 0         | 16.94   | 16.94   | 17.15   | 17.5    |
|           |            | 1       | 50        | 16.25   | 16.9    | 16.75   | 17.5    |
|           |            | 1       | 99        | 16.75   | 16.92   | 17.18   | 17.5    |
|           |            | 50      | 0         | 16.66   | 16.57   | 16.86   | 17.5    |
|           |            | 50      | 25        | 16.58   | 16.64   | 16.93   | 17.5    |
|           |            | 50      | 50        | 16.63   | 16.78   | 16.98   | 17.5    |
|           |            | 100     | 0         | 16.67   | 16.68   | 16.83   | 17.5    |
|           | 16QAM      | 1       | 0         | 16.94   | 17.08   | 17.15   | 17.5    |
|           |            | 1       | 50        | 16.77   | 16.64   | 16.66   | 17.5    |
|           |            | 1       | 99        | 16.64   | 17.17   | 17.29   | 17.5    |
|           |            | 50      | 0         | 16.57   | 16.68   | 16.88   | 17.5    |
|           |            | 50      | 25        | 16.55   | 16.46   | 16.86   | 17.5    |
|           |            | 50      | 50        | 16.54   | 16.61   | 16.86   | 17.5    |
|           |            | 100     | 0         | 16.6    | 16.63   | 16.87   | 17.5    |
|           | 64QAM      | 1       | 0         | 16.43   | 16.46   | 16.7    | 17.5    |
|           |            | 1       | 50        | 15.52   | 15.91   | 16.17   | 17.5    |
|           |            | 1       | 99        | 16.32   | 16.04   | 16.6    | 17.5    |
|           |            | 50      | 0         | 16.16   | 15.95   | 16.13   | 17.5    |
|           |            | 50      | 25        | 16      | 15.77   | 16.24   | 17.5    |
|           |            | 50      | 50        | 15.84   | 16.02   | 15.98   | 17.5    |
|           |            | 100     | 0         | 16.24   | 15.78   | 16.4    | 17.5    |

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| LTE Band 41 Receiver on(Left head) + WiFi2.4G Ant1 |            |         |           | Conducted Power(dBm) |               |               |         |
|----------------------------------------------------|------------|---------|-----------|----------------------|---------------|---------------|---------|
| Bandwidth                                          | Modulation | RB size | RB offset | Channel 40165        | Channel 40690 | Channel 41215 | Tune up |
| 5MHz                                               | QPSK       | 1       | 0         | 13.05                | 13.05         | 13.48         | 14.5    |
|                                                    |            | 1       | 13        | 13.07                | 13.07         | 13.47         | 14.5    |
|                                                    |            | 1       | 24        | 13.12                | 13.18         | 13.45         | 14.5    |
|                                                    |            | 12      | 0         | 13.05                | 13.17         | 13.37         | 14.5    |
|                                                    |            | 12      | 6         | 13.13                | 13.15         | 13.39         | 14.5    |
|                                                    |            | 12      | 13        | 13.11                | 13.12         | 13.45         | 14.5    |
|                                                    |            | 25      | 0         | 13.08                | 13.12         | 13.32         | 14.5    |
|                                                    | 16QAM      | 1       | 0         | 13.19                | 13.43         | 13.27         | 14.5    |
|                                                    |            | 1       | 13        | 13.1                 | 13.18         | 13.25         | 14.5    |
|                                                    |            | 1       | 24        | 13.23                | 13.24         | 13.35         | 14.5    |
|                                                    |            | 12      | 0         | 13.04                | 13.02         | 13.38         | 14.5    |
|                                                    |            | 12      | 6         | 12.53                | 12.98         | 13.09         | 14.5    |
|                                                    |            | 12      | 13        | 13.05                | 13.14         | 13.34         | 14.5    |
|                                                    |            | 25      | 0         | 12.84                | 13.08         | 13.33         | 14.5    |
|                                                    | 64QAM      | 1       | 0         | 13.44                | 13.48         | 13.64         | 14.5    |
|                                                    |            | 1       | 13        | 12.54                | 12.97         | 13.24         | 14.5    |
|                                                    |            | 1       | 24        | 13.31                | 13.03         | 13.61         | 14.5    |
|                                                    |            | 12      | 0         | 13.21                | 12.99         | 13.15         | 14.5    |
|                                                    |            | 12      | 6         | 13.03                | 12.67         | 13.21         | 14.5    |
|                                                    |            | 12      | 13        | 12.83                | 13.12         | 12.98         | 14.5    |
|                                                    |            | 25      | 0         | 13.28                | 12.75         | 13.36         | 14.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40190   | 40690   | 41190   |         |
| 10MHz     | QPSK       | 1       | 0         | 13.1    | 13.08   | 13.29   | 14.5    |
|           |            | 1       | 25        | 13.36   | 13.34   | 13.66   | 14.5    |
|           |            | 1       | 49        | 13.09   | 13.18   | 13.41   | 14.5    |
|           |            | 25      | 0         | 13.01   | 13.05   | 13.3    | 14.5    |
|           |            | 25      | 13        | 13.08   | 13.13   | 13.33   | 14.5    |
|           |            | 25      | 25        | 13.16   | 13.2    | 13.26   | 14.5    |
|           |            | 50      | 0         | 13.05   | 13.1    | 13.33   | 14.5    |
|           | 16QAM      | 1       | 0         | 13.31   | 13.44   | 13.36   | 14.5    |
|           |            | 1       | 25        | 13.16   | 13.23   | 13.31   | 14.5    |
|           |            | 1       | 49        | 13.39   | 13.37   | 13.26   | 14.5    |
|           |            | 25      | 0         | 12.87   | 13.15   | 13.47   | 14.5    |
|           |            | 25      | 13        | 13.07   | 13.04   | 13.26   | 14.5    |
|           |            | 25      | 25        | 12.9    | 13.02   | 13.26   | 14.5    |
|           |            | 50      | 0         | 12.98   | 13.04   | 13.27   | 14.5    |
|           | 64QAM      | 1       | 0         | 13.42   | 13.44   | 13.61   | 14.5    |
|           |            | 1       | 25        | 12.53   | 12.92   | 13.15   | 14.5    |
|           |            | 1       | 49        | 13.31   | 13.06   | 13.52   | 14.5    |
|           |            | 25      | 0         | 13.24   | 12.95   | 13.07   | 14.5    |
|           |            | 25      | 13        | 12.99   | 12.76   | 13.21   | 14.5    |
|           |            | 25      | 25        | 12.86   | 13.12   | 13      | 14.5    |
|           |            | 50      | 0         | 13.27   | 12.77   | 13.38   | 14.5    |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 40215   | 40690   | 41165   |         |
| 15MHz     | QPSK       | 1       | 0         | 13.09   | 13.07   | 13.33   | 14.5    |
|           |            | 1       | 38        | 13.06   | 13.04   | 13.15   | 14.5    |
|           |            | 1       | 74        | 13.08   | 13.16   | 13.44   | 14.5    |
|           |            | 36      | 0         | 13.15   | 13.23   | 13.31   | 14.5    |
|           |            | 36      | 18        | 13.14   | 13.11   | 13.4    | 14.5    |
|           |            | 36      | 39        | 13.14   | 13.17   | 13.43   | 14.5    |
|           |            | 75      | 0         | 13.16   | 13.12   | 13.34   | 14.5    |
|           | 16QAM      | 1       | 0         | 13.09   | 13.37   | 13.8    | 14.5    |
|           |            | 1       | 38        | 13.38   | 13.44   | 13.49   | 14.5    |
|           |            | 1       | 74        | 13.38   | 13.18   | 13.26   | 14.5    |
|           |            | 36      | 0         | 13.01   | 13.04   | 13.19   | 14.5    |
|           |            | 36      | 18        | 12.94   | 13.07   | 13.19   | 14.5    |
|           |            | 36      | 39        | 13.09   | 13.13   | 13.26   | 14.5    |
|           |            | 75      | 0         | 12.94   | 13.06   | 13.14   | 14.5    |
|           | 64QAM      | 1       | 0         | 13.42   | 13.48   | 13.69   | 14.5    |
|           |            | 1       | 38        | 12.51   | 12.98   | 13.23   | 14.5    |
|           |            | 1       | 74        | 13.33   | 13.02   | 13.53   | 14.5    |
|           |            | 36      | 0         | 13.23   | 12.95   | 13.07   | 14.5    |
|           |            | 36      | 18        | 13.04   | 12.69   | 13.24   | 14.5    |
|           |            | 36      | 39        | 12.88   | 13.11   | 13.06   | 14.5    |
|           |            | 75      | 0         | 13.3    | 12.75   | 13.36   | 14.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40240   | 40690   | 41140   |         |
| 20MHz     | QPSK       | 1       | 0         | 13.26   | 13.32   | 13.49   | 14.5    |
|           |            | 1       | 50        | 13.63   | 13.62   | 13.72   | 14.5    |
|           |            | 1       | 99        | 13.37   | 13.5    | 13.51   | 14.5    |
|           |            | 50      | 0         | 13.16   | 13.18   | 13.31   | 14.5    |
|           |            | 50      | 25        | 13.04   | 13.08   | 13.24   | 14.5    |
|           |            | 50      | 50        | 13.12   | 13.22   | 13.42   | 14.5    |
|           |            | 100     | 0         | 13.04   | 13.13   | 13.43   | 14.5    |
|           | 16QAM      | 1       | 0         | 13.65   | 13.52   | 13.63   | 14.5    |
|           |            | 1       | 50        | 13.63   | 13.73   | 13.93   | 14.5    |
|           |            | 1       | 99        | 13.23   | 13.78   | 14.07   | 14.5    |
|           |            | 50      | 0         | 13.09   | 13.09   | 13.23   | 14.5    |
|           |            | 50      | 25        | 12.96   | 13.02   | 13.19   | 14.5    |
|           |            | 50      | 50        | 12.97   | 13.09   | 13.41   | 14.5    |
|           |            | 100     | 0         | 13      | 13.09   | 13.39   | 14.5    |
|           | 64QAM      | 1       | 0         | 13.44   | 13.44   | 13.67   | 14.5    |
|           |            | 1       | 50        | 12.56   | 12.98   | 13.16   | 14.5    |
|           |            | 1       | 99        | 13.31   | 13.1    | 13.56   | 14.5    |
|           |            | 50      | 0         | 13.24   | 12.91   | 13.14   | 14.5    |
|           |            | 50      | 25        | 12.96   | 12.73   | 13.23   | 14.5    |
|           |            | 50      | 50        | 12.89   | 13.05   | 12.98   | 14.5    |
|           |            | 100     | 0         | 13.25   | 12.73   | 13.36   | 14.5    |

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| LTE Band 41 Receiver on(Right head) + WiFi2.4G Ant1 |            |         |           | Conducted Power(dBm) |               |               |         |
|-----------------------------------------------------|------------|---------|-----------|----------------------|---------------|---------------|---------|
| Bandwidth                                           | Modulation | RB size | RB offset | Channel 40165        | Channel 40690 | Channel 41215 | Tune up |
| 5MHz                                                | QPSK       | 1       | 0         | 12.54                | 12.52         | 12.78         | 14      |
|                                                     |            | 1       | 13        | 12.51                | 12.54         | 12.87         | 14      |
|                                                     |            | 1       | 24        | 12.51                | 12.49         | 12.85         | 14      |
|                                                     |            | 12      | 0         | 12.55                | 12.67         | 12.89         | 14      |
|                                                     |            | 12      | 6         | 12.5                 | 12.59         | 12.73         | 14      |
|                                                     |            | 12      | 13        | 12.64                | 12.63         | 12.83         | 14      |
|                                                     |            | 25      | 0         | 12.45                | 12.63         | 12.86         | 14      |
|                                                     | 16QAM      | 1       | 0         | 12.45                | 12.73         | 12.99         | 14      |
|                                                     |            | 1       | 13        | 12.49                | 12.63         | 13            | 14      |
|                                                     |            | 1       | 24        | 12.5                 | 12.63         | 12.78         | 14      |
|                                                     |            | 12      | 0         | 12.47                | 12.57         | 12.81         | 14      |
|                                                     |            | 12      | 6         | 12.28                | 12.64         | 12.85         | 14      |
|                                                     |            | 12      | 13        | 12.47                | 12.5          | 12.86         | 14      |
|                                                     |            | 25      | 0         | 12.55                | 12.56         | 12.77         | 14      |
|                                                     | 64QAM      | 1       | 0         | 12.84                | 12.84         | 13.1          | 14      |
|                                                     |            | 1       | 13        | 12.05                | 12.45         | 12.64         | 14      |
|                                                     |            | 1       | 24        | 12.73                | 12.56         | 13.01         | 14      |
|                                                     |            | 12      | 0         | 12.66                | 12.37         | 12.62         | 14      |
|                                                     |            | 12      | 6         | 12.43                | 12.13         | 12.69         | 14      |
|                                                     |            | 12      | 13        | 12.31                | 12.48         | 12.38         | 14      |
|                                                     |            | 25      | 0         | 12.7                 | 12.14         | 12.82         | 14      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40190   | 40690   | 41190   |         |
| 10MHz     | QPSK       | 1       | 0         | 12.5    | 12.54   | 12.93   | 14      |
|           |            | 1       | 25        | 12.9    | 12.4    | 12.73   | 14      |
|           |            | 1       | 49        | 12.53   | 12.63   | 12.96   | 14      |
|           |            | 25      | 0         | 12.54   | 12.61   | 12.87   | 14      |
|           |            | 25      | 13        | 12.62   | 12.57   | 12.78   | 14      |
|           |            | 25      | 25        | 12.53   | 12.62   | 12.82   | 14      |
|           |            | 50      | 0         | 12.59   | 12.67   | 12.78   | 14      |
|           | 16QAM      | 1       | 0         | 12.86   | 12.99   | 13.21   | 14      |
|           |            | 1       | 25        | 12.01   | 13.99   | 14.03   | 14      |
|           |            | 1       | 49        | 13.04   | 12.9    | 13      | 14      |
|           |            | 25      | 0         | 12.45   | 12.53   | 12.73   | 14      |
|           |            | 25      | 13        | 12.45   | 12.55   | 12.74   | 14      |
|           |            | 25      | 25        | 12.49   | 12.58   | 12.75   | 14      |
|           |            | 50      | 0         | 12.52   | 12.57   | 12.69   | 14      |
|           | 64QAM      | 1       | 0         | 12.94   | 12.89   | 13.1    | 14      |
|           |            | 1       | 25        | 11.97   | 12.42   | 12.63   | 14      |
|           |            | 1       | 49        | 12.74   | 12.53   | 13.03   | 14      |
|           |            | 25      | 0         | 12.71   | 12.3    | 12.56   | 14      |
|           |            | 25      | 13        | 12.36   | 12.18   | 12.65   | 14      |
|           |            | 25      | 25        | 12.38   | 12.51   | 12.42   | 14      |
|           |            | 50      | 0         | 12.69   | 12.14   | 12.85   | 14      |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 40215   | 40690   | 41165   |         |
| 15MHz     | QPSK       | 1       | 0         | 12.61   | 12.59   | 12.84   | 14      |
|           |            | 1       | 38        | 12.57   | 12.58   | 12.71   | 14      |
|           |            | 1       | 74        | 12.62   | 12.71   | 12.83   | 14      |
|           |            | 36      | 0         | 12.66   | 12.63   | 12.87   | 14      |
|           |            | 36      | 18        | 12.56   | 12.64   | 12.89   | 14      |
|           |            | 36      | 39        | 12.62   | 12.71   | 12.9    | 14      |
|           |            | 75      | 0         | 12.56   | 12.65   | 12.76   | 14      |
|           | 16QAM      | 1       | 0         | 12.49   | 13.03   | 13.15   | 14      |
|           |            | 1       | 38        | 12.38   | 12.92   | 12.77   | 14      |
|           |            | 1       | 74        | 12.72   | 13.02   | 12.82   | 14      |
|           |            | 36      | 0         | 12.6    | 12.55   | 12.81   | 14      |
|           |            | 36      | 18        | 12.5    | 12.57   | 12.75   | 14      |
|           |            | 36      | 39        | 12.57   | 12.6    | 12.86   | 14      |
|           |            | 75      | 0         | 12.47   | 12.57   | 12.68   | 14      |
|           | 64QAM      | 1       | 0         | 12.87   | 12.89   | 13.08   | 14      |
|           |            | 1       | 38        | 11.95   | 12.48   | 12.64   | 14      |
|           |            | 1       | 74        | 12.74   | 12.52   | 12.98   | 14      |
|           |            | 36      | 0         | 12.64   | 12.38   | 12.56   | 14      |
|           |            | 36      | 18        | 12.45   | 12.12   | 12.73   | 14      |
|           |            | 36      | 39        | 12.38   | 12.54   | 12.45   | 14      |
|           |            | 75      | 0         | 12.74   | 12.18   | 12.85   | 14      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40240   | 40690   | 41140   |         |
| 20MHz     | QPSK       | 1       | 0         | 12.82   | 12.81   | 13.11   | 14      |
|           |            | 1       | 50        | 13.08   | 13.34   | 13.09   | 14      |
|           |            | 1       | 99        | 12.85   | 12.93   | 13.05   | 14      |
|           |            | 50      | 0         | 12.69   | 12.71   | 12.87   | 14      |
|           |            | 50      | 25        | 12.61   | 12.64   | 12.88   | 14      |
|           |            | 50      | 50        | 12.62   | 12.77   | 12.92   | 14      |
|           |            | 100     | 0         | 12.58   | 12.68   | 12.87   | 14      |
|           | 16QAM      | 1       | 0         | 13.07   | 12.93   | 13.31   | 14      |
|           |            | 1       | 50        | 12.42   | 12.81   | 13.49   | 14      |
|           |            | 1       | 99        | 12.79   | 12.95   | 13.33   | 14      |
|           |            | 50      | 0         | 12.61   | 12.63   | 12.8    | 14      |
|           |            | 50      | 25        | 12.49   | 12.53   | 12.73   | 14      |
|           |            | 50      | 50        | 12.51   | 12.69   | 12.82   | 14      |
|           |            | 100     | 0         | 12.49   | 12.57   | 12.8    | 14      |
|           | 64QAM      | 1       | 0         | 12.94   | 12.93   | 13.09   | 14      |
|           |            | 1       | 50        | 11.95   | 12.42   | 12.63   | 14      |
|           |            | 1       | 99        | 12.77   | 12.49   | 12.99   | 14      |
|           |            | 50      | 0         | 12.66   | 12.31   | 12.54   | 14      |
|           |            | 50      | 25        | 12.37   | 12.21   | 12.67   | 14      |
|           |            | 50      | 50        | 12.3    | 12.44   | 12.38   | 14      |
|           |            | 100     | 0         | 12.65   | 12.21   | 12.82   | 14      |

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| LTE Band 41 Receiver off ( body or limbs ) +<br>WiFi2.4G Ant1 |            |            |              | Conducted Power(dBm) |                  |                  |         |
|---------------------------------------------------------------|------------|------------|--------------|----------------------|------------------|------------------|---------|
| Bandwidth                                                     | Modulation | RB<br>size | RB<br>offset | Channel<br>40165     | Channel<br>40690 | Channel<br>41215 | Tune up |
| 5MHz                                                          | QPSK       | 1          | 0            | 15.63                | 15.58            | 15.69            | 17      |
|                                                               |            | 1          | 13           | 15.69                | 15.73            | 15.88            | 17      |
|                                                               |            | 1          | 24           | 15.56                | 15.62            | 15.94            | 17      |
|                                                               |            | 12         | 0            | 15.66                | 15.62            | 15.88            | 17      |
|                                                               |            | 12         | 6            | 15.52                | 15.51            | 15.65            | 17      |
|                                                               |            | 12         | 13           | 15.6                 | 15.6             | 15.88            | 17      |
|                                                               |            | 25         | 0            | 15.55                | 15.59            | 15.9             | 17      |
|                                                               | 16QAM      | 1          | 0            | 15.82                | 15.9             | 16.05            | 17      |
|                                                               |            | 1          | 13           | 15.48                | 15.94            | 15.89            | 17      |
|                                                               |            | 1          | 24           | 15.5                 | 15.94            | 16.1             | 17      |
|                                                               |            | 12         | 0            | 15.5                 | 15.43            | 15.69            | 17      |
|                                                               |            | 12         | 6            | 15.59                | 15.31            | 15.6             | 17      |
|                                                               |            | 12         | 13           | 15.49                | 15.53            | 15.73            | 17      |
|                                                               |            | 25         | 0            | 15.54                | 15.5             | 15.89            | 17      |
|                                                               | 64QAM      | 1          | 0            | 15.91                | 15.83            | 16               | 17      |
|                                                               |            | 1          | 13           | 14.89                | 15.35            | 15.55            | 17      |
|                                                               |            | 1          | 24           | 15.71                | 15.47            | 15.93            | 17      |
|                                                               |            | 12         | 0            | 15.55                | 15.23            | 15.45            | 17      |
|                                                               |            | 12         | 6            | 15.32                | 15.21            | 15.61            | 17      |
|                                                               |            | 12         | 13           | 15.26                | 15.43            | 15.27            | 17      |
|                                                               |            | 25         | 0            | 15.54                | 15.42            | 15.79            | 17      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40190   | 40690   | 41190   |         |
| 10MHz     | QPSK       | 1       | 0         | 15.57   | 15.53   | 15.86   | 17      |
|           |            | 1       | 25        | 15.4    | 15.47   | 15.42   | 17      |
|           |            | 1       | 49        | 15.54   | 15.69   | 15.79   | 17      |
|           |            | 25      | 0         | 15.53   | 15.66   | 15.8    | 17      |
|           |            | 25      | 13        | 15.62   | 15.57   | 15.72   | 17      |
|           |            | 25      | 25        | 15.53   | 15.62   | 15.78   | 17      |
|           |            | 50      | 0         | 15.46   | 15.56   | 15.83   | 17      |
|           | 16QAM      | 1       | 0         | 15.74   | 15.93   | 15.97   | 17      |
|           |            | 1       | 25        | 16.35   | 15.63   | 16.7    | 17      |
|           |            | 1       | 49        | 15.67   | 16.01   | 15.95   | 17      |
|           |            | 25      | 0         | 15.56   | 15.44   | 15.75   | 17      |
|           |            | 25      | 13        | 15.46   | 15.43   | 15.78   | 17      |
|           |            | 25      | 25        | 15.47   | 15.6    | 15.73   | 17      |
|           |            | 50      | 0         | 15.47   | 15.42   | 15.76   | 17      |
|           | 64QAM      | 1       | 0         | 15.91   | 15.83   | 16      | 17      |
|           |            | 1       | 25        | 14.89   | 15.35   | 15.55   | 17      |
|           |            | 1       | 49        | 15.71   | 15.47   | 15.93   | 17      |
|           |            | 25      | 0         | 15.55   | 15.23   | 15.45   | 17      |
|           |            | 25      | 13        | 15.32   | 15.21   | 15.61   | 17      |
|           |            | 25      | 25        | 15.26   | 15.43   | 15.27   | 17      |
|           |            | 50      | 0         | 15.54   | 15.51   | 15.79   | 17      |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 40215   | 40690   | 41165   |         |
| 15MHz     | QPSK       | 1       | 0         | 15.58   | 15.54   | 15.88   | 17      |
|           |            | 1       | 38        | 15.48   | 15.6    | 15.67   | 17      |
|           |            | 1       | 74        | 15.49   | 15.77   | 15.8    | 17      |
|           |            | 36      | 0         | 15.69   | 15.6    | 15.79   | 17      |
|           |            | 36      | 18        | 15.57   | 15.67   | 15.88   | 17      |
|           |            | 36      | 39        | 15.63   | 15.62   | 15.92   | 17      |
|           |            | 75      | 0         | 15.58   | 15.68   | 15.95   | 17      |
|           | 16QAM      | 1       | 0         | 15.72   | 15.69   | 15.69   | 17      |
|           |            | 1       | 38        | 15.83   | 15.65   | 15.65   | 17      |
|           |            | 1       | 74        | 15.52   | 15.9    | 16.08   | 17      |
|           |            | 36      | 0         | 15.59   | 15.55   | 15.83   | 17      |
|           |            | 36      | 18        | 15.5    | 15.55   | 15.76   | 17      |
|           |            | 36      | 39        | 15.35   | 15.71   | 15.87   | 17      |
|           |            | 75      | 0         | 15.49   | 15.4    | 15.89   | 17      |
|           | 64QAM      | 1       | 0         | 15.91   | 15.83   | 16      | 17      |
|           |            | 1       | 38        | 14.89   | 15.35   | 15.55   | 17      |
|           |            | 1       | 74        | 15.71   | 15.47   | 15.93   | 17      |
|           |            | 36      | 0         | 15.55   | 15.23   | 15.45   | 17      |
|           |            | 36      | 18        | 15.32   | 15.21   | 15.61   | 17      |
|           |            | 36      | 39        | 15.26   | 15.43   | 15.27   | 17      |
|           |            | 75      | 0         | 15.54   | 15.48   | 15.79   | 17      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40240   | 40690   | 41140   |         |
| 20MHz     | QPSK       | 1       | 0         | 15.76   | 15.7    | 16.07   | 17      |
|           |            | 1       | 50        | 15.51   | 15.7    | 15.86   | 17      |
|           |            | 1       | 99        | 15.82   | 15.84   | 16.13   | 17      |
|           |            | 50      | 0         | 15.61   | 15.65   | 15.88   | 17      |
|           |            | 50      | 25        | 15.52   | 15.47   | 15.8    | 17      |
|           |            | 50      | 50        | 15.51   | 15.75   | 15.86   | 17      |
|           |            | 100     | 0         | 15.62   | 15.64   | 15.85   | 17      |
|           | 16QAM      | 1       | 0         | 15.96   | 15.92   | 16.12   | 17      |
|           |            | 1       | 50        | 15.87   | 15.85   | 16.09   | 17      |
|           |            | 1       | 99        | 15.76   | 15.94   | 16.3    | 17      |
|           |            | 50      | 0         | 15.51   | 15.54   | 15.76   | 17      |
|           |            | 50      | 25        | 15.43   | 15.51   | 15.71   | 17      |
|           |            | 50      | 50        | 15.41   | 15.67   | 15.77   | 17      |
|           |            | 100     | 0         | 15.54   | 15.5    | 15.79   | 17      |
|           | 64QAM      | 1       | 0         | 15.91   | 15.83   | 16      | 17      |
|           |            | 1       | 50        | 14.89   | 15.35   | 15.55   | 17      |
|           |            | 1       | 99        | 15.71   | 15.47   | 15.93   | 17      |
|           |            | 50      | 0         | 15.55   | 15.23   | 15.45   | 17      |
|           |            | 50      | 25        | 15.32   | 15.21   | 15.61   | 17      |
|           |            | 50      | 50        | 15.26   | 15.43   | 15.27   | 17      |
|           |            | 100     | 0         | 15.54   | 15.46   | 15.79   | 17      |

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| LTE Band 41 Receiver on(Left head) + WiFi5G<br>Ant1/Ant2/MIMO |            |            |              | Conducted Power(dBm) |         |         |         |
|---------------------------------------------------------------|------------|------------|--------------|----------------------|---------|---------|---------|
| Bandwidth                                                     | Modulation | RB<br>size | RB<br>offset | Channel              | Channel | Channel | Tune up |
|                                                               |            |            |              | 40165                | 40690   | 41215   |         |
| 5MHz                                                          | QPSK       | 1          | 0            | 10.98                | 11.06   | 11.24   | 12.2    |
|                                                               |            | 1          | 13           | 10.97                | 11.05   | 11.35   | 12.2    |
|                                                               |            | 1          | 24           | 11                   | 11.04   | 11.36   | 12.2    |
|                                                               |            | 12         | 0            | 11.01                | 11.07   | 11.3    | 12.2    |
|                                                               |            | 12         | 6            | 10.84                | 10.96   | 11.17   | 12.2    |
|                                                               |            | 12         | 13           | 10.97                | 11.15   | 11.38   | 12.2    |
|                                                               |            | 25         | 0            | 11.05                | 11.03   | 11.38   | 12.2    |
|                                                               | 16QAM      | 1          | 0            | 10.95                | 10.94   | 11.56   | 12.2    |
|                                                               |            | 1          | 13           | 11.1                 | 11.11   | 11.57   | 12.2    |
|                                                               |            | 1          | 24           | 11.12                | 11.24   | 11.59   | 12.2    |
|                                                               |            | 12         | 0            | 10.98                | 11.03   | 11.28   | 12.2    |
|                                                               |            | 12         | 6            | 11                   | 11.02   | 11.19   | 12.2    |
|                                                               |            | 12         | 13           | 10.93                | 10.88   | 11.15   | 12.2    |
|                                                               |            | 25         | 0            | 11.01                | 10.86   | 11.18   | 12.2    |
|                                                               | 64QAM      | 1          | 0            | 11.28                | 11.22   | 11.41   | 12.2    |
|                                                               |            | 1          | 13           | 10.32                | 10.77   | 10.92   | 12.2    |
|                                                               |            | 1          | 24           | 11.1                 | 10.92   | 11.37   | 12.2    |
|                                                               |            | 12         | 0            | 10.92                | 10.72   | 10.93   | 12.2    |
|                                                               |            | 12         | 6            | 10.69                | 10.63   | 11      | 12.2    |
|                                                               |            | 12         | 13           | 10.71                | 10.78   | 10.66   | 12.2    |
|                                                               |            | 25         | 0            | 10.9                 | 10.81   | 11.24   | 12.2    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40190   | 40690   | 41190   |         |
| 10MHz     | QPSK       | 1       | 0         | 11.03   | 11.08   | 11.18   | 12.2    |
|           |            | 1       | 25        | 10.93   | 11.03   | 11.41   | 12.2    |
|           |            | 1       | 49        | 10.99   | 11.19   | 11.34   | 12.2    |
|           |            | 25      | 0         | 11.1    | 11.08   | 11.24   | 12.2    |
|           |            | 25      | 13        | 11.04   | 11.05   | 11.26   | 12.2    |
|           |            | 25      | 25        | 11.09   | 11.12   | 11.34   | 12.2    |
|           |            | 50      | 0         | 11.02   | 11.15   | 11.27   | 12.2    |
|           | 16QAM      | 1       | 0         | 11.35   | 11.27   | 11.42   | 12.2    |
|           |            | 1       | 25        | 11.44   | 11.14   | 11.32   | 12.2    |
|           |            | 1       | 49        | 11.37   | 11.16   | 11.56   | 12.2    |
|           |            | 25      | 0         | 10.9    | 10.97   | 11.13   | 12.2    |
|           |            | 25      | 13        | 10.99   | 11.08   | 11.16   | 12.2    |
|           |            | 25      | 25        | 10.99   | 11.05   | 11.18   | 12.2    |
|           |            | 50      | 0         | 10.95   | 10.94   | 11.21   | 12.2    |
|           | 64QAM      | 1       | 0         | 11.32   | 11.29   | 11.45   | 12.2    |
|           |            | 1       | 25        | 10.37   | 10.84   | 11.01   | 12.2    |
|           |            | 1       | 49        | 11.13   | 10.96   | 11.38   | 12.2    |
|           |            | 25      | 0         | 11.02   | 10.71   | 10.89   | 12.2    |
|           |            | 25      | 13        | 10.68   | 10.7    | 10.99   | 12.2    |
|           |            | 25      | 25        | 10.67   | 10.78   | 10.68   | 12.2    |
|           |            | 50      | 0         | 10.92   | 10.91   | 11.27   | 12.2    |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 40215   | 40690   | 41165   |         |
| 15MHz     | QPSK       | 1       | 0         | 10.99   | 11.05   | 11.26   | 12.2    |
|           |            | 1       | 38        | 10.96   | 11      | 11.3    | 12.2    |
|           |            | 1       | 74        | 11      | 11.16   | 11.37   | 12.2    |
|           |            | 36      | 0         | 11.17   | 11.06   | 11.28   | 12.2    |
|           |            | 36      | 18        | 11.07   | 11.07   | 11.23   | 12.2    |
|           |            | 36      | 39        | 11      | 11.15   | 11.39   | 12.2    |
|           |            | 75      | 0         | 11.07   | 11.08   | 11.3    | 12.2    |
|           | 16QAM      | 1       | 0         | 11.3    | 11.32   | 11.1    | 12.2    |
|           |            | 1       | 38        | 11.15   | 11.23   | 11.48   | 12.2    |
|           |            | 1       | 74        | 11.39   | 11.1    | 11.58   | 12.2    |
|           |            | 36      | 0         | 11.12   | 11.15   | 11.37   | 12.2    |
|           |            | 36      | 18        | 11.03   | 10.98   | 11.31   | 12.2    |
|           |            | 36      | 39        | 11.08   | 11.08   | 11.28   | 12.2    |
|           |            | 75      | 0         | 10.95   | 10.97   | 11.35   | 12.2    |
|           | 64QAM      | 1       | 0         | 11.32   | 11.23   | 11.4    | 12.2    |
|           |            | 1       | 38        | 10.26   | 10.7    | 10.96   | 12.2    |
|           |            | 1       | 74        | 11.19   | 10.86   | 11.41   | 12.2    |
|           |            | 36      | 0         | 11.02   | 10.66   | 10.89   | 12.2    |
|           |            | 36      | 18        | 10.79   | 10.63   | 11.01   | 12.2    |
|           |            | 36      | 39        | 10.61   | 10.9    | 10.71   | 12.2    |
|           |            | 75      | 0         | 11.03   | 10.95   | 11.23   | 12.2    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40240   | 40690   | 41140   |         |
| 20MHz     | QPSK       | 1       | 0         | 11.22   | 11.16   | 11.51   | 12.2    |
|           |            | 1       | 50        | 11.39   | 11.46   | 11.66   | 12.2    |
|           |            | 1       | 99        | 11.21   | 11.25   | 11.54   | 12.2    |
|           |            | 50      | 0         | 11.15   | 11.13   | 11.27   | 12.2    |
|           |            | 50      | 25        | 10.94   | 11.16   | 11.33   | 12.2    |
|           |            | 50      | 50        | 11.07   | 11.31   | 11.38   | 12.2    |
|           |            | 100     | 0         | 11.04   | 11.2    | 11.38   | 12.2    |
|           | 16QAM      | 1       | 0         | 11.43   | 11.54   | 11.73   | 12.2    |
|           |            | 1       | 50        | 11.38   | 10.99   | 11.07   | 12.2    |
|           |            | 1       | 99        | 11.6    | 11.51   | 11.94   | 12.2    |
|           |            | 50      | 0         | 10.94   | 11.03   | 11.18   | 12.2    |
|           |            | 50      | 25        | 11      | 10.94   | 11.27   | 12.2    |
|           |            | 50      | 50        | 10.97   | 11.15   | 11.35   | 12.2    |
|           |            | 100     | 0         | 10.97   | 11.11   | 11.29   | 12.2    |
|           | 64QAM      | 1       | 0         | 11.38   | 11.27   | 11.49   | 12.2    |
|           |            | 1       | 50        | 10.31   | 10.72   | 10.99   | 12.2    |
|           |            | 1       | 99        | 11.13   | 10.87   | 11.35   | 12.2    |
|           |            | 50      | 0         | 10.99   | 10.72   | 10.94   | 12.2    |
|           |            | 50      | 25        | 10.7    | 10.66   | 11.08   | 12.2    |
|           |            | 50      | 50        | 10.67   | 10.87   | 10.7    | 12.2    |
|           |            | 100     | 0         | 10.97   | 10.86   | 11.2    | 12.2    |

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| LTE Band 41 Receiver on(Right head) + WiFi5G<br>Ant1/Ant2/MIMO |            |         |           | Conducted Power(dBm) |         |         |         |
|----------------------------------------------------------------|------------|---------|-----------|----------------------|---------|---------|---------|
| Bandwidth                                                      | Modulation | RB size | RB offset | Channel              | Channel | Channel | Tune up |
|                                                                |            |         |           | 40165                | 40690   | 41215   |         |
| 5MHz                                                           | QPSK       | 1       | 0         | 10.43                | 10.6    | 10.81   | 11.7    |
|                                                                |            | 1       | 13        | 10.43                | 10.63   | 10.79   | 11.7    |
|                                                                |            | 1       | 24        | 10.43                | 10.62   | 10.79   | 11.7    |
|                                                                |            | 12      | 0         | 10.51                | 10.57   | 10.9    | 11.7    |
|                                                                |            | 12      | 6         | 10.46                | 10.45   | 10.6    | 11.7    |
|                                                                |            | 12      | 13        | 10.46                | 10.53   | 10.84   | 11.7    |
|                                                                |            | 25      | 0         | 10.4                 | 10.53   | 10.71   | 11.7    |
|                                                                | 16QAM      | 1       | 0         | 10.55                | 10.61   | 10.85   | 11.7    |
|                                                                |            | 1       | 13        | 10.59                | 10.64   | 10.86   | 11.7    |
|                                                                |            | 1       | 24        | 10.76                | 10.65   | 10.75   | 11.7    |
|                                                                |            | 12      | 0         | 10.42                | 10.47   | 10.85   | 11.7    |
|                                                                |            | 12      | 6         | 10.49                | 10.47   | 10.65   | 11.7    |
|                                                                |            | 12      | 13        | 10.42                | 10.47   | 10.71   | 11.7    |
|                                                                |            | 25      | 0         | 10.42                | 10.4    | 10.77   | 11.7    |
|                                                                | 64QAM      | 1       | 0         | 10.77                | 10.66   | 10.85   | 11.7    |
|                                                                |            | 1       | 13        | 9.75                 | 10.19   | 10.33   | 11.7    |
|                                                                |            | 1       | 24        | 10.57                | 10.41   | 10.8    | 11.7    |
|                                                                |            | 12      | 0         | 10.33                | 10.2    | 10.33   | 11.7    |
|                                                                |            | 12      | 6         | 10.16                | 10.1    | 10.44   | 11.7    |
|                                                                |            | 12      | 13        | 10.18                | 10.22   | 10.1    | 11.7    |
|                                                                |            | 25      | 0         | 10.33                | 10.26   | 10.7    | 11.7    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40190   | 40690   | 41190   |         |
| 10MHz     | QPSK       | 1       | 0         | 10.5    | 10.55   | 10.7    | 11.7    |
|           |            | 1       | 25        | 10.29   | 10.71   | 10.87   | 11.7    |
|           |            | 1       | 49        | 10.46   | 10.64   | 10.76   | 11.7    |
|           |            | 25      | 0         | 10.57   | 10.56   | 10.7    | 11.7    |
|           |            | 25      | 13        | 10.51   | 10.53   | 10.73   | 11.7    |
|           |            | 25      | 25        | 10.57   | 10.6    | 10.77   | 11.7    |
|           |            | 50      | 0         | 10.5    | 10.5    | 10.72   | 11.7    |
|           | 16QAM      | 1       | 0         | 10.87   | 10.58   | 10.37   | 11.7    |
|           |            | 1       | 25        | 10.41   | 9.31    | 10.55   | 11.7    |
|           |            | 1       | 49        | 10.89   | 10.33   | 10.95   | 11.7    |
|           |            | 25      | 0         | 10.39   | 10.44   | 10.57   | 11.7    |
|           |            | 25      | 13        | 10.4    | 10.47   | 10.69   | 11.7    |
|           |            | 25      | 25        | 10.36   | 10.54   | 10.68   | 11.7    |
|           |            | 50      | 0         | 10.56   | 10.5    | 10.63   | 11.7    |
|           | 64QAM      | 1       | 0         | 10.76   | 10.63   | 10.87   | 11.7    |
|           |            | 1       | 25        | 9.81    | 10.21   | 10.42   | 11.7    |
|           |            | 1       | 49        | 10.54   | 10.36   | 10.77   | 11.7    |
|           |            | 25      | 0         | 10.4    | 10.14   | 10.37   | 11.7    |
|           |            | 25      | 13        | 10.15   | 10.07   | 10.48   | 11.7    |
|           |            | 25      | 25        | 10.21   | 10.2    | 10.15   | 11.7    |
|           |            | 50      | 0         | 10.39   | 10.23   | 10.67   | 11.7    |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 40215   | 40690   | 41165   |         |
| 15MHz     | QPSK       | 1       | 0         | 10.61   | 10.51   | 10.76   | 11.7    |
|           |            | 1       | 38        | 10.4    | 10.49   | 10.74   | 11.7    |
|           |            | 1       | 74        | 10.47   | 10.63   | 10.82   | 11.7    |
|           |            | 36      | 0         | 10.64   | 10.65   | 10.86   | 11.7    |
|           |            | 36      | 18        | 10.52   | 10.54   | 10.81   | 11.7    |
|           |            | 36      | 39        | 10.46   | 10.62   | 10.85   | 11.7    |
|           |            | 75      | 0         | 10.53   | 10.55   | 10.75   | 11.7    |
|           | 16QAM      | 1       | 0         | 10.74   | 10.57   | 11.03   | 11.7    |
|           |            | 1       | 38        | 10.71   | 10.72   | 11      | 11.7    |
|           |            | 1       | 74        | 10.77   | 10.51   | 11.14   | 11.7    |
|           |            | 36      | 0         | 10.6    | 10.5    | 10.84   | 11.7    |
|           |            | 36      | 18        | 10.37   | 10.45   | 10.67   | 11.7    |
|           |            | 36      | 39        | 10.5    | 10.51   | 10.76   | 11.7    |
|           |            | 75      | 0         | 10.4    | 10.46   | 10.77   | 11.7    |
|           | 64QAM      | 1       | 0         | 10.75   | 10.65   | 10.84   | 11.7    |
|           |            | 1       | 38        | 9.73    | 10.23   | 10.38   | 11.7    |
|           |            | 1       | 74        | 10.56   | 10.4    | 10.78   | 11.7    |
|           |            | 36      | 0         | 10.33   | 10.16   | 10.36   | 11.7    |
|           |            | 36      | 18        | 10.09   | 10.08   | 10.46   | 11.7    |
|           |            | 36      | 39        | 10.12   | 10.21   | 10.09   | 11.7    |
|           |            | 75      | 0         | 10.32   | 10.25   | 10.65   | 11.7    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40240   | 40690   | 41140   |         |
| 20MHz     | QPSK       | 1       | 0         | 10.69   | 10.8    | 11.04   | 11.7    |
|           |            | 1       | 50        | 10.93   | 11.1    | 11.04   | 11.7    |
|           |            | 1       | 99        | 10.75   | 10.77   | 10.92   | 11.7    |
|           |            | 50      | 0         | 10.66   | 10.62   | 10.87   | 11.7    |
|           |            | 50      | 25        | 10.44   | 10.55   | 10.8    | 11.7    |
|           |            | 50      | 50        | 10.58   | 10.69   | 10.84   | 11.7    |
|           |            | 100     | 0         | 10.55   | 10.59   | 10.85   | 11.7    |
|           | 16QAM      | 1       | 0         | 10.51   | 11      | 11      | 11.7    |
|           |            | 1       | 50        | 10.99   | 10.98   | 11.57   | 11.7    |
|           |            | 1       | 99        | 10.72   | 11.13   | 11.16   | 11.7    |
|           |            | 50      | 0         | 10.58   | 10.5    | 10.69   | 11.7    |
|           |            | 50      | 25        | 10.47   | 10.49   | 10.75   | 11.7    |
|           |            | 50      | 50        | 10.5    | 10.73   | 10.79   | 11.7    |
|           |            | 100     | 0         | 10.43   | 10.48   | 10.76   | 11.7    |
|           | 64QAM      | 1       | 0         | 10.73   | 10.63   | 10.84   | 11.7    |
|           |            | 1       | 50        | 10.12   | 10.23   | 10.34   | 11.7    |
|           |            | 1       | 99        | 10.52   | 10.34   | 10.83   | 11.7    |
|           |            | 50      | 0         | 10.35   | 10.15   | 10.37   | 11.7    |
|           |            | 50      | 25        | 10.16   | 10.09   | 10.48   | 11.7    |
|           |            | 50      | 50        | 10.18   | 10.25   | 10.09   | 11.7    |
|           |            | 100     | 0         | 10.36   | 10.3    | 10.68   | 11.7    |

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| LTE Band 41 Receiver off ( body or limbs ) +<br>WiFi5G Ant1/Ant2/MIMO |            |            |              | Conducted Power(dBm) |         |         |         |
|-----------------------------------------------------------------------|------------|------------|--------------|----------------------|---------|---------|---------|
| Bandwidth                                                             | Modulation | RB<br>size | RB<br>offset | Channel              | Channel | Channel | Tune up |
|                                                                       |            |            |              | 40165                | 40690   | 41215   |         |
| 5MHz                                                                  | QPSK       | 1          | 0            | 13.6                 | 13.55   | 13.78   | 14.7    |
|                                                                       |            | 1          | 13           | 13.57                | 13.66   | 13.77   | 14.7    |
|                                                                       |            | 1          | 24           | 13.45                | 13.63   | 13.78   | 14.7    |
|                                                                       |            | 12         | 0            | 13.52                | 13.6    | 13.84   | 14.7    |
|                                                                       |            | 12         | 6            | 13.1                 | 13.48   | 13.72   | 14.7    |
|                                                                       |            | 12         | 13           | 13.61                | 13.67   | 13.8    | 14.7    |
|                                                                       |            | 25         | 0            | 13.58                | 13.55   | 13.79   | 14.7    |
|                                                                       | 16QAM      | 1          | 0            | 13.65                | 13.5    | 13.86   | 14.7    |
|                                                                       |            | 1          | 13           | 13.29                | 13.55   | 13.99   | 14.7    |
|                                                                       |            | 1          | 24           | 13.2                 | 13.69   | 14.2    | 14.7    |
|                                                                       |            | 12         | 0            | 13.49                | 13.57   | 13.78   | 14.7    |
|                                                                       |            | 12         | 6            | 13.55                | 13.66   | 13.69   | 14.7    |
|                                                                       |            | 12         | 13           | 13.44                | 13.61   | 13.65   | 14.7    |
|                                                                       |            | 25         | 0            | 13.47                | 13.46   | 13.75   | 14.7    |
|                                                                       | 64QAM      | 1          | 0            | 13.43                | 13.33   | 13.54   | 14.7    |
|                                                                       |            | 1          | 13           | 12.83                | 12.98   | 13.04   | 14.7    |
|                                                                       |            | 1          | 24           | 13.19                | 13.02   | 13.55   | 14.7    |
|                                                                       |            | 12         | 0            | 13.11                | 12.9    | 13.15   | 14.7    |
|                                                                       |            | 12         | 6            | 12.86                | 12.78   | 13.16   | 14.7    |
|                                                                       |            | 12         | 13           | 12.96                | 13.01   | 12.87   | 14.7    |
|                                                                       |            | 25         | 0            | 13.15                | 13.05   | 13.35   | 14.7    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40190   | 40690   | 41190   |         |
| 10MHz     | QPSK       | 1       | 0         | 13.65   | 13.59   | 13.73   | 14.7    |
|           |            | 1       | 25        | 13.49   | 13.47   | 13.88   | 14.7    |
|           |            | 1       | 49        | 13.62   | 13.59   | 13.77   | 14.7    |
|           |            | 25      | 0         | 13.56   | 13.57   | 13.79   | 14.7    |
|           |            | 25      | 13        | 13.49   | 13.42   | 13.81   | 14.7    |
|           |            | 25      | 25        | 13.55   | 13.59   | 13.8    | 14.7    |
|           |            | 50      | 0         | 13.61   | 13.63   | 13.86   | 14.7    |
|           | 16QAM      | 1       | 0         | 13.71   | 13.83   | 13.93   | 14.7    |
|           |            | 1       | 25        | 13.99   | 13.85   | 14.04   | 14.7    |
|           |            | 1       | 49        | 13.67   | 13.74   | 14.15   | 14.7    |
|           |            | 25      | 0         | 13.43   | 13.51   | 13.69   | 14.7    |
|           |            | 25      | 13        | 13.5    | 13.51   | 13.74   | 14.7    |
|           |            | 25      | 25        | 13.55   | 13.46   | 13.81   | 14.7    |
|           |            | 50      | 0         | 13.58   | 13.52   | 13.7    | 14.7    |
|           | 64QAM      | 1       | 0         | 13.43   | 13.42   | 13.53   | 14.7    |
|           |            | 1       | 25        | 12.83   | 13.01   | 13.03   | 14.7    |
|           |            | 1       | 49        | 13.24   | 13.04   | 13.53   | 14.7    |
|           |            | 25      | 0         | 13.06   | 12.87   | 13.07   | 14.7    |
|           |            | 25      | 13        | 12.88   | 12.85   | 13.17   | 14.7    |
|           |            | 25      | 25        | 12.86   | 12.96   | 12.85   | 14.7    |
|           |            | 50      | 0         | 13.08   | 13.08   | 13.43   | 14.7    |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 40215   | 40690   | 41165   |         |
| 15MHz     | QPSK       | 1       | 0         | 13.76   | 13.72   | 13.72   | 14.7    |
|           |            | 1       | 38        | 13.57   | 13.55   | 13.61   | 14.7    |
|           |            | 1       | 74        | 13.48   | 13.6    | 13.73   | 14.7    |
|           |            | 36      | 0         | 13.65   | 13.57   | 13.86   | 14.7    |
|           |            | 36      | 18        | 13.53   | 13.59   | 13.78   | 14.7    |
|           |            | 36      | 39        | 13.63   | 13.64   | 13.98   | 14.7    |
|           |            | 75      | 0         | 13.56   | 13.58   | 13.84   | 14.7    |
|           | 16QAM      | 1       | 0         | 13.82   | 13.84   | 13.82   | 14.7    |
|           |            | 1       | 38        | 13.79   | 13.63   | 13.92   | 14.7    |
|           |            | 1       | 74        | 13.59   | 13.85   | 13.91   | 14.7    |
|           |            | 36      | 0         | 13.71   | 13.6    | 13.67   | 14.7    |
|           |            | 36      | 18        | 13.51   | 13.48   | 13.62   | 14.7    |
|           |            | 36      | 39        | 13.4    | 13.75   | 13.89   | 14.7    |
|           |            | 75      | 0         | 13.52   | 13.49   | 13.74   | 14.7    |
|           | 64QAM      | 1       | 0         | 13.46   | 13.4    | 13.64   | 14.7    |
|           |            | 1       | 38        | 12.82   | 12.91   | 13.07   | 14.7    |
|           |            | 1       | 74        | 13.31   | 13.04   | 13.51   | 14.7    |
|           |            | 36      | 0         | 13.02   | 12.91   | 13.06   | 14.7    |
|           |            | 36      | 18        | 12.9    | 12.83   | 13.19   | 14.7    |
|           |            | 36      | 39        | 12.92   | 12.92   | 12.87   | 14.7    |
|           |            | 75      | 0         | 13.14   | 13.02   | 13.48   | 14.7    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40240   | 40690   | 41140   |         |
| 20MHz     | QPSK       | 1       | 0         | 13.82   | 13.73   | 13.98   | 14.7    |
|           |            | 1       | 50        | 13.88   | 14.11   | 14.24   | 14.7    |
|           |            | 1       | 99        | 13.72   | 13.87   | 14.13   | 14.7    |
|           |            | 50      | 0         | 13.65   | 13.64   | 13.86   | 14.7    |
|           |            | 50      | 25        | 13.58   | 13.55   | 13.86   | 14.7    |
|           |            | 50      | 50        | 13.59   | 13.66   | 13.85   | 14.7    |
|           |            | 100     | 0         | 13.54   | 13.7    | 13.85   | 14.7    |
|           | 16QAM      | 1       | 0         | 13.84   | 14.27   | 14.45   | 14.7    |
|           |            | 1       | 50        | 14.22   | 13.76   | 13.72   | 14.7    |
|           |            | 1       | 99        | 13.93   | 14.08   | 14.29   | 14.7    |
|           |            | 50      | 0         | 13.64   | 13.6    | 13.82   | 14.7    |
|           |            | 50      | 25        | 13.42   | 13.48   | 13.8    | 14.7    |
|           |            | 50      | 50        | 13.56   | 13.59   | 13.79   | 14.7    |
|           |            | 100     | 0         | 13.55   | 13.67   | 13.81   | 14.7    |
|           | 64QAM      | 1       | 0         | 13.51   | 13.34   | 13.58   | 14.7    |
|           |            | 1       | 50        | 12.86   | 13      | 13.12   | 14.7    |
|           |            | 1       | 99        | 13.3    | 13.08   | 13.58   | 14.7    |
|           |            | 50      | 0         | 13.12   | 12.93   | 13.08   | 14.7    |
|           |            | 50      | 25        | 12.92   | 12.81   | 13.19   | 14.7    |
|           |            | 50      | 50        | 12.95   | 13.01   | 12.85   | 14.7    |
|           |            | 100     | 0         | 13.1    | 13.04   | 13.38   | 14.7    |

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| LTE Band 41 Receiver on(Left head) + BT + WiFi5G<br>Ant1/Ant2/MIMO |            |            |              | Conducted Power(dBm) |         |         |         |
|--------------------------------------------------------------------|------------|------------|--------------|----------------------|---------|---------|---------|
| Bandwidth                                                          | Modulation | RB<br>size | RB<br>offset | Channel              | Channel | Channel | Tune up |
|                                                                    |            |            |              | 40165                | 40690   | 41215   |         |
| 5MHz                                                               | QPSK       | 1          | 0            | 10.98                | 11.06   | 11.24   | 12.2    |
|                                                                    |            | 1          | 13           | 10.97                | 11.05   | 11.35   | 12.2    |
|                                                                    |            | 1          | 24           | 11                   | 11.04   | 11.36   | 12.2    |
|                                                                    |            | 12         | 0            | 11.01                | 11.07   | 11.3    | 12.2    |
|                                                                    |            | 12         | 6            | 10.84                | 10.96   | 11.17   | 12.2    |
|                                                                    |            | 12         | 13           | 10.97                | 11.15   | 11.38   | 12.2    |
|                                                                    |            | 25         | 0            | 11.05                | 11.03   | 11.38   | 12.2    |
|                                                                    | 16QAM      | 1          | 0            | 10.95                | 10.94   | 11.56   | 12.2    |
|                                                                    |            | 1          | 13           | 11.1                 | 11.11   | 11.57   | 12.2    |
|                                                                    |            | 1          | 24           | 11.12                | 11.24   | 11.59   | 12.2    |
|                                                                    |            | 12         | 0            | 10.98                | 11.03   | 11.28   | 12.2    |
|                                                                    |            | 12         | 6            | 11                   | 11.02   | 11.19   | 12.2    |
|                                                                    |            | 12         | 13           | 10.93                | 10.88   | 11.15   | 12.2    |
|                                                                    |            | 25         | 0            | 11.01                | 10.86   | 11.18   | 12.2    |
|                                                                    | 64QAM      | 1          | 0            | 11.28                | 11.22   | 11.41   | 12.2    |
|                                                                    |            | 1          | 13           | 10.32                | 10.77   | 10.92   | 12.2    |
|                                                                    |            | 1          | 24           | 11.1                 | 10.92   | 11.37   | 12.2    |
|                                                                    |            | 12         | 0            | 10.92                | 10.72   | 10.93   | 12.2    |
|                                                                    |            | 12         | 6            | 10.69                | 10.63   | 11      | 12.2    |
|                                                                    |            | 12         | 13           | 10.71                | 10.78   | 10.66   | 12.2    |
|                                                                    |            | 25         | 0            | 10.9                 | 10.81   | 11.24   | 12.2    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40190   | 40690   | 41190   |         |
| 10MHz     | QPSK       | 1       | 0         | 11.03   | 11.08   | 11.18   | 12.2    |
|           |            | 1       | 25        | 10.93   | 11.03   | 11.41   | 12.2    |
|           |            | 1       | 49        | 10.99   | 11.19   | 11.34   | 12.2    |
|           |            | 25      | 0         | 11.1    | 11.08   | 11.24   | 12.2    |
|           |            | 25      | 13        | 11.04   | 11.05   | 11.26   | 12.2    |
|           |            | 25      | 25        | 11.09   | 11.12   | 11.34   | 12.2    |
|           |            | 50      | 0         | 11.02   | 11.15   | 11.27   | 12.2    |
|           | 16QAM      | 1       | 0         | 11.35   | 11.27   | 11.42   | 12.2    |
|           |            | 1       | 25        | 11.44   | 11.14   | 11.32   | 12.2    |
|           |            | 1       | 49        | 11.37   | 11.16   | 11.56   | 12.2    |
|           |            | 25      | 0         | 10.9    | 10.97   | 11.13   | 12.2    |
|           |            | 25      | 13        | 10.99   | 11.08   | 11.16   | 12.2    |
|           |            | 25      | 25        | 10.99   | 11.05   | 11.18   | 12.2    |
|           |            | 50      | 0         | 10.95   | 10.94   | 11.21   | 12.2    |
|           | 64QAM      | 1       | 0         | 11.32   | 11.29   | 11.45   | 12.2    |
|           |            | 1       | 25        | 10.37   | 10.84   | 11.01   | 12.2    |
|           |            | 1       | 49        | 11.13   | 10.96   | 11.38   | 12.2    |
|           |            | 25      | 0         | 11.02   | 10.71   | 10.89   | 12.2    |
|           |            | 25      | 13        | 10.68   | 10.7    | 10.99   | 12.2    |
|           |            | 25      | 25        | 10.67   | 10.78   | 10.68   | 12.2    |
|           |            | 50      | 0         | 10.92   | 10.91   | 11.27   | 12.2    |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 40215   | 40690   | 41165   |         |
| 15MHz     | QPSK       | 1       | 0         | 10.99   | 11.05   | 11.26   | 12.2    |
|           |            | 1       | 38        | 10.96   | 11      | 11.3    | 12.2    |
|           |            | 1       | 74        | 11      | 11.16   | 11.37   | 12.2    |
|           |            | 36      | 0         | 11.17   | 11.06   | 11.28   | 12.2    |
|           |            | 36      | 18        | 11.07   | 11.07   | 11.23   | 12.2    |
|           |            | 36      | 39        | 11      | 11.15   | 11.39   | 12.2    |
|           |            | 75      | 0         | 11.07   | 11.08   | 11.3    | 12.2    |
|           | 16QAM      | 1       | 0         | 11.3    | 11.32   | 11.1    | 12.2    |
|           |            | 1       | 38        | 11.15   | 11.23   | 11.48   | 12.2    |
|           |            | 1       | 74        | 11.39   | 11.1    | 11.58   | 12.2    |
|           |            | 36      | 0         | 11.12   | 11.15   | 11.37   | 12.2    |
|           |            | 36      | 18        | 11.03   | 10.98   | 11.31   | 12.2    |
|           |            | 36      | 39        | 11.08   | 11.08   | 11.28   | 12.2    |
|           |            | 75      | 0         | 10.95   | 10.97   | 11.35   | 12.2    |
|           | 64QAM      | 1       | 0         | 11.32   | 11.23   | 11.4    | 12.2    |
|           |            | 1       | 38        | 10.26   | 10.7    | 10.96   | 12.2    |
|           |            | 1       | 74        | 11.19   | 10.86   | 11.41   | 12.2    |
|           |            | 36      | 0         | 11.02   | 10.66   | 10.89   | 12.2    |
|           |            | 36      | 18        | 10.79   | 10.63   | 11.01   | 12.2    |
|           |            | 36      | 39        | 10.61   | 10.9    | 10.71   | 12.2    |
|           |            | 75      | 0         | 11.03   | 10.95   | 11.23   | 12.2    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40240   | 40690   | 41140   |         |
| 20MHz     | QPSK       | 1       | 0         | 11.22   | 11.16   | 11.51   | 12.2    |
|           |            | 1       | 50        | 11.39   | 11.46   | 11.66   | 12.2    |
|           |            | 1       | 99        | 11.21   | 11.25   | 11.54   | 12.2    |
|           |            | 50      | 0         | 11.15   | 11.13   | 11.27   | 12.2    |
|           |            | 50      | 25        | 10.94   | 11.16   | 11.33   | 12.2    |
|           |            | 50      | 50        | 11.07   | 11.31   | 11.38   | 12.2    |
|           |            | 100     | 0         | 11.04   | 11.2    | 11.38   | 12.2    |
|           | 16QAM      | 1       | 0         | 11.43   | 11.54   | 11.73   | 12.2    |
|           |            | 1       | 50        | 11.38   | 10.99   | 11.07   | 12.2    |
|           |            | 1       | 99        | 11.6    | 11.51   | 11.94   | 12.2    |
|           |            | 50      | 0         | 10.94   | 11.03   | 11.18   | 12.2    |
|           |            | 50      | 25        | 11      | 10.94   | 11.27   | 12.2    |
|           |            | 50      | 50        | 10.97   | 11.15   | 11.35   | 12.2    |
|           |            | 100     | 0         | 10.97   | 11.11   | 11.29   | 12.2    |
|           | 64QAM      | 1       | 0         | 11.38   | 11.27   | 11.49   | 12.2    |
|           |            | 1       | 50        | 10.31   | 10.72   | 10.99   | 12.2    |
|           |            | 1       | 99        | 11.13   | 10.87   | 11.35   | 12.2    |
|           |            | 50      | 0         | 10.99   | 10.72   | 10.94   | 12.2    |
|           |            | 50      | 25        | 10.7    | 10.66   | 11.08   | 12.2    |
|           |            | 50      | 50        | 10.67   | 10.87   | 10.7    | 12.2    |
|           |            | 100     | 0         | 10.97   | 10.86   | 11.2    | 12.2    |

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|------------------------------------------------------------------|------------|---------|-----------|----------------------|---------------|---------------|---------|
| Bandwidth                                                        | Modulation | RB size | RB offset | Channel 40165        | Channel 40690 | Channel 41215 | Tune up |
| 5MHz                                                             | QPSK       | 1       | 0         | 10.43                | 10.6          | 10.81         | 11.7    |
|                                                                  |            | 1       | 13        | 10.43                | 10.63         | 10.79         | 11.7    |
|                                                                  |            | 1       | 24        | 10.43                | 10.62         | 10.79         | 11.7    |
|                                                                  |            | 12      | 0         | 10.51                | 10.57         | 10.9          | 11.7    |
|                                                                  |            | 12      | 6         | 10.46                | 10.45         | 10.6          | 11.7    |
|                                                                  |            | 12      | 13        | 10.46                | 10.53         | 10.84         | 11.7    |
|                                                                  |            | 25      | 0         | 10.4                 | 10.53         | 10.71         | 11.7    |
|                                                                  | 16QAM      | 1       | 0         | 10.55                | 10.61         | 10.85         | 11.7    |
|                                                                  |            | 1       | 13        | 10.59                | 10.64         | 10.86         | 11.7    |
|                                                                  |            | 1       | 24        | 10.76                | 10.65         | 10.75         | 11.7    |
|                                                                  |            | 12      | 0         | 10.42                | 10.47         | 10.85         | 11.7    |
|                                                                  |            | 12      | 6         | 10.49                | 10.47         | 10.65         | 11.7    |
|                                                                  |            | 12      | 13        | 10.42                | 10.47         | 10.71         | 11.7    |
|                                                                  |            | 25      | 0         | 10.42                | 10.4          | 10.77         | 11.7    |
|                                                                  | 64QAM      | 1       | 0         | 10.77                | 10.66         | 10.85         | 11.7    |
|                                                                  |            | 1       | 13        | 9.75                 | 10.19         | 10.33         | 11.7    |
|                                                                  |            | 1       | 24        | 10.57                | 10.41         | 10.8          | 11.7    |
|                                                                  |            | 12      | 0         | 10.33                | 10.2          | 10.33         | 11.7    |
|                                                                  |            | 12      | 6         | 10.16                | 10.1          | 10.44         | 11.7    |
|                                                                  |            | 12      | 13        | 10.18                | 10.22         | 10.1          | 11.7    |
|                                                                  |            | 25      | 0         | 10.33                | 10.26         | 10.7          | 11.7    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40190   | 40690   | 41190   |         |
| 10MHz     | QPSK       | 1       | 0         | 10.5    | 10.55   | 10.7    | 11.7    |
|           |            | 1       | 25        | 10.29   | 10.71   | 10.87   | 11.7    |
|           |            | 1       | 49        | 10.46   | 10.64   | 10.76   | 11.7    |
|           |            | 25      | 0         | 10.57   | 10.56   | 10.7    | 11.7    |
|           |            | 25      | 13        | 10.51   | 10.53   | 10.73   | 11.7    |
|           |            | 25      | 25        | 10.57   | 10.6    | 10.77   | 11.7    |
|           |            | 50      | 0         | 10.5    | 10.5    | 10.72   | 11.7    |
|           | 16QAM      | 1       | 0         | 10.87   | 10.58   | 10.37   | 11.7    |
|           |            | 1       | 25        | 10.41   | 9.31    | 10.55   | 11.7    |
|           |            | 1       | 49        | 10.89   | 10.33   | 10.95   | 11.7    |
|           |            | 25      | 0         | 10.39   | 10.44   | 10.57   | 11.7    |
|           |            | 25      | 13        | 10.4    | 10.47   | 10.69   | 11.7    |
|           |            | 25      | 25        | 10.36   | 10.54   | 10.68   | 11.7    |
|           |            | 50      | 0         | 10.56   | 10.5    | 10.63   | 11.7    |
|           | 64QAM      | 1       | 0         | 10.76   | 10.63   | 10.87   | 11.7    |
|           |            | 1       | 25        | 9.81    | 10.21   | 10.42   | 11.7    |
|           |            | 1       | 49        | 10.54   | 10.36   | 10.77   | 11.7    |
|           |            | 25      | 0         | 10.4    | 10.14   | 10.37   | 11.7    |
|           |            | 25      | 13        | 10.15   | 10.07   | 10.48   | 11.7    |
|           |            | 25      | 25        | 10.21   | 10.2    | 10.15   | 11.7    |
|           |            | 50      | 0         | 10.39   | 10.23   | 10.67   | 11.7    |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 40215   | 40690   | 41165   |         |
| 15MHz     | QPSK       | 1       | 0         | 10.61   | 10.51   | 10.76   | 11.7    |
|           |            | 1       | 38        | 10.4    | 10.49   | 10.74   | 11.7    |
|           |            | 1       | 74        | 10.47   | 10.63   | 10.82   | 11.7    |
|           |            | 36      | 0         | 10.64   | 10.65   | 10.86   | 11.7    |
|           |            | 36      | 18        | 10.52   | 10.54   | 10.81   | 11.7    |
|           |            | 36      | 39        | 10.46   | 10.62   | 10.85   | 11.7    |
|           |            | 75      | 0         | 10.53   | 10.55   | 10.75   | 11.7    |
|           | 16QAM      | 1       | 0         | 10.74   | 10.57   | 11.03   | 11.7    |
|           |            | 1       | 38        | 10.71   | 10.72   | 11      | 11.7    |
|           |            | 1       | 74        | 10.77   | 10.51   | 11.14   | 11.7    |
|           |            | 36      | 0         | 10.6    | 10.5    | 10.84   | 11.7    |
|           |            | 36      | 18        | 10.37   | 10.45   | 10.67   | 11.7    |
|           |            | 36      | 39        | 10.5    | 10.51   | 10.76   | 11.7    |
|           |            | 75      | 0         | 10.4    | 10.46   | 10.77   | 11.7    |
|           | 64QAM      | 1       | 0         | 10.75   | 10.65   | 10.84   | 11.7    |
|           |            | 1       | 38        | 9.73    | 10.23   | 10.38   | 11.7    |
|           |            | 1       | 74        | 10.56   | 10.4    | 10.78   | 11.7    |
|           |            | 36      | 0         | 10.33   | 10.16   | 10.36   | 11.7    |
|           |            | 36      | 18        | 10.09   | 10.08   | 10.46   | 11.7    |
|           |            | 36      | 39        | 10.12   | 10.21   | 10.09   | 11.7    |
|           |            | 75      | 0         | 10.32   | 10.25   | 10.65   | 11.7    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40240   | 40690   | 41140   |         |
| 20MHz     | QPSK       | 1       | 0         | 10.69   | 10.8    | 11.04   | 11.7    |
|           |            | 1       | 50        | 10.93   | 11.1    | 11.04   | 11.7    |
|           |            | 1       | 99        | 10.75   | 10.77   | 10.92   | 11.7    |
|           |            | 50      | 0         | 10.66   | 10.62   | 10.87   | 11.7    |
|           |            | 50      | 25        | 10.44   | 10.55   | 10.8    | 11.7    |
|           |            | 50      | 50        | 10.58   | 10.69   | 10.84   | 11.7    |
|           |            | 100     | 0         | 10.55   | 10.59   | 10.85   | 11.7    |
|           | 16QAM      | 1       | 0         | 10.51   | 11      | 11      | 11.7    |
|           |            | 1       | 50        | 10.99   | 10.98   | 11.57   | 11.7    |
|           |            | 1       | 99        | 10.72   | 11.13   | 11.16   | 11.7    |
|           |            | 50      | 0         | 10.58   | 10.5    | 10.69   | 11.7    |
|           |            | 50      | 25        | 10.47   | 10.49   | 10.75   | 11.7    |
|           |            | 50      | 50        | 10.5    | 10.73   | 10.79   | 11.7    |
|           |            | 100     | 0         | 10.43   | 10.48   | 10.76   | 11.7    |
|           | 64QAM      | 1       | 0         | 10.73   | 10.63   | 10.84   | 11.7    |
|           |            | 1       | 50        | 10.12   | 10.23   | 10.34   | 11.7    |
|           |            | 1       | 99        | 10.52   | 10.34   | 10.83   | 11.7    |
|           |            | 50      | 0         | 10.35   | 10.15   | 10.37   | 11.7    |
|           |            | 50      | 25        | 10.16   | 10.09   | 10.48   | 11.7    |
|           |            | 50      | 50        | 10.18   | 10.25   | 10.09   | 11.7    |
|           |            | 100     | 0         | 10.36   | 10.3    | 10.68   | 11.7    |

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|----------------------------------------------------------------------------|------------|------------|--------------|----------------------|---------|---------|---------|
| Bandwidth                                                                  | Modulation | RB<br>size | RB<br>offset | Channel              | Channel | Channel | Tune up |
|                                                                            |            |            |              | 40165                | 40690   | 41215   |         |
| 5MHz                                                                       | QPSK       | 1          | 0            | 13.6                 | 13.55   | 13.78   | 14.7    |
|                                                                            |            | 1          | 13           | 13.57                | 13.66   | 13.77   | 14.7    |
|                                                                            |            | 1          | 24           | 13.45                | 13.63   | 13.78   | 14.7    |
|                                                                            |            | 12         | 0            | 13.52                | 13.6    | 13.84   | 14.7    |
|                                                                            |            | 12         | 6            | 13.1                 | 13.48   | 13.72   | 14.7    |
|                                                                            |            | 12         | 13           | 13.61                | 13.67   | 13.8    | 14.7    |
|                                                                            |            | 25         | 0            | 13.58                | 13.55   | 13.79   | 14.7    |
|                                                                            | 16QAM      | 1          | 0            | 13.65                | 13.5    | 13.86   | 14.7    |
|                                                                            |            | 1          | 13           | 13.29                | 13.55   | 13.99   | 14.7    |
|                                                                            |            | 1          | 24           | 13.2                 | 13.69   | 14.2    | 14.7    |
|                                                                            |            | 12         | 0            | 13.49                | 13.57   | 13.78   | 14.7    |
|                                                                            |            | 12         | 6            | 13.55                | 13.66   | 13.69   | 14.7    |
|                                                                            |            | 12         | 13           | 13.44                | 13.61   | 13.65   | 14.7    |
|                                                                            |            | 25         | 0            | 13.47                | 13.46   | 13.75   | 14.7    |
|                                                                            | 64QAM      | 1          | 0            | 13.43                | 13.33   | 13.54   | 14.7    |
|                                                                            |            | 1          | 13           | 12.83                | 12.98   | 13.04   | 14.7    |
|                                                                            |            | 1          | 24           | 13.19                | 13.02   | 13.55   | 14.7    |
|                                                                            |            | 12         | 0            | 13.11                | 12.9    | 13.15   | 14.7    |
|                                                                            |            | 12         | 6            | 12.86                | 12.78   | 13.16   | 14.7    |
|                                                                            |            | 12         | 13           | 12.96                | 13.01   | 12.87   | 14.7    |
|                                                                            |            | 25         | 0            | 13.15                | 13.05   | 13.35   | 14.7    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40190   | 40690   | 41190   |         |
| 10MHz     | QPSK       | 1       | 0         | 13.65   | 13.59   | 13.73   | 14.7    |
|           |            | 1       | 25        | 13.49   | 13.47   | 13.88   | 14.7    |
|           |            | 1       | 49        | 13.62   | 13.59   | 13.77   | 14.7    |
|           |            | 25      | 0         | 13.56   | 13.57   | 13.79   | 14.7    |
|           |            | 25      | 13        | 13.49   | 13.42   | 13.81   | 14.7    |
|           |            | 25      | 25        | 13.55   | 13.59   | 13.8    | 14.7    |
|           |            | 50      | 0         | 13.61   | 13.63   | 13.86   | 14.7    |
|           | 16QAM      | 1       | 0         | 13.71   | 13.83   | 13.93   | 14.7    |
|           |            | 1       | 25        | 13.99   | 13.85   | 14.04   | 14.7    |
|           |            | 1       | 49        | 13.67   | 13.74   | 14.15   | 14.7    |
|           |            | 25      | 0         | 13.43   | 13.51   | 13.69   | 14.7    |
|           |            | 25      | 13        | 13.5    | 13.51   | 13.74   | 14.7    |
|           |            | 25      | 25        | 13.55   | 13.46   | 13.81   | 14.7    |
|           |            | 50      | 0         | 13.58   | 13.52   | 13.7    | 14.7    |
|           | 64QAM      | 1       | 0         | 13.43   | 13.42   | 13.53   | 14.7    |
|           |            | 1       | 25        | 12.83   | 13.01   | 13.03   | 14.7    |
|           |            | 1       | 49        | 13.24   | 13.04   | 13.53   | 14.7    |
|           |            | 25      | 0         | 13.06   | 12.87   | 13.07   | 14.7    |
|           |            | 25      | 13        | 12.88   | 12.85   | 13.17   | 14.7    |
|           |            | 25      | 25        | 12.86   | 12.96   | 12.85   | 14.7    |
|           |            | 50      | 0         | 13.08   | 13.08   | 13.43   | 14.7    |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 40215   | 40690   | 41165   |         |
| 15MHz     | QPSK       | 1       | 0         | 13.76   | 13.72   | 13.72   | 14.7    |
|           |            | 1       | 38        | 13.57   | 13.55   | 13.61   | 14.7    |
|           |            | 1       | 74        | 13.48   | 13.6    | 13.73   | 14.7    |
|           |            | 36      | 0         | 13.65   | 13.57   | 13.86   | 14.7    |
|           |            | 36      | 18        | 13.53   | 13.59   | 13.78   | 14.7    |
|           |            | 36      | 39        | 13.63   | 13.64   | 13.98   | 14.7    |
|           |            | 75      | 0         | 13.56   | 13.58   | 13.84   | 14.7    |
|           | 16QAM      | 1       | 0         | 13.82   | 13.84   | 13.82   | 14.7    |
|           |            | 1       | 38        | 13.79   | 13.63   | 13.92   | 14.7    |
|           |            | 1       | 74        | 13.59   | 13.85   | 13.91   | 14.7    |
|           |            | 36      | 0         | 13.71   | 13.6    | 13.67   | 14.7    |
|           |            | 36      | 18        | 13.51   | 13.48   | 13.62   | 14.7    |
|           |            | 36      | 39        | 13.4    | 13.75   | 13.89   | 14.7    |
|           |            | 75      | 0         | 13.52   | 13.49   | 13.74   | 14.7    |
|           | 64QAM      | 1       | 0         | 13.46   | 13.4    | 13.64   | 14.7    |
|           |            | 1       | 38        | 12.82   | 12.91   | 13.07   | 14.7    |
|           |            | 1       | 74        | 13.31   | 13.04   | 13.51   | 14.7    |
|           |            | 36      | 0         | 13.02   | 12.91   | 13.06   | 14.7    |
|           |            | 36      | 18        | 12.9    | 12.83   | 13.19   | 14.7    |
|           |            | 36      | 39        | 12.92   | 12.92   | 12.87   | 14.7    |
|           |            | 75      | 0         | 13.14   | 13.02   | 13.48   | 14.7    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40240   | 40690   | 41140   |         |
| 20MHz     | QPSK       | 1       | 0         | 13.82   | 13.73   | 13.98   | 14.7    |
|           |            | 1       | 50        | 13.88   | 14.11   | 14.24   | 14.7    |
|           |            | 1       | 99        | 13.72   | 13.87   | 14.13   | 14.7    |
|           |            | 50      | 0         | 13.65   | 13.64   | 13.86   | 14.7    |
|           |            | 50      | 25        | 13.58   | 13.55   | 13.86   | 14.7    |
|           |            | 50      | 50        | 13.59   | 13.66   | 13.85   | 14.7    |
|           |            | 100     | 0         | 13.54   | 13.7    | 13.85   | 14.7    |
|           | 16QAM      | 1       | 0         | 13.84   | 14.27   | 14.45   | 14.7    |
|           |            | 1       | 50        | 14.22   | 13.76   | 13.72   | 14.7    |
|           |            | 1       | 99        | 13.93   | 14.08   | 14.29   | 14.7    |
|           |            | 50      | 0         | 13.64   | 13.6    | 13.82   | 14.7    |
|           |            | 50      | 25        | 13.42   | 13.48   | 13.8    | 14.7    |
|           |            | 50      | 50        | 13.56   | 13.59   | 13.79   | 14.7    |
|           |            | 100     | 0         | 13.55   | 13.67   | 13.81   | 14.7    |
|           | 64QAM      | 1       | 0         | 13.51   | 13.34   | 13.58   | 14.7    |
|           |            | 1       | 50        | 12.86   | 13      | 13.12   | 14.7    |
|           |            | 1       | 99        | 13.3    | 13.08   | 13.58   | 14.7    |
|           |            | 50      | 0         | 13.12   | 12.93   | 13.08   | 14.7    |
|           |            | 50      | 25        | 12.92   | 12.81   | 13.19   | 14.7    |
|           |            | 50      | 50        | 12.95   | 13.01   | 12.85   | 14.7    |
|           |            | 100     | 0         | 13.1    | 13.04   | 13.38   | 14.7    |

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|---------------------------------------------------------------------|------------|------------|--------------|----------------------|------------------|------------------|---------|
| Bandwidth                                                           | Modulation | RB<br>size | RB<br>offset | Channel<br>40165     | Channel<br>40690 | Channel<br>41215 | Tune up |
| 5MHz                                                                | QPSK       | 1          | 0            | 13.05                | 13.05            | 13.48            | 14.5    |
|                                                                     |            | 1          | 13           | 13.07                | 13.07            | 13.47            | 14.5    |
|                                                                     |            | 1          | 24           | 13.12                | 13.18            | 13.45            | 14.5    |
|                                                                     |            | 12         | 0            | 13.05                | 13.17            | 13.37            | 14.5    |
|                                                                     |            | 12         | 6            | 13.13                | 13.15            | 13.39            | 14.5    |
|                                                                     |            | 12         | 13           | 13.11                | 13.12            | 13.45            | 14.5    |
|                                                                     |            | 25         | 0            | 13.08                | 13.12            | 13.32            | 14.5    |
|                                                                     | 16QAM      | 1          | 0            | 13.19                | 13.43            | 13.27            | 14.5    |
|                                                                     |            | 1          | 13           | 13.1                 | 13.18            | 13.25            | 14.5    |
|                                                                     |            | 1          | 24           | 13.23                | 13.24            | 13.35            | 14.5    |
|                                                                     |            | 12         | 0            | 13.04                | 13.02            | 13.38            | 14.5    |
|                                                                     |            | 12         | 6            | 12.53                | 12.98            | 13.09            | 14.5    |
|                                                                     |            | 12         | 13           | 13.05                | 13.14            | 13.34            | 14.5    |
|                                                                     |            | 25         | 0            | 12.84                | 13.08            | 13.33            | 14.5    |
|                                                                     | 64QAM      | 1          | 0            | 13.44                | 13.48            | 13.64            | 14.5    |
|                                                                     |            | 1          | 13           | 12.54                | 12.97            | 13.24            | 14.5    |
|                                                                     |            | 1          | 24           | 13.31                | 13.03            | 13.61            | 14.5    |
|                                                                     |            | 12         | 0            | 13.21                | 12.99            | 13.15            | 14.5    |
|                                                                     |            | 12         | 6            | 13.03                | 12.67            | 13.21            | 14.5    |
|                                                                     |            | 12         | 13           | 12.83                | 13.12            | 12.98            | 14.5    |
|                                                                     |            | 25         | 0            | 13.28                | 12.75            | 13.36            | 14.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40190   | 40690   | 41190   |         |
| 10MHz     | QPSK       | 1       | 0         | 13.1    | 13.08   | 13.29   | 14.5    |
|           |            | 1       | 25        | 13.36   | 13.34   | 13.66   | 14.5    |
|           |            | 1       | 49        | 13.09   | 13.18   | 13.41   | 14.5    |
|           |            | 25      | 0         | 13.01   | 13.05   | 13.3    | 14.5    |
|           |            | 25      | 13        | 13.08   | 13.13   | 13.33   | 14.5    |
|           |            | 25      | 25        | 13.16   | 13.2    | 13.26   | 14.5    |
|           |            | 50      | 0         | 13.05   | 13.1    | 13.33   | 14.5    |
|           | 16QAM      | 1       | 0         | 13.31   | 13.44   | 13.36   | 14.5    |
|           |            | 1       | 25        | 13.16   | 13.23   | 13.31   | 14.5    |
|           |            | 1       | 49        | 13.39   | 13.37   | 13.26   | 14.5    |
|           |            | 25      | 0         | 12.87   | 13.15   | 13.47   | 14.5    |
|           |            | 25      | 13        | 13.07   | 13.04   | 13.26   | 14.5    |
|           |            | 25      | 25        | 12.9    | 13.02   | 13.26   | 14.5    |
|           |            | 50      | 0         | 12.98   | 13.04   | 13.27   | 14.5    |
|           | 64QAM      | 1       | 0         | 13.42   | 13.44   | 13.61   | 14.5    |
|           |            | 1       | 25        | 12.53   | 12.92   | 13.15   | 14.5    |
|           |            | 1       | 49        | 13.31   | 13.06   | 13.52   | 14.5    |
|           |            | 25      | 0         | 13.24   | 12.95   | 13.07   | 14.5    |
|           |            | 25      | 13        | 12.99   | 12.76   | 13.21   | 14.5    |
|           |            | 25      | 25        | 12.86   | 13.12   | 13      | 14.5    |
|           |            | 50      | 0         | 13.27   | 12.77   | 13.38   | 14.5    |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 40215   | 40690   | 41165   |         |
| 15MHz     | QPSK       | 1       | 0         | 13.09   | 13.07   | 13.33   | 14.5    |
|           |            | 1       | 38        | 13.06   | 13.04   | 13.15   | 14.5    |
|           |            | 1       | 74        | 13.08   | 13.16   | 13.44   | 14.5    |
|           |            | 36      | 0         | 13.15   | 13.23   | 13.31   | 14.5    |
|           |            | 36      | 18        | 13.14   | 13.11   | 13.4    | 14.5    |
|           |            | 36      | 39        | 13.14   | 13.17   | 13.43   | 14.5    |
|           |            | 75      | 0         | 13.16   | 13.12   | 13.34   | 14.5    |
|           | 16QAM      | 1       | 0         | 13.09   | 13.37   | 13.8    | 14.5    |
|           |            | 1       | 38        | 13.38   | 13.44   | 13.49   | 14.5    |
|           |            | 1       | 74        | 13.38   | 13.18   | 13.26   | 14.5    |
|           |            | 36      | 0         | 13.01   | 13.04   | 13.19   | 14.5    |
|           |            | 36      | 18        | 12.94   | 13.07   | 13.19   | 14.5    |
|           |            | 36      | 39        | 13.09   | 13.13   | 13.26   | 14.5    |
|           |            | 75      | 0         | 12.94   | 13.06   | 13.14   | 14.5    |
|           | 64QAM      | 1       | 0         | 13.42   | 13.48   | 13.69   | 14.5    |
|           |            | 1       | 38        | 12.51   | 12.98   | 13.23   | 14.5    |
|           |            | 1       | 74        | 13.33   | 13.02   | 13.53   | 14.5    |
|           |            | 36      | 0         | 13.23   | 12.95   | 13.07   | 14.5    |
|           |            | 36      | 18        | 13.04   | 12.69   | 13.24   | 14.5    |
|           |            | 36      | 39        | 12.88   | 13.11   | 13.06   | 14.5    |
|           |            | 75      | 0         | 13.3    | 12.75   | 13.36   | 14.5    |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40240   | 40690   | 41140   |         |
| 20MHz     | QPSK       | 1       | 0         | 13.26   | 13.32   | 13.49   | 14.5    |
|           |            | 1       | 50        | 13.63   | 13.62   | 13.72   | 14.5    |
|           |            | 1       | 99        | 13.37   | 13.5    | 13.51   | 14.5    |
|           |            | 50      | 0         | 13.16   | 13.18   | 13.31   | 14.5    |
|           |            | 50      | 25        | 13.04   | 13.08   | 13.24   | 14.5    |
|           |            | 50      | 50        | 13.12   | 13.22   | 13.42   | 14.5    |
|           |            | 100     | 0         | 13.04   | 13.13   | 13.43   | 14.5    |
|           | 16QAM      | 1       | 0         | 13.65   | 13.52   | 13.63   | 14.5    |
|           |            | 1       | 50        | 13.63   | 13.73   | 13.93   | 14.5    |
|           |            | 1       | 99        | 13.23   | 13.78   | 14.07   | 14.5    |
|           |            | 50      | 0         | 13.09   | 13.09   | 13.23   | 14.5    |
|           |            | 50      | 25        | 12.96   | 13.02   | 13.19   | 14.5    |
|           |            | 50      | 50        | 12.97   | 13.09   | 13.41   | 14.5    |
|           |            | 100     | 0         | 13      | 13.09   | 13.39   | 14.5    |
|           | 64QAM      | 1       | 0         | 13.44   | 13.44   | 13.67   | 14.5    |
|           |            | 1       | 50        | 12.56   | 12.98   | 13.16   | 14.5    |
|           |            | 1       | 99        | 13.31   | 13.1    | 13.56   | 14.5    |
|           |            | 50      | 0         | 13.24   | 12.91   | 13.14   | 14.5    |
|           |            | 50      | 25        | 12.96   | 12.73   | 13.23   | 14.5    |
|           |            | 50      | 50        | 12.89   | 13.05   | 12.98   | 14.5    |
|           |            | 100     | 0         | 13.25   | 12.73   | 13.36   | 14.5    |

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| LTE Band 41 Receiver on(Right head) + WiFi2.4G<br>Ant1 + WiFi5G Ant2 |            |            |              | Conducted Power(dBm) |                  |                  |         |
|----------------------------------------------------------------------|------------|------------|--------------|----------------------|------------------|------------------|---------|
| Bandwidth                                                            | Modulation | RB<br>size | RB<br>offset | Channel<br>40165     | Channel<br>40690 | Channel<br>41215 | Tune up |
| 5MHz                                                                 | QPSK       | 1          | 0            | 12.54                | 12.52            | 12.78            | 14      |
|                                                                      |            | 1          | 13           | 12.51                | 12.54            | 12.87            | 14      |
|                                                                      |            | 1          | 24           | 12.51                | 12.49            | 12.85            | 14      |
|                                                                      |            | 12         | 0            | 12.55                | 12.67            | 12.89            | 14      |
|                                                                      |            | 12         | 6            | 12.5                 | 12.59            | 12.73            | 14      |
|                                                                      |            | 12         | 13           | 12.64                | 12.63            | 12.83            | 14      |
|                                                                      |            | 25         | 0            | 12.45                | 12.63            | 12.86            | 14      |
|                                                                      | 16QAM      | 1          | 0            | 12.45                | 12.73            | 12.99            | 14      |
|                                                                      |            | 1          | 13           | 12.49                | 12.63            | 13               | 14      |
|                                                                      |            | 1          | 24           | 12.5                 | 12.63            | 12.78            | 14      |
|                                                                      |            | 12         | 0            | 12.47                | 12.57            | 12.81            | 14      |
|                                                                      |            | 12         | 6            | 12.28                | 12.64            | 12.85            | 14      |
|                                                                      |            | 12         | 13           | 12.47                | 12.5             | 12.86            | 14      |
|                                                                      |            | 25         | 0            | 12.55                | 12.56            | 12.77            | 14      |
|                                                                      | 64QAM      | 1          | 0            | 12.84                | 12.84            | 13.1             | 14      |
|                                                                      |            | 1          | 13           | 12.05                | 12.45            | 12.64            | 14      |
|                                                                      |            | 1          | 24           | 12.73                | 12.56            | 13.01            | 14      |
|                                                                      |            | 12         | 0            | 12.66                | 12.37            | 12.62            | 14      |
|                                                                      |            | 12         | 6            | 12.43                | 12.13            | 12.69            | 14      |
|                                                                      |            | 12         | 13           | 12.31                | 12.48            | 12.38            | 14      |
|                                                                      |            | 25         | 0            | 12.7                 | 12.14            | 12.82            | 14      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40190   | 40690   | 41190   |         |
| 10MHz     | QPSK       | 1       | 0         | 12.5    | 12.54   | 12.93   | 14      |
|           |            | 1       | 25        | 12.9    | 12.4    | 12.73   | 14      |
|           |            | 1       | 49        | 12.53   | 12.63   | 12.96   | 14      |
|           |            | 25      | 0         | 12.54   | 12.61   | 12.87   | 14      |
|           |            | 25      | 13        | 12.62   | 12.57   | 12.78   | 14      |
|           |            | 25      | 25        | 12.53   | 12.62   | 12.82   | 14      |
|           |            | 50      | 0         | 12.59   | 12.67   | 12.78   | 14      |
|           | 16QAM      | 1       | 0         | 12.86   | 12.99   | 13.21   | 14      |
|           |            | 1       | 25        | 12.01   | 13.99   | 14.03   | 14      |
|           |            | 1       | 49        | 13.04   | 12.9    | 13      | 14      |
|           |            | 25      | 0         | 12.45   | 12.53   | 12.73   | 14      |
|           |            | 25      | 13        | 12.45   | 12.55   | 12.74   | 14      |
|           |            | 25      | 25        | 12.49   | 12.58   | 12.75   | 14      |
|           |            | 50      | 0         | 12.52   | 12.57   | 12.69   | 14      |
|           | 64QAM      | 1       | 0         | 12.94   | 12.89   | 13.1    | 14      |
|           |            | 1       | 25        | 11.97   | 12.42   | 12.63   | 14      |
|           |            | 1       | 49        | 12.74   | 12.53   | 13.03   | 14      |
|           |            | 25      | 0         | 12.71   | 12.3    | 12.56   | 14      |
|           |            | 25      | 13        | 12.36   | 12.18   | 12.65   | 14      |
|           |            | 25      | 25        | 12.38   | 12.51   | 12.42   | 14      |
|           |            | 50      | 0         | 12.69   | 12.14   | 12.85   | 14      |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 40215   | 40690   | 41165   |         |
| 15MHz     | QPSK       | 1       | 0         | 12.61   | 12.59   | 12.84   | 14      |
|           |            | 1       | 38        | 12.57   | 12.58   | 12.71   | 14      |
|           |            | 1       | 74        | 12.62   | 12.71   | 12.83   | 14      |
|           |            | 36      | 0         | 12.66   | 12.63   | 12.87   | 14      |
|           |            | 36      | 18        | 12.56   | 12.64   | 12.89   | 14      |
|           |            | 36      | 39        | 12.62   | 12.71   | 12.9    | 14      |
|           |            | 75      | 0         | 12.56   | 12.65   | 12.76   | 14      |
|           | 16QAM      | 1       | 0         | 12.49   | 13.03   | 13.15   | 14      |
|           |            | 1       | 38        | 12.38   | 12.92   | 12.77   | 14      |
|           |            | 1       | 74        | 12.72   | 13.02   | 12.82   | 14      |
|           |            | 36      | 0         | 12.6    | 12.55   | 12.81   | 14      |
|           |            | 36      | 18        | 12.5    | 12.57   | 12.75   | 14      |
|           |            | 36      | 39        | 12.57   | 12.6    | 12.86   | 14      |
|           |            | 75      | 0         | 12.47   | 12.57   | 12.68   | 14      |
|           | 64QAM      | 1       | 0         | 12.87   | 12.89   | 13.08   | 14      |
|           |            | 1       | 38        | 11.95   | 12.48   | 12.64   | 14      |
|           |            | 1       | 74        | 12.74   | 12.52   | 12.98   | 14      |
|           |            | 36      | 0         | 12.64   | 12.38   | 12.56   | 14      |
|           |            | 36      | 18        | 12.45   | 12.12   | 12.73   | 14      |
|           |            | 36      | 39        | 12.38   | 12.54   | 12.45   | 14      |
|           |            | 75      | 0         | 12.74   | 12.18   | 12.85   | 14      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40240   | 40690   | 41140   |         |
| 20MHz     | QPSK       | 1       | 0         | 12.82   | 12.81   | 13.11   | 14      |
|           |            | 1       | 50        | 13.08   | 13.34   | 13.09   | 14      |
|           |            | 1       | 99        | 12.85   | 12.93   | 13.05   | 14      |
|           |            | 50      | 0         | 12.69   | 12.71   | 12.87   | 14      |
|           |            | 50      | 25        | 12.61   | 12.64   | 12.88   | 14      |
|           |            | 50      | 50        | 12.62   | 12.77   | 12.92   | 14      |
|           |            | 100     | 0         | 12.58   | 12.68   | 12.87   | 14      |
|           | 16QAM      | 1       | 0         | 13.07   | 12.93   | 13.31   | 14      |
|           |            | 1       | 50        | 12.42   | 12.81   | 13.49   | 14      |
|           |            | 1       | 99        | 12.79   | 12.95   | 13.33   | 14      |
|           |            | 50      | 0         | 12.61   | 12.63   | 12.8    | 14      |
|           |            | 50      | 25        | 12.49   | 12.53   | 12.73   | 14      |
|           |            | 50      | 50        | 12.51   | 12.69   | 12.82   | 14      |
|           |            | 100     | 0         | 12.49   | 12.57   | 12.8    | 14      |
|           | 64QAM      | 1       | 0         | 12.94   | 12.93   | 13.09   | 14      |
|           |            | 1       | 50        | 11.95   | 12.42   | 12.63   | 14      |
|           |            | 1       | 99        | 12.77   | 12.49   | 12.99   | 14      |
|           |            | 50      | 0         | 12.66   | 12.31   | 12.54   | 14      |
|           |            | 50      | 25        | 12.37   | 12.21   | 12.67   | 14      |
|           |            | 50      | 50        | 12.3    | 12.44   | 12.38   | 14      |
|           |            | 100     | 0         | 12.65   | 12.21   | 12.82   | 14      |

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| LTE Band 41 Receiver off ( body or limbs ) +<br>WiFi2.4G Ant1 + WiFi5G Ant2 |            |            |              | Conducted Power(dBm) |         |         |         |
|-----------------------------------------------------------------------------|------------|------------|--------------|----------------------|---------|---------|---------|
| Bandwidth                                                                   | Modulation | RB<br>size | RB<br>offset | Channel              | Channel | Channel | Tune up |
|                                                                             |            |            |              | 40165                | 40690   | 41215   |         |
| 5MHz                                                                        | QPSK       | 1          | 0            | 15.63                | 15.58   | 15.69   | 17      |
|                                                                             |            | 1          | 13           | 15.69                | 15.73   | 15.88   | 17      |
|                                                                             |            | 1          | 24           | 15.56                | 15.62   | 15.94   | 17      |
|                                                                             |            | 12         | 0            | 15.66                | 15.62   | 15.88   | 17      |
|                                                                             |            | 12         | 6            | 15.52                | 15.51   | 15.65   | 17      |
|                                                                             |            | 12         | 13           | 15.6                 | 15.6    | 15.88   | 17      |
|                                                                             |            | 25         | 0            | 15.55                | 15.59   | 15.9    | 17      |
|                                                                             | 16QAM      | 1          | 0            | 15.82                | 15.9    | 16.05   | 17      |
|                                                                             |            | 1          | 13           | 15.48                | 15.94   | 15.89   | 17      |
|                                                                             |            | 1          | 24           | 15.5                 | 15.94   | 16.1    | 17      |
|                                                                             |            | 12         | 0            | 15.5                 | 15.43   | 15.69   | 17      |
|                                                                             |            | 12         | 6            | 15.59                | 15.31   | 15.6    | 17      |
|                                                                             |            | 12         | 13           | 15.49                | 15.53   | 15.73   | 17      |
|                                                                             |            | 25         | 0            | 15.54                | 15.5    | 15.89   | 17      |
|                                                                             | 64QAM      | 1          | 0            | 15.91                | 15.83   | 16      | 17      |
|                                                                             |            | 1          | 13           | 14.89                | 15.35   | 15.55   | 17      |
|                                                                             |            | 1          | 24           | 15.71                | 15.47   | 15.93   | 17      |
|                                                                             |            | 12         | 0            | 15.55                | 15.23   | 15.45   | 17      |
|                                                                             |            | 12         | 6            | 15.32                | 15.21   | 15.61   | 17      |
|                                                                             |            | 12         | 13           | 15.26                | 15.43   | 15.27   | 17      |
|                                                                             |            | 25         | 0            | 15.54                | 15.42   | 15.79   | 17      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40190   | 40690   | 41190   |         |
| 10MHz     | QPSK       | 1       | 0         | 15.57   | 15.53   | 15.86   | 17      |
|           |            | 1       | 25        | 15.4    | 15.47   | 15.42   | 17      |
|           |            | 1       | 49        | 15.54   | 15.69   | 15.79   | 17      |
|           |            | 25      | 0         | 15.53   | 15.66   | 15.8    | 17      |
|           |            | 25      | 13        | 15.62   | 15.57   | 15.72   | 17      |
|           |            | 25      | 25        | 15.53   | 15.62   | 15.78   | 17      |
|           |            | 50      | 0         | 15.46   | 15.56   | 15.83   | 17      |
|           | 16QAM      | 1       | 0         | 15.74   | 15.93   | 15.97   | 17      |
|           |            | 1       | 25        | 16.35   | 15.63   | 16.7    | 17      |
|           |            | 1       | 49        | 15.67   | 16.01   | 15.95   | 17      |
|           |            | 25      | 0         | 15.56   | 15.44   | 15.75   | 17      |
|           |            | 25      | 13        | 15.46   | 15.43   | 15.78   | 17      |
|           |            | 25      | 25        | 15.47   | 15.6    | 15.73   | 17      |
|           |            | 50      | 0         | 15.47   | 15.42   | 15.76   | 17      |
|           | 64QAM      | 1       | 0         | 15.91   | 15.83   | 16      | 17      |
|           |            | 1       | 25        | 14.89   | 15.35   | 15.55   | 17      |
|           |            | 1       | 49        | 15.71   | 15.47   | 15.93   | 17      |
|           |            | 25      | 0         | 15.55   | 15.23   | 15.45   | 17      |
|           |            | 25      | 13        | 15.32   | 15.21   | 15.61   | 17      |
|           |            | 25      | 25        | 15.26   | 15.43   | 15.27   | 17      |
|           |            | 50      | 0         | 15.54   | 15.51   | 15.79   | 17      |
| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|           |            |         |           | 40215   | 40690   | 41165   |         |
| 15MHz     | QPSK       | 1       | 0         | 15.58   | 15.54   | 15.88   | 17      |
|           |            | 1       | 38        | 15.48   | 15.6    | 15.67   | 17      |
|           |            | 1       | 74        | 15.49   | 15.77   | 15.8    | 17      |
|           |            | 36      | 0         | 15.69   | 15.6    | 15.79   | 17      |
|           |            | 36      | 18        | 15.57   | 15.67   | 15.88   | 17      |
|           |            | 36      | 39        | 15.63   | 15.62   | 15.92   | 17      |
|           |            | 75      | 0         | 15.58   | 15.68   | 15.95   | 17      |
|           | 16QAM      | 1       | 0         | 15.72   | 15.69   | 15.69   | 17      |
|           |            | 1       | 38        | 15.83   | 15.65   | 15.65   | 17      |
|           |            | 1       | 74        | 15.52   | 15.9    | 16.08   | 17      |
|           |            | 36      | 0         | 15.59   | 15.55   | 15.83   | 17      |
|           |            | 36      | 18        | 15.5    | 15.55   | 15.76   | 17      |
|           |            | 36      | 39        | 15.35   | 15.71   | 15.87   | 17      |
|           |            | 75      | 0         | 15.49   | 15.4    | 15.89   | 17      |
|           | 64QAM      | 1       | 0         | 15.91   | 15.83   | 16      | 17      |
|           |            | 1       | 38        | 14.89   | 15.35   | 15.55   | 17      |
|           |            | 1       | 74        | 15.71   | 15.47   | 15.93   | 17      |
|           |            | 36      | 0         | 15.55   | 15.23   | 15.45   | 17      |
|           |            | 36      | 18        | 15.32   | 15.21   | 15.61   | 17      |
|           |            | 36      | 39        | 15.26   | 15.43   | 15.27   | 17      |
|           |            | 75      | 0         | 15.54   | 15.48   | 15.79   | 17      |

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| Bandwidth | Modulation | RB size | RB offset | Channel | Channel | Channel | Tune up |
|-----------|------------|---------|-----------|---------|---------|---------|---------|
|           |            |         |           | 40240   | 40690   | 41140   |         |
| 20MHz     | QPSK       | 1       | 0         | 15.76   | 15.7    | 16.07   | 17      |
|           |            | 1       | 50        | 15.51   | 15.7    | 15.86   | 17      |
|           |            | 1       | 99        | 15.82   | 15.84   | 16.13   | 17      |
|           |            | 50      | 0         | 15.61   | 15.65   | 15.88   | 17      |
|           |            | 50      | 25        | 15.52   | 15.47   | 15.8    | 17      |
|           |            | 50      | 50        | 15.51   | 15.75   | 15.86   | 17      |
|           |            | 100     | 0         | 15.62   | 15.64   | 15.85   | 17      |
|           | 16QAM      | 1       | 0         | 15.96   | 15.92   | 16.12   | 17      |
|           |            | 1       | 50        | 15.87   | 15.85   | 16.09   | 17      |
|           |            | 1       | 99        | 15.76   | 15.94   | 16.3    | 17      |
|           |            | 50      | 0         | 15.51   | 15.54   | 15.76   | 17      |
|           |            | 50      | 25        | 15.43   | 15.51   | 15.71   | 17      |
|           |            | 50      | 50        | 15.41   | 15.67   | 15.77   | 17      |
|           |            | 100     | 0         | 15.54   | 15.5    | 15.79   | 17      |
|           | 64QAM      | 1       | 0         | 15.91   | 15.83   | 16      | 17      |
|           |            | 1       | 50        | 14.89   | 15.35   | 15.55   | 17      |
|           |            | 1       | 99        | 15.71   | 15.47   | 15.93   | 17      |
|           |            | 50      | 0         | 15.55   | 15.23   | 15.45   | 17      |
|           |            | 50      | 25        | 15.32   | 15.21   | 15.61   | 17      |
|           |            | 50      | 50        | 15.26   | 15.43   | 15.27   | 17      |
|           |            | 100     | 0         | 15.54   | 15.46   | 15.79   | 17      |

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### 8.1.3 Conducted Power of Downlink LTE CA

In this section, the following conducted power measurement results of downlink LTE carrier aggregation are provided to quantify downlink only carrier aggregation SAR test exclusion per KDB 941225 D05A. Uplink maximum output power is measured with downlink carrier aggregation active, using the channel with highest measured maximum output power when downlink carrier aggregation is inactive, to confirm that when downlink carrier aggregation is active uplink maximum output power remains within the specified tune-up tolerance limits and not more than 1/4 dB higher than the maximum output power measured when downlink carrier aggregation inactive.

Power test equipment: R&S Radio Communication Tester CMW500 and/or Anritsu Radio Communication Analyzer MT8821C were used.

The device supports Rel. 11 downlink only LTE Carrier Aggregation and certain network enhancement features (UE Category: cat 5). It supports a maximum of 2 carriers in the downlink. Other Release 11 or higher features are not supported, including Uplink Carrier Aggregation, Enhanced SC-FDMA and Uplink MIMO or other antenna diversity configurations etc.

The possible downlink LTE CA combinations supported by this device are as below tables per 3GPP TS 36.101. The detailed conducted power measurement results of downlink LTE CA are provided in the SAR report per 3GPP TS 36.521. According to KDB 941225 D05A, the downlink only carrier aggregation conditions for this device can be excluded from SAR testing and PAG requirements.

Intra-band contiguous

| Initial Conditions                                                                                                                                                                                    |               |                          |        |                 |                                                           |       |   |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------|--------|-----------------|-----------------------------------------------------------|-------|---|---|
| Test Environment as specified in TS 36.508[7] subclause 4.1                                                                                                                                           |               |                          |        |                 | NC, TL/VL, TL/VH, TH/VL, TH/VH                            |       |   |   |
| Test Frequencies as specified in TS 36.508 [7] subclause 4.3.1 for different CA bandwidth classes, and PCC and SCCs are mapped onto physical frequencies according to Table 6.1-2.                    |               |                          |        |                 | C: Mid range                                              |       |   |   |
| Test CC Combination setting ( $N_{RB\_agg}$ ) as specified in subclause 5.4.2A.1 for the CA Configuration across bandwidth combination sets supported by the UE.                                      |               |                          |        |                 | Lowest $N_{RB\_agg}$<br>Highest $N_{RB\_agg}$<br>(Note 2) |       |   |   |
| Test Parameters for CA Configurations                                                                                                                                                                 |               |                          |        |                 |                                                           |       |   |   |
| CA Configuration / $N_{RB\_agg}$                                                                                                                                                                      |               | DL Allocation            | CC MOD | UL Allocation   |                                                           |       |   |   |
| PCC $N_{RB}$                                                                                                                                                                                          | SCCs $N_{RB}$ | PCC & SCC RB allocation  |        | $N_{RB\_alloc}$ | PCC & SCC RB allocations ( $L_{CRB}$ @ $RB_{start}$ )     |       |   |   |
| 75                                                                                                                                                                                                    | 75            | N/A<br><br>for this test | QPSK   | 16              | P_16@0                                                    | S_0@0 | - | - |
| 100                                                                                                                                                                                                   | 25            |                          | QPSK   | 8               | P_8@0                                                     | S_0@0 | - | - |
| 100                                                                                                                                                                                                   | 50            |                          | QPSK   | 12              | P_12@0                                                    | S_0@0 | - | - |
| 100                                                                                                                                                                                                   | 100           |                          | QPSK   | 18              | P_18@0                                                    | S_0@0 | - | - |
| Note 1: CA Configuration Test CC Combination settings are checked separately for each CA Configuration, which applicable aggregated channel bandwidths are specified in Table 5.4.2A.1-1              |               |                          |        |                 |                                                           |       |   |   |
| Note 2: If in the CA Configuration UE supports multiple CC Combinations with the same $N_{RB\_agg}$ , only the first of those is tested, according to the order on the Test Configuration Table list. |               |                          |        |                 |                                                           |       |   |   |

## Inter-band

| Initial Conditions                                                                                                                                                                                    |               |                         |        |                                                           |                                                       |        |   |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------------|--------|-----------------------------------------------------------|-------------------------------------------------------|--------|---|---|
| Test Environment as specified in TS 36.508[7] subclause 4.1                                                                                                                                           |               |                         |        | NC, TL/VL, TL/VH, TH/VL, TH/VH                            |                                                       |        |   |   |
| Test Frequencies as specified in TS 36.508 [7] subclause 4.3.1 for different CA bandwidth classes.                                                                                                    |               |                         |        | A: Mid range<br>PCC-SCC: CC1-CC2                          |                                                       |        |   |   |
| Test CC Combination setting ( $N_{RB\_agg}$ ) as specified in subclause 5.4.2A.1-2 for the CA Configuration across bandwidth combination sets supported by the UE.                                    |               |                         |        | Lowest $N_{RB\_agg}$<br>Highest $N_{RB\_agg}$<br>(Note 2) |                                                       |        |   |   |
| Test Parameters for CA Configurations                                                                                                                                                                 |               |                         |        |                                                           |                                                       |        |   |   |
| CA Configuration / $N_{RB\_agg}$                                                                                                                                                                      |               | DL Allocation           | CC MOD | UL Allocation                                             |                                                       |        |   |   |
| PCC $N_{RB}$                                                                                                                                                                                          | SCCs $N_{RB}$ | PCC & SCC RB allocation |        | $N_{RB\_alloc}$                                           | PCC & SCC RB allocations ( $L_{CRB}$ @ $RB_{start}$ ) |        |   |   |
| 6                                                                                                                                                                                                     | 25            | N/A for this test       | QPSK   | 13                                                        | P_5@0                                                 | S_8@0  | - | - |
| 6                                                                                                                                                                                                     | 50            |                         | QPSK   | 17                                                        | P_5@0                                                 | S_12@0 | - | - |
| 25                                                                                                                                                                                                    | 15            |                         | QPSK   | 12                                                        | P_8@0                                                 | S_5@0  | - | - |
| 25                                                                                                                                                                                                    | 25            |                         | QPSK   | 16                                                        | P_8@0                                                 | S_8@0  | - | - |
| 25                                                                                                                                                                                                    | 50            |                         | QPSK   | 20                                                        | P_8@0                                                 | S_12@0 | - | - |
| 50                                                                                                                                                                                                    | 25            |                         | QPSK   | 20                                                        | P_12@0                                                | S_8@0  | - | - |
| 50                                                                                                                                                                                                    | 50            |                         | QPSK   | 24                                                        | P_12@0                                                | S_12@0 | - | - |
| 50                                                                                                                                                                                                    | 100           |                         | QPSK   | 30                                                        | P_12@0                                                | S_18@0 | - | - |
| 75                                                                                                                                                                                                    | 75            |                         | QPSK   | 32                                                        | P_16@0                                                | S_16@0 | - | - |
| 100                                                                                                                                                                                                   | 50            |                         | QPSK   | 30                                                        | P_18@0                                                | S_12@0 | - | - |
| 100                                                                                                                                                                                                   | 75            |                         | QPSK   | 34                                                        | P_18@0                                                | S_16@0 | - | - |
| 100                                                                                                                                                                                                   | 100           |                         | QPSK   | 36                                                        | P_18@0                                                | S_18@0 | - | - |
| Note 1: CA Configuration Test CC Combination settings are checked separately for each CA Configuration, which applicable aggregated channel bandwidths are specified in Table 5.4.2A.1-2.             |               |                         |        |                                                           |                                                       |        |   |   |
| Note 2: If in the CA Configuration UE supports multiple CC Combinations with the same $N_{RB\_agg}$ , only the first of those is tested, according to the order on the Test Configuration Table list. |               |                         |        |                                                           |                                                       |        |   |   |

The conducted power measurement results of downlink LTE CA Conducted Power are as below, so the downlink only carrier aggregation conditions for this device can be excluded from SAR testing

2CC-Intraband(Contiguous)-ANT1



| Full Power                                  |             |             |                |         |           |                 |             |             |                |         |                                |                            |
|---------------------------------------------|-------------|-------------|----------------|---------|-----------|-----------------|-------------|-------------|----------------|---------|--------------------------------|----------------------------|
| DL LTE<br>CA<br>Class                       | PCC         |             |                |         |           |                 | SCC         |             |                |         | Power                          |                            |
|                                             | LTE<br>Band | BW<br>(MHz) | Freq.<br>(MHz) | Channel | UL#<br>RB | UL RB<br>Offset | LTE<br>Band | BW<br>(MHz) | Freq.<br>(MHz) | Channel | LTE Rel<br>10<br>Tx.Power(dBm) | LTE Rel 8<br>Tx.Power(dBm) |
| CA_2C                                       | Band 2      | 20M         | 1860           | 18700   | 1         | 0               | Band 2      | 20M         | 1879.8         | 18898   | 23.20                          | 23.16                      |
| CA_5B                                       | Band 5      | 10M         | 829            | 20450   | 1         | 0               | Band 5      | 10M         | 883.9          | 2549    | 23.34                          | 23.38                      |
| CA_7C                                       | Band 7      | 20M         | 2580           | 21350   | 1         | 99              | Band 7      | 20M         | 2680.2         | 3152    | 22.82                          | 22.88                      |
| CA_12C                                      | Band 12     | 5M          | 711            | 23130   | 1         | 49              | Band 12     | 10M         | 733.8          | 5058    | 22.96                          | 22.91                      |
| CA_38C                                      | Band 38     | 20M         | 2610           | 38150   | 1         | 50              | Band 38     | 20M         | 2590.2         | 37952   | 22.97                          | 22.92                      |
| CA_41C                                      | Band 41     | 20M         | 2645           | 41140   | 1         | 99              | Band 41     | 20M         | 2625.2         | 40942   | 23.26                          | 23.36                      |
| Hotspot 2.4G                                |             |             |                |         |           |                 |             |             |                |         |                                |                            |
| DL LTE<br>CA<br>Class                       | PCC         |             |                |         |           |                 | SCC         |             |                |         | Power                          |                            |
|                                             | LTE<br>Band | BW<br>(MHz) | Freq.<br>(MHz) | Channel | UL#<br>RB | UL RB<br>Offset | LTE<br>Band | BW<br>(MHz) | Freq.<br>(MHz) | Channel | LTE Rel<br>10<br>Tx.Power(dBm) | LTE Rel 8<br>Tx.Power(dBm) |
| CA_2C                                       | Band 2      | 20M         | 1860           | 18700   | 1         | 0               | Band 2      | 20M         | 1879.8         | 18898   | 18.26                          | 18.2                       |
| CA_7C                                       | Band 7      | 20M         | 2580           | 21350   | 1         | 99              | Band 7      | 20M         | 2680.2         | 3152    | 19.86                          | 19.82                      |
| CA_38C                                      | Band 38     | 20M         | 2610           | 38150   | 1         | 50              | Band 38     | 20M         | 2590.2         | 37952   | 21.29                          | 21.38                      |
| CA_41C                                      | Band 41     | 20M         | 2645           | 41140   | 1         | 99              | Band 41     | 20M         | 2625.2         | 40942   | 21.47                          | 21.49                      |
| Receiver off, Sar sensor on, Power level D1 |             |             |                |         |           |                 |             |             |                |         |                                |                            |
| DL LTE<br>CA<br>Class                       | PCC         |             |                |         |           |                 | SCC         |             |                |         | Power                          |                            |
|                                             | LTE<br>Band | BW<br>(MHz) | Freq.<br>(MHz) | Channel | UL#<br>RB | UL RB<br>Offset | LTE<br>Band | BW<br>(MHz) | Freq.<br>(MHz) | Channel | LTE Rel<br>10<br>Tx.Power(dBm) | LTE Rel 8<br>Tx.Power(dBm) |
| CA_2C                                       | Band 2      | 20M         | 1860           | 18700   | 1         | 0               | Band 2      | 20M         | 1879.8         | 18898   | 21.45                          | 21.38                      |
| CA_7C                                       | Band 7      | 20M         | 2580           | 21350   | 50        | 50              | Band 7      | 20M         | 2680.2         | 3152    | 21.48                          | 21.42                      |

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## 4x4MIMO-ANT1

| Full Power ANT1 |          |          |             |         |        |              |          |          |             |         |                          |                          |                         |
|-----------------|----------|----------|-------------|---------|--------|--------------|----------|----------|-------------|---------|--------------------------|--------------------------|-------------------------|
| Configure       | PCC      |          |             |         |        |              | SCC1     |          |             |         |                          | Power                    |                         |
|                 | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | DL Antenna Configuration | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| CA-7C           | Band 7   | 20M      | 2580        | 21350   | 1      | 99           | Band 7   | 20M      | 2680.2      | 3152    | 4*4MIMO                  | 23.34                    | 23.38                   |
| CA-38C          | Band 38  | 20M      | 2610        | 38150   | 1      | 50           | Band 38  | 20M      | 2590.2      | 37952   | 4*4MIMO                  | 22.97                    | 22.92                   |
| CA-41C          | Band 41  | 20M      | 2645        | 41140   | 1      | 99           | Band 41  | 20M      | 2625.2      | 40942   | 4*4MIMO                  | 23.26                    | 23.36                   |

## Interband-ANT1

| Full Power ANT1 |          |          |             |         |        |              |          |          |             |         |                          |                         |
|-----------------|----------|----------|-------------|---------|--------|--------------|----------|----------|-------------|---------|--------------------------|-------------------------|
| Configure       | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                 | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Inter-band      | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 23.20                    | 23.16                   |
|                 | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 2   | 20M      | 700         | 1940    | 23.34                    | 23.38                   |
|                 | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 23.20                    | 23.16                   |
|                 | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 23.20                    | 23.16                   |
|                 | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 23.56                    | 23.62                   |
|                 | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 4   | 20M      | 2120        | 2050    | 23.34                    | 23.38                   |
|                 | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 23.56                    | 23.62                   |
|                 | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 23.56                    | 23.62                   |
|                 | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 7   | 20M      | 2680        | 3350    | 23.34                    | 23.38                   |
|                 | Band 7   | 20M      | 2560        | 21350   | 1      | 99           | Band 5   | 10M      | 874         | 2450    | 22.82                    | 22.86                   |
|                 | Band 7   | 20M      | 2560        | 21350   | 1      | 99           | Band 12  | 10M      | 741         | 5130    | 22.82                    | 22.86                   |
| Hotspot 2.4G    |          |          |             |         |        |              |          |          |             |         |                          |                         |
| Configure       | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                 | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Inter-band      | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 18.26                    | 18.2                    |
|                 | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 2   | 20M      | 700         | 1940    | 23.34                    | 23.38                   |
|                 | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 18.26                    | 18.2                    |
|                 | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 18.26                    | 18.2                    |
|                 | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 19.61                    | 19.68                   |
|                 | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 4   | 20M      | 2120        | 2050    | 23.34                    | 23.38                   |
|                 | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 19.61                    | 19.68                   |
|                 | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 19.61                    | 19.68                   |
|                 | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 7   | 20M      | 2680        | 3350    | 23.34                    | 23.38                   |
|                 | Band 7   | 20M      | 2560        | 21350   | 1      | 99           | Band 5   | 10M      | 874         | 2450    | 19.86                    | 19.82                   |
|                 | Band 7   | 20M      | 2560        | 21350   | 1      | 99           | Band 12  | 10M      | 741         | 5130    | 19.86                    | 19.82                   |

| Receiver off, Sar sensor on, Power level D1 |          |          |             |         |        |              |          |          |             |         |                          |                         |
|---------------------------------------------|----------|----------|-------------|---------|--------|--------------|----------|----------|-------------|---------|--------------------------|-------------------------|
| Configure                                   | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                             | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Inter-band                                  | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 21.45                    | 21.38                   |
|                                             | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 2   | 20M      | 700         | 1940    | 23.34                    | 23.38                   |
|                                             | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 21.45                    | 21.38                   |
|                                             | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 21.45                    | 21.38                   |
|                                             | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 19.61                    | 19.68                   |
|                                             | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 4   | 20M      | 2120        | 2050    | 23.34                    | 23.38                   |
|                                             | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 19.61                    | 19.68                   |
|                                             | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 19.61                    | 19.68                   |
|                                             | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 7   | 20M      | 2680        | 3350    | 23.34                    | 23.38                   |
|                                             | Band 7   | 20M      | 2560        | 21350   | 50     | 50           | Band 5   | 10M      | 874         | 2450    | 21.48                    | 21.42                   |
|                                             | Band 7   | 20M      | 2560        | 21350   | 50     | 50           | Band 12  | 10M      | 741         | 5130    | 21.48                    | 21.42                   |

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## 2CC-Intraband(Contiguous)-ANT2

| Full Power              |          |          |             |         |        |              |          |          |             |         |                          |                         |
|-------------------------|----------|----------|-------------|---------|--------|--------------|----------|----------|-------------|---------|--------------------------|-------------------------|
| DL LTE CA Class         | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                         | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| CA_2C                   | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 2   | 20M      | 1879.8      | 18898   | 23.67                    | 23.63                   |
| CA_5B                   | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 5   | 10M      | 883.9       | 2549    | 23.72                    | 23.71                   |
| CA_7C                   | Band 7   | 20M      | 2510        | 20850   | 1      | 99           | Band 7   | 20M      | 2649.8      | 3048    | 22.78                    | 22.76                   |
| CA_12C                  | Band 12  | 5M       | 701.8       | 23780   | 1      | 49           | Band 12  | 10M      | 739         | 5110    | 23.14                    | 23.18                   |
| CA_38C                  | Band 38  | 20M      | 2610        | 38150   | 1      | 99           | Band 38  | 20M      | 2590.2      | 37952   | 23.08                    | 23.12                   |
| CA_41C                  | Band 41  | 20M      | 2645        | 41140   | 1      | 0            | Band 41  | 20M      | 2625.2      | 40942   | 23.45                    | 23.4                    |
| Receiver on(Left head)  |          |          |             |         |        |              |          |          |             |         |                          |                         |
| DL LTE CA Class         | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                         | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| CA_2C                   | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 2   | 20M      | 1879.8      | 18898   | 17.58                    | 17.68                   |
| CA_5B                   | Band 5   | 10M      | 829         | 20450   | 25     | 25           | Band 5   | 10M      | 883.9       | 2549    | 19.74                    | 19.69                   |
| CA_7C                   | Band 7   | 20M      | 2560        | 21350   | 1      | 99           | Band 7   | 20M      | 2660.2      | 3152    | 15.95                    | 15.89                   |
| CA_12C                  | Band 12  | 5M       | 711         | 23130   | 25     | 25           | Band 12  | 10M      | 733.8       | 5058    | 20.83                    | 20.79                   |
| CA_38C                  | Band 38  | 20M      | 2580        | 37850   | 1      | 0            | Band 38  | 20M      | 2599.8      | 38048   | 16.85                    | 16.94                   |
| CA_41C                  | Band 41  | 20M      | 2555        | 40240   | 1      | 99           | Band 41  | 20M      | 2566.7      | 40357   | 16.63                    | 16.65                   |
| Receiver on(Right head) |          |          |             |         |        |              |          |          |             |         |                          |                         |
| DL LTE CA Class         | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                         | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| CA_2C                   | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 2   | 20M      | 1879.8      | 18898   | 15.55                    | 15.65                   |
| CA_5B                   | Band 5   | 10M      | 829         | 20450   | 25     | 13           | Band 5   | 10M      | 883.9       | 2549    | 19.67                    | 19.62                   |
| CA_7C                   | Band 7   | 20M      | 2560        | 21350   | 1      | 99           | Band 7   | 20M      | 2660.2      | 3152    | 14.95                    | 14.89                   |
| CA_12C                  | Band 12  | 5M       | 711         | 23130   | 25     | 25           | Band 12  | 10M      | 733.8       | 5058    | 20.29                    | 20.25                   |
| CA_38C                  | Band 38  | 20M      | 2610        | 38150   | 50     | 50           | Band 38  | 20M      | 2590.2      | 37952   | 16.17                    | 16.1                    |
| CA_41C                  | Band 41  | 20M      | 2645        | 41140   | 1      | 0            | Band 41  | 20M      | 2625.2      | 40942   | 16.35                    | 16.29                   |

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| Receiver off (body or limbs)                |          |          |             |         |        |              |          |          |             |         |                          |                         |
|---------------------------------------------|----------|----------|-------------|---------|--------|--------------|----------|----------|-------------|---------|--------------------------|-------------------------|
| DL LTE CA Class                             | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                             | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| CA_2C                                       | Band 2   | 20M      | 1860        | 18700   | 100    | 0            | Band 2   | 20M      | 1879.8      | 18898   | 21.16                    | 21.07                   |
| CA_5B                                       | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 5   | 10M      | 883.9       | 2549    | 23.62                    | 23.71                   |
| CA_7C                                       | Band 7   | 20M      | 2510        | 20850   | 1      | 99           | Band 7   | 20M      | 2649.8      | 3048    | 18.37                    | 18.28                   |
| CA_12C                                      | Band 12  | 5M       | 711         | 23130   | 1      | 49           | Band 12  | 10M      | 733.8       | 5058    | 23.16                    | 23.19                   |
| CA_38C                                      | Band 38  | 20M      | 2610        | 38150   | 1      | 99           | Band 38  | 20M      | 2590.2      | 37952   | 19.20                    | 19.2                    |
| CA_41C                                      | Band 41  | 20M      | 2645        | 41140   | 1      | 99           | Band 41  | 20M      | 2625.2      | 40942   | 19.35                    | 19.3                    |
| Receiver off (body or limbs) + hotspot 2.4G |          |          |             |         |        |              |          |          |             |         |                          |                         |
| DL LTE CA Class                             | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                             | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| CA_2C                                       | Band 2   | 20M      | 1860        | 18700   | 1      | 50           | Band 2   | 20M      | 1879.8      | 18898   | 18.33                    | 18.37                   |
| CA_5B                                       | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 5   | 10M      | 883.9       | 2549    | 20.63                    | 20.58                   |
| CA_7C                                       | Band 7   | 20M      | 2510        | 20850   | 1      | 0            | Band 7   | 20M      | 2649.8      | 3048    | 15.34                    | 15.3                    |
| CA_12C                                      | Band 12  | 5M       | 711         | 23130   | 25     | 25           | Band 12  | 10M      | 733.8       | 5058    | 19.98                    | 20.08                   |
| CA_38C                                      | Band 38  | 20M      | 2610        | 38150   | 1      | 99           | Band 38  | 20M      | 2590.2      | 37952   | 16.34                    | 16.29                   |
| CA_41C                                      | Band 41  | 20M      | 2645        | 41140   | 1      | 0            | Band 41  | 20M      | 2625.2      | 40942   | 16.46                    | 16.4                    |
| Receiver off (body or limbs) + hotspot 5G   |          |          |             |         |        |              |          |          |             |         |                          |                         |
| DL LTE CA Class                             | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                             | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| CA_2C                                       | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 2   | 20M      | 1879.8      | 18898   | 16.18                    | 16.14                   |
| CA_5B                                       | Band 5   | 10M      | 829         | 20450   | 25     | 0            | Band 5   | 10M      | 883.9       | 2549    | 18.58                    | 18.56                   |
| CA_7C                                       | Band 7   | 20M      | 2510        | 20850   | 1      | 0            | Band 7   | 20M      | 2649.8      | 3048    | 13.24                    | 13.23                   |
| CA_12C                                      | Band 12  | 5M       | 711         | 23130   | 25     | 25           | Band 12  | 10M      | 733.8       | 5058    | 18.06                    | 18.1                    |
| CA_38C                                      | Band 38  | 20M      | 2610        | 38150   | 1      | 99           | Band 38  | 20M      | 2590.2      | 37952   | 14.15                    | 14.19                   |
| CA_41C                                      | Band 41  | 20M      | 2645        | 41140   | 1      | 0            | Band 41  | 20M      | 2625.2      | 40942   | 14.47                    | 14.42                   |

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| Receiver on(Left head) + hotspot 2.4G |          |          |             |         |        |              |          |          |             |         |                          |                         |
|---------------------------------------|----------|----------|-------------|---------|--------|--------------|----------|----------|-------------|---------|--------------------------|-------------------------|
| DL LTE CA Class                       | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                       | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| CA_2C                                 | Band 2   | 20M      | 1900        | 19100   | 1      | 0            | Band 2   | 20M      | 1960.2      | 902     | 14.41                    | 14.37                   |
| CA_5B                                 | Band 5   | 10M      | 844         | 20600   | 1      | 25           | Band 5   | 10M      | 879.1       | 2501    | 17.48                    | 17.43                   |
| CA_7C                                 | Band 7   | 20M      | 2560        | 21350   | 1      | 50           | Band 7   | 20M      | 3152        | 14.95   | 12.61                    | 12.65                   |
| CA_12C                                | Band 12  | 5M       | 711         | 23130   | 25     | 25           | Band 12  | 10M      | 733.8       | 5058    | 17.59                    | 17.63                   |
| CA_38C                                | Band 38  | 20M      | 2610        | 38150   | 50     | 50           | Band 38  | 20M      | 2590.2      | 37952   | 13.76                    | 13.74                   |
| CA_41C                                | Band 41  | 20M      | 2645        | 41140   | 1      | 99           | Band 41  | 20M      | 2625.2      | 40942   | 13.64                    | 13.63                   |

| Receiver on(Right head) + hotspot 2.4G |          |          |             |         |        |              |          |          |             |         |                          |                         |
|----------------------------------------|----------|----------|-------------|---------|--------|--------------|----------|----------|-------------|---------|--------------------------|-------------------------|
| DL LTE CA Class                        | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                        | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| CA_2C                                  | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 2   | 20M      | 1879.8      | 18898   | 12.25                    | 12.35                   |
| CA_5B                                  | Band 5   | 10M      | 829         | 20450   | 1      | 25           | Band 5   | 10M      | 883.9       | 2549    | 16.75                    | 16.69                   |
| CA_7C                                  | Band 7   | 20M      | 2510        | 20850   | 1      | 50           | Band 7   | 20M      | 2649.8      | 3048    | 11.64                    | 11.6                    |
| CA_12C                                 | Band 12  | 5M       | 711         | 23130   | 50     | 0            | Band 12  | 10M      | 733.8       | 5058    | 17.13                    | 17.1                    |
| CA_38C                                 | Band 38  | 20M      | 2610        | 38150   | 1      | 25           | Band 38  | 20M      | 2590.2      | 37952   | 12.80                    | 12.78                   |
| CA_41C                                 | Band 41  | 20M      | 2645        | 41140   | 1      | 50           | Band 41  | 20M      | 2625.2      | 40942   | 13.31                    | 13.24                   |

| Receiver on(Left head) + hotspot 5G |          |          |             |         |        |              |          |          |             |         |                          |                         |
|-------------------------------------|----------|----------|-------------|---------|--------|--------------|----------|----------|-------------|---------|--------------------------|-------------------------|
| DL LTE CA Class                     | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                     | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| CA_2C                               | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 2   | 20M      | 1879.8      | 18898   | 12.33                    | 12.36                   |
| CA_5B                               | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 5   | 10M      | 883.9       | 2549    | 14.68                    | 14.59                   |
| CA_7C                               | Band 7   | 20M      | 2560        | 21350   | 1      | 99           | Band 7   | 20M      | 3152        | 14.95   | 10.44                    | 10.53                   |
| CA_12C                              | Band 12  | 5M       | 711         | 23130   | 25     | 25           | Band 12  | 10M      | 733.8       | 5058    | 15.70                    | 15.61                   |
| CA_38C                              | Band 38  | 20M      | 2610        | 38150   | 1      | 99           | Band 38  | 20M      | 2590.2      | 37952   | 11.82                    | 11.85                   |
| CA_41C                              | Band 41  | 20M      | 2555        | 40240   | 1      | 50           | Band 41  | 20M      | 2566.7      | 40357   | 11.77                    | 11.71                   |

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| Receiver on(Right head) + hotspot 5G |          |          |             |         |        |              |          |          |             |         |                          |                         |
|--------------------------------------|----------|----------|-------------|---------|--------|--------------|----------|----------|-------------|---------|--------------------------|-------------------------|
| DL LTE CA Class                      | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                      | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| CA_2C                                | Band 2   | 20M      | 1900        | 19100   | 1      | 0            | Band 2   | 20M      | 1960.2      | 902     | 10.36                    | 10.36                   |
| CA_5B                                | Band 5   | 10M      | 829         | 20450   | 25     | 13           | Band 5   | 10M      | 883.9       | 2549    | 14.53                    | 14.48                   |
| CA_7C                                | Band 7   | 20M      | 2560        | 21350   | 50     | 0            | Band 7   | 20M      | 3152        | 14.95   | 9.84                     | 9.93                    |
| CA_12C                               | Band 12  | 5M       | 711         | 23130   | 25     | 25           | Band 12  | 10M      | 733.8       | 5058    | 15.11                    | 15.09                   |
| CA_38C                               | Band 38  | 20M      | 2610        | 38150   | 1      | 99           | Band 38  | 20M      | 2590.2      | 37952   | 10.77                    | 10.78                   |
| CA_41C                               | Band 41  | 20M      | 2645        | 41140   | 1      | 50           | Band 41  | 20M      | 2625.2      | 40942   | 11.09                    | 11.13                   |
| Receiver on(Left head) + BT          |          |          |             |         |        |              |          |          |             |         |                          |                         |
| DL LTE CA Class                      | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                      | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| CA_2C                                | Band 2   | 20M      | 1900        | 19100   | 1      | 50           | Band 2   | 20M      | 1960.2      | 902     | 15.37                    | 15.33                   |
| CA_5B                                | Band 5   | 10M      | 844         | 20600   | 25     | 25           | Band 5   | 10M      | 879.1       | 2501    | 17.47                    | 17.45                   |
| CA_7C                                | Band 7   | 20M      | 2510        | 20850   | 1      | 50           | Band 7   | 20M      | 2649.8      | 3048    | 13.69                    | 13.68                   |
| CA_12C                               | Band 12  | 5M       | 711         | 23130   | 25     | 25           | Band 12  | 10M      | 733.8       | 5058    | 18.55                    | 18.59                   |
| CA_38C                               | Band 38  | 20M      | 2610        | 38150   | 1      | 99           | Band 38  | 20M      | 2590.2      | 37952   | 14.80                    | 14.84                   |
| CA_41C                               | Band 41  | 20M      | 2645        | 41140   | 1      | 99           | Band 41  | 20M      | 2625.2      | 40942   | 14.68                    | 14.63                   |
| Receiver on(Right head) + BT         |          |          |             |         |        |              |          |          |             |         |                          |                         |
| DL LTE CA Class                      | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                      | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| CA_2C                                | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 2   | 20M      | 1879.8      | 18898   | 13.37                    | 13.39                   |
| CA_5B                                | Band 5   | 10M      | 829         | 20450   | 25     | 0            | Band 5   | 10M      | 883.9       | 2549    | 17.40                    | 17.49                   |
| CA_7C                                | Band 7   | 20M      | 2510        | 20850   | 50     | 0            | Band 7   | 20M      | 2649.8      | 3048    | 12.47                    | 12.43                   |
| CA_12C                               | Band 12  | 5M       | 711         | 23130   | 1      | 0            | Band 12  | 10M      | 733.8       | 5058    | 18.13                    | 18.07                   |
| CA_38C                               | Band 38  | 20M      | 2610        | 38150   | 1      | 50           | Band 38  | 20M      | 2590.2      | 37952   | 13.98                    | 13.92                   |
| CA_41C                               | Band 41  | 20M      | 2645        | 41140   | 1      | 50           | Band 41  | 20M      | 2625.2      | 40942   | 14.32                    | 14.42                   |

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| Receiver off (body or limbs) + BT       |          |          |             |         |        |              |          |          |             |         |                          |                         |
|-----------------------------------------|----------|----------|-------------|---------|--------|--------------|----------|----------|-------------|---------|--------------------------|-------------------------|
| DL LTE CA Class                         | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                         | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| CA_2C                                   | Band 2   | 20M      | 1900        | 19100   | 1      | 0            | Band 2   | 20M      | 1960.2      | 902     | 18.96                    | 18.9                    |
| CA_5B                                   | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 5   | 10M      | 883.9       | 2549    | 21.51                    | 21.54                   |
| CA_7C                                   | Band 7   | 20M      | 2510        | 20850   | 1      | 99           | Band 7   | 20M      | 2649.8      | 3048    | 16.01                    | 15.92                   |
| CA_12C                                  | Band 12  | 5M       | 711         | 23130   | 50     | 0            | Band 12  | 10M      | 733.8       | 5058    | 21.02                    | 21.11                   |
| CA_38C                                  | Band 38  | 20M      | 2610        | 38150   | 1      | 99           | Band 38  | 20M      | 2590.2      | 37952   | 16.95                    | 16.88                   |
| CA_41C                                  | Band 41  | 20M      | 2645        | 41140   | 1      | 99           | Band 41  | 20M      | 2625.2      | 40942   | 17.27                    | 17.18                   |
| Receiver on(Left head) + WiFi2.4G Ant1  |          |          |             |         |        |              |          |          |             |         |                          |                         |
| DL LTE CA Class                         | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                         | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| CA_2C                                   | Band 2   | 20M      | 1900        | 19100   | 1      | 99           | Band 2   | 20M      | 1960.2      | 902     | 14.47                    | 14.45                   |
| CA_5B                                   | Band 5   | 10M      | 829         | 20450   | 50     | 0            | Band 5   | 10M      | 883.9       | 2549    | 16.45                    | 16.46                   |
| CA_7C                                   | Band 7   | 20M      | 2510        | 20850   | 100    | 0            | Band 7   | 20M      | 2649.8      | 3048    | 12.30                    | 12.39                   |
| CA_12C                                  | Band 12  | 5M       | 711         | 23130   | 1      | 49           | Band 12  | 10M      | 733.8       | 5058    | 17.70                    | 17.65                   |
| CA_38C                                  | Band 38  | 20M      | 2610        | 38150   | 1      | 50           | Band 38  | 20M      | 2590.2      | 37952   | 14.06                    | 14.06                   |
| CA_41C                                  | Band 41  | 20M      | 2645        | 41140   | 1      | 50           | Band 41  | 20M      | 2625.2      | 40942   | 13.69                    | 13.72                   |
| Receiver on(Right head) + WiFi2.4G Ant1 |          |          |             |         |        |              |          |          |             |         |                          |                         |
| DL LTE CA Class                         | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                         | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| CA_2C                                   | Band 2   | 20M      | 1860        | 18700   | 1      | 50           | Band 2   | 20M      | 1879.8      | 18898   | 12.54                    | 12.58                   |
| CA_5B                                   | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 5   | 10M      | 883.9       | 2549    | 16.51                    | 16.49                   |
| CA_7C                                   | Band 7   | 20M      | 2560        | 21350   | 1      | 50           | Band 7   | 20M      | 2660.2      | 3152    | 11.65                    | 11.62                   |
| CA_12C                                  | Band 12  | 5M       | 711         | 23130   | 25     | 25           | Band 12  | 10M      | 733.8       | 5058    | 17.05                    | 17.1                    |
| CA_38C                                  | Band 38  | 20M      | 2610        | 38150   | 1      | 99           | Band 38  | 20M      | 2590.2      | 37952   | 12.90                    | 12.94                   |
| CA_41C                                  | Band 41  | 20M      | 2645        | 41140   | 1      | 0            | Band 41  | 20M      | 2625.2      | 40942   | 13.18                    | 13.11                   |

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|-------------------------------------------------|----------|----------|-------------|---------|--------|--------------|----------|----------|-------------|---------|--------------------------|-------------------------|
| DL LTE CA Class                                 | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                                 | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| CA_2C                                           | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 2   | 20M      | 1879.8      | 18898   | 17.87                    | 17.85                   |
| CA_5B                                           | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 5   | 10M      | 883.9       | 2549    | 20.61                    | 20.51                   |
| CA_7C                                           | Band 7   | 20M      | 2510        | 20850   | 1      | 0            | Band 7   | 20M      | 2649.8      | 3048    | 15.03                    | 14.95                   |
| CA_12C                                          | Band 12  | 5M       | 711         | 23130   | 25     | 25           | Band 12  | 10M      | 733.8       | 5058    | 20.06                    | 20.02                   |
| CA_38C                                          | Band 38  | 20M      | 2610        | 38150   | 1      | 99           | Band 38  | 20M      | 2590.2      | 37952   | 15.78                    | 15.83                   |
| CA_41C                                          | Band 41  | 20M      | 2645        | 41140   | 1      | 99           | Band 41  | 20M      | 2625.2      | 40942   | 16.23                    | 16.13                   |
| Receiver on(Left head) + WiFi5G Ant1/Ant2/MIMO  |          |          |             |         |        |              |          |          |             |         |                          |                         |
| DL LTE CA Class                                 | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                                 | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| CA_2C                                           | Band 2   | 20M      | 1860        | 18700   | 1      | 50           | Band 2   | 20M      | 1879.8      | 18898   | 12.27                    | 12.37                   |
| CA_5B                                           | Band 5   | 10M      | 829         | 20450   | 1      | 50           | Band 5   | 10M      | 883.9       | 2549    | 14.48                    | 14.44                   |
| CA_7C                                           | Band 7   | 20M      | 2560        | 21350   | 1      | 0            | Band 7   | 20M      | 2660.2      | 3152    | 10.59                    | 10.49                   |
| CA_12C                                          | Band 12  | 5M       | 711         | 23130   | 25     | 25           | Band 12  | 10M      | 733.8       | 5058    | 15.53                    | 15.61                   |
| CA_38C                                          | Band 38  | 20M      | 2610        | 38150   | 1      | 99           | Band 38  | 20M      | 2590.2      | 37952   | 11.78                    | 11.77                   |
| CA_41C                                          | Band 41  | 20M      | 2645        | 41140   | 1      | 50           | Band 41  | 20M      | 2625.2      | 40942   | 11.61                    | 11.66                   |
| Receiver on(Right head) + WiFi5G Ant1/Ant2/MIMO |          |          |             |         |        |              |          |          |             |         |                          |                         |
| DL LTE CA Class                                 | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                                 | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| CA_2C                                           | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 2   | 20M      | 1879.8      | 18898   | 10.41                    | 10.39                   |
| CA_5B                                           | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 5   | 10M      | 883.9       | 2549    | 14.58                    | 14.66                   |
| CA_7C                                           | Band 7   | 20M      | 2510        | 20850   | 1      | 0            | Band 7   | 20M      | 2649.8      | 3048    | 9.79                     | 9.87                    |
| CA_12C                                          | Band 12  | 5M       | 711         | 23130   | 25     | 25           | Band 12  | 10M      | 733.8       | 5058    | 15.16                    | 15.1                    |
| CA_38C                                          | Band 38  | 20M      | 2610        | 38150   | 1      | 99           | Band 38  | 20M      | 2590.2      | 37952   | 10.71                    | 10.8                    |
| CA_41C                                          | Band 41  | 20M      | 2645        | 41140   | 1      | 0            | Band 41  | 20M      | 2625.2      | 40942   | 11.00                    | 11.04                   |

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|------------------------------------------------------|----------|----------|-------------|---------|--------|--------------|----------|----------|-------------|---------|--------------------------|-------------------------|
| DL LTE CA Class                                      | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                                      | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| CA_2C                                                | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 2   | 20M      | 1879.8      | 18898   | 15.78                    | 15.8                    |
| CA_5B                                                | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 5   | 10M      | 883.9       | 2549    | 18.48                    | 18.52                   |
| CA_7C                                                | Band 7   | 20M      | 2510        | 20850   | 1      | 0            | Band 7   | 20M      | 2649.8      | 3048    | 13.09                    | 12.99                   |
| CA_12C                                               | Band 12  | 5M       | 711         | 23130   | 25     | 25           | Band 12  | 10M      | 733.8       | 5058    | 18.20                    | 18.11                   |
| CA_38C                                               | Band 38  | 20M      | 2610        | 38150   | 1      | 99           | Band 38  | 20M      | 2590.2      | 37952   | 13.82                    | 13.86                   |
| CA_41C                                               | Band 41  | 20M      | 2645        | 41140   | 1      | 50           | Band 41  | 20M      | 2625.2      | 40942   | 14.22                    | 14.24                   |
| Receiver on(Left head) + BT + WiFi5G Ant1/Ant2/MIMO  |          |          |             |         |        |              |          |          |             |         |                          |                         |
| DL LTE CA Class                                      | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                                      | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| CA_2C                                                | Band 2   | 20M      | 1860        | 18700   | 1      | 50           | Band 2   | 20M      | 1879.8      | 18898   | 12.31                    | 12.37                   |
| CA_5B                                                | Band 5   | 10M      | 829         | 20450   | 1      | 50           | Band 5   | 10M      | 883.9       | 2549    | 14.40                    | 14.44                   |
| CA_7C                                                | Band 7   | 20M      | 2560        | 21350   | 1      | 0            | Band 7   | 20M      | 2660.2      | 3152    | 10.54                    | 10.49                   |
| CA_12C                                               | Band 12  | 5M       | 711         | 23130   | 25     | 25           | Band 12  | 10M      | 733.8       | 5058    | 15.60                    | 15.61                   |
| CA_38C                                               | Band 38  | 20M      | 2610        | 38150   | 1      | 99           | Band 38  | 20M      | 2590.2      | 37952   | 11.73                    | 11.77                   |
| CA_41C                                               | Band 41  | 20M      | 2645        | 41140   | 1      | 50           | Band 41  | 20M      | 2625.2      | 40942   | 11.75                    | 11.66                   |
| Receiver on(Right head) + BT + WiFi5G Ant1/Ant2/MIMO |          |          |             |         |        |              |          |          |             |         |                          |                         |
| DL LTE CA Class                                      | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                                      | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| CA_2C                                                | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 2   | 20M      | 1879.8      | 18898   | 10.47                    | 10.39                   |
| CA_5B                                                | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 5   | 10M      | 883.9       | 2549    | 14.72                    | 14.66                   |
| CA_7C                                                | Band 7   | 20M      | 2510        | 20850   | 1      | 0            | Band 7   | 20M      | 2649.8      | 3048    | 9.80                     | 9.87                    |
| CA_12C                                               | Band 12  | 5M       | 711         | 23130   | 25     | 25           | Band 12  | 10M      | 733.8       | 5058    | 15.12                    | 15.1                    |
| CA_38C                                               | Band 38  | 20M      | 2610        | 38150   | 1      | 99           | Band 38  | 20M      | 2590.2      | 37952   | 10.71                    | 10.8                    |
| CA_41C                                               | Band 41  | 20M      | 2645        | 41140   | 1      | 0            | Band 41  | 20M      | 2625.2      | 40942   | 11.13                    | 11.04                   |

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|-----------------------------------------------------------|----------|----------|-------------|---------|--------|--------------|----------|----------|-------------|---------|--------------------------|-------------------------|
| DL LTE CA Class                                           | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                                           | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| CA_2C                                                     | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 2   | 20M      | 1879.8      | 18898   | 15.90                    | 15.8                    |
| CA_5B                                                     | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 5   | 10M      | 883.9       | 2549    | 18.52                    | 18.52                   |
| CA_7C                                                     | Band 7   | 20M      | 2510        | 20850   | 1      | 0            | Band 7   | 20M      | 2649.8      | 3048    | 13.00                    | 12.99                   |
| CA_12C                                                    | Band 12  | 5M       | 711         | 23130   | 25     | 25           | Band 12  | 10M      | 733.8       | 5058    | 18.14                    | 18.11                   |
| CA_38C                                                    | Band 38  | 20M      | 2610        | 38150   | 1      | 99           | Band 38  | 20M      | 2590.2      | 37952   | 13.80                    | 13.86                   |
| CA_41C                                                    | Band 41  | 20M      | 2645        | 41140   | 1      | 50           | Band 41  | 20M      | 2625.2      | 40942   | 14.23                    | 14.24                   |
| Receiver on(Left head) + WiFi2.4G Ant1 + WiFi5G Ant2      |          |          |             |         |        |              |          |          |             |         |                          |                         |
| DL LTE CA Class                                           | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                                           | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| CA_2C                                                     | Band 2   | 20M      | 1900        | 19100   | 1      | 99           | Band 2   | 20M      | 1960.2      | 902     | 14.39                    | 14.45                   |
| CA_5B                                                     | Band 5   | 10M      | 829         | 20450   | 50     | 0            | Band 5   | 10M      | 883.9       | 2549    | 16.42                    | 16.46                   |
| CA_7C                                                     | Band 7   | 20M      | 2510        | 20850   | 100    | 0            | Band 7   | 20M      | 2649.8      | 3048    | 12.39                    | 12.39                   |
| CA_12C                                                    | Band 12  | 5M       | 711         | 23130   | 1      | 49           | Band 12  | 10M      | 733.8       | 5058    | 17.74                    | 17.65                   |
| CA_38C                                                    | Band 38  | 20M      | 2610        | 38150   | 1      | 50           | Band 38  | 20M      | 2590.2      | 37952   | 14.12                    | 14.06                   |
| CA_41C                                                    | Band 41  | 20M      | 2645        | 41140   | 1      | 50           | Band 41  | 20M      | 2625.2      | 40942   | 13.76                    | 13.72                   |
| Receiver on(Right head) + WiFi2.4G Ant1 + WiFi5G Ant2     |          |          |             |         |        |              |          |          |             |         |                          |                         |
| DL LTE CA Class                                           | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                                           | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| CA_2C                                                     | Band 2   | 20M      | 1860        | 18700   | 1      | 50           | Band 2   | 20M      | 1879.8      | 18898   | 12.56                    | 12.58                   |
| CA_5B                                                     | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 5   | 10M      | 883.9       | 2549    | 16.50                    | 16.49                   |
| CA_7C                                                     | Band 7   | 20M      | 2560        | 21350   | 1      | 50           | Band 7   | 20M      | 2660.2      | 3152    | 11.66                    | 11.62                   |
| CA_12C                                                    | Band 12  | 5M       | 711         | 23130   | 25     | 25           | Band 12  | 10M      | 733.8       | 5058    | 17.01                    | 17.1                    |
| CA_38C                                                    | Band 38  | 20M      | 2610        | 38150   | 1      | 99           | Band 38  | 20M      | 2590.2      | 37952   | 12.96                    | 12.94                   |
| CA_41C                                                    | Band 41  | 20M      | 2645        | 41140   | 1      | 0            | Band 41  | 20M      | 2625.2      | 40942   | 13.03                    | 13.11                   |

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|------------------------------------------------------------|----------|----------|-------------|---------|--------|--------------|----------|----------|-------------|---------|--------------------------|-------------------------|
| DL LTE CA Class                                            | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                                            | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| CA_2C                                                      | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 2   | 20M      | 1879.8      | 18898   | 15.79                    | 15.8                    |
| CA_5B                                                      | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 5   | 10M      | 883.9       | 2549    | 18.56                    | 18.52                   |
| CA_7C                                                      | Band 7   | 20M      | 2510        | 20850   | 1      | 0            | Band 7   | 20M      | 2649.8      | 3048    | 13.04                    | 12.99                   |
| CA_12C                                                     | Band 12  | 5M       | 711         | 23130   | 25     | 25           | Band 12  | 10M      | 733.8       | 5058    | 18.06                    | 18.11                   |
| CA_38C                                                     | Band 38  | 20M      | 2610        | 38150   | 1      | 99           | Band 38  | 20M      | 2590.2      | 37952   | 13.84                    | 13.86                   |
| CA_41C                                                     | Band 41  | 20M      | 2645        | 41140   | 1      | 50           | Band 41  | 20M      | 2625.2      | 40942   | 14.16                    | 14.24                   |

## 4x4MIMO-ANT2

| Full Power ANT1 |          |          |             |         |        |              |          |          |             |         |                          |                          |                         |
|-----------------|----------|----------|-------------|---------|--------|--------------|----------|----------|-------------|---------|--------------------------|--------------------------|-------------------------|
| Configure       | PCC      |          |             |         |        |              | SCC1     |          |             |         | DL Antenna Configuration | Power                    |                         |
|                 | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel |                          | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| CA-7C           | Band 7   | 20M      | 2510        | 20850   | 1      | 99           | Band 7   | 20M      | 2649.8      | 3048    | 4*4MIMO                  | 22.78                    | 22.76                   |
| CA-38C          | Band 38  | 20M      | 2610        | 38150   | 1      | 99           | Band 38  | 20M      | 2590.2      | 37952   | 4*4MIMO                  | 23.08                    | 23.12                   |
| CA-41C          | Band 41  | 20M      | 2645        | 41140   | 1      | 0            | Band 41  | 20M      | 2625.2      | 40942   | 4*4MIMO                  | 23.45                    | 23.4                    |

## Interband-ANT2

| Full Power ANT2             |          |          |             |         |        |              |          |          |             |         |                          |                          |                         |
|-----------------------------|----------|----------|-------------|---------|--------|--------------|----------|----------|-------------|---------|--------------------------|--------------------------|-------------------------|
| Configure                   | PCC      |          |             |         |        |              | SCC      |          |             |         | DL Antenna Configuration | Power                    |                         |
|                             | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel |                          | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Inter-band                  | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 5   | 10M      | 874         | 2450    |                          | 23.67                    | 23.63                   |
|                             | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 2   | 20       | 700         | 1940    |                          | 23.72                    | 23.71                   |
|                             | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 12  | 10M      | 739         | 5780    |                          | 23.67                    | 23.63                   |
|                             | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 17  | 10M      | 739         | 5780    |                          | 23.67                    | 23.63                   |
|                             | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 5   | 10M      | 874         | 2450    |                          | 23.94                    | 23.98                   |
|                             | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 4   | 20       | 2120        | 2050    |                          | 23.72                    | 23.71                   |
|                             | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 12  | 10M      | 739         | 5780    |                          | 23.94                    | 23.98                   |
|                             | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 17  | 10M      | 739         | 5780    |                          | 23.94                    | 23.98                   |
|                             | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 7   | 20M      | 2630        | 2850    |                          | 23.72                    | 23.71                   |
| Inter-band                  | Band 7   | 20M      | 2510        | 20850   | 1      | 99           | Band 5   | 10M      | 874         | 2450    |                          | 22.78                    | 22.76                   |
|                             | Band 7   | 20M      | 2510        | 20850   | 1      | 99           | Band 12  | 10M      | 739         | 5780    |                          | 22.78                    | 22.76                   |
| Receiver on(Left head) ANT2 |          |          |             |         |        |              |          |          |             |         |                          |                          |                         |
| Configure                   | PCC      |          |             |         |        |              | SCC      |          |             |         | DL Antenna Configuration | Power                    |                         |
|                             | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel |                          | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Inter-band                  | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 5   | 10M      | 874         | 2450    |                          | 17.58                    | 17.68                   |
|                             | Band 5   | 10M      | 829         | 20450   | 25     | 25           | Band 2   | 20       | 700         | 1940    |                          | 19.74                    | 19.69                   |
|                             | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 12  | 10M      | 741         | 5130    |                          | 17.58                    | 17.68                   |
|                             | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 17  | 10M      | 739         | 5780    |                          | 17.58                    | 17.68                   |
|                             | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 5   | 10M      | 874         | 2450    |                          | 20.42                    | 20.47                   |
|                             | Band 5   | 10M      | 829         | 20450   | 25     | 25           | Band 4   | 20       | 2120        | 2050    |                          | 19.74                    | 19.69                   |
|                             | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 12  | 10M      | 741         | 5130    |                          | 20.42                    | 20.47                   |
|                             | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 17  | 10M      | 739         | 5780    |                          | 20.42                    | 20.47                   |
|                             | Band 5   | 10M      | 829         | 20450   | 25     | 25           | Band 7   | 20M      | 2630        | 2850    |                          | 19.74                    | 19.69                   |
| Inter-band                  | Band 7   | 20M      | 2560        | 21350   | 1      | 99           | Band 5   | 10M      | 874         | 2450    |                          | 15.95                    | 15.89                   |
|                             | Band 7   | 20M      | 2560        | 21350   | 1      | 99           | Band 12  | 10M      | 741         | 5130    |                          | 15.95                    | 15.89                   |

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| Receiver on(Right head) ANT2        |          |          |             |         |        |              |          |          |             |         |                          |                         |
|-------------------------------------|----------|----------|-------------|---------|--------|--------------|----------|----------|-------------|---------|--------------------------|-------------------------|
| Configure                           | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                     | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Inter-band                          | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 15.55                    | 15.65                   |
|                                     | Band 5   | 10M      | 829         | 20450   | 25     | 13           | Band 2   | 20       | 700         | 1940    | 19.67                    | 19.62                   |
|                                     | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 15.55                    | 15.65                   |
|                                     | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 15.55                    | 15.65                   |
|                                     | Band 4   | 20M      | 1720        | 20050   | 50     | 25           | Band 5   | 10M      | 874         | 2450    | 17.94                    | 17.98                   |
|                                     | Band 5   | 10M      | 829         | 20450   | 25     | 13           | Band 4   | 20       | 2120        | 2050    | 19.67                    | 19.62                   |
|                                     | Band 4   | 20M      | 1720        | 20050   | 50     | 25           | Band 12  | 10M      | 741         | 5130    | 17.94                    | 17.98                   |
|                                     | Band 4   | 20M      | 1720        | 20050   | 50     | 25           | Band 17  | 10M      | 741         | 5800    | 17.94                    | 17.98                   |
|                                     | Band 5   | 10M      | 829         | 20450   | 25     | 13           | Band 7   | 20M      | 2630        | 2850    | 19.67                    | 19.62                   |
|                                     | Band 7   | 20M      | 2560        | 21350   | 1      | 99           | Band 5   | 10M      | 874         | 2450    | 14.95                    | 14.89                   |
|                                     | Band 7   | 20M      | 2560        | 21350   | 1      | 99           | Band 12  | 10M      | 741         | 5130    | 14.95                    | 14.89                   |
| Receiver off ( body or limbs ) ANT2 |          |          |             |         |        |              |          |          |             |         |                          |                         |
| Configure                           | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                     | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Inter-band                          | Band 2   | 20M      | 1860        | 18700   | 100    | 0            | Band 5   | 10M      | 874         | 2450    | 21.16                    | 21.07                   |
|                                     | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 2   | 20M      | 700         | 1940    | 23.62                    | 23.71                   |
|                                     | Band 2   | 20M      | 1860        | 18700   | 100    | 0            | Band 12  | 10M      | 741         | 5130    | 21.16                    | 21.07                   |
|                                     | Band 2   | 20M      | 1860        | 18700   | 100    | 0            | Band 17  | 10M      | 739         | 5780    | 21.16                    | 21.07                   |
|                                     | Band 4   | 20M      | 829         | 20450   | 50     | 0            | Band 5   | 10M      | 874         | 2450    | 21.52                    | 21.48                   |
|                                     | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 4   | 20M      | 2120        | 2050    | 23.62                    | 23.71                   |
|                                     | Band 4   | 20M      | 829         | 20450   | 50     | 0            | Band 12  | 10M      | 741         | 5130    | 21.52                    | 21.48                   |
|                                     | Band 4   | 20M      | 829         | 20450   | 50     | 0            | Band 17  | 10M      | 739         | 5780    | 21.52                    | 21.48                   |
|                                     | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 7   | 20M      | 2630        | 2850    | 23.62                    | 23.71                   |
|                                     | Band 7   | 20M      | 2510        | 20850   | 1      | 99           | Band 5   | 10M      | 874         | 2450    | 18.37                    | 18.28                   |
|                                     | Band 7   | 20M      | 2510        | 20850   | 1      | 99           | Band 12  | 10M      | 741         | 5130    | 18.37                    | 18.28                   |

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| Receiver off ( body or limbs ) + hotspot 2.4G ANT2 |          |          |             |         |        |              |          |          |             |         |                          |                         |
|----------------------------------------------------|----------|----------|-------------|---------|--------|--------------|----------|----------|-------------|---------|--------------------------|-------------------------|
| Configure                                          | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                                    | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Inter-band                                         | Band 2   | 20M      | 1860        | 18700   | 1      | 50           | Band 5   | 10M      | 874         | 2450    | 18.33                    | 18.37                   |
|                                                    | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 2   | 20M      | 700         | 1940    | 20.63                    | 20.58                   |
|                                                    | Band 2   | 20M      | 1860        | 18700   | 1      | 50           | Band 12  | 10M      | 741         | 5130    | 18.33                    | 18.37                   |
|                                                    | Band 2   | 20M      | 1860        | 18700   | 1      | 50           | Band 17  | 10M      | 739         | 5780    | 18.33                    | 18.37                   |
|                                                    | Band 4   | 20M      | 1720        | 20050   | 50     | 0            | Band 5   | 10M      | 874         | 2450    | 18.44                    | 18.49                   |
|                                                    | Band 5   | 10M      | 1720        | 20450   | 1      | 0            | Band 4   | 20M      | 2120        | 2050    | 20.63                    | 20.58                   |
|                                                    | Band 4   | 20M      | 1860        | 20050   | 50     | 0            | Band 12  | 10M      | 741         | 5130    | 18.44                    | 18.49                   |
|                                                    | Band 4   | 20M      | 1720        | 20050   | 50     | 0            | Band 17  | 10M      | 739         | 5780    | 18.44                    | 18.49                   |
|                                                    | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 7   | 20M      | 2630        | 2850    | 20.63                    | 20.58                   |
|                                                    | Band 7   | 20M      | 2510        | 20850   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 15.34                    | 15.3                    |
|                                                    | Band 7   | 20M      | 2510        | 20850   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 15.34                    | 15.3                    |
| Receiver off ( body or limbs ) + hotspot 5G ANT2   |          |          |             |         |        |              |          |          |             |         |                          |                         |
| Configure                                          | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                                    | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Inter-band                                         | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 16.18                    | 16.14                   |
|                                                    | Band 5   | 10M      | 829         | 20450   | 25     | 0            | Band 2   | 20M      | 700         | 1940    | 18.58                    | 18.56                   |
|                                                    | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 16.18                    | 16.14                   |
|                                                    | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 16.18                    | 16.14                   |
|                                                    | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 16.42                    | 16.49                   |
|                                                    | Band 5   | 10M      | 1720        | 20450   | 25     | 0            | Band 4   | 20M      | 2120        | 2050    | 18.58                    | 18.56                   |
|                                                    | Band 4   | 20M      | 1860        | 20050   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 16.42                    | 16.49                   |
|                                                    | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 16.42                    | 16.49                   |
|                                                    | Band 5   | 10M      | 829         | 20450   | 25     | 0            | Band 7   | 20M      | 2630        | 2850    | 18.58                    | 18.56                   |
|                                                    | Band 7   | 20M      | 2510        | 20850   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 13.24                    | 13.23                   |
|                                                    | Band 7   | 20M      | 2510        | 20850   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 13.24                    | 13.23                   |

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| Receiver on(Left head) + hotspot 2.4G  |          |          |             |         |        |              |          |          |             |         |                          |                         |
|----------------------------------------|----------|----------|-------------|---------|--------|--------------|----------|----------|-------------|---------|--------------------------|-------------------------|
| Configure                              | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                        | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Inter-band                             | Band 2   | 20M      | 1900        | 19100   | 1      | 0            | Band 5   | 10M      | 889         | 2600    | 14.41                    | 14.37                   |
|                                        | Band 5   | 10M      | 844         | 20600   | 1      | 25           | Band 2   | 20M      | 1980        | 1100    | 17.48                    | 17.43                   |
|                                        | Band 2   | 20M      | 1900        | 19100   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 14.41                    | 14.37                   |
|                                        | Band 2   | 20M      | 1900        | 19100   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 14.41                    | 14.37                   |
|                                        | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 5   | 10M      | 889         | 2600    | 17.39                    | 17.43                   |
|                                        | Band 5   | 10M      | 844         | 20600   | 1      | 25           | Band 4   | 20M      | 2120        | 2050    | 17.48                    | 17.43                   |
|                                        | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 17.39                    | 17.43                   |
|                                        | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 17.39                    | 17.43                   |
|                                        | Band 5   | 10M      | 844         | 20600   | 1      | 25           | Band 7   | 20M      | 2680        | 3350    | 17.48                    | 17.43                   |
|                                        | Band 7   | 20M      | 2560        | 21350   | 1      | 50           | Band 5   | 10M      | 889         | 2600    | 12.61                    | 12.65                   |
|                                        | Band 7   | 20M      | 2560        | 21350   | 1      | 50           | Band 12  | 10M      | 741         | 5130    | 12.61                    | 12.65                   |
| Receiver on(Right head) + hotspot 2.4G |          |          |             |         |        |              |          |          |             |         |                          |                         |
| Configure                              | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                        | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Inter-band                             | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 12.25                    | 12.35                   |
|                                        | Band 5   | 10M      | 829         | 20450   | 1      | 25           | Band 2   | 20M      | 700         | 1940    | 16.75                    | 16.69                   |
|                                        | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 12.25                    | 12.35                   |
|                                        | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 17  | 10M      | 739         | 5780    | 12.25                    | 12.35                   |
|                                        | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 14.79                    | 14.83                   |
|                                        | Band 5   | 10M      | 829         | 20450   | 1      | 25           | Band 4   | 20M      | 2120        | 2050    | 16.75                    | 16.69                   |
|                                        | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 14.79                    | 14.83                   |
|                                        | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 17  | 10M      | 739         | 5780    | 14.79                    | 14.83                   |
|                                        | Band 5   | 10M      | 829         | 20450   | 1      | 25           | Band 7   | 20M      | 2630        | 2850    | 16.75                    | 16.69                   |
|                                        | Band 7   | 20M      | 2510        | 20850   | 1      | 50           | Band 5   | 10M      | 874         | 2450    | 11.64                    | 11.6                    |
|                                        | Band 7   | 20M      | 2510        | 20850   | 1      | 50           | Band 12  | 10M      | 741         | 5130    | 11.64                    | 11.6                    |

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| Receiver on(Left head) + hotspot 5G  |          |          |             |         |        |              |          |          |             |         |                          |                         |
|--------------------------------------|----------|----------|-------------|---------|--------|--------------|----------|----------|-------------|---------|--------------------------|-------------------------|
| Configure                            | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                      | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Inter-band                           | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 12.33                    | 12.36                   |
|                                      | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 2   | 20M      | 700         | 1940    | 14.68                    | 14.59                   |
|                                      | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 12.33                    | 12.36                   |
|                                      | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 12.33                    | 12.36                   |
|                                      | Band 4   | 20M      | 1720        | 20050   | 50     | 0            | Band 5   | 10M      | 874         | 2450    | 15.32                    | 15.37                   |
|                                      | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 4   | 20M      | 2120        | 2050    | 14.68                    | 14.59                   |
|                                      | Band 4   | 20M      | 1720        | 20050   | 50     | 0            | Band 12  | 10M      | 741         | 5130    | 15.32                    | 15.37                   |
|                                      | Band 4   | 20M      | 1720        | 20050   | 50     | 0            | Band 17  | 10M      | 741         | 5800    | 15.32                    | 15.37                   |
|                                      | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 7   | 20M      | 2560        | 3350    | 14.68                    | 14.59                   |
|                                      | Band 7   | 20M      | 2560        | 21350   | 1      | 99           | Band 5   | 10M      | 874         | 2450    | 10.44                    | 10.53                   |
|                                      | Band 7   | 20M      | 2560        | 21350   | 1      | 99           | Band 12  | 10M      | 741         | 5130    | 10.44                    | 10.53                   |
| Receiver on(Right head) + hotspot 5G |          |          |             |         |        |              |          |          |             |         |                          |                         |
| Configure                            | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                      | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Inter-band                           | Band 2   | 20M      | 1900        | 19100   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 10.36                    | 10.36                   |
|                                      | Band 5   | 10M      | 829         | 20450   | 25     | 13           | Band 2   | 20M      | 1980        | 1100    | 14.53                    | 14.48                   |
|                                      | Band 2   | 20M      | 1900        | 19100   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 10.36                    | 10.36                   |
|                                      | Band 2   | 20M      | 1900        | 19100   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 10.36                    | 10.36                   |
|                                      | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 11.86                    | 12.91                   |
|                                      | Band 5   | 10M      | 829         | 20450   | 25     | 13           | Band 4   | 20M      | 2120        | 2050    | 14.53                    | 14.48                   |
|                                      | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 11.86                    | 12.91                   |
|                                      | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 11.86                    | 12.91                   |
|                                      | Band 5   | 10M      | 829         | 20450   | 25     | 13           | Band 7   | 20M      | 2560        | 3350    | 14.53                    | 14.48                   |
|                                      | Band 7   | 20M      | 2560        | 21350   | 50     | 0            | Band 5   | 10M      | 874         | 2450    | 9.84                     | 9.93                    |
|                                      | Band 7   | 20M      | 2560        | 21350   | 50     | 0            | Band 12  | 10M      | 741         | 5130    | 9.84                     | 9.93                    |

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| Receiver on(Left head) + BT  |          |          |             |         |        |              |          |          |             |         |                          |                         |
|------------------------------|----------|----------|-------------|---------|--------|--------------|----------|----------|-------------|---------|--------------------------|-------------------------|
| Configure                    | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                              | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Inter-band                   | Band 2   | 20M      | 1900        | 19100   | 1      | 50           | Band 5   | 10M      | 874         | 2450    | 15.37                    | 15.33                   |
|                              | Band 5   | 10M      | 844         | 20600   | 25     | 25           | Band 2   | 20M      | 1980        | 1100    | 17.47                    | 17.45                   |
|                              | Band 2   | 20M      | 1900        | 19100   | 1      | 50           | Band 12  | 10M      | 741         | 5130    | 15.37                    | 15.33                   |
|                              | Band 2   | 20M      | 1900        | 19100   | 1      | 50           | Band 17  | 10M      | 741         | 5800    | 15.37                    | 15.33                   |
|                              | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 15.94                    | 15.95                   |
|                              | Band 5   | 10M      | 844         | 20600   | 25     | 25           | Band 4   | 20M      | 2120        | 2050    | 17.47                    | 17.45                   |
|                              | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 15.94                    | 15.95                   |
|                              | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 15.94                    | 15.95                   |
|                              | Band 5   | 10M      | 844         | 20600   | 25     | 25           | Band 7   | 20M      | 2630        | 2850    | 17.47                    | 17.45                   |
|                              | Band 7   | 20M      | 2510        | 20850   | 1      | 50           | Band 5   | 10M      | 874         | 2450    | 13.69                    | 13.68                   |
|                              | Band 7   | 20M      | 2510        | 20850   | 1      | 50           | Band 12  | 10M      | 741         | 5130    | 13.69                    | 13.68                   |
| Receiver on(Right head) + BT |          |          |             |         |        |              |          |          |             |         |                          |                         |
| Configure                    | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                              | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Inter-band                   | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 13.37                    | 13.39                   |
|                              | Band 5   | 10M      | 829         | 20450   | 25     | 0            | Band 2   | 20M      | 700         | 1940    | 17.40                    | 17.49                   |
|                              | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 13.37                    | 13.39                   |
|                              | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 13.37                    | 13.39                   |
|                              | Band 4   | 20M      | 1720        | 20050   | 1      | 50           | Band 5   | 10M      | 874         | 2450    | 15.81                    | 15.76                   |
|                              | Band 5   | 10M      | 829         | 20450   | 25     | 0            | Band 4   | 20M      | 2120        | 2050    | 17.40                    | 17.49                   |
|                              | Band 4   | 20M      | 1720        | 20050   | 1      | 50           | Band 12  | 10M      | 741         | 5130    | 15.81                    | 15.76                   |
|                              | Band 4   | 20M      | 1720        | 20050   | 1      | 50           | Band 17  | 10M      | 741         | 5800    | 15.81                    | 15.76                   |
|                              | Band 5   | 10M      | 829         | 20450   | 25     | 0            | Band 7   | 20M      | 2630        | 2850    | 17.40                    | 17.49                   |
|                              | Band 7   | 20M      | 2510        | 20850   | 50     | 0            | Band 5   | 10M      | 874         | 2450    | 12.47                    | 12.43                   |
|                              | Band 7   | 20M      | 2510        | 20850   | 50     | 0            | Band 12  | 10M      | 741         | 5130    | 12.47                    | 12.43                   |

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| Receiver off ( body or limbs ) + BT    |          |          |             |         |        |              |          |          |             |         |                          |                         |
|----------------------------------------|----------|----------|-------------|---------|--------|--------------|----------|----------|-------------|---------|--------------------------|-------------------------|
| Configure                              | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                        | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Inter-band                             | Band 2   | 20M      | 1900        | 19100   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 18.96                    | 18.9                    |
|                                        | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 2   | 20M      | 1980        | 1100    | 21.51                    | 21.54                   |
|                                        | Band 2   | 20M      | 1900        | 19100   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 18.96                    | 18.9                    |
|                                        | Band 2   | 20M      | 1900        | 19100   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 18.96                    | 18.9                    |
|                                        | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 19.42                    | 19.46                   |
|                                        | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 4   | 20M      | 2120        | 2050    | 21.51                    | 21.54                   |
|                                        | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 19.42                    | 19.46                   |
|                                        | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 19.42                    | 19.46                   |
|                                        | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 7   | 20M      | 2630        | 2850    | 21.51                    | 21.54                   |
|                                        | Band 7   | 20M      | 2510        | 20850   | 1      | 99           | Band 5   | 10M      | 874         | 2450    | 16.01                    | 15.92                   |
|                                        | Band 7   | 20M      | 2510        | 20850   | 1      | 99           | Band 12  | 10M      | 741         | 5130    | 16.01                    | 15.92                   |
| Receiver on(Left head) + WiFi2.4G Ant1 |          |          |             |         |        |              |          |          |             |         |                          |                         |
| Configure                              | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                        | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Inter-band                             | Band 2   | 20M      | 1900        | 19100   | 1      | 99           | Band 5   | 10M      | 874         | 2450    | 14.47                    | 14.45                   |
|                                        | Band 5   | 10M      | 829         | 20450   | 50     | 0            | Band 2   | 20M      | 1980        | 1100    | 16.45                    | 16.46                   |
|                                        | Band 2   | 20M      | 1900        | 19100   | 1      | 99           | Band 12  | 10M      | 741         | 5130    | 14.47                    | 14.45                   |
|                                        | Band 2   | 20M      | 1900        | 19100   | 1      | 99           | Band 17  | 10M      | 741         | 5800    | 14.47                    | 14.45                   |
|                                        | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 17.31                    | 17.35                   |
|                                        | Band 5   | 10M      | 829         | 20450   | 50     | 0            | Band 4   | 20M      | 2120        | 2050    | 16.45                    | 16.46                   |
|                                        | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 17.31                    | 17.35                   |
|                                        | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 17.31                    | 17.35                   |
|                                        | Band 5   | 10M      | 829         | 20450   | 50     | 0            | Band 7   | 20M      | 2630        | 2850    | 16.45                    | 16.46                   |
|                                        | Band 7   | 20M      | 2510        | 20850   | 100    | 0            | Band 5   | 10M      | 874         | 2450    | 12.30                    | 12.39                   |
|                                        | Band 7   | 20M      | 2510        | 20850   | 100    | 0            | Band 12  | 10M      | 741         | 5130    | 12.30                    | 12.39                   |

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| Receiver on(Right head) + WiFi2.4G Ant1        |          |          |             |         |        |              |          |          |             |         |                          |                         |
|------------------------------------------------|----------|----------|-------------|---------|--------|--------------|----------|----------|-------------|---------|--------------------------|-------------------------|
| Configure                                      | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                                | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Inter-band                                     | Band 2   | 20M      | 1860        | 18700   | 1      | 50           | Band 5   | 10M      | 874         | 2450    | 12.54                    | 12.58                   |
|                                                | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 2   | 20M      | 700         | 1940    | 16.51                    | 16.49                   |
|                                                | Band 2   | 20M      | 1860        | 18700   | 1      | 50           | Band 12  | 10M      | 741         | 5130    | 12.54                    | 12.58                   |
|                                                | Band 2   | 20M      | 1860        | 18700   | 1      | 50           | Band 17  | 10M      | 741         | 5800    | 12.54                    | 12.58                   |
|                                                | Band 4   | 20M      | 1720        | 20050   | 1      | 50           | Band 5   | 10M      | 874         | 2450    | 14.92                    | 14.98                   |
|                                                | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 4   | 20M      | 2120        | 2050    | 16.51                    | 16.49                   |
|                                                | Band 4   | 20M      | 1720        | 20050   | 1      | 50           | Band 12  | 10M      | 741         | 5130    | 14.92                    | 14.98                   |
|                                                | Band 4   | 20M      | 1720        | 20050   | 1      | 50           | Band 17  | 10M      | 741         | 5800    | 14.92                    | 14.98                   |
|                                                | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 7   | 20M      | 2680        | 3350    | 16.51                    | 16.49                   |
|                                                | Band 7   | 20M      | 2560        | 21350   | 1      | 50           | Band 5   | 10M      | 874         | 2450    | 11.65                    | 11.62                   |
|                                                | Band 7   | 20M      | 2560        | 21350   | 1      | 50           | Band 12  | 10M      | 741         | 5130    | 11.65                    | 11.62                   |
| Receiver off ( body or limbs ) + WiFi2.4G Ant1 |          |          |             |         |        |              |          |          |             |         |                          |                         |
| Configure                                      | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                                | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Inter-band                                     | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 17.87                    | 17.85                   |
|                                                | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 2   | 20M      | 700         | 1940    | 20.61                    | 20.51                   |
|                                                | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 17.87                    | 17.85                   |
|                                                | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 17.87                    | 17.85                   |
|                                                | Band 4   | 20M      | 1720        | 20050   | 1      | 50           | Band 5   | 10M      | 874         | 2450    | 18.39                    | 18.44                   |
|                                                | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 4   | 20M      | 2120        | 2050    | 20.61                    | 20.51                   |
|                                                | Band 4   | 20M      | 1720        | 20050   | 1      | 50           | Band 12  | 10M      | 741         | 5130    | 18.39                    | 18.44                   |
|                                                | Band 4   | 20M      | 1720        | 20050   | 1      | 50           | Band 17  | 10M      | 741         | 5800    | 18.39                    | 18.44                   |
|                                                | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 7   | 20M      | 2630        | 2850    | 20.61                    | 20.51                   |
|                                                | Band 7   | 20M      | 2510        | 20850   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 15.03                    | 14.95                   |
|                                                | Band 7   | 20M      | 2510        | 20850   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 15.03                    | 14.95                   |

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| Receiver on(Left head) + WiFi5G Ant1/Ant2/MIMO  |          |          |             |         |        |              |          |          |             |         |                          |                         |
|-------------------------------------------------|----------|----------|-------------|---------|--------|--------------|----------|----------|-------------|---------|--------------------------|-------------------------|
| Configure                                       | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                                 | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Inter-band                                      | Band 2   | 20M      | 1860        | 18700   | 1      | 50           | Band 5   | 10M      | 874         | 2450    | 12.27                    | 12.37                   |
|                                                 | Band 5   | 10M      | 829         | 20450   | 1      | 50           | Band 2   | 20M      | 700         | 1940    | 14.48                    | 14.44                   |
|                                                 | Band 2   | 20M      | 1860        | 18700   | 1      | 50           | Band 12  | 10M      | 741         | 5130    | 12.27                    | 12.37                   |
|                                                 | Band 2   | 20M      | 1860        | 18700   | 1      | 50           | Band 17  | 10M      | 741         | 5800    | 12.27                    | 12.37                   |
|                                                 | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 15.39                    | 15.43                   |
|                                                 | Band 5   | 10M      | 829         | 20450   | 1      | 50           | Band 4   | 20M      | 2120        | 2050    | 14.48                    | 14.44                   |
|                                                 | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 15.39                    | 15.43                   |
|                                                 | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 15.39                    | 15.43                   |
|                                                 | Band 5   | 10M      | 829         | 20450   | 1      | 50           | Band 7   | 20M      | 2680        | 3350    | 14.48                    | 14.44                   |
|                                                 | Band 7   | 20M      | 2560        | 21350   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 10.59                    | 10.49                   |
|                                                 | Band 7   | 20M      | 2560        | 21350   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 10.59                    | 10.49                   |
| Receiver on(Right head) + WiFi5G Ant1/Ant2/MIMO |          |          |             |         |        |              |          |          |             |         |                          |                         |
| Configure                                       | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                                 | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Inter-band                                      | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 10.41                    | 10.39                   |
|                                                 | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 2   | 20M      | 700         | 1940    | 14.58                    | 14.66                   |
|                                                 | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 10.41                    | 10.39                   |
|                                                 | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 10.41                    | 10.39                   |
|                                                 | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 12.92                    | 12.97                   |
|                                                 | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 4   | 20M      | 2120        | 2050    | 14.58                    | 14.66                   |
|                                                 | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 12.92                    | 12.97                   |
|                                                 | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 12.92                    | 12.97                   |
|                                                 | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 7   | 20M      | 2850        | 2630    | 14.58                    | 14.66                   |
|                                                 | Band 7   | 20M      | 2510        | 20850   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 9.79                     | 9.87                    |
|                                                 | Band 7   | 20M      | 2510        | 20850   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 9.79                     | 9.87                    |

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| Receiver off ( body or limbs ) + WiFi5G Ant1/Ant2/MIMO |          |          |             |         |        |              |          |          |             |         |                          |                         |
|--------------------------------------------------------|----------|----------|-------------|---------|--------|--------------|----------|----------|-------------|---------|--------------------------|-------------------------|
| Configure                                              | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                                        | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Inter-band                                             | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 15.78                    | 15.8                    |
|                                                        | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 2   | 20M      | 700         | 1940    | 18.48                    | 18.52                   |
|                                                        | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 15.78                    | 15.8                    |
|                                                        | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 15.78                    | 15.8                    |
|                                                        | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 16.36                    | 16.4                    |
|                                                        | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 4   | 20M      | 2120        | 2050    | 18.48                    | 18.52                   |
|                                                        | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 16.36                    | 16.4                    |
|                                                        | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 16.36                    | 16.4                    |
|                                                        | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 7   | 20M      | 2850        | 2630    | 18.48                    | 18.52                   |
|                                                        | Band 7   | 20M      | 2510        | 20850   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 13.09                    | 12.99                   |
|                                                        | Band 7   | 20M      | 2510        | 20850   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 13.09                    | 12.99                   |
| Receiver on(Left head) + BT + WiFi5G Ant1/Ant2/MIMO    |          |          |             |         |        |              |          |          |             |         |                          |                         |
| Configure                                              | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                                        | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Inter-band                                             | Band 2   | 20M      | 1860        | 18700   | 1      | 50           | Band 5   | 10M      | 874         | 2450    | 12.27                    | 12.37                   |
|                                                        | Band 5   | 10M      | 829         | 20450   | 1      | 50           | Band 2   | 20M      | 700         | 1940    | 14.48                    | 14.44                   |
|                                                        | Band 2   | 20M      | 1860        | 18700   | 1      | 50           | Band 12  | 10M      | 741         | 5130    | 12.27                    | 12.37                   |
|                                                        | Band 2   | 20M      | 1860        | 18700   | 1      | 50           | Band 17  | 10M      | 741         | 5800    | 12.27                    | 12.37                   |
|                                                        | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 15.39                    | 15.43                   |
|                                                        | Band 5   | 10M      | 829         | 20450   | 1      | 50           | Band 4   | 20M      | 2120        | 2050    | 14.48                    | 14.44                   |
|                                                        | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 15.39                    | 15.43                   |
|                                                        | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 15.39                    | 15.43                   |
|                                                        | Band 5   | 10M      | 829         | 20450   | 1      | 50           | Band 7   | 20M      | 2680        | 3350    | 14.48                    | 14.44                   |
|                                                        | Band 7   | 20M      | 2560        | 21350   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 10.59                    | 10.49                   |
|                                                        | Band 7   | 20M      | 2560        | 21350   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 10.59                    | 10.49                   |

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| Receiver on(Right head) + BT + WiFi5G Ant1/Ant2/MIMO        |          |          |             |         |        |              |          |          |             |         |                          |                         |
|-------------------------------------------------------------|----------|----------|-------------|---------|--------|--------------|----------|----------|-------------|---------|--------------------------|-------------------------|
| Configure                                                   | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                                             | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Inter-band                                                  | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 10.41                    | 10.39                   |
|                                                             | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 2   | 20M      | 700         | 1940    | 14.58                    | 14.66                   |
|                                                             | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 10.41                    | 10.39                   |
|                                                             | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 10.41                    | 10.39                   |
|                                                             | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 12.92                    | 12.97                   |
|                                                             | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 4   | 20M      | 2120        | 2050    | 14.58                    | 14.66                   |
|                                                             | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 12.92                    | 12.97                   |
|                                                             | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 12.92                    | 12.97                   |
|                                                             | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 7   | 20M      | 2850        | 2630    | 14.58                    | 14.66                   |
|                                                             | Band 7   | 20M      | 2510        | 20850   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 9.79                     | 9.87                    |
|                                                             | Band 7   | 20M      | 2510        | 20850   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 9.79                     | 9.87                    |
| Receiver off ( body or limbs ) + BT + WiFi5G Ant1/Ant2/MIMO |          |          |             |         |        |              |          |          |             |         |                          |                         |
| Configure                                                   | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                                             | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Inter-band                                                  | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 15.78                    | 15.8                    |
|                                                             | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 2   | 20M      | 700         | 1940    | 18.48                    | 18.52                   |
|                                                             | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 15.78                    | 15.8                    |
|                                                             | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 15.78                    | 15.8                    |
|                                                             | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 16.36                    | 16.4                    |
|                                                             | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 4   | 20M      | 2120        | 2050    | 18.48                    | 18.52                   |
|                                                             | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 16.36                    | 16.4                    |
|                                                             | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 16.36                    | 16.4                    |
|                                                             | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 7   | 20M      | 2850        | 2630    | 18.48                    | 18.52                   |
|                                                             | Band 7   | 20M      | 2510        | 20850   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 13.09                    | 12.99                   |
|                                                             | Band 7   | 20M      | 2510        | 20850   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 13.09                    | 12.99                   |

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| Receiver on(Left head) + WiFi2.4G Ant1 + WiFi5G Ant2         |          |          |             |         |        |              |          |          |             |         |                          |                         |
|--------------------------------------------------------------|----------|----------|-------------|---------|--------|--------------|----------|----------|-------------|---------|--------------------------|-------------------------|
| Configure                                                    | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                                              | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Inter-band                                                   | Band 2   | 20M      | 1900        | 19100   | 1      | 99           | Band 5   | 10M      | 874         | 2450    | 14.47                    | 14.45                   |
|                                                              | Band 5   | 10M      | 829         | 20450   | 50     | 0            | Band 2   | 20M      | 1980        | 1100    | 16.45                    | 16.46                   |
|                                                              | Band 2   | 20M      | 1900        | 19100   | 1      | 99           | Band 12  | 10M      | 741         | 5130    | 14.47                    | 14.45                   |
|                                                              | Band 2   | 20M      | 1900        | 19100   | 1      | 99           | Band 17  | 10M      | 741         | 5800    | 14.47                    | 14.45                   |
|                                                              | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 17.31                    | 17.35                   |
|                                                              | Band 5   | 10M      | 829         | 20450   | 50     | 0            | Band 4   | 20M      | 2120        | 2050    | 16.45                    | 16.46                   |
|                                                              | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 17.31                    | 17.35                   |
|                                                              | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 17.31                    | 17.35                   |
|                                                              | Band 5   | 10M      | 829         | 20450   | 50     | 0            | Band 7   | 20M      | 2630        | 2850    | 16.45                    | 16.46                   |
|                                                              | Band 7   | 20M      | 2510        | 20850   | 100    | 0            | Band 5   | 10M      | 874         | 2450    | 12.30                    | 12.39                   |
|                                                              | Band 7   | 20M      | 2510        | 20850   | 100    | 0            | Band 12  | 10M      | 741         | 5130    | 12.30                    | 12.39                   |
| Receiver on(Right head) + WiFi2.4G Ant1 + WiFi5G Ant2        |          |          |             |         |        |              |          |          |             |         |                          |                         |
| Configure                                                    | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                                              | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Inter-band                                                   | Band 2   | 20M      | 1860        | 18700   | 1      | 50           | Band 5   | 10M      | 874         | 2450    | 12.54                    | 12.58                   |
|                                                              | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 2   | 20M      | 700         | 1940    | 16.51                    | 16.49                   |
|                                                              | Band 2   | 20M      | 1860        | 18700   | 1      | 50           | Band 12  | 10M      | 741         | 5130    | 12.54                    | 12.58                   |
|                                                              | Band 2   | 20M      | 1860        | 18700   | 1      | 50           | Band 17  | 10M      | 741         | 5800    | 12.54                    | 12.58                   |
|                                                              | Band 4   | 20M      | 1720        | 20050   | 1      | 50           | Band 5   | 10M      | 874         | 2450    | 14.92                    | 14.98                   |
|                                                              | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 4   | 20M      | 2120        | 2050    | 16.51                    | 16.49                   |
|                                                              | Band 4   | 20M      | 1720        | 20050   | 1      | 50           | Band 12  | 10M      | 741         | 5130    | 14.92                    | 14.98                   |
|                                                              | Band 4   | 20M      | 1720        | 20050   | 1      | 50           | Band 17  | 10M      | 741         | 5800    | 14.92                    | 14.98                   |
|                                                              | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 7   | 20M      | 2680        | 3350    | 16.51                    | 16.49                   |
|                                                              | Band 7   | 20M      | 2560        | 21350   | 1      | 50           | Band 5   | 10M      | 874         | 2450    | 11.65                    | 11.62                   |
|                                                              | Band 7   | 20M      | 2560        | 21350   | 1      | 50           | Band 12  | 10M      | 741         | 5130    | 11.65                    | 11.62                   |
| Receiver off ( body or limbs ) + WiFi2.4G Ant1 + WiFi5G Ant2 |          |          |             |         |        |              |          |          |             |         |                          |                         |
| Configure                                                    | PCC      |          |             |         |        |              | SCC      |          |             |         | Power                    |                         |
|                                                              | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Inter-band                                                   | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 15.78                    | 15.8                    |
|                                                              | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 2   | 20M      | 700         | 1940    | 18.48                    | 18.52                   |
|                                                              | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 15.78                    | 15.8                    |
|                                                              | Band 2   | 20M      | 1860        | 18700   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 15.78                    | 15.8                    |
|                                                              | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 16.36                    | 16.4                    |
|                                                              | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 4   | 20M      | 2120        | 2050    | 18.48                    | 18.52                   |
|                                                              | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 16.36                    | 16.4                    |
|                                                              | Band 4   | 20M      | 1720        | 20050   | 1      | 0            | Band 17  | 10M      | 741         | 5800    | 16.36                    | 16.4                    |
|                                                              | Band 5   | 10M      | 829         | 20450   | 1      | 0            | Band 7   | 20M      | 2850        | 2630    | 18.48                    | 18.52                   |
|                                                              | Band 7   | 20M      | 2510        | 20850   | 1      | 0            | Band 5   | 10M      | 874         | 2450    | 13.09                    | 12.99                   |
|                                                              | Band 7   | 20M      | 2510        | 20850   | 1      | 0            | Band 12  | 10M      | 741         | 5130    | 13.09                    | 12.99                   |

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## 3CC-ANT1

| Full Power ANT1         |            |          |          |             |         |        |              |          |          |             |         |          |          |             |         |                          |                         |
|-------------------------|------------|----------|----------|-------------|---------|--------|--------------|----------|----------|-------------|---------|----------|----------|-------------|---------|--------------------------|-------------------------|
| Configure               |            | PCC      |          |             |         |        |              | SCC1     |          |             |         | SCC2     |          |             |         | Power                    |                         |
|                         |            | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Intra-Band              | Contiguous | Band 41  | 20M      | 2600        | 40690   | 1      | 99           | Band 41  | 20M      | 2619.8      | 40888   | Band 41  | 20M      | 2580.2      | 40492   | 23.32                    | 23.41                   |
| Receiver on(Head Scene) |            |          |          |             |         |        |              |          |          |             |         |          |          |             |         |                          |                         |
| Configure               |            | PCC      |          |             |         |        |              | SCC1     |          |             |         | SCC2     |          |             |         | Power                    |                         |
|                         |            | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Intra-Band              | Contiguous | Band 41  | 20M      |             |         |        |              | Band 41  | 20M      |             |         | Band 41  | 20M      |             |         |                          |                         |
| Hotspot 2.4G            |            |          |          |             |         |        |              |          |          |             |         |          |          |             |         |                          |                         |
| Configure               |            | PCC      |          |             |         |        |              | SCC1     |          |             |         | SCC2     |          |             |         | Power                    |                         |
|                         |            | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Intra-Band              | Contiguous | Band 41  | 20M      | 2600        | 40690   | 1      | 0            | Band 41  | 20M      | 2619.8      | 40888   | Band 41  | 20M      | 2580.2      | 40492   | 21.43                    | 21.52                   |

## 3CC-ANT2

| Full Power ANT2                               |            |          |          |             |         |        |              |          |          |             |         |          |          |             |         |                     |                         |
|-----------------------------------------------|------------|----------|----------|-------------|---------|--------|--------------|----------|----------|-------------|---------|----------|----------|-------------|---------|---------------------|-------------------------|
| Configure                                     |            | PCC      |          |             |         |        | SCC1         |          |          |             | SCC2    |          |          |             | Power   |                     |                         |
|                                               |            | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power | LTE Rel 8 Tx.Power(dBm) |
| Intra-Band                                    | Contiguous | Band 41  | 20M      | 2600        | 40690   | 1      | 0            | Band 41  | 20M      | 2619.8      | 40888   | Band 41  | 20M      | 2580.2      | 40492   | 23.32               | 23.4                    |
| Receiver on(Left head)                        |            |          |          |             |         |        |              |          |          |             |         |          |          |             |         |                     |                         |
| Configure                                     |            | PCC      |          |             |         |        | SCC1         |          |          |             | SCC2    |          |          |             | Power   |                     |                         |
|                                               |            | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power | LTE Rel 8 Tx.Power(dBm) |
| Intra-Band                                    | Contiguous | Band 41  | 20M      | 2600        | 40690   | 1      | 0            | Band 41  | 20M      | 2619.8      | 40888   | Band 41  | 20M      | 2580.2      | 40492   | 16.63               | 16.68                   |
| Receiver on(Right head)                       |            |          |          |             |         |        |              |          |          |             |         |          |          |             |         |                     |                         |
| Configure                                     |            | PCC      |          |             |         |        | SCC1         |          |          |             | SCC2    |          |          |             | Power   |                     |                         |
|                                               |            | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power | LTE Rel 8 Tx.Power(dBm) |
| Intra-Band                                    | Contiguous | Band 41  | 20M      | 2600        | 40690   | 1      | 0            | Band 41  | 20M      | 2619.8      | 40888   | Band 41  | 20M      | 2580.2      | 40492   | 16.23               | 16.31                   |
| Receiver off ( body or limbs )                |            |          |          |             |         |        |              |          |          |             |         |          |          |             |         |                     |                         |
| Configure                                     |            | PCC      |          |             |         |        | SCC1         |          |          |             | SCC2    |          |          |             | Power   |                     |                         |
|                                               |            | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power | LTE Rel 8 Tx.Power(dBm) |
| Intra-Band                                    | Contiguous | Band 41  | 20M      | 2600        | 40690   | 1      | 99           | Band 41  | 20M      | 2619.8      | 40888   | Band 41  | 20M      | 2580.2      | 40492   | 19.38               | 19.44                   |
| Receiver off ( body or limbs ) + hotspot 2.4G |            |          |          |             |         |        |              |          |          |             |         |          |          |             |         |                     |                         |
| Configure                                     |            | PCC      |          |             |         |        | SCC1         |          |          |             | SCC2    |          |          |             | Power   |                     |                         |
|                                               |            | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power | LTE Rel 8 Tx.Power(dBm) |
| Intra-Band                                    | Contiguous | Band 41  | 20M      | 2645        | 41140   | 1      | 0            | Band 41  | 20M      | 2625.2      | 40942   | Band 41  | 20M      | 2605.4      | 40744   | 16.34               | 16.4                    |
| Receiver off ( body or limbs ) + hotspot 5G   |            |          |          |             |         |        |              |          |          |             |         |          |          |             |         |                     |                         |
| Configure                                     |            | PCC      |          |             |         |        | SCC1         |          |          |             | SCC2    |          |          |             | Power   |                     |                         |
|                                               |            | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power | LTE Rel 8 Tx.Power(dBm) |
| Intra-Band                                    | Contiguous | Band 41  | 20M      | 2645        | 41140   | 1      | 0            | Band 41  | 20M      | 2625.2      | 40942   | Band 41  | 20M      | 2605.4      | 40744   | 14.4                | 14.42                   |

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| Receiver on(Left head) + hotspot 2.4G           |            |          |          |             |         |        |              |          |          |             |         |          |          |             |         |                          |                         |
|-------------------------------------------------|------------|----------|----------|-------------|---------|--------|--------------|----------|----------|-------------|---------|----------|----------|-------------|---------|--------------------------|-------------------------|
| Configure                                       |            | PCC      |          |             |         |        |              | SCC1     |          |             |         | SCC2     |          |             |         | Power                    |                         |
|                                                 |            | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Intra-Band                                      | Contiguous | Band 41  | 20M      | 2600        | 41140   | 1      | 99           | Band 41  | 20M      | 2625.2      | 40942   | Band 41  | 20M      | 2605.4      | 40744   | 13.59                    | 13.63                   |
| Receiver on(Right head) + hotspot 2.4G          |            |          |          |             |         |        |              |          |          |             |         |          |          |             |         |                          |                         |
| Configure                                       |            | PCC      |          |             |         |        |              | SCC1     |          |             |         | SCC2     |          |             |         | Power                    |                         |
|                                                 |            | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Intra-Band                                      | Contiguous | Band 41  | 20M      | 2600        | 41140   | 1      | 50           | Band 41  | 20M      | 2625.2      | 40942   | Band 41  | 20M      | 2605.4      | 40744   | 13.2                     | 13.24                   |
| Receiver on(Left head) + hotspot 5G             |            |          |          |             |         |        |              |          |          |             |         |          |          |             |         |                          |                         |
| Configure                                       |            | PCC      |          |             |         |        |              | SCC1     |          |             |         | SCC2     |          |             |         | Power                    |                         |
|                                                 |            | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Intra-Band                                      | Contiguous | Band 41  | 20M      | 2600        | 41140   | 1      | 99           | Band 41  | 20M      | 2625.2      | 40942   | Band 41  | 20M      | 2605.4      | 40744   | 11.49                    | 11.58                   |
| Receiver on(Right head) + hotspot 5G            |            |          |          |             |         |        |              |          |          |             |         |          |          |             |         |                          |                         |
| Configure                                       |            | PCC      |          |             |         |        |              | SCC1     |          |             |         | SCC2     |          |             |         | Power                    |                         |
|                                                 |            | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Intra-Band                                      | Contiguous | Band 41  | 20M      | 2600        | 41140   | 1      | 50           | Band 41  | 20M      | 2625.2      | 40942   | Band 41  | 20M      | 2605.4      | 40744   | 11.09                    | 11.13                   |
| Receiver on(Left head) + BT                     |            |          |          |             |         |        |              |          |          |             |         |          |          |             |         |                          |                         |
| Configure                                       |            | PCC      |          |             |         |        |              | SCC1     |          |             |         | SCC2     |          |             |         | Power                    |                         |
|                                                 |            | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Intra-Band                                      | Contiguous | Band 41  | 20M      | 2600        | 41140   | 1      | 50           | Band 41  | 20M      | 2625.2      | 40942   | Band 41  | 20M      | 2605.4      | 40744   | 14.6                     | 14.63                   |
| Receiver on(Right head) + BT                    |            |          |          |             |         |        |              |          |          |             |         |          |          |             |         |                          |                         |
| Configure                                       |            | PCC      |          |             |         |        |              | SCC1     |          |             |         | SCC2     |          |             |         | Power                    |                         |
|                                                 |            | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Intra-Band                                      | Contiguous | Band 41  | 20M      | 2600        | 41140   | 1      | 50           | Band 41  | 20M      | 2625.2      | 40942   | Band 41  | 20M      | 2605.4      | 40744   | 14.35                    | 14.42                   |
| Receiver off ( body or limbs ) + BT             |            |          |          |             |         |        |              |          |          |             |         |          |          |             |         |                          |                         |
| Configure                                       |            | PCC      |          |             |         |        |              | SCC1     |          |             |         | SCC2     |          |             |         | Power                    |                         |
|                                                 |            | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Intra-Band                                      | Contiguous | Band 41  | 20M      | 2600        | 41140   | 1      | 99           | Band 41  | 20M      | 2625.2      | 40942   | Band 41  | 20M      | 2605.4      | 40744   | 17.22                    | 17.18                   |
| Receiver on(Left head) + WiFi2.4G Ant1          |            |          |          |             |         |        |              |          |          |             |         |          |          |             |         |                          |                         |
| Configure                                       |            | PCC      |          |             |         |        |              | SCC1     |          |             |         | SCC2     |          |             |         | Power                    |                         |
|                                                 |            | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Intra-Band                                      | Contiguous | Band 41  | 20M      | 2600        | 41140   | 1      | 50           | Band 41  | 20M      | 2625.2      | 40942   | Band 41  | 20M      | 2605.4      | 40744   | 13.69                    | 13.72                   |
| Receiver on(Right head) + WiFi2.4G Ant1         |            |          |          |             |         |        |              |          |          |             |         |          |          |             |         |                          |                         |
| Configure                                       |            | PCC      |          |             |         |        |              | SCC1     |          |             |         | SCC2     |          |             |         | Power                    |                         |
|                                                 |            | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Intra-Band                                      | Contiguous | Band 41  | 20M      | 2600        | 40690   | 1      | 50           | Band 41  | 20M      | 2619.8      | 40888   | Band 41  | 20M      | 2580.2      | 40492   | 13.32                    | 13.34                   |
| Receiver off ( body or limbs ) + WiFi2.4G Ant1  |            |          |          |             |         |        |              |          |          |             |         |          |          |             |         |                          |                         |
| Configure                                       |            | PCC      |          |             |         |        |              | SCC1     |          |             |         | SCC2     |          |             |         | Power                    |                         |
|                                                 |            | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Intra-Band                                      | Contiguous | Band 41  | 20M      | 2600        | 41140   | 1      | 99           | Band 41  | 20M      | 2625.2      | 40942   | Band 41  | 20M      | 2605.4      | 40744   | 16.09                    | 16.13                   |
| Receiver on(Left head) + WiFi5G Ant1/Ant2/MIMO  |            |          |          |             |         |        |              |          |          |             |         |          |          |             |         |                          |                         |
| Configure                                       |            | PCC      |          |             |         |        |              | SCC1     |          |             |         | SCC2     |          |             |         | Power                    |                         |
|                                                 |            | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Intra-Band                                      | Contiguous | Band 41  | 20M      | 2600        | 41140   | 1      | 50           | Band 41  | 20M      | 2625.2      | 40942   | Band 41  | 20M      | 2605.4      | 40744   | 11.63                    | 11.66                   |
| Receiver on(Right head) + WiFi5G Ant1/Ant2/MIMO |            |          |          |             |         |        |              |          |          |             |         |          |          |             |         |                          |                         |
| Configure                                       |            | PCC      |          |             |         |        |              | SCC1     |          |             |         | SCC2     |          |             |         | Power                    |                         |
|                                                 |            | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Intra-Band                                      | Contiguous | Band 41  | 20M      | 2600        | 40690   | 1      | 50           | Band 41  | 20M      | 2619.8      | 40888   | Band 41  | 20M      | 2580.2      | 40492   | 11.13                    | 11.1                    |

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| Receiver off ( body or limbs ) + WiFi5G Ant1/Ant2/MIMO       |            |          |          |             |         |        |              |          |          |             |         |          |          |             |         |                          |                         |
|--------------------------------------------------------------|------------|----------|----------|-------------|---------|--------|--------------|----------|----------|-------------|---------|----------|----------|-------------|---------|--------------------------|-------------------------|
| Configure                                                    |            | PCC      |          |             |         |        |              | SCC1     |          |             |         | SCC2     |          |             |         | Power                    |                         |
|                                                              |            | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Intra-Band                                                   | Contiguous | Band 41  | 20M      | 2800        | 41140   | 1      | 50           | Band 41  | 20M      | 2825.2      | 40942   | Band 41  | 20M      | 2805.4      | 40744   | 14.26                    | 14.24                   |
| Receiver on(Left head) + BT + WiFi5G Ant1/Ant2/MIMO          |            |          |          |             |         |        |              |          |          |             |         |          |          |             |         |                          |                         |
| Configure                                                    |            | PCC      |          |             |         |        |              | SCC1     |          |             |         | SCC2     |          |             |         | Power                    |                         |
|                                                              |            | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Intra-Band                                                   | Contiguous | Band 41  | 20M      | 2800        | 41140   | 1      | 50           | Band 41  | 20M      | 2825.2      | 40942   | Band 41  | 20M      | 2805.4      | 40744   | 11.63                    | 11.66                   |
| Receiver on(Right head) + BT + WiFi5G Ant1/Ant2/MIMO         |            |          |          |             |         |        |              |          |          |             |         |          |          |             |         |                          |                         |
| Configure                                                    |            | PCC      |          |             |         |        |              | SCC1     |          |             |         | SCC2     |          |             |         | Power                    |                         |
|                                                              |            | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Intra-Band                                                   | Contiguous | Band 41  | 20M      | 2800        | 40690   | 1      | 50           | Band 41  | 20M      | 2819.8      | 40888   | Band 41  | 20M      | 2580.2      | 40492   | 11.13                    | 11.1                    |
| Receiver off ( body or limbs ) + BT + WiFi5G Ant1/Ant2/MIMO  |            |          |          |             |         |        |              |          |          |             |         |          |          |             |         |                          |                         |
| Configure                                                    |            | PCC      |          |             |         |        |              | SCC1     |          |             |         | SCC2     |          |             |         | Power                    |                         |
|                                                              |            | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Intra-Band                                                   | Contiguous | Band 41  | 20M      | 2800        | 41140   | 1      | 50           | Band 41  | 20M      | 2825.2      | 40942   | Band 41  | 20M      | 2805.4      | 40744   | 14.26                    | 14.24                   |
| Receiver on(Left head) + WiFi2.4G Ant1 + WiFi5G Ant2         |            |          |          |             |         |        |              |          |          |             |         |          |          |             |         |                          |                         |
| Configure                                                    |            | PCC      |          |             |         |        |              | SCC1     |          |             |         | SCC2     |          |             |         | Power                    |                         |
|                                                              |            | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Intra-Band                                                   | Contiguous | Band 41  | 20M      | 2800        | 41140   | 1      | 50           | Band 41  | 20M      | 2825.2      | 40942   | Band 41  | 20M      | 2805.4      | 40744   | 11.63                    | 11.66                   |
| Receiver on(Right head) + WiFi2.4G Ant1 + WiFi5G Ant2        |            |          |          |             |         |        |              |          |          |             |         |          |          |             |         |                          |                         |
| Configure                                                    |            | PCC      |          |             |         |        |              | SCC1     |          |             |         | SCC2     |          |             |         | Power                    |                         |
|                                                              |            | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Intra-Band                                                   | Contiguous | Band 41  | 20M      | 2800        | 40690   | 1      | 50           | Band 41  | 20M      | 2819.8      | 40888   | Band 41  | 20M      | 2580.2      | 40492   | 11.13                    | 11.1                    |
| Receiver off ( body or limbs ) + WiFi2.4G Ant1 + WiFi5G Ant2 |            |          |          |             |         |        |              |          |          |             |         |          |          |             |         |                          |                         |
| Configure                                                    |            | PCC      |          |             |         |        |              | SCC1     |          |             |         | SCC2     |          |             |         | Power                    |                         |
|                                                              |            | LTE Band | BW (MHz) | Freq. (MHz) | Channel | UL# RB | UL RB Offset | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Band | BW (MHz) | Freq. (MHz) | Channel | LTE Rel 10 Tx.Power(dBm) | LTE Rel 8 Tx.Power(dBm) |
| Intra-Band                                                   | Contiguous | Band 41  | 20M      | 2800        | 41140   | 1      | 50           | Band 41  | 20M      | 2825.2      | 40942   | Band 41  | 20M      | 2805.4      | 40744   | 14.26                    | 14.24                   |

Note: Testing is not required in bands or modes not intended/allowed for US operation.

According to KDB 941225 D05A, the downlink LTE CA SAR test is not required and PAG requirements can be excluded.

## 8.1.4 Conducted Power of WIFI and BT

| WIFI2.4GHz Full Power |         |         |                |                 |         |                     |          |
|-----------------------|---------|---------|----------------|-----------------|---------|---------------------|----------|
| Mode                  | Antenna | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
| 802.11b               | Ant1    | 1       | 2412           | 1               | 16.5    | 15.05               | No       |
|                       |         | 6       | 2437           |                 | 17.5    | 16.37               | No       |
|                       |         | 11      | 2462           |                 | 17.5    | 16.24               | No       |
|                       | Ant2    | 1       | 2412           |                 | 15      | 13.70               | No       |
|                       |         | 6       | 2437           |                 | 15      | 13.90               | No       |
|                       |         | 11      | 2462           |                 | 15      | 13.83               | No       |
| 802.11b               | Ant1    | 1       | 2412           | 11              | 17      | 15.19               | Yes      |
|                       |         | 6       | 2437           |                 | 18      | 16.22               | Yes      |
|                       |         | 11      | 2462           |                 | 18      | 16.28               | Yes      |
|                       | Ant2    | 1       | 2412           |                 | 15.5    | 13.65               | Yes      |
|                       |         | 6       | 2437           |                 | 15.5    | 13.99               | Yes      |
|                       |         | 11      | 2462           |                 | 15.5    | 13.76               | Yes      |
| 802.11g               | Ant1    | 1       | 2412           | 6               | 14.5    | 13.26               | No       |
|                       |         | 6       | 2437           |                 | 15.5    | 14.12               | No       |
|                       |         | 11      | 2462           |                 | 15.5    | 14.10               | No       |
|                       | Ant2    | 1       | 2412           |                 | 13      | 11.13               | No       |
|                       |         | 6       | 2437           |                 | 13      | 11.34               | No       |
|                       |         | 11      | 2462           |                 | 13      | 11.28               | No       |
| 802.11n<br>HT20 SISO  | Ant1    | 1       | 2412           | 6.5             | 13.5    | 12.16               | No       |
|                       |         | 6       | 2437           |                 | 14.5    | 13.23               | No       |
|                       |         | 11      | 2462           |                 | 14.5    | 12.90               | No       |
|                       | Ant2    | 1       | 2412           |                 | 12      | 10.20               | No       |
|                       |         | 6       | 2437           |                 | 12      | 10.41               | No       |
|                       |         | 11      | 2462           |                 | 12      | 10.18               | No       |

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| WIFI2.4GHz receiver on ( Left or Right Head ) --Wifi only |         |         |                |                 |         |                     |          |
|-----------------------------------------------------------|---------|---------|----------------|-----------------|---------|---------------------|----------|
| Mode                                                      | Antenna | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
| 802.11b                                                   | Ant1    | 1       | 2412           | 1               | 12.5    | 11.78               | Yes      |
|                                                           |         | 6       | 2437           |                 | 13.5    | 12.84               | Yes      |
|                                                           |         | 11      | 2462           |                 | 13.5    | 12.65               | Yes      |
|                                                           | Ant2    | 1       | 2412           |                 | 15      | 13.65               | No       |
|                                                           |         | 6       | 2437           |                 | 15      | 13.88               | No       |
|                                                           |         | 11      | 2462           |                 | 15      | 13.75               | No       |
| 802.11b                                                   | Ant1    | 1       | 2412           | 11              | 12.5    | 11.51               | No       |
|                                                           |         | 6       | 2437           |                 | 13.5    | 12.21               | No       |
|                                                           |         | 11      | 2462           |                 | 13.5    | 12.18               | No       |
|                                                           | Ant2    | 1       | 2412           |                 | 15.5    | 13.66               | Yes      |
|                                                           |         | 6       | 2437           |                 | 15.5    | 13.72               | Yes      |
|                                                           |         | 11      | 2462           |                 | 15.5    | 13.57               | Yes      |
| 802.11g                                                   | Ant1    | 1       | 2412           | 6               | 12.5    | 11.53               | No       |
|                                                           |         | 6       | 2437           |                 | 13.5    | 12.18               | No       |
|                                                           |         | 11      | 2462           |                 | 13.5    | 12.10               | No       |
|                                                           | Ant2    | 1       | 2412           |                 | 13      | 11.06               | No       |
|                                                           |         | 6       | 2437           |                 | 13      | 11.31               | No       |
|                                                           |         | 11      | 2462           |                 | 13      | 10.95               | No       |
| 802.11n<br>HT20<br>SISO                                   | Ant1    | 1       | 2412           | 6.5             | 12.5    | 11.43               | No       |
|                                                           |         | 6       | 2437           |                 | 13.5    | 12.17               | No       |
|                                                           |         | 11      | 2462           |                 | 13.5    | 12.14               | No       |
|                                                           | Ant2    | 1       | 2412           |                 | 12      | 10.04               | No       |
|                                                           |         | 6       | 2437           |                 | 12      | 10.25               | No       |
|                                                           |         | 11      | 2462           |                 | 12      | 10.09               | No       |

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| WIFI5GHz Ant1 Full Power |          |         |                |                 |         |                     |          |
|--------------------------|----------|---------|----------------|-----------------|---------|---------------------|----------|
| 5GHz                     | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
| 802.11a                  | U-NII-1  | 36      | 5180           | 6               | 14      | 13.12               | No       |
|                          |          | 40      | 5200           |                 | 16.5    | 15.83               | No       |
|                          |          | 44      | 5220           |                 | 16.5    | 15.77               | No       |
|                          |          | 48      | 5240           |                 | 16.5    | 15.82               | No       |
|                          | U-NII-2A | 52      | 5260           |                 | 16.5    | 15.85               | Yes      |
|                          |          | 56      | 5280           |                 | 16.5    | 15.86               | Yes      |
|                          |          | 60      | 5300           |                 | 16.5    | 15.80               | No       |
|                          |          | 64      | 5320           |                 | 14      | 13.14               | Yes      |
|                          | U-NII-2C | 100     | 5500           |                 | 14      | 12.67               | Yes      |
|                          |          | 104     | 5520           |                 | 16.5    | 15.48               | Yes      |
|                          |          | 108     | 5540           |                 | 16.5    | 15.40               | No       |
|                          |          | 112     | 5560           |                 | 16.5    | 15.37               | No       |
|                          |          | 116     | 5580           |                 | 16.5    | 15.51               | Yes      |
|                          |          | 120     | 5600           |                 | 16.5    | 15.38               | No       |
|                          |          | 124     | 5620           |                 | 16.5    | 15.35               | No       |
|                          |          | 128     | 5640           |                 | 16.5    | 15.38               | No       |
|                          |          | 132     | 5660           |                 | 16.5    | 15.50               | No       |
|                          |          | 136     | 5680           |                 | 16.5    | 15.47               | Yes      |
|                          |          | 140     | 5700           |                 | 14      | 13.18               | No       |
|                          |          | 144     | 5720           |                 | 14      | 13.09               | Yes      |
|                          | U-NII-3  | 149     | 5745           |                 | 16.5    | 15.12               | Yes      |
|                          |          | 153     | 5765           |                 | 16.5    | 15.19               | No       |
|                          |          | 157     | 5785           |                 | 16.5    | 15.21               | Yes      |
|                          |          | 161     | 5805           |                 | 16.5    | 14.93               | No       |
|                          |          | 165     | 5825           |                 | 16      | 14.87               | Yes      |

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| 5GHz         | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
|--------------|----------|---------|----------------|-----------------|---------|---------------------|----------|
| 802.11n-HT20 | U-NII-1  | 36      | 5180           | MCS0            | 14      | 13.03               | No       |
|              |          | 40      | 5200           |                 | 16.5    | 15.37               | No       |
|              |          | 44      | 5220           |                 | 16.5    | 15.38               | No       |
|              |          | 48      | 5240           |                 | 16.5    | 15.38               | No       |
|              | U-NII-2A | 52      | 5260           |                 | 16.5    | 15.35               | No       |
|              |          | 56      | 5280           |                 | 16.5    | 15.41               | No       |
|              |          | 60      | 5300           |                 | 16.5    | 15.42               | No       |
|              |          | 64      | 5320           |                 | 14      | 13.05               | No       |
|              | U-NII-2C | 100     | 5500           |                 | 14      | 12.67               | No       |
|              |          | 104     | 5520           |                 | 16.5    | 15.04               | No       |
|              |          | 108     | 5540           |                 | 16.5    | 15.12               | No       |
|              |          | 112     | 5560           |                 | 16.5    | 14.97               | No       |
|              |          | 116     | 5580           |                 | 16.5    | 15.01               | No       |
|              |          | 120     | 5600           |                 | 16.5    | 15.15               | No       |
|              |          | 124     | 5620           |                 | 16.5    | 15.10               | No       |
|              |          | 128     | 5640           |                 | 16.5    | 15.26               | No       |
|              |          | 132     | 5660           |                 | 16.5    | 15.19               | No       |
|              |          | 136     | 5680           |                 | 16.5    | 15.14               | No       |
|              |          | 140     | 5700           |                 | 14      | 12.75               | No       |
|              |          | 144     | 5720           |                 | 14      | 12.61               | No       |
|              | U-NII-3  | 149     | 5745           |                 | 16.5    | 14.71               | No       |
|              |          | 153     | 5765           |                 | 16.5    | 14.62               | No       |
|              |          | 157     | 5785           |                 | 16.5    | 14.59               | No       |
|              |          | 161     | 5805           |                 | 16.5    | 14.55               | No       |
|              |          | 165     | 5825           |                 | 15.5    | 14.53               | No       |
| 5GHz         | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
| 802.11n-HT40 | U-NII-1  | 38      | 5190           | MCS0            | 11.5    | 10.56               | No       |
|              |          | 46      | 5230           |                 | 14.5    | 13.27               | No       |
|              | U-NII-2A | 54      | 5270           |                 | 14.5    | 13.44               | No       |
|              |          | 62      | 5310           |                 | 11      | 10.72               | No       |
|              | U-NII-2C | 102     | 5510           |                 | 11.5    | 10.30               | No       |
|              |          | 110     | 5550           |                 | 14.5    | 13.07               | No       |
|              |          | 118     | 5590           |                 | 14.5    | 13.05               | No       |
|              |          | 126     | 5630           |                 | 14.5    | 13.07               | No       |
|              |          | 134     | 5670           |                 | 14.5    | 13.21               | No       |
|              |          | 142     | 5710           |                 | 11.5    | 10.27               | No       |
|              | U-NII-3  | 151     | 5755           |                 | 14.5    | 13.10               | No       |
|              |          | 159     | 5795           |                 | 13.5    | 13.00               | No       |

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| 5GHz            | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
|-----------------|----------|---------|----------------|-----------------|---------|---------------------|----------|
| 802.11ac<br>20M | U-NII-1  | 36      | 5180           | MCS0            | 14      | 13.07               | No       |
|                 |          | 40      | 5200           |                 | 16.5    | 15.27               | No       |
|                 |          | 44      | 5220           |                 | 16.5    | 15.24               | No       |
|                 |          | 48      | 5240           |                 | 16.5    | 15.37               | No       |
|                 | U-NII-2A | 52      | 5260           |                 | 16.5    | 15.36               | No       |
|                 |          | 56      | 5280           |                 | 16.5    | 15.30               | No       |
|                 |          | 60      | 5300           |                 | 16.5    | 15.41               | No       |
|                 |          | 64      | 5320           |                 | 13.5    | 13.11               | No       |
|                 | U-NII-2C | 100     | 5500           |                 | 14      | 12.78               | No       |
|                 |          | 104     | 5520           |                 | 16.5    | 14.95               | No       |
|                 |          | 108     | 5540           |                 | 16.5    | 14.90               | No       |
|                 |          | 112     | 5560           |                 | 16.5    | 14.95               | No       |
|                 |          | 116     | 5580           |                 | 16.5    | 15.01               | No       |
|                 |          | 120     | 5600           |                 | 16.5    | 15.10               | No       |
|                 |          | 124     | 5620           |                 | 16.5    | 15.01               | No       |
|                 |          | 128     | 5640           |                 | 16.5    | 15.22               | No       |
|                 |          | 132     | 5660           |                 | 16.5    | 15.15               | No       |
|                 |          | 136     | 5680           |                 | 16.5    | 15.25               | No       |
|                 |          | 140     | 5700           |                 | 14      | 12.83               | No       |
|                 |          | 144     | 5720           |                 | 14      | 12.62               | No       |
|                 | U-NII-3  | 149     | 5745           |                 | 16.5    | 14.80               | No       |
|                 |          | 153     | 5765           |                 | 16.5    | 14.62               | No       |
|                 |          | 157     | 5785           |                 | 16.5    | 14.60               | No       |
|                 |          | 161     | 5805           |                 | 16.5    | 14.64               | No       |
|                 |          | 165     | 5825           |                 | 15.5    | 14.62               | No       |
| 5GHz            | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
| 802.11ac<br>40M | U-NII-1  | 38      | 5190           | MCS0            | 11.5    | 10.54               | No       |
|                 |          | 46      | 5230           |                 | 14.5    | 13.29               | No       |
|                 | U-NII-2A | 54      | 5270           |                 | 14.5    | 13.53               | No       |
|                 |          | 62      | 5310           |                 | 11.5    | 10.74               | No       |
|                 | U-NII-2C | 102     | 5510           |                 | 11.5    | 10.49               | No       |
|                 |          | 110     | 5550           |                 | 14.5    | 13.04               | No       |
|                 |          | 118     | 5590           |                 | 14.5    | 13.03               | No       |
|                 |          | 126     | 5630           |                 | 14.5    | 13.22               | No       |
|                 |          | 134     | 5670           |                 | 14.5    | 13.21               | No       |
|                 |          | 142     | 5710           |                 | 11.5    | 10.35               | No       |
|                 | U-NII-3  | 151     | 5755           |                 | 14.5    | 13.08               | No       |
|                 |          | 159     | 5795           |                 | 13.5    | 12.97               | No       |

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| 5GHz            | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
|-----------------|----------|---------|----------------|-----------------|---------|---------------------|----------|
| 802.11ac<br>80M | U-NII-1  | 42      | 5210           | MCS0            | 11      | 9.56                | No       |
|                 | U-NII-2A | 58      | 5290           |                 | 11      | 9.59                | No       |
|                 | U-NII-2C | 106     | 5530           |                 | 11      | 9.31                | No       |
|                 | U-NII-3  | 122     | 5610           |                 | 13      | 12.02               | No       |
|                 |          | 138     | 5690           |                 | 11      | 9.26                | No       |
|                 |          | 155     | 5775           |                 | 13      | 12.01               | No       |
|                 |          |         |                |                 |         |                     |          |

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| WIFI5GHz Ant1 receiver on ( Left or Right Head ) --Wifi only |          |         |                |                 |         |                     |          |
|--------------------------------------------------------------|----------|---------|----------------|-----------------|---------|---------------------|----------|
| 5GHz                                                         | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
| 802.11a                                                      | U-NII-1  | 36      | 5180           | 6               | 11.5    | 10.77               | No       |
|                                                              |          | 40      | 5200           |                 | 11.5    | 10.86               | No       |
|                                                              |          | 44      | 5220           |                 | 11.5    | 10.73               | No       |
|                                                              |          | 48      | 5240           |                 | 11.5    | 10.89               | No       |
|                                                              | U-NII-2A | 52      | 5260           |                 | 11.5    | 10.83               | No       |
|                                                              |          | 56      | 5280           |                 | 11.5    | 10.79               | No       |
|                                                              |          | 60      | 5300           |                 | 11.5    | 10.78               | No       |
|                                                              |          | 64      | 5320           |                 | 11.5    | 10.93               | No       |
|                                                              | U-NII-2C | 100     | 5500           |                 | 11.5    | 10.41               | No       |
|                                                              |          | 104     | 5520           |                 | 11.5    | 10.44               | No       |
|                                                              |          | 108     | 5540           |                 | 11.5    | 10.41               | No       |
|                                                              |          | 112     | 5560           |                 | 11.5    | 10.42               | No       |
|                                                              |          | 116     | 5580           |                 | 11.5    | 10.40               | No       |
|                                                              |          | 120     | 5600           |                 | 11.5    | 10.53               | No       |
|                                                              |          | 124     | 5620           |                 | 11.5    | 10.55               | No       |
|                                                              |          | 128     | 5640           |                 | 11.5    | 10.63               | No       |
|                                                              |          | 132     | 5660           |                 | 11.5    | 11.10               | No       |
|                                                              |          | 136     | 5680           |                 | 11.5    | 11.05               | No       |
|                                                              |          | 140     | 5700           |                 | 11.5    | 10.94               | No       |
|                                                              |          | 144     | 5720           |                 | 11.5    | 10.94               | No       |
|                                                              | U-NII-3  | 149     | 5745           |                 | 11.5    | 10.61               | No       |
|                                                              |          | 153     | 5765           |                 | 11.5    | 10.42               | No       |
|                                                              |          | 157     | 5785           |                 | 11.5    | 10.41               | No       |
|                                                              |          | 161     | 5805           |                 | 11.5    | 10.43               | No       |
|                                                              |          | 165     | 5825           |                 | 11      | 10.42               | No       |

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| 5GHz         | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
|--------------|----------|---------|----------------|-----------------|---------|---------------------|----------|
| 802.11n-HT20 | U-NII-1  | 36      | 5180           | MCS0            | 11.5    | 10.89               | No       |
|              |          | 40      | 5200           |                 | 11.5    | 10.78               | No       |
|              |          | 44      | 5220           |                 | 11.5    | 10.77               | No       |
|              |          | 48      | 5240           |                 | 11.5    | 10.81               | No       |
|              | U-NII-2A | 52      | 5260           |                 | 11.5    | 10.80               | No       |
|              |          | 56      | 5280           |                 | 11.5    | 10.78               | No       |
|              |          | 60      | 5300           |                 | 11.5    | 10.70               | No       |
|              |          | 64      | 5320           |                 | 11.5    | 10.80               | No       |
|              | U-NII-2C | 100     | 5500           |                 | 11.5    | 10.42               | No       |
|              |          | 104     | 5520           |                 | 11.5    | 10.35               | No       |
|              |          | 108     | 5540           |                 | 11.5    | 10.34               | No       |
|              |          | 112     | 5560           |                 | 11.5    | 10.39               | No       |
|              |          | 116     | 5580           |                 | 11.5    | 10.39               | No       |
|              |          | 120     | 5600           |                 | 11.5    | 10.36               | No       |
|              |          | 124     | 5620           |                 | 11.5    | 10.33               | No       |
|              |          | 128     | 5640           |                 | 11.5    | 10.46               | No       |
|              |          | 132     | 5660           |                 | 11.5    | 10.47               | No       |
|              |          | 136     | 5680           |                 | 11.5    | 10.44               | No       |
|              |          | 140     | 5700           |                 | 11.5    | 10.57               | No       |
|              |          | 144     | 5720           |                 | 11.5    | 10.38               | No       |
|              | U-NII-3  | 149     | 5745           |                 | 11.5    | 10.06               | No       |
|              |          | 153     | 5765           |                 | 11.5    | 9.95                | No       |
|              |          | 157     | 5785           |                 | 11.5    | 9.85                | No       |
|              |          | 161     | 5805           |                 | 11.5    | 9.88                | No       |
|              |          | 165     | 5825           |                 | 10.5    | 9.92                | No       |
| 5GHz         | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
| 802.11n-HT40 | U-NII-1  | 38      | 5190           | MCS0            | 11.5    | 10.64               | No       |
|              |          | 46      | 5230           |                 | 11.5    | 10.54               | No       |
|              | U-NII-2A | 54      | 5270           |                 | 11.5    | 10.62               | No       |
|              |          | 62      | 5310           |                 | 11      | 10.74               | No       |
|              | U-NII-2C | 102     | 5510           |                 | 11.5    | 10.30               | No       |
|              |          | 110     | 5550           |                 | 11.5    | 10.20               | No       |
|              |          | 118     | 5590           |                 | 11.5    | 10.40               | No       |
|              |          | 126     | 5630           |                 | 11.5    | 10.33               | No       |
|              |          | 134     | 5670           |                 | 11.5    | 10.50               | No       |
|              |          | 142     | 5710           |                 | 11.5    | 10.38               | No       |
|              | U-NII-3  | 151     | 5755           |                 | 11.5    | 10.31               | No       |
|              |          | 159     | 5795           |                 | 10.5    | 10.28               | No       |

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| 5GHz            | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
|-----------------|----------|---------|----------------|-----------------|---------|---------------------|----------|
| 802.11ac<br>20M | U-NII-1  | 36      | 5180           | MCS0            | 11.5    | 10.89               | No       |
|                 |          | 40      | 5200           |                 | 11.5    | 10.76               | No       |
|                 |          | 44      | 5220           |                 | 11.5    | 10.65               | No       |
|                 |          | 48      | 5240           |                 | 11.5    | 10.71               | No       |
|                 | U-NII-2A | 52      | 5260           |                 | 11.5    | 10.69               | No       |
|                 |          | 56      | 5280           |                 | 11.5    | 10.78               | No       |
|                 |          | 60      | 5300           |                 | 11.5    | 10.76               | No       |
|                 |          | 64      | 5320           |                 | 11      | 10.66               | No       |
|                 | U-NII-2C | 100     | 5500           |                 | 11.5    | 10.50               | No       |
|                 |          | 104     | 5520           |                 | 11.5    | 10.38               | No       |
|                 |          | 108     | 5540           |                 | 11.5    | 10.30               | No       |
|                 |          | 112     | 5560           |                 | 11.5    | 10.47               | No       |
|                 |          | 116     | 5580           |                 | 11.5    | 10.44               | No       |
|                 |          | 120     | 5600           |                 | 11.5    | 10.46               | No       |
|                 |          | 124     | 5620           |                 | 11.5    | 10.43               | No       |
|                 |          | 128     | 5640           |                 | 11.5    | 10.48               | No       |
|                 |          | 132     | 5660           |                 | 11.5    | 10.46               | No       |
|                 |          | 136     | 5680           |                 | 11.5    | 10.49               | No       |
|                 |          | 140     | 5700           |                 | 11.5    | 10.44               | No       |
|                 |          | 144     | 5720           |                 | 11.5    | 10.39               | No       |
|                 | U-NII-3  | 149     | 5745           |                 | 11.5    | 10.10               | No       |
|                 |          | 153     | 5765           |                 | 11.5    | 9.98                | No       |
|                 |          | 157     | 5785           |                 | 11.5    | 9.80                | No       |
|                 |          | 161     | 5805           |                 | 11.5    | 9.85                | No       |
|                 |          | 165     | 5825           |                 | 10.5    | 9.82                | No       |
| 5GHz            | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
| 802.11ac<br>40M | U-NII-1  | 38      | 5190           | MCS0            | 11.5    | 10.43               | No       |
|                 |          | 46      | 5230           |                 | 11.5    | 10.64               | No       |
|                 | U-NII-2A | 54      | 5270           |                 | 11.5    | 10.88               | Yes      |
|                 |          | 62      | 5310           |                 | 11.5    | 10.83               | Yes      |
|                 | U-NII-2C | 102     | 5510           |                 | 11.5    | 10.45               | Yes      |
|                 |          | 110     | 5550           |                 | 11.5    | 10.26               | No       |
|                 |          | 118     | 5590           |                 | 11.5    | 10.28               | No       |
|                 |          | 126     | 5630           |                 | 11.5    | 10.33               | No       |
|                 |          | 134     | 5670           |                 | 11.5    | 10.47               | Yes      |
|                 |          | 142     | 5710           |                 | 11.5    | 10.37               | Yes      |
|                 | U-NII-3  | 151     | 5755           |                 | 11.5    | 10.42               | Yes      |
|                 |          | 159     | 5795           |                 | 10.5    | 10.25               | Yes      |

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| 5GHz            | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
|-----------------|----------|---------|----------------|-----------------|---------|---------------------|----------|
| 802.11ac<br>80M | U-NII-1  | 42      | 5210           | MCS0            | 11      | 9.61                | No       |
|                 | U-NII-2A | 58      | 5290           |                 | 11      | 9.71                | No       |
|                 | U-NII-2C | 106     | 5530           |                 | 11      | 9.16                | No       |
|                 | U-NII-3  | 122     | 5610           |                 | 11      | 9.97                | No       |
|                 |          | 138     | 5690           |                 | 11      | 9.36                | No       |
|                 |          | 155     | 5775           |                 | 11      | 9.64                | No       |
|                 |          |         |                |                 |         |                     |          |

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|--------------------------|----------|---------|----------------|-----------------|---------|---------------------|----------|
| 5GHz                     | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
| 802.11a                  | U-NII-1  | 36      | 5180           | 6               | 9       | 8.95                | No       |
|                          |          | 40      | 5200           |                 | 9.5     | 9.20                | No       |
|                          |          | 44      | 5220           |                 | 9.5     | 9.13                | No       |
|                          |          | 48      | 5240           |                 | 9.5     | 9.15                | No       |
|                          | U-NII-2A | 52      | 5260           |                 | 9.5     | 9.19                | Yes      |
|                          |          | 56      | 5280           |                 | 9.5     | 9.25                | Yes      |
|                          |          | 60      | 5300           |                 | 9.5     | 9.17                | No       |
|                          |          | 64      | 5320           |                 | 9.5     | 9.15                | Yes      |
|                          | U-NII-2C | 100     | 5500           |                 | 9.5     | 8.67                | Yes      |
|                          |          | 104     | 5520           |                 | 9.5     | 8.60                | No       |
|                          |          | 108     | 5540           |                 | 9.5     | 8.72                | No       |
|                          |          | 112     | 5560           |                 | 9.5     | 8.75                | No       |
|                          |          | 116     | 5580           |                 | 9.5     | 8.91                | Yes      |
|                          |          | 120     | 5600           |                 | 9.5     | 8.48                | No       |
|                          |          | 124     | 5620           |                 | 9.5     | 8.49                | No       |
|                          |          | 128     | 5640           |                 | 9.5     | 8.45                | No       |
|                          |          | 132     | 5660           |                 | 9.5     | 8.63                | No       |
|                          |          | 136     | 5680           |                 | 9.5     | 8.51                | No       |
|                          |          | 140     | 5700           |                 | 9.5     | 8.42                | No       |
|                          |          | 144     | 5720           |                 | 9.5     | 8.45                | Yes      |
|                          | U-NII-3  | 149     | 5745           |                 | 9.5     | 8.48                | Yes      |
|                          |          | 153     | 5765           |                 | 9.5     | 8.61                | No       |
|                          |          | 157     | 5785           |                 | 9.5     | 8.75                | Yes      |
|                          |          | 161     | 5805           |                 | 9.5     | 8.63                | No       |
|                          |          | 165     | 5825           |                 | 9.5     | 8.71                | Yes      |

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| 5GHz         | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
|--------------|----------|---------|----------------|-----------------|---------|---------------------|----------|
| 802.11n-HT20 | U-NII-1  | 36      | 5180           | MCS0            | 9.5     | 8.32                | No       |
|              |          | 40      | 5200           |                 | 9.5     | 8.63                | No       |
|              |          | 44      | 5220           |                 | 9.5     | 8.52                | No       |
|              |          | 48      | 5240           |                 | 9.5     | 8.66                | No       |
|              | U-NII-2A | 52      | 5260           |                 | 9.5     | 8.72                | No       |
|              |          | 56      | 5280           |                 | 9.5     | 8.91                | No       |
|              |          | 60      | 5300           |                 | 9.5     | 8.70                | No       |
|              |          | 64      | 5320           |                 | 9.5     | 8.81                | No       |
|              | U-NII-2C | 100     | 5500           |                 | 9.5     | 8.14                | No       |
|              |          | 104     | 5520           |                 | 9.5     | 8.17                | No       |
|              |          | 108     | 5540           |                 | 9.5     | 8.34                | No       |
|              |          | 112     | 5560           |                 | 9.5     | 8.37                | No       |
|              |          | 116     | 5580           |                 | 9.5     | 8.50                | No       |
|              |          | 120     | 5600           |                 | 9.5     | 8.41                | No       |
|              |          | 124     | 5620           |                 | 9.5     | 8.24                | No       |
|              |          | 128     | 5640           |                 | 9.5     | 8.33                | No       |
|              |          | 132     | 5660           |                 | 9.5     | 8.18                | No       |
|              |          | 136     | 5680           |                 | 9.5     | 8.05                | No       |
|              |          | 140     | 5700           |                 | 9.5     | 7.93                | No       |
|              |          | 144     | 5720           |                 | 9.5     | 7.95                | No       |
|              | U-NII-3  | 149     | 5745           |                 | 9.5     | 8.18                | No       |
|              |          | 153     | 5765           |                 | 9.5     | 8.20                | No       |
|              |          | 157     | 5785           |                 | 9.5     | 8.15                | No       |
|              |          | 161     | 5805           |                 | 9.5     | 8.22                | No       |
|              |          | 165     | 5825           |                 | 9.5     | 8.08                | No       |
| 5GHz         | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
| 802.11n-HT40 | U-NII-1  | 38      | 5190           | MCS0            | 7.5     | 6.46                | No       |
|              |          | 46      | 5230           |                 | 7.5     | 6.47                | No       |
|              | U-NII-2A | 54      | 5270           |                 | 7.5     | 7.05                | No       |
|              |          | 62      | 5310           |                 | 7.5     | 6.94                | No       |
|              | U-NII-2C | 102     | 5510           |                 | 7.5     | 6.50                | No       |
|              |          | 110     | 5550           |                 | 7.5     | 6.43                | No       |
|              |          | 118     | 5590           |                 | 7.5     | 6.50                | No       |
|              |          | 126     | 5630           |                 | 7.5     | 6.55                | No       |
|              |          | 134     | 5670           |                 | 7.5     | 6.33                | No       |
|              |          | 142     | 5710           |                 | 7.5     | 6.23                | No       |
|              | U-NII-3  | 151     | 5755           |                 | 7.5     | 6.63                | No       |
|              |          | 159     | 5795           |                 | 7.5     | 6.73                | No       |

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| 5GHz            | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
|-----------------|----------|---------|----------------|-----------------|---------|---------------------|----------|
| 802.11ac<br>20M | U-NII-1  | 36      | 5180           | MCS0            | 9.5     | 8.38                | No       |
|                 |          | 40      | 5200           |                 | 9.5     | 8.49                | No       |
|                 |          | 44      | 5220           |                 | 9.5     | 8.57                | No       |
|                 |          | 48      | 5240           |                 | 9.5     | 8.55                | No       |
|                 | U-NII-2A | 52      | 5260           |                 | 9.5     | 8.91                | No       |
|                 |          | 56      | 5280           |                 | 9.5     | 8.86                | No       |
|                 |          | 60      | 5300           |                 | 9.5     | 8.70                | No       |
|                 |          | 64      | 5320           |                 | 9.5     | 8.53                | No       |
|                 | U-NII-2C | 100     | 5500           |                 | 9.5     | 8.20                | No       |
|                 |          | 104     | 5520           |                 | 9.5     | 8.28                | No       |
|                 |          | 108     | 5540           |                 | 9.5     | 8.40                | No       |
|                 |          | 112     | 5560           |                 | 9.5     | 8.33                | No       |
|                 |          | 116     | 5580           |                 | 9.5     | 8.31                | No       |
|                 |          | 120     | 5600           |                 | 9.5     | 8.28                | No       |
|                 |          | 124     | 5620           |                 | 9.5     | 8.35                | No       |
|                 |          | 128     | 5640           |                 | 9.5     | 8.14                | No       |
|                 |          | 132     | 5660           |                 | 9.5     | 8.06                | No       |
|                 |          | 136     | 5680           |                 | 9.5     | 8.13                | No       |
|                 |          | 140     | 5700           |                 | 9.5     | 7.94                | No       |
|                 |          | 144     | 5720           |                 | 9.5     | 7.89                | No       |
|                 | U-NII-3  | 149     | 5745           |                 | 9.5     | 7.84                | No       |
|                 |          | 153     | 5765           |                 | 9.5     | 8.18                | No       |
|                 |          | 157     | 5785           |                 | 9.5     | 8.12                | No       |
|                 |          | 161     | 5805           |                 | 9.5     | 8.14                | No       |
|                 |          | 165     | 5825           |                 | 9.5     | 8.10                | No       |
| 5GHz            | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
| 802.11ac<br>40M | U-NII-1  | 38      | 5190           | MCS0            | 7       | 6.44                | No       |
|                 |          | 46      | 5230           |                 | 7.5     | 6.59                | No       |
|                 | U-NII-2A | 54      | 5270           |                 | 7.5     | 6.93                | No       |
|                 |          | 62      | 5310           |                 | 7.5     | 6.92                | No       |
|                 | U-NII-2C | 102     | 5510           |                 | 7.5     | 6.46                | No       |
|                 |          | 110     | 5550           |                 | 7.5     | 6.62                | No       |
|                 |          | 118     | 5590           |                 | 7.5     | 6.61                | No       |
|                 |          | 126     | 5630           |                 | 7.5     | 6.62                | No       |
|                 |          | 134     | 5670           |                 | 7.5     | 6.33                | No       |
|                 |          | 142     | 5710           |                 | 7.5     | 6.23                | No       |
|                 | U-NII-3  | 151     | 5755           |                 | 7.5     | 6.65                | No       |
|                 |          | 159     | 5795           |                 | 7.5     | 6.75                | No       |

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| 5GHz            | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
|-----------------|----------|---------|----------------|-----------------|---------|---------------------|----------|
| 802.11ac<br>80M | U-NII-1  | 42      | 5210           | MCS0            | 9       | 7.45                | No       |
|                 | U-NII-2A | 58      | 5290           |                 | 9       | 7.80                | No       |
|                 | U-NII-2C | 106     | 5530           |                 | 8.5     | 7.21                | No       |
|                 | U-NII-3  | 122     | 5610           |                 | 6       | 4.79                | No       |
|                 |          | 138     | 5690           |                 | 9       | 6.97                | No       |
|                 |          | 155     | 5775           |                 | 6       | 4.55                | No       |
|                 |          |         |                |                 |         |                     |          |

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|--------------------------------------------------------------|----------|---------|----------------|-----------------|---------|---------------------|----------|
| 5GHz                                                         | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
| 802.11a                                                      | U-NII-1  | 36      | 5180           | 6               | 9       | 8.95                | No       |
|                                                              |          | 40      | 5200           |                 | 9.5     | 9.20                | No       |
|                                                              |          | 44      | 5220           |                 | 9.5     | 9.13                | No       |
|                                                              |          | 48      | 5240           |                 | 9.5     | 9.15                | No       |
|                                                              | U-NII-2A | 52      | 5260           |                 | 9.5     | 9.19                | Yes      |
|                                                              |          | 56      | 5280           |                 | 9.5     | 9.25                | Yes      |
|                                                              |          | 60      | 5300           |                 | 9.5     | 9.17                | No       |
|                                                              |          | 64      | 5320           |                 | 9.5     | 9.15                | Yes      |
|                                                              | U-NII-2C | 100     | 5500           |                 | 9.5     | 8.67                | Yes      |
|                                                              |          | 104     | 5520           |                 | 9.5     | 8.60                | No       |
|                                                              |          | 108     | 5540           |                 | 9.5     | 8.72                | No       |
|                                                              |          | 112     | 5560           |                 | 9.5     | 8.75                | No       |
|                                                              |          | 116     | 5580           |                 | 9.5     | 8.91                | Yes      |
|                                                              |          | 120     | 5600           |                 | 9.5     | 8.48                | No       |
|                                                              |          | 124     | 5620           |                 | 9.5     | 8.49                | No       |
|                                                              |          | 128     | 5640           |                 | 9.5     | 8.45                | No       |
|                                                              |          | 132     | 5660           |                 | 9.5     | 8.63                | No       |
|                                                              |          | 136     | 5680           |                 | 9.5     | 8.51                | No       |
|                                                              |          | 140     | 5700           |                 | 9.5     | 8.42                | No       |
|                                                              |          | 144     | 5720           |                 | 9.5     | 8.45                | Yes      |
|                                                              | U-NII-3  | 149     | 5745           |                 | 9.5     | 8.48                | Yes      |
|                                                              |          | 153     | 5765           |                 | 9.5     | 8.61                | No       |
|                                                              |          | 157     | 5785           |                 | 9.5     | 8.75                | Yes      |
|                                                              |          | 161     | 5805           |                 | 9.5     | 8.63                | No       |
|                                                              |          | 165     | 5825           |                 | 9.5     | 8.71                | Yes      |

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| 5GHz         | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
|--------------|----------|---------|----------------|-----------------|---------|---------------------|----------|
| 802.11n-HT20 | U-NII-1  | 36      | 5180           | MCS0            | 9.5     | 8.32                | No       |
|              |          | 40      | 5200           |                 | 9.5     | 8.63                | No       |
|              |          | 44      | 5220           |                 | 9.5     | 8.52                | No       |
|              |          | 48      | 5240           |                 | 9.5     | 8.66                | No       |
|              | U-NII-2A | 52      | 5260           |                 | 9.5     | 8.72                | No       |
|              |          | 56      | 5280           |                 | 9.5     | 8.91                | No       |
|              |          | 60      | 5300           |                 | 9.5     | 8.70                | No       |
|              |          | 64      | 5320           |                 | 9.5     | 8.81                | No       |
|              | U-NII-2C | 100     | 5500           |                 | 9.5     | 8.14                | No       |
|              |          | 104     | 5520           |                 | 9.5     | 8.17                | No       |
|              |          | 108     | 5540           |                 | 9.5     | 8.34                | No       |
|              |          | 112     | 5560           |                 | 9.5     | 8.37                | No       |
|              |          | 116     | 5580           |                 | 9.5     | 8.50                | No       |
|              |          | 120     | 5600           |                 | 9.5     | 8.41                | No       |
|              |          | 124     | 5620           |                 | 9.5     | 8.24                | No       |
|              |          | 128     | 5640           |                 | 9.5     | 8.33                | No       |
|              |          | 132     | 5660           |                 | 9.5     | 8.18                | No       |
|              |          | 136     | 5680           |                 | 9.5     | 8.05                | No       |
|              |          | 140     | 5700           |                 | 9.5     | 7.93                | No       |
|              |          | 144     | 5720           |                 | 9.5     | 7.95                | No       |
|              | U-NII-3  | 149     | 5745           |                 | 9.5     | 8.18                | No       |
|              |          | 153     | 5765           |                 | 9.5     | 8.20                | No       |
|              |          | 157     | 5785           |                 | 9.5     | 8.15                | No       |
|              |          | 161     | 5805           |                 | 9.5     | 8.22                | No       |
|              |          | 165     | 5825           |                 | 9.5     | 8.08                | No       |
| 5GHz         | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
| 802.11n-HT40 | U-NII-1  | 38      | 5190           | MCS0            | 7.5     | 6.46                | No       |
|              |          | 46      | 5230           |                 | 7.5     | 6.47                | No       |
|              | U-NII-2A | 54      | 5270           |                 | 7.5     | 7.05                | No       |
|              |          | 62      | 5310           |                 | 7.5     | 6.94                | No       |
|              | U-NII-2C | 102     | 5510           |                 | 7.5     | 6.50                | No       |
|              |          | 110     | 5550           |                 | 7.5     | 6.43                | No       |
|              |          | 118     | 5590           |                 | 7.5     | 6.50                | No       |
|              |          | 126     | 5630           |                 | 7.5     | 6.55                | No       |
|              |          | 134     | 5670           |                 | 7.5     | 6.33                | No       |
|              |          | 142     | 5710           |                 | 7.5     | 6.23                | No       |
|              | U-NII-3  | 151     | 5755           |                 | 7.5     | 6.63                | No       |
|              |          | 159     | 5795           |                 | 7.5     | 6.73                | No       |

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| 5GHz            | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
|-----------------|----------|---------|----------------|-----------------|---------|---------------------|----------|
| 802.11ac<br>20M | U-NII-1  | 36      | 5180           | MCS0            | 9.5     | 8.38                | No       |
|                 |          | 40      | 5200           |                 | 9.5     | 8.49                | No       |
|                 |          | 44      | 5220           |                 | 9.5     | 8.57                | No       |
|                 |          | 48      | 5240           |                 | 9.5     | 8.55                | No       |
|                 | U-NII-2A | 52      | 5260           |                 | 9.5     | 8.91                | No       |
|                 |          | 56      | 5280           |                 | 9.5     | 8.86                | No       |
|                 |          | 60      | 5300           |                 | 9.5     | 8.70                | No       |
|                 |          | 64      | 5320           |                 | 9.5     | 8.53                | No       |
|                 | U-NII-2C | 100     | 5500           |                 | 9.5     | 8.20                | No       |
|                 |          | 104     | 5520           |                 | 9.5     | 8.28                | No       |
|                 |          | 108     | 5540           |                 | 9.5     | 8.40                | No       |
|                 |          | 112     | 5560           |                 | 9.5     | 8.33                | No       |
|                 |          | 116     | 5580           |                 | 9.5     | 8.31                | No       |
|                 |          | 120     | 5600           |                 | 9.5     | 8.28                | No       |
|                 |          | 124     | 5620           |                 | 9.5     | 8.35                | No       |
|                 |          | 128     | 5640           |                 | 9.5     | 8.14                | No       |
|                 |          | 132     | 5660           |                 | 9.5     | 8.06                | No       |
|                 |          | 136     | 5680           |                 | 9.5     | 8.13                | No       |
|                 |          | 140     | 5700           |                 | 9.5     | 7.94                | No       |
|                 |          | 144     | 5720           |                 | 9.5     | 7.89                | No       |
|                 | U-NII-3  | 149     | 5745           |                 | 9.5     | 7.84                | No       |
|                 |          | 153     | 5765           |                 | 9.5     | 8.18                | No       |
|                 |          | 157     | 5785           |                 | 9.5     | 8.12                | No       |
|                 |          | 161     | 5805           |                 | 9.5     | 8.14                | No       |
|                 |          | 165     | 5825           |                 | 9.5     | 8.10                | No       |
| 5GHz            | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
| 802.11ac<br>40M | U-NII-1  | 38      | 5190           | MCS0            | 7       | 6.44                | No       |
|                 |          | 46      | 5230           |                 | 7.5     | 6.59                | No       |
|                 | U-NII-2A | 54      | 5270           |                 | 7.5     | 6.93                | No       |
|                 |          | 62      | 5310           |                 | 7.5     | 6.92                | No       |
|                 | U-NII-2C | 102     | 5510           |                 | 7.5     | 6.46                | No       |
|                 |          | 110     | 5550           |                 | 7.5     | 6.62                | No       |
|                 |          | 118     | 5590           |                 | 7.5     | 6.61                | No       |
|                 |          | 126     | 5630           |                 | 7.5     | 6.62                | No       |
|                 |          | 134     | 5670           |                 | 7.5     | 6.33                | No       |
|                 |          | 142     | 5710           |                 | 7.5     | 6.23                | No       |
|                 | U-NII-3  | 151     | 5755           |                 | 7.5     | 6.65                | No       |
|                 |          | 159     | 5795           |                 | 7.5     | 6.75                | No       |

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| 5GHz            | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
|-----------------|----------|---------|----------------|-----------------|---------|---------------------|----------|
| 802.11ac<br>80M | U-NII-1  | 42      | 5210           | MCS0            | 9       | 7.45                | No       |
|                 | U-NII-2A | 58      | 5290           |                 | 9       | 7.80                | No       |
|                 | U-NII-2C | 106     | 5530           |                 | 8.5     | 7.21                | No       |
|                 | U-NII-3  | 122     | 5610           |                 | 6       | 4.79                | No       |
|                 |          | 138     | 5690           |                 | 9       | 6.97                | No       |
|                 |          | 155     | 5775           |                 | 6       | 4.55                | No       |
|                 |          |         |                |                 |         |                     |          |

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| 5GHz                     | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
| 802.11a                  | U-NII-1  | 36      | 5180           | 6               | 15.2    | 14.53               | No       |
|                          |          | 40      | 5200           |                 | 17.3    | 16.68               | No       |
|                          |          | 44      | 5220           |                 | 17.3    | 16.62               | No       |
|                          |          | 48      | 5240           |                 | 17.3    | 16.71               | No       |
|                          | U-NII-2A | 52      | 5260           |                 | 17.3    | 16.70               | No       |
|                          |          | 56      | 5280           |                 | 17.3    | 16.72               | No       |
|                          |          | 60      | 5300           |                 | 17.3    | 16.65               | No       |
|                          |          | 64      | 5320           |                 | 15.3    | 14.60               | No       |
|                          | U-NII-2C | 100     | 5500           |                 | 15.3    | 14.13               | No       |
|                          |          | 104     | 5520           |                 | 17.3    | 16.29               | No       |
|                          |          | 108     | 5540           |                 | 17.3    | 16.24               | No       |
|                          |          | 112     | 5560           |                 | 17.3    | 16.23               | No       |
|                          |          | 116     | 5580           |                 | 17.3    | 16.37               | No       |
|                          |          | 120     | 5600           |                 | 17.3    | 16.19               | No       |
|                          |          | 124     | 5620           |                 | 17.3    | 16.16               | No       |
|                          |          | 128     | 5640           |                 | 17.3    | 16.18               | No       |
|                          |          | 132     | 5660           |                 | 17.3    | 16.31               | No       |
|                          |          | 136     | 5680           |                 | 17.3    | 16.27               | No       |
|                          |          | 140     | 5700           |                 | 15.3    | 14.43               | No       |
|                          |          | 144     | 5720           |                 | 15.3    | 14.37               | No       |
|                          | U-NII-3  | 149     | 5745           |                 | 17.3    | 15.97               | No       |
|                          |          | 153     | 5765           |                 | 17.3    | 16.05               | No       |
|                          |          | 157     | 5785           |                 | 17.3    | 16.09               | No       |
|                          |          | 161     | 5805           |                 | 17.3    | 15.84               | No       |
|                          |          | 165     | 5825           |                 | 16.9    | 15.81               | No       |

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| 5GHz         | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
|--------------|----------|---------|----------------|-----------------|---------|---------------------|----------|
| 802.11n-HT20 | U-NII-1  | 36      | 5180           | MCS0            | 15.3    | 14.29               | No       |
|              |          | 40      | 5200           |                 | 17.3    | 16.20               | No       |
|              |          | 44      | 5220           |                 | 17.3    | 16.19               | No       |
|              |          | 48      | 5240           |                 | 17.3    | 16.22               | No       |
|              | U-NII-2A | 52      | 5260           |                 | 17.3    | 16.20               | No       |
|              |          | 56      | 5280           |                 | 17.3    | 16.29               | No       |
|              |          | 60      | 5300           |                 | 17.3    | 16.26               | No       |
|              |          | 64      | 5320           |                 | 15.3    | 14.44               | No       |
|              | U-NII-2C | 100     | 5500           |                 | 15.3    | 13.98               | No       |
|              |          | 104     | 5520           |                 | 17.3    | 15.85               | No       |
|              |          | 108     | 5540           |                 | 17.3    | 15.95               | No       |
|              |          | 112     | 5560           |                 | 17.3    | 15.83               | No       |
|              |          | 116     | 5580           |                 | 17.3    | 15.89               | No       |
|              |          | 120     | 5600           |                 | 17.3    | 15.98               | No       |
|              |          | 124     | 5620           |                 | 17.3    | 15.91               | No       |
|              |          | 128     | 5640           |                 | 17.3    | 16.06               | No       |
|              |          | 132     | 5660           |                 | 17.3    | 15.98               | No       |
|              |          | 136     | 5680           |                 | 17.3    | 15.92               | No       |
|              |          | 140     | 5700           |                 | 15.3    | 13.99               | No       |
|              |          | 144     | 5720           |                 | 15.3    | 13.89               | No       |
|              | U-NII-3  | 149     | 5745           |                 | 17.3    | 15.58               | No       |
|              |          | 153     | 5765           |                 | 17.3    | 15.51               | No       |
|              |          | 157     | 5785           |                 | 17.3    | 15.48               | No       |
|              |          | 161     | 5805           |                 | 17.3    | 15.46               | No       |
|              |          | 165     | 5825           |                 | 16.5    | 15.42               | No       |
| 5GHz         | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
| 802.11n-HT40 | U-NII-1  | 38      | 5190           | MCS0            | 13      | 11.99               | No       |
|              |          | 46      | 5230           |                 | 15.3    | 14.09               | No       |
|              | U-NII-2A | 54      | 5270           |                 | 15.3    | 14.34               | No       |
|              |          | 62      | 5310           |                 | 12.6    | 12.24               | No       |
|              | U-NII-2C | 102     | 5510           |                 | 13      | 11.81               | No       |
|              |          | 110     | 5550           |                 | 15.3    | 13.92               | No       |
|              |          | 118     | 5590           |                 | 15.3    | 13.92               | No       |
|              |          | 126     | 5630           |                 | 15.3    | 13.94               | No       |
|              |          | 134     | 5670           |                 | 15.3    | 14.02               | No       |
|              |          | 142     | 5710           |                 | 13      | 11.71               | No       |
|              | U-NII-3  | 151     | 5755           |                 | 15.3    | 13.98               | No       |
|              |          | 159     | 5795           |                 | 14.5    | 13.92               | No       |

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| 5GHz            | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
|-----------------|----------|---------|----------------|-----------------|---------|---------------------|----------|
| 802.11ac<br>20M | U-NII-1  | 36      | 5180           | MCS0            | 15.3    | 14.34               | No       |
|                 |          | 40      | 5200           |                 | 17.3    | 16.10               | No       |
|                 |          | 44      | 5220           |                 | 17.3    | 16.09               | No       |
|                 |          | 48      | 5240           |                 | 17.3    | 16.19               | No       |
|                 | U-NII-2A | 52      | 5260           |                 | 17.3    | 16.25               | No       |
|                 |          | 56      | 5280           |                 | 17.3    | 16.19               | No       |
|                 |          | 60      | 5300           |                 | 17.3    | 16.25               | No       |
|                 |          | 64      | 5320           |                 | 15      | 14.41               | No       |
|                 | U-NII-2C | 100     | 5500           |                 | 15.3    | 14.08               | No       |
|                 |          | 104     | 5520           |                 | 17.3    | 15.80               | No       |
|                 |          | 108     | 5540           |                 | 17.3    | 15.78               | No       |
|                 |          | 112     | 5560           |                 | 17.3    | 15.81               | No       |
|                 |          | 116     | 5580           |                 | 17.3    | 15.85               | No       |
|                 |          | 120     | 5600           |                 | 17.3    | 15.92               | No       |
|                 |          | 124     | 5620           |                 | 17.3    | 15.86               | No       |
|                 |          | 128     | 5640           |                 | 17.3    | 16.00               | No       |
|                 |          | 132     | 5660           |                 | 17.3    | 15.93               | No       |
|                 |          | 136     | 5680           |                 | 17.3    | 16.02               | No       |
|                 |          | 140     | 5700           |                 | 15.3    | 14.05               | No       |
|                 |          | 144     | 5720           |                 | 15.3    | 13.88               | No       |
|                 | U-NII-3  | 149     | 5745           |                 | 17.3    | 15.60               | No       |
|                 |          | 153     | 5765           |                 | 17.3    | 15.51               | No       |
|                 |          | 157     | 5785           |                 | 17.3    | 15.48               | No       |
|                 |          | 161     | 5805           |                 | 17.3    | 15.52               | No       |
|                 |          | 165     | 5825           |                 | 16.5    | 15.49               | No       |
| 5GHz            | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
| 802.11ac<br>40M | U-NII-1  | 38      | 5190           | MCS0            | 12.8    | 11.97               | No       |
|                 |          | 46      | 5230           |                 | 15.3    | 14.13               | No       |
|                 | U-NII-2A | 54      | 5270           |                 | 15.3    | 14.39               | No       |
|                 |          | 62      | 5310           |                 | 13      | 12.25               | No       |
|                 | U-NII-2C | 102     | 5510           |                 | 13      | 11.94               | No       |
|                 |          | 110     | 5550           |                 | 15.3    | 13.93               | No       |
|                 |          | 118     | 5590           |                 | 15.3    | 13.92               | No       |
|                 |          | 126     | 5630           |                 | 15.3    | 14.08               | No       |
|                 |          | 134     | 5670           |                 | 15.3    | 14.02               | No       |
|                 |          | 142     | 5710           |                 | 13      | 11.77               | No       |
|                 | U-NII-3  | 151     | 5755           |                 | 15.3    | 13.97               | No       |
|                 |          | 159     | 5795           |                 | 14.5    | 13.90               | No       |

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| 5GHz            | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
|-----------------|----------|---------|----------------|-----------------|---------|---------------------|----------|
| 802.11ac<br>80M | U-NII-1  | 42      | 5210           | MCS0            | 13.1    | 11.64               | No       |
|                 | U-NII-2A | 58      | 5290           |                 | 13.1    | 11.80               | No       |
|                 | U-NII-2C | 106     | 5530           |                 | 12.9    | 11.40               | No       |
|                 | U-NII-3  | 122     | 5610           |                 | 13.8    | 12.77               | No       |
|                 |          | 138     | 5690           |                 | 13.1    | 11.27               | No       |
|                 |          | 155     | 5775           |                 | 13.8    | 12.73               | No       |
|                 |          |         |                |                 |         |                     |          |

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| WIFI5GHz MIMO receiver on(head scene) |          |         |                |                 |         |                     |          |
|---------------------------------------|----------|---------|----------------|-----------------|---------|---------------------|----------|
| 5GHz                                  | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
| 802.11a                               | U-NII-1  | 36      | 5180           | 6               | 13.4    | 12.96               | No       |
|                                       |          | 40      | 5200           |                 | 13.6    | 13.12               | No       |
|                                       |          | 44      | 5220           |                 | 13.6    | 13.01               | No       |
|                                       |          | 48      | 5240           |                 | 13.6    | 13.12               | No       |
|                                       | U-NII-2A | 52      | 5260           |                 | 13.6    | 13.10               | No       |
|                                       |          | 56      | 5280           |                 | 13.6    | 13.10               | No       |
|                                       |          | 60      | 5300           |                 | 13.6    | 13.06               | No       |
|                                       |          | 64      | 5320           |                 | 13.6    | 13.14               | No       |
|                                       | U-NII-2C | 100     | 5500           |                 | 13.6    | 12.64               | No       |
|                                       |          | 104     | 5520           |                 | 13.6    | 12.63               | No       |
|                                       |          | 108     | 5540           |                 | 13.6    | 12.66               | No       |
|                                       |          | 112     | 5560           |                 | 13.6    | 12.68               | No       |
|                                       |          | 116     | 5580           |                 | 13.6    | 12.73               | No       |
|                                       |          | 120     | 5600           |                 | 13.6    | 12.64               | No       |
|                                       |          | 124     | 5620           |                 | 13.6    | 12.65               | No       |
|                                       |          | 128     | 5640           |                 | 13.6    | 12.69               | No       |
|                                       |          | 132     | 5660           |                 | 13.6    | 13.05               | No       |
|                                       |          | 136     | 5680           |                 | 13.6    | 12.97               | No       |
|                                       |          | 140     | 5700           |                 | 13.6    | 12.87               | No       |
|                                       |          | 144     | 5720           |                 | 13.6    | 12.88               | No       |
|                                       | U-NII-3  | 149     | 5745           |                 | 13.6    | 12.68               | No       |
|                                       |          | 153     | 5765           |                 | 13.6    | 12.62               | No       |
|                                       |          | 157     | 5785           |                 | 13.6    | 12.67               | No       |
|                                       |          | 161     | 5805           |                 | 13.6    | 12.63               | No       |
|                                       |          | 165     | 5825           |                 | 13.3    | 12.66               | No       |

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| 5GHz         | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
|--------------|----------|---------|----------------|-----------------|---------|---------------------|----------|
| 802.11n-HT20 | U-NII-1  | 36      | 5180           | MCS0            | 13.6    | 12.80               | No       |
|              |          | 40      | 5200           |                 | 13.6    | 12.85               | No       |
|              |          | 44      | 5220           |                 | 13.6    | 12.80               | No       |
|              |          | 48      | 5240           |                 | 13.6    | 12.88               | No       |
|              | U-NII-2A | 52      | 5260           |                 | 13.6    | 12.89               | No       |
|              |          | 56      | 5280           |                 | 13.6    | 12.96               | No       |
|              |          | 60      | 5300           |                 | 13.6    | 12.82               | No       |
|              |          | 64      | 5320           |                 | 13.6    | 12.93               | No       |
|              | U-NII-2C | 100     | 5500           |                 | 13.6    | 12.44               | No       |
|              |          | 104     | 5520           |                 | 13.6    | 12.41               | No       |
|              |          | 108     | 5540           |                 | 13.6    | 12.46               | No       |
|              |          | 112     | 5560           |                 | 13.6    | 12.51               | No       |
|              |          | 116     | 5580           |                 | 13.6    | 12.56               | No       |
|              |          | 120     | 5600           |                 | 13.6    | 12.50               | No       |
|              |          | 124     | 5620           |                 | 13.6    | 12.42               | No       |
|              |          | 128     | 5640           |                 | 13.6    | 12.53               | No       |
|              |          | 132     | 5660           |                 | 13.6    | 12.48               | No       |
|              |          | 136     | 5680           |                 | 13.6    | 12.42               | No       |
|              |          | 140     | 5700           |                 | 13.6    | 12.46               | No       |
|              |          | 144     | 5720           |                 | 13.6    | 12.34               | No       |
|              | U-NII-3  | 149     | 5745           |                 | 13.6    | 12.23               | No       |
|              |          | 153     | 5765           |                 | 13.6    | 12.17               | No       |
|              |          | 157     | 5785           |                 | 13.6    | 12.09               | No       |
|              |          | 161     | 5805           |                 | 13.6    | 12.14               | No       |
|              |          | 165     | 5825           |                 | 13      | 12.11               | No       |
| 5GHz         | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
| 802.11n-HT40 | U-NII-1  | 38      | 5190           | MCS0            | 13      | 12.04               | No       |
|              |          | 46      | 5230           |                 | 13      | 11.98               | No       |
|              | U-NII-2A | 54      | 5270           |                 | 13      | 12.20               | No       |
|              |          | 62      | 5310           |                 | 12.6    | 12.25               | No       |
|              | U-NII-2C | 102     | 5510           |                 | 13      | 11.81               | No       |
|              |          | 110     | 5550           |                 | 13      | 11.72               | No       |
|              |          | 118     | 5590           |                 | 13      | 11.88               | No       |
|              |          | 126     | 5630           |                 | 13      | 11.85               | No       |
|              |          | 134     | 5670           |                 | 13      | 11.91               | No       |
|              |          | 142     | 5710           |                 | 13      | 11.79               | No       |
|              |          | 151     | 5755           |                 | 13      | 11.86               | No       |
|              | U-NII-3  | 159     | 5795           |                 | 12.3    | 11.87               | No       |

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| 5GHz            | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
|-----------------|----------|---------|----------------|-----------------|---------|---------------------|----------|
| 802.11ac<br>20M | U-NII-1  | 36      | 5180           | MCS0            | 13.6    | 12.82               | No       |
|                 |          | 40      | 5200           |                 | 13.6    | 12.78               | No       |
|                 |          | 44      | 5220           |                 | 13.6    | 12.74               | No       |
|                 |          | 48      | 5240           |                 | 13.6    | 12.77               | No       |
|                 | U-NII-2A | 52      | 5260           |                 | 13.6    | 12.90               | No       |
|                 |          | 56      | 5280           |                 | 13.6    | 12.94               | No       |
|                 |          | 60      | 5300           |                 | 13.6    | 12.86               | No       |
|                 |          | 64      | 5320           |                 | 13.3    | 12.73               | No       |
|                 | U-NII-2C | 100     | 5500           |                 | 13.6    | 12.51               | No       |
|                 |          | 104     | 5520           |                 | 13.6    | 12.47               | No       |
|                 |          | 108     | 5540           |                 | 13.6    | 12.46               | No       |
|                 |          | 112     | 5560           |                 | 13.6    | 12.54               | No       |
|                 |          | 116     | 5580           |                 | 13.6    | 12.51               | No       |
|                 |          | 120     | 5600           |                 | 13.6    | 12.52               | No       |
|                 |          | 124     | 5620           |                 | 13.6    | 12.52               | No       |
|                 |          | 128     | 5640           |                 | 13.6    | 12.48               | No       |
|                 |          | 132     | 5660           |                 | 13.6    | 12.43               | No       |
|                 |          | 136     | 5680           |                 | 13.6    | 12.48               | No       |
|                 |          | 140     | 5700           |                 | 13.6    | 12.38               | No       |
|                 |          | 144     | 5720           |                 | 13.6    | 12.33               | No       |
|                 | U-NII-3  | 149     | 5745           |                 | 13.6    | 12.13               | No       |
|                 |          | 153     | 5765           |                 | 13.6    | 12.18               | No       |
|                 |          | 157     | 5785           |                 | 13.6    | 12.05               | No       |
|                 |          | 161     | 5805           |                 | 13.6    | 12.09               | No       |
|                 |          | 165     | 5825           |                 | 13      | 12.05               | No       |
| 5GHz            | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
| 802.11ac<br>40M | U-NII-1  | 38      | 5190           | MCS0            | 12.8    | 11.89               | No       |
|                 |          | 46      | 5230           |                 | 13      | 12.08               | No       |
|                 | U-NII-2A | 54      | 5270           |                 | 13      | 12.35               | No       |
|                 |          | 62      | 5310           |                 | 13      | 12.31               | No       |
|                 | U-NII-2C | 102     | 5510           |                 | 13      | 11.91               | No       |
|                 |          | 110     | 5550           |                 | 13      | 11.82               | No       |
|                 |          | 118     | 5590           |                 | 13      | 11.83               | No       |
|                 |          | 126     | 5630           |                 | 13      | 11.87               | No       |
|                 |          | 134     | 5670           |                 | 13      | 11.89               | No       |
|                 |          | 142     | 5710           |                 | 13      | 11.79               | No       |
|                 | U-NII-3  | 151     | 5755           |                 | 13      | 11.94               | No       |
|                 |          | 159     | 5795           |                 | 12.3    | 11.85               | No       |

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| 5GHz            | mode     | Channel | Frequency(MHz) | Data Rate(Mbps) | Tune up | Average Power (dBm) | SAR Test |
|-----------------|----------|---------|----------------|-----------------|---------|---------------------|----------|
| 802.11ac<br>80M | U-NII-1  | 42      | 5210           | MCS0            | 13.1    | 11.67               | No       |
|                 | U-NII-2A | 58      | 5290           |                 | 13.1    | 11.87               | No       |
|                 | U-NII-2C | 106     | 5530           |                 | 12.9    | 11.30               | No       |
|                 | U-NII-3  | 122     | 5610           |                 | 12.6    | 11.12               | No       |
|                 |          | 138     | 5690           |                 | 13.1    | 11.34               | No       |
|                 |          | 155     | 5775           |                 | 12.6    | 10.81               | No       |
|                 |          |         |                |                 |         |                     |          |

Table 15 : Conducted Power Of WIFI

Note:

- a) Power must be measured at each transmit antenna port according to the DSSS and OFDM transmission configurations in each standalone and aggregated frequency band.
- b) Power measurement is required for the transmission mode configuration with the highest maximum output power specified for production units.
  - 1) When the same highest maximum output power specification applies to multiple transmission modes, the largest channel bandwidth configuration with the lowest order modulation and lowest data rate is measured.
  - 2) When the same highest maximum output power is specified for multiple largest channel bandwidth configurations with the same lowest order modulation or lowest order modulation and lowest data rate, power measurement is required for all equivalent 802.11 configurations with the same maximum output power.
- c) For each transmission mode configuration, power must be measured for the highest and lowest channels; and at the mid-band channel(s) when there are at least 3 channels. For configurations with multiple mid-band channels, due to an even number of channels, both channels should be measured.

| BT            |         |                | Tune up<br>(dBm) | Average Conducted<br>Power(dBm) |
|---------------|---------|----------------|------------------|---------------------------------|
| Modulation    | Channel | Frequency(MHz) |                  | GFSK                            |
| GFSK          | 0       | 2402           | 11.5             | 9.7                             |
|               | 39      | 2441           | 12               | 10.5                            |
|               | 78      | 2480           | 11.5             | 9.6                             |
| $\pi/4$ DQPSK | 0       | 2402           | 6.5              | 4.75                            |
|               | 39      | 2441           | 7                | 5.34                            |
|               | 78      | 2480           | 6                | 4.35                            |
| 8DPSK         | 0       | 2402           | 6                | 4.73                            |
|               | 39      | 2441           | 6.5              | 5.32                            |
|               | 78      | 2480           | 6                | 4.33                            |
| BLE           |         |                | Tune up<br>(dBm) | Average Conducted<br>Power(dBm) |
| Modulation    | Channel | Frequency(MHz) |                  | GFSK                            |
| GFSK          | 0       | 2402           | 4.5              | 3.03                            |
|               | 19      | 2440           | 5                | 3.12                            |
|               | 39      | 2480           | 4.5              | 2.69                            |

Table 16 : Conducted Power Of BT

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## 8.2 Stand-alone SAR test evaluation

Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Test Exclusion Threshold condition is satisfied. These test exclusion conditions are based on source-based time-averaged maximum conducted output power of the RF channel requiring evaluation, adjusted for tune-up tolerance, and the minimum test separation distance required for the exposure conditions.

| Freq. Band | Frequency (GHz) | Position  | Average Power |     | Test Separation (mm) | Calculate Value | Exclusion Threshold | Exclusion (Y/N) |
|------------|-----------------|-----------|---------------|-----|----------------------|-----------------|---------------------|-----------------|
|            |                 |           | dBm           | mW  |                      |                 |                     |                 |
| BLE        | 2.48            | Head      | 5             | 3.2 | 0                    | 1.0             | 3                   | Y               |
|            |                 | Body-worn | 5             | 3.2 | 15                   | 0.3             | 3                   | Y               |
|            |                 | Hotspot   | 5             | 3.2 | 10                   | 0.5             | 3                   | Y               |

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances  $\leq 50$  mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$  for 1-g SAR and  $\leq 7.5$  for 10-g extremity SAR, where

- $f(\text{GHz})$  is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is  $\leq 50$  mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is  $< 5$  mm, a distance of 5 mm is applied to determine SAR test exclusion.



## 8.3 Measurement of SAR Data

### 8.3.1 SAR Result Of GSM850

| Ant1 Test data                                      |           |                |            |               |                 |                      |                    |               |                  |             |
|-----------------------------------------------------|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|-------------|
| Test position                                       | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted Power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp |
| Head Test data                                      |           |                |            |               |                 |                      |                    |               |                  |             |
| Left cheek                                          | GSM       | 190/836.6      | 1:8.3      | 0.193         | 0.05            | 32.57                | 33.8               | 1.327         | 0.256            | 22.1        |
| Left tilted                                         | GSM       | 190/836.6      | 1:8.3      | 0.124         | -0.12           | 32.57                | 33.8               | 1.327         | 0.165            | 22.1        |
| Right cheek                                         | GSM       | 190/836.6      | 1:8.3      | 0.253         | 0.04            | 32.38                | 33.8               | 1.387         | 0.351            | 22.1        |
| Right tilted                                        | GSM       | 190/836.6      | 1:8.3      | 0.11          | 0.02            | 32.49                | 33.8               | 1.352         | 0.149            | 22.1        |
| Right cheek                                         | GSM       | 128/824.2      | 1:8.3      | 0.19          | -0.05           | 32.38                | 33.8               | 1.387         | 0.263            | 22.1        |
| Right cheek                                         | GSM       | 251/848.8      | 1:8.3      | 0.265         | 0.05            | 32.49                | 33.8               | 1.352         | 0.358            | 22.1        |
| Head Test Data at the worst case with SIM2          |           |                |            |               |                 |                      |                    |               |                  |             |
| Right cheek                                         | GSM       | 251/848.8      | 1:8.3      | 0.258         | 0.12            | 32.49                | 33.8               | 1.352         | 0.349            | 22.1        |
| Head Test Data at the worst case with Battery 2#    |           |                |            |               |                 |                      |                    |               |                  |             |
| Right cheek                                         | GSM       | 251/848.8      | 1:8.3      | 0.278         | -0.17           | 32.49                | 33.8               | 1.352         | <b>0.376</b>     | 22.1        |
| Head Test Data at the worst case with Battery 3#    |           |                |            |               |                 |                      |                    |               |                  |             |
| Right cheek                                         | GSM       | 251/848.8      | 1:8.3      | 0.274         | -0.04           | 32.49                | 33.8               | 1.352         | 0.370            | 22.1        |
| Body worn Test data(Separate 15mm)                  |           |                |            |               |                 |                      |                    |               |                  |             |
| Front side                                          | GSM       | 190/836.6      | 1:8.3      | 0.245         | -0.02           | 32.57                | 33.8               | 1.327         | 0.325            | 22.1        |
| Back side                                           | GSM       | 190/836.6      | 1:8.3      | 0.304         | -0.1            | 32.57                | 33.8               | 1.327         | 0.404            | 22.1        |
| Front side                                          | GPRS 2TS  | 190/836.6      | 1:4.15     | 0.206         | -0.13           | 30.64                | 31.8               | 1.306         | 0.269            | 22.1        |
| Back side                                           | GPRS 2TS  | 190/836.6      | 1:4.15     | 0.291         | 0               | 30.64                | 31.8               | 1.306         | 0.380            | 22.1        |
| Back side                                           | GSM       | 128/824.2      | 1:8.3      | 0.262         | 0.02            | 32.38                | 33.8               | 1.387         | 0.363            | 22.1        |
| Back side                                           | GSM       | 251/848.8      | 1:8.3      | 0.309         | 0.04            | 32.49                | 33.8               | 1.352         | 0.418            | 22.1        |
| Body worn Test data with SIM2                       |           |                |            |               |                 |                      |                    |               |                  |             |
| Back side                                           | GSM       | 251/848.8      | 1:8.3      | 0.369         | 0.05            | 32.49                | 33.8               | 1.352         | <b>0.499</b>     | 22.1        |
| Body worn Test data with Battery 2#                 |           |                |            |               |                 |                      |                    |               |                  |             |
| Back side                                           | GSM       | 251/848.8      | 1:8.3      | 0.354         | 0.12            | 32.49                | 33.8               | 1.352         | 0.479            | 22.1        |
| Body worn Test data with Battery 3#                 |           |                |            |               |                 |                      |                    |               |                  |             |
| Back side                                           | GSM       | 251/848.8      | 1:8.3      | 0.321         | -0.07           | 32.49                | 33.8               | 1.352         | 0.434            | 22.1        |
| Hotspot Test data(Separate 10mm)                    |           |                |            |               |                 |                      |                    |               |                  |             |
| Front side                                          | GPRS 2TS  | 190/836.6      | 1:4.15     | 0.287         | -0.07           | 30.64                | 31.8               | 1.306         | 0.375            | 22.1        |
| Back side                                           | GPRS 2TS  | 190/836.6      | 1:4.15     | 0.419         | -0.07           | 30.64                | 31.8               | 1.306         | 0.547            | 22.1        |
| Left side                                           | GPRS 2TS  | 190/836.6      | 1:4.15     | 0.0871        | 0.04            | 30.64                | 31.8               | 1.306         | 0.114            | 22.1        |
| Right side                                          | GPRS 2TS  | 190/836.6      | 1:4.15     | 0.377         | 0.15            | 30.64                | 31.8               | 1.306         | 0.492            | 22.1        |
| Bottom side                                         | GPRS 2TS  | 190/836.6      | 1:4.15     | 0.267         | 0.04            | 30.64                | 31.8               | 1.306         | 0.349            | 22.1        |
| Back side                                           | GPRS 2TS  | 128/824.2      | 1:4.15     | 0.323         | -0.07           | 30.5                 | 31.8               | 1.349         | 0.436            | 22.1        |
| Back side                                           | GPRS 2TS  | 251/848.8      | 1:4.15     | 0.482         | 0.08            | 30.53                | 31.8               | 1.340         | 0.646            | 22.1        |
| Hotspot Test Data at the worst case with SIM2(10mm) |           |                |            |               |                 |                      |                    |               |                  |             |
| Back side                                           | GPRS 2TS  | 251/848.8      | 1:4.15     | 0.485         | 0.08            | 30.53                | 31.8               | 1.340         | 0.650            | 22.1        |

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| Hotspot Test Data at the worst case with Battery 2#(10mm) |           |                |            |               |                 |                      |                    |               |                  |             |
|-----------------------------------------------------------|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|-------------|
| Back side                                                 | GPRS 2TS  | 251/848.8      | 1:4.15     | 0.516         | 0.06            | 30.53                | 31.8               | 1.340         | <b>0.691</b>     | 22.1        |
| Hotspot Test Data at the worst case with Battery 3#(10mm) |           |                |            |               |                 |                      |                    |               |                  |             |
| Back side                                                 | GPRS 2TS  | 251/848.8      | 1:4.15     | 0.448         | 0.05            | 30.53                | 31.8               | 1.340         | 0.600            | 22.1        |
| Ant2 Test data                                            |           |                |            |               |                 |                      |                    |               |                  |             |
| Test position                                             | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted Power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp |
| Head Test data                                            |           |                |            |               |                 |                      |                    |               |                  |             |
| Left cheek                                                | GSM       | 190/836.6      | 1:8.3      | 0.537         | -0.01           | 28.18                | 29.3               | 1.294         | 0.695            | 22.1        |
| Left tilted                                               | GSM       | 190/836.6      | 1:8.3      | 0.464         | -0.04           | 28.18                | 29.3               | 1.294         | 0.601            | 22.1        |
| Right cheek                                               | GSM       | 190/836.6      | 1:8.3      | 0.538         | 0.01            | 28.74                | 29.8               | 1.276         | 0.687            | 22.1        |
| Right tilted                                              | GSM       | 190/836.6      | 1:8.3      | 0.484         | 0.13            | 28.74                | 29.8               | 1.276         | 0.618            | 22.1        |
| Left cheek                                                | GSM       | 128/824.2      | 1:8.3      | 0.545         | 0.03            | 28.06                | 29.3               | 1.330         | <b>0.725</b>     | 22.1        |
| Left cheek                                                | GSM       | 251/848.8      | 1:8.3      | 0.547         | 0.1             | 28.14                | 29.3               | 1.306         | 0.714            | 22.1        |
| Head Test Data at the worst case with SIM2                |           |                |            |               |                 |                      |                    |               |                  |             |
| Left cheek                                                | GSM       | 128/824.2      | 1:8.3      | 0.531         | 0.14            | 28.06                | 29.3               | 1.330         | 0.706            | 22.1        |
| Head Test Data at the worst case with Battery 2#          |           |                |            |               |                 |                      |                    |               |                  |             |
| Left cheek                                                | GSM       | 128/824.2      | 1:8.3      | 0.535         | -0.07           | 28.06                | 29.3               | 1.330         | 0.712            | 22.1        |
| Head Test Data at the worst case with Battery 3#          |           |                |            |               |                 |                      |                    |               |                  |             |
| Left cheek                                                | GSM       | 128/824.2      | 1:8.3      | 0.535         | -0.13           | 28.06                | 29.3               | 1.330         | 0.712            | 22.1        |
| Body worn Test data(Seperate 15mm)                        |           |                |            |               |                 |                      |                    |               |                  |             |
| Front side                                                | GSM       | 190/836.6      | 1:8.3      | 0.0972        | 0.02            | 32.95                | 33.8               | 1.216         | 0.118            | 22.1        |
| Back side                                                 | GSM       | 190/836.6      | 1:8.3      | 0.0952        | 0.05            | 32.95                | 33.8               | 1.216         | 0.116            | 22.1        |
| Front side                                                | GPRS 2TS  | 190/836.6      | 1:4.15     | 0.357         | 0.14            | 30.82                | 31.8               | 1.253         | <b>0.447</b>     | 22.1        |
| Back side                                                 | GPRS 2TS  | 190/836.6      | 1:4.15     | 0.335         | 0.04            | 30.82                | 31.8               | 1.253         | 0.420            | 22.1        |
| Front side                                                | GPRS 2TS  | 128/824.2      | 1:4.15     | 0.314         | -0.13           | 30.59                | 31.8               | 1.321         | 0.415            | 22.1        |
| Front side                                                | GPRS 2TS  | 251/848.8      | 1:4.15     | 0.358         | 0.18            | 30.91                | 31.8               | 1.227         | 0.439            | 22.1        |
| Body worn Test data with SIM2                             |           |                |            |               |                 |                      |                    |               |                  |             |
| Front side                                                | GPRS 2TS  | 190/836.6      | 1:4.15     | 0.354         | 0.15            | 30.82                | 31.8               | 1.253         | 0.444            | 22.1        |
| Body worn Test data with Battery 2#                       |           |                |            |               |                 |                      |                    |               |                  |             |
| Front side                                                | GPRS 2TS  | 190/836.6      | 1:4.15     | 0.343         | 0.12            | 30.82                | 31.8               | 1.253         | 0.430            | 22.1        |
| Body worn Test data with Battery 3#                       |           |                |            |               |                 |                      |                    |               |                  |             |
| Front side                                                | GPRS 2TS  | 190/836.6      | 1:4.15     | 0.346         | 0.1             | 30.82                | 31.8               | 1.253         | 0.434            | 22.1        |

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| Hotspot activated for 2.4G WIFI Test data(Separate 10mm)             |           |                |            |               |                 |                      |                    |               |                  |             |
|----------------------------------------------------------------------|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|-------------|
| Front side                                                           | GPRS 2TS  | 190/836.6      | 1:4.15     | 0.281         | 0.18            | 27.48                | 28.8               | 1.355         | 0.381            | 22.1        |
| Back side                                                            | GPRS 2TS  | 190/836.6      | 1:4.15     | 0.287         | -0.06           | 27.48                | 28.8               | 1.355         | 0.389            | 22.1        |
| Left side                                                            | GPRS 2TS  | 190/836.6      | 1:4.15     | 0.126         | 0.05            | 27.48                | 28.8               | 1.355         | 0.171            | 22.1        |
| Right side                                                           | GPRS 2TS  | 190/836.6      | 1:4.15     | 0.0263        | -0.1            | 27.48                | 28.8               | 1.355         | 0.036            | 22.1        |
| Top side                                                             | GPRS 2TS  | 190/836.6      | 1:4.15     | 0.224         | 0.03            | 27.48                | 28.8               | 1.355         | 0.304            | 22.1        |
| Back side                                                            | GPRS 2TS  | 128/824.2      | 1:4.15     | 0.258         | 0.05            | 27.42                | 28.8               | 1.374         | 0.355            | 22.1        |
| Back side                                                            | GPRS 2TS  | 251/848.8      | 1:4.15     | 0.311         | -0.05           | 27.46                | 28.8               | 1.361         | 0.423            | 22.1        |
| Hotspot activated for 5G WIFI Test data(Separate 10mm)               |           |                |            |               |                 |                      |                    |               |                  |             |
| Front side                                                           | GPRS 2TS  | 190/836.6      | 1:4.15     | 0.179         | -0.11           | 25.62                | 26.8               | 1.312         | 0.235            | 22.1        |
| Back side                                                            | GPRS 2TS  | 190/836.6      | 1:4.15     | 0.18          | 0.15            | 25.62                | 26.8               | 1.312         | 0.236            | 22.1        |
| Left side                                                            | GPRS 2TS  | 190/836.6      | 1:4.15     | 0.08          | -0.03           | 25.62                | 26.8               | 1.312         | 0.105            | 22.1        |
| Right side                                                           | GPRS 2TS  | 190/836.6      | 1:4.15     | 0.0166        | -0.08           | 25.62                | 26.8               | 1.312         | 0.022            | 22.1        |
| Top side                                                             | GPRS 2TS  | 190/836.6      | 1:4.15     | 0.141         | 0.01            | 25.62                | 26.8               | 1.312         | 0.185            | 22.1        |
| Back side                                                            | GPRS 2TS  | 128/824.2      | 1:4.15     | 0.162         | 0.05            | 25.45                | 26.8               | 1.365         | 0.221            | 22.1        |
| Back side                                                            | GPRS 2TS  | 251/848.8      | 1:4.15     | 0.193         | -0.05           | 25.58                | 26.8               | 1.324         | 0.256            | 22.1        |
| Hotspot Test Data at the worst case with SIM2(10mm)                  |           |                |            |               |                 |                      |                    |               |                  |             |
| Back side                                                            | GPRS 2TS  | 251/848.8      | 1:4.15     | 0.31          | -0.08           | 27.46                | 28.8               | 1.361         | 0.422            | 22.1        |
| Hotspot Test Data at the worst case with Battery 2#(10mm)            |           |                |            |               |                 |                      |                    |               |                  |             |
| Back side                                                            | GPRS 2TS  | 251/848.8      | 1:4.15     | 0.312         | -0.02           | 27.46                | 28.8               | 1.361         | <b>0.425</b>     | 22.1        |
| Hotspot Test Data at the worst case with Battery 3#(10mm)            |           |                |            |               |                 |                      |                    |               |                  |             |
| Back side                                                            | GPRS 2TS  | 251/848.8      | 1:4.15     | 0.305         | -0.1            | 27.46                | 28.8               | 1.361         | 0.415            | 22.1        |
| Ant2 Additional Test data(simultaneous transmission with 5G WIFI+BT) |           |                |            |               |                 |                      |                    |               |                  |             |
| Test position                                                        | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted Power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp |
| Head Test data                                                       |           |                |            |               |                 |                      |                    |               |                  |             |
| Left cheek                                                           | GSM       | 128/824.2      | 1:8.3      | 0.142         | -0.09           | 23.24                | 24.3               | 1.276         | 0.181            | 22.1        |

Table 17 : SAR of GSM850 for Head and Body.

Note:

- 1) The maximum Scaled SAR value is marked in bold. Graph results refer to Appendix B
- 2) Per FCC KDB Publication 447498 D01, if the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is  $\leq 0.8$  W/kg then testing at the other channels is not required for such test configuration(s).

### 8.3.2 SAR Result Of GSM1900

| Ant1 Test data                                        |           |                |            |               |                 |                      |                    |               |                  |             |
|-------------------------------------------------------|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|-------------|
| Test position                                         | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted Power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp |
| Head Test data                                        |           |                |            |               |                 |                      |                    |               |                  |             |
| Left cheek                                            | GSM       | 661/1880       | 1:8.3      | 0.0704        | 0.03            | 29.91                | 31                 | 1.285         | 0.090            | 22.1        |
| Left tilted                                           | GSM       | 661/1880       | 1:8.3      | 0.0239        | -0.07           | 29.91                | 31                 | 1.285         | 0.031            | 22.1        |
| Right cheek                                           | GSM       | 661/1880       | 1:8.3      | 0.0498        | 0.18            | 29.91                | 31                 | 1.285         | 0.064            | 22.1        |
| Right tilted                                          | GSM       | 661/1880       | 1:8.3      | 0.0329        | 0.05            | 29.91                | 31                 | 1.285         | 0.042            | 22.1        |
| Left cheek                                            | GSM       | 512/1850.2     | 1:8.3      | 0.0663        | 0.07            | 29.98                | 31                 | 1.265         | 0.084            | 22.1        |
| Left cheek                                            | GSM       | 810/1909.8     | 1:8.3      | 0.0817        | 0.09            | 29.93                | 31                 | 1.279         | 0.105            | 22.1        |
| Head Test Data at the worst case with SIM2            |           |                |            |               |                 |                      |                    |               |                  |             |
| Left cheek                                            | GSM       | 810/1909.8     | 1:8.3      | 0.0832        | 0.01            | 29.93                | 31                 | 1.279         | 0.106            | 22.1        |
| Head Test Data at the worst case with Battery 2#      |           |                |            |               |                 |                      |                    |               |                  |             |
| Left cheek                                            | GSM       | 810/1909.8     | 1:8.3      | 0.117         | 0.08            | 29.93                | 31                 | 1.279         | <b>0.150</b>     | 22.1        |
| Head Test Data at the worst case with Battery 3#      |           |                |            |               |                 |                      |                    |               |                  |             |
| Left cheek                                            | GSM       | 810/1909.8     | 1:8.3      | 0.105         | 0.02            | 29.93                | 31                 | 1.279         | 0.134            | 22.1        |
| Body worn Test data(Separate 15mm)                    |           |                |            |               |                 |                      |                    |               |                  |             |
| Front side                                            | GSM       | 661/1880       | 1:8.3      | 0.211         | 0.02            | 29.91                | 31                 | 1.285         | 0.271            | 22.1        |
| Back side                                             | GSM       | 661/1880       | 1:8.3      | 0.218         | 0.02            | 29.91                | 31                 | 1.285         | 0.280            | 22.1        |
| Front side                                            | GPRS 2TS  | 661/1880       | 1:4.15     | 0.229         | -0.11           | 27.77                | 29                 | 1.327         | 0.304            | 22.1        |
| Back side                                             | GPRS 2TS  | 661/1880       | 1:4.15     | 0.238         | 0.09            | 27.77                | 29                 | 1.327         | 0.316            | 22.1        |
| Back side                                             | GPRS 2TS  | 512/1850.2     | 1:4.15     | 0.254         | 0.03            | 27.92                | 29                 | 1.282         | 0.326            | 22.1        |
| Back side                                             | GPRS 2TS  | 810/1909.8     | 1:4.15     | 0.282         | -0.08           | 27.7                 | 29                 | 1.349         | 0.380            | 22.1        |
| Body worn Test Data at the worst case with SIM2       |           |                |            |               |                 |                      |                    |               |                  |             |
| Back side                                             | GPRS 2TS  | 810/1909.8     | 1:4.15     | 0.268         | -0.1            | 27.7                 | 29                 | 1.349         | 0.362            | 22.1        |
| Body worn Test Data at the worst case with Battery 2# |           |                |            |               |                 |                      |                    |               |                  |             |
| Back side                                             | GPRS 2TS  | 810/1909.8     | 1:4.15     | 0.379         | 0.05            | 27.7                 | 29                 | 1.349         | <b>0.511</b>     | 22.1        |
| Body worn Test Data at the worst case with Battery 3# |           |                |            |               |                 |                      |                    |               |                  |             |
| Back side                                             | GPRS 2TS  | 810/1909.8     | 1:4.15     | 0.349         | 0.03            | 27.7                 | 29                 | 1.349         | 0.471            | 22.1        |
| Hotspot Test data(Separate 10mm)                      |           |                |            |               |                 |                      |                    |               |                  |             |
| Front side                                            | GPRS 2TS  | 661/1880       | 1:4.15     | 0.173         | 0.02            | 23.92                | 25                 | 1.282         | 0.222            | 22.1        |
| Back side                                             | GPRS 2TS  | 661/1880       | 1:4.15     | 0.189         | 0.05            | 23.92                | 25                 | 1.282         | 0.242            | 22.1        |
| Left side                                             | GPRS 2TS  | 661/1880       | 1:4.15     | 0.0525        | -0.04           | 23.92                | 25                 | 1.282         | 0.067            | 22.1        |
| Right side                                            | GPRS 2TS  | 661/1880       | 1:4.15     | 0.016         | -0.01           | 23.92                | 25                 | 1.282         | 0.021            | 22.1        |
| Bottom side                                           | GPRS 2TS  | 661/1880       | 1:4.15     | 0.363         | -0.07           | 23.92                | 25                 | 1.282         | 0.465            | 22.1        |
| Bottom side                                           | GPRS 2TS  | 512/1850.2     | 1:4.15     | 0.397         | -0.01           | 24.06                | 25                 | 1.242         | 0.493            | 22.1        |
| Bottom side                                           | GPRS 2TS  | 810/1909.8     | 1:4.15     | 0.424         | 0.05            | 23.82                | 25                 | 1.312         | 0.556            | 22.1        |
| Hotspot Test Data at the worst case with SIM2(10mm)   |           |                |            |               |                 |                      |                    |               |                  |             |
| Bottom side                                           | GPRS 2TS  | 810/1909.8     | 1:4.15     | 0.419         | 0.03            | 23.82                | 25                 | 1.312         | 0.550            | 22.1        |

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| Hotspot Test Data at the worst case with Battery 2#(10mm) |           |                |            |               |                 |                      |                    |               |                  |             |
|-----------------------------------------------------------|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|-------------|
| Bottom side                                               | GPRS 2TS  | 810/1909.8     | 1:4.15     | 0.508         | -0.05           | 23.82                | 25                 | 1.312         | <b>0.667</b>     | 22.1        |
| Hotspot Test Data at the worst case with Battery 3#(10mm) |           |                |            |               |                 |                      |                    |               |                  |             |
| Bottom side                                               | GPRS 2TS  | 810/1909.8     | 1:4.15     | 0.493         | -0.06           | 23.82                | 25                 | 1.312         | 0.647            | 22.1        |
| Ant2 Test data                                            |           |                |            |               |                 |                      |                    |               |                  |             |
| Test position                                             | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted Power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp |
| Head Test data                                            |           |                |            |               |                 |                      |                    |               |                  |             |
| Left cheek                                                | GSM       | 661/1880       | 1:8.3      | 0.293         | 0               | 25.93                | 26.5               | 1.140         | 0.334            | 22.1        |
| Left tilted                                               | GSM       | 661/1880       | 1:8.3      | 0.384         | 0.01            | 25.93                | 26.5               | 1.140         | 0.438            | 22.1        |
| Right cheek                                               | GSM       | 661/1880       | 1:8.3      | 0.528         | 0.04            | 25.44                | 26                 | 1.138         | 0.601            | 22.1        |
| Right tilted                                              | GSM       | 661/1880       | 1:8.3      | 0.465         | -0.06           | 25.44                | 26                 | 1.138         | 0.529            | 22.1        |
| Right cheek                                               | GSM       | 512/1850.2     | 1:8.3      | 0.506         | 0.02            | 25.52                | 26                 | 1.117         | 0.565            | 22.1        |
| Right cheek                                               | GSM       | 810/1909.8     | 1:8.3      | 0.632         | 0.01            | 25.53                | 26                 | 1.114         | 0.704            | 22.1        |
| Head Test Data at the worst case with SIM2                |           |                |            |               |                 |                      |                    |               |                  |             |
| Right cheek                                               | GSM       | 810/1909.8     | 1:8.3      | 0.61          | 0.01            | 25.53                | 26                 | 1.114         | 0.680            | 22.1        |
| Head Test Data at the worst case with Battery 2#          |           |                |            |               |                 |                      |                    |               |                  |             |
| Right cheek                                               | GSM       | 810/1909.8     | 1:8.3      | 0.66          | 0.02            | 25.53                | 26                 | 1.114         | <b>0.735</b>     | 22.1        |
| Head Test Data at the worst case with Battery 3#          |           |                |            |               |                 |                      |                    |               |                  |             |
| Right cheek                                               | GSM       | 810/1909.8     | 1:8.3      | 0.542         | -0.04           | 25.53                | 26                 | 1.114         | 0.604            | 22.1        |
| Body worn Test data(Separate 15mm)                        |           |                |            |               |                 |                      |                    |               |                  |             |
| Front side                                                | GSM       | 661/1880       | 1:8.3      | 0.062         | -0.11           | 30.15                | 30.5               | 1.084         | 0.067            | 22.1        |
| Back side                                                 | GSM       | 661/1880       | 1:8.3      | 0.0658        | -0.09           | 30.15                | 30.5               | 1.084         | 0.071            | 22.1        |
| Front side                                                | GPRS 2TS  | 661/1880       | 1:4.15     | 0.205         | -0.14           | 27.67                | 28.5               | 1.211         | 0.248            | 22.1        |
| Back side                                                 | GPRS 2TS  | 661/1880       | 1:4.15     | 0.224         | -0.05           | 27.67                | 28.5               | 1.211         | 0.271            | 22.1        |
| Back side                                                 | GPRS 2TS  | 512/1850.2     | 1:4.15     | 0.181         | 0.04            | 27.76                | 28.5               | 1.186         | 0.215            | 22.1        |
| Back side                                                 | GPRS 2TS  | 810/1909.8     | 1:4.15     | 0.257         | -0.04           | 27.84                | 28.5               | 1.164         | 0.299            | 22.1        |
| Body worn Test Data at the worst case with SIM2           |           |                |            |               |                 |                      |                    |               |                  |             |
| Back side                                                 | GPRS 2TS  | 810/1909.8     | 1:4.15     | 0.233         | -0.01           | 27.84                | 28.5               | 1.164         | 0.271            | 22.1        |
| Body worn Test Data at the worst case with Battery 2#     |           |                |            |               |                 |                      |                    |               |                  |             |
| Back side                                                 | GPRS 2TS  | 810/1909.8     | 1:4.15     | 0.291         | 0.01            | 27.84                | 28.5               | 1.164         | <b>0.339</b>     | 22.1        |
| Body worn Test Data at the worst case with Battery 3#     |           |                |            |               |                 |                      |                    |               |                  |             |
| Back side                                                 | GPRS 2TS  | 810/1909.8     | 1:4.15     | 0.232         | 0.05            | 27.84                | 28.5               | 1.164         | 0.270            | 22.1        |
| Hotspot actived for 2.4G WIFI Test data(Separate 10mm)    |           |                |            |               |                 |                      |                    |               |                  |             |
| Front side                                                | GPRS 2TS  | 661/1880       | 1:2.075    | 0.17          | -0.11           | 24.74                | 25.5               | 1.191         | 0.203            | 22.1        |
| Back side                                                 | GPRS 2TS  | 661/1880       | 1:2.075    | 0.181         | -0.13           | 24.74                | 25.5               | 1.191         | 0.216            | 22.1        |
| Left side                                                 | GPRS 2TS  | 661/1880       | 1:2.075    | 0.193         | -0.17           | 24.74                | 25.5               | 1.191         | 0.230            | 22.1        |
| Right side                                                | GPRS 2TS  | 661/1880       | 1:2.075    | 0.0379        | -0.02           | 24.74                | 25.5               | 1.191         | 0.045            | 22.1        |
| Top side                                                  | GPRS 2TS  | 661/1880       | 1:2.075    | 0.257         | -0.12           | 24.74                | 25.5               | 1.191         | 0.306            | 22.1        |
| Top side                                                  | GPRS 2TS  | 512/1850.2     | 1:2.075    | 0.224         | -0.12           | 24.84                | 25.5               | 1.164         | 0.261            | 22.1        |
| Top side                                                  | GPRS 2TS  | 810/1909.8     | 1:2.075    | 0.273         | 0.09            | 24.78                | 25.5               | 1.180         | 0.322            | 22.1        |

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| Hotspot activated for 5G WIFI Test data(Separate 10mm)    |          |            |         |        |       |       |      |       |              |      |
|-----------------------------------------------------------|----------|------------|---------|--------|-------|-------|------|-------|--------------|------|
| Front side                                                | GPRS 2TS | 661/1880   | 1:2.075 | 0.105  | -0.09 | 22.63 | 23.5 | 1.222 | 0.128        | 22.1 |
| Back side                                                 | GPRS 2TS | 661/1880   | 1:2.075 | 0.107  | 0.01  | 22.63 | 23.5 | 1.222 | 0.131        | 22.1 |
| Left side                                                 | GPRS 2TS | 661/1880   | 1:2.075 | 0.133  | -0.09 | 22.63 | 23.5 | 1.222 | 0.162        | 22.1 |
| Right side                                                | GPRS 2TS | 661/1880   | 1:2.075 | 0.0222 | -0.02 | 22.63 | 23.5 | 1.222 | 0.027        | 22.1 |
| Top side                                                  | GPRS 2TS | 661/1880   | 1:2.075 | 0.158  | -0.09 | 22.63 | 23.5 | 1.222 | 0.193        | 22.1 |
| Top side                                                  | GPRS 2TS | 512/1850.2 | 1:2.075 | 0.137  | -0.01 | 22.73 | 23.5 | 1.194 | 0.164        | 22.1 |
| Top side                                                  | GPRS 2TS | 810/1909.8 | 1:2.075 | 0.168  | -0.06 | 22.76 | 23.5 | 1.186 | 0.199        | 22.1 |
| Hotspot Test Data at the worst case with SIM2(10mm)       |          |            |         |        |       |       |      |       |              |      |
| Top side                                                  | GPRS 2TS | 810/1909.8 | 1:2.075 | 0.265  | -0.05 | 24.78 | 25.5 | 1.180 | 0.313        | 22.1 |
| Hotspot Test Data at the worst case with Battery 2#(10mm) |          |            |         |        |       |       |      |       |              |      |
| Top side                                                  | GPRS 2TS | 810/1909.8 | 1:2.075 | 0.285  | -0.09 | 24.78 | 25.5 | 1.180 | <b>0.336</b> | 22.1 |
| Hotspot Test Data at the worst case with Battery 3#(10mm) |          |            |         |        |       |       |      |       |              |      |
| Top side                                                  | GPRS 2TS | 810/1909.8 | 1:2.075 | 0.282  | -0.04 | 24.78 | 25.5 | 1.180 | 0.333        | 22.1 |

Table 18 : SAR of GSM1900 for Head and Body.

Note:

- 1) The maximum Scaled SAR value is marked in bold. Graph results refer to Appendix B
- 2) Per FCC KDB Publication 447498 D01, if the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is  $\leq 0.8$  W/kg then testing at the other channels is not required for such test configuration(s).



### 8.3.3 SAR Result Of WCDMA Band V

| Ant1 Test data                                        |           |                |            |               |                 |                      |                    |               |                  |             |
|-------------------------------------------------------|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|-------------|
| Test position                                         | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted Power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp |
| Head Test data                                        |           |                |            |               |                 |                      |                    |               |                  |             |
| Left cheek                                            | RMC       | 4182/836.6     | 1:1        | 0.15          | 0.06            | 23.51                | 24.5               | 1.256         | 0.188            | 22.3        |
| Left tilted                                           | RMC       | 4182/836.6     | 1:1        | 0.0921        | 0.08            | 23.51                | 24.5               | 1.256         | 0.116            | 22.3        |
| Right cheek                                           | RMC       | 4182/836.6     | 1:1        | 0.205         | 0.13            | 23.51                | 24.5               | 1.256         | 0.257            | 22.3        |
| Right tilted                                          | RMC       | 4182/836.6     | 1:1        | 0.0871        | -0.01           | 23.51                | 24.5               | 1.256         | 0.109            | 22.3        |
| Right cheek                                           | RMC       | 4132/826.4     | 1:1        | 0.172         | -0.02           | 23.47                | 24.5               | 1.268         | 0.218            | 22.3        |
| Right cheek                                           | RMC       | 4233/846.6     | 1:1        | 0.254         | -0.06           | 23.49                | 24.5               | 1.262         | <b>0.321</b>     | 22.3        |
| Head Test Data at the worst case with SIM2            |           |                |            |               |                 |                      |                    |               |                  |             |
| Right cheek                                           | RMC       | 4233/846.6     | 1:1        | 0.253         | -0.12           | 23.49                | 24.5               | 1.262         | 0.319            | 22.3        |
| Head Test Data at the worst case with Battery 2#      |           |                |            |               |                 |                      |                    |               |                  |             |
| Right cheek                                           | RMC       | 4233/846.6     | 1:1        | 0.235         | -0.03           | 23.49                | 24.5               | 1.262         | 0.297            | 22.3        |
| Head Test Data at the worst case with Battery 3#      |           |                |            |               |                 |                      |                    |               |                  |             |
| Right cheek                                           | RMC       | 4233/846.6     | 1:1        | 0.234         | -0.02           | 23.49                | 24.5               | 1.262         | 0.295            | 22.3        |
| Body worn Test data(Separate 15mm)                    |           |                |            |               |                 |                      |                    |               |                  |             |
| Front side                                            | RMC       | 4182/836.4     | 1:1        | 0.195         | -0.06           | 23.51                | 24.5               | 1.256         | 0.245            | 22.3        |
| Back side                                             | RMC       | 4182/836.4     | 1:1        | 0.228         | 0.12            | 23.51                | 24.5               | 1.256         | 0.286            | 22.3        |
| Back side                                             | RMC       | 4132/826.4     | 1:1        | 0.201         | 0.06            | 23.47                | 24.5               | 1.268         | 0.255            | 22.3        |
| Back side                                             | RMC       | 4233/846.6     | 1:1        | 0.272         | 0.1             | 23.49                | 24.5               | 1.262         | 0.343            | 22.3        |
| Body wornTest Data at the worst case with SIM2        |           |                |            |               |                 |                      |                    |               |                  |             |
| Back side                                             | RMC       | 4233/846.6     | 1:1        | 0.298         | 0.07            | 23.49                | 24.5               | 1.262         | 0.376            | 22.3        |
| Body worn Test Data at the worst case with Battery 2# |           |                |            |               |                 |                      |                    |               |                  |             |
| Back side                                             | RMC       | 4233/846.6     | 1:1        | 0.29          | 0.05            | 23.49                | 24.5               | 1.262         | 0.366            | 22.3        |
| Body worn Test Data at the worst case with Battery 3# |           |                |            |               |                 |                      |                    |               |                  |             |
| Back side                                             | RMC       | 4233/846.6     | 1:1        | 0.303         | 0.06            | 23.49                | 24.5               | 1.262         | <b>0.382</b>     | 22.3        |
| Hotspot Test data(Separate 10mm)                      |           |                |            |               |                 |                      |                    |               |                  |             |
| Front side                                            | RMC       | 4182/836.4     | 1:1        | 0.29          | -0.08           | 23.51                | 24.5               | 1.256         | 0.364            | 22.3        |
| Back side                                             | RMC       | 4182/836.4     | 1:1        | 0.418         | 0.09            | 23.51                | 24.5               | 1.256         | 0.525            | 22.3        |
| Left side                                             | RMC       | 4182/836.4     | 1:1        | 0.113         | 0.03            | 23.51                | 24.5               | 1.256         | 0.142            | 22.3        |
| Right side                                            | RMC       | 4182/836.4     | 1:1        | 0.359         | 0.11            | 23.51                | 24.5               | 1.256         | 0.451            | 22.3        |
| Bottom side                                           | RMC       | 4182/836.4     | 1:1        | 0.26          | 0.04            | 23.51                | 24.5               | 1.256         | 0.327            | 22.3        |
| Back side                                             | RMC       | 4132/826.4     | 1:1        | 0.328         | 0.03            | 23.47                | 24.5               | 1.268         | 0.416            | 22.3        |
| Back side                                             | RMC       | 4233/846.6     | 1:1        | 0.447         | 0.09            | 23.49                | 24.5               | 1.262         | <b>0.564</b>     | 22.3        |
| Hotspot Test Data at the worst case with SIM2         |           |                |            |               |                 |                      |                    |               |                  |             |
| Back side                                             | RMC       | 4233/846.6     | 1:1        | 0.446         | 0.07            | 23.49                | 24.5               | 1.262         | 0.563            | 22.3        |

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| Hotspot Test Data at the worst case with Battery 2#   |           |                |            |               |                 |                      |                    |               |                  |             |
|-------------------------------------------------------|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|-------------|
| Back side                                             | RMC       | 4233/846.6     | 1:1        | 0.437         | 0.07            | 23.49                | 24.5               | 1.262         | 0.551            | 22.3        |
| Hotspot Test Data at the worst case with Battery 3#   |           |                |            |               |                 |                      |                    |               |                  |             |
| Back side                                             | RMC       | 4233/846.6     | 1:1        | 0.424         | 0.1             | 23.49                | 24.5               | 1.262         | 0.535            | 22.3        |
| Ant2 Test data                                        |           |                |            |               |                 |                      |                    |               |                  |             |
| Test position                                         | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted Power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp |
| Head Test data                                        |           |                |            |               |                 |                      |                    |               |                  |             |
| Left cheek                                            | RMC       | 4182/836.6     | 1:1        | 0.564         | 0.16            | 19.38                | 20.5               | 1.294         | 0.730            | 22.3        |
| Left tilted                                           | RMC       | 4182/836.6     | 1:1        | 0.473         | -0.08           | 19.38                | 20.5               | 1.294         | 0.612            | 22.3        |
| Right cheek                                           | RMC       | 4182/836.6     | 1:1        | 0.512         | -0.03           | 19.4                 | 20.5               | 1.288         | 0.660            | 22.3        |
| Right tilted                                          | RMC       | 4182/836.6     | 1:1        | 0.448         | -0.07           | 19.4                 | 20.5               | 1.288         | 0.577            | 22.3        |
| Left cheek                                            | RMC       | 4132/826.4     | 1:1        | 0.602         | 0.02            | 19.42                | 20.5               | 1.282         | 0.772            | 22.3        |
| Left cheek                                            | RMC       | 4233/846.6     | 1:1        | 0.596         | -0.12           | 19.35                | 20.5               | 1.303         | 0.777            | 22.3        |
| Head Test Data at the worst case with SIM2            |           |                |            |               |                 |                      |                    |               |                  |             |
| Left cheek                                            | RMC       | 4233/846.6     | 1:1        | 0.61          | 0.17            | 19.35                | 20.5               | 1.303         | <b>0.795</b>     | 22.3        |
| Head Test Data at the worst case with Battery 2#      |           |                |            |               |                 |                      |                    |               |                  |             |
| Left cheek                                            | RMC       | 4233/846.6     | 1:1        | 0.603         | 0.04            | 19.35                | 20.5               | 1.303         | 0.786            | 22.3        |
| Head Test Data at the worst case with Battery 3#      |           |                |            |               |                 |                      |                    |               |                  |             |
| Left cheek                                            | RMC       | 4233/846.6     | 1:1        | 0.594         | 0.09            | 19.35                | 20.5               | 1.303         | 0.774            | 22.3        |
| Body worn Test data(Separate 15mm)                    |           |                |            |               |                 |                      |                    |               |                  |             |
| Front side                                            | RMC       | 4182/836.6     | 1:1        | 0.242         | 0.09            | 23.47                | 24.5               | 1.268         | 0.307            | 22.3        |
| Back side                                             | RMC       | 4182/836.6     | 1:1        | 0.228         | -0.02           | 23.47                | 24.5               | 1.268         | 0.289            | 22.3        |
| Front side                                            | RMC       | 4132/826.4     | 1:1        | 0.225         | 0.15            | 23.48                | 24.5               | 1.265         | 0.285            | 22.3        |
| Front side                                            | RMC       | 4233/846.6     | 1:1        | 0.232         | 0.14            | 23.43                | 24.5               | 1.279         | 0.297            | 22.3        |
| Body wornTest Data at the worst case with SIM2        |           |                |            |               |                 |                      |                    |               |                  |             |
| Front side                                            | RMC       | 4182/836.6     | 1:1        | 0.23          | 0.08            | 23.47                | 24.5               | 1.268         | 0.292            | 22.3        |
| Body worn Test Data at the worst case with Battery 2# |           |                |            |               |                 |                      |                    |               |                  |             |
| Front side                                            | RMC       | 4182/836.6     | 1:1        | 0.262         | 0.11            | 23.47                | 24.5               | 1.268         | <b>0.332</b>     | 22.3        |
| Body worn Test Data at the worst case with Battery 3# |           |                |            |               |                 |                      |                    |               |                  |             |
| Front side                                            | RMC       | 4182/836.6     | 1:1        | 0.214         | 0.12            | 23.47                | 24.5               | 1.268         | 0.271            | 22.3        |
| Hotspot 2.4GTest data(Separate 10mm)                  |           |                |            |               |                 |                      |                    |               |                  |             |
| Front side                                            | RMC       | 4182/836.4     | 1:1        | 0.201         | 0.17            | 20.44                | 21.5               | 1.276         | 0.257            | 22.3        |
| Back side                                             | RMC       | 4182/836.4     | 1:1        | 0.197         | 0.02            | 20.44                | 21.5               | 1.276         | 0.251            | 22.3        |
| Left side                                             | RMC       | 4182/836.4     | 1:1        | 0.0905        | 0.15            | 20.44                | 21.5               | 1.276         | 0.116            | 22.3        |
| Right side                                            | RMC       | 4182/836.4     | 1:1        | 0.0176        | 0.05            | 20.44                | 21.5               | 1.276         | 0.022            | 22.3        |
| Top side                                              | RMC       | 4182/836.4     | 1:1        | 0.151         | 0.07            | 20.44                | 21.5               | 1.276         | 0.193            | 22.3        |
| Front side                                            | RMC       | 4132/826.4     | 1:1        | 0.2           | 0.12            | 20.47                | 21.5               | 1.268         | 0.254            | 22.3        |
| Front side                                            | RMC       | 4233/846.6     | 1:1        | 0.215         | 0.14            | 20.41                | 21.5               | 1.285         | <b>0.276</b>     | 22.3        |

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| Hotspot 5G Test data (Separate 10mm)                                  |           |                |            |               |                 |                      |                    |               |                  |             |
|-----------------------------------------------------------------------|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|-------------|
| Front side                                                            | RMC       | 4182/836.4     | 1:1        | 0.135         | 0.12            | 18.43                | 19.5               | 1.279         | 0.173            | 22.3        |
| Back side                                                             | RMC       | 4182/836.4     | 1:1        | 0.138         | 0               | 18.43                | 19.5               | 1.279         | 0.177            | 22.3        |
| Left side                                                             | RMC       | 4182/836.4     | 1:1        | 0.0562        | 0.1             | 18.43                | 19.5               | 1.279         | 0.072            | 22.3        |
| Right side                                                            | RMC       | 4182/836.4     | 1:1        | 0.0105        | 0.09            | 18.43                | 19.5               | 1.279         | 0.013            | 22.3        |
| Top side                                                              | RMC       | 4182/836.4     | 1:1        | 0.0978        | 0.03            | 18.43                | 19.5               | 1.279         | 0.125            | 22.3        |
| Back side                                                             | RMC       | 4132/826.4     | 1:1        | 0.146         | -0.03           | 18.45                | 19.5               | 1.274         | 0.186            | 22.3        |
| Back side                                                             | RMC       | 4233/846.6     | 1:1        | 0.147         | -0.06           | 18.38                | 19.5               | 1.294         | 0.190            | 22.3        |
| Hotspot Test Data at the worst case with SIM2                         |           |                |            |               |                 |                      |                    |               |                  |             |
| Front side                                                            | RMC       | 4233/846.6     | 1:1        | 0.214         | 0.14            | 20.41                | 21.5               | 1.285         | 0.275            | 22.3        |
| Hotspot Test Data at the worst case with Battery 2#                   |           |                |            |               |                 |                      |                    |               |                  |             |
| Front side                                                            | RMC       | 4233/846.6     | 1:1        | 0.191         | 0.14            | 20.41                | 21.5               | 1.285         | 0.245            | 22.3        |
| Hotspot Test Data at the worst case with Battery 3#                   |           |                |            |               |                 |                      |                    |               |                  |             |
| Front side                                                            | RMC       | 4233/846.6     | 1:1        | 0.197         | 0.15            | 20.41                | 21.5               | 1.285         | 0.253            | 22.3        |
| Ant2 Additional Test data (simultaneous transmission with 5G WIFI+BT) |           |                |            |               |                 |                      |                    |               |                  |             |
| Test position                                                         | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted Power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp |
| Head Test data                                                        |           |                |            |               |                 |                      |                    |               |                  |             |
| Left cheek                                                            | RMC       | 4233/846.6     | 1:1        | 0.163         | 0.1             | 14.38                | 15.5               | 1.294         | 0.211            | 22.3        |

Table 19 : SAR of WCDMA Band V for Head and Body.

Note:

- 1) The maximum Scaled SAR value is marked in bold. Graph Results refer to Appendix B
- 2) If the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is  $\leq 0.8$  W/kg then testing at the other channels is not required for such test configuration(s).

### 8.3.4 SAR Result Of WCDMA Band IV

| Ant1 Test data                                        |           |                |            |               |                 |                      |                    |               |                  |             |
|-------------------------------------------------------|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|-------------|
| Test position                                         | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted Power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp |
| Head Test data                                        |           |                |            |               |                 |                      |                    |               |                  |             |
| Left cheek                                            | RMC       | 1412/1732.4    | 1:1        | 0.108         | 0.04            | 22.92                | 24                 | 1.282         | 0.138            | 22.3        |
| Left tilted                                           | RMC       | 1412/1732.4    | 1:1        | 0.0313        | -0.13           | 22.92                | 24                 | 1.282         | 0.040            | 22.3        |
| Right cheek                                           | RMC       | 1412/1732.4    | 1:1        | 0.0797        | 0.02            | 22.92                | 24                 | 1.282         | 0.102            | 22.3        |
| Right tilted                                          | RMC       | 1412/1732.4    | 1:1        | 0.0535        | 0.19            | 22.92                | 24                 | 1.282         | 0.069            | 22.3        |
| Left cheek                                            | RMC       | 1312/1712.4    | 1:1        | 0.0954        | -0.02           | 22.96                | 24                 | 1.271         | 0.121            | 22.3        |
| Left cheek                                            | RMC       | 1513/1752.6    | 1:1        | 0.0984        | 0.17            | 22.94                | 24                 | 1.276         | 0.126            | 22.3        |
| Head Test Data at the worst case with SIM2            |           |                |            |               |                 |                      |                    |               |                  |             |
| Left cheek                                            | RMC       | 1412/1732.4    | 1:1        | 0.107         | 0.03            | 22.92                | 24                 | 1.282         | 0.137            | 22.3        |
| Head Test Data at the worst case with Battery 2#      |           |                |            |               |                 |                      |                    |               |                  |             |
| Left cheek                                            | RMC       | 1412/1732.4    | 1:1        | 0.112         | 0.05            | 22.92                | 24                 | 1.282         | <b>0.144</b>     | 22.3        |
| Head Test Data at the worst case with Battery 3#      |           |                |            |               |                 |                      |                    |               |                  |             |
| Left cheek                                            | RMC       | 1412/1732.4    | 1:1        | 0.0911        | 0.03            | 22.92                | 24                 | 1.282         | 0.117            | 22.3        |
| Body worn Test data(Separate 15mm)                    |           |                |            |               |                 |                      |                    |               |                  |             |
| Front side                                            | RMC       | 1412/1732.4    | 1:1        | 0.348         | 0.02            | 22.92                | 24                 | 1.282         | 0.446            | 22.3        |
| Back side                                             | RMC       | 1412/1732.4    | 1:1        | 0.299         | 0.01            | 22.92                | 24                 | 1.282         | 0.383            | 22.3        |
| Front side                                            | RMC       | 1312/1712.4    | 1:1        | 0.283         | 0.18            | 22.96                | 24                 | 1.271         | 0.360            | 22.3        |
| Front side                                            | RMC       | 1513/1752.6    | 1:1        | 0.382         | 0.16            | 22.94                | 24                 | 1.276         | 0.488            | 22.3        |
| Body wornTest Data at the worst case with SIM2        |           |                |            |               |                 |                      |                    |               |                  |             |
| Front side                                            | RMC       | 1513/1752.6    | 1:1        | 0.345         | -0.01           | 22.94                | 24                 | 1.276         | 0.440            | 22.3        |
| Body worn Test Data at the worst case with Battery 2# |           |                |            |               |                 |                      |                    |               |                  |             |
| Front side                                            | RMC       | 1513/1752.6    | 1:1        | 0.421         | -0.08           | 22.94                | 24                 | 1.276         | <b>0.537</b>     | 22.3        |
| Body worn Test Data at the worst case with Battery 3# |           |                |            |               |                 |                      |                    |               |                  |             |
| Front side                                            | RMC       | 1513/1752.6    | 1:1        | 0.401         | -0.01           | 22.94                | 24                 | 1.276         | 0.512            | 22.3        |
| Hotspot Test data(Separate 10mm)                      |           |                |            |               |                 |                      |                    |               |                  |             |
| Front side                                            | RMC       | 1412/1732.4    | 1:1        | 0.261         | 0.07            | 20.41                | 21.5               | 1.285         | 0.335            | 22.3        |
| Back side                                             | RMC       | 1412/1732.4    | 1:1        | 0.227         | 0.01            | 20.41                | 21.5               | 1.285         | 0.292            | 22.3        |
| Left side                                             | RMC       | 1412/1732.4    | 1:1        | 0.0565        | -0.01           | 20.41                | 21.5               | 1.285         | 0.073            | 22.3        |
| Right side                                            | RMC       | 1412/1732.4    | 1:1        | 0.0186        | -0.06           | 20.41                | 21.5               | 1.285         | 0.024            | 22.3        |
| Bottom side                                           | RMC       | 1412/1732.4    | 1:1        | 0.499         | -0.02           | 20.41                | 21.5               | 1.285         | 0.641            | 22.3        |
| Bottom side                                           | RMC       | 1312/1712.4    | 1:1        | 0.419         | -0.05           | 20.45                | 21.5               | 1.274         | 0.534            | 22.3        |
| Bottom side                                           | RMC       | 1513/1752.6    | 1:1        | 0.56          | -0.03           | 20.39                | 21.5               | 1.291         | 0.723            | 22.3        |
| Hotspot Test Data at the worst case with SIM2         |           |                |            |               |                 |                      |                    |               |                  |             |
| Bottom side                                           | RMC       | 1513/1752.6    | 1:1        | 0.55          | -0.02           | 20.39                | 21.5               | 1.291         | 0.710            | 22.3        |
| Hotspot Test Data at the worst case with Battery 2#   |           |                |            |               |                 |                      |                    |               |                  |             |
| Bottom side                                           | RMC       | 1513/1752.6    | 1:1        | 0.628         | 0.13            | 20.39                | 21.5               | 1.291         | <b>0.811</b>     | 22.3        |

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| Hotspot Test Data at the worst case with Battery 3#      |           |                |            |               |                 |                      |                    |               |                  |             |
|----------------------------------------------------------|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|-------------|
| Bottom side                                              | RMC       | 1513/1752.6    | 1:1        | 0.619         | 0.12            | 20.39                | 21.5               | 1.291         | 0.799            | 22.3        |
| Ant2 Test data                                           |           |                |            |               |                 |                      |                    |               |                  |             |
| Test position                                            | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted Power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp |
| Head Test data                                           |           |                |            |               |                 |                      |                    |               |                  |             |
| Left cheek                                               | RMC       | 1412/1732.4    | 1:1        | 0.251         | -0.03           | 18.59                | 19.5               | 1.233         | 0.310            | 22.3        |
| Left tilted                                              | RMC       | 1412/1732.4    | 1:1        | 0.351         | 0.12            | 18.59                | 19.5               | 1.233         | 0.433            | 22.3        |
| Right cheek                                              | RMC       | 1412/1732.4    | 1:1        | 0.413         | 0.04            | 17.13                | 18                 | 1.222         | 0.505            | 22.3        |
| Right tilted                                             | RMC       | 1412/1732.4    | 1:1        | 0.377         | 0.03            | 17.13                | 18                 | 1.222         | 0.461            | 22.3        |
| Right cheek                                              | RMC       | 1312/1712.4    | 1:1        | 0.364         | 0.06            | 17.13                | 18                 | 1.222         | 0.445            | 22.3        |
| Right cheek                                              | RMC       | 1513/1752.6    | 1:1        | 0.465         | 0.01            | 17.14                | 18                 | 1.219         | <b>0.567</b>     | 22.3        |
| Head Test Data at the worst case with SIM2               |           |                |            |               |                 |                      |                    |               |                  |             |
| Right cheek                                              | RMC       | 1513/1752.6    | 1:1        | 0.443         | -0.02           | 17.14                | 18                 | 1.219         | 0.540            | 22.3        |
| Head Test Data at the worst case with Battery 2#         |           |                |            |               |                 |                      |                    |               |                  |             |
| Right cheek                                              | RMC       | 1513/1752.6    | 1:1        | 0.448         | -0.05           | 17.14                | 18                 | 1.219         | 0.546            | 22.3        |
| Head Test Data at the worst case with Battery 3#         |           |                |            |               |                 |                      |                    |               |                  |             |
| Right cheek                                              | RMC       | 1513/1752.6    | 1:1        | 0.376         | -0.08           | 17.14                | 18                 | 1.219         | 0.458            | 22.3        |
| Body worn Test data(Separate 15mm)                       |           |                |            |               |                 |                      |                    |               |                  |             |
| Front side                                               | RMC       | 1412/1732.4    | 1:1        | 0.12          | -0.09           | 20.62                | 21.5               | 1.225         | 0.147            | 22.3        |
| Back side                                                | RMC       | 1412/1732.4    | 1:1        | 0.134         | -0.01           | 20.62                | 21.5               | 1.225         | 0.164            | 22.3        |
| Back side                                                | RMC       | 1312/1712.4    | 1:1        | 0.111         | 0.01            | 20.69                | 21.5               | 1.205         | 0.134            | 22.3        |
| Back side                                                | RMC       | 1513/1752.6    | 1:1        | 0.148         | -0.01           | 20.65                | 21.5               | 1.216         | 0.180            | 22.3        |
| Body wornTest Data at the worst case with SIM2           |           |                |            |               |                 |                      |                    |               |                  |             |
| Back side                                                | RMC       | 1513/1752.6    | 1:1        | 0.148         | 0.04            | 20.65                | 21.5               | 1.216         | 0.180            | 22.3        |
| Body worn Test Data at the worst case with Battery 2#    |           |                |            |               |                 |                      |                    |               |                  |             |
| Back side                                                | RMC       | 1513/1752.6    | 1:1        | 0.156         | -0.13           | 20.65                | 21.5               | 1.216         | <b>0.190</b>     | 22.3        |
| Body worn Test Data at the worst case with Battery 3#    |           |                |            |               |                 |                      |                    |               |                  |             |
| Back side                                                | RMC       | 1513/1752.6    | 1:1        | 0.112         | -0.06           | 20.65                | 21.5               | 1.216         | 0.136            | 22.3        |
| Hotspot activated for 2.4G WIFI Test data(Separate 10mm) |           |                |            |               |                 |                      |                    |               |                  |             |
| Front side                                               | RMC       | 1412/1732.4    | 1:1        | 0.0937        | -0.02           | 17.73                | 18.5               | 1.194         | 0.112            | 22.3        |
| Back side                                                | RMC       | 1412/1732.4    | 1:1        | 0.119         | 0.04            | 17.73                | 18.5               | 1.194         | 0.142            | 22.3        |
| Left side                                                | RMC       | 1412/1732.4    | 1:1        | 0.105         | 0.07            | 17.73                | 18.5               | 1.194         | 0.125            | 22.3        |
| Right side                                               | RMC       | 1412/1732.4    | 1:1        | 0.00938       | -0.09           | 17.73                | 18.5               | 1.194         | 0.011            | 22.3        |
| Top side                                                 | RMC       | 1412/1732.4    | 1:1        | 0.136         | 0.05            | 17.73                | 18.5               | 1.194         | 0.162            | 22.3        |
| Top side                                                 | RMC       | 1312/1712.4    | 1:1        | 0.117         | 0.11            | 17.76                | 18.5               | 1.186         | 0.139            | 22.3        |
| Top side                                                 | RMC       | 1513/1752.6    | 1:1        | 0.147         | 0.14            | 17.57                | 18.5               | 1.239         | 0.182            | 22.3        |

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| Hotspot activated for 5G WIFI Test data(Separate 10mm) |     |             |     |         |       |       |      |       |              |      |
|--------------------------------------------------------|-----|-------------|-----|---------|-------|-------|------|-------|--------------|------|
| Front side                                             | RMC | 1412/1732.4 | 1:1 | 0.0536  | -0.13 | 15.74 | 16.5 | 1.191 | 0.064        | 22.3 |
| Back side                                              | RMC | 1412/1732.4 | 1:1 | 0.0717  | 0.09  | 15.74 | 16.5 | 1.191 | 0.085        | 22.3 |
| Left side                                              | RMC | 1412/1732.4 | 1:1 | 0.077   | 0.01  | 15.74 | 16.5 | 1.191 | 0.092        | 22.3 |
| Right side                                             | RMC | 1412/1732.4 | 1:1 | 0.00452 | -0.03 | 15.74 | 16.5 | 1.191 | 0.005        | 22.3 |
| Top side                                               | RMC | 1412/1732.4 | 1:1 | 0.0845  | 0.12  | 15.74 | 16.5 | 1.191 | 0.101        | 22.3 |
| Top side                                               | RMC | 1312/1712.4 | 1:1 | 0.0752  | 0.09  | 15.74 | 16.5 | 1.191 | 0.090        | 22.3 |
| Top side                                               | RMC | 1513/1752.6 | 1:1 | 0.0836  | 0.07  | 15.74 | 16.5 | 1.191 | 0.100        | 22.3 |
| Hotspot Test Data at the worst case with SIM2          |     |             |     |         |       |       |      |       |              |      |
| Top side                                               | RMC | 1513/1752.6 | 1:1 | 0.147   | -0.1  | 17.57 | 18.5 | 1.239 | 0.182        | 22.3 |
| Hotspot Test Data at the worst case with Battery 2#    |     |             |     |         |       |       |      |       |              |      |
| Top side                                               | RMC | 1513/1752.6 | 1:1 | 0.158   | 0.06  | 17.57 | 18.5 | 1.239 | <b>0.196</b> | 22.3 |
| Hotspot Test Data at the worst case with Battery 3#    |     |             |     |         |       |       |      |       |              |      |
| Top side                                               | RMC | 1513/1752.6 | 1:1 | 0.126   | 0.06  | 17.57 | 18.5 | 1.239 | 0.156        | 22.3 |

Table 20 : SAR of WCDMA Band IV for Head and Body.

Note:

- 1) The maximum Scaled SAR value is marked in bold. Graph Results refer to Appendix B
- 2) If the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is  $\leq 0.8$  W/kg then testing at the other channels is not required for such test configuration(s).

### 8.3.5 SAR Result Of WCDMA Band II

| Ant1 Test data                                            |           |                |            |               |                 |                      |                    |               |                  |             |
|-----------------------------------------------------------|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|-------------|
| Test position                                             | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted Power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp |
| Head Test data                                            |           |                |            |               |                 |                      |                    |               |                  |             |
| Left cheek                                                | RMC       | 9400/1880      | 1:1        | 0.159         | -0.04           | 23.47                | 24.5               | 1.268         | 0.202            | 22.3        |
| Left tilted                                               | RMC       | 9400/1880      | 1:1        | 0.0454        | 0.07            | 23.47                | 24.5               | 1.268         | 0.058            | 22.3        |
| Right cheek                                               | RMC       | 9400/1880      | 1:1        | 0.0976        | 0.07            | 23.47                | 24.5               | 1.268         | 0.124            | 22.3        |
| Right tilted                                              | RMC       | 9400/1880      | 1:1        | 0.0662        | 0.07            | 23.47                | 24.5               | 1.268         | 0.084            | 22.3        |
| Left cheek                                                | RMC       | 9262/1852.4    | 1:1        | 0.156         | 0.04            | 23.58                | 24.5               | 1.236         | 0.193            | 22.3        |
| Left cheek                                                | RMC       | 9538/1907.6    | 1:1        | 0.182         | 0.109           | 23.38                | 24.5               | 1.294         | 0.236            | 22.3        |
| Head Test Data at the worst case with SIM2                |           |                |            |               |                 |                      |                    |               |                  |             |
| Left cheek                                                | RMC       | 9538/1907.6    | 1:1        | 0.169         | 0.06            | 23.38                | 24.5               | 1.294         | 0.219            | 22.3        |
| Head Test Data at the worst case with Battery 2#          |           |                |            |               |                 |                      |                    |               |                  |             |
| Left cheek                                                | RMC       | 9538/1907.6    | 1:1        | 0.197         | -0.05           | 23.38                | 24.5               | 1.294         | <b>0.255</b>     | 22.3        |
| Head Test Data at the worst case with Battery 3#          |           |                |            |               |                 |                      |                    |               |                  |             |
| Left cheek                                                | RMC       | 9538/1907.6    | 1:1        | 0.176         | 0.04            | 23.38                | 24.5               | 1.294         | 0.228            | 22.3        |
| Body worn Test data(Separate 15mm)                        |           |                |            |               |                 |                      |                    |               |                  |             |
| Front side                                                | RMC       | 9400/1880      | 1:1        | 0.412         | 0.05            | 23.47                | 24.5               | 1.268         | 0.522            | 22.3        |
| Back side                                                 | RMC       | 9400/1880      | 1:1        | 0.421         | 0.05            | 23.47                | 24.5               | 1.268         | 0.534            | 22.3        |
| Back side                                                 | RMC       | 9262/1852.4    | 1:1        | 0.415         | 0.08            | 23.58                | 24.5               | 1.236         | 0.513            | 22.3        |
| Back side                                                 | RMC       | 9538/1907.6    | 1:1        | 0.486         | 0.12            | 23.38                | 24.5               | 1.294         | 0.629            | 22.3        |
| Body worn Test Data at the worst case with SIM2           |           |                |            |               |                 |                      |                    |               |                  |             |
| Back side                                                 | RMC       | 9538/1907.6    | 1:1        | 0.491         | -0.08           | 23.38                | 24.5               | 1.294         | 0.635            | 22.3        |
| Body worn Test Data at the worst case with Battery 2#     |           |                |            |               |                 |                      |                    |               |                  |             |
| Back side                                                 | RMC       | 9538/1907.6    | 1:1        | 0.495         | 0.05            | 23.38                | 24.5               | 1.294         | 0.641            | 22.3        |
| Body worn Test Data at the worst case with Battery 3#     |           |                |            |               |                 |                      |                    |               |                  |             |
| Back side                                                 | RMC       | 9538/1907.6    | 1:1        | 0.559         | -0.07           | 23.38                | 24.5               | 1.294         | <b>0.723</b>     | 22.3        |
| Hotspot Test data(Separate 10mm)                          |           |                |            |               |                 |                      |                    |               |                  |             |
| Front side                                                | RMC       | 9400/1880      | 1:1        | 0.233         | 0.03            | 17.96                | 19                 | 1.271         | 0.296            | 22.3        |
| Back side                                                 | RMC       | 9400/1880      | 1:1        | 0.244         | -0.02           | 17.96                | 19                 | 1.271         | 0.310            | 22.3        |
| Left side                                                 | RMC       | 9400/1880      | 1:1        | 0.0718        | -0.03           | 17.96                | 19                 | 1.271         | 0.091            | 22.3        |
| Right side                                                | RMC       | 9400/1880      | 1:1        | 0.0206        | 0.06            | 17.96                | 19                 | 1.271         | 0.026            | 22.3        |
| Bottom side                                               | RMC       | 9400/1880      | 1:1        | 0.451         | 0.01            | 17.96                | 19                 | 1.271         | 0.573            | 22.3        |
| Bottom side                                               | RMC       | 9262/1852.4    | 1:1        | 0.423         | -0.02           | 18.05                | 19                 | 1.245         | 0.526            | 22.3        |
| Bottom side                                               | RMC       | 9538/1907.6    | 1:1        | 0.505         | 0               | 17.84                | 19                 | 1.306         | 0.660            | 22.3        |
| Hotspot Test Data at the worst case with SIM2(10mm)       |           |                |            |               |                 |                      |                    |               |                  |             |
| Bottom side                                               | RMC       | 9538/1907.6    | 1:1        | 0.453         | -0.01           | 17.84                | 19                 | 1.306         | 0.592            | 22.1        |
| Hotspot Test Data at the worst case with Battery 2#(10mm) |           |                |            |               |                 |                      |                    |               |                  |             |
| Bottom side                                               | RMC       | 9538/1907.6    | 1:1        | 0.524         | -0.07           | 17.84                | 19                 | 1.306         | 0.684            | 22.1        |

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| Hotspot Test Data at the worst case with Battery 3#(10mm) |           |                |            |               |                 |                      |                    |               |                  |             |
|-----------------------------------------------------------|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|-------------|
| Bottom side                                               | RMC       | 9538/1907.6    | 1:1        | 0.535         | 0.01            | 17.84                | 19                 | 1.306         | <b>0.699</b>     | 22.1        |
| Ant2 Test data                                            |           |                |            |               |                 |                      |                    |               |                  |             |
| Test position                                             | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted Power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp |
| Head Test data                                            |           |                |            |               |                 |                      |                    |               |                  |             |
| Left cheek                                                | RMC       | 9400/1880      | 1:1        | 0.35          | -0.06           | 16.64                | 17.5               | 1.219         | 0.427            | 22.3        |
| Left tilted                                               | RMC       | 9400/1880      | 1:1        | 0.422         | 0.12            | 16.64                | 17.5               | 1.219         | 0.514            | 22.3        |
| Right cheek                                               | RMC       | 9400/1880      | 1:1        | 0.472         | 0.15            | 15.63                | 16.5               | 1.222         | 0.577            | 22.3        |
| Right tilted                                              | RMC       | 9400/1880      | 1:1        | 0.374         | 0               | 15.63                | 16.5               | 1.222         | 0.457            | 22.3        |
| Right cheek                                               | RMC       | 9262/1852.4    | 1:1        | 0.43          | 0.04            | 15.69                | 16.5               | 1.205         | 0.518            | 22.3        |
| Right cheek                                               | RMC       | 9538/1907.6    | 1:1        | 0.482         | 0.00            | 15.52                | 16.5               | 1.253         | 0.604            | 22.3        |
| Head Test Data at the worst case with SIM2                |           |                |            |               |                 |                      |                    |               |                  |             |
| Right cheek                                               | RMC       | 9538/1907.6    | 1:1        | 0.475         | -0.02           | 15.52                | 16.5               | 1.253         | 0.595            | 22.3        |
| Head Test Data at the worst case with Battery 2#          |           |                |            |               |                 |                      |                    |               |                  |             |
| Right cheek                                               | RMC       | 9538/1907.6    | 1:1        | 0.532         | -0.04           | 15.52                | 16.5               | 1.253         | <b>0.667</b>     | 22.3        |
| Head Test Data at the worst case with Battery 3#          |           |                |            |               |                 |                      |                    |               |                  |             |
| Right cheek                                               | RMC       | 9538/1907.6    | 1:1        | 0.49          | -0.03           | 15.52                | 16.5               | 1.253         | 0.614            | 22.3        |
| Body worn Test data(Separate 15mm)                        |           |                |            |               |                 |                      |                    |               |                  |             |
| Front side                                                | RMC       | 9400/1880      | 1:1        | 0.186         | -0.11           | 20.72                | 21.5               | 1.197         | 0.223            | 22.3        |
| Back side                                                 | RMC       | 9400/1880      | 1:1        | 0.206         | -0.02           | 20.72                | 21.5               | 1.197         | 0.247            | 22.3        |
| Back side                                                 | RMC       | 9262/1852.4    | 1:1        | 0.198         | 0.12            | 20.75                | 21.5               | 1.189         | 0.235            | 22.3        |
| Back side                                                 | RMC       | 9538/1907.6    | 1:1        | 0.21          | 0.15            | 20.61                | 21.5               | 1.227         | 0.258            | 22.3        |
| Body worn Test Data at the worst case with SIM2           |           |                |            |               |                 |                      |                    |               |                  |             |
| Back side                                                 | RMC       | 9538/1907.6    | 1:1        | 0.21          | -0.16           | 20.61                | 21.5               | 1.227         | 0.258            | 22.3        |
| Body worn Test Data at the worst case with Battery 2#     |           |                |            |               |                 |                      |                    |               |                  |             |
| Back side                                                 | RMC       | 9538/1907.6    | 1:1        | 0.216         | 0.14            | 20.61                | 21.5               | 1.227         | <b>0.265</b>     | 22.3        |
| Body worn Test Data at the worst case with Battery 3#     |           |                |            |               |                 |                      |                    |               |                  |             |
| Back side                                                 | RMC       | 9538/1907.6    | 1:1        | 0.186         | 0.11            | 20.61                | 21.5               | 1.227         | 0.228            | 22.3        |
| Hotspot actived for 2.4G WIFI Test data(Separate 10mm)    |           |                |            |               |                 |                      |                    |               |                  |             |
| Front side                                                | RMC       | 9400/1880      | 1:1        | 0.12          | -0.02           | 17.73                | 18.5               | 1.194         | 0.143            | 22.3        |
| Back side                                                 | RMC       | 9400/1880      | 1:1        | 0.156         | -0.04           | 17.73                | 18.5               | 1.194         | 0.186            | 22.3        |
| Left side                                                 | RMC       | 9400/1880      | 1:1        | 0.17          | 0.09            | 17.73                | 18.5               | 1.194         | 0.203            | 22.3        |
| Right side                                                | RMC       | 9400/1880      | 1:1        | 0.0315        | -0.02           | 17.73                | 18.5               | 1.194         | 0.038            | 22.3        |
| Top side                                                  | RMC       | 9400/1880      | 1:1        | 0.238         | -0.06           | 17.73                | 18.5               | 1.194         | 0.284            | 22.3        |
| Top side                                                  | RMC       | 9262/1852.4    | 1:1        | 0.235         | 0.06            | 17.76                | 18.5               | 1.186         | 0.279            | 22.3        |
| Top side                                                  | RMC       | 9538/1907.6    | 1:1        | 0.235         | 0.04            | 17.57                | 18.5               | 1.239         | 0.291            | 22.3        |

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| Hotspot activated for 5G WiFi Test data (Separate 10mm)   |     |             |     |        |       |       |      |       |              |      |
|-----------------------------------------------------------|-----|-------------|-----|--------|-------|-------|------|-------|--------------|------|
| Front side                                                | RMC | 9400/1880   | 1:1 | 0.0906 | -0.03 | 15.74 | 16.5 | 1.191 | 0.108        | 22.3 |
| Back side                                                 | RMC | 9400/1880   | 1:1 | 0.1    | 0.04  | 15.74 | 16.5 | 1.191 | 0.119        | 22.3 |
| Left side                                                 | RMC | 9400/1880   | 1:1 | 0.103  | -0.08 | 15.74 | 16.5 | 1.191 | 0.123        | 22.3 |
| Right side                                                | RMC | 9400/1880   | 1:1 | 0.0191 | -0.12 | 15.74 | 16.5 | 1.191 | 0.023        | 22.3 |
| Top side                                                  | RMC | 9400/1880   | 1:1 | 0.141  | -0.06 | 15.74 | 16.5 | 1.191 | 0.168        | 22.3 |
| Top side                                                  | RMC | 9262/1852.4 | 1:1 | 0.142  | -0.18 | 15.74 | 16.5 | 1.191 | 0.169        | 22.3 |
| Top side                                                  | RMC | 9538/1907.6 | 1:1 | 0.14   | -0.04 | 15.74 | 16.5 | 1.191 | 0.167        | 22.3 |
| Hotspot Test Data at the worst case with SIM2(10mm)       |     |             |     |        |       |       |      |       |              |      |
| Top side                                                  | RMC | 9538/1907.6 | 1:1 | 0.228  | -0.07 | 17.57 | 18.5 | 1.239 | 0.282        | 22.3 |
| Hotspot Test Data at the worst case with Battery 2#(10mm) |     |             |     |        |       |       |      |       |              |      |
| Top side                                                  | RMC | 9538/1907.6 | 1:1 | 0.239  | -0.16 | 17.57 | 18.5 | 1.239 | <b>0.296</b> | 22.3 |
| Hotspot Test Data at the worst case with Battery 3#(10mm) |     |             |     |        |       |       |      |       |              |      |
| Top side                                                  | RMC | 9538/1907.6 | 1:1 | 0.228  | -0.04 | 17.57 | 18.5 | 1.239 | 0.282        | 22.3 |

Table 21 : SAR of WCDMA Band II for Head and Body.

Note:

- 1) The maximum Scaled SAR value is marked in bold. Graph Results refer to Appendix B
- 2) If the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is  $\leq 0.8$  W/kg then testing at the other channels is not required for such test configuration(s).

### 8.3.6 SAR Result Of LTE Band 2

| Ant1 Test data                                        |     |           |                |            |               |                 |                      |                    |               |                  |              |
|-------------------------------------------------------|-----|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|--------------|
| Test position                                         | BW. | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp. |
| Head Test data(1RB_0 offset)                          |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                            | 20  | QPSK      | 18700/1860     | 1:1        | 0.146         | -0.03           | 23.16                | 24                 | 1.213         | 0.177            | 22.3         |
| Left tilted                                           | 20  | QPSK      | 18700/1860     | 1:1        | 0.0542        | 0.16            | 23.16                | 24                 | 1.213         | 0.066            | 22.3         |
| Right cheek                                           | 20  | QPSK      | 18700/1860     | 1:1        | 0.0973        | 0.15            | 23.16                | 24                 | 1.213         | 0.118            | 22.3         |
| Right tilted                                          | 20  | QPSK      | 18700/1860     | 1:1        | 0.0787        | 0.08            | 23.16                | 24                 | 1.213         | 0.095            | 22.3         |
| Left cheek                                            | 20  | QPSK      | 18900/1880     | 1:1        | 0.132         | 0.06            | 23.11                | 24                 | 1.227         | 0.162            | 22.3         |
| Left cheek                                            | 20  | QPSK      | 19100/1900     | 1:1        | 0.125         | 0.06            | 23.09                | 24                 | 1.233         | 0.154            | 22.3         |
| Head Test data(50%RB_0 offset)                        |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                            | 20  | QPSK      | 18700/1860     | 1:1        | 0.109         | 0.08            | 22.05                | 23                 | 1.245         | 0.136            | 22.3         |
| Left tilted                                           | 20  | QPSK      | 18700/1860     | 1:1        | 0.0393        | 0.2             | 22.05                | 23                 | 1.245         | 0.049            | 22.3         |
| Right cheek                                           | 20  | QPSK      | 18700/1860     | 1:1        | 0.077         | 0.06            | 22.05                | 23                 | 1.245         | 0.096            | 22.3         |
| Right tilted                                          | 20  | QPSK      | 18700/1860     | 1:1        | 0.0567        | 0.03            | 22.05                | 23                 | 1.245         | 0.071            | 22.3         |
| Head Test Data at the worst case with SIM2            |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                            | 20  | QPSK      | 18700/1860     | 1:1        | 0.148         | 0.02            | 23.16                | 24                 | 1.213         | 0.180            | 22.3         |
| Head Test Data at the worst case with Battery 2#      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                            | 20  | QPSK      | 18700/1860     | 1:1        | 0.164         | 0.03            | 23.16                | 24                 | 1.213         | <b>0.199</b>     | 22.3         |
| Head Test Data at the worst case with Battery 3#      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                            | 20  | QPSK      | 18700/1860     | 1:1        | 0.154         | 0.06            | 23.16                | 24                 | 1.213         | 0.187            | 22.3         |
| Body worn Test data(Separate 15mm 1RB_0 offset)       |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                            | 20  | QPSK      | 18700/1860     | 1:1        | 0.384         | 0.15            | 23.16                | 24                 | 1.213         | 0.466            | 22.3         |
| Back side                                             | 20  | QPSK      | 18700/1860     | 1:1        | 0.379         | 0.04            | 23.16                | 24                 | 1.213         | 0.460            | 22.3         |
| Front side                                            | 20  | QPSK      | 18900/1880     | 1:1        | 0.385         | 0.11            | 23.11                | 24                 | 1.227         | 0.473            | 22.3         |
| Front side                                            | 20  | QPSK      | 19100/1900     | 1:1        | 0.404         | -0.05           | 23.09                | 24                 | 1.233         | 0.498            | 22.3         |
| Body worn Test data (Separate 15mm 50%RB_0 offset)    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                            | 20  | QPSK      | 18700/1860     | 1:1        | 0.293         | -0.01           | 22.05                | 23                 | 1.245         | 0.365            | 22.3         |
| Back side                                             | 20  | QPSK      | 18700/1860     | 1:1        | 0.295         | 0.16            | 22.05                | 23                 | 1.245         | 0.367            | 22.3         |
| Body worn Test Data at the worst case with SIM2       |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                            | 20  | QPSK      | 19100/1900     | 1:1        | 0.402         | 0.15            | 23.09                | 24                 | 1.233         | 0.496            | 22.3         |
| Body worn Test Data at the worst case with Battery 2# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                            | 20  | QPSK      | 19100/1900     | 1:1        | 0.493         | 0               | 23.09                | 24                 | 1.233         | <b>0.608</b>     | 22.3         |
| Body worn Test Data at the worst case with Battery 3# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                            | 20  | QPSK      | 19100/1900     | 1:1        | 0.463         | 0.13            | 23.09                | 24                 | 1.233         | 0.571            | 22.3         |

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| Hotspot Test data(Separate 10mm 1RB_0 offset)       |     |           |                |            |               |                 |                      |                    |               |                  |              |
|-----------------------------------------------------|-----|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|--------------|
| Front side                                          | 20  | QPSK      | 18700/1860     | 1:1        | 0.244         | -0.02           | 18.2                 | 19                 | 1.202         | 0.293            | 22.3         |
| Back side                                           | 20  | QPSK      | 18700/1860     | 1:1        | 0.255         | 0.03            | 18.2                 | 19                 | 1.202         | 0.307            | 22.3         |
| Left side                                           | 20  | QPSK      | 18700/1860     | 1:1        | 0.0755        | 0.08            | 18.2                 | 19                 | 1.202         | 0.091            | 22.3         |
| Right side                                          | 20  | QPSK      | 18700/1860     | 1:1        | 0.0197        | 0.01            | 18.2                 | 19                 | 1.202         | 0.024            | 22.3         |
| Bottom side                                         | 20  | QPSK      | 18700/1860     | 1:1        | 0.449         | -0.05           | 18.2                 | 19                 | 1.202         | 0.540            | 22.3         |
| Hotspot Test data (Separate 10mm 50%RB_0 offset)    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                          | 20  | QPSK      | 18700/1860     | 1:1        | 0.236         | -0.06           | 18.09                | 19                 | 1.233         | 0.291            | 22.3         |
| Back side                                           | 20  | QPSK      | 18700/1860     | 1:1        | 0.249         | 0.06            | 18.09                | 19                 | 1.233         | 0.307            | 22.3         |
| Left side                                           | 20  | QPSK      | 18700/1860     | 1:1        | 0.0733        | -0.03           | 18.09                | 19                 | 1.233         | 0.090            | 22.3         |
| Right side                                          | 20  | QPSK      | 18700/1860     | 1:1        | 0.0185        | 0.06            | 18.09                | 19                 | 1.233         | 0.023            | 22.3         |
| Bottom side                                         | 20  | QPSK      | 18700/1860     | 1:1        | 0.442         | -0.03           | 18.09                | 19                 | 1.233         | 0.545            | 22.3         |
| Bottom side                                         | 20  | QPSK      | 18900/1880     | 1:1        | 0.442         | -0.08           | 18.03                | 19                 | 1.250         | 0.553            | 22.3         |
| Bottom side                                         | 20  | QPSK      | 19100/1900     | 1:1        | 0.492         | -0.07           | 17.97                | 19                 | 1.268         | 0.624            | 22.3         |
| Hotspot Test Data at the worst case with SIM2       |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Bottom side                                         | 20  | QPSK      | 19100/1900     | 1:1        | 0.48          | -0.07           | 17.97                | 19                 | 1.268         | 0.608            | 22.3         |
| Hotspot Test Data at the worst case with Battery 2# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Bottom side                                         | 20  | QPSK      | 19100/1900     | 1:1        | 0.586         | -0.04           | 17.97                | 19                 | 1.268         | <b>0.743</b>     | 22.3         |
| Hotspot Test Data at the worst case with Battery 3# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Bottom side                                         | 20  | QPSK      | 19100/1900     | 1:1        | 0.535         | -0.03           | 17.97                | 19                 | 1.268         | 0.678            | 22.3         |
| Ant2 Test data                                      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Test position                                       | BW. | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp. |
| Head Test data(1RB_0 offset)                        |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                          | 20  | QPSK      | 18700/1860     | 1:1        | 0.319         | -0.01           | 17.68                | 18                 | 1.076         | 0.343            | 22.3         |
| Left tilted                                         | 20  | QPSK      | 18700/1860     | 1:1        | 0.428         | 0.05            | 17.68                | 18                 | 1.076         | 0.461            | 22.3         |
| Right cheek                                         | 20  | QPSK      | 18700/1860     | 1:1        | 0.403         | -0.08           | 15.65                | 16                 | 1.084         | 0.437            | 22.3         |
| Right tilted                                        | 20  | QPSK      | 18700/1860     | 1:1        | 0.351         | -0.01           | 15.65                | 16                 | 1.084         | 0.380            | 22.3         |
| Head Test data(50%RB_0 offset)                      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                          | 20  | QPSK      | 18700/1860     | 1:1        | 0.313         | 0.03            | 17.61                | 18                 | 1.094         | 0.342            | 22.3         |
| Left tilted                                         | 20  | QPSK      | 18700/1860     | 1:1        | 0.425         | 0.05            | 17.61                | 18                 | 1.094         | 0.465            | 22.3         |
| Right cheek                                         | 20  | QPSK      | 18700/1860     | 1:1        | 0.395         | -0.01           | 15.58                | 16                 | 1.102         | 0.435            | 22.3         |
| Right tilted                                        | 20  | QPSK      | 18700/1860     | 1:1        | 0.345         | -0.06           | 15.58                | 16                 | 1.102         | 0.380            | 22.3         |
| Left tilted                                         | 20  | QPSK      | 18900/1880     | 1:1        | 0.461         | 0.05            | 17.51                | 18                 | 1.119         | 0.516            | 22.3         |
| Left tilted                                         | 20  | QPSK      | 19100/1900     | 1:1        | 0.457         | 0.01            | 17.47                | 18                 | 1.130         | 0.516            | 22.3         |
| Head Test Data at the worst case with SIM2          |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left tilted                                         | 20  | QPSK      | 18900/1880     | 1:1        | 0.454         | 0.06            | 17.51                | 18                 | 1.119         | 0.508            | 22.3         |
| Head Test Data at the worst case with Battery 2#    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left tilted                                         | 20  | QPSK      | 18900/1880     | 1:1        | 0.498         | 0.01            | 17.51                | 18                 | 1.119         | <b>0.557</b>     | 22.3         |

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| Head Test Data at the worst case with Battery 3#                         |    |      |            |     |        |       |       |      |       |              |      |
|--------------------------------------------------------------------------|----|------|------------|-----|--------|-------|-------|------|-------|--------------|------|
| Left tilted                                                              | 20 | QPSK | 18900/1880 | 1:1 | 0.421  | 0.11  | 17.51 | 18   | 1.119 | 0.471        | 22.3 |
| Body worn Test data(Separate 15mm 1RB_0 offset)                          |    |      |            |     |        |       |       |      |       |              |      |
| Front side                                                               | 20 | QPSK | 18900/1880 | 1:1 | 0.189  | -0.15 | 21.26 | 21.5 | 1.057 | 0.200        | 22.3 |
| Back side                                                                | 20 | QPSK | 18900/1880 | 1:1 | 0.215  | -0.07 | 21.26 | 21.5 | 1.057 | 0.227        | 22.3 |
| Body worn Test data (Separate 15mm 50%RB_0 offset)                       |    |      |            |     |        |       |       |      |       |              |      |
| Front side                                                               | 20 | QPSK | 18900/1880 | 1:1 | 0.184  | -0.1  | 21.07 | 21.5 | 1.104 | 0.203        | 22.3 |
| Back side                                                                | 20 | QPSK | 18900/1880 | 1:1 | 0.212  | -0.08 | 21.07 | 21.5 | 1.104 | 0.234        | 22.3 |
| Back side                                                                | 20 | QPSK | 18700/1860 | 1:1 | 0.204  | 0     | 21.06 | 21.5 | 1.107 | 0.226        | 22.3 |
| Back side                                                                | 20 | QPSK | 19100/1900 | 1:1 | 0.223  | -0.04 | 20.97 | 21.5 | 1.130 | 0.252        | 22.3 |
| Body worn Test data at the worst case with SIM2                          |    |      |            |     |        |       |       |      |       |              |      |
| Back side                                                                | 20 | QPSK | 19100/1900 | 1:1 | 0.223  | 0.04  | 20.97 | 21.5 | 1.130 | 0.252        | 22.3 |
| Body worn Test data at the worst case with Battery 2#                    |    |      |            |     |        |       |       |      |       |              |      |
| Back side                                                                | 20 | QPSK | 19100/1900 | 1:1 | 0.252  | 0.02  | 20.97 | 21.5 | 1.130 | <b>0.285</b> | 22.3 |
| Body worn Test data at the worst case with Battery 3#                    |    |      |            |     |        |       |       |      |       |              |      |
| Back side                                                                | 20 | QPSK | 19100/1900 | 1:1 | 0.18   | 0     | 20.97 | 21.5 | 1.130 | 0.203        | 22.3 |
| Hotspot activated for 2.4G WIFI Test data(Separate 10mm 1RB_50 offset)   |    |      |            |     |        |       |       |      |       |              |      |
| Front side                                                               | 20 | QPSK | 18700/1860 | 1:1 | 0.143  | -0.01 | 18.37 | 18.5 | 1.030 | 0.147        | 22.3 |
| Back side                                                                | 20 | QPSK | 18700/1860 | 1:1 | 0.16   | -0.02 | 18.37 | 18.5 | 1.030 | 0.165        | 22.3 |
| Left side                                                                | 20 | QPSK | 18700/1860 | 1:1 | 0.173  | -0.13 | 18.37 | 18.5 | 1.030 | 0.178        | 22.3 |
| Right side                                                               | 20 | QPSK | 18700/1860 | 1:1 | 0.0299 | 0.14  | 18.37 | 18.5 | 1.030 | 0.031        | 22.3 |
| Top side                                                                 | 20 | QPSK | 18700/1860 | 1:1 | 0.227  | -0.13 | 18.37 | 18.5 | 1.030 | 0.234        | 22.3 |
| Hotspot activated for 2.4G WIFI Test data (Separate 10mm 50%RB_0 offset) |    |      |            |     |        |       |       |      |       |              |      |
| Front side                                                               | 20 | QPSK | 18700/1860 | 1:1 | 0.148  | -0.03 | 18.07 | 18.5 | 1.104 | 0.163        | 22.3 |
| Back side                                                                | 20 | QPSK | 18700/1860 | 1:1 | 0.183  | 0.06  | 18.07 | 18.5 | 1.104 | 0.202        | 22.3 |
| Left side                                                                | 20 | QPSK | 18700/1860 | 1:1 | 0.174  | 0.06  | 18.07 | 18.5 | 1.104 | 0.192        | 22.3 |
| Right side                                                               | 20 | QPSK | 18700/1860 | 1:1 | 0.0298 | -0.05 | 18.07 | 18.5 | 1.104 | 0.033        | 22.3 |
| Top side                                                                 | 20 | QPSK | 18700/1860 | 1:1 | 0.227  | -0.09 | 18.07 | 18.5 | 1.104 | 0.251        | 22.3 |
| Top side                                                                 | 20 | QPSK | 18900/1880 | 1:1 | 0.242  | -0.09 | 17.98 | 18.5 | 1.127 | 0.273        | 22.3 |
| Top side                                                                 | 20 | QPSK | 19100/1900 | 1:1 | 0.232  | 0.08  | 17.89 | 18.5 | 1.151 | 0.267        | 22.3 |
| Hotspot activated for 5G WIFI Test data(Separate 10mm 1RB_0 offset)      |    |      |            |     |        |       |       |      |       |              |      |
| Front side                                                               | 20 | QPSK | 18700/1860 | 1:1 | 0.0867 | 0.05  | 16.14 | 16.5 | 1.086 | 0.094        | 22.3 |
| Back side                                                                | 20 | QPSK | 18700/1860 | 1:1 | 0.11   | 0.04  | 16.14 | 16.5 | 1.086 | 0.120        | 22.3 |
| Left side                                                                | 20 | QPSK | 18700/1860 | 1:1 | 0.121  | 0.02  | 16.14 | 16.5 | 1.086 | 0.131        | 22.3 |
| Right side                                                               | 20 | QPSK | 18700/1860 | 1:1 | 0.0178 | 0     | 16.14 | 16.5 | 1.086 | 0.019        | 22.3 |
| Top side                                                                 | 20 | QPSK | 18700/1860 | 1:1 | 0.145  | 0.11  | 16.14 | 16.5 | 1.086 | 0.158        | 22.3 |
| Top side                                                                 | 20 | QPSK | 18900/1880 | 1:1 | 0.149  | -0.04 | 16.08 | 16.5 | 1.102 | 0.164        | 22.3 |
| Top side                                                                 | 20 | QPSK | 19100/1900 | 1:1 | 0.148  | -0.03 | 15.92 | 16.5 | 1.143 | 0.169        | 22.3 |

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| Hotspot activated for 5G WIFI Test data (Separate 10mm 50%RB_0 offset) |    |      |            |     |        |       |       |      |       |              |      |
|------------------------------------------------------------------------|----|------|------------|-----|--------|-------|-------|------|-------|--------------|------|
| Front side                                                             | 20 | QPSK | 18700/1860 | 1:1 | 0.0836 | 0     | 15.99 | 16.5 | 1.125 | 0.094        | 22.3 |
| Back side                                                              | 20 | QPSK | 18700/1860 | 1:1 | 0.107  | 0.01  | 15.99 | 16.5 | 1.125 | 0.120        | 22.3 |
| Left side                                                              | 20 | QPSK | 18700/1860 | 1:1 | 0.117  | 0.1   | 15.99 | 16.5 | 1.125 | 0.132        | 22.3 |
| Right side                                                             | 20 | QPSK | 18700/1860 | 1:1 | 0.0174 | -0.09 | 15.99 | 16.5 | 1.125 | 0.020        | 22.3 |
| Top side                                                               | 20 | QPSK | 18700/1860 | 1:1 | 0.141  | 0.09  | 15.99 | 16.5 | 1.125 | 0.159        | 22.3 |
| Hotspot Test Data at the worst case with SIM2                          |    |      |            |     |        |       |       |      |       |              |      |
| Top side                                                               | 20 | QPSK | 18900/1880 | 1:1 | 0.243  | 0.18  | 17.98 | 18.5 | 1.127 | 0.274        | 22.3 |
| Hotspot Test Data at the worst case with Battery 2#                    |    |      |            |     |        |       |       |      |       |              |      |
| Top side                                                               | 20 | QPSK | 18900/1880 | 1:1 | 0.275  | -0.08 | 17.98 | 18.5 | 1.127 | <b>0.310</b> | 22.3 |
| Hotspot Test Data at the worst case with Battery 3#                    |    |      |            |     |        |       |       |      |       |              |      |
| Top side                                                               | 20 | QPSK | 18900/1880 | 1:1 | 0.234  | -0.09 | 17.98 | 18.5 | 1.127 | 0.264        | 22.3 |

Table 22 : SAR of LTE Band 2 for Head and Body.

Note:

- 1) The maximum Scaled SAR value is marked in bold. Graph results refer to Appendix B
- 2) If the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is  $\leq 0.8$  W/kg then testing at the other channels is not required for such test configuration(s).



## 8.3.7 SAR Result Of LTE Band 4

| Ant1 Test data                                        |     |           |                |            |               |                 |                      |                    |               |                  |              |
|-------------------------------------------------------|-----|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|--------------|
| Test position                                         | BW. | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp. |
| Head Test data(1RB_0 offset)                          |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                            | 20  | QPSK      | 20050/1720     | 1:1        | 0.117         | -0.02           | 23.62                | 24                 | 1.091         | <b>0.128</b>     | 22.3         |
| Left tilted                                           | 20  | QPSK      | 20050/1720     | 1:1        | 0.0523        | 0.19            | 23.62                | 24                 | 1.091         | 0.057            | 22.3         |
| Right cheek                                           | 20  | QPSK      | 20050/1720     | 1:1        | 0.0616        | 0.13            | 23.62                | 24                 | 1.091         | 0.067            | 22.3         |
| Right tilted                                          | 20  | QPSK      | 20050/1720     | 1:1        | 0.0446        | 0.07            | 23.62                | 24                 | 1.091         | 0.049            | 22.3         |
| Left cheek                                            | 20  | QPSK      | 20175/1732.5   | 1:1        | 0.107         | -0.03           | 23.60                | 24                 | 1.096         | 0.117            | 22.3         |
| Left cheek                                            | 20  | QPSK      | 20300/1745     | 1:1        | 0.113         | -0.03           | 23.57                | 24                 | 1.104         | 0.125            | 22.3         |
| Head Test data(50%RB_0 offset)                        |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                            | 20  | QPSK      | 20050/1720     | 1:1        | 0.0735        | 0.05            | 21.55                | 23                 | 1.091         | 0.08             | 22.3         |
| Left tilted                                           | 20  | QPSK      | 20050/1720     | 1:1        | 0.0298        | 0.11            | 21.55                | 23                 | 1.396         | 0.042            | 22.3         |
| Right cheek                                           | 20  | QPSK      | 20050/1720     | 1:1        | 0.039         | 0.02            | 21.55                | 23                 | 1.396         | 0.054            | 22.3         |
| Right tilted                                          | 20  | QPSK      | 20050/1720     | 1:1        | 0.0268        | 0.02            | 21.55                | 23                 | 1.396         | 0.037            | 22.3         |
| Head Test Data at the worst case with SIM2            |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                            | 20  | QPSK      | 20050/1720     | 1:1        | 0.101         | 0.07            | 23.62                | 24                 | 1.091         | 0.110            | 22.3         |
| Head Test Data at the worst case with Battery 2#      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                            | 20  | QPSK      | 20050/1720     | 1:1        | 0.111         | 0.08            | 23.62                | 24                 | 1.091         | 0.121            | 22.3         |
| Head Test Data at the worst case with Battery 3#      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                            | 20  | QPSK      | 20050/1720     | 1:1        | 0.105         | 0.08            | 23.62                | 24                 | 1.091         | 0.115            | 22.3         |
| Body worn Test data(Separate 15mm 1RB_0 offset)       |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                            | 20  | QPSK      | 20050/1720     | 1:1        | 0.3           | -0.07           | 23.62                | 24                 | 1.091         | 0.327            | 22.3         |
| Back side                                             | 20  | QPSK      | 20050/1720     | 1:1        | 0.255         | 0.12            | 23.62                | 24                 | 1.091         | 0.278            | 22.3         |
| Front side                                            | 20  | QPSK      | 20175/1732.5   | 1:1        | 0.321         | -0.08           | 23.60                | 24                 | 1.096         | 0.352            | 22.3         |
| Front side                                            | 20  | QPSK      | 20300/1745     | 1:1        | 0.332         | 0.14            | 23.57                | 24                 | 1.104         | 0.367            | 22.3         |
| Body worn Test data (Separate 15mm 50%RB_0 offset)    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                            | 20  | QPSK      | 20050/1720     | 1:1        | 0.186         | 0.04            | 21.55                | 23                 | 1.396         | 0.260            | 22.3         |
| Back side                                             | 20  | QPSK      | 20050/1720     | 1:1        | 0.168         | 0.06            | 21.55                | 23                 | 1.396         | 0.235            | 22.3         |
| Body worn Test Data at the worst case with SIM2       |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                            | 20  | QPSK      | 20300/1745     | 1:1        | 0.33          | -0.06           | 23.57                | 24                 | 1.104         | 0.364            | 22.3         |
| Body worn Test Data at the worst case with Battery 2# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                            | 20  | QPSK      | 20300/1745     | 1:1        | 0.386         | 0.11            | 23.57                | 24                 | 1.104         | <b>0.426</b>     | 22.3         |
| Body worn Test Data at the worst case with Battery 3# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                            | 20  | QPSK      | 20300/1745     | 1:1        | 0.371         | 0.07            | 23.57                | 24                 | 1.104         | 0.410            | 22.3         |
| Hotspot Test data (Separate 10mm 1RB_0 offset)        |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                            | 20  | QPSK      | 20050/1720     | 1:1        | 0.224         | 0.07            | 19.68                | 20                 | 1.076         | 0.241            | 22.3         |
| Back side                                             | 20  | QPSK      | 20050/1720     | 1:1        | 0.198         | 0.11            | 19.68                | 20                 | 1.076         | 0.213            | 22.3         |
| Left side                                             | 20  | QPSK      | 20050/1720     | 1:1        | 0.0447        | -0.16           | 19.68                | 20                 | 1.076         | 0.048            | 22.3         |
| Right side                                            | 20  | QPSK      | 20050/1720     | 1:1        | 0.0152        | 0.05            | 19.68                | 20                 | 1.076         | 0.016            | 22.3         |
| Bottom side                                           | 20  | QPSK      | 20050/1720     | 1:1        | 0.419         | -0.06           | 19.68                | 20                 | 1.076         | 0.451            | 22.3         |

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| Hotspot Test data (Separate 10mm 50%RB_0 offset)    |     |           |                |            |               |                 |                      |                    |               |                  |              |
|-----------------------------------------------------|-----|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|--------------|
| Front side                                          | 20  | QPSK      | 20050/1720     | 1:1        | 0.228         | 0.05            | 19.63                | 20                 | 1.089         | 0.248            | 22.3         |
| Back side                                           | 20  | QPSK      | 20050/1720     | 1:1        | 0.204         | 0.06            | 19.63                | 20                 | 1.089         | 0.222            | 22.3         |
| Left side                                           | 20  | QPSK      | 20050/1720     | 1:1        | 0.0456        | 0.02            | 19.63                | 20                 | 1.089         | 0.050            | 22.3         |
| Right side                                          | 20  | QPSK      | 20050/1720     | 1:1        | 0.0158        | 0.02            | 19.63                | 20                 | 1.089         | 0.017            | 22.3         |
| Bottom side                                         | 20  | QPSK      | 20050/1720     | 1:1        | 0.427         | 0.01            | 19.63                | 20                 | 1.089         | 0.465            | 22.3         |
| Bottom side                                         | 20  | QPSK      | 20175/1732.5   | 1:1        | 0.489         | 0.05            | 19.57                | 20                 | 1.104         | 0.540            | 22.3         |
| Bottom side                                         | 20  | QPSK      | 20300/1745     | 1:1        | 0.534         | 0.03            | 19.53                | 20                 | 1.114         | 0.595            | 22.3         |
| Hotspot Test Data at the worst case with SIM2       |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Bottom side                                         | 20  | QPSK      | 20300/1745     | 1:1        | 0.533         | 0               | 19.53                | 20                 | 1.114         | 0.594            | 22.3         |
| Hotspot Test Data at the worst case with Battery 2# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Bottom side                                         | 20  | QPSK      | 20300/1745     | 1:1        | 0.634         | -0.05           | 19.53                | 20                 | 1.114         | <b>0.706</b>     | 22.3         |
| Hotspot Test Data at the worst case with Battery 3# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Bottom side                                         | 20  | QPSK      | 20300/1745     | 1:1        | 0.588         | -0.03           | 19.53                | 20                 | 1.114         | 0.655            | 22.3         |
| Ant2 Test data                                      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Test position                                       | BW. | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp. |
| Head Test data(1RB_0 offset)                        |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                          | 20  | QPSK      | 20050/1720     | 1:1        | 0.307         | 0.01            | 20.47                | 20.5               | 1.007         | 0.309            | 22.3         |
| Left tilted                                         | 20  | QPSK      | 20050/1720     | 1:1        | 0.449         | 0.1             | 20.47                | 20.5               | 1.007         | 0.452            | 22.3         |
| Right cheek                                         | 20  | QPSK      | 20050/1720     | 1:1        | 0.356         | -0.04           | 17.96                | 18                 | 1.009         | 0.359            | 22.3         |
| Right tilted                                        | 20  | QPSK      | 20050/1720     | 1:1        | 0.316         | 0.06            | 17.96                | 18                 | 1.009         | 0.319            | 22.3         |
| Left tilted                                         | 20  | QPSK      | 20300/1745     | 1:1        | 0.455         | 0.09            | 20.41                | 20.5               | 1.021         | 0.465            | 22.3         |
| Left tilted                                         | 20  | QPSK      | 20175/1732.5   | 1:1        | 0.434         | 0               | 20.46                | 20.5               | 1.009         | 0.438            | 22.3         |
| Head Test data(50%RB_25 offset)                     |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                          | 20  | QPSK      | 20050/1720     | 1:1        | 0.314         | 0.06            | 20.47                | 20.5               | 1.007         | 0.316            | 22.3         |
| Left tilted                                         | 20  | QPSK      | 20050/1720     | 1:1        | 0.445         | 0.16            | 20.47                | 20.5               | 1.007         | 0.448            | 22.3         |
| Right cheek                                         | 20  | QPSK      | 20050/1720     | 1:1        | 0.362         | 0.05            | 17.98                | 18                 | 1.005         | 0.364            | 22.3         |
| Right tilted                                        | 20  | QPSK      | 20050/1720     | 1:1        | 0.313         | 0.08            | 17.98                | 18                 | 1.005         | 0.314            | 22.3         |
| Head Test Data at the worst case with SIM2          |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left tilted                                         | 20  | QPSK      | 20300/1745     | 1:1        | 0.435         | 0.07            | 20.47                | 20.5               | 1.007         | 0.438            | 22.3         |
| Head Test Data at the worst case with Battery 2#    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left tilted                                         | 20  | QPSK      | 20300/1745     | 1:1        | 0.475         | 0.01            | 20.47                | 20.5               | 1.007         | <b>0.478</b>     | 22.3         |
| Head Test Data at the worst case with Battery 3#    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left tilted                                         | 20  | QPSK      | 20300/1745     | 1:1        | 0.334         | 0.05            | 20.47                | 20.5               | 1.007         | 0.336            | 22.3         |
| Body worn Test data(Separate 15mm 1RB_99 offset)    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                          | 20  | QPSK      | 20050/1720     | 1:1        | 0.116         | -0.19           | 21.46                | 21.5               | 1.009         | 0.117            | 22.3         |
| Back side                                           | 20  | QPSK      | 20050/1720     | 1:1        | 0.129         | -0.04           | 21.46                | 21.5               | 1.009         | 0.130            | 22.3         |
| Back side                                           | 20  | QPSK      | 20175/1732.5   | 1:1        | 0.14          | 0.09            | 21.44                | 21.5               | 1.014         | 0.142            | 22.3         |
| Back side                                           | 20  | QPSK      | 20300/1745     | 1:1        | 0.146         | 0.07            | 21.42                | 21.5               | 1.019         | 0.149            | 22.3         |

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| Body worn Test data (Separate 15mm 50%RB_0 offset)                        |    |      |              |     |         |       |       |      |       |              |      |
|---------------------------------------------------------------------------|----|------|--------------|-----|---------|-------|-------|------|-------|--------------|------|
| Front side                                                                | 20 | QPSK | 20050/1720   | 1:1 | 0.105   | 0.15  | 21.48 | 21.5 | 1.005 | 0.105        | 22.3 |
| Back side                                                                 | 20 | QPSK | 20050/1720   | 1:1 | 0.121   | 0.05  | 21.48 | 21.5 | 1.005 | 0.122        | 22.3 |
| Body worn Test Data at the worst case with SIM2                           |    |      |              |     |         |       |       |      |       |              |      |
| Back side                                                                 | 20 | QPSK | 20300/1745   | 1:1 | 0.136   | 0.11  | 21.42 | 21.5 | 1.019 | 0.139        | 22.3 |
| Body worn Test Data at the worst case with Battery 2#                     |    |      |              |     |         |       |       |      |       |              |      |
| Back side                                                                 | 20 | QPSK | 20300/1745   | 1:1 | 0.177   | 0.07  | 21.42 | 21.5 | 1.019 | <b>0.180</b> | 22.3 |
| Body worn Test Data at the worst case with Battery 3#                     |    |      |              |     |         |       |       |      |       |              |      |
| Back side                                                                 | 20 | QPSK | 20300/1745   | 1:1 | 0.117   | 0.1   | 21.42 | 21.5 | 1.019 | 0.119        | 22.3 |
| Hotspot activated for 2.4G WIFI Test data(Separate 10mm 1RB_0 offset)     |    |      |              |     |         |       |       |      |       |              |      |
| Front side                                                                | 20 | QPSK | 20050/1720   | 1:1 | 0.0734  | -0.07 | 18.47 | 18.5 | 1.007 | 0.074        | 22.3 |
| Back side                                                                 | 20 | QPSK | 20050/1720   | 1:1 | 0.105   | 0.05  | 18.47 | 18.5 | 1.007 | 0.106        | 22.3 |
| Left side                                                                 | 20 | QPSK | 20050/1720   | 1:1 | 0.103   | 0.05  | 18.47 | 18.5 | 1.007 | 0.104        | 22.3 |
| Right side                                                                | 20 | QPSK | 20050/1720   | 1:1 | 0.00656 | 0.13  | 18.47 | 18.5 | 1.007 | 0.007        | 22.3 |
| Top side                                                                  | 20 | QPSK | 20050/1720   | 1:1 | 0.132   | 0.01  | 18.47 | 18.5 | 1.007 | 0.133        | 22.3 |
| Top side                                                                  | 20 | QPSK | 20175/1732.5 | 1:1 | 0.141   | 0.08  | 18.4  | 18.5 | 1.023 | 0.144        | 22.3 |
| Top side                                                                  | 20 | QPSK | 20300/1745   | 1:1 | 0.144   | 0.05  | 18.42 | 18.5 | 1.019 | 0.147        | 22.3 |
| Hotspot activated for 2.4G WIFI Test data (Separate 10mm 50%RB_25 offset) |    |      |              |     |         |       |       |      |       |              |      |
| Front side                                                                | 20 | QPSK | 20050/1720   | 1:1 | 0.0745  | -0.08 | 18.49 | 18.5 | 1.002 | 0.075        | 22.3 |
| Back side                                                                 | 20 | QPSK | 20050/1720   | 1:1 | 0.11    | 0.09  | 18.49 | 18.5 | 1.002 | 0.110        | 22.3 |
| Left side                                                                 | 20 | QPSK | 20050/1720   | 1:1 | 0.0993  | 0.03  | 18.49 | 18.5 | 1.002 | 0.100        | 22.3 |
| Right side                                                                | 20 | QPSK | 20050/1720   | 1:1 | 0.00582 | 0.01  | 18.49 | 18.5 | 1.002 | 0.006        | 22.3 |
| Top side                                                                  | 20 | QPSK | 20050/1720   | 1:1 | 0.131   | 0.03  | 18.49 | 18.5 | 1.002 | 0.131        | 22.3 |
| Hotspot activated for 5G WIFI Test data(Separate 10mm 1RB_99 offset)      |    |      |              |     |         |       |       |      |       |              |      |
| Front side                                                                | 20 | QPSK | 20050/1720   | 1:1 | 0.0472  | 0.05  | 16.48 | 16.5 | 1.005 | 0.047        | 22.3 |
| Back side                                                                 | 20 | QPSK | 20050/1720   | 1:1 | 0.068   | 0.14  | 16.48 | 16.5 | 1.005 | 0.068        | 22.3 |
| Left side                                                                 | 20 | QPSK | 20050/1720   | 1:1 | 0.067   | 0.09  | 16.48 | 16.5 | 1.005 | 0.067        | 22.3 |
| Right side                                                                | 20 | QPSK | 20050/1720   | 1:1 | 0.00286 | -0.08 | 16.48 | 16.5 | 1.005 | 0.003        | 22.3 |
| Top side                                                                  | 20 | QPSK | 20050/1720   | 1:1 | 0.0818  | 0.01  | 16.48 | 16.5 | 1.005 | 0.082        | 22.3 |
| Top side                                                                  | 20 | QPSK | 20175/1732.5 | 1:1 | 0.0839  | 0.06  | 16.36 | 16.5 | 1.033 | 0.087        | 22.3 |
| Top side                                                                  | 20 | QPSK | 20300/1745   | 1:1 | 0.0853  | 0.04  | 16.39 | 16.5 | 1.026 | 0.087        | 22.3 |
| Hotspot activated for 5G WIFI Test data (Separate 10mm 50%RB_0 offset)    |    |      |              |     |         |       |       |      |       |              |      |
| Front side                                                                | 20 | QPSK | 20050/1720   | 1:1 | 0.0453  | 0.06  | 16.47 | 16.5 | 1.007 | 0.046        | 22.3 |
| Back side                                                                 | 20 | QPSK | 20050/1720   | 1:1 | 0.0633  | 0.13  | 16.47 | 16.5 | 1.007 | 0.064        | 22.3 |
| Left side                                                                 | 20 | QPSK | 20050/1720   | 1:1 | 0.0621  | 0.01  | 16.47 | 16.5 | 1.007 | 0.063        | 22.3 |
| Right side                                                                | 20 | QPSK | 20050/1720   | 1:1 | 0.00254 | -0.03 | 16.47 | 16.5 | 1.007 | 0.003        | 22.3 |
| Top side                                                                  | 20 | QPSK | 20050/1720   | 1:1 | 0.078   | 0.01  | 16.47 | 16.5 | 1.007 | 0.079        | 22.3 |
| Hotspot Test Data at the worst case with SIM2                             |    |      |              |     |         |       |       |      |       |              |      |
| Top side                                                                  | 20 | QPSK | 20300/1745   | 1:1 | 0.14    | 0.06  | 18.42 | 18.5 | 1.019 | 0.143        | 22.3 |
| Hotspot Test Data at the worst case with Battery 2#                       |    |      |              |     |         |       |       |      |       |              |      |
| Top side                                                                  | 20 | QPSK | 20300/1745   | 1:1 | 0.155   | 0.13  | 18.42 | 18.5 | 1.019 | <b>0.158</b> | 22.3 |

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Hotspot Test Data at the worst case with Battery 3#

|          |    |      |            |     |       |      |       |      |       |       |      |
|----------|----|------|------------|-----|-------|------|-------|------|-------|-------|------|
| Top side | 20 | QPSK | 20300/1745 | 1:1 | 0.117 | 0.02 | 18.42 | 18.5 | 1.019 | 0.119 | 22.3 |
|----------|----|------|------------|-----|-------|------|-------|------|-------|-------|------|

Table 23 : SAR of LTE Band 4 for Head and Body.

Note:

- 1) The maximum Scaled SAR value is marked in bold. Graph results refer to Appendix B
- 2) If the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is  $\leq 0.8$  W/kg then testing at the other channels is not required for such test configuration(s).

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### 8.3.8 SAR Result Of LTE Band 5

| Ant1 Test data                                        |     |           |                |            |               |                 |                      |                    |               |                  |              |
|-------------------------------------------------------|-----|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|--------------|
| Test position                                         | BW. | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp. |
| Head Test data(1RB_0 offset)                          |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                            | 10  | QPSK      | 20450/829      | 1:1        | 0.0991        | 0.04            | 23.38                | 24.5               | 1.294         | 0.128            | 22.3         |
| Left tilted                                           | 10  | QPSK      | 20450/829      | 1:1        | 0.08          | 0.11            | 23.38                | 24.5               | 1.294         | 0.104            | 22.3         |
| Right cheek                                           | 10  | QPSK      | 20450/829      | 1:1        | 0.161         | 0.03            | 23.38                | 24.5               | 1.294         | 0.208            | 22.3         |
| Right tilted                                          | 10  | QPSK      | 20450/829      | 1:1        | 0.0675        | 0.17            | 23.38                | 24.5               | 1.294         | 0.087            | 22.3         |
| Right cheek                                           | 10  | QPSK      | 20525/836.5    | 1:1        | 0.181         | 0.03            | 23.33                | 24.5               | 1.309         | 0.237            | 22.3         |
| Right cheek                                           | 10  | QPSK      | 20600/844      | 1:1        | 0.21          | 0.13            | 23.36                | 24.5               | 1.300         | 0.273            | 22.3         |
| Head Test data(50%RB_0 offset)                        |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                            | 10  | QPSK      | 20600/844      | 1:1        | 0.0956        | -0.13           | 21.92                | 23.5               | 1.439         | 0.138            | 22.3         |
| Left tilted                                           | 10  | QPSK      | 20600/844      | 1:1        | 0.0584        | 0.05            | 21.92                | 23.5               | 1.439         | 0.084            | 22.3         |
| Right cheek                                           | 10  | QPSK      | 20600/844      | 1:1        | 0.158         | 0.19            | 21.92                | 23.5               | 1.439         | 0.227            | 22.3         |
| Right tilted                                          | 10  | QPSK      | 20600/844      | 1:1        | 0.0634        | 0.2             | 21.92                | 23.5               | 1.439         | 0.091            | 22.3         |
| Head Test Data at the worst case with SIM2            |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right cheek                                           | 10  | QPSK      | 20600/844      | 1:1        | 0.209         | 0.15            | 23.36                | 24.5               | 1.300         | 0.272            | 22.3         |
| Head Test Data at the worst case with Battery 2#      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right cheek                                           | 10  | QPSK      | 20600/844      | 1:1        | 0.214         | -0.09           | 23.36                | 24.5               | 1.300         | <b>0.278</b>     | 22.3         |
| Head Test Data at the worst case with Battery 3#      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right cheek                                           | 10  | QPSK      | 20600/844      | 1:1        | 0.213         | 0               | 23.36                | 24.5               | 1.300         | 0.277            | 22.3         |
| Body worn Test data(Separate 15mm 1RB_0 offset)       |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                            | 10  | QPSK      | 20450/829      | 1:1        | 0.193         | -0.02           | 23.38                | 24.5               | 1.294         | 0.250            | 22.3         |
| Back side                                             | 10  | QPSK      | 20450/829      | 1:1        | 0.234         | 0.05            | 23.38                | 24.5               | 1.294         | 0.303            | 22.3         |
| Back side                                             | 10  | QPSK      | 20525/836.5    | 1:1        | 0.255         | 0.05            | 23.33                | 24.5               | 1.309         | 0.334            | 22.3         |
| Back side                                             | 10  | QPSK      | 20600/844      | 1:1        | 0.279         | 0.06            | 23.36                | 24.5               | 1.300         | <b>0.363</b>     | 22.3         |
| Body worn Test data (Separate 15mm 50%RB_0 offset)    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                            | 10  | QPSK      | 20600/844      | 1:1        | 0.167         | -0.08           | 21.92                | 23.5               | 1.439         | 0.240            | 22.3         |
| Back side                                             | 10  | QPSK      | 20600/844      | 1:1        | 0.204         | 0.07            | 21.92                | 23.5               | 1.439         | 0.294            | 22.3         |
| Body worn Test data at the worst case with SIM2       |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Back side                                             | 10  | QPSK      | 20600/844      | 1:1        | 0.228         | 0.08            | 23.38                | 24.5               | 1.294         | 0.295            | 22.3         |
| Body worn Test data at the worst case with Battery 2# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Back side                                             | 10  | QPSK      | 20600/844      | 1:1        | 0.246         | 0.03            | 23.38                | 24.5               | 1.294         | 0.318            | 22.3         |
| Body worn Test data at the worst case with Battery 3# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Back side                                             | 10  | QPSK      | 20600/844      | 1:1        | 0.259         | 0.06            | 23.38                | 24.5               | 1.294         | 0.335            | 22.3         |

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| Hotspot Test data(Separate 10mm 1RB_0 offset)       |     |           |                |            |               |                 |                      |                    |               |                  |              |
|-----------------------------------------------------|-----|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|--------------|
| Front side                                          | 10  | QPSK      | 20450/829      | 1:1        | 0.281         | -0.01           | 23.38                | 24.5               | 1.294         | 0.364            | 22.3         |
| Back side                                           | 10  | QPSK      | 20450/829      | 1:1        | 0.406         | 0.06            | 23.38                | 24.5               | 1.294         | 0.525            | 22.3         |
| Left side                                           | 10  | QPSK      | 20450/829      | 1:1        | 0.106         | 0.1             | 23.38                | 24.5               | 1.294         | 0.137            | 22.3         |
| Right side                                          | 10  | QPSK      | 20450/829      | 1:1        | 0.298         | 0.09            | 23.38                | 24.5               | 1.294         | 0.386            | 22.3         |
| Bottom side                                         | 10  | QPSK      | 20450/829      | 1:1        | 0.213         | 0.07            | 23.38                | 24.5               | 1.294         | 0.276            | 22.3         |
| Back side                                           | 10  | QPSK      | 20525/836.5    | 1:1        | 0.364         | 0.07            | 23.33                | 24.5               | 1.309         | 0.477            | 22.3         |
| Back side                                           | 10  | QPSK      | 20600/844      | 1:1        | 0.405         | 0.07            | 23.36                | 24.5               | 1.300         | 0.527            | 22.3         |
| Hotspot Test data (Separate 10mm 50%RB_0 offset)    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                          | 10  | QPSK      | 20600/844      | 1:1        | 0.22          | -0.07           | 21.92                | 23.5               | 1.439         | 0.317            | 22.3         |
| Back side                                           | 10  | QPSK      | 20600/844      | 1:1        | 0.364         | 0.05            | 21.92                | 23.5               | 1.439         | 0.524            | 22.3         |
| Left side                                           | 10  | QPSK      | 20600/844      | 1:1        | 0.0891        | 0.1             | 21.92                | 23.5               | 1.439         | 0.128            | 22.3         |
| Right side                                          | 10  | QPSK      | 20600/844      | 1:1        | 0.276         | 0.06            | 21.92                | 23.5               | 1.439         | 0.397            | 22.3         |
| Bottom side                                         | 10  | QPSK      | 20600/844      | 1:1        | 0.186         | 0.09            | 21.92                | 23.5               | 1.439         | 0.268            | 22.3         |
| Hotspot Test data at the worst case with SIM2       |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Back side                                           | 10  | QPSK      | 20600/844      | 1:1        | 0.331         | 0.06            | 23.38                | 24.5               | 1.294         | 0.428            | 22.3         |
| Hotspot Test data at the worst case with Battery 2# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Back side                                           | 10  | QPSK      | 20600/844      | 1:1        | 0.424         | 0.06            | 23.38                | 24.5               | 1.294         | <b>0.549</b>     | 22.3         |
| Hotspot Test data at the worst case with Battery 3# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Back side                                           | 10  | QPSK      | 20600/844      | 1:1        | 0.411         | 0.11            | 23.38                | 24.5               | 1.294         | 0.532            | 22.3         |
| Ant2 Test data                                      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Test position                                       | BW. | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp. |
| Head Test data(1RB offset)                          |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                          | 10  | QPSK      | 20450/829      | 1:1        | 0.586         | -0.06           | 19.66                | 20.5               | 1.213         | <b>0.711</b>     | 22.3         |
| Left tilted                                         | 10  | QPSK      | 20450/829      | 1:1        | 0.447         | -0.01           | 19.66                | 20.5               | 1.213         | 0.542            | 22.3         |
| Right cheek                                         | 10  | QPSK      | 20525/836.5    | 1:1        | 0.575         | -0.04           | 19.61                | 20.5               | 1.227         | 0.706            | 22.3         |
| Right tilted                                        | 10  | QPSK      | 20525/836.5    | 1:1        | 0.49          | 0.05            | 19.61                | 20.5               | 1.227         | 0.601            | 22.3         |
| Left cheek                                          | 10  | QPSK      | 20525/836.5    | 1:1        | 0.566         | -0.2            | 19.61                | 20.5               | 1.227         | 0.695            | 22.3         |
| Left cheek                                          | 10  | QPSK      | 20600/844      | 1:1        | 0.569         | 0.02            | 19.6                 | 20.5               | 1.230         | 0.700            | 22.3         |
| Head Test data(50%RB offset)                        |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                          | 10  | QPSK      | 20450/829      | 1:1        | 0.584         | -0.12           | 19.69                | 20.5               | 1.205         | 0.704            | 22.3         |
| Left tilted                                         | 10  | QPSK      | 20450/829      | 1:1        | 0.447         | 0.04            | 19.69                | 20.5               | 1.205         | 0.539            | 22.3         |
| Right cheek                                         | 10  | QPSK      | 20525/836.5    | 1:1        | 0.573         | 0.03            | 19.62                | 20.5               | 1.225         | 0.702            | 22.3         |
| Right tilted                                        | 10  | QPSK      | 20525/836.5    | 1:1        | 0.478         | 0.06            | 19.62                | 20.5               | 1.225         | 0.585            | 22.3         |
| Head Test Data at the worst case with SIM2          |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                          | 10  | QPSK      | 20450/829      | 1:1        | 0.558         | 0.13            | 19.66                | 20.5               | 1.213         | 0.677            | 22.3         |

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| Head Test Data at the worst case with Battery 2#                         |    |      |             |     |        |       |       |      |       |              |      |
|--------------------------------------------------------------------------|----|------|-------------|-----|--------|-------|-------|------|-------|--------------|------|
| Left cheek                                                               | 10 | QPSK | 20450/829   | 1:1 | 0.559  | 0.07  | 19.66 | 20.5 | 1.213 | 0.678        | 22.3 |
| Head Test Data at the worst case with Battery 3#                         |    |      |             |     |        |       |       |      |       |              |      |
| Left cheek                                                               | 10 | QPSK | 20450/829   | 1:1 | 0.554  | 0.12  | 19.66 | 20.5 | 1.213 | 0.672        | 22.3 |
| Body worn Test data(Separate 15mm 1RB_0 offset)                          |    |      |             |     |        |       |       |      |       |              |      |
| Front side                                                               | 10 | QPSK | 20450/829   | 1:1 | 0.223  | -0.04 | 23.71 | 24.5 | 1.199 | 0.267        | 22.3 |
| Back side                                                                | 10 | QPSK | 20450/829   | 1:1 | 0.219  | 0     | 23.71 | 24.5 | 1.199 | 0.263        | 22.3 |
| Front side                                                               | 10 | QPSK | 20525/836.5 | 1:1 | 0.221  | 0.12  | 23.65 | 24.5 | 1.216 | 0.269        | 22.3 |
| Front side                                                               | 10 | QPSK | 20600/844   | 1:1 | 0.22   | 0.14  | 23.63 | 24.5 | 1.222 | 0.269        | 22.3 |
| Body worn Test data (Separate 15mm 50%RB_0 offset)                       |    |      |             |     |        |       |       |      |       |              |      |
| Front side                                                               | 10 | QPSK | 20450/829   | 1:1 | 0.155  | 0.14  | 22.13 | 23.5 | 1.371 | 0.212        | 22.3 |
| Back side                                                                | 10 | QPSK | 20450/829   | 1:1 | 0.152  | 0     | 22.13 | 23.5 | 1.371 | 0.208        | 22.3 |
| Body worn Test Data at the worst case with SIM2                          |    |      |             |     |        |       |       |      |       |              |      |
| Front side                                                               | 10 | QPSK | 20525/836.5 | 1:1 | 0.211  | 0     | 23.65 | 24.5 | 1.216 | 0.257        | 22.3 |
| Body worn Test Data at the worst case with Battery 2#                    |    |      |             |     |        |       |       |      |       |              |      |
| Front side                                                               | 10 | QPSK | 20525/836.5 | 1:1 | 0.261  | 0.13  | 23.65 | 24.5 | 1.216 | <b>0.317</b> | 22.3 |
| Body worn Test Data at the worst case with Battery 3#                    |    |      |             |     |        |       |       |      |       |              |      |
| Front side                                                               | 10 | QPSK | 20525/836.5 | 1:1 | 0.237  | 0.08  | 23.65 | 24.5 | 1.216 | 0.288        | 22.3 |
| Hotspot activated for 2.4G WIFI Test data(Separate 10mm 1RB_0 offset)    |    |      |             |     |        |       |       |      |       |              |      |
| Front side                                                               | 10 | QPSK | 20450/829   | 1:1 | 0.229  | 0.1   | 20.58 | 21.5 | 1.236 | 0.283        | 22.3 |
| Back side                                                                | 10 | QPSK | 20450/829   | 1:1 | 0.233  | -0.02 | 20.58 | 21.5 | 1.236 | 0.288        | 22.3 |
| Left side                                                                | 10 | QPSK | 20450/829   | 1:1 | 0.0887 | -0.01 | 20.58 | 21.5 | 1.236 | 0.110        | 22.3 |
| Right side                                                               | 10 | QPSK | 20450/829   | 1:1 | 0.0211 | 0.06  | 20.58 | 21.5 | 1.236 | 0.026        | 22.3 |
| Top side                                                                 | 10 | QPSK | 20450/829   | 1:1 | 0.157  | 0.05  | 20.58 | 21.5 | 1.236 | 0.194        | 22.3 |
| Back side                                                                | 10 | QPSK | 20525/836.5 | 1:1 | 0.199  | -0.02 | 20.5  | 21.5 | 1.259 | 0.251        | 22.3 |
| Back side                                                                | 10 | QPSK | 20600/844   | 1:1 | 0.204  | 0.02  | 20.42 | 21.5 | 1.282 | 0.262        | 22.3 |
| Hotspot activated for 2.4G WIFI Test data (Separate 10mm 50%RB_0 offset) |    |      |             |     |        |       |       |      |       |              |      |
| Front side                                                               | 10 | QPSK | 20450/829   | 1:1 | 0.215  | 0.1   | 20.53 | 21.5 | 1.250 | 0.269        | 22.3 |
| Back side                                                                | 10 | QPSK | 20450/829   | 1:1 | 0.185  | -0.04 | 20.53 | 21.5 | 1.250 | 0.231        | 22.3 |
| Left side                                                                | 10 | QPSK | 20450/829   | 1:1 | 0.0908 | 0.12  | 20.53 | 21.5 | 1.250 | 0.114        | 22.3 |
| Right side                                                               | 10 | QPSK | 20450/829   | 1:1 | 0.0197 | 0.16  | 20.53 | 21.5 | 1.250 | 0.025        | 22.3 |
| Top side                                                                 | 10 | QPSK | 20450/829   | 1:1 | 0.155  | 0.07  | 20.53 | 21.5 | 1.250 | 0.194        | 22.3 |

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| Hotspot activated for 5G WIFI Test data(Separate 10mm 1RB_0 offset)    |     |           |                |            |               |                 |                      |                    |               |                  |              |
|------------------------------------------------------------------------|-----|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|--------------|
| Front side                                                             | 10  | QPSK      | 20450/829      | 1:1        | 0.143         | 0.16            | 18.53                | 19.5               | 1.250         | 0.179            | 22.3         |
| Back side                                                              | 10  | QPSK      | 20450/829      | 1:1        | 0.144         | 0.05            | 18.53                | 19.5               | 1.250         | 0.180            | 22.3         |
| Left side                                                              | 10  | QPSK      | 20450/829      | 1:1        | 0.0604        | 0.1             | 18.53                | 19.5               | 1.250         | 0.076            | 22.3         |
| Right side                                                             | 10  | QPSK      | 20450/829      | 1:1        | 0.0132        | 0.01            | 18.53                | 19.5               | 1.250         | 0.017            | 22.3         |
| Top side                                                               | 10  | QPSK      | 20450/829      | 1:1        | 0.102         | 0.06            | 18.53                | 19.5               | 1.250         | 0.128            | 22.3         |
| Hotspot activated for 5G WIFI Test data (Separate 10mm 50%RB_0 offset) |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                                             | 10  | QPSK      | 20450/829      | 1:1        | 0.145         | 0.17            | 18.56                | 19.5               | 1.242         | 0.180            | 22.3         |
| Back side                                                              | 10  | QPSK      | 20450/829      | 1:1        | 0.144         | 0.03            | 18.56                | 19.5               | 1.242         | 0.179            | 22.3         |
| Left side                                                              | 10  | QPSK      | 20450/829      | 1:1        | 0.0604        | 0.13            | 18.56                | 19.5               | 1.242         | 0.075            | 22.3         |
| Right side                                                             | 10  | QPSK      | 20450/829      | 1:1        | 0.0127        | 0.12            | 18.56                | 19.5               | 1.242         | 0.016            | 22.3         |
| Top side                                                               | 10  | QPSK      | 20450/829      | 1:1        | 0.102         | 0.01            | 18.56                | 19.5               | 1.242         | 0.127            | 22.3         |
| Front side                                                             | 10  | QPSK      | 20525/836.5    | 1:1        | 0.13          | -0.05           | 18.51                | 19.5               | 1.256         | 0.163            | 22.3         |
| Front side                                                             | 10  | QPSK      | 20600/844      | 1:1        | 0.133         | 0.19            | 18.49                | 19.5               | 1.262         | 0.168            | 22.3         |
| Hotspot Test Data at the worst case with SIM2                          |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Back side                                                              | 10  | QPSK      | 20450/829      | 1:1        | 0.218         | -0.05           | 20.58                | 21.5               | 1.236         | 0.269            | 22.3         |
| Hotspot Test Data at the worst case with Battery 2#                    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Back side                                                              | 10  | QPSK      | 20450/829      | 1:1        | 0.208         | 0.08            | 20.58                | 21.5               | 1.236         | 0.257            | 22.3         |
| Hotspot Test Data at the worst case with Battery 3#                    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Back side                                                              | 10  | QPSK      | 20450/829      | 1:1        | 0.238         | 0.01            | 20.58                | 21.5               | 1.236         | <b>0.294</b>     | 22.3         |
| Ant2 Additional Test data(simultaneous transmission with 5G WIFI+BT)   |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Test position                                                          | BW. | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp. |
| Head Test data(1RB offset)                                             |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                                             | 10  | QPSK      | 20450/829      | 1:1        | 0.158         | -0.08           | 14.44                | 15.5               | 1.276         | <b>0.202</b>     | 22.3         |

Table 24 : SAR of LTE Band 5 for Head and Body.

Note:

- 1) The maximum Scaled SAR value is marked in bold. Graph results refer to Appendix B
- 2) If the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is  $\leq 0.8$  W/kg then testing at the other channels is not required for such test configuration(s).

## 8.3.9 SAR Result Of LTE Band 7

| Ant1 Test data                                        |     |           |                |            |               |                 |                      |                    |               |                  |              |
|-------------------------------------------------------|-----|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|--------------|
| Test position                                         | BW. | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp. |
| Head Test data(1RB_99 offset)                         |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                            | 20  | QPSK      | 21100/2535     | 1:1        | 0.0548        | 0.04            | 22.86                | 23.8               | 1.242         | 0.068            | 22.3         |
| Left tilted                                           | 20  | QPSK      | 21100/2535     | 1:1        | 0.0853        | -0.05           | 22.86                | 23.8               | 1.242         | 0.106            | 22.3         |
| Right cheek                                           | 20  | QPSK      | 21100/2535     | 1:1        | 0.0842        | 0.02            | 22.86                | 23.8               | 1.242         | 0.105            | 22.3         |
| Right tilted                                          | 20  | QPSK      | 21100/2535     | 1:1        | 0.0775        | -0.17           | 22.86                | 23.8               | 1.242         | 0.096            | 22.3         |
| Left tilted                                           | 20  | QPSK      | 20850/2510     | 1:1        | 0.0722        | 0.08            | 22.82                | 23.8               | 1.253         | 0.090            | 22.3         |
| Left tilted                                           | 20  | QPSK      | 21350/2560     | 1:1        | 0.0888        | 0.05            | 22.83                | 23.8               | 1.250         | 0.111            | 22.3         |
| Head Test data(50%RB_0 offset)                        |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                            | 20  | QPSK      | 21100/2535     | 1:1        | 0.042         | 0.05            | 21.29                | 22.8               | 1.416         | 0.059            | 22.3         |
| Left tilted                                           | 20  | QPSK      | 21100/2535     | 1:1        | 0.0564        | 0.04            | 21.29                | 22.8               | 1.416         | 0.080            | 22.3         |
| Right cheek                                           | 20  | QPSK      | 21100/2535     | 1:1        | 0.0566        | 0.03            | 21.29                | 22.8               | 1.416         | 0.080            | 22.3         |
| Right tilted                                          | 20  | QPSK      | 21100/2535     | 1:1        | 0.0618        | 0.06            | 21.29                | 22.8               | 1.416         | 0.087            | 22.3         |
| Head Test Data at the worst case with SIM2            |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left tilted                                           | 20  | QPSK      | 21350/2560     | 1:1        | 0.0882        | 0.01            | 22.83                | 23.8               | 1.250         | 0.110            | 22.3         |
| Head Test Data at the worst case with Battery 2#      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left tilted                                           | 20  | QPSK      | 21350/2560     | 1:1        | 0.0909        | -0.2            | 22.83                | 23.8               | 1.250         | 0.114            | 22.3         |
| Head Test Data at the worst case with Battery 3#      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left tilted                                           | 20  | QPSK      | 21350/2560     | 1:1        | 0.099         | 0.02            | 22.83                | 23.8               | 1.250         | <b>0.124</b>     | 22.3         |
| Body worn Test data(Separate 15mm 1RB_99 offset)      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                            | 20  | QPSK      | 21100/2535     | 1:1        | 0.337         | -0.08           | 22.86                | 23.8               | 1.242         | <b>0.418</b>     | 22.3         |
| Back side                                             | 20  | QPSK      | 21100/2535     | 1:1        | 0.294         | -0.15           | 22.86                | 23.8               | 1.242         | 0.365            | 22.3         |
| Front side                                            | 20  | QPSK      | 20850/2510     | 1:1        | 0.273         | -0.12           | 22.82                | 23.8               | 1.253         | 0.342            | 22.3         |
| Front side                                            | 20  | QPSK      | 21350/2560     | 1:1        | 0.327         | 0.12            | 22.83                | 23.8               | 1.250         | 0.409            | 22.3         |
| Body worn Test data (Separate 15mm 50%RB_0 offset)    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                            | 20  | QPSK      | 21100/2535     | 1:1        | 0.228         | 0.18            | 21.29                | 22.8               | 1.416         | 0.323            | 22.3         |
| Back side                                             | 20  | QPSK      | 21100/2535     | 1:1        | 0.2           | -0.09           | 21.29                | 22.8               | 1.416         | 0.283            | 22.3         |
| Body worn Test Data at the worst case with SIM2       |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                            | 20  | QPSK      | 21100/2535     | 1:1        | 0.318         | 0.03            | 22.86                | 23.8               | 1.242         | 0.395            | 22.3         |
| Body worn Test Data at the worst case with Battery 2# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                            | 20  | QPSK      | 21100/2535     | 1:1        | 0.289         | -0.12           | 22.86                | 23.8               | 1.242         | 0.359            | 22.3         |
| Body worn Test Data at the worst case with Battery 3# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                            | 20  | QPSK      | 21100/2535     | 1:1        | 0.295         | 0.16            | 22.86                | 23.8               | 1.242         | 0.366            | 22.3         |

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| Hotspot Test data(Separate 10mm 1RB_99 offset)      |     |           |                |            |               |                 |                      |                    |               |                  |              |
|-----------------------------------------------------|-----|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|--------------|
| Front side                                          | 20  | QPSK      | 21100/2535     | 1:1        | 0.311         | 0.05            | 19.86                | 20.8               | 1.242         | 0.386            | 22.3         |
| Back side                                           | 20  | QPSK      | 21100/2535     | 1:1        | 0.395         | -0.05           | 19.86                | 20.8               | 1.242         | 0.490            | 22.3         |
| Left side                                           | 20  | QPSK      | 21100/2535     | 1:1        | 0.122         | -0.03           | 19.86                | 20.8               | 1.242         | 0.151            | 22.3         |
| Right side                                          | 20  | QPSK      | 21100/2535     | 1:1        | 0.249         | 0.05            | 19.86                | 20.8               | 1.242         | 0.309            | 22.3         |
| Bottom side                                         | 20  | QPSK      | 21100/2535     | 1:1        | 0.611         | 0.02            | 19.86                | 20.8               | 1.242         | 0.759            | 22.3         |
| Bottom side                                         | 20  | QPSK      | 20850/2510     | 1:1        | 0.568         | 0.12            | 19.81                | 20.8               | 1.256         | 0.713            | 22.3         |
| Bottom side                                         | 20  | QPSK      | 21350/2560     | 1:1        | 0.735         | 0.03            | 19.82                | 20.8               | 1.253         | 0.921            | 22.3         |
| Hotspot Test data (Separate 10mm 50%RB_0 offset)    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                          | 20  | QPSK      | 21100/2535     | 1:1        | 0.302         | 0.07            | 19.79                | 20.8               | 1.262         | 0.381            | 22.3         |
| Back side                                           | 20  | QPSK      | 21100/2535     | 1:1        | 0.366         | 0.04            | 19.79                | 20.8               | 1.262         | 0.462            | 22.3         |
| Left side                                           | 20  | QPSK      | 21100/2535     | 1:1        | 0.109         | 0.18            | 19.79                | 20.8               | 1.262         | 0.138            | 22.3         |
| Right side                                          | 20  | QPSK      | 21100/2535     | 1:1        | 0.234         | 0.15            | 19.79                | 20.8               | 1.262         | 0.295            | 22.3         |
| Bottom side                                         | 20  | QPSK      | 21100/2535     | 1:1        | 0.531         | 0.18            | 19.79                | 20.8               | 1.262         | 0.67             | 22.3         |
| Hotspot Test Data(Separate 10mm 100%RB_0 offset)    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Bottom side                                         | 20  | QPSK      | 21350/2560     | 1:1        | 0.676         | 0.01            | 19.71                | 20.8               | 1.285         | 0.869            | 22.3         |
| Hotspot Test Data at the worst case with SIM2       |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Bottom side                                         | 20  | QPSK      | 21350/2560     | 1:1        | 0.709         | 0.08            | 19.82                | 20.8               | 1.253         | 0.888            | 22.3         |
| Hotspot Test Data at the worst case with Battery 2# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Bottom side                                         | 20  | QPSK      | 21350/2560     | 1:1        | 0.6           | 0.01            | 19.82                | 20.8               | 1.253         | 0.752            | 22.3         |
| Hotspot Test Data at the worst case with Battery 3# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Bottom side                                         | 20  | QPSK      | 21350/2560     | 1:1        | 0.619         | 0.06            | 19.82                | 20.8               | 1.253         | 0.776            | 22.3         |
| Ant2 Test data                                      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Test position                                       | BW. | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp. |
| Head Test data(1RB_99 offset)                       |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                          | 20  | QPSK      | 21100/2535.5   | 1:1        | 0.428         | 0.06            | 15.89                | 16.3               | 1.099         | 0.470            | 22.3         |
| Left tilted                                         | 20  | QPSK      | 21100/2535.5   | 1:1        | 0.564         | 0.06            | 15.89                | 16.3               | 1.099         | 0.620            | 22.3         |
| Right cheek                                         | 20  | QPSK      | 21100/2535.5   | 1:1        | 0.516         | 0.17            | 14.94                | 15.3               | 1.086         | 0.561            | 22.3         |
| Right tilted                                        | 20  | QPSK      | 21100/2535.5   | 1:1        | 0.613         | 0.02            | 14.94                | 15.3               | 1.086         | 0.666            | 22.3         |
| Head Test data(50%RB_50 offset)                     |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                          | 20  | QPSK      | 21100/2535.5   | 1:1        | 0.408         | 0.1             | 15.79                | 16.3               | 1.125         | 0.459            | 22.3         |
| Left tilted                                         | 20  | QPSK      | 21100/2535.5   | 1:1        | 0.533         | 0.14            | 15.79                | 16.3               | 1.125         | 0.599            | 22.3         |
| Right cheek                                         | 20  | QPSK      | 21100/2535.5   | 1:1        | 0.492         | 0.07            | 14.72                | 15.3               | 1.143         | 0.562            | 22.3         |
| Right tilted                                        | 20  | QPSK      | 21100/2535.5   | 1:1        | 0.585         | 0.02            | 14.72                | 15.3               | 1.143         | 0.669            | 22.3         |
| Right tilted                                        | 20  | QPSK      | 20850/2510     | 1:1        | 0.559         | 0.18            | 14.71                | 15.3               | 1.146         | 0.640            | 22.3         |
| Right tilted                                        | 20  | QPSK      | 21350/2560     | 1:1        | 0.749         | 0.09            | 14.69                | 15.3               | 1.151         | 0.862            | 22.3         |
| Head Test Data at the worst case with SIM2          |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right tilted                                        | 20  | QPSK      | 21350/2560     | 1:1        | 0.75          | 0.08            | 14.69                | 15.3               | 1.151         | 0.863            | 22.3         |

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| Head Test Data at the worst case with Battery 2#                       |    |      |              |     |         |       |       |      |       |              |      |
|------------------------------------------------------------------------|----|------|--------------|-----|---------|-------|-------|------|-------|--------------|------|
| Right tilted                                                           | 20 | QPSK | 21350/2560   | 1:1 | 0.852   | 0.15  | 14.69 | 15.3 | 1.151 | 0.980        | 22.3 |
| Right tilted - Repeated                                                | 20 | QPSK | 21350/2560   | 1:1 | 0.856   | 0.09  | 14.69 | 15.3 | 1.151 | <b>0.985</b> | 22.3 |
| Head Test Data at the worst case with Battery 3#                       |    |      |              |     |         |       |       |      |       |              |      |
| Right tilted                                                           | 20 | QPSK | 21350/2560   | 1:1 | 0.673   | 0.09  | 14.69 | 15.3 | 1.151 | 0.774        | 22.3 |
| Body worn Test data(Separate 15mm 1RB_99 offset)                       |    |      |              |     |         |       |       |      |       |              |      |
| Front side                                                             | 20 | QPSK | 20850/2510   | 1:1 | 0.0931  | -0.08 | 18.28 | 19.3 | 1.265 | 0.118        | 22.3 |
| Back side                                                              | 20 | QPSK | 20850/2510   | 1:1 | 0.117   | -0.05 | 18.28 | 19.3 | 1.265 | 0.148        | 22.3 |
| Back side                                                              | 20 | QPSK | 21100/2535.5 | 1:1 | 0.135   | 0.02  | 18.19 | 19.3 | 1.291 | 0.174        | 22.3 |
| Back side                                                              | 20 | QPSK | 21350/2560   | 1:1 | 0.156   | -0.05 | 18.07 | 19.3 | 1.327 | <b>0.207</b> | 22.3 |
| Body worn Test data (Separate 15mm 50%RB_0 offset)                     |    |      |              |     |         |       |       |      |       |              |      |
| Front side                                                             | 20 | QPSK | 20850/2510   | 1:1 | 0.0878  | 0.01  | 18.22 | 19.3 | 1.282 | 0.113        | 22.3 |
| Back side                                                              | 20 | QPSK | 20850/2510   | 1:1 | 0.109   | -0.06 | 18.22 | 19.3 | 1.282 | 0.140        | 22.3 |
| Body worn Test Data at the worst case with SIM2                        |    |      |              |     |         |       |       |      |       |              |      |
| Back side                                                              | 20 | QPSK | 21350/2560   | 1:1 | 0.145   | -0.11 | 18.07 | 19.3 | 1.327 | 0.192        | 22.3 |
| Body worn Test Data at the worst case with Battery 2#                  |    |      |              |     |         |       |       |      |       |              |      |
| Back side                                                              | 20 | QPSK | 21350/2560   | 1:1 | 0.136   | 0.04  | 18.07 | 19.3 | 1.327 | 0.181        | 22.3 |
| Body worn Test Data at the worst case with Battery 3#                  |    |      |              |     |         |       |       |      |       |              |      |
| Back side                                                              | 20 | QPSK | 21350/2560   | 1:1 | 0.14    | -0.01 | 18.07 | 19.3 | 1.327 | 0.186        | 22.3 |
| Hotspot actived for 2.4G WIFI Test data (Separate 10mm 1RB_0 offset)   |    |      |              |     |         |       |       |      |       |              |      |
| Front side                                                             | 20 | QPSK | 20850/2510   | 1:1 | 0.078   | 0.03  | 15.3  | 16.3 | 1.259 | 0.098        | 22.3 |
| Back side                                                              | 20 | QPSK | 20850/2510   | 1:1 | 0.106   | 0.07  | 15.3  | 16.3 | 1.259 | 0.133        | 22.3 |
| Left side                                                              | 20 | QPSK | 20850/2510   | 1:1 | 0.0774  | 0.11  | 15.3  | 16.3 | 1.259 | 0.097        | 22.3 |
| Right side                                                             | 20 | QPSK | 20850/2510   | 1:1 | 0.0109  | -0.03 | 15.3  | 16.3 | 1.259 | 0.014        | 22.3 |
| Top side                                                               | 20 | QPSK | 20850/2510   | 1:1 | 0.259   | 0.05  | 15.3  | 16.3 | 1.259 | 0.326        | 22.3 |
| Hotspot actived for 2.4G WIFI Test data (Separate 10mm 50%RB_0 offset) |    |      |              |     |         |       |       |      |       |              |      |
| Front side                                                             | 20 | QPSK | 20850/2510   | 1:1 | 0.0767  | -0.02 | 15.28 | 16.3 | 1.265 | 0.097        | 22.3 |
| Back side                                                              | 20 | QPSK | 20850/2510   | 1:1 | 0.107   | -0.07 | 15.28 | 16.3 | 1.265 | 0.135        | 22.3 |
| Left side                                                              | 20 | QPSK | 20850/2510   | 1:1 | 0.0708  | -0.08 | 15.28 | 16.3 | 1.265 | 0.090        | 22.3 |
| Right side                                                             | 20 | QPSK | 20850/2510   | 1:1 | 0.0116  | -0.04 | 15.28 | 16.3 | 1.265 | 0.015        | 22.3 |
| Top side                                                               | 20 | QPSK | 20850/2510   | 1:1 | 0.27    | 0.09  | 15.28 | 16.3 | 1.265 | 0.341        | 22.3 |
| Top side                                                               | 20 | QPSK | 21100/2535.5 | 1:1 | 0.319   | 0.04  | 15.12 | 16.3 | 1.312 | 0.419        | 22.3 |
| Top side                                                               | 20 | QPSK | 21350/2560   | 1:1 | 0.369   | 0.03  | 15.01 | 16.3 | 1.346 | <b>0.497</b> | 22.3 |
| Hotspot actived for 5G WIFI Test data (Separate 10mm 1RB_0 offset)     |    |      |              |     |         |       |       |      |       |              |      |
| Front side                                                             | 20 | QPSK | 21100/2535.5 | 1:1 | 0.0775  | -0.11 | 13.31 | 14.3 | 1.256 | 0.097        | 22.3 |
| Back side                                                              | 20 | QPSK | 21100/2535.5 | 1:1 | 0.12    | -0.02 | 13.31 | 14.3 | 1.256 | 0.151        | 22.3 |
| Left side                                                              | 20 | QPSK | 21100/2535.5 | 1:1 | 0.0629  | 0.07  | 13.31 | 14.3 | 1.256 | 0.079        | 22.3 |
| Right side                                                             | 20 | QPSK | 21100/2535.5 | 1:1 | 0.00643 | 0.08  | 13.31 | 14.3 | 1.256 | 0.008        | 22.3 |
| Top side                                                               | 20 | QPSK | 21100/2535.5 | 1:1 | 0.201   | 0.19  | 13.31 | 14.3 | 1.256 | 0.252        | 22.3 |

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| Hotspot activated for 5G WIFI Test data (Separate 10mm 50%RB_50 offset) |     |           |                |            |               |                 |                      |                    |               |                  |              |
|-------------------------------------------------------------------------|-----|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|--------------|
| Front side                                                              | 20  | QPSK      | 21100/2535.5   | 1:1        | 0.0788        | 0.07            | 13.19                | 14.3               | 1.291         | 0.102            | 22.3         |
| Back side                                                               | 20  | QPSK      | 21100/2535.5   | 1:1        | 0.108         | -0.1            | 13.19                | 14.3               | 1.291         | 0.139            | 22.3         |
| Left side                                                               | 20  | QPSK      | 21100/2535.5   | 1:1        | 0.0637        | -0.1            | 13.19                | 14.3               | 1.291         | 0.082            | 22.3         |
| Right side                                                              | 20  | QPSK      | 21100/2535.5   | 1:1        | 0.005         | 0.06            | 13.19                | 14.3               | 1.291         | 0.006            | 22.3         |
| Top side                                                                | 20  | QPSK      | 21100/2535.5   | 1:1        | 0.205         | 0.16            | 13.19                | 14.3               | 1.291         | 0.265            | 22.3         |
| Top side                                                                | 20  | QPSK      | 20850/2510     | 1:1        | 0.182         | 0.02            | 13.16                | 14.3               | 1.300         | 0.237            | 22.3         |
| Top side                                                                | 20  | QPSK      | 21350/2560     | 1:1        | 0.201         | 0.19            | 13.03                | 14.3               | 1.340         | 0.269            | 22.3         |
| Hotspot Test Data at the worst case with SIM2                           |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Top side                                                                | 20  | QPSK      | 21350/2560     | 1:1        | 0.339         | 0.2             | 15.01                | 16.3               | 1.346         | 0.456            | 22.3         |
| Hotspot Test Data at the worst case with Battery 2#                     |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Top side                                                                | 20  | QPSK      | 21350/2560     | 1:1        | 0.366         | 0.05            | 15.01                | 16.3               | 1.346         | 0.493            | 22.3         |
| Hotspot Test Data at the worst case with Battery 3#                     |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Top side                                                                | 20  | QPSK      | 21350/2560     | 1:1        | 0.307         | 0.02            | 15.01                | 16.3               | 1.346         | 0.413            | 22.3         |
| Ant2 Additional Test data(simultaneous transmission with 5G WIFI+BT)    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Test position                                                           | BW. | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp. |
| Head Test data(1RB_99 offset)                                           |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right tilted                                                            | 20  | QPSK      | 21350/2560     | 1:1        | 0.206         | -0.08           | 9.87                 | 10.8               | 1.239         | <b>0.255</b>     | 22.3         |
| Additional Test data of back cover                                      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Head Test Data at the worst case with back cover 1                      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right tilted                                                            | 20  | QPSK      | 21350/2560     | 1:1        | 0.711         | -0.04           | 14.69                | 15.3               | 1.151         | 0.818            | 22.3         |
| Head Test Data at the worst case with back cover 2                      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right tilted                                                            | 20  | QPSK      | 21350/2560     | 1:1        | 0.816         | -0.02           | 14.69                | 15.3               | 1.151         | 0.939            | 22.3         |

Table 25 : SAR of LTE Band 7 for Head and Body.

Note:

- 1) The maximum Scaled SAR value is marked in bold. Graph results refer to Appendix B
- 2) If the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is  $\leq 0.8$  W/kg then testing at the other channels is not required for such test configuration(s).



**8.3.10 SAR Result Of LTE Band 12**

| Ant1 Test data                                      |     |           |                |            |               |                 |                      |                    |               |                  |              |
|-----------------------------------------------------|-----|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|--------------|
| Test position                                       | BW. | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp. |
| Head Test data(1RB_49 offset)                       |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                          | 10  | QPSK      | 23130/711      | 1:1        | 0.099         | 0.12            | 22.97                | 24                 | 1.268         | 0.125            | 22.3         |
| Left tilted                                         | 10  | QPSK      | 23130/711      | 1:1        | 0.082         | -0.02           | 22.97                | 24                 | 1.268         | 0.104            | 22.3         |
| Right cheek                                         | 10  | QPSK      | 23130/711      | 1:1        | 0.14          | 0.01            | 22.97                | 24                 | 1.268         | 0.177            | 22.3         |
| Right tilted                                        | 10  | QPSK      | 23130/711      | 1:1        | 0.079         | 0.13            | 22.97                | 24                 | 1.268         | 0.100            | 22.3         |
| Right cheek                                         | 10  | QPSK      | 23060/704      | 1:1        | 0.136         | -0.01           | 22.9                 | 24                 | 1.288         | 0.175            | 22.3         |
| Right cheek                                         | 10  | QPSK      | 23095/707.5    | 1:1        | 0.147         | -0.03           | 22.96                | 24                 | 1.271         | 0.187            | 22.3         |
| Head Test data(50%RB_25 offset)                     |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                          | 10  | QPSK      | 23130/711      | 1:1        | 0.0782        | -0.18           | 21.91                | 23                 | 1.285         | 0.101            | 22.3         |
| Left tilted                                         | 10  | QPSK      | 23130/711      | 1:1        | 0.0617        | 0.2             | 21.91                | 23                 | 1.285         | 0.079            | 22.3         |
| Right cheek                                         | 10  | QPSK      | 23130/711      | 1:1        | 0.109         | 0.12            | 21.91                | 23                 | 1.285         | 0.140            | 22.3         |
| Right tilted                                        | 10  | QPSK      | 23130/711      | 1:1        | 0.0617        | 0.15            | 21.91                | 23                 | 1.285         | 0.079            | 22.3         |
| Head Test Data at the worst case with SIM2          |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right cheek                                         | 10  | QPSK      | 23095/707.5    | 1:1        | 0.147         | 0.06            | 22.96                | 24                 | 1.271         | 0.187            | 22.3         |
| Head Test Data at the worst case with Battery 2#    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right cheek                                         | 10  | QPSK      | 23095/707.5    | 1:1        | 0.153         | 0.06            | 22.96                | 24                 | 1.271         | <b>0.194</b>     | 22.3         |
| Head Test Data at the worst case with Battery 3#    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right cheek                                         | 10  | QPSK      | 23095/707.5    | 1:1        | 0.145         | 0.02            | 22.96                | 24                 | 1.271         | 0.184            | 22.3         |
| Body worn Test data(Separate 15mm 1RB_49 offset)    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                          | 10  | QPSK      | 23130/711      | 1:1        | 0.197         | 0.02            | 22.97                | 24                 | 1.268         | 0.250            | 22.3         |
| Back side                                           | 10  | QPSK      | 23130/711      | 1:1        | 0.251         | 0.01            | 22.97                | 24                 | 1.268         | 0.318            | 22.3         |
| Back side                                           | 10  | QPSK      | 23060/704      | 1:1        | 0.227         | -0.01           | 22.9                 | 24                 | 1.288         | 0.292            | 22.3         |
| Back side                                           | 10  | QPSK      | 23095/707.5    | 1:1        | 0.239         | 0.03            | 22.96                | 24                 | 1.271         | 0.304            | 22.3         |
| Body worn Test data (Separate 15mm 50%RB_25 offset) |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                          | 10  | QPSK      | 23130/711      | 1:1        | 0.156         | -0.01           | 21.91                | 23                 | 1.285         | 0.201            | 22.3         |
| Back side                                           | 10  | QPSK      | 23130/711      | 1:1        | 0.202         | 0               | 21.91                | 23                 | 1.285         | 0.260            | 22.3         |
| Body worn Data at the worst case with SIM2          |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Back side                                           | 10  | QPSK      | 23130/711      | 1:1        | 0.214         | -0.01           | 22.97                | 24                 | 1.268         | 0.271            | 22.3         |
| Body worn Data at the worst case with Battery 2#    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Back side                                           | 10  | QPSK      | 23130/711      | 1:1        | 0.26          | -0.01           | 22.97                | 24                 | 1.268         | <b>0.330</b>     | 22.3         |
| Body worn Data at the worst case with Battery 3#    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Back side                                           | 10  | QPSK      | 23130/711      | 1:1        | 0.249         | -0.03           | 22.97                | 24                 | 1.268         | 0.316            | 22.3         |

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| Hotspot Test data(Separate 10mm 1RB_49 offset)      |     |           |                |            |               |                 |                      |                    |               |                  |              |
|-----------------------------------------------------|-----|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|--------------|
| Front side                                          | 10  | QPSK      | 23130/711      | 1:1        | 0.272         | -0.03           | 22.97                | 24                 | 1.268         | 0.345            | 22.3         |
| Back side                                           | 10  | QPSK      | 23130/711      | 1:1        | 0.334         | -0.01           | 22.97                | 24                 | 1.268         | 0.423            | 22.3         |
| Left side                                           | 10  | QPSK      | 23130/711      | 1:1        | 0.316         | 0.06            | 22.97                | 24                 | 1.268         | 0.401            | 22.3         |
| Right side                                          | 10  | QPSK      | 23130/711      | 1:1        | 0.349         | 0.04            | 22.97                | 24                 | 1.268         | <b>0.442</b>     | 22.3         |
| Bottom side                                         | 10  | QPSK      | 23130/711      | 1:1        | 0.176         | 0.07            | 22.97                | 24                 | 1.268         | 0.223            | 22.3         |
| Right side                                          | 10  | QPSK      | 23060/704      | 1:1        | 0.178         | 0.11            | 22.9                 | 24                 | 1.288         | 0.229            | 22.3         |
| Right side                                          | 10  | QPSK      | 23095/707.5    | 1:1        | 0.19          | 0.12            | 22.96                | 24                 | 1.271         | 0.241            | 22.3         |
| Hotspot Test data (Separate 10mm 50%RB_25 offset)   |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                          | 10  | QPSK      | 23130/711      | 1:1        | 0.215         | 0.01            | 21.91                | 23                 | 1.285         | 0.276            | 22.3         |
| Back side                                           | 10  | QPSK      | 23130/711      | 1:1        | 0.27          | 0.03            | 21.91                | 23                 | 1.285         | 0.347            | 22.3         |
| Left side                                           | 10  | QPSK      | 23130/711      | 1:1        | 0.25          | 0.06            | 21.91                | 23                 | 1.285         | 0.321            | 22.3         |
| Right side                                          | 10  | QPSK      | 23130/711      | 1:1        | 0.271         | 0.03            | 21.91                | 23                 | 1.285         | 0.348            | 22.3         |
| Bottom side                                         | 10  | QPSK      | 23130/711      | 1:1        | 0.142         | 0.07            | 21.91                | 23                 | 1.285         | 0.183            | 22.3         |
| Hotspot Test Data at the worst case with SIM2       |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right side                                          | 10  | QPSK      | 23130/711      | 1:1        | 0.222         | 0.08            | 22.97                | 24                 | 1.268         | 0.281            | 22.3         |
| Hotspot Test Data at the worst case with Battery 2# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right side                                          | 10  | QPSK      | 23130/711      | 1:1        | 0.241         | 0.13            | 22.97                | 24                 | 1.268         | 0.306            | 22.3         |
| Hotspot Test Data at the worst case with Battery 3# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right side                                          | 10  | QPSK      | 23130/711      | 1:1        | 0.232         | 0.13            | 22.97                | 24                 | 1.268         | 0.294            | 22.3         |
| Ant2 Test data                                      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Test position                                       | BW. | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp. |
| Head Test data(1RB offset)                          |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                          | 10  | QPSK      | 23130/711      | 1:1        | 0.64          | 0.05            | 20.77                | 21.5               | 1.183         | 0.757            | 22.3         |
| Left tilted                                         | 10  | QPSK      | 23130/711      | 1:1        | 0.525         | -0.03           | 20.77                | 21.5               | 1.183         | 0.621            | 22.3         |
| Right cheek                                         | 10  | QPSK      | 23130/711      | 1:1        | 0.447         | -0.05           | 20.21                | 21                 | 1.199         | 0.536            | 22.3         |
| Right tilted                                        | 10  | QPSK      | 23130/711      | 1:1        | 0.548         | 0.07            | 20.21                | 21                 | 1.199         | 0.657            | 22.3         |
| Left cheek                                          | 10  | QPSK      | 23060/704      | 1:1        | 0.55          | 0.16            | 20.7                 | 21.5               | 1.202         | 0.661            | 22.3         |
| Left cheek                                          | 10  | QPSK      | 23095/707.5    | 1:1        | 0.623         | 0.02            | 20.74                | 21.5               | 1.191         | 0.742            | 22.3         |
| Head Test data(50%RB offset)                        |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                          | 10  | QPSK      | 23130/711      | 1:1        | 0.625         | 0.09            | 20.79                | 21.5               | 1.178         | 0.736            | 22.3         |
| Left tilted                                         | 10  | QPSK      | 23130/711      | 1:1        | 0.512         | 0.03            | 20.79                | 21.5               | 1.178         | 0.603            | 22.3         |
| Right cheek                                         | 10  | QPSK      | 23130/711      | 1:1        | 0.556         | 0.09            | 20.25                | 21                 | 1.189         | 0.661            | 22.3         |
| Right tilted                                        | 10  | QPSK      | 23130/711      | 1:1        | 0.532         | 0.02            | 20.25                | 21                 | 1.189         | 0.632            | 22.3         |
| Head Test Data at the worst case with SIM2          |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                          | 10  | QPSK      | 23130/711      | 1:1        | 0.689         | 0.11            | 20.77                | 21.5               | 1.183         | <b>0.815</b>     | 22.3         |
| Head Test Data at the worst case with Battery 2#    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                          | 10  | QPSK      | 23130/711      | 1:1        | 0.62          | 0.15            | 20.77                | 21.5               | 1.183         | 0.733            | 22.3         |
| Head Test Data at the worst case with Battery 3#    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                          | 10  | QPSK      | 23130/711      | 1:1        | 0.553         | -0.09           | 20.77                | 21.5               | 1.183         | 0.654            | 22.3         |

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| Body worn Test data(Separate 15mm 1RB_49 offset)                          |    |      |             |     |         |       |       |    |       |              |      |
|---------------------------------------------------------------------------|----|------|-------------|-----|---------|-------|-------|----|-------|--------------|------|
| Front side                                                                | 10 | QPSK | 23130/711   | 1:1 | 0.156   | -0.1  | 23.19 | 24 | 1.205 | 0.188        | 22.3 |
| Back side                                                                 | 10 | QPSK | 23130/711   | 1:1 | 0.153   | -0.05 | 23.19 | 24 | 1.205 | 0.184        | 22.3 |
| Front side                                                                | 10 | QPSK | 23060/704   | 1:1 | 0.116   | -0.02 | 23.11 | 24 | 1.227 | 0.142        | 22.3 |
| Front side                                                                | 10 | QPSK | 23095/707.5 | 1:1 | 0.135   | -0.03 | 23.18 | 24 | 1.208 | 0.163        | 22.3 |
| Body worn Test data (Separate 15mm 50%RB_25 offset)                       |    |      |             |     |         |       |       |    |       |              |      |
| Front side                                                                | 10 | QPSK | 23130/711   | 1:1 | 0.116   | -0.1  | 22.16 | 23 | 1.213 | 0.141        | 22.3 |
| Back side                                                                 | 10 | QPSK | 23130/711   | 1:1 | 0.114   | 0.06  | 22.16 | 23 | 1.213 | 0.138        | 22.3 |
| Body worn Test Data at the worst case with SIM2                           |    |      |             |     |         |       |       |    |       |              |      |
| Front side                                                                | 10 | QPSK | 23130/711   | 1:1 | 0.163   | -0.02 | 23.19 | 24 | 1.205 | 0.196        | 22.3 |
| Body worn Test Data at the worst case with Battery 2#                     |    |      |             |     |         |       |       |    |       |              |      |
| Front side                                                                | 10 | QPSK | 23130/711   | 1:1 | 0.157   | -0.01 | 23.19 | 24 | 1.205 | 0.189        | 22.3 |
| Body worn Test Data at the worst case with Battery 3#                     |    |      |             |     |         |       |       |    |       |              |      |
| Front side                                                                | 10 | QPSK | 23130/711   | 1:1 | 0.183   | -0.01 | 23.19 | 24 | 1.205 | <b>0.221</b> | 22.3 |
| Hotspot activated for 2.4G WIFI Test data(Separate 10mm 1RB_49 offset)    |    |      |             |     |         |       |       |    |       |              |      |
| Front side                                                                | 10 | QPSK | 23130/711   | 1:1 | 0.17    | 0.07  | 20.07 | 21 | 1.239 | 0.211        | 22.3 |
| Back side                                                                 | 10 | QPSK | 23130/711   | 1:1 | 0.169   | 0.9   | 20.07 | 21 | 1.239 | 0.209        | 22.3 |
| Left side                                                                 | 10 | QPSK | 23130/711   | 1:1 | 0.0641  | 0.08  | 20.07 | 21 | 1.239 | 0.079        | 22.3 |
| Right side                                                                | 10 | QPSK | 23130/711   | 1:1 | 0.0147  | 0.19  | 20.07 | 21 | 1.239 | 0.018        | 22.3 |
| Top side                                                                  | 10 | QPSK | 23130/711   | 1:1 | 0.143   | 0.06  | 20.07 | 21 | 1.239 | 0.177        | 22.3 |
| Front side                                                                | 10 | QPSK | 23060/704   | 1:1 | 0.132   | 0.07  | 20.02 | 21 | 1.253 | 0.165        | 22.3 |
| Front side                                                                | 10 | QPSK | 23095/707.5 | 1:1 | 0.155   | 0.06  | 20.02 | 21 | 1.253 | 0.194        | 22.3 |
| Hotspot activated for 2.4G WIFI Test data (Separate 10mm 50%RB_25 offset) |    |      |             |     |         |       |       |    |       |              |      |
| Front side                                                                | 10 | QPSK | 23130/711   | 1:1 | 0.156   | 0.07  | 20.08 | 21 | 1.236 | 0.193        | 22.3 |
| Back side                                                                 | 10 | QPSK | 23130/711   | 1:1 | 0.156   | 0.13  | 20.08 | 21 | 1.236 | 0.193        | 22.3 |
| Left side                                                                 | 10 | QPSK | 23130/711   | 1:1 | 0.0603  | 0.1   | 20.08 | 21 | 1.236 | 0.075        | 22.3 |
| Right side                                                                | 10 | QPSK | 23130/711   | 1:1 | 0.0137  | -0.19 | 20.08 | 21 | 1.236 | 0.017        | 22.3 |
| Top side                                                                  | 10 | QPSK | 23130/711   | 1:1 | 0.133   | 0.02  | 20.08 | 21 | 1.236 | 0.164        | 22.3 |
| Hotspot activated for 5G WIFI Test data(Separate 10mm 1RB_49 offset)      |    |      |             |     |         |       |       |    |       |              |      |
| Front side                                                                | 10 | QPSK | 23130/711   | 1:1 | 0.104   | 0.1   | 18.07 | 19 | 1.239 | 0.129        | 22.3 |
| Back side                                                                 | 10 | QPSK | 23130/711   | 1:1 | 0.102   | 0.08  | 18.07 | 19 | 1.239 | 0.126        | 22.3 |
| Left side                                                                 | 10 | QPSK | 23130/711   | 1:1 | 0.0399  | 0.11  | 18.07 | 19 | 1.239 | 0.049        | 22.3 |
| Right side                                                                | 10 | QPSK | 23130/711   | 1:1 | 0.00967 | 0.19  | 18.07 | 19 | 1.239 | 0.012        | 22.3 |
| Top side                                                                  | 10 | QPSK | 23130/711   | 1:1 | 0.0932  | 0.02  | 18.07 | 19 | 1.239 | 0.115        | 22.3 |
| Front side                                                                | 10 | QPSK | 23060/704   | 1:1 | 0.0771  | 0.05  | 18.03 | 19 | 1.250 | 0.096        | 22.3 |
| Front side                                                                | 10 | QPSK | 23095/707.5 | 1:1 | 0.0906  | 0.11  | 18.05 | 19 | 1.245 | 0.113        | 22.3 |
| Hotspot activated for 5G WIFI Test data (Separate 10mm 50%RB_25 offset)   |    |      |             |     |         |       |       |    |       |              |      |
| Front side                                                                | 10 | QPSK | 23130/711   | 1:1 | 0.0956  | 0.05  | 18.1  | 19 | 1.230 | 0.118        | 22.3 |
| Back side                                                                 | 10 | QPSK | 23130/711   | 1:1 | 0.0952  | 0.06  | 18.1  | 19 | 1.230 | 0.117        | 22.3 |
| Left side                                                                 | 10 | QPSK | 23130/711   | 1:1 | 0.0372  | 0.14  | 18.1  | 19 | 1.230 | 0.046        | 22.3 |
| Right side                                                                | 10 | QPSK | 23130/711   | 1:1 | 0.00867 | 0.07  | 18.1  | 19 | 1.230 | 0.011        | 22.3 |
| Top side                                                                  | 10 | QPSK | 23130/711   | 1:1 | 0.0852  | 0.09  | 18.1  | 19 | 1.230 | 0.105        | 22.3 |

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| Hotspot Test Data at the worst case with SIM2                        |     |           |                |            |               |                 |                      |                    |               |                  |              |
|----------------------------------------------------------------------|-----|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|--------------|
| Front side                                                           | 10  | QPSK      | 23130/711      | 1:1        | 0.202         | 0.01            | 20.07                | 21                 | 1.239         | <b>0.250</b>     | 22.3         |
| Hotspot Test Data at the worst case with Battery 2#                  |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                                           | 10  | QPSK      | 23130/711      | 1:1        | 0.183         | 0.08            | 20.07                | 21                 | 1.239         | 0.227            | 22.3         |
| Hotspot Test Data at the worst case with Battery 3#                  |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                                           | 10  | QPSK      | 23130/711      | 1:1        | 0.192         | 0.01            | 20.07                | 21                 | 1.239         | 0.238            | 22.3         |
| Ant2 Additional Test data(simultaneous transmission with 5G WIFI+BT) |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Test position                                                        | BW. | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp. |
| Head Test data(1RB offset)                                           |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                                           | 10  | QPSK      | 23130/711      | 1:1        | 0.142         | 0.04            | 15.6                 | 16.5               | 1.230         | <b>0.175</b>     | 22.3         |

Table 26 : SAR of LTE Band 12 for Head and Body.

Note:

- 1) The maximum Scaled SAR value is marked in bold. Graph results refer to Appendix B
- 2) If the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is  $\leq 0.8$  W/kg then testing at the other channels is not required for such test configuration(s).

### 8.3.11 SAR Result Of LTE Band 17

| Ant1 Test data                                        |     |           |                |            |               |                 |                      |                    |               |                  |              |
|-------------------------------------------------------|-----|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|--------------|
| Test position                                         | BW. | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp. |
| Head Test data(1RB_49 offset)                         |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                            | 10  | QPSK      | 23800/711      | 1:1        | 0.1           | -0.14           | 22.98                | 24                 | 1.265         | 0.126            | 22.3         |
| Left tilted                                           | 10  | QPSK      | 23800/711      | 1:1        | 0.079         | 0.08            | 22.98                | 24                 | 1.265         | 0.100            | 22.3         |
| Right cheek                                           | 10  | QPSK      | 23800/711      | 1:1        | 0.14          | 0.11            | 22.98                | 24                 | 1.265         | 0.177            | 22.3         |
| Right tilted                                          | 10  | QPSK      | 23800/711      | 1:1        | 0.0772        | 0.05            | 22.98                | 24                 | 1.265         | 0.098            | 22.3         |
| Right cheek                                           | 10  | QPSK      | 23780/709      | 1:1        | 0.148         | -0.09           | 22.91                | 24                 | 1.285         | 0.190            | 22.3         |
| Right cheek                                           | 10  | QPSK      | 23790/710      | 1:1        | 0.151         | -0.1            | 22.86                | 24                 | 1.300         | <b>0.196</b>     | 22.3         |
| Head Test data(50%RB_25 offset)                       |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                            | 10  | QPSK      | 23800/711      | 1:1        | 0.082         | 0.04            | 21.88                | 23                 | 1.294         | 0.106            | 22.3         |
| Left tilted                                           | 10  | QPSK      | 23800/711      | 1:1        | 0.0608        | 0.02            | 21.88                | 23                 | 1.294         | 0.079            | 22.3         |
| Right cheek                                           | 10  | QPSK      | 23800/711      | 1:1        | 0.108         | 0.15            | 21.88                | 23                 | 1.294         | 0.140            | 22.3         |
| Right tilted                                          | 10  | QPSK      | 23800/711      | 1:1        | 0.0597        | 0.03            | 21.88                | 23                 | 1.294         | 0.077            | 22.3         |
| Head Test Data at the worst case with SIM2            |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right cheek                                           | 10  | QPSK      | 23790/710      | 1:1        | 0.149         | 0.15            | 22.86                | 24                 | 1.300         | 0.194            | 22.3         |
| Head Test Data at the worst case with Battery 2#      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right cheek                                           | 10  | QPSK      | 23790/710      | 1:1        | 0.15          | 0.02            | 22.86                | 24                 | 1.300         | 0.195            | 22.3         |
| Head Test Data at the worst case with Battery 3#      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right cheek                                           | 10  | QPSK      | 23790/710      | 1:1        | 0.146         | -0.06           | 22.86                | 24                 | 1.300         | 0.190            | 22.3         |
| Body worn Test data(Separate 15mm 1RB_49 offset)      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                            | 10  | QPSK      | 23800/711      | 1:1        | 0.193         | 0               | 22.98                | 24                 | 1.265         | 0.244            | 22.3         |
| Back side                                             | 10  | QPSK      | 23800/711      | 1:1        | 0.245         | -0.02           | 22.98                | 24                 | 1.265         | 0.31             | 22.3         |
| Back side                                             | 10  | QPSK      | 23780/709      | 1:1        | 0.244         | 0               | 22.91                | 24                 | 1.285         | 0.314            | 22.3         |
| Back side                                             | 10  | QPSK      | 23790/710      | 1:1        | 0.246         | 0.01            | 22.86                | 24                 | 1.300         | 0.32             | 22.3         |
| Body worn Test data (Separate 15mm 50%RB_25 offset)   |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                            | 10  | QPSK      | 23800/711      | 1:1        | 0.153         | 0.01            | 21.88                | 23                 | 1.294         | 0.198            | 22.3         |
| Back side                                             | 10  | QPSK      | 23800/711      | 1:1        | 0.194         | -0.01           | 21.88                | 23                 | 1.294         | 0.251            | 22.3         |
| Body worn Test Data at the worst case with SIM2       |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Back side                                             | 10  | QPSK      | 23790/710      | 1:1        | 0.247         | -0.02           | 22.86                | 24                 | 1.300         | 0.321            | 22.3         |
| Body worn Test Data at the worst case with Battery 2# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Back side                                             | 10  | QPSK      | 23790/710      | 1:1        | 0.263         | -0.03           | 22.86                | 24                 | 1.300         | <b>0.342</b>     | 22.3         |
| Body worn Test Data at the worst case with Battery 3# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Back side                                             | 10  | QPSK      | 23790/710      | 1:1        | 0.25          | -0.08           | 22.86                | 24                 | 1.300         | 0.325            | 22.3         |

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| Hotspot Test data(Separate 10mm 1RB_49 offset)      |     |           |                |            |               |                 |                      |                    |               |                  |              |
|-----------------------------------------------------|-----|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|--------------|
| Front side                                          | 10  | QPSK      | 23800/711      | 1:1        | 0.264         | 0.01            | 22.98                | 24                 | 1.265         | 0.334            | 22.3         |
| Back side                                           | 10  | QPSK      | 23800/711      | 1:1        | 0.32          | -0.03           | 22.98                | 24                 | 1.265         | 0.405            | 22.3         |
| Left side                                           | 10  | QPSK      | 23800/711      | 1:1        | 0.305         | 0.02            | 22.98                | 24                 | 1.265         | 0.386            | 22.3         |
| Right side                                          | 10  | QPSK      | 23800/711      | 1:1        | 0.348         | 0.03            | 22.98                | 24                 | 1.265         | 0.44             | 22.3         |
| Bottom side                                         | 10  | QPSK      | 23800/711      | 1:1        | 0.176         | 0.07            | 22.98                | 24                 | 1.265         | 0.223            | 22.3         |
| Right side                                          | 10  | QPSK      | 23780/709      | 1:1        | 0.338         | -0.01           | 22.91                | 24                 | 1.285         | 0.434            | 22.3         |
| Right side                                          | 10  | QPSK      | 23790/710      | 1:1        | 0.346         | -0.01           | 22.86                | 24                 | 1.300         | <b>0.45</b>      | 22.3         |
| Hotspot Test data (Separate 10mm 50%RB_25 offset)   |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                          | 10  | QPSK      | 23800/711      | 1:1        | 0.21          | 0.01            | 21.88                | 23                 | 1.294         | 0.272            | 22.3         |
| Back side                                           | 10  | QPSK      | 23800/711      | 1:1        | 0.256         | -0.01           | 21.88                | 23                 | 1.294         | 0.331            | 22.3         |
| Left side                                           | 10  | QPSK      | 23800/711      | 1:1        | 0.243         | 0.02            | 21.88                | 23                 | 1.294         | 0.314            | 22.3         |
| Right side                                          | 10  | QPSK      | 23800/711      | 1:1        | 0.272         | 0               | 21.88                | 23                 | 1.294         | 0.352            | 22.3         |
| Bottom side                                         | 10  | QPSK      | 23800/711      | 1:1        | 0.139         | 0.02            | 21.88                | 23                 | 1.294         | 0.180            | 22.3         |
| Hotspot Test Data at the worst case with SIM2       |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right side                                          | 10  | QPSK      | 23790/710      | 1:1        | 0.344         | 0.09            | 22.86                | 24                 | 1.300         | 0.447            | 22.3         |
| Hotspot Test Data at the worst case with Battery 2# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right side                                          | 10  | QPSK      | 23790/710      | 1:1        | 0.343         | -0.06           | 22.86                | 24                 | 1.300         | 0.446            | 22.3         |
| Hotspot Test Data at the worst case with Battery 3# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right side                                          | 10  | QPSK      | 23790/710      | 1:1        | 0.335         | 0.03            | 22.86                | 24                 | 1.300         | 0.436            | 22.3         |
| Ant2 Test data                                      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Test position                                       | BW. | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp. |
| Head Test data(1RB offset_49)                       |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                          | 10  | QPSK      | 23800/711      | 1:1        | 0.511         | -0.03           | 19.72                | 20.5               | 1.197         | 0.612            | 22.3         |
| Left tilted                                         | 10  | QPSK      | 23800/711      | 1:1        | 0.417         | 0.08            | 19.72                | 20.5               | 1.197         | 0.499            | 22.3         |
| Right cheek                                         | 10  | QPSK      | 23800/711      | 1:1        | 0.57          | -0.02           | 20.25                | 21                 | 1.189         | 0.677            | 22.3         |
| Right tilted                                        | 10  | QPSK      | 23800/711      | 1:1        | 0.536         | 0.07            | 20.25                | 21                 | 1.189         | 0.637            | 22.3         |
| Right cheek                                         | 10  | QPSK      | 23780/709      | 1:1        | 0.539         | 0.01            | 20.16                | 21                 | 1.213         | 0.654            | 22.3         |
| Right cheek                                         | 10  | QPSK      | 23790/710      | 1:1        | 0.577         | 0.14            | 20.18                | 21                 | 1.208         | 0.697            | 22.3         |
| Head Test data(50%RB_25 offset)                     |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                          | 10  | QPSK      | 23800/711      | 1:1        | 0.479         | 0.02            | 19.74                | 20.5               | 1.191         | 0.571            | 22.3         |
| Left tilted                                         | 10  | QPSK      | 23800/711      | 1:1        | 0.398         | 0.05            | 19.74                | 20.5               | 1.191         | 0.474            | 22.3         |
| Right cheek                                         | 10  | QPSK      | 23800/711      | 1:1        | 0.547         | 0.01            | 20.2                 | 21                 | 1.202         | 0.658            | 22.3         |
| Right tilted                                        | 10  | QPSK      | 23800/711      | 1:1        | 0.518         | 0.05            | 20.2                 | 21                 | 1.202         | 0.623            | 22.3         |
| Head Test Data at the worst case with SIM2          |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right cheek                                         | 10  | QPSK      | 23790/710      | 1:1        | 0.463         | 0.05            | 20.18                | 21                 | 1.208         | 0.559            | 22.3         |
| Head Test Data at the worst case with Battery 2#    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right cheek                                         | 10  | QPSK      | 23790/710      | 1:1        | 0.612         | -0.01           | 20.18                | 21                 | 1.208         | <b>0.739</b>     | 22.3         |
| Head Test Data at the worst case with Battery 3#    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right cheek                                         | 10  | QPSK      | 23790/710      | 1:1        | 0.579         | 0.06            | 20.18                | 21                 | 1.208         | 0.699            | 22.3         |

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| Body worn Test data(Separate 15mm 1RB_49 offset)                        |    |      |           |     |         |       |       |    |       |              |      |
|-------------------------------------------------------------------------|----|------|-----------|-----|---------|-------|-------|----|-------|--------------|------|
| Front side                                                              | 10 | QPSK | 23780/709 | 1:1 | 0.143   | 0.02  | 23.11 | 24 | 1.227 | 0.176        | 22.3 |
| Back side                                                               | 10 | QPSK | 23780/709 | 1:1 | 0.14    | -0.06 | 23.11 | 24 | 1.227 | 0.172        | 22.3 |
| Front side                                                              | 10 | QPSK | 23790/710 | 1:1 | 0.133   | 0.14  | 23.08 | 24 | 1.236 | 0.164        | 22.3 |
| Front side                                                              | 10 | QPSK | 23800/711 | 1:1 | 0.138   | 0.13  | 23.06 | 24 | 1.242 | 0.171        | 22.3 |
| Body worn Test data (Separate 15mm 50%RB_25 offset)                     |    |      |           |     |         |       |       |    |       |              |      |
| Front side                                                              | 10 | QPSK | 23780/709 | 1:1 | 0.104   | -0.09 | 22.13 | 23 | 1.222 | 0.127        | 22.3 |
| Back side                                                               | 10 | QPSK | 23780/709 | 1:1 | 0.107   | -0.04 | 22.13 | 23 | 1.222 | 0.131        | 22.3 |
| Body worn Test Data at the worst case with SIM2                         |    |      |           |     |         |       |       |    |       |              |      |
| Front side                                                              | 10 | QPSK | 23780/709 | 1:1 | 0.149   | 0.06  | 23.11 | 24 | 1.227 | 0.183        | 22.3 |
| Body worn Test Data at the worst case with Battery 2#                   |    |      |           |     |         |       |       |    |       |              |      |
| Front side                                                              | 10 | QPSK | 23780/709 | 1:1 | 0.144   | 0.02  | 23.11 | 24 | 1.227 | 0.177        | 22.3 |
| Body worn Test Data at the worst case with Battery 3#                   |    |      |           |     |         |       |       |    |       |              |      |
| Front side                                                              | 10 | QPSK | 23780/709 | 1:1 | 0.17    | 0.02  | 23.11 | 24 | 1.227 | <b>0.209</b> | 22.3 |
| Hotspot actived for 2.4G WIFI Test data(Separate 10mm 1RB_49 offset)    |    |      |           |     |         |       |       |    |       |              |      |
| Front side                                                              | 10 | QPSK | 23800/711 | 1:1 | 0.169   | -0.07 | 20.05 | 21 | 1.245 | 0.210        | 22.3 |
| Back side                                                               | 10 | QPSK | 23800/711 | 1:1 | 0.167   | 0.12  | 20.05 | 21 | 1.245 | 0.208        | 22.3 |
| Left side                                                               | 10 | QPSK | 23800/711 | 1:1 | 0.0639  | 0.08  | 20.05 | 21 | 1.245 | 0.080        | 22.3 |
| Right side                                                              | 10 | QPSK | 23800/711 | 1:1 | 0.0144  | 0.08  | 20.05 | 21 | 1.245 | 0.018        | 22.3 |
| Top side                                                                | 10 | QPSK | 23800/711 | 1:1 | 0.144   | 0.07  | 20.05 | 21 | 1.245 | 0.179        | 22.3 |
| Front side                                                              | 10 | QPSK | 23780/709 | 1:1 | 0.165   | 0.06  | 19.99 | 21 | 1.262 | 0.208        | 22.3 |
| Front side                                                              | 10 | QPSK | 23790/710 | 1:1 | 0.172   | 0.15  | 20.03 | 21 | 1.250 | 0.215        | 22.3 |
| Hotspot actived for 2.4G WIFI Test data (Separate 10mm 50%RB_25 offset) |    |      |           |     |         |       |       |    |       |              |      |
| Front side                                                              | 10 | QPSK | 23800/711 | 1:1 | 0.155   | 0.08  | 20.5  | 21 | 1.122 | 0.174        | 22.3 |
| Back side                                                               | 10 | QPSK | 23800/711 | 1:1 | 0.154   | 0.05  | 20.5  | 21 | 1.122 | 0.173        | 22.3 |
| Left side                                                               | 10 | QPSK | 23800/711 | 1:1 | 0.0587  | 0.13  | 20.5  | 21 | 1.122 | 0.066        | 22.3 |
| Right side                                                              | 10 | QPSK | 23800/711 | 1:1 | 0.0137  | 0.04  | 20.5  | 21 | 1.122 | 0.015        | 22.3 |
| Top side                                                                | 10 | QPSK | 23800/711 | 1:1 | 0.13    | 0.04  | 20.5  | 21 | 1.122 | 0.146        | 22.3 |
| Hotspot actived for 5G WIFI Test data(Separate 10mm 1RB_49 offset)      |    |      |           |     |         |       |       |    |       |              |      |
| Front side                                                              | 10 | QPSK | 23800/711 | 1:1 | 0.102   | -0.05 | 18.08 | 19 | 1.236 | 0.126        | 22.3 |
| Back side                                                               | 10 | QPSK | 23800/711 | 1:1 | 0.102   | 0.17  | 18.08 | 19 | 1.236 | 0.126        | 22.3 |
| Left side                                                               | 10 | QPSK | 23800/711 | 1:1 | 0.0394  | 0     | 18.08 | 19 | 1.236 | 0.049        | 22.3 |
| Right side                                                              | 10 | QPSK | 23800/711 | 1:1 | 0.00908 | 0.14  | 18.08 | 19 | 1.236 | 0.011        | 22.3 |
| Top side                                                                | 10 | QPSK | 23800/711 | 1:1 | 0.0913  | 0.03  | 18.08 | 19 | 1.236 | 0.113        | 22.3 |
| Front side                                                              | 10 | QPSK | 23780/709 | 1:1 | 0.0937  | 0.02  | 18.06 | 19 | 1.242 | 0.116        | 22.3 |
| Front side                                                              | 10 | QPSK | 23790/710 | 1:1 | 0.0975  | 0.04  | 18.05 | 19 | 1.245 | 0.121        | 22.3 |
| Hotspot actived for 5G WIFI Test data (Separate 10mm 50%RB_25 offset)   |    |      |           |     |         |       |       |    |       |              |      |
| Front side                                                              | 10 | QPSK | 23800/711 | 1:1 | 0.0939  | 0.2   | 18.07 | 19 | 1.239 | 0.116        | 22.3 |
| Back side                                                               | 10 | QPSK | 23800/711 | 1:1 | 0.0934  | 0.14  | 18.07 | 19 | 1.239 | 0.116        | 22.3 |
| Left side                                                               | 10 | QPSK | 23800/711 | 1:1 | 0.0388  | -0.04 | 18.07 | 19 | 1.239 | 0.048        | 22.3 |
| Right side                                                              | 10 | QPSK | 23800/711 | 1:1 | 0.00872 | 0.01  | 18.07 | 19 | 1.239 | 0.011        | 22.3 |
| Top side                                                                | 10 | QPSK | 23800/711 | 1:1 | 0.0841  | 0.07  | 18.07 | 19 | 1.239 | 0.104        | 22.3 |

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| Hotspot Test Data at the worst case with SIM2                        |     |           |                |            |               |                 |                      |                    |               |                  |              |
|----------------------------------------------------------------------|-----|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|--------------|
| Front side                                                           | 10  | QPSK      | 23790/710      | 1:1        | 0.193         | 0.1             | 20.03                | 21                 | 1.250         | <b>0.241</b>     | 22.3         |
| Hotspot Test Data at the worst case with Battery 2#                  |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                                           | 10  | QPSK      | 23790/710      | 1:1        | 0.172         | 0.05            | 20.03                | 21                 | 1.250         | 0.215            | 22.3         |
| Hotspot Test Data at the worst case with Battery 3#                  |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                                           | 10  | QPSK      | 23790/710      | 1:1        | 0.182         | 0.04            | 20.03                | 21                 | 1.250         | 0.228            | 22.3         |
| Ant2 Additional Test data(simultaneous transmission with 5G WIFI+BT) |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Test position                                                        | BW. | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp. |
| Head Test data(1RB offset_0)                                         |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                                           | 10  | QPSK      | 23800/711      | 1:1        | 0.111         | -0.02           | 14.61                | 15.5               | 1.227         | 0.136            | 22.3         |
| Right cheek                                                          | 10  | QPSK      | 23790/710      | 1:1        | 0.142         | 0.01            | 15.07                | 16                 | 1.239         | 0.176            | 22.3         |

Table 27 : SAR of LTE Band 17 for Head and Body.

Note:

- 1) The maximum Scaled SAR value is marked in bold. Graph results refer to Appendix B
- 2) If the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is  $\leq 0.8$  W/kg then testing at the other channels is not required for such test configuration(s).

### 8.3.12 SAR Result Of LTE Band 26

| Ant1 Test data                                        |     |           |                |            |               |                 |                      |                    |               |                  |              |
|-------------------------------------------------------|-----|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|--------------|
| Test position                                         | BW. | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp. |
| Head Test data(1RB_38 offset)                         |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                            | 15  | QPSK      | 26775/822.5    | 1:1        | 0.0844        | 0.03            | 22.94                | 24                 | 1.276         | 0.108            | 22.3         |
| Left tilted                                           | 15  | QPSK      | 26775/822.5    | 1:1        | 0.0524        | 0.08            | 22.94                | 24                 | 1.276         | 0.067            | 22.3         |
| Right cheek                                           | 15  | QPSK      | 26775/822.5    | 1:1        | 0.139         | 0.09            | 22.94                | 24                 | 1.276         | 0.177            | 22.3         |
| Right tilted                                          | 15  | QPSK      | 26775/822.5    | 1:1        | 0.0573        | 0.01            | 22.94                | 24                 | 1.276         | 0.073            | 22.3         |
| Right cheek                                           | 15  | QPSK      | 26865/831.5    | 1:1        | 0.161         | -0.12           | 22.88                | 24                 | 1.294         | 0.208            | 22.3         |
| Right cheek                                           | 15  | QPSK      | 26965/841.5    | 1:1        | 0.197         | 0.06            | 22.93                | 24                 | 1.279         | 0.252            | 22.3         |
| Head Test data(50%RB_18 offset)                       |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                            | 15  | QPSK      | 26775/822.5    | 1:1        | 0.0585        | 0.06            | 21.45                | 23                 | 1.429         | 0.084            | 22.3         |
| Left tilted                                           | 15  | QPSK      | 26775/822.5    | 1:1        | 0.0365        | 0.04            | 21.45                | 23                 | 1.429         | 0.052            | 22.3         |
| Right cheek                                           | 15  | QPSK      | 26775/822.5    | 1:1        | 0.0968        | 0.02            | 21.45                | 23                 | 1.429         | 0.138            | 22.3         |
| Right tilted                                          | 15  | QPSK      | 26775/822.5    | 1:1        | 0.0399        | 0.01            | 21.45                | 23                 | 1.429         | 0.057            | 22.3         |
| Head Test Data at the worst case with SIM2            |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right cheek                                           | 15  | QPSK      | 26965/841.5    | 1:1        | 0.195         | 0.02            | 22.93                | 24                 | 1.279         | 0.249            | 22.3         |
| Head Test Data at the worst case with Battery 2#      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right cheek                                           | 15  | QPSK      | 26965/841.5    | 1:1        | 0.2           | 0.14            | 22.93                | 24                 | 1.279         | <b>0.256</b>     | 22.3         |
| Head Test Data at the worst case with Battery 3#      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right cheek                                           | 15  | QPSK      | 26965/841.5    | 1:1        | 0.173         | 0.1             | 22.93                | 24                 | 1.279         | 0.221            | 22.3         |
| Body worn Test data(Separate 15mm 1RB_38 offset)      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                            | 15  | QPSK      | 26775/822.5    | 1:1        | 0.164         | -0.08           | 22.94                | 24                 | 1.276         | 0.209            | 22.3         |
| Back side                                             | 15  | QPSK      | 26775/822.5    | 1:1        | 0.202         | 0.07            | 22.94                | 24                 | 1.276         | 0.258            | 22.3         |
| Back side                                             | 15  | QPSK      | 26865/831.5    | 1:1        | 0.229         | 0.07            | 22.88                | 24                 | 1.294         | 0.296            | 23.3         |
| Back side                                             | 15  | QPSK      | 26965/841.5    | 1:1        | 0.256         | 0.06            | 22.93                | 24                 | 1.279         | 0.328            | 24.3         |
| Body worn Test data (Separate 15mm 50%RB_18 offset)   |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                            | 15  | QPSK      | 26775/822.5    | 1:1        | 0.115         | -0.04           | 21.45                | 23                 | 1.429         | 0.164            | 22.3         |
| Back side                                             | 15  | QPSK      | 26775/822.5    | 1:1        | 0.143         | 0.05            | 21.45                | 23                 | 1.429         | 0.204            | 22.3         |
| Body worn Test data at the worst case with SIM2       |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Back side                                             | 15  | QPSK      | 26965/841.5    | 1:1        | 0.257         | 0.07            | 22.93                | 24                 | 1.279         | 0.329            | 22.3         |
| Body worn Test data at the worst case with Battery 2# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Back side                                             | 15  | QPSK      | 26965/841.5    | 1:1        | 0.26          | 0.04            | 22.93                | 24                 | 1.279         | 0.333            | 22.3         |
| Body worn Test data at the worst case with Battery 3# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Back side                                             | 15  | QPSK      | 26965/841.5    | 1:1        | 0.272         | 0.12            | 22.93                | 24                 | 1.279         | <b>0.348</b>     | 22.3         |

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| Hotspot Test data(Separate 10mm 1RB_38 offset)      |     |           |                |            |               |                 |                      |                    |               |                  |              |
|-----------------------------------------------------|-----|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|--------------|
| Front side                                          | 15  | QPSK      | 26775/822.5    | 1:1        | 0.227         | -0.05           | 22.94                | 24                 | 1.276         | 0.290            | 22.3         |
| Back side                                           | 15  | QPSK      | 26775/822.5    | 1:1        | 0.294         | 0.05            | 22.94                | 24                 | 1.276         | 0.375            | 22.3         |
| Left side                                           | 15  | QPSK      | 26775/822.5    | 1:1        | 0.0964        | 0.05            | 22.94                | 24                 | 1.276         | 0.123            | 22.3         |
| Right side                                          | 15  | QPSK      | 26775/822.5    | 1:1        | 0.256         | 0.03            | 22.94                | 24                 | 1.276         | 0.327            | 22.3         |
| Bottom side                                         | 15  | QPSK      | 26775/822.5    | 1:1        | 0.173         | 0.04            | 22.94                | 24                 | 1.276         | 0.221            | 22.3         |
| Back side                                           | 15  | QPSK      | 26865/831.5    | 1:1        | 0.337         | 0.03            | 22.88                | 24                 | 1.294         | 0.436            | 23.3         |
| Back side                                           | 15  | QPSK      | 26965/841.5    | 1:1        | 0.385         | 0.04            | 22.93                | 24                 | 1.279         | 0.493            | 24.3         |
| Hotspot Test data (Separate 10mm 50%RB_18 offset)   |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                          | 15  | QPSK      | 26775/822.5    | 1:1        | 0.159         | -0.05           | 21.45                | 23                 | 1.429         | 0.227            | 22.3         |
| Back side                                           | 15  | QPSK      | 26775/822.5    | 1:1        | 0.206         | 0.06            | 21.45                | 23                 | 1.429         | 0.294            | 22.3         |
| Left side                                           | 15  | QPSK      | 26775/822.5    | 1:1        | 0.0675        | 0.06            | 21.45                | 23                 | 1.429         | 0.096            | 22.3         |
| Right side                                          | 15  | QPSK      | 26775/822.5    | 1:1        | 0.182         | 0.05            | 21.45                | 23                 | 1.429         | 0.260            | 22.3         |
| Bottom side                                         | 15  | QPSK      | 26775/822.5    | 1:1        | 0.12          | 0.04            | 21.45                | 23                 | 1.429         | 0.171            | 22.3         |
| Hotspot Test data at the worst case with SIM2       |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Back side                                           | 15  | QPSK      | 26965/841.5    | 1:1        | 0.378         | 0.07            | 22.93                | 24                 | 1.279         | 0.484            | 22.3         |
| Hotspot Test data at the worst case with Battery 2# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Back side                                           | 15  | QPSK      | 26965/841.5    | 1:1        | 0.385         | 0.04            | 22.93                | 24                 | 1.279         | <b>0.493</b>     | 22.3         |
| Hotspot Test data at the worst case with Battery 3# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Back side                                           | 15  | QPSK      | 26965/841.5    | 1:1        | 0.369         | 0.13            | 22.93                | 24                 | 1.279         | 0.472            | 22.3         |
| Ant2 Test data                                      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Test position                                       | BW. | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp. |
| Head Test data(1RB_0 offset)                        |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                          | 15  | QPSK      | 26775/822.5    | 1:1        | 0.489         | 0.07            | 18.66                | 19.5               | 1.213         | 0.593            | 22.3         |
| Left tilted                                         | 15  | QPSK      | 26775/822.5    | 1:1        | 0.38          | 0.01            | 18.66                | 19.5               | 1.213         | 0.461            | 22.3         |
| Right cheek                                         | 15  | QPSK      | 26775/822.5    | 1:1        | 0.539         | 0.11            | 19.15                | 20                 | 1.216         | 0.656            | 22.3         |
| Right tilted                                        | 15  | QPSK      | 26775/822.5    | 1:1        | 0.443         | 0               | 19.15                | 20                 | 1.216         | 0.539            | 22.3         |
| Head Test data(50%RB_0 offset)                      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                          | 15  | QPSK      | 26775/822.5    | 1:1        | 0.493         | -0.01           | 18.78                | 19.5               | 1.180         | 0.582            | 22.3         |
| Left tilted                                         | 15  | QPSK      | 26775/822.5    | 1:1        | 0.387         | 0.09            | 18.78                | 19.5               | 1.180         | 0.457            | 22.3         |
| Right cheek                                         | 15  | QPSK      | 26865/831.5    | 1:1        | 0.556         | -0.02           | 19.2                 | 20                 | 1.202         | <b>0.668</b>     | 22.3         |
| Right tilted                                        | 15  | QPSK      | 26865/831.5    | 1:1        | 0.45          | 0.02            | 19.2                 | 20                 | 1.202         | 0.541            | 22.3         |
| Right cheek                                         | 15  | QPSK      | 26775/822.5    | 1:1        | 0.499         | 0.04            | 19.19                | 20                 | 1.205         | 0.601            | 22.3         |
| Right cheek                                         | 15  | QPSK      | 26965/841.5    | 1:1        | 0.501         | -0.05           | 19.12                | 20                 | 1.225         | 0.614            | 22.3         |
| Head Test Data at the worst case with SIM2          |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right cheek                                         | 15  | QPSK      | 26865/831.5    | 1:1        | 0.483         | -0.07           | 19.2                 | 20                 | 1.202         | 0.581            | 22.3         |
| Head Test Data at the worst case with Battery 2#    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right cheek                                         | 15  | QPSK      | 26865/831.5    | 1:1        | 0.489         | 0.04            | 19.2                 | 20                 | 1.202         | 0.588            | 22.3         |

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| Head Test Data at the worst case with Battery 3#                       |    |      |             |     |         |       |       |    |       |              |      |
|------------------------------------------------------------------------|----|------|-------------|-----|---------|-------|-------|----|-------|--------------|------|
| Right cheek                                                            | 15 | QPSK | 26865/831.5 | 1:1 | 0.488   | 0.04  | 19.2  | 20 | 1.202 | 0.587        | 22.3 |
| Body worn Test data(Separate 15mm 1RB_38 offset)                       |    |      |             |     |         |       |       |    |       |              |      |
| Front side                                                             | 15 | QPSK | 26775/822.5 | 1:1 | 0.203   | 0.12  | 23.09 | 24 | 1.233 | 0.250        | 22.3 |
| Back side                                                              | 15 | QPSK | 26775/822.5 | 1:1 | 0.21    | 0.01  | 23.09 | 24 | 1.233 | 0.259        | 22.3 |
| Back side                                                              | 15 | QPSK | 26865/831.5 | 1:1 | 0.209   | -0.05 | 23.02 | 24 | 1.253 | 0.262        | 22.3 |
| Back side                                                              | 15 | QPSK | 26965/841.5 | 1:1 | 0.211   | -0.02 | 23.02 | 24 | 1.253 | 0.264        | 22.3 |
| Body worn Test data (Separate 15mm 50%RB_0 offset)                     |    |      |             |     |         |       |       |    |       |              |      |
| Front side                                                             | 15 | QPSK | 26775/822.5 | 1:1 | 0.145   | 0.11  | 21.66 | 23 | 1.361 | 0.197        | 22.3 |
| Back side                                                              | 15 | QPSK | 26775/822.5 | 1:1 | 0.151   | 0.2   | 21.66 | 23 | 1.361 | 0.206        | 22.3 |
| Body worn Test Data at the worst case with SIM2                        |    |      |             |     |         |       |       |    |       |              |      |
| Back side                                                              | 15 | QPSK | 26965/841.5 | 1:1 | 0.219   | -0.03 | 23.02 | 24 | 1.253 | 0.274        | 22.3 |
| Body worn Test Data at the worst case with Battery 2#                  |    |      |             |     |         |       |       |    |       |              |      |
| Back side                                                              | 15 | QPSK | 26965/841.5 | 1:1 | 0.23    | 0.14  | 23.02 | 24 | 1.253 | <b>0.288</b> | 22.3 |
| Body worn Test Data at the worst case with Battery 3#                  |    |      |             |     |         |       |       |    |       |              |      |
| Back side                                                              | 15 | QPSK | 26965/841.5 | 1:1 | 0.204   | 0     | 23.02 | 24 | 1.253 | 0.256        | 22.3 |
| Hotspot actived for 2.4G WIFI Test data(Separate 10mm 1RB_0 offset)    |    |      |             |     |         |       |       |    |       |              |      |
| Front side                                                             | 15 | QPSK | 26775/822.5 | 1:1 | 0.214   | 0.12  | 20.03 | 21 | 1.250 | 0.268        | 22.3 |
| Back side                                                              | 15 | QPSK | 26775/822.5 | 1:1 | 0.204   | -0.01 | 20.03 | 21 | 1.250 | 0.255        | 22.3 |
| Left side                                                              | 15 | QPSK | 26775/822.5 | 1:1 | 0.0879  | 0.05  | 20.03 | 21 | 1.250 | 0.110        | 22.3 |
| Right side                                                             | 15 | QPSK | 26775/822.5 | 1:1 | 0.023   | -0.16 | 20.03 | 21 | 1.250 | 0.029        | 22.3 |
| Top side                                                               | 15 | QPSK | 26775/822.5 | 1:1 | 0.16    | 0.02  | 20.03 | 21 | 1.250 | 0.200        | 22.3 |
| Front side                                                             | 15 | QPSK | 26865/831.5 | 1:1 | 0.211   | 0.1   | 19.95 | 21 | 1.274 | <b>0.269</b> | 22.3 |
| Front side                                                             | 15 | QPSK | 26965/841.5 | 1:1 | 0.18    | 0.14  | 19.93 | 21 | 1.279 | 0.230        | 22.3 |
| Hotspot actived for 2.4G WIFI Test data (Separate 10mm 50%RB_0 offset) |    |      |             |     |         |       |       |    |       |              |      |
| Front side                                                             | 15 | QPSK | 26775/822.5 | 1:1 | 0.215   | 0.1   | 20.17 | 21 | 1.211 | 0.260        | 22.3 |
| Back side                                                              | 15 | QPSK | 26775/822.5 | 1:1 | 0.206   | -0.05 | 20.17 | 21 | 1.211 | 0.249        | 22.3 |
| Left side                                                              | 15 | QPSK | 26775/822.5 | 1:1 | 0.0892  | 0.07  | 20.17 | 21 | 1.211 | 0.108        | 22.3 |
| Right side                                                             | 15 | QPSK | 26775/822.5 | 1:1 | 0.0227  | 0.01  | 20.17 | 21 | 1.211 | 0.027        | 22.3 |
| Top side                                                               | 15 | QPSK | 26775/822.5 | 1:1 | 0.16    | 0.01  | 20.17 | 21 | 1.211 | 0.194        | 22.3 |
| Hotspot actived for 5G WIFI Test data(Separate 10mm 1RB_0 offset)      |    |      |             |     |         |       |       |    |       |              |      |
| Front side                                                             | 15 | QPSK | 26775/822.5 | 1:1 | 0.111   | 0.1   | 18.07 | 19 | 1.239 | 0.138        | 22.3 |
| Back side                                                              | 15 | QPSK | 26775/822.5 | 1:1 | 0.115   | 0.02  | 18.07 | 19 | 1.239 | 0.142        | 22.3 |
| Left side                                                              | 15 | QPSK | 26775/822.5 | 1:1 | 0.0494  | 0.08  | 18.07 | 19 | 1.239 | 0.061        | 22.3 |
| Right side                                                             | 15 | QPSK | 26775/822.5 | 1:1 | 0.00989 | -0.19 | 18.07 | 19 | 1.239 | 0.012        | 22.3 |
| Top side                                                               | 15 | QPSK | 26775/822.5 | 1:1 | 0.0862  | 0.05  | 18.07 | 19 | 1.239 | 0.107        | 22.3 |
| Back side                                                              | 15 | QPSK | 26865/831.5 | 1:1 | 0.112   | 0.06  | 17.96 | 19 | 1.271 | 0.142        | 22.3 |
| Back side                                                              | 15 | QPSK | 26965/841.5 | 1:1 | 0.11    | 0.06  | 17.99 | 19 | 1.262 | 0.139        | 22.3 |

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| Hotspot activated for 5G WIFI Test data (Separate 10mm 50%RB_0 offset) |     |           |                |            |               |                 |                      |                    |               |                  |              |
|------------------------------------------------------------------------|-----|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|--------------|
| Front side                                                             | 15  | QPSK      | 26775/822.5    | 1:1        | 0.112         | 0.14            | 18.1                 | 19                 | 1.230         | 0.138            | 22.3         |
| Back side                                                              | 15  | QPSK      | 26775/822.5    | 1:1        | 0.115         | 0.05            | 18.1                 | 19                 | 1.230         | 0.141            | 22.3         |
| Left side                                                              | 15  | QPSK      | 26775/822.5    | 1:1        | 0.0498        | 0.1             | 18.1                 | 19                 | 1.230         | 0.061            | 22.3         |
| Right side                                                             | 15  | QPSK      | 26775/822.5    | 1:1        | 0.00973       | 0.17            | 18.1                 | 19                 | 1.230         | 0.012            | 22.3         |
| Top side                                                               | 15  | QPSK      | 26775/822.5    | 1:1        | 0.0867        | 0.04            | 18.1                 | 19                 | 1.230         | 0.107            | 22.3         |
| Hotspot Test Data at the worst case with SIM2                          |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                                             | 15  | QPSK      | 26865/831.5    | 1:1        | 0.182         | 0.13            | 19.95                | 21                 | 1.274         | 0.232            | 22.3         |
| Hotspot Test Data at the worst case with Battery 2#                    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                                             | 15  | QPSK      | 26865/831.5    | 1:1        | 0.188         | 0.1             | 19.95                | 21                 | 1.274         | 0.239            | 22.3         |
| Hotspot Test Data at the worst case with Battery 3#                    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                                             | 15  | QPSK      | 26865/831.5    | 1:1        | 0.207         | 0.14            | 19.95                | 21                 | 1.274         | 0.264            | 22.3         |
| Ant2 Additional Test data(simultaneous transmission with 5G WIFI+BT)   |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Test position                                                          | BW. | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp. |
| Head Test data(1RB_0 offset)                                           |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                                             | 15  | QPSK      | 26775/822.5    | 1:1        | 0.124         | 0.08            | 13.44                | 14.5               | 1.276         | 0.158            | 22.3         |

Table 28 : SAR of LTE Band 26 for Head and Body.

Note:

- 1) The maximum Scaled SAR value is marked in bold. Graph results refer to Appendix B
- 2) If the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is  $\leq 0.8$  W/kg then testing at the other channels is not required for such test configuration(s).



### 8.3.13 SAR Result Of LTE Band 38

| Ant1 Test data                                        |     |           |                |            |               |                 |                      |                    |               |                  |              |
|-------------------------------------------------------|-----|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|--------------|
| Test position                                         | BW. | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp. |
| Head Test data(1RB_50 offset)                         |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                            | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.0549        | 0.03            | 22.92                | 24                 | 1.282         | 0.070            | 22.3         |
| Left tilted                                           | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.0637        | 0.01            | 22.92                | 24                 | 1.282         | 0.082            | 22.3         |
| Right cheek                                           | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.075         | 0               | 22.92                | 24                 | 1.282         | 0.096            | 22.3         |
| Right tilted                                          | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.0603        | 0.06            | 22.92                | 24                 | 1.282         | 0.077            | 22.3         |
| Right cheek                                           | 20  | QPSK      | 37850/2580     | 1:1.58     | 0.0402        | 0.01            | 22.66                | 24                 | 1.361         | 0.055            | 22.3         |
| Right cheek                                           | 20  | QPSK      | 38000/2595     | 1:1.58     | 0.0589        | -0.03           | 22.77                | 24                 | 1.327         | 0.078            | 22.3         |
| Head Test data(50%RB_50 offset)                       |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                            | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.0383        | 0.00            | 22.24                | 23                 | 1.191         | 0.046            | 22.3         |
| Left tilted                                           | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.0484        | 0.01            | 22.24                | 23                 | 1.191         | 0.058            | 22.3         |
| Right cheek                                           | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.0574        | 0.05            | 22.24                | 23                 | 1.191         | 0.068            | 22.3         |
| Right tilted                                          | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.0456        | 0.05            | 22.24                | 23                 | 1.191         | 0.054            | 22.3         |
| Head Test Data at the worst case with SIM2            |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right cheek                                           | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.0894        | 0.05            | 22.92                | 24                 | 1.282         | <b>0.115</b>     | 22.3         |
| Head Test Data at the worst case with Battery 2#      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right cheek                                           | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.0732        | 0.06            | 22.92                | 24                 | 1.282         | 0.094            | 22.3         |
| Head Test Data at the worst case with Battery 3#      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right cheek                                           | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.0826        | 0.06            | 22.92                | 24                 | 1.282         | 0.106            | 22.3         |
| Body worn Test data(Separate 15mm 1RB_50 offset)      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                            | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.28          | -0.08           | 22.92                | 24                 | 1.282         | 0.359            | 22.3         |
| Back side                                             | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.293         | -0.03           | 22.92                | 24                 | 1.282         | <b>0.376</b>     | 22.3         |
| Back side                                             | 20  | QPSK      | 37850/2580     | 1:1.58     | 0.26          | -0.06           | 22.66                | 24                 | 1.361         | 0.354            | 22.3         |
| Back side                                             | 20  | QPSK      | 38000/2595     | 1:1.58     | 0.269         | 0.1             | 22.77                | 24                 | 1.327         | 0.357            | 22.3         |
| Body worn Test data (Separate 15mm 50%RB_50 offset)   |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                            | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.223         | 0.07            | 22.24                | 23                 | 1.191         | 0.266            | 22.3         |
| Back side                                             | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.236         | 0.03            | 22.24                | 23                 | 1.191         | 0.281            | 22.3         |
| Body worn Test Data at the worst case with SIM2       |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Back side                                             | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.28          | -0.03           | 22.92                | 24                 | 1.282         | 0.359            | 22.3         |
| Body worn Test Data at the worst case with Battery 2# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Back side                                             | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.287         | -0.03           | 22.92                | 24                 | 1.282         | 0.368            | 22.3         |
| Body worn Test Data at the worst case with Battery 3# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Back side                                             | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.268         | -0.03           | 22.92                | 24                 | 1.282         | 0.344            | 22.3         |

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| Hotspot Test data(Separate 10mm 1RB_99 offset)      |     |           |                |            |               |                 |                      |                    |               |                  |              |
|-----------------------------------------------------|-----|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|--------------|
| Front side                                          | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.31          | -0.17           | 21.38                | 22                 | 1.153         | 0.358            | 22.3         |
| Back side                                           | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.329         | 0.05            | 21.38                | 22                 | 1.153         | 0.379            | 22.3         |
| Left side                                           | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.133         | 0.05            | 21.38                | 22                 | 1.153         | 0.153            | 22.3         |
| Right side                                          | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.227         | 0.1             | 21.38                | 22                 | 1.153         | 0.262            | 22.3         |
| Bottom side                                         | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.584         | 0.02            | 21.38                | 22                 | 1.153         | 0.674            | 22.3         |
| Bottom side                                         | 20  | QPSK      | 37850/2580     | 1:1.58     | 0.535         | 0.1             | 21.28                | 22                 | 1.180         | 0.631            | 22.3         |
| Bottom side                                         | 20  | QPSK      | 38000/2595     | 1:1.58     | 0.584         | 0.06            | 21.26                | 22                 | 1.186         | 0.692            | 22.3         |
| Hotspot Test data (Separate 10mm 50%RB_50 offset)   |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                          | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.301         | 0.05            | 21.32                | 22                 | 1.169         | 0.352            | 22.3         |
| Back side                                           | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.319         | 0.08            | 21.32                | 22                 | 1.169         | 0.373            | 22.3         |
| Left side                                           | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.126         | 0.1             | 21.32                | 22                 | 1.169         | 0.147            | 22.3         |
| Right side                                          | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.223         | 0.19            | 21.32                | 22                 | 1.169         | 0.261            | 22.3         |
| Bottom side                                         | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.562         | 0.03            | 21.32                | 22                 | 1.169         | 0.657            | 22.3         |
| Hotspot Test Data at the worst case with SIM2       |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Bottom side                                         | 20  | QPSK      | 38000/2595     | 1:1.58     | 0.57          | 0.16            | 21.26                | 22                 | 1.186         | 0.676            | 22.3         |
| Hotspot Test Data at the worst case with Battery 2# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Bottom side                                         | 20  | QPSK      | 38000/2595     | 1:1.58     | 0.607         | 0.16            | 21.26                | 22                 | 1.186         | 0.72             | 22.3         |
| Hotspot Test Data at the worst case with Battery 3# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Bottom side                                         | 20  | QPSK      | 38000/2595     | 1:1.58     | 0.585         | 0.16            | 21.26                | 22                 | 1.186         | 0.694            | 22.3         |
| Ant2 Test data                                      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Test position                                       | BW. | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp. |
| Head Test data(1RB_99 offset)                       |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                          | 20  | QPSK      | 38000/2595     | 1:1.58     | 0.419         | 0.09            | 16.99                | 17.5               | 1.125         | 0.471            | 22.3         |
| Left tilted                                         | 20  | QPSK      | 38000/2595     | 1:1.58     | 0.526         | 0.05            | 16.99                | 17.5               | 1.125         | 0.592            | 22.3         |
| Right cheek                                         | 20  | QPSK      | 38000/2595     | 1:1.58     | 0.596         | 0.16            | 16.15                | 16.5               | 1.084         | 0.646            | 22.3         |
| Right tilted                                        | 20  | QPSK      | 38000/2595     | 1:1.58     | 0.653         | 0.06            | 16.15                | 16.5               | 1.084         | 0.708            | 22.3         |
| Right tilted                                        | 20  | QPSK      | 37850/2580     | 1:1.58     | 0.659         | 0.17            | 16.92                | 17.5               | 1.143         | 0.753            | 22.3         |
| Right tilted                                        | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.68          | 0.05            | 16.98                | 17.5               | 1.127         | 0.766            | 22.3         |
| Head Test data(50%RB_50 offset)                     |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                          | 20  | QPSK      | 38000/2595     | 1:1.58     | 0.422         | 0.02            | 16.93                | 17.5               | 1.140         | 0.481            | 22.3         |
| Left tilted                                         | 20  | QPSK      | 38000/2595     | 1:1.58     | 0.525         | 0.09            | 16.93                | 17.5               | 1.140         | 0.599            | 22.3         |
| Right cheek                                         | 20  | QPSK      | 38000/2595     | 1:1.58     | 0.583         | -0.01           | 16.14                | 16.5               | 1.086         | 0.633            | 22.3         |
| Right tilted                                        | 20  | QPSK      | 38000/2595     | 1:1.58     | 0.652         | 0.12            | 16.14                | 16.5               | 1.086         | 0.708            | 22.3         |
| Head Test Data at the worst case with SIM2          |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right tilted                                        | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.652         | 0.16            | 16.98                | 17.5               | 1.127         | 0.735            | 22.3         |
| Head Test Data at the worst case with Battery 2#    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right tilted                                        | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.728         | 0.01            | 16.98                | 17.5               | 1.127         | 0.821            | 22.3         |
| Head Test Data at the worst case with Battery 3#    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right tilted                                        | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.534         | -0.04           | 16.98                | 17.5               | 1.127         | 0.602            | 22.3         |

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| Body worn Test data(Separate 15mm 1RB_99offset)                        |    |      |            |        |         |       |       |      |       |              |      |
|------------------------------------------------------------------------|----|------|------------|--------|---------|-------|-------|------|-------|--------------|------|
| Front side                                                             | 20 | QPSK | 38150/2610 | 1:1.58 | 0.111   | -0.07 | 19.2  | 19.5 | 1.072 | 0.119        | 22.3 |
| Back side                                                              | 20 | QPSK | 38150/2610 | 1:1.58 | 0.133   | -0.16 | 19.2  | 19.5 | 1.072 | 0.143        | 22.3 |
| Body worn Test data (Separate 15mm 50%RB_50 offset)                    |    |      |            |        |         |       |       |      |       |              |      |
| Front side                                                             | 20 | QPSK | 38150/2610 | 1:1.58 | 0.111   | -0.09 | 19.14 | 19.5 | 1.086 | 0.121        | 22.3 |
| Back side                                                              | 20 | QPSK | 38150/2610 | 1:1.58 | 0.136   | -0.13 | 19.14 | 19.5 | 1.086 | 0.148        | 22.3 |
| Back side                                                              | 20 | QPSK | 37850/2580 | 1:1.58 | 0.132   | 0.13  | 19.02 | 19.5 | 1.117 | 0.147        | 22.3 |
| Back side                                                              | 20 | QPSK | 38000/2595 | 1:1.58 | 0.133   | -0.15 | 18.96 | 19.5 | 1.132 | 0.151        | 22.3 |
| Body worn Test Data at the worst case with SIM2                        |    |      |            |        |         |       |       |      |       |              |      |
| Back side                                                              | 20 | QPSK | 38000/2595 | 1:1.58 | 0.133   | -0.11 | 18.96 | 19.5 | 1.132 | 0.151        | 22.3 |
| Body worn Test Data at the worst case with Battery 2#                  |    |      |            |        |         |       |       |      |       |              |      |
| Back side                                                              | 20 | QPSK | 38000/2595 | 1:1.58 | 0.142   | 0.07  | 18.96 | 19.5 | 1.132 | <b>0.161</b> | 22.3 |
| Body worn Test Data at the worst case with Battery 3#                  |    |      |            |        |         |       |       |      |       |              |      |
| Back side                                                              | 20 | QPSK | 38000/2595 | 1:1.58 | 0.106   | -0.06 | 18.96 | 19.5 | 1.132 | 0.120        | 22.3 |
| Hotspot actived for 2.4G WIFI Test data(Separate 10mm 1RB_99 offset)   |    |      |            |        |         |       |       |      |       |              |      |
| Front side                                                             | 20 | QPSK | 38150/2610 | 1:1.58 | 0.0839  | -0.06 | 16.29 | 16.5 | 1.050 | 0.088        | 22.3 |
| Back side                                                              | 20 | QPSK | 38150/2610 | 1:1.58 | 0.115   | -0.01 | 16.29 | 16.5 | 1.050 | 0.121        | 22.3 |
| Left side                                                              | 20 | QPSK | 38150/2610 | 1:1.58 | 0.062   | -0.16 | 16.29 | 16.5 | 1.050 | 0.065        | 22.3 |
| Right side                                                             | 20 | QPSK | 38150/2610 | 1:1.58 | 0.00718 | 0.15  | 16.29 | 16.5 | 1.050 | 0.008        | 22.3 |
| Top side                                                               | 20 | QPSK | 38150/2610 | 1:1.58 | 0.3     | 0.07  | 16.29 | 16.5 | 1.050 | 0.315        | 22.3 |
| Hotspot actived for 2.4G WIFI Test data(Separate 10mm 50%RB_50 offset) |    |      |            |        |         |       |       |      |       |              |      |
| Front side                                                             | 20 | QPSK | 38150/2610 | 1:1.58 | 0.0836  | -0.04 | 16.13 | 16.5 | 1.089 | 0.091        | 22.3 |
| Back side                                                              | 20 | QPSK | 38150/2610 | 1:1.58 | 0.114   | 0.03  | 16.13 | 16.5 | 1.089 | 0.124        | 22.3 |
| Left side                                                              | 20 | QPSK | 38150/2610 | 1:1.58 | 0.0645  | 0.06  | 16.13 | 16.5 | 1.089 | 0.070        | 22.3 |
| Right side                                                             | 20 | QPSK | 38150/2610 | 1:1.58 | 0.012   | 0.18  | 16.13 | 16.5 | 1.089 | 0.013        | 22.3 |
| Top side                                                               | 20 | QPSK | 38150/2610 | 1:1.58 | 0.299   | 0.06  | 16.13 | 16.5 | 1.089 | 0.326        | 22.3 |
| Top side                                                               | 20 | QPSK | 37850/2580 | 1:1.58 | 0.256   | 0.09  | 15.95 | 16.5 | 1.135 | 0.291        | 22.3 |
| Top side                                                               | 20 | QPSK | 38000/2595 | 1:1.58 | 0.279   | 0.04  | 15.97 | 16.5 | 1.130 | 0.315        | 22.3 |
| Hotspot actived for 5G WIFI Test data(Separate 10mm 1RB_99 offset)     |    |      |            |        |         |       |       |      |       |              |      |
| Front side                                                             | 20 | QPSK | 38150/2610 | 1:1.58 | 0.0533  | 0.04  | 14.19 | 14.5 | 1.074 | 0.057        | 22.3 |
| Back side                                                              | 20 | QPSK | 38150/2610 | 1:1.58 | 0.0749  | 0.04  | 14.19 | 14.5 | 1.074 | 0.080        | 22.3 |
| Left side                                                              | 20 | QPSK | 38150/2610 | 1:1.58 | 0.0418  | -0.17 | 14.19 | 14.5 | 1.074 | 0.045        | 22.3 |
| Right side                                                             | 20 | QPSK | 38150/2610 | 1:1.58 | 0.00492 | -0.09 | 14.19 | 14.5 | 1.074 | 0.005        | 22.3 |
| Top side                                                               | 20 | QPSK | 38150/2610 | 1:1.58 | 0.185   | 0.09  | 14.19 | 14.5 | 1.074 | 0.199        | 22.3 |
| Hotspot actived for 5G WIFI Test data(Separate 10mm 50%RB_50 offset)   |    |      |            |        |         |       |       |      |       |              |      |
| Front side                                                             | 20 | QPSK | 38150/2610 | 1:1.58 | 0.0544  | -0.01 | 14.12 | 14.5 | 1.091 | 0.059        | 22.3 |
| Back side                                                              | 20 | QPSK | 38150/2610 | 1:1.58 | 0.0755  | -0.04 | 14.12 | 14.5 | 1.091 | 0.082        | 22.3 |
| Left side                                                              | 20 | QPSK | 38150/2610 | 1:1.58 | 0.0248  | -0.08 | 14.12 | 14.5 | 1.091 | 0.027        | 22.3 |
| Right side                                                             | 20 | QPSK | 38150/2610 | 1:1.58 | 0.00417 | -0.08 | 14.12 | 14.5 | 1.091 | 0.005        | 22.3 |
| Top side                                                               | 20 | QPSK | 38150/2610 | 1:1.58 | 0.184   | 0.01  | 14.12 | 14.5 | 1.091 | 0.201        | 22.3 |
| Top side                                                               | 20 | QPSK | 37850/2580 | 1:1.58 | 0.16    | 0.03  | 13.9  | 14.5 | 1.148 | 0.184        | 22.3 |
| Top side                                                               | 20 | QPSK | 38000/2595 | 1:1.58 | 0.173   | 0.19  | 13.95 | 14.5 | 1.135 | 0.196        | 22.3 |

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| Hotspot Test Data at the worst case with SIM2                        |     |           |                |            |               |                 |                      |                    |               |                  |              |
|----------------------------------------------------------------------|-----|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|--------------|
| Top side                                                             | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.326         | 0.06            | 16.13                | 16.5               | 1.089         | 0.355            | 22.3         |
| Hotspot Test Data at the worst case with Battery 2#                  |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Top side                                                             | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.344         | 0.06            | 16.13                | 16.5               | 1.089         | <b>0.375</b>     | 22.3         |
| Hotspot Test Data at the worst case with Battery 3#                  |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Top side                                                             | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.271         | 0.16            | 16.13                | 16.5               | 1.089         | 0.295            | 22.3         |
| Ant2 Additional Test data(simultaneous transmission with 5G WIFI+BT) |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Test position                                                        | BW. | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp. |
| Head Test data(1RB_99 offset)                                        |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right tilted                                                         | 20  | QPSK      | 38150/2610     | 1:1.58     | 0.199         | 0.1             | 10.80                | 11.5               | 1.175         | <b>0.234</b>     | 22.3         |

Table 29 : SAR of LTE Band 38 for Head and Body.

Note:

- 1) The maximum Scaled SAR value is marked in bold. Graph results refer to Appendix B
- 2) If the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is  $\leq 0.8$  W/kg then testing at the other channels is not required for such test configuration(s).

**8.3.14 SAR Result Of LTE Band 40**

| Ant1 Test data                                        |     |           |                |            |               |                 |                      |                    |               |                  |              |
|-------------------------------------------------------|-----|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|--------------|
| Test position                                         | BW. | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp. |
| Head Test data(1RB_0 offset)                          |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                            | 20  | QPSK      | 39150/2350     | 1:1.58     | 0.0745        | 0.07            | 23.28                | 24                 | 1.180         | 0.088            | 22.3         |
| Left tilted                                           | 20  | QPSK      | 39150/2350     | 1:1.58     | 0.0572        | 0.02            | 23.28                | 24                 | 1.180         | 0.068            | 22.3         |
| Right cheek                                           | 20  | QPSK      | 39150/2350     | 1:1.58     | 0.113         | 0.07            | 23.28                | 24                 | 1.180         | 0.133            | 22.3         |
| Right tilted                                          | 20  | QPSK      | 39150/2350     | 1:1.58     | 0.0727        | 0.05            | 23.28                | 24                 | 1.180         | 0.086            | 22.3         |
| Right cheek                                           | 20  | QPSK      | 38750/2310     | 1:1.58     | 0.122         | 0.03            | 23.24                | 24                 | 1.191         | <b>0.145</b>     | 22.3         |
| Right cheek                                           | 20  | QPSK      | 39550/2390     | 1:1.58     | 0.0975        | 0.06            | 23.21                | 24                 | 1.199         | 0.117            | 22.3         |
| Head Test data(50%RB_0 offset)                        |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                            | 20  | QPSK      | 39550/2390     | 1:1.58     | 0.0295        | 0.07            | 22.21                | 23                 | 1.199         | 0.035            | 22.3         |
| Left tilted                                           | 20  | QPSK      | 39550/2390     | 1:1.58     | 0.0221        | 0.04            | 22.21                | 23                 | 1.199         | 0.027            | 22.3         |
| Right cheek                                           | 20  | QPSK      | 39550/2390     | 1:1.58     | 0.0752        | 0.05            | 22.21                | 23                 | 1.199         | 0.090            | 22.3         |
| Right tilted                                          | 20  | QPSK      | 39550/2390     | 1:1.58     | 0.0456        | 0.09            | 22.21                | 23                 | 1.199         | 0.055            | 22.3         |
| Head Test Data at the worst case with SIM2            |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right cheek                                           | 20  | QPSK      | 38750/2310     | 1:1.58     | 0.0961        | -0.01           | 23.24                | 24                 | 1.191         | 0.114            | 22.3         |
| Head Test Data at the worst case with Battery 2#      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right cheek                                           | 20  | QPSK      | 38750/2310     | 1:1.58     | 0.0822        | 0.11            | 23.24                | 24                 | 1.191         | 0.098            | 22.3         |
| Head Test Data at the worst case with Battery 3#      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right cheek                                           | 20  | QPSK      | 38750/2310     | 1:1.58     | 0.078         | 0.04            | 23.24                | 24                 | 1.191         | 0.093            | 22.3         |
| Body worn Test data(Separate 15mm 1RB_0 offset)       |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                            | 20  | QPSK      | 39150/2350     | 1:1.58     | 0.385         | -0.08           | 23.28                | 24                 | 1.180         | 0.454            | 22.3         |
| Back side                                             | 20  | QPSK      | 39150/2350     | 1:1.58     | 0.493         | 0.03            | 23.28                | 24                 | 1.180         | 0.582            | 22.3         |
| Back side                                             | 20  | QPSK      | 38750/2310     | 1:1.58     | 0.491         | 0.03            | 23.24                | 24                 | 1.191         | <b>0.585</b>     | 22.3         |
| Back side                                             | 20  | QPSK      | 39550/2390     | 1:1.58     | 0.408         | 0.04            | 23.21                | 24                 | 1.199         | 0.489            | 22.3         |
| Body worn Test data (Separate 15mm 50%RB_0 offset)    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                            | 20  | QPSK      | 39550/2390     | 1:1.58     | 0.244         | 0.15            | 22.21                | 23                 | 1.199         | 0.293            | 22.3         |
| Back side                                             | 20  | QPSK      | 39550/2390     | 1:1.58     | 0.308         | 0.08            | 22.21                | 23                 | 1.199         | 0.369            | 22.3         |
| Body worn Test Data at the worst case with SIM2       |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Back side                                             | 20  | QPSK      | 38750/2310     | 1:1.58     | 0.413         | -0.06           | 23.24                | 24                 | 1.191         | 0.492            | 22.3         |
| Body worn Test Data at the worst case with Battery 2# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Back side                                             | 20  | QPSK      | 38750/2310     | 1:1.58     | 0.42          | 0.08            | 23.24                | 24                 | 1.191         | 0.500            | 22.3         |
| Body worn Test Data at the worst case with Battery 3# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Back side                                             | 20  | QPSK      | 38750/2310     | 1:1.58     | 0.41          | 0.06            | 23.24                | 24                 | 1.191         | 0.488            | 22.3         |
| Hotspot Test data(Separate 10mm 1RB_0 offset)         |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                            | 20  | QPSK      | 38750/2310     | 1:1.58     | 0.259         | 0.14            | 18.39                | 19                 | 1.151         | 0.298            | 22.3         |
| Back side                                             | 20  | QPSK      | 38750/2310     | 1:1.58     | 0.303         | 0.14            | 18.39                | 19                 | 1.151         | 0.349            | 22.3         |
| Left side                                             | 20  | QPSK      | 38750/2310     | 1:1.58     | 0.0486        | 0.08            | 18.39                | 19                 | 1.151         | 0.056            | 22.3         |
| Right side                                            | 20  | QPSK      | 38750/2310     | 1:1.58     | 0.0358        | 0.13            | 18.39                | 19                 | 1.151         | 0.041            | 22.3         |
| Bottom side                                           | 20  | QPSK      | 38750/2310     | 1:1.58     | 0.611         | 0.03            | 18.39                | 19                 | 1.151         | 0.703            | 22.3         |
| Bottom side                                           | 20  | QPSK      | 39150/2350     | 1:1.58     | 0.691         | 0.02            | 18.36                | 19                 | 1.159         | 0.801            | 22.3         |
| Bottom side                                           | 20  | QPSK      | 39550/2390     | 1:1.58     | 0.648         | 0.02            | 18.33                | 19                 | 1.167         | 0.756            | 22.3         |

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| Hotspot Test data (Separate 10mm 50%RB_0 offset)    |     |           |                |            |               |                 |                      |                    |               |                  |              |
|-----------------------------------------------------|-----|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|--------------|
| Front side                                          | 20  | QPSK      | 38750/2310     | 1:1.58     | 0.252         | 0.12            | 18.26                | 19                 | 1.186         | 0.299            | 22.3         |
| Back side                                           | 20  | QPSK      | 38750/2310     | 1:1.58     | 0.297         | 0.03            | 18.26                | 19                 | 1.186         | 0.352            | 22.3         |
| Left side                                           | 20  | QPSK      | 38750/2310     | 1:1.58     | 0.0468        | -0.12           | 18.26                | 19                 | 1.186         | 0.055            | 22.3         |
| Right side                                          | 20  | QPSK      | 38750/2310     | 1:1.58     | 0.0347        | 0.05            | 18.26                | 19                 | 1.186         | 0.041            | 22.3         |
| Bottom side                                         | 20  | QPSK      | 38750/2310     | 1:1.58     | 0.605         | 0.01            | 18.26                | 19                 | 1.186         | 0.717            | 22.3         |
| Hotspot Test Data (Separate 10mm 100%RB_0 offset)   |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Bottom side                                         | 20  | QPSK      | 39150/2350     | 1:1.58     | 0.681         | 0.01            | 18.26                | 19                 | 1.186         | 0.808            | 22.3         |
| Hotspot Test Data at the worst case with SIM2       |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Bottom side                                         | 20  | QPSK      | 39150/2350     | 1:1.58     | 0.601         | 0.07            | 18.26                | 19                 | 1.186         | 0.713            | 22.3         |
| Hotspot Test Data at the worst case with Battery 2# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Bottom side                                         | 20  | QPSK      | 39150/2350     | 1:1.58     | 0.602         | 0.03            | 18.26                | 19                 | 1.186         | 0.714            | 22.3         |
| Hotspot Test Data at the worst case with Battery 3# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Bottom side                                         | 20  | QPSK      | 39150/2350     | 1:1.58     | 0.558         | 0.06            | 18.26                | 19                 | 1.186         | 0.662            | 22.3         |
| Ant2 Test data                                      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Test position                                       | BW. | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp. |
| Head Test data(1RB_0 offset)                        |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                          | 20  | QPSK      | 39150/2350     | 1:1.58     | 0.386         | 0.16            | 19.1                 | 19.5               | 1.096         | 0.423            | 22.3         |
| Left tilted                                         | 20  | QPSK      | 39150/2350     | 1:1.58     | 0.408         | 0.02            | 19.1                 | 19.5               | 1.096         | 0.447            | 22.3         |
| Right cheek                                         | 20  | QPSK      | 39150/2350     | 1:1.58     | 0.476         | 0.04            | 18.7                 | 19                 | 1.072         | 0.510            | 22.3         |
| Right tilted                                        | 20  | QPSK      | 39150/2350     | 1:1.58     | 0.718         | 0.06            | 18.7                 | 19                 | 1.072         | 0.769            | 22.3         |
| Right tilted                                        | 20  | QPSK      | 38750/2310     | 1:1.58     | 0.666         | 0.03            | 18.68                | 19                 | 1.076         | 0.717            | 22.3         |
| Right tilted                                        | 20  | QPSK      | 39550/2390     | 1:1.58     | 0.786         | 0.08            | 18.5                 | 19                 | 1.122         | 0.882            | 22.3         |
| Head Test data(50%RB_0 offset)                      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                          | 20  | QPSK      | 38750/2310     | 1:1.58     | 0.299         | 0.06            | 18.89                | 19.5               | 1.151         | 0.344            | 22.3         |
| Left tilted                                         | 20  | QPSK      | 38750/2310     | 1:1.58     | 0.409         | 0.08            | 18.89                | 19.5               | 1.151         | 0.471            | 22.3         |
| Right cheek                                         | 20  | QPSK      | 38750/2310     | 1:1.58     | 0.421         | 0.1             | 18.59                | 19                 | 1.099         | 0.463            | 22.3         |
| Right tilted                                        | 20  | QPSK      | 38750/2310     | 1:1.58     | 0.644         | 0.07            | 18.59                | 19                 | 1.099         | 0.708            | 22.3         |
| Head Test data(100%RB)                              |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right tilted                                        | 20  | QPSK      | 39550/2390     | 1:1.58     | 0.806         | 0.01            | 18.48                | 19                 | 1.127         | 0.909            | 22.3         |
| Right tilted-Repeated                               | 20  | QPSK      | 39550/2390     | 1:1.58     | 0.791         | 0.07            | 18.48                | 19                 | 1.127         | 0.892            | 22.3         |
| Head Test Data at the worst case with SIM2          |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right tilted                                        | 20  | QPSK      | 39550/2390     | 1:1.58     | 0.786         | 0.05            | 18.48                | 19                 | 1.127         | 0.886            | 22.3         |
| Head Test Data at the worst case with Battery 2#    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right tilted                                        | 20  | QPSK      | 39550/2390     | 1:1.58     | 0.738         | -0.04           | 18.48                | 19                 | 1.127         | 0.832            | 22.3         |
| Head Test Data at the worst case with Battery 3#    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right tilted                                        | 20  | QPSK      | 39550/2390     | 1:1.58     | 0.329         | 0.02            | 18.48                | 19                 | 1.127         | 0.371            | 22.3         |
| Body worn Test data(Separate 15mm 1RB_0offset)      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                          | 20  | QPSK      | 39150/2350     | 1:1.58     | 0.114         | -0.08           | 21.79                | 22                 | 1.050         | 0.120            | 22.3         |
| Back side                                           | 20  | QPSK      | 39150/2350     | 1:1.58     | 0.167         | -0.1            | 21.79                | 22                 | 1.050         | 0.175            | 22.3         |

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| Body worn Test data (Separate 15mm 50%RB_0 offset)                      |    |      |            |        |          |       |       |    |       |              |      |
|-------------------------------------------------------------------------|----|------|------------|--------|----------|-------|-------|----|-------|--------------|------|
| Front side                                                              | 20 | QPSK | 39150/2350 | 1:1.58 | 0.114    | 0.13  | 21.55 | 22 | 1.109 | 0.126        | 22.3 |
| Back side                                                               | 20 | QPSK | 39150/2350 | 1:1.58 | 0.166    | 0.01  | 21.55 | 22 | 1.109 | 0.184        | 22.3 |
| Back side                                                               | 20 | QPSK | 38750/2310 | 1:1.58 | 0.145    | 0.08  | 21.54 | 22 | 1.112 | 0.161        | 22.3 |
| Back side                                                               | 20 | QPSK | 39550/2390 | 1:1.58 | 0.155    | -0.05 | 21.44 | 22 | 1.138 | 0.176        | 22.3 |
| Body worn Test Data at the worst case with SIM2                         |    |      |            |        |          |       |       |    |       |              |      |
| Back side                                                               | 20 | QPSK | 39150/2350 | 1:1.58 | 0.169    | -0.08 | 21.55 | 22 | 1.109 | <b>0.187</b> | 22.3 |
| Body worn Test Data at the worst case with Battery 2#                   |    |      |            |        |          |       |       |    |       |              |      |
| Back side                                                               | 20 | QPSK | 39150/2350 | 1:1.58 | 0.136    | -0.15 | 21.55 | 22 | 1.109 | 0.151        | 22.3 |
| Body worn Test Data at the worst case with Battery 3#                   |    |      |            |        |          |       |       |    |       |              |      |
| Back side                                                               | 20 | QPSK | 39150/2350 | 1:1.58 | 0.084    | -0.03 | 21.55 | 22 | 1.109 | 0.093        | 22.3 |
| Hotspot activated for 2.4G WIFI Test data(Separate 10mm 1RB_0 offset)   |    |      |            |        |          |       |       |    |       |              |      |
| Front side                                                              | 20 | QPSK | 38750/2310 | 1:1.58 | 0.0381   | -0.01 | 18.68 | 19 | 1.076 | 0.041        | 22.3 |
| Back side                                                               | 20 | QPSK | 38750/2310 | 1:1.58 | 0.0571   | 0.08  | 18.68 | 19 | 1.076 | 0.061        | 22.3 |
| Left side                                                               | 20 | QPSK | 38750/2310 | 1:1.58 | 0.0245   | 0.01  | 18.68 | 19 | 1.076 | 0.026        | 22.3 |
| Right side                                                              | 20 | QPSK | 38750/2310 | 1:1.58 | 0.00457  | -0.05 | 18.68 | 19 | 1.076 | 0.005        | 22.3 |
| Top side                                                                | 20 | QPSK | 38750/2310 | 1:1.58 | 0.158    | 0.03  | 18.68 | 19 | 1.076 | 0.170        | 22.3 |
| Hotspot activated for 2.4G WIFI Test data(Separate 10mm 50%RB_0 offset) |    |      |            |        |          |       |       |    |       |              |      |
| Front side                                                              | 20 | QPSK | 38750/2310 | 1:1.58 | 0.038    | 0.13  | 18.54 | 19 | 1.112 | 0.042        | 22.3 |
| Back side                                                               | 20 | QPSK | 38750/2310 | 1:1.58 | 0.0568   | -0.07 | 18.54 | 19 | 1.112 | 0.063        | 22.3 |
| Left side                                                               | 20 | QPSK | 38750/2310 | 1:1.58 | 0.0257   | 0.2   | 18.54 | 19 | 1.112 | 0.029        | 22.3 |
| Right side                                                              | 20 | QPSK | 38750/2310 | 1:1.58 | 2.78E-05 | -0.09 | 18.54 | 19 | 1.112 | 0.000        | 22.3 |
| Top side                                                                | 20 | QPSK | 38750/2310 | 1:1.58 | 0.164    | 0.04  | 18.54 | 19 | 1.112 | 0.182        | 22.3 |
| Top side                                                                | 20 | QPSK | 39150/2350 | 1:1.58 | 0.135    | 0.04  | 18.48 | 19 | 1.127 | 0.152        | 22.3 |
| Top side                                                                | 20 | QPSK | 39550/2390 | 1:1.58 | 0.124    | 0.19  | 18.49 | 19 | 1.125 | 0.139        | 22.3 |
| Hotspot activated for 5G WIFI Test data(Separate 10mm 1RB_0 offset)     |    |      |            |        |          |       |       |    |       |              |      |
| Front side                                                              | 20 | QPSK | 38750/2310 | 1:1.58 | 0.0206   | 0.09  | 16.65 | 17 | 1.084 | 0.022        | 22.3 |
| Back side                                                               | 20 | QPSK | 38750/2310 | 1:1.58 | 0.0343   | -0.01 | 16.65 | 17 | 1.084 | 0.037        | 22.3 |
| Left side                                                               | 20 | QPSK | 38750/2310 | 1:1.58 | 0.0288   | 0.03  | 16.65 | 17 | 1.084 | 0.031        | 22.3 |
| Right side                                                              | 20 | QPSK | 38750/2310 | 1:1.58 | 0.00439  | 0.04  | 16.65 | 17 | 1.084 | 0.005        | 22.3 |
| Top side                                                                | 20 | QPSK | 38750/2310 | 1:1.58 | 0.0953   | 0.13  | 16.65 | 17 | 1.084 | 0.103        | 22.3 |
| Hotspot activated for 5G WIFI Test data(Separate 10mm 50%RB_0 offset)   |    |      |            |        |          |       |       |    |       |              |      |
| Front side                                                              | 20 | QPSK | 38750/2310 | 1:1.58 | 0.021    | 0.06  | 16.56 | 17 | 1.107 | 0.023        | 22.3 |
| Back side                                                               | 20 | QPSK | 38750/2310 | 1:1.58 | 0.0334   | 0.06  | 16.56 | 17 | 1.107 | 0.037        | 22.3 |
| Left side                                                               | 20 | QPSK | 38750/2310 | 1:1.58 | 0.0295   | 0.02  | 16.56 | 17 | 1.107 | 0.033        | 22.3 |
| Right side                                                              | 20 | QPSK | 38750/2310 | 1:1.58 | 0.00107  | -0.08 | 16.56 | 17 | 1.107 | 0.001        | 22.3 |
| Top side                                                                | 20 | QPSK | 38750/2310 | 1:1.58 | 0.0985   | 0.11  | 16.56 | 17 | 1.107 | 0.109        | 22.3 |
| Top side                                                                | 20 | QPSK | 39150/2350 | 1:1.58 | 0.0788   | 0.06  | 16.48 | 17 | 1.127 | 0.089        | 22.3 |
| Top side                                                                | 20 | QPSK | 39550/2390 | 1:1.58 | 0.0729   | 0.06  | 16.43 | 17 | 1.140 | 0.083        | 22.3 |
| Hotspot Test Data at the worst case with SIM2                           |    |      |            |        |          |       |       |    |       |              |      |
| Top side                                                                | 20 | QPSK | 38750/2310 | 1:1.58 | 0.182    | 0.19  | 18.54 | 19 | 1.112 | <b>0.202</b> | 22.3 |
| Hotspot Test Data at the worst case with Battery 2#                     |    |      |            |        |          |       |       |    |       |              |      |
| Top side                                                                | 20 | QPSK | 38750/2310 | 1:1.58 | 0.179    | 0.14  | 18.54 | 19 | 1.112 | 0.199        | 22.3 |
| Hotspot Test Data at the worst case with Battery 3#                     |    |      |            |        |          |       |       |    |       |              |      |
| Top side                                                                | 20 | QPSK | 38750/2310 | 1:1.58 | 0.147    | 0.2   | 18.54 | 19 | 1.112 | 0.163        | 22.3 |

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Ant2 Additional Test data(simultaneous transmission with 5G WIFI+BT)

| Test position                 | BW. | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp. |
|-------------------------------|-----|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|--------------|
| Head Test data(1RB_99 offset) |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right tilted                  | 20  | QPSK      | 39550/2390     | 1:1.58     | 0.246         | -0.01           | 13.38                | 14                 | 1.153         | <b>0.284</b>     | 22.3         |

Table 30 : SAR of LTE Band 40 for Head and Body.

Note:

- 1) The maximum Scaled SAR value is marked in bold. Graph results refer to Appendix B
- 2) If the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is  $\leq 0.8$  W/kg then testing at the other channels is not required for such test configuration(s).

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**8.3.15 SAR Result Of LTE Band 41**

| Ant1 Test data                                        |     |           |                |            |               |                 |                      |                    |               |                  |              |
|-------------------------------------------------------|-----|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|--------------|
| Test position                                         | BW. | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp. |
| Head Test data(1RB_99 offset)                         |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                            | 20  | QPSK      | 40690/2600     | 1:1.58     | 0.053         | 0.1             | 23.41                | 24                 | 1.146         | 0.061            | 22.3         |
| Left tilted                                           | 20  | QPSK      | 40690/2600     | 1:1.58     | 0.0729        | 0.04            | 23.41                | 24                 | 1.146         | 0.084            | 22.3         |
| Right cheek                                           | 20  | QPSK      | 40690/2600     | 1:1.58     | 0.0762        | 0.07            | 23.41                | 24                 | 1.146         | 0.087            | 22.3         |
| Right tilted                                          | 20  | QPSK      | 40690/2600     | 1:1.58     | 0.0679        | -0.08           | 23.41                | 24                 | 1.146         | 0.078            | 22.3         |
| Right cheek                                           | 20  | QPSK      | 40240/2555     | 1:1.58     | 0.0522        | 0.1             | 23.24                | 24                 | 1.191         | 0.062            | 22.3         |
| Right cheek                                           | 20  | QPSK      | 41140/2645     | 1:1.58     | 0.0708        | 0.09            | 23.36                | 24                 | 1.159         | 0.082            | 22.3         |
| Head Test data(50%RB_0 offset)                        |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                            | 20  | QPSK      | 41140/2645     | 1:1.58     | 0.0613        | 0.09            | 22.28                | 23                 | 1.180         | 0.072            | 22.3         |
| Left tilted                                           | 20  | QPSK      | 41140/2645     | 1:1.58     | 0.0542        | 0.01            | 22.28                | 23                 | 1.180         | 0.064            | 22.3         |
| Right cheek                                           | 20  | QPSK      | 41140/2645     | 1:1.58     | 0.0659        | 0.05            | 22.28                | 23                 | 1.180         | 0.078            | 22.3         |
| Right tilted                                          | 20  | QPSK      | 41140/2645     | 1:1.58     | 0.0621        | 0.01            | 22.28                | 23                 | 1.180         | 0.073            | 22.3         |
| Head Test Data at the worst case with SIM2            |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right cheek                                           | 20  | QPSK      | 40690/2600     | 1:1.58     | 0.0604        | 0.05            | 23.41                | 24                 | 1.146         | 0.069            | 22.3         |
| Head Test Data at the worst case with Battery 2#      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right cheek                                           | 20  | QPSK      | 40690/2600     | 1:1.58     | 0.084         | 0.07            | 23.41                | 24                 | 1.146         | 0.096            | 22.3         |
| Head Test Data at the worst case with Battery 3#      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right cheek                                           | 20  | QPSK      | 40690/2600     | 1:1.58     | 0.0935        | 0               | 23.41                | 24                 | 1.146         | <b>0.107</b>     | 22.3         |
| Body worn Test data(Separate 15mm 1RB_99 offset)      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                            | 20  | QPSK      | 40690/2600     | 1:1.58     | 0.233         | 0.05            | 23.41                | 24                 | 1.146         | 0.267            | 22.3         |
| Back side                                             | 20  | QPSK      | 40690/2600     | 1:1.58     | 0.235         | 0.04            | 23.41                | 24                 | 1.146         | 0.269            | 22.3         |
| Back side                                             | 20  | QPSK      | 40240/2555     | 1:1.58     | 0.184         | -0.02           | 23.24                | 24                 | 1.191         | 0.219            | 22.3         |
| Back side                                             | 20  | QPSK      | 41140/2645     | 1:1.58     | 0.26          | 0.135           | 23.36                | 24                 | 1.159         | 0.301            | 22.3         |
| Body worn Test data (Separate 15mm 50%RB_0 offset)    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                            | 20  | QPSK      | 41140/2645     | 1:1.58     | 0.198         | 0.07            | 22.28                | 23                 | 1.180         | 0.234            | 22.3         |
| Back side                                             | 20  | QPSK      | 41140/2645     | 1:1.58     | 0.202         | 0.19            | 22.28                | 23                 | 1.180         | 0.238            | 22.3         |
| Body worn Test Data at the worst case with SIM2       |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Back side                                             | 20  | QPSK      | 41140/2645     | 1:1.58     | 0.265         | 0               | 23.36                | 24                 | 1.159         | 0.307            | 22.3         |
| Body worn Test Data at the worst case with Battery 2# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Back side                                             | 20  | QPSK      | 41140/2645     | 1:1.58     | 0.347         | 0.15            | 23.36                | 24                 | 1.159         | <b>0.402</b>     | 22.3         |
| Body worn Test Data at the worst case with Battery 3# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Back side                                             | 20  | QPSK      | 41140/2645     | 1:1.58     | 0.281         | 0.05            | 23.36                | 24                 | 1.159         | 0.326            | 22.3         |
| Hotspot Test data(Separate 10mm 1RB_0 offset)         |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Front side                                            | 20  | QPSK      | 40690/2600     | 1:1.58     | 0.36          | -0.03           | 21.52                | 22                 | 1.117         | 0.402            | 22.3         |
| Back side                                             | 20  | QPSK      | 40690/2600     | 1:1.58     | 0.44          | 0.06            | 21.52                | 22                 | 1.117         | 0.491            | 22.3         |
| Left side                                             | 20  | QPSK      | 40690/2600     | 1:1.58     | 0.118         | 0.06            | 21.52                | 22                 | 1.117         | 0.132            | 22.3         |
| Right side                                            | 20  | QPSK      | 40690/2600     | 1:1.58     | 0.235         | 0.08            | 21.52                | 22                 | 1.117         | 0.262            | 22.3         |
| Bottom side                                           | 20  | QPSK      | 40690/2600     | 1:1.58     | 0.554         | 0.02            | 21.52                | 22                 | 1.117         | 0.619            | 22.3         |

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| Hotspot Test data (Separate 10mm 50%RB_50 offset)   |     |           |                |            |               |                 |                      |                    |               |                  |              |
|-----------------------------------------------------|-----|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|--------------|
| Front side                                          | 20  | QPSK      | 40690/2600     | 1:1.58     | 0.325         | -0.13           | 21.35                | 22                 | 1.161         | 0.377            | 22.3         |
| Back side                                           | 20  | QPSK      | 40690/2600     | 1:1.58     | 0.416         | 0.04            | 21.35                | 22                 | 1.161         | 0.483            | 22.3         |
| Left side                                           | 20  | QPSK      | 40690/2600     | 1:1.58     | 0.118         | 0.04            | 21.35                | 22                 | 1.161         | 0.137            | 22.3         |
| Right side                                          | 20  | QPSK      | 40690/2600     | 1:1.58     | 0.218         | 0.03            | 21.35                | 22                 | 1.161         | 0.253            | 22.3         |
| Bottom side                                         | 20  | QPSK      | 40690/2600     | 1:1.58     | 0.553         | 0.04            | 21.35                | 22                 | 1.161         | 0.642            | 22.3         |
| Bottom side                                         | 20  | QPSK      | 40240/2555     | 1:1.58     | 0.436         | 0.09            | 21.24                | 22                 | 1.191         | 0.519            | 22.3         |
| Bottom side                                         | 20  | QPSK      | 41140/2645     | 1:1.58     | 0.666         | 0.02            | 21.33                | 22                 | 1.167         | 0.777            | 22.3         |
| Hotspot Test Data at the worst case with SIM2       |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Bottom side                                         | 20  | QPSK      | 41140/2645     | 1:1.58     | 0.655         | 0.09            | 21.33                | 22                 | 1.167         | 0.764            | 22.3         |
| Hotspot Test Data at the worst case with Battery 2# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Bottom side                                         | 20  | QPSK      | 41140/2645     | 1:1.58     | 0.744         | 0.07            | 21.33                | 22                 | 1.167         | 0.868            | 22.3         |
| Hotspot Test Data at the worst case with Battery 3# |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Bottom side                                         | 20  | QPSK      | 41140/2645     | 1:1.58     | 0.66          | 0.14            | 21.33                | 22                 | 1.167         | 0.770            | 22.3         |
| Ant2 Test data                                      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Test position                                       | BW. | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp. |
| Head Test data(1RB_0 offset)                        |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                          | 20  | QPSK      | 40690/2600     | 1:1.58     | 0.398         | 0.05            | 16.68                | 17.5               | 1.208         | 0.481            | 22.3         |
| Left tilted                                         | 20  | QPSK      | 40690/2600     | 1:1.58     | 0.489         | 0.14            | 16.68                | 17.5               | 1.208         | 0.591            | 22.3         |
| Right cheek                                         | 20  | QPSK      | 40690/2600     | 1:1.58     | 0.684         | -0.03           | 16.31                | 17                 | 1.172         | 0.802            | 22.3         |
| Right tilted                                        | 20  | QPSK      | 40690/2600     | 1:1.58     | 0.797         | 0.01            | 16.31                | 17                 | 1.172         | 0.934            | 22.3         |
| Right cheek                                         | 20  | QPSK      | 40240/2555     | 1:1.58     | 0.43          | 0.03            | 16.26                | 17                 | 1.186         | 0.510            | 22.3         |
| Right cheek                                         | 20  | QPSK      | 41140/2645     | 1:1.58     | 0.792         | 0.07            | 16.29                | 17                 | 1.178         | 0.933            | 22.3         |
| Right tilted                                        | 20  | QPSK      | 40240/2555     | 1:1.58     | 0.619         | 0.05            | 16.26                | 17                 | 1.186         | 0.734            | 22.3         |
| Right tilted                                        | 20  | QPSK      | 41140/2645     | 1:1.58     | 0.826         | 0.05            | 16.29                | 17                 | 1.178         | 0.973            | 22.3         |
| Right tilted-Repeat                                 | 20  | QPSK      | 41140/2645     | 1:1.58     | 0.71          | 0.1             | 16.29                | 17                 | 1.178         | 0.836            | 22.3         |
| Head Test data(50%RB_0 offset)                      |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Left cheek                                          | 20  | QPSK      | 40690/2600     | 1:1.58     | 0.397         | 0.07            | 16.5                 | 17.5               | 1.259         | 0.500            | 22.3         |
| Left tilted                                         | 20  | QPSK      | 40690/2600     | 1:1.58     | 0.485         | 0.07            | 16.5                 | 17.5               | 1.259         | 0.611            | 22.3         |
| Right cheek                                         | 20  | QPSK      | 40690/2600     | 1:1.58     | 0.664         | 0.11            | 16.19                | 17                 | 1.205         | 0.800            | 22.3         |
| Right tilted                                        | 20  | QPSK      | 40690/2600     | 1:1.58     | 0.767         | 0.08            | 16.19                | 17                 | 1.205         | 0.924            | 22.3         |
| Right cheek                                         | 20  | QPSK      | 40240/2555     | 1:1.58     | 0.513         | 0.09            | 16.16                | 17                 | 1.213         | 0.622            | 22.3         |
| Right cheek                                         | 20  | QPSK      | 41140/2645     | 1:1.58     | 0.775         | 0.08            | 16.13                | 17                 | 1.222         | 0.947            | 22.3         |
| Right tilted                                        | 20  | QPSK      | 40240/2555     | 1:1.58     | 0.621         | 0.07            | 16.16                | 17                 | 1.213         | 0.754            | 22.3         |
| Right tilted                                        | 20  | QPSK      | 41140/2645     | 1:1.58     | 0.794         | 0.04            | 16.13                | 17                 | 1.222         | 0.970            | 22.3         |
| Head Test data(100%RB_0 offset)                     |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right cheek                                         | 20  | QPSK      | 41140/2645     | 1:1.58     | 0.767         | 0.02            | 16.16                | 17                 | 1.213         | 0.931            | 22.3         |
| Right tilted                                        | 20  | QPSK      | 41140/2645     | 1:1.58     | 0.803         | 0.04            | 16.16                | 17                 | 1.213         | 0.974            | 22.3         |
| Head Test Data at the worst case with SIM2          |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right tilted                                        | 20  | QPSK      | 41140/2645     | 1:1.58     | 0.711         | 0.02            | 16.16                | 17                 | 1.213         | 0.863            | 22.3         |
| Head Test Data at the worst case with Battery 2#    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right tilted                                        | 20  | QPSK      | 41140/2645     | 1:1.58     | 0.79          | 0.05            | 16.16                | 17                 | 1.213         | 0.959            | 22.3         |
| Head Test Data at the worst case with Battery 3#    |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right tilted                                        | 20  | QPSK      | 41140/2645     | 1:1.58     | 0.556         | 0               | 16.16                | 17                 | 1.213         | 0.675            | 22.3         |

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| Body worn Test data(Separate 15mm 1RB_99 offset)                         |    |      |            |        |         |       |       |      |       |              |      |
|--------------------------------------------------------------------------|----|------|------------|--------|---------|-------|-------|------|-------|--------------|------|
| Front side                                                               | 20 | QPSK | 40690/2600 | 1:1.58 | 0.119   | -0.07 | 19.44 | 20   | 1.138 | 0.135        | 22.3 |
| Back side                                                                | 20 | QPSK | 40690/2600 | 1:1.58 | 0.152   | -0.06 | 19.44 | 20   | 1.138 | 0.173        | 22.3 |
| Back side                                                                | 20 | QPSK | 40240/2555 | 1:1.58 | 0.13    | -0.03 | 19.24 | 20   | 1.191 | 0.155        | 22.3 |
| Back side                                                                | 20 | QPSK | 41140/2645 | 1:1.58 | 0.144   | -0.03 | 19.3  | 20   | 1.175 | 0.169        | 22.3 |
| Body worn Test data (Separate 15mm 50%RB_50 offset)                      |    |      |            |        |         |       |       |      |       |              |      |
| Front side                                                               | 20 | QPSK | 41140/2645 | 1:1.58 | 0.113   | -0.16 | 19.2  | 20   | 1.202 | 0.136        | 22.3 |
| Back side                                                                | 20 | QPSK | 41140/2645 | 1:1.58 | 0.141   | 0.13  | 19.2  | 20   | 1.202 | 0.170        | 22.3 |
| Body worn Test Data at the worst case with SIM2                          |    |      |            |        |         |       |       |      |       |              |      |
| Back side                                                                | 20 | QPSK | 40690/2600 | 1:1.58 | 0.154   | -0.05 | 19.44 | 20   | 1.138 | 0.175        | 22.3 |
| Body worn Test Data at the worst case with Battery 2#                    |    |      |            |        |         |       |       |      |       |              |      |
| Back side                                                                | 20 | QPSK | 40690/2600 | 1:1.58 | 0.157   | -0.04 | 19.44 | 20   | 1.138 | <b>0.179</b> | 22.3 |
| Body worn Test Data at the worst case with Battery 3#                    |    |      |            |        |         |       |       |      |       |              |      |
| Back side                                                                | 20 | QPSK | 40690/2600 | 1:1.58 | 0.103   | -0.06 | 19.44 | 20   | 1.138 | 0.117        | 22.3 |
| Hotspot activated for 2.4G WIFI Test data(Separate 10mm 1RB_0 offset)    |    |      |            |        |         |       |       |      |       |              |      |
| Front side                                                               | 20 | QPSK | 41140/2645 | 1:1.58 | 0.109   | -0.05 | 16.4  | 17   | 1.148 | 0.125        | 22.3 |
| Back side                                                                | 20 | QPSK | 41140/2645 | 1:1.58 | 0.143   | -0.05 | 16.4  | 17   | 1.148 | 0.164        | 22.3 |
| Left side                                                                | 20 | QPSK | 41140/2645 | 1:1.58 | 0.078   | 0.17  | 16.4  | 17   | 1.148 | 0.090        | 22.3 |
| Right side                                                               | 20 | QPSK | 41140/2645 | 1:1.58 | 0.0161  | 0.03  | 16.4  | 17   | 1.148 | 0.018        | 22.3 |
| Top side                                                                 | 20 | QPSK | 41140/2645 | 1:1.58 | 0.351   | 0.07  | 16.4  | 17   | 1.148 | 0.403        | 22.3 |
| Hotspot activated for 2.4G WIFI Test data (Separate 10mm 50%RB_0 offset) |    |      |            |        |         |       |       |      |       |              |      |
| Front side                                                               | 20 | QPSK | 41140/2645 | 1:1.58 | 0.106   | -0.09 | 16.2  | 17   | 1.202 | 0.127        | 22.3 |
| Back side                                                                | 20 | QPSK | 41140/2645 | 1:1.58 | 0.134   | 0.05  | 16.2  | 17   | 1.202 | 0.161        | 22.3 |
| Left side                                                                | 20 | QPSK | 41140/2645 | 1:1.58 | 0.0734  | 0.05  | 16.2  | 17   | 1.202 | 0.088        | 22.3 |
| Right side                                                               | 20 | QPSK | 41140/2645 | 1:1.58 | 0.0165  | -0.08 | 16.2  | 17   | 1.202 | 0.020        | 22.3 |
| Top side                                                                 | 20 | QPSK | 41140/2645 | 1:1.58 | 0.344   | 0.02  | 16.2  | 17   | 1.202 | 0.414        | 22.3 |
| Top side                                                                 | 20 | QPSK | 40240/2555 | 1:1.58 | 0.227   | 0.17  | 15.98 | 17   | 1.265 | 0.287        | 22.3 |
| Top side                                                                 | 20 | QPSK | 40690/2600 | 1:1.58 | 0.283   | 0.01  | 16.02 | 17   | 1.253 | 0.355        | 22.3 |
| Hotspot activated for 5G WIFI Test data(Separate 10mm 1RB_0 offset)      |    |      |            |        |         |       |       |      |       |              |      |
| Front side                                                               | 20 | QPSK | 41140/2645 | 1:1.58 | 0.0597  | -0.03 | 14.42 | 14.7 | 1.067 | 0.064        | 22.3 |
| Back side                                                                | 20 | QPSK | 41140/2645 | 1:1.58 | 0.0863  | 0.01  | 14.42 | 14.7 | 1.067 | 0.092        | 22.3 |
| Left side                                                                | 20 | QPSK | 41140/2645 | 1:1.58 | 0.0501  | 0.01  | 14.42 | 14.7 | 1.067 | 0.053        | 22.3 |
| Right side                                                               | 20 | QPSK | 41140/2645 | 1:1.58 | 0.00562 | 0.01  | 14.42 | 14.7 | 1.067 | 0.006        | 22.3 |
| Top side                                                                 | 20 | QPSK | 41140/2645 | 1:1.58 | 0.209   | 0.08  | 14.42 | 14.7 | 1.067 | 0.223        | 22.3 |
| Hotspot activated for 5G WIFI Test data (Separate 10mm 50%RB_0 offset)   |    |      |            |        |         |       |       |      |       |              |      |
| Front side                                                               | 20 | QPSK | 41140/2645 | 1:1.58 | 0.0562  | 0.03  | 14.16 | 14.7 | 1.132 | 0.064        | 22.3 |
| Back side                                                                | 20 | QPSK | 41140/2645 | 1:1.58 | 0.0822  | 0.06  | 14.16 | 14.7 | 1.132 | 0.093        | 22.3 |
| Left side                                                                | 20 | QPSK | 41140/2645 | 1:1.58 | 0.049   | 0.04  | 14.16 | 14.7 | 1.132 | 0.055        | 22.3 |
| Right side                                                               | 20 | QPSK | 41140/2645 | 1:1.58 | 0.00502 | -0.03 | 14.16 | 14.7 | 1.132 | 0.006        | 22.3 |
| Top side                                                                 | 20 | QPSK | 41140/2645 | 1:1.58 | 0.202   | 0.2   | 14.16 | 14.7 | 1.132 | 0.229        | 22.3 |
| Top side                                                                 | 20 | QPSK | 40240/2555 | 1:1.58 | 0.137   | 0.04  | 14.03 | 14.7 | 1.167 | 0.160        | 22.3 |
| Top side                                                                 | 20 | QPSK | 40690/2600 | 1:1.58 | 0.174   | 0.07  | 13.99 | 14.7 | 1.178 | 0.205        | 22.3 |
| Hotspot Test Data at the worst case with SIM2                            |    |      |            |        |         |       |       |      |       |              |      |
| Top side                                                                 | 20 | QPSK | 41140/2645 | 1:1.58 | 0.337   | 0.03  | 16.2  | 17   | 1.202 | 0.405        | 22.3 |
| Hotspot Test Data at the worst case with Battery 2#                      |    |      |            |        |         |       |       |      |       |              |      |
| Top side                                                                 | 20 | QPSK | 41140/2645 | 1:1.58 | 0.365   | 0.03  | 16.2  | 17   | 1.202 | <b>0.439</b> | 22.3 |

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| Hotspot Test Data at the worst case with Battery 3#                  |     |           |                |            |               |                 |                      |                    |               |                  |              |
|----------------------------------------------------------------------|-----|-----------|----------------|------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|--------------|
| Top side                                                             | 20  | QPSK      | 41140/2645     | 1:1.58     | 0.281         | 0.2             | 16.2                 | 17                 | 1.202         | 0.338            | 22.3         |
| Ant2 Additional Test data(simultaneous transmission with 5G WIFI+BT) |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Test position                                                        | BW. | Test mode | Test Ch./Freq. | Duty Cycle | SAR (W/kg)1-g | Power Drift(dB) | Conducted power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp. |
| Head Test data(1RB_50 offset)                                        |     |           |                |            |               |                 |                      |                    |               |                  |              |
| Right cheek                                                          | 20  | QPSK      | 40690/2600     | 1:1.58     | 0.204         | 0.05            | 11.1                 | 11.7               | 1.148         | 0.234            | 22.3         |
| Right tilted                                                         | 20  | QPSK      | 40690/2600     | 1:1.58     | 0.221         | 0.09            | 11.1                 | 11.7               | 1.148         | 0.254            | 22.3         |

Table 31 : SAR of LTE Band 41 for Head and Body.

Note:

- 3) The maximum Scaled SAR value is marked in bold. Graph results refer to Appendix B

If the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is  $\leq 0.8$  W/kg then testing at the other channels is not required for such test configuration(s).



**8.3.16 SAR Result Of 2.4GHz WIFI**

| WiFi 1 Test data                                      |           |               |            |                          |                            |                 |                      |                    |               |                  |             |
|-------------------------------------------------------|-----------|---------------|------------|--------------------------|----------------------------|-----------------|----------------------|--------------------|---------------|------------------|-------------|
| Test position                                         | Test mode | Test Ch./Freq | Duty Cycle | Duty Cycle Scaled factor | SAR (W/kg) <sup>1</sup> -g | Power drift(dB) | Conducted power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp |
| Head Test data                                        |           |               |            |                          |                            |                 |                      |                    |               |                  |             |
| Left cheek                                            | 802.11 b  | 6/2437        | 100.00 %   | 1                        | 0.246                      | -0.01           | 12.84                | 13.5               | 1.164         | 0.286            | 22          |
| Left tilted                                           | 802.11 b  | 6/2437        | 100.00 %   | 1                        | 0.246                      | 0.03            | 12.84                | 13.5               | 1.164         | 0.286            | 22          |
| Right cheek                                           | 802.11 b  | 6/2437        | 100.00 %   | 1                        | 0.208                      | 0.08            | 12.84                | 13.5               | 1.164         | 0.242            | 22          |
| Right tilted                                          | 802.11 b  | 6/2437        | 100.00 %   | 1                        | 0.225                      | -0.1            | 12.84                | 13.5               | 1.164         | 0.262            | 22          |
| Left tilted                                           | 802.11 b  | 1/2412        | 100.00 %   | 1                        | 0.19                       | 0.01            | 11.78                | 12.5               | 1.180         | 0.224            | 22          |
| Left tilted                                           | 802.11 b  | 11/2462       | 100.00 %   | 1                        | 0.271                      | 0.02            | 12.65                | 13.5               | 1.216         | 0.330            | 22          |
| Head Test Data at the worst case with Battery 2#      |           |               |            |                          |                            |                 |                      |                    |               |                  |             |
| Left tilted                                           | 802.11 b  | 11/2462       | 100.00 %   | 1                        | 0.26                       | 0.08            | 12.65                | 13.5               | 1.216         | 0.316            | 22          |
| Head Test Data at the worst case with Battery 3#      |           |               |            |                          |                            |                 |                      |                    |               |                  |             |
| Left tilted                                           | 802.11 b  | 11/2462       | 100.00 %   | 1                        | 0.391                      | 0.13            | 12.65                | 13.5               | 1.216         | <b>0.476</b>     | 22          |
| Body worn Test data(Separate 15mm)                    |           |               |            |                          |                            |                 |                      |                    |               |                  |             |
| Front side                                            | 802.11 b  | 11/2462       | 89.98%     | 1.111                    | 0.0527                     | -0.05           | 16.28                | 18                 | 1.486         | 0.087            | 22          |
| Back side                                             | 802.11 b  | 11/2462       | 89.98%     | 1.111                    | 0.0595                     | -0.06           | 16.28                | 18                 | 1.486         | 0.098            | 22          |
| Back side                                             | 802.11 b  | 1/2412        | 89.98%     | 1.111                    | 0.0462                     | -0.01           | 15.19                | 17                 | 1.517         | 0.078            | 22          |
| Back side                                             | 802.11 b  | 6/2437        | 89.98%     | 1.111                    | 0.077                      | 0.01            | 16.22                | 18                 | 1.507         | 0.129            | 22          |
| Body worn Test Data at the worst case with Battery 2# |           |               |            |                          |                            |                 |                      |                    |               |                  |             |
| Back side                                             | 802.11 b  | 6/2437        | 89.98%     | 1.111                    | 0.096                      | 0.15            | 16.22                | 18                 | 1.507         | 0.161            | 22          |
| Body worn Test Data at the worst case with Battery 3# |           |               |            |                          |                            |                 |                      |                    |               |                  |             |
| Back side                                             | 802.11 b  | 6/2437        | 89.98%     | 1.111                    | 0.109                      | 0.03            | 16.22                | 18                 | 1.507         | <b>0.182</b>     | 22          |
| Hotspot Test data (Separate 10mm)                     |           |               |            |                          |                            |                 |                      |                    |               |                  |             |
| Front side                                            | 802.11 b  | 11/2462       | 89.98%     | 1.111                    | 0.0954                     | 0.18            | 16.28                | 18                 | 1.486         | 0.157            | 22          |
| Back side                                             | 802.11 b  | 11/2462       | 89.98%     | 1.111                    | 0.164                      | -0.08           | 16.28                | 18                 | 1.486         | 0.271            | 22          |
| Right side                                            | 802.11 b  | 11/2462       | 89.98%     | 1.111                    | 0.0721                     | 0.06            | 16.28                | 18                 | 1.486         | 0.119            | 22          |
| Top side                                              | 802.11 b  | 11/2462       | 89.98%     | 1.111                    | 0.181                      | 0.08            | 16.28                | 18                 | 1.486         | 0.299            | 22          |
| Top side                                              | 802.11 b  | 1/2412        | 89.98%     | 1.111                    | 0.13                       | 0.07            | 15.19                | 17                 | 1.517         | 0.219            | 22          |
| Top side                                              | 802.11 b  | 6/2437        | 89.98%     | 1.111                    | 0.198                      | 0.01            | 16.22                | 18                 | 1.507         | 0.331            | 22          |
| Hotspot Test Data at the worst case with Battery 2#   |           |               |            |                          |                            |                 |                      |                    |               |                  |             |
| Top side                                              | 802.11 b  | 6/2437        | 89.98%     | 1.111                    | 0.216                      | 0.1             | 16.22                | 18                 | 1.507         | 0.362            | 22          |

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| Hotspot Test Data at the worst case with Battery 3#   |             |                |            |                          |                            |                 |                      |                    |                |                  |              |
|-------------------------------------------------------|-------------|----------------|------------|--------------------------|----------------------------|-----------------|----------------------|--------------------|----------------|------------------|--------------|
| Top side                                              | 802.11<br>b | 6/2437         | 89.98%     | 1.111                    | 0.454                      | -0.04           | 16.22                | 18                 | 1.507          | <b>0.760</b>     | 22           |
| WiFi 2 Test data                                      |             |                |            |                          |                            |                 |                      |                    |                |                  |              |
| Test position                                         | Test mode   | Test Ch./Freq. | Duty Cycle | Duty Cycle Scaled factor | SAR (W/kg) <sup>1</sup> -g | Power drift(dB) | Conducted power(dBm) | Tune up Limit(dBm) | Scale d factor | Scaled SAR(W/kg) | Liquid Temp. |
| Head Test data                                        |             |                |            |                          |                            |                 |                      |                    |                |                  |              |
| Left cheek                                            | 802.11<br>b | 6/2437         | 89.77%     | 1.114                    | 0.274                      | 0.07            | 13.72                | 15.5               | 1.507          | 0.460            | 22           |
| Left tilted                                           | 802.11<br>b | 6/2437         | 89.77%     | 1.114                    | 0.365                      | 0.2             | 13.72                | 15.5               | 1.507          | 0.613            | 22           |
| Right cheek                                           | 802.11<br>b | 6/2437         | 89.77%     | 1.114                    | 0.405                      | 0.01            | 13.72                | 15.5               | 1.507          | 0.680            | 22           |
| Right tilted                                          | 802.11<br>b | 6/2437         | 89.77%     | 1.114                    | 0.547                      | 0.05            | 13.72                | 15.5               | 1.507          | 0.918            | 22           |
| Right tilted                                          | 802.11<br>b | 1/2412         | 89.77%     | 1.114                    | 0.481                      | -0.13           | 13.66                | 15.5               | 1.528          | 0.819            | 22           |
| Right tilted                                          | 802.11<br>b | 11/2462        | 89.77%     | 1.114                    | 0.533                      | 0.12            | 13.57                | 15.5               | 1.560          | <b>0.926</b>     | 22           |
| Head Test Data at the worst case with Battery 2#      |             |                |            |                          |                            |                 |                      |                    |                |                  |              |
| Right tilted                                          | 802.11<br>b | 11/2462        | 89.77%     | 1.114                    | 0.49                       | 0.01            | 13.57                | 15.5               | 1.560          | 0.764            | 22.3         |
| Head Test Data at the worst case with Battery 3#      |             |                |            |                          |                            |                 |                      |                    |                |                  |              |
| Right tilted                                          | 802.11<br>b | 11/2462        | 89.77%     | 1.114                    | 0.254                      | 0.01            | 13.57                | 15.5               | 1.560          | 0.396            | 22.3         |
| Body worn Test data(Separate 15mm)                    |             |                |            |                          |                            |                 |                      |                    |                |                  |              |
| Front side                                            | 802.11<br>b | 6/2437         | 89.75%     | 1.114                    | 0.039                      | -0.02           | 13.99                | 15.5               | 1.416          | 0.062            | 22           |
| Back side                                             | 802.11<br>b | 6/2437         | 89.75%     | 1.114                    | 0.0481                     | 0.03            | 13.99                | 15.5               | 1.416          | 0.076            | 22           |
| Back side                                             | 802.11<br>b | 1/2412         | 89.75%     | 1.114                    | 0.0412                     | 0.06            | 13.99                | 15.5               | 1.416          | 0.065            | 22           |
| Back side                                             | 802.11<br>b | 11/2462        | 89.75%     | 1.114                    | 0.0409                     | 0.08            | 13.99                | 15.5               | 1.416          | 0.065            | 22           |
| Body worn Test Data at the worst case with Battery 2# |             |                |            |                          |                            |                 |                      |                    |                |                  |              |
| Back side                                             | 802.11<br>b | 6/2437         | 89.75%     | 1.114                    | 0.052                      | 0.05            | 13.99                | 15.5               | 1.416          | <b>0.082</b>     | 22           |
| Body worn Test Data at the worst case with Battery 3# |             |                |            |                          |                            |                 |                      |                    |                |                  |              |
| Back side                                             | 802.11<br>b | 6/2437         | 89.75%     | 1.114                    | 0.0171                     | -0.09           | 13.99                | 15.5               | 1.416          | 0.027            | 22           |
| Hotspot Test data (Separate 10mm)                     |             |                |            |                          |                            |                 |                      |                    |                |                  |              |
| Front side                                            | 802.11<br>b | 6/2437         | 89.75%     | 1.114                    | 0.0722                     | 0.01            | 13.99                | 15.5               | 1.416          | 0.114            | 22           |
| Back side                                             | 802.11<br>b | 6/2437         | 89.75%     | 1.114                    | 0.0865                     | 0.02            | 13.99                | 15.5               | 1.416          | 0.136            | 22           |
| Left side                                             | 802.11<br>b | 6/2437         | 89.75%     | 1.114                    | 0.0659                     | 0.02            | 13.99                | 15.5               | 1.416          | 0.104            | 22           |
| Top side                                              | 802.11<br>b | 6/2437         | 89.75%     | 1.114                    | 0.204                      | 0.02            | 13.99                | 15.5               | 1.416          | 0.322            | 22           |
| Top side                                              | 802.11<br>b | 1/2412         | 89.75%     | 1.114                    | 0.157                      | 0.04            | 13.65                | 15.5               | 1.531          | 0.268            | 22           |
| Top side                                              | 802.11<br>b | 11/2462        | 89.75%     | 1.114                    | 0.193                      | 0.03            | 13.76                | 15.5               | 1.493          | 0.321            | 22           |

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| Hotspot Test Data at the worst case with Battery 2# |         |        |        |       |       |      |       |      |       |              |    |
|-----------------------------------------------------|---------|--------|--------|-------|-------|------|-------|------|-------|--------------|----|
| Top side                                            | 802.11b | 6/2437 | 89.75% | 1.114 | 0.235 | 0.01 | 13.99 | 15.5 | 1.416 | <b>0.371</b> | 22 |
| Hotspot Test Data at the worst case with Battery 3# |         |        |        |       |       |      |       |      |       |              |    |
| Top side                                            | 802.11b | 6/2437 | 89.75% | 1.114 | 0.135 | 0.01 | 13.99 | 15.5 | 1.416 | 0.213        | 22 |

Table 32 : SAR of 2.4GHz WIFI for Head and Body

Note:

- 1) The maximum Scaled SAR value is marked in bold. Graph results refer to Appendix B
- 2) If the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is  $\leq 0.8$  W/kg then testing at the other channels is not required for such test configuration(s).
- 3) Each channel was tested at the lowest data rate.
- 4) When the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is  $\leq 1.2$  W/kg, 802.11g/n OFDM SAR Test is not required.

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## 8.3.17 SAR Result Of 5GHz WIFI

| WiFi 1 Test data                                 |              |                |            |                          |                            |                 |                      |                    |              |                  |              |
|--------------------------------------------------|--------------|----------------|------------|--------------------------|----------------------------|-----------------|----------------------|--------------------|--------------|------------------|--------------|
| Test position                                    | Test mode    | Test Ch./Freq. | Duty Cycle | Duty Cycle Scaled factor | SAR (W/kg) <sup>1</sup> -g | Power drift(dB) | Conducted power(dBm) | Tune up Limit(dBm) | Scale factor | Scaled SAR(W/kg) | Liquid Temp. |
| Head Test data U-NII-2A                          |              |                |            |                          |                            |                 |                      |                    |              |                  |              |
| Left cheek                                       | 802.11a<br>c | 54/5270        | 91.21 %    | 1.096                    | 0.352                      | -0.02           | 10.88                | 11.5               | 1.153        | 0.445            | 22           |
| Left tilted                                      | 802.11a<br>c | 54/5270        | 91.21 %    | 1.096                    | 0.262                      | 0.02            | 10.88                | 11.5               | 1.153        | 0.331            | 22           |
| Right cheek                                      | 802.11a<br>c | 54/5270        | 91.21 %    | 1.096                    | 0.234                      | 0.03            | 10.88                | 11.5               | 1.153        | 0.296            | 22           |
| Right tilted                                     | 802.11a<br>c | 54/5270        | 91.21 %    | 1.096                    | 0.241                      | 0.14            | 10.88                | 11.5               | 1.153        | 0.305            | 22           |
| Left cheek                                       | 802.11a<br>c | 62/5310        | 91.21 %    | 1.096                    | 0.34                       | 0.03            | 10.83                | 11.5               | 1.167        | 0.435            | 22           |
| Head Test data U-NII-2C                          |              |                |            |                          |                            |                 |                      |                    |              |                  |              |
| Left cheek                                       | 802.11a<br>c | 134/5670       | 91.21 %    | 1.096                    | 0.257                      | 0.08            | 10.47                | 11.5               | 1.268        | 0.357            | 22           |
| Left tilted                                      | 802.11a<br>c | 134/5670       | 91.21 %    | 1.096                    | 0.202                      | 0.06            | 10.47                | 11.5               | 1.268        | 0.281            | 22           |
| Right cheek                                      | 802.11a<br>c | 134/5670       | 91.21 %    | 1.096                    | 0.115                      | 0.07            | 10.47                | 11.5               | 1.268        | 0.160            | 22           |
| Right tilted                                     | 802.11a<br>c | 134/5670       | 91.21 %    | 1.096                    | 0.106                      | 0.04            | 10.47                | 11.5               | 1.268        | 0.147            | 22           |
| Left cheek                                       | 802.11a<br>c | 102/5510       | 91.21 %    | 1.096                    | 0.439                      | 0.01            | 10.45                | 11.5               | 1.274        | <b>0.613</b>     | 22           |
| Left cheek                                       | 802.11a<br>c | 142/5710       | 91.21 %    | 1.096                    | 0.252                      | 0.07            | 10.37                | 11.5               | 1.297        | 0.358            | 22           |
| Head Test data U-NII-3                           |              |                |            |                          |                            |                 |                      |                    |              |                  |              |
| Left cheek                                       | 802.11a<br>c | 151/5755       | 91.21 %    | 1.096                    | 0.214                      | 0.08            | 10.42                | 10.5               | 1.019        | 0.239            | 22           |
| Left tilted                                      | 802.11a<br>c | 151/5755       | 91.21 %    | 1.096                    | 0.181                      | 0.06            | 10.42                | 10.5               | 1.019        | 0.202            | 22           |
| Right cheek                                      | 802.11a<br>c | 151/5755       | 91.21 %    | 1.096                    | 0.0975                     | 0.05            | 10.42                | 10.5               | 1.019        | 0.109            | 22           |
| Right tilted                                     | 802.11a<br>c | 151/5755       | 91.21 %    | 1.096                    | 0.0797                     | 0.05            | 10.42                | 10.5               | 1.019        | 0.089            | 22           |
| Left cheek                                       | 802.11a<br>c | 159/5795       | 91.21 %    | 1.096                    | 0.175                      | 0.03            | 10.25                | 10.5               | 1.059        | 0.203            | 22           |
| Head Test Data at the worst case with Battery 2# |              |                |            |                          |                            |                 |                      |                    |              |                  |              |
| Left cheek                                       | 802.11a<br>c | 102/5510       | 91.21 %    | 1.096                    | 0.381                      | 0.02            | 10.45                | 11.5               | 1.274        | 0.532            | 22           |
| Head Test Data at the worst case with Battery 3# |              |                |            |                          |                            |                 |                      |                    |              |                  |              |
| Left cheek                                       | 802.11a<br>c | 102/5510       | 91.21 %    | 1.096                    | 0.319                      | -0.09           | 10.45                | 11.5               | 1.274        | 0.445            | 22           |
| Body worn Test data U-NII-2A(Separate 15mm)      |              |                |            |                          |                            |                 |                      |                    |              |                  |              |
| Front side                                       | 802.11a      | 56/5280        | 93.36 %    | 1.071                    | 0.0391                     | -0.06           | 15.86                | 16.5               | 1.159        | 0.049            | 22           |
| Back side                                        | 802.11a      | 56/5280        | 93.36 %    | 1.071                    | 0.0162                     | -0.03           | 15.86                | 16.5               | 1.159        | 0.020            | 22           |
| Front side                                       | 802.11a      | 52/5260        | 93.36 %    | 1.071                    | 0.0269                     | 0               | 15.85                | 16.5               | 1.161        | 0.033            | 22           |
| Front side                                       | 802.11a      | 64/5320        | 93.36 %    | 1.071                    | 0.0204                     | -0.05           | 13.14                | 14                 | 1.219        | 0.027            | 22           |

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| Body worn Test data U-NII-2C(Separate 15mm)         |             |              |            |       |         |       |       |      |       |              |    |
|-----------------------------------------------------|-------------|--------------|------------|-------|---------|-------|-------|------|-------|--------------|----|
| Front side                                          | 802.11<br>a | 116/558<br>0 | 93.36<br>% | 1.071 | 0.0441  | 0.01  | 15.51 | 16.5 | 1.256 | 0.059        | 22 |
| Back side                                           | 802.11<br>a | 116/558<br>0 | 93.36<br>% | 1.071 | 0.0274  | -0.09 | 15.51 | 16.5 | 1.256 | 0.037        | 22 |
| Front side                                          | 802.11<br>a | 104/552<br>0 | 93.36<br>% | 1.071 | 0.059   | 0     | 15.48 | 16.5 | 1.265 | <b>0.080</b> | 22 |
| Front side                                          | 802.11<br>a | 136/568<br>0 | 93.36<br>% | 1.071 | 0.0256  | -0.05 | 15.47 | 16.5 | 1.268 | 0.035        | 22 |
| Front side                                          | 802.11<br>a | 100/550<br>0 | 93.36<br>% | 1.071 | 0.0257  | 0     | 12.67 | 14   | 1.358 | 0.037        | 22 |
| Front side                                          | 802.11<br>a | 144/572<br>0 | 93.36<br>% | 1.071 | 0.011   | 0.04  | 13.09 | 14   | 1.233 | 0.015        | 22 |
| Body worn Test data U-NII-3(Separate 15mm)          |             |              |            |       |         |       |       |      |       |              |    |
| Front side                                          | 802.11<br>a | 157/578<br>5 | 93.36<br>% | 1.071 | 0.0125  | 0.01  | 15.21 | 16.5 | 1.346 | 0.018        | 22 |
| Back side                                           | 802.11<br>a | 157/578<br>5 | 93.36<br>% | 1.071 | 0.00894 | -0.01 | 15.21 | 16.5 | 1.346 | 0.013        | 22 |
| Front side                                          | 802.11<br>a | 149/574<br>5 | 93.36<br>% | 1.071 | 0.0155  | 0.05  | 15.12 | 16.5 | 1.374 | 0.023        | 22 |
| Front side                                          | 802.11<br>a | 165/582<br>5 | 93.36<br>% | 1.071 | 0.0159  | 0     | 14.87 | 16   | 1.297 | 0.022        | 22 |
| Body worn Data at the worst case with Battery 2#    |             |              |            |       |         |       |       |      |       |              |    |
| Front side                                          | 802.11<br>a | 104/552<br>0 | 93.36<br>% | 1.071 | 0.0397  | 0     | 15.48 | 16.5 | 1.265 | 0.054        | 22 |
| Body worn Data at the worst case with Battery 3#    |             |              |            |       |         |       |       |      |       |              |    |
| Front side                                          | 802.11<br>a | 104/552<br>0 | 93.36<br>% | 1.071 | 0.052   | -0.02 | 15.48 | 16.5 | 1.265 | 0.070        | 22 |
| Hotspot Test data U-NII-1(Separate 10mm)            |             |              |            |       |         |       |       |      |       |              |    |
| Front side                                          | 802.11<br>a | 40/5200      | 93.36<br>% | 1.071 | 0.07    | 0.02  | 15.83 | 16.5 | 1.167 | <b>0.087</b> | 22 |
| Back side                                           | 802.11<br>a | 40/5200      | 93.36<br>% | 1.071 | 0.041   | 0.06  | 15.83 | 16.5 | 1.167 | 0.051        | 22 |
| Right side                                          | 802.11<br>a | 40/5200      | 93.36<br>% | 1.071 | 0.0279  | -0.03 | 15.83 | 16.5 | 1.167 | 0.035        | 22 |
| Top side                                            | 802.11<br>a | 40/5200      | 93.36<br>% | 1.071 | 0.0617  | 0.08  | 15.83 | 16.5 | 1.167 | 0.077        | 22 |
| Front side                                          | 802.11<br>a | 36/5180      | 93.36<br>% | 1.071 | 0.0205  | -0.06 | 13.12 | 14   | 1.225 | 0.027        | 22 |
| Front side                                          | 802.11<br>a | 48/5240      | 93.36<br>% | 1.071 | 0.0629  | -0.02 | 15.82 | 16.5 | 1.169 | 0.079        | 22 |
| Hotspot Test data U-NII-3(Separate 10mm)            |             |              |            |       |         |       |       |      |       |              |    |
| Front side                                          | 802.11<br>a | 157/578<br>5 | 93.36<br>% | 1.071 | 0.0334  | 0.07  | 15.21 | 16.5 | 1.346 | 0.048        | 22 |
| Back side                                           | 802.11<br>a | 157/578<br>5 | 93.36<br>% | 1.071 | 0.0239  | 0     | 15.21 | 16.5 | 1.346 | 0.034        | 22 |
| Right side                                          | 802.11<br>a | 157/578<br>5 | 93.36<br>% | 1.071 | 0.0112  | 0     | 15.21 | 16.5 | 1.346 | 0.016        | 22 |
| Top side                                            | 802.11<br>a | 157/578<br>5 | 93.36<br>% | 1.071 | 0.034   | 0.01  | 15.21 | 16.5 | 1.346 | 0.049        | 22 |
| Top side                                            | 802.11<br>a | 149/574<br>5 | 93.36<br>% | 1.071 | 0.0427  | 0.01  | 15.12 | 16.5 | 1.374 | 0.063        | 22 |
| Top side                                            | 802.11<br>a | 165/582<br>5 | 93.36<br>% | 1.071 | 0.0338  | -0.04 | 14.87 | 16   | 1.297 | 0.047        | 22 |
| Hotspot Test Data at the worst case with Battery 2# |             |              |            |       |         |       |       |      |       |              |    |
| Front side                                          | 802.11<br>a | 40/5200      | 93.36<br>% | 1.071 | 0.0685  | 0.05  | 15.83 | 16.5 | 1.167 | 0.086        | 22 |
| Hotspot Test Data at the worst case with Battery 3# |             |              |            |       |         |       |       |      |       |              |    |
| Front side                                          | 802.11<br>a | 40/5200      | 93.36<br>% | 1.071 | 0.065   | 0.04  | 15.83 | 16.5 | 1.167 | 0.081        | 22 |

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| WiFi 2 Test data                                 |           |               |            |                          |               |                 |                      |                    |               |                  |             |
|--------------------------------------------------|-----------|---------------|------------|--------------------------|---------------|-----------------|----------------------|--------------------|---------------|------------------|-------------|
| Test position                                    | Test mode | Test Ch./Freq | Duty Cycle | Duty Cycle Scaled factor | SAR (W/kg)1-g | Power drift(dB) | Conducted power(dBm) | Tune up Limit(dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp |
| Head Test data U-NII-2A                          |           |               |            |                          |               |                 |                      |                    |               |                  |             |
| Left cheek                                       | 802.11a   | 56/5280       | 93.52%     | 1.069                    | 0.112         | 0.03            | 9.25                 | 9.5                | 1.059         | 0.127            | 22          |
| Left tilted                                      | 802.11a   | 56/5280       | 93.52%     | 1.069                    | 0.134         | 0.01            | 9.25                 | 9.5                | 1.059         | 0.152            | 22          |
| Right cheek                                      | 802.11a   | 56/5280       | 93.52%     | 1.069                    | 0.146         | 0.06            | 9.25                 | 9.5                | 1.059         | 0.165            | 22          |
| Right tilted                                     | 802.11a   | 56/5280       | 93.52%     | 1.069                    | 0.214         | 0.01            | 9.25                 | 9.5                | 1.059         | 0.242            | 22          |
| Right tilted                                     | 802.11a   | 52/5260       | 93.52%     | 1.069                    | 0.205         | 0.06            | 9.19                 | 9.5                | 1.074         | 0.235            | 22          |
| Right tilted                                     | 802.11a   | 64/5320       | 93.52%     | 1.069                    | 0.22          | 0.06            | 9.15                 | 9.5                | 1.084         | 0.255            | 22          |
| Head Test data U-NII-2C                          |           |               |            |                          |               |                 |                      |                    |               |                  |             |
| Left cheek                                       | 802.11a   | 116/5580      | 93.52%     | 1.069                    | 0.106         | 0.02            | 8.91                 | 9.5                | 1.146         | 0.130            | 22          |
| Left tilted                                      | 802.11a   | 116/5580      | 93.52%     | 1.069                    | 0.12          | 0.09            | 8.91                 | 9.5                | 1.146         | 0.147            | 22          |
| Right cheek                                      | 802.11a   | 116/5580      | 93.52%     | 1.069                    | 0.18          | -0.09           | 8.91                 | 9.5                | 1.146         | 0.220            | 22          |
| Right tilted                                     | 802.11a   | 116/5580      | 93.52%     | 1.069                    | 0.157         | 0.09            | 8.91                 | 9.5                | 1.146         | 0.192            | 22          |
| Right cheek                                      | 802.11a   | 100/5500      | 93.52%     | 1.069                    | 0.203         | 0.06            | 8.67                 | 9.5                | 1.211         | 0.263            | 22          |
| Right cheek                                      | 802.11a   | 144/5720      | 93.52%     | 1.069                    | 0.124         | -0.03           | 8.45                 | 9.5                | 1.274         | 0.169            | 22          |
| Head Test data U-NII-3                           |           |               |            |                          |               |                 |                      |                    |               |                  |             |
| Left cheek                                       | 802.11a   | 157/5785      | 93.52%     | 1.069                    | 0.0793        | 0.08            | 8.75                 | 9.5                | 1.189         | 0.101            | 22          |
| Left tilted                                      | 802.11a   | 157/5785      | 93.52%     | 1.069                    | 0.0977        | -0.09           | 8.75                 | 9.5                | 1.189         | 0.124            | 22          |
| Right cheek                                      | 802.11a   | 157/5785      | 93.52%     | 1.069                    | 0.0973        | 0               | 8.75                 | 9.5                | 1.189         | 0.124            | 22          |
| Right tilted                                     | 802.11a   | 157/5785      | 93.52%     | 1.069                    | 0.1           | 0.03            | 8.75                 | 9.5                | 1.189         | 0.127            | 22          |
| Right tilted                                     | 802.11a   | 149/5745      | 93.52%     | 1.069                    | 0.0983        | 0               | 8.48                 | 9.5                | 1.265         | 0.133            | 22          |
| Right tilted                                     | 802.11a   | 165/5825      | 93.52%     | 1.069                    | 0.0615        | 0.06            | 8.71                 | 9.5                | 1.199         | 0.079            | 22          |
| Head Test Data at the worst case with Battery 2# |           |               |            |                          |               |                 |                      |                    |               |                  |             |
| Right cheek                                      | 802.11a   | 100/5500      | 93.52%     | 1.069                    | 0.273         | 0.06            | 8.67                 | 9.5                | 1.211         | <b>0.353</b>     | 22          |
| Head Test Data at the worst case with Battery 3# |           |               |            |                          |               |                 |                      |                    |               |                  |             |
| Right cheek                                      | 802.11a   | 100/5500      | 93.52%     | 1.069                    | 0.224         | 0.1             | 8.67                 | 9.5                | 1.211         | 0.290            | 22          |
| Body worn Test data U-NII-2A(Separate 15mm)      |           |               |            |                          |               |                 |                      |                    |               |                  |             |
| Front side                                       | 802.11a   | 56/5280       | 93.52%     | 1.069                    | 0.000862      | 0.02            | 9.25                 | 9.5                | 1.059         | 0.001            | 22          |
| Back side                                        | 802.11a   | 56/5280       | 93.52%     | 1.069                    | 0.00532       | 0               | 9.25                 | 9.5                | 1.059         | 0.006            | 22          |
| Back side                                        | 802.11a   | 52/5260       | 93.52%     | 1.069                    | 0.000422      | -0.05           | 9.19                 | 9.5                | 1.074         | 0.000            | 22          |
| Back side                                        | 802.11a   | 64/5320       | 93.52%     | 1.069                    | 0.00299       | -0.09           | 9.15                 | 9.5                | 1.084         | 0.003            | 22          |

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| Body worn Test data U-NII-2C(Separate 15mm)           |             |              |            |       |              |       |      |     |       |              |    |
|-------------------------------------------------------|-------------|--------------|------------|-------|--------------|-------|------|-----|-------|--------------|----|
| Front side                                            | 802.11<br>a | 116/558<br>0 | 93.52<br>% | 1.069 | 0.00203      | 0.09  | 8.91 | 9.5 | 1.146 | 0.002        | 22 |
| Back side                                             | 802.11<br>a | 116/558<br>0 | 93.52<br>% | 1.069 | 0.00343      | 0     | 8.91 | 9.5 | 1.146 | 0.004        | 22 |
| Back side                                             | 802.11<br>a | 100/550<br>0 | 93.52<br>% | 1.069 | 0.0131       | 0     | 8.67 | 9.5 | 1.211 | 0.017        | 22 |
| Back side                                             | 802.11<br>a | 144/572<br>0 | 93.52<br>% | 1.069 | 0.0141       | -0.09 | 8.45 | 9.5 | 1.274 | 0.019        | 22 |
| Body worn Test data U-NII-3(Separate 15mm)            |             |              |            |       |              |       |      |     |       |              |    |
| Front side                                            | 802.11<br>a | 157/578<br>5 | 93.52<br>% | 1.069 | 0.0069       | -0.04 | 8.75 | 9.5 | 1.189 | 0.009        | 22 |
| Back side                                             | 802.11<br>a | 157/578<br>5 | 93.52<br>% | 1.069 | 0.02         | -0.07 | 8.75 | 9.5 | 1.189 | <b>0.025</b> | 22 |
| Back side                                             | 802.11<br>a | 149/574<br>5 | 93.52<br>% | 1.069 | 0.0137       | 0.02  | 8.48 | 9.5 | 1.265 | 0.019        | 22 |
| Back side                                             | 802.11<br>a | 165/582<br>5 | 93.52<br>% | 1.069 | 0.0114       | 0.04  | 8.71 | 9.5 | 1.199 | 0.015        | 22 |
| Body worn Test Data at the worst case with Battery 2# |             |              |            |       |              |       |      |     |       |              |    |
| Back side                                             | 802.11<br>a | 157/578<br>5 | 93.52<br>% | 1.069 | 0.0133       | 0.01  | 8.75 | 9.5 | 1.189 | 0.017        | 22 |
| Body worn Test Data at the worst case with Battery 3# |             |              |            |       |              |       |      |     |       |              |    |
| Back side                                             | 802.11<br>a | 157/578<br>5 | 93.52<br>% | 1.069 | 0.00469      | 0     | 8.75 | 9.5 | 1.189 | 0.006        | 22 |
| Hotspot Test data U-NII-1(Separate 10mm)              |             |              |            |       |              |       |      |     |       |              |    |
| Front side                                            | 802.11<br>a | 40/5200      | 93.52<br>% | 1.069 | 0.00175      | 0.04  | 9.20 | 9.5 | 1.072 | 0.002        | 22 |
| Back side                                             | 802.11<br>a | 40/5200      | 93.52<br>% | 1.069 | 0.00861      | 0     | 9.20 | 9.5 | 1.072 | 0.010        | 22 |
| Left side                                             | 802.11<br>a | 40/5200      | 93.52<br>% | 1.069 | 0.00048<br>9 | -0.07 | 9.20 | 9.5 | 1.072 | 0.001        | 22 |
| Top side                                              | 802.11<br>a | 40/5200      | 93.52<br>% | 1.069 | 0.00554      | 0     | 9.20 | 9.5 | 1.072 | 0.006        | 22 |
| Back side                                             | 802.11<br>a | 36/5180      | 93.52<br>% | 1.069 | 0.00703      | -0.07 | 8.95 | 9   | 1.012 | 0.008        | 22 |
| Back side                                             | 802.11<br>a | 48/5240      | 93.52<br>% | 1.069 | 0.00639      | -0.01 | 9.15 | 9.5 | 1.084 | 0.007        | 22 |
| Hotspot Test data U-NII-3(Separate 10mm)              |             |              |            |       |              |       |      |     |       |              |    |
| Front side                                            | 802.11<br>a | 157/578<br>5 | 93.52<br>% | 1.069 | 0.0172       | 0     | 8.75 | 9.5 | 1.189 | 0.022        | 22 |
| Back side                                             | 802.11<br>a | 157/578<br>5 | 93.52<br>% | 1.069 | 0.035        | -0.06 | 8.75 | 9.5 | 1.189 | <b>0.044</b> | 22 |
| Left side                                             | 802.11<br>a | 157/578<br>5 | 93.52<br>% | 1.069 | 0.00416      | -0.01 | 8.75 | 9.5 | 1.189 | 0.005        | 22 |
| Top side                                              | 802.11<br>a | 157/578<br>5 | 93.52<br>% | 1.069 | 0.011        | 0     | 8.75 | 9.5 | 1.189 | 0.014        | 22 |
| Back side                                             | 802.11<br>a | 149/574<br>5 | 93.52<br>% | 1.069 | 0.00525      | 0     | 8.48 | 9.5 | 1.265 | 0.007        | 22 |
| Back side                                             | 802.11<br>a | 165/582<br>5 | 93.52<br>% | 1.069 | 0.0108       | -0.07 | 8.71 | 9.5 | 1.199 | 0.014        | 22 |
| Hotspot Test Data at the worst case with Battery 2#   |             |              |            |       |              |       |      |     |       |              |    |
| Back side                                             | 802.11<br>a | 157/578<br>5 | 93.52<br>% | 1.069 | 0.0143       | 0     | 8.75 | 9.5 | 1.189 | 0.018        | 22 |
| Hotspot Test Data at the worst case with Battery 3#   |             |              |            |       |              |       |      |     |       |              |    |
| Back side                                             | 802.11<br>a | 157/578<br>5 | 93.52<br>% | 1.069 | 0.00609      | -0.02 | 8.75 | 9.5 | 1.189 | 0.008        | 22 |

Table 33 : SAR of 5GHz WIFI for Head and Body

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## Note:

- 1) The maximum Scaled SAR value is marked in bold. Graph results refer to Appendix B
- 2) If the reported (scaled) SAR measured at the middle channel or highest output power channel for each test configuration is  $\leq 0.8$  W/kg then testing at the other channels is not required for such test configuration(s).
- 3) Each channel was tested at the lowest data rate.

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**8.3.18 SAR Result Of Bluetooth**

| Ant1 Test data                                        |           |                |            |                          |               |                  |                       |                     |               |                  |              |
|-------------------------------------------------------|-----------|----------------|------------|--------------------------|---------------|------------------|-----------------------|---------------------|---------------|------------------|--------------|
| Test position                                         | Test mode | Test Ch./Freq. | Duty Cycle | Duty Cycle Scaled factor | SAR (W/kg)1-g | Power drift (dB) | Conducted power (dBm) | Tune up Limit (dBm) | Scaled factor | Scaled SAR(W/kg) | Liquid Temp. |
| Head Test data                                        |           |                |            |                          |               |                  |                       |                     |               |                  |              |
| Left cheek                                            | DH5       | 39/2441        | 100.00%    | 1                        | 0.231         | 0.16             | 10.5                  | 11                  | 1.122         | 0.259            | 22           |
| Left tilted                                           | DH5       | 39/2441        | 100.00%    | 1                        | 0.248         | 0.11             | 10.5                  | 11                  | 1.122         | 0.278            | 22           |
| Right cheek                                           | DH5       | 39/2441        | 100.00%    | 1                        | 0.149         | 0.06             | 10.5                  | 11                  | 1.122         | 0.167            | 22           |
| Right tilted                                          | DH5       | 39/2441        | 100.00%    | 1                        | 0.178         | 0.11             | 10.5                  | 11                  | 1.122         | 0.200            | 22           |
| Left tilted                                           | DH5       | 0/2402         | 100.00%    | 1                        | 0.186         | 0.15             | 9.7                   | 10.5                | 1.202         | 0.224            | 22           |
| Left tilted                                           | DH5       | 78/2480        | 100.00%    | 1                        | 0.184         | 0.14             | 9.6                   | 10.5                | 1.230         | 0.226            | 22           |
| Head Test Data at the worst case with Battery 2#      |           |                |            |                          |               |                  |                       |                     |               |                  |              |
| Left tilted                                           | DH5       | 39/2441        | 100.00%    | 1                        | 0.187         | 0.19             | 10.5                  | 11                  | 1.122         | 0.210            | 22           |
| Head Test Data at the worst case with Battery 3#      |           |                |            |                          |               |                  |                       |                     |               |                  |              |
| Left tilted                                           | DH5       | 39/2441        | 100.00%    | 1                        | 0.281         | 0.19             | 10.5                  | 11                  | 1.122         | <b>0.315</b>     | 22           |
| Body worn Test data(Separate 15mm)                    |           |                |            |                          |               |                  |                       |                     |               |                  |              |
| Front side                                            | DH5       | 39/2441        | 100.00%    | 1                        | 0.0193        | -0.03            | 10.5                  | 11                  | 1.122         | 0.022            | 22           |
| Back side                                             | DH5       | 39/2441        | 100.00%    | 1                        | 0.0218        | 0.05             | 10.5                  | 11                  | 1.122         | 0.024            | 22           |
| Back side                                             | DH5       | 0/2402         | 100.00%    | 1                        | 0.0153        | -0.04            | 9.7                   | 10.5                | 1.202         | 0.018            | 22           |
| Back side                                             | DH5       | 78/2480        | 100.00%    | 1                        | 0.024         | -0.01            | 9.6                   | 10.5                | 1.230         | <b>0.030</b>     | 22           |
| Body worn Test Data at the worst case with Battery 2# |           |                |            |                          |               |                  |                       |                     |               |                  |              |
| Back side                                             | DH5       | 78/2480        | 100.00%    | 1                        | 0.021         | 0.07             | 9.6                   | 10.5                | 1.230         | 0.026            | 22           |
| Body worn Test Data at the worst case with Battery 3# |           |                |            |                          |               |                  |                       |                     |               |                  |              |
| Back side                                             | DH5       | 78/2480        | 100.00%    | 1                        | 0.0191        | -0.08            | 9.6                   | 10.5                | 1.230         | 0.023            | 22           |
| Hotspot Test data (Separate 10mm)                     |           |                |            |                          |               |                  |                       |                     |               |                  |              |
| Front side                                            | DH5       | 39/2441        | 100.00%    | 1                        | 0.0372        | -0.03            | 10.5                  | 11                  | 1.122         | 0.042            | 22           |
| Back side                                             | DH5       | 39/2441        | 100.00%    | 1                        | 0.0431        | -0.05            | 10.5                  | 11                  | 1.122         | 0.048            | 22           |
| Right side                                            | DH5       | 39/2441        | 100.00%    | 1                        | 0.0145        | -0.02            | 10.5                  | 11                  | 1.122         | 0.016            | 22           |
| Top side                                              | DH5       | 39/2441        | 100.00%    | 1                        | 0.0687        | 0.09             | 10.5                  | 11                  | 1.122         | 0.077            | 22           |
| Top side                                              | DH5       | 0/2402         | 100.00%    | 1                        | 0.0566        | 0.09             | 9.7                   | 10.5                | 1.202         | 0.068            | 22           |
| Top side                                              | DH5       | 78/2480        | 100.00%    | 1                        | 0.0659        | 0.08             | 9.6                   | 10.5                | 1.230         | 0.081            | 22           |
| Hotspot Test Data at the worst case with Battery 2#   |           |                |            |                          |               |                  |                       |                     |               |                  |              |
| Top side                                              | DH5       | 78/2480        | 100.00%    | 1                        | 0.0605        | 0.11             | 9.6                   | 10.5                | 1.230         | 0.074            | 22           |
| Hotspot Test Data at the worst case with Battery 3#   |           |                |            |                          |               |                  |                       |                     |               |                  |              |
| Top side                                              | DH5       | 78/2480        | 100.00%    | 1                        | 0.078         | 0.02             | 9.6                   | 10.5                | 1.230         | <b>0.096</b>     | 22           |

Table 34 : SAR of Bluetooth for Head

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## 8.4 Multiple Transmitter Evaluation

### 8.4.1 Simultaneous SAR test evaluation

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# 1) Simultaneous Transmission Combination

| NO. | Simultaneous TX Combination                                          | Head | Body-worn | Hotspot | Product Specific 10-g (0mm) |
|-----|----------------------------------------------------------------------|------|-----------|---------|-----------------------------|
| 1   | GSM Voice(Ant 1) + BT                                                | Yes  | Yes       | N/A     | Yes                         |
| 2   | GSM DATA(Ant 1) + BT                                                 | N/A  | Yes       | Yes     | Yes                         |
| 3   | GSM Voice(Ant 2) + BT                                                | Yes  | Yes       | N/A     | Yes                         |
| 4   | GSM DATA (Ant 2)+ BT                                                 | N/A  | Yes       | Yes     | Yes                         |
| 5   | GSM Voice(Ant 1) + Wi-Fi 2.4G (Ant 1)                                | Yes  | Yes       | N/A     | Yes                         |
| 6   | GSM DATA(Ant 1) + Wi-Fi 2.4G (Ant 1)                                 | N/A  | Yes       | Yes     | Yes                         |
| 7   | GSM Voice(Ant 2) + Wi-Fi 2.4G (Ant 1)                                | Yes  | Yes       | N/A     | Yes                         |
| 8   | GSM DATA(Ant 2) + Wi-Fi 2.4G (Ant 1)                                 | N/A  | Yes       | Yes     | Yes                         |
| 9   | UMTS (Ant 1) + BT                                                    | Yes  | Yes       | Yes     | Yes                         |
| 10  | UMTS (Ant 2) + BT                                                    | Yes  | Yes       | Yes     | Yes                         |
| 11  | UMTS (Ant 1) + Wi-Fi 2.4G (Ant 1)                                    | Yes  | Yes       | Yes     | Yes                         |
| 12  | UMTS (Ant 2) + Wi-Fi 2.4G (Ant 1)                                    | Yes  | Yes       | Yes     | Yes                         |
| 13  | LTE (Ant 1) + Wi-Fi 2.4G (Ant 1)                                     | Yes  | Yes       | Yes     | Yes                         |
| 14  | LTE(Ant 1) + BT                                                      | Yes  | Yes       | Yes     | Yes                         |
| 15  | LTE (Ant 2) + Wi-Fi 2.4G (Ant 1)                                     | Yes  | Yes       | Yes     | Yes                         |
| 16  | LTE (Ant 2) + BT                                                     | Yes  | Yes       | Yes     | Yes                         |
| 17  | GSM Voice(Ant 1) + Wi-Fi 5G (Ant 1)/ Wi-Fi 5G (Ant 2)/ Wi-Fi 5G MIMO | Yes  | Yes       | N/A     | Yes                         |
| 18  | GSM DATA(Ant 1) + Wi-Fi 5G (Ant 1)/ Wi-Fi 5G (Ant 2)/ Wi-Fi 5G MIMO  | N/A  | Yes       | Yes     | Yes                         |
| 19  | GSM Voice(Ant 2) + Wi-Fi 5G (Ant 1)/ Wi-Fi 5G (Ant 2)/ Wi-Fi 5G MIMO | Yes  | Yes       | N/A     | Yes                         |
| 20  | GSM DATA(Ant 2) + Wi-Fi 5G (Ant 1)/ Wi-Fi 5G (Ant 2)/ Wi-Fi 5G MIMO  | N/A  | Yes       | Yes     | Yes                         |
| 21  | UMTS (Ant 1) + Wi-Fi 5G (Ant 1)/ Wi-Fi 5G (Ant 2)/ Wi-Fi 5G MIMO     | Yes  | Yes       | Yes     | Yes                         |
| 22  | UMTS (Ant 2) + Wi-Fi 5G (Ant 1)/ Wi-Fi 5G (Ant 2)/ Wi-Fi 5G MIMO     | Yes  | Yes       | Yes     | Yes                         |
| 23  | LTE (Ant 1) + Wi-Fi 5G (Ant 1)/ Wi-Fi 5G (Ant 2)/ Wi-Fi 5G MIMO      | Yes  | Yes       | Yes     | Yes                         |
| 24  | LTE (Ant 2) + Wi-Fi 5G (Ant 1)/ Wi-Fi 5G (Ant 2)/ Wi-Fi 5G MIMO      | Yes  | Yes       | Yes     | Yes                         |
| 25  | GSM Voice(Ant 1) + Wi-Fi 2.4G (Ant 1) + Wi-Fi 5G (Ant 2)             | Yes  | Yes       | N/A     | Yes                         |
| 26  | GSM DATA(Ant 1) + Wi-Fi 2.4G (Ant 1) + Wi-Fi 5G (Ant 2)              | N/A  | Yes       | Yes     | Yes                         |
| 27  | GSM Voice(Ant 2) + Wi-Fi 2.4G (Ant 1) + Wi-Fi 5G (Ant 2)             | Yes  | Yes       | N/A     | Yes                         |
| 28  | GSM DATA(Ant 2) + Wi-Fi 2.4G (Ant 1) + Wi-Fi 5G (Ant 2)              | N/A  | Yes       | Yes     | Yes                         |
| 29  | UMTS (Ant 1) + Wi-Fi 2.4G (Ant 1) + Wi-Fi 5G (Ant 2)                 | Yes  | Yes       | Yes     | Yes                         |
| 30  | UMTS (Ant 2) + Wi-Fi 2.4G (Ant 1) + Wi-Fi 5G (Ant 2)                 | Yes  | Yes       | Yes     | Yes                         |
| 31  | LTE (Ant 1) + Wi-Fi 2.4G (Ant 1) + Wi-Fi 5G (Ant 2)                  | Yes  | Yes       | Yes     | Yes                         |
| 32  | LTE (Ant 2) + Wi-Fi 2.4G (Ant 1) + Wi-Fi 5G (Ant 2)                  | Yes  | Yes       | Yes     | Yes                         |
| 33  | GSM Voice(Ant 1) + BT+5G (Ant1/ Ant2/ MIMO)                          | Yes  | Yes       | N/A     | Yes                         |

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|    |                                             |     |     |     |     |
|----|---------------------------------------------|-----|-----|-----|-----|
| 34 | GSM DATA(Ant 1) + BT+5G (Ant1/ Ant2/ MIMO)  | N/A | Yes | Yes | Yes |
| 35 | GSM Voice(Ant 2) + BT+5G (Ant1/ Ant2/ MIMO) | Yes | Yes | N/A | Yes |
| 36 | GSM DATA (Ant 2)+ BT+5G (Ant1/ Ant2/ MIMO)  | N/A | Yes | Yes | Yes |
| 37 | UMTS (Ant 1) + BT+5G (Ant1/ Ant2/ MIMO)     | Yes | Yes | Yes | Yes |
| 38 | UMTS (Ant 2) + BT+5G (Ant1/ Ant2/ MIMO)     | Yes | Yes | Yes | Yes |
| 39 | LTE (Ant 1) + BT+5G (Ant1/ Ant2/ MIMO)      | Yes | Yes | Yes | Yes |
| 40 | LTE (Ant 2) + BT+5G (Ant1/ Ant2/ MIMO)      | Yes | Yes | Yes | Yes |

## Note:

- 1) Neither Wi-Fi 2.4G Ant.1 nor Wi-Fi 2.4G Ant.2 can transmit simultaneously with Bluetooth.
- 2) Wi-Fi 5G Ant.1 can transmit simultaneously with Bluetooth and Ant.2 also can transmit simultaneously with Bluetooth.
- 3) Wi-Fi 2.4G has two TX antennas. Wi-Fi 2.4G 802.11g/n support 2\*2 CDD/MIMO function.
- 4) Wi-Fi 5G has two TX antennas. Wi-Fi 5G 802.11 a/n/ac support 2\*2 CDD/MIMO function.
- 5) Wi-Fi 2.4G& Wi-Fi 5G can't work at same mode, but they can transmit simultaneously at different modes (Wi-Fi station/P-to-P) by using different Wi-Fi antennas. Only Wi-Fi 2.4G Ant1 station mode and Wi-Fi 5G Ant2 P-to-P mode or Wi-Fi 2.4G Ant1 P-to-P mode and Wi-Fi 5G Ant2 P-to-P mode can transmit simultaneously.
- 6) The device does not support DTM function.
- 7) \* VoLTE or pre-installed VOIP applications are considered.
- 8) The 2G/3G/4G Main Antenna and 2G/3G/4G Second Antenna can't transmit simultaneously.
- 9) For Wi-Fi 5G, U-NII-2A (5250-5350 MHz) and U-NII-2C (5470-5725 MHz) bands does not support hotspot function.
- 10) The device supports Vo-WIFI function.
- 11) Neither 2G/3G/4G Main Antenna nor 2G/3G/4G Second Antenna can transmit simultaneously with WIFI 2.4G ant 2.

## 2) Simultaneous Transmission SAR Summation Scenario

| WWAN Band | Exposure position | Test position | WWAN Ant.1 SAR | 2.4G WIFI1 SAR | 2.4G WIFI2 SAR | BT SAR | 1-g SAR + 1-g SAR | 1-g SAR + 1-g SAR | Case NO. |
|-----------|-------------------|---------------|----------------|----------------|----------------|--------|-------------------|-------------------|----------|
| GSM 850   | Head              | Left Cheek    | 0.256          | 0.286          | 0.460          | 0.259  | 0.542             | 0.515             | N/A      |
|           |                   | Left Tilt     | 0.165          | 0.476          | 0.613          | 0.315  | 0.641             | 0.480             | N/A      |
|           |                   | Right Cheek   | 0.376          | 0.242          | 0.680          | 0.167  | 0.618             | 0.543             | N/A      |
|           |                   | Right Tilt    | 0.149          | 0.262          | 0.926          | 0.2    | 0.411             | 0.349             | N/A      |
|           | Body-worn         | Front(voice)  | 0.325          | 0.087          | 0.062          | 0.022  | 0.412             | 0.347             | N/A      |
|           |                   | Back(voice)   | 0.499          | 0.182          | 0.082          | 0.030  | 0.681             | 0.529             | N/A      |
|           |                   | Front(data)   | 0.269          | 0.087          | 0.062          | 0.022  | 0.356             | 0.291             | N/A      |
|           |                   | Back(data)    | 0.38           | 0.182          | 0.082          | 0.030  | 0.562             | 0.410             | N/A      |
|           | Hotspot           | Front         | 0.375          | 0.157          | 0.114          | 0.042  | 0.532             | 0.417             | N/A      |
|           |                   | Back          | 0.691          | 0.271          | 0.136          | 0.048  | 0.962             | 0.739             | N/A      |
|           |                   | Left          | 0.114          | 0.000          | 0.104          | 0      | 0.114             | 0.114             | N/A      |
|           |                   | Right         | 0.492          | 0.119          | 0.000          | 0.016  | 0.611             | 0.508             | N/A      |
|           |                   | Top           | 0              | 0.760          | 0.371          | 0.096  | 0.760             | 0.096             | N/A      |
|           |                   | Bottom        | 0.349          | 0.000          | 0.000          | 0      | 0.349             | 0.349             | N/A      |
|           | Exposure position | Test position | WWAN Ant.2 SAR | 2.4G WIFI1 SAR | 2.4G WIFI2 SAR | BT SAR | 1-g SAR + 1-g SAR | 1-g SAR + 1-g SAR | Case NO. |
|           | Head              | Left Cheek    | 0.725          | 0.286          | 0.460          | 0.259  | 1.011             | 0.984             | N/A      |
|           |                   | Left Tilt     | 0.601          | 0.476          | 0.613          | 0.315  | 1.077             | 0.916             | N/A      |
|           |                   | Right Cheek   | 0.687          | 0.242          | 0.680          | 0.167  | 0.929             | 0.854             | N/A      |
|           |                   | Right Tilt    | 0.618          | 0.262          | 0.926          | 0.2    | 0.880             | 0.818             | N/A      |
|           | Body-worn         | Front(voice)  | 0.118          | 0.087          | 0.062          | 0.022  | 0.205             | 0.140             | N/A      |
|           |                   | Back(voice)   | 0.116          | 0.182          | 0.082          | 0.030  | 0.298             | 0.146             | N/A      |
|           |                   | Front(data)   | 0.447          | 0.087          | 0.062          | 0.022  | 0.534             | 0.469             | N/A      |
|           |                   | Back(data)    | 0.420          | 0.182          | 0.082          | 0.030  | 0.602             | 0.450             | N/A      |
|           | Hotspot           | Front         | 0.381          | 0.157          | 0.114          | 0.042  | 0.538             | 0.423             | N/A      |
|           |                   | Back          | 0.425          | 0.271          | 0.136          | 0.048  | 0.696             | 0.473             | N/A      |
|           |                   | Left          | 0.171          | 0.000          | 0.104          | 0      | 0.171             | 0.171             | N/A      |
|           |                   | Right         | 0.036          | 0.119          | 0.000          | 0.016  | 0.155             | 0.052             | N/A      |
|           |                   | Top           | 0.304          | 0.760          | 0.371          | 0.096  | 1.064             | 0.400             | N/A      |
|           |                   | Bottom        | 0              | 0.000          | 0.000          | 0      | 0.000             | 0.000             | N/A      |

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| WWAN Band | Exposure position | Test position | □ WWAN Ant.1 SAR | □ 2.4G WIFI1 SAR | □ 2.4G WIFI2 SAR | □ BT SAR | □ 1-g SAR □ + □ | □ 1-g SAR □ + □ | Case NO. |
|-----------|-------------------|---------------|------------------|------------------|------------------|----------|-----------------|-----------------|----------|
| GSM 1900  | Head              | Left Cheek    | 0.15             | 0.286            | 0.460            | 0.259    | 0.436           | 0.409           | N/A      |
|           |                   | Left Tilt     | 0.031            | 0.476            | 0.613            | 0.315    | 0.507           | 0.346           | N/A      |
|           |                   | Right Cheek   | 0.064            | 0.242            | 0.680            | 0.167    | 0.306           | 0.231           | N/A      |
|           |                   | Right Tilt    | 0.042            | 0.262            | 0.926            | 0.2      | 0.304           | 0.242           | N/A      |
|           | Body-worn         | Front(voice)  | 0.271            | 0.087            | 0.062            | 0.022    | 0.358           | 0.293           | N/A      |
|           |                   | Back(voice)   | 0.28             | 0.182            | 0.082            | 0.030    | 0.462           | 0.310           | N/A      |
|           |                   | Front(data)   | 0.304            | 0.087            | 0.062            | 0.022    | 0.391           | 0.326           | N/A      |
|           |                   | Back(data)    | 0.511            | 0.182            | 0.082            | 0.030    | 0.693           | 0.541           | N/A      |
|           | Hotspot           | Front         | 0.222            | 0.157            | 0.114            | 0.042    | 0.379           | 0.264           | N/A      |
|           |                   | Back          | 0.242            | 0.271            | 0.136            | 0.048    | 0.513           | 0.290           | N/A      |
|           |                   | Left          | 0.067            | 0.000            | 0.104            | 0        | 0.067           | 0.067           | N/A      |
|           |                   | Right         | 0.021            | 0.119            | 0.000            | 0.016    | 0.140           | 0.037           | N/A      |
|           |                   | Top           | 0                | 0.760            | 0.371            | 0.096    | 0.760           | 0.096           | N/A      |
|           |                   | Bottom        | 0.667            | 0.000            | 0.000            | 0        | 0.667           | 0.667           | N/A      |
|           | Exposure position | Test position | □ WWAN Ant.2 SAR | □ 2.4G WIFI1 SAR | □ 2.4G WIFI2 SAR | □ BT SAR | □ 1-g SAR □ + □ | □ 1-g SAR □ + □ | Case NO. |
|           | Head              | Left Cheek    | 0.334            | 0.286            | 0.460            | 0.259    | 0.620           | 0.593           | N/A      |
|           |                   | Left Tilt     | 0.438            | 0.476            | 0.613            | 0.315    | 0.914           | 0.753           | N/A      |
|           |                   | Right Cheek   | 0.735            | 0.242            | 0.680            | 0.167    | 0.977           | 0.902           | N/A      |
|           |                   | Right Tilt    | 0.529            | 0.262            | 0.926            | 0.2      | 0.791           | 0.729           | N/A      |
|           | Body-worn         | Front(voice)  | 0.067            | 0.087            | 0.062            | 0.022    | 0.154           | 0.089           | N/A      |
|           |                   | Back(voice)   | 0.071            | 0.182            | 0.082            | 0.030    | 0.253           | 0.101           | N/A      |
|           |                   | Front(data)   | 0.248            | 0.087            | 0.062            | 0.022    | 0.335           | 0.270           | N/A      |
|           |                   | Back(data)    | 0.339            | 0.182            | 0.082            | 0.030    | 0.521           | 0.369           | N/A      |
|           | Hotspot           | Front         | 0.203            | 0.157            | 0.114            | 0.042    | 0.360           | 0.245           | N/A      |
|           |                   | Back          | 0.216            | 0.271            | 0.136            | 0.048    | 0.487           | 0.264           | N/A      |
|           |                   | Left          | 0.230            | 0.000            | 0.104            | 0        | 0.230           | 0.230           | N/A      |
|           |                   | Right         | 0.045            | 0.119            | 0.000            | 0.016    | 0.164           | 0.061           | N/A      |
|           |                   | Top           | 0.336            | 0.760            | 0.371            | 0.096    | 1.096           | 0.432           | N/A      |
|           |                   | Bottom        | 0.000            | 0.000            | 0.000            | 0        | 0.000           | 0.000           | N/A      |

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| WWAN Band | Exposure position | Test position | □<br>WWAN Ant.1<br>SAR | □<br>2.4G WIFI1<br>SAR | □<br>2.4G WIFI2<br>SAR | □<br>BT SAR | □ 1-g<br>SAR<br>□ + □ | □ 1-g<br>SAR<br>□ + □ | Case NO. |
|-----------|-------------------|---------------|------------------------|------------------------|------------------------|-------------|-----------------------|-----------------------|----------|
| WCDMA B2  | Head              | Left Cheek    | 0.255                  | 0.286                  | 0.460                  | 0.259       | 0.541                 | 0.514                 | N/A      |
|           |                   | Left Tilt     | 0.058                  | 0.476                  | 0.613                  | 0.315       | 0.534                 | 0.373                 | N/A      |
|           |                   | Right Cheek   | 0.124                  | 0.242                  | 0.680                  | 0.167       | 0.366                 | 0.291                 | N/A      |
|           |                   | Right Tilt    | 0.084                  | 0.262                  | 0.926                  | 0.2         | 0.346                 | 0.284                 | N/A      |
|           | Body-worn         | Front         | 0.522                  | 0.087                  | 0.062                  | 0.022       | 0.609                 | 0.544                 | N/A      |
|           |                   | Back          | 0.723                  | 0.182                  | 0.082                  | 0.030       | 0.905                 | 0.753                 | N/A      |
|           | Hotspot           | Front         | 0.296                  | 0.157                  | 0.114                  | 0.042       | 0.453                 | 0.338                 | N/A      |
|           |                   | Back          | 0.31                   | 0.271                  | 0.136                  | 0.048       | 0.581                 | 0.358                 | N/A      |
|           |                   | Left          | 0.091                  | 0.000                  | 0.104                  | 0           | 0.091                 | 0.091                 | N/A      |
|           |                   | Right         | 0.026                  | 0.119                  | 0.000                  | 0.016       | 0.145                 | 0.042                 | N/A      |
|           |                   | Top           | 0                      | 0.760                  | 0.371                  | 0.096       | 0.760                 | 0.096                 | N/A      |
|           |                   | Bottom        | 0.699                  | 0.000                  | 0.000                  | 0           | 0.699                 | 0.699                 | N/A      |
|           | Exposure position | Test position | □<br>WWAN Ant.2<br>SAR | □<br>2.4G WIFI1<br>SAR | □<br>2.4G WIFI2<br>SAR | □<br>BT SAR | □ 1-g<br>SAR<br>□ + □ | □ 1-g<br>SAR<br>□ + □ | Case NO. |
|           | Head              | Left Cheek    | 0.427                  | 0.286                  | 0.460                  | 0.259       | 0.713                 | 0.686                 | N/A      |
|           |                   | Left Tilt     | 0.514                  | 0.476                  | 0.613                  | 0.315       | 0.990                 | 0.829                 | N/A      |
|           |                   | Right Cheek   | 0.667                  | 0.242                  | 0.680                  | 0.167       | 0.909                 | 0.834                 | N/A      |
|           |                   | Right Tilt    | 0.457                  | 0.262                  | 0.926                  | 0.2         | 0.719                 | 0.657                 | N/A      |
|           | Body-worn         | Front         | 0.223                  | 0.087                  | 0.062                  | 0.022       | 0.310                 | 0.245                 | N/A      |
|           |                   | Back          | 0.265                  | 0.182                  | 0.082                  | 0.030       | 0.447                 | 0.295                 | N/A      |
|           | Hotspot           | Front         | 0.143                  | 0.157                  | 0.114                  | 0.042       | 0.300                 | 0.185                 | N/A      |
|           |                   | Back          | 0.186                  | 0.271                  | 0.136                  | 0.048       | 0.457                 | 0.234                 | N/A      |
|           |                   | Left          | 0.203                  | 0.000                  | 0.104                  | 0           | 0.203                 | 0.203                 | N/A      |
|           |                   | Right         | 0.038                  | 0.119                  | 0.000                  | 0.016       | 0.157                 | 0.054                 | N/A      |
|           |                   | Top           | 0.296                  | 0.760                  | 0.371                  | 0.096       | 1.056                 | 0.392                 | N/A      |
|           |                   | Bottom        | 0.000                  | 0.000                  | 0.000                  | 0           | 0.000                 | 0.000                 | N/A      |

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| WWAN Band | Exposure position | Test position | □ WWAN Ant.1 SAR | □ 2.4G WIFI1 SAR | □ 2.4G WIFI2 SAR | □ BT SAR | □ 1-g SAR □ + □ | □ 1-g SAR □ + □ | Case NO. |
|-----------|-------------------|---------------|------------------|------------------|------------------|----------|-----------------|-----------------|----------|
| WCDMA B4  | Head              | Left Cheek    | 0.144            | 0.286            | 0.460            | 0.259    | 0.430           | 0.403           | N/A      |
|           |                   | Left Tilt     | 0.04             | 0.476            | 0.613            | 0.315    | 0.516           | 0.355           | N/A      |
|           |                   | Right Cheek   | 0.102            | 0.242            | 0.680            | 0.167    | 0.344           | 0.269           | N/A      |
|           |                   | Right Tilt    | 0.069            | 0.262            | 0.926            | 0.2      | 0.331           | 0.269           | N/A      |
|           | Body-worn         | Front         | 0.537            | 0.087            | 0.062            | 0.022    | 0.624           | 0.559           | N/A      |
|           |                   | Back          | 0.383            | 0.182            | 0.082            | 0.030    | 0.565           | 0.413           | N/A      |
|           | Hotspot           | Front         | 0.335            | 0.157            | 0.114            | 0.042    | 0.492           | 0.377           | N/A      |
|           |                   | Back          | 0.292            | 0.271            | 0.136            | 0.048    | 0.563           | 0.340           | N/A      |
|           |                   | Left          | 0.073            | 0.000            | 0.104            | 0        | 0.073           | 0.073           | N/A      |
|           |                   | Right         | 0.024            | 0.119            | 0.000            | 0.016    | 0.143           | 0.040           | N/A      |
|           |                   | Top           | 0                | 0.760            | 0.371            | 0.096    | 0.760           | 0.096           | N/A      |
|           |                   | Bottom        | 0.811            | 0.000            | 0.000            | 0        | 0.811           | 0.811           | N/A      |
|           | Exposure position | Test position | □ WWAN Ant.2 SAR | □ 2.4G WIFI1 SAR | □ 2.4G WIFI2 SAR | □ BT SAR | □ 1-g SAR □ + □ | □ 1-g SAR □ + □ | Case NO. |
|           | Head              | Left Cheek    | 0.310            | 0.286            | 0.460            | 0.259    | 0.596           | 0.569           | N/A      |
|           |                   | Left Tilt     | 0.433            | 0.476            | 0.613            | 0.315    | 0.909           | 0.748           | N/A      |
|           |                   | Right Cheek   | 0.567            | 0.242            | 0.680            | 0.167    | 0.809           | 0.734           | N/A      |
|           |                   | Right Tilt    | 0.461            | 0.262            | 0.926            | 0.2      | 0.723           | 0.661           | N/A      |
|           | Body-worn         | Front         | 0.147            | 0.087            | 0.062            | 0.022    | 0.234           | 0.169           | N/A      |
|           |                   | Back          | 0.190            | 0.182            | 0.082            | 0.030    | 0.372           | 0.220           | N/A      |
|           | Hotspot           | Front         | 0.112            | 0.157            | 0.114            | 0.042    | 0.269           | 0.154           | N/A      |
|           |                   | Back          | 0.142            | 0.271            | 0.136            | 0.048    | 0.413           | 0.190           | N/A      |
|           |                   | Left          | 0.125            | 0.000            | 0.104            | 0        | 0.125           | 0.125           | N/A      |
|           |                   | Right         | 0.011            | 0.119            | 0.000            | 0.016    | 0.130           | 0.027           | N/A      |
|           |                   | Top           | 0.196            | 0.760            | 0.371            | 0.096    | 0.956           | 0.292           | N/A      |
|           |                   | Bottom        | 0.000            | 0.000            | 0.000            | 0        | 0.000           | 0.000           | N/A      |

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| WWAN Band | Exposure position | Test position | □ WWAN Ant.1 SAR | □ 2.4G WIFI1 SAR | □ 2.4G WIFI2 SAR | □ BT SAR | □ 1-g SAR □ + □ | □ 1-g SAR □ + □ | Case NO. |
|-----------|-------------------|---------------|------------------|------------------|------------------|----------|-----------------|-----------------|----------|
| WCDMA B5  | Head              | Left Cheek    | 0.188            | 0.286            | 0.460            | 0.259    | 0.474           | 0.447           | N/A      |
|           |                   | Left Tilt     | 0.116            | 0.476            | 0.613            | 0.315    | 0.592           | 0.431           | N/A      |
|           |                   | Right Cheek   | 0.321            | 0.242            | 0.680            | 0.167    | 0.563           | 0.488           | N/A      |
|           |                   | Right Tilt    | 0.109            | 0.262            | 0.926            | 0.2      | 0.371           | 0.309           | N/A      |
|           | Body-worn         | Front         | 0.245            | 0.087            | 0.062            | 0.022    | 0.332           | 0.267           | N/A      |
|           |                   | Back          | 0.382            | 0.182            | 0.082            | 0.030    | 0.564           | 0.412           | N/A      |
|           | Hotspot           | Front         | 0.364            | 0.157            | 0.114            | 0.042    | 0.521           | 0.406           | N/A      |
|           |                   | Back          | 0.563            | 0.271            | 0.136            | 0.048    | 0.834           | 0.611           | N/A      |
|           |                   | Left          | 0.142            | 0.000            | 0.104            | 0        | 0.142           | 0.142           | N/A      |
|           |                   | Right         | 0.451            | 0.119            | 0.000            | 0.016    | 0.570           | 0.467           | N/A      |
|           |                   | Top           | 0                | 0.760            | 0.371            | 0.096    | 0.760           | 0.096           | N/A      |
|           |                   | Bottom        | 0.327            | 0.000            | 0.000            | 0        | 0.327           | 0.327           | N/A      |
|           | Exposure position | Test position | □ WWAN Ant.2 SAR | □ 2.4G WIFI1 SAR | □ 2.4G WIFI2 SAR | □ BT SAR | □ 1-g SAR □ + □ | □ 1-g SAR □ + □ | Case NO. |
|           | Head              | Left Cheek    | 0.795            | 0.286            | 0.460            | 0.259    | 1.081           | 1.054           | N/A      |
|           |                   | Left Tilt     | 0.612            | 0.476            | 0.613            | 0.315    | 1.088           | 0.927           | N/A      |
|           |                   | Right Cheek   | 0.660            | 0.242            | 0.680            | 0.167    | 0.902           | 0.827           | N/A      |
|           |                   | Right Tilt    | 0.577            | 0.262            | 0.926            | 0.2      | 0.839           | 0.777           | N/A      |
|           | Body-worn         | Front         | 0.332            | 0.087            | 0.062            | 0.022    | 0.419           | 0.354           | N/A      |
|           |                   | Back          | 0.289            | 0.182            | 0.082            | 0.030    | 0.471           | 0.319           | N/A      |
|           | Hotspot           | Front         | 0.276            | 0.157            | 0.114            | 0.042    | 0.433           | 0.318           | N/A      |
|           |                   | Back          | 0.251            | 0.271            | 0.136            | 0.048    | 0.522           | 0.299           | N/A      |
|           |                   | Left          | 0.116            | 0.000            | 0.104            | 0        | 0.116           | 0.116           | N/A      |
|           |                   | Right         | 0.022            | 0.119            | 0.000            | 0.016    | 0.141           | 0.038           | N/A      |
|           |                   | Top           | 0.193            | 0.760            | 0.371            | 0.096    | 0.953           | 0.289           | N/A      |
|           |                   | Bottom        | 0.000            | 0.000            | 0.000            | 0        | 0.000           | 0.000           | N/A      |

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| WWAN Band | Exposure position | Test position | □ WWAN Ant.1 SAR | □ 2.4G WIFI1 SAR | □ 2.4G WIFI2 SAR | □ BT SAR | □ 1-g SAR □ + □ | □ 1-g SAR □ + □ | Case NO. |
|-----------|-------------------|---------------|------------------|------------------|------------------|----------|-----------------|-----------------|----------|
| LTE B2    | Head              | Left Cheek    | 0.199            | 0.286            | 0.460            | 0.259    | 0.485           | 0.458           | N/A      |
|           |                   | Left Tilt     | 0.066            | 0.476            | 0.613            | 0.315    | 0.542           | 0.381           | N/A      |
|           |                   | Right Cheek   | 0.118            | 0.242            | 0.680            | 0.167    | 0.360           | 0.285           | N/A      |
|           |                   | Right Tilt    | 0.095            | 0.262            | 0.926            | 0.2      | 0.357           | 0.295           | N/A      |
|           | Body-worn         | Front         | 0.608            | 0.087            | 0.062            | 0.022    | 0.695           | 0.630           | N/A      |
|           |                   | Back          | 0.46             | 0.182            | 0.082            | 0.030    | 0.642           | 0.490           | N/A      |
|           | Hotspot           | Front         | 0.293            | 0.157            | 0.114            | 0.042    | 0.450           | 0.335           | N/A      |
|           |                   | Back          | 0.307            | 0.271            | 0.136            | 0.048    | 0.578           | 0.355           | N/A      |
|           |                   | Left          | 0.091            | 0.000            | 0.104            | 0        | 0.091           | 0.091           | N/A      |
|           |                   | Right         | 0.024            | 0.119            | 0.000            | 0.016    | 0.143           | 0.040           | N/A      |
|           |                   | Top           | 0                | 0.760            | 0.371            | 0.096    | 0.760           | 0.096           | N/A      |
|           |                   | Bottom        | 0.743            | 0.000            | 0.000            | 0        | 0.743           | 0.743           | N/A      |
|           | Exposure position | Test position | □ WWAN Ant.2 SAR | □ 2.4G WIFI1 SAR | □ 2.4G WIFI2 SAR | □ BT SAR | □ 1-g SAR □ + □ | □ 1-g SAR □ + □ | Case NO. |
|           | Head              | Left Cheek    | 0.343            | 0.286            | 0.460            | 0.259    | 0.629           | 0.602           | N/A      |
|           |                   | Left Tilt     | 0.557            | 0.476            | 0.613            | 0.315    | 1.033           | 0.872           | N/A      |
|           |                   | Right Cheek   | 0.437            | 0.242            | 0.680            | 0.167    | 0.679           | 0.604           | N/A      |
|           |                   | Right Tilt    | 0.380            | 0.262            | 0.926            | 0.2      | 0.642           | 0.580           | N/A      |
|           | Body-worn         | Front         | 0.203            | 0.087            | 0.062            | 0.022    | 0.290           | 0.225           | N/A      |
|           |                   | Back          | 0.285            | 0.182            | 0.082            | 0.030    | 0.467           | 0.315           | N/A      |
|           | Hotspot           | Front         | 0.163            | 0.157            | 0.114            | 0.042    | 0.320           | 0.205           | N/A      |
|           |                   | Back          | 0.202            | 0.271            | 0.136            | 0.048    | 0.473           | 0.250           | N/A      |
|           |                   | Left          | 0.192            | 0.000            | 0.104            | 0        | 0.192           | 0.192           | N/A      |
|           |                   | Right         | 0.033            | 0.119            | 0.000            | 0.016    | 0.152           | 0.049           | N/A      |
|           |                   | Top           | 0.310            | 0.760            | 0.371            | 0.096    | 1.070           | 0.406           | N/A      |
|           |                   | Bottom        | 0.000            | 0.000            | 0.000            | 0        | 0.000           | 0.000           | N/A      |



| WWAN Band | Exposure position | Test position | □<br>WWAN Ant.1 SAR | □<br>2.4G WIFI1 SAR | □<br>2.4G WIFI2 SAR | □<br>BT SAR | □ 1-g SAR<br>□ + □ | □ 1-g SAR<br>□ + □ | Case NO. |
|-----------|-------------------|---------------|---------------------|---------------------|---------------------|-------------|--------------------|--------------------|----------|
| LTE B4    | Head              | Left Cheek    | 0.128               | 0.286               | 0.460               | 0.259       | 0.414              | 0.387              | N/A      |
|           |                   | Left Tilt     | 0.057               | 0.476               | 0.613               | 0.315       | 0.533              | 0.372              | N/A      |
|           |                   | Right Cheek   | 0.067               | 0.242               | 0.680               | 0.167       | 0.309              | 0.234              | N/A      |
|           |                   | Right Tilt    | 0.049               | 0.262               | 0.926               | 0.2         | 0.311              | 0.249              | N/A      |
|           | Body-worn         | Front         | 0.426               | 0.087               | 0.062               | 0.022       | 0.513              | 0.448              | N/A      |
|           |                   | Back          | 0.278               | 0.182               | 0.082               | 0.030       | 0.460              | 0.308              | N/A      |
|           | Hotspot           | Front         | 0.248               | 0.157               | 0.114               | 0.042       | 0.405              | 0.290              | N/A      |
|           |                   | Back          | 0.222               | 0.271               | 0.136               | 0.048       | 0.493              | 0.270              | N/A      |
|           |                   | Left          | 0.05                | 0.000               | 0.104               | 0           | 0.050              | 0.050              | N/A      |
|           |                   | Right         | 0.017               | 0.119               | 0.000               | 0.016       | 0.136              | 0.033              | N/A      |
|           |                   | Top           | 0                   | 0.760               | 0.371               | 0.096       | 0.760              | 0.096              | N/A      |
|           |                   | Bottom        | 0.706               | 0.000               | 0.000               | 0           | 0.706              | 0.706              | N/A      |
|           | Exposure position | Test position | □<br>WWAN Ant.2 SAR | □<br>2.4G WIFI1 SAR | □<br>2.4G WIFI2 SAR | □<br>BT SAR | □ 1-g SAR<br>□ + □ | □ 1-g SAR<br>□ + □ | Case NO. |
|           | Head              | Left Cheek    | 0.316               | 0.286               | 0.460               | 0.259       | 0.602              | 0.575              | N/A      |
|           |                   | Left Tilt     | 0.478               | 0.476               | 0.613               | 0.315       | 0.954              | 0.793              | N/A      |
|           |                   | Right Cheek   | 0.364               | 0.242               | 0.680               | 0.167       | 0.606              | 0.531              | N/A      |
|           |                   | Right Tilt    | 0.319               | 0.262               | 0.926               | 0.2         | 0.581              | 0.519              | N/A      |
|           | Body-worn         | Front         | 0.117               | 0.087               | 0.062               | 0.022       | 0.204              | 0.139              | N/A      |
|           |                   | Back          | 0.180               | 0.182               | 0.082               | 0.030       | 0.362              | 0.210              | N/A      |
|           | Hotspot           | Front         | 0.075               | 0.157               | 0.114               | 0.042       | 0.232              | 0.117              | N/A      |
|           |                   | Back          | 0.110               | 0.271               | 0.136               | 0.048       | 0.381              | 0.158              | N/A      |
|           |                   | Left          | 0.104               | 0.000               | 0.104               | 0           | 0.104              | 0.104              | N/A      |
|           |                   | Right         | 0.007               | 0.119               | 0.000               | 0.016       | 0.126              | 0.023              | N/A      |
|           |                   | Top           | 0.158               | 0.760               | 0.371               | 0.096       | 0.918              | 0.254              | N/A      |
|           |                   | Bottom        | 0.000               | 0.000               | 0.000               | 0           | 0.000              | 0.000              | N/A      |



| WWAN Band | Exposure position | Test position | □ WWAN Ant.1 SAR | □ 2.4G WIFI1 SAR | □ 2.4G WIFI2 SAR | □ BT SAR | □ 1-g SAR □ + □ | □ 1-g SAR □ + □ | Case NO. |
|-----------|-------------------|---------------|------------------|------------------|------------------|----------|-----------------|-----------------|----------|
| LTE B5    | Head              | Left Cheek    | 0.138            | 0.286            | 0.460            | 0.259    | 0.424           | 0.397           | N/A      |
|           |                   | Left Tilt     | 0.104            | 0.476            | 0.613            | 0.315    | 0.580           | 0.419           | N/A      |
|           |                   | Right Cheek   | 0.278            | 0.242            | 0.680            | 0.167    | 0.520           | 0.445           | N/A      |
|           |                   | Right Tilt    | 0.091            | 0.262            | 0.926            | 0.2      | 0.353           | 0.291           | N/A      |
|           | Body-worn         | Front         | 0.25             | 0.087            | 0.062            | 0.022    | 0.337           | 0.272           | N/A      |
|           |                   | Back          | 0.363            | 0.182            | 0.082            | 0.030    | 0.545           | 0.393           | N/A      |
|           | Hotspot           | Front         | 0.364            | 0.157            | 0.114            | 0.042    | 0.521           | 0.406           | N/A      |
|           |                   | Back          | 0.549            | 0.271            | 0.136            | 0.048    | 0.820           | 0.597           | N/A      |
|           |                   | Left          | 0.137            | 0.000            | 0.104            | 0        | 0.137           | 0.137           | N/A      |
|           |                   | Right         | 0.397            | 0.119            | 0.000            | 0.016    | 0.516           | 0.413           | N/A      |
|           |                   | Top           | 0                | 0.760            | 0.371            | 0.096    | 0.760           | 0.096           | N/A      |
|           |                   | Bottom        | 0.276            | 0.000            | 0.000            | 0        | 0.276           | 0.276           | N/A      |
|           | Exposure position | Test position | □ WWAN Ant.2 SAR | □ 2.4G WIFI1 SAR | □ 2.4G WIFI2 SAR | □ BT SAR | □ 1-g SAR □ + □ | □ 1-g SAR □ + □ | Case NO. |
|           | Head              | Left Cheek    | 0.711            | 0.286            | 0.460            | 0.259    | 0.997           | 0.970           | N/A      |
|           |                   | Left Tilt     | 0.542            | 0.476            | 0.613            | 0.315    | 1.018           | 0.857           | N/A      |
|           |                   | Right Cheek   | 0.706            | 0.242            | 0.680            | 0.167    | 0.948           | 0.873           | N/A      |
|           |                   | Right Tilt    | 0.601            | 0.262            | 0.926            | 0.2      | 0.863           | 0.801           | N/A      |
|           | Body-worn         | Front         | 0.317            | 0.087            | 0.062            | 0.022    | 0.404           | 0.339           | N/A      |
|           |                   | Back          | 0.263            | 0.182            | 0.082            | 0.030    | 0.445           | 0.293           | N/A      |
|           | Hotspot           | Front         | 0.283            | 0.157            | 0.114            | 0.042    | 0.440           | 0.325           | N/A      |
|           |                   | Back          | 0.294            | 0.271            | 0.136            | 0.048    | 0.565           | 0.342           | N/A      |
|           |                   | Left          | 0.114            | 0.000            | 0.104            | 0        | 0.114           | 0.114           | N/A      |
|           |                   | Right         | 0.026            | 0.119            | 0.000            | 0.016    | 0.145           | 0.042           | N/A      |
|           |                   | Top           | 0.194            | 0.760            | 0.371            | 0.096    | 0.954           | 0.290           | N/A      |
|           |                   | Bottom        | 0.000            | 0.000            | 0.000            | 0        | 0.000           | 0.000           | N/A      |

| WWAN Band | Exposure position | Test position | WWAN Ant.1 SAR | 2.4G WIFI1 SAR | 2.4G WIFI2 SAR | BT SAR | 1-g SAR + 1-g SAR | 1-g SAR + 1-g SAR | Case NO. |
|-----------|-------------------|---------------|----------------|----------------|----------------|--------|-------------------|-------------------|----------|
| LTE B7    | Head              | Left Cheek    | 0.068          | 0.286          | 0.460          | 0.259  | 0.354             | 0.327             | N/A      |
|           |                   | Left Tilt     | 0.124          | 0.476          | 0.613          | 0.315  | 0.600             | 0.439             | N/A      |
|           |                   | Right Cheek   | 0.105          | 0.242          | 0.680          | 0.167  | 0.347             | 0.272             | N/A      |
|           |                   | Right Tilt    | 0.096          | 0.262          | 0.926          | 0.2    | 0.358             | 0.296             | N/A      |
|           | Body-worn         | Front         | 0.418          | 0.087          | 0.062          | 0.022  | 0.505             | 0.440             | N/A      |
|           |                   | Back          | 0.365          | 0.182          | 0.082          | 0.030  | 0.547             | 0.395             | N/A      |
|           | Hotspot           | Front         | 0.386          | 0.157          | 0.114          | 0.042  | 0.543             | 0.428             | N/A      |
|           |                   | Back          | 0.49           | 0.271          | 0.136          | 0.048  | 0.761             | 0.538             | N/A      |
|           |                   | Left          | 0.151          | 0.000          | 0.104          | 0      | 0.151             | 0.151             | N/A      |
|           |                   | Right         | 0.309          | 0.119          | 0.000          | 0.016  | 0.428             | 0.325             | N/A      |
|           |                   | Top           | 0              | 0.760          | 0.371          | 0.096  | 0.760             | 0.096             | N/A      |
|           |                   | Bottom        | 0.921          | 0.000          | 0.000          | 0      | 0.921             | 0.921             | N/A      |
|           | Exposure position | Test position | WWAN Ant.2 SAR | 2.4G WIFI1 SAR | 2.4G WIFI2 SAR | BT SAR | 1-g SAR + 1-g SAR | 1-g SAR + 1-g SAR | Case NO. |
|           | Head              | Left Cheek    | 0.470          | 0.286          | 0.460          | 0.259  | 0.756             | 0.729             | N/A      |
|           |                   | Left Tilt     | 0.620          | 0.476          | 0.613          | 0.315  | 1.096             | 0.935             | N/A      |
|           |                   | Right Cheek   | 0.562          | 0.242          | 0.680          | 0.167  | 0.804             | 0.729             | N/A      |
|           |                   | Right Tilt    | 0.985          | 0.262          | 0.926          | 0.2    | 1.247             | 1.185             | N/A      |
|           | Body-worn         | Front         | 0.118          | 0.087          | 0.062          | 0.022  | 0.205             | 0.140             | N/A      |
|           |                   | Back          | 0.207          | 0.182          | 0.082          | 0.030  | 0.389             | 0.237             | N/A      |
|           | Hotspot           | Front         | 0.102          | 0.157          | 0.114          | 0.042  | 0.259             | 0.144             | N/A      |
|           |                   | Back          | 0.151          | 0.271          | 0.136          | 0.048  | 0.422             | 0.199             | N/A      |
|           |                   | Left          | 0.097          | 0.000          | 0.104          | 0      | 0.097             | 0.097             | N/A      |
|           |                   | Right         | 0.015          | 0.119          | 0.000          | 0.016  | 0.134             | 0.031             | N/A      |
|           |                   | Top           | 0.497          | 0.760          | 0.371          | 0.096  | 1.257             | 0.593             | N/A      |
|           |                   | Bottom        | 0.000          | 0.000          | 0.000          | 0      | 0.000             | 0.000             | N/A      |

| WWAN Band | Exposure position | Test position | □<br>WWAN Ant.1 SAR | □<br>2.4G WIFI1 SAR | □<br>2.4G WIFI2 SAR | □<br>BT SAR | □ 1-g SAR<br>□ + □ | □ 1-g SAR<br>□ + □ | Case NO. |
|-----------|-------------------|---------------|---------------------|---------------------|---------------------|-------------|--------------------|--------------------|----------|
| LTE B12   | Head              | Left Cheek    | 0.125               | 0.286               | 0.460               | 0.259       | 0.411              | 0.384              | N/A      |
|           |                   | Left Tilt     | 0.104               | 0.476               | 0.613               | 0.315       | 0.580              | 0.419              | N/A      |
|           |                   | Right Cheek   | 0.194               | 0.242               | 0.680               | 0.167       | 0.436              | 0.361              | N/A      |
|           |                   | Right Tilt    | 0.1                 | 0.262               | 0.926               | 0.2         | 0.362              | 0.300              | N/A      |
|           | Body-worn         | Front         | 0.25                | 0.087               | 0.062               | 0.022       | 0.337              | 0.272              | N/A      |
|           |                   | Back          | 0.33                | 0.182               | 0.082               | 0.030       | 0.512              | 0.360              | N/A      |
|           | Hotspot           | Front         | 0.345               | 0.157               | 0.114               | 0.042       | 0.502              | 0.387              | N/A      |
|           |                   | Back          | 0.423               | 0.271               | 0.136               | 0.048       | 0.694              | 0.471              | N/A      |
|           |                   | Left          | 0.401               | 0.000               | 0.104               | 0           | 0.401              | 0.401              | N/A      |
|           |                   | Right         | 0.442               | 0.119               | 0.000               | 0.016       | 0.561              | 0.458              | N/A      |
|           |                   | Top           | 0                   | 0.760               | 0.371               | 0.096       | 0.760              | 0.096              | N/A      |
|           |                   | Bottom        | 0.223               | 0.000               | 0.000               | 0           | 0.223              | 0.223              | N/A      |
|           | Exposure position | Test position | □<br>WWAN Ant.2 SAR | □<br>2.4G WIFI1 SAR | □<br>2.4G WIFI2 SAR | □<br>BT SAR | □ 1-g SAR<br>□ + □ | □ 1-g SAR<br>□ + □ | Case NO. |
|           | Head              | Left Cheek    | 0.757               | 0.286               | 0.460               | 0.259       | 1.043              | 1.016              | N/A      |
|           |                   | Left Tilt     | 0.621               | 0.476               | 0.613               | 0.315       | 1.097              | 0.936              | N/A      |
|           |                   | Right Cheek   | 0.661               | 0.242               | 0.680               | 0.167       | 0.903              | 0.828              | N/A      |
|           |                   | Right Tilt    | 0.657               | 0.262               | 0.926               | 0.2         | 0.919              | 0.857              | N/A      |
|           | Body-worn         | Front         | 0.221               | 0.087               | 0.062               | 0.022       | 0.308              | 0.243              | N/A      |
|           |                   | Back          | 0.184               | 0.182               | 0.082               | 0.030       | 0.366              | 0.214              | N/A      |
|           | Hotspot           | Front         | 0.211               | 0.157               | 0.114               | 0.042       | 0.368              | 0.253              | N/A      |
|           |                   | Back          | 0.209               | 0.271               | 0.136               | 0.048       | 0.480              | 0.257              | N/A      |
|           |                   | Left          | 0.079               | 0.000               | 0.104               | 0           | 0.079              | 0.079              | N/A      |
|           |                   | Right         | 0.018               | 0.119               | 0.000               | 0.016       | 0.137              | 0.034              | N/A      |
|           |                   | Top           | 0.177               | 0.760               | 0.371               | 0.096       | 0.937              | 0.273              | N/A      |
|           |                   | Bottom        | 0.000               | 0.000               | 0.000               | 0           | 0.000              | 0.000              | N/A      |

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| WWAN Band | Exposure position | Test position | □<br>WWAN Ant.1 SAR | □<br>2.4G WIFI1 SAR | □<br>2.4G WIFI2 SAR | □<br>BT SAR | □ 1-g SAR<br>□ + □ | □ 1-g SAR<br>□ + □ | Case NO. |
|-----------|-------------------|---------------|---------------------|---------------------|---------------------|-------------|--------------------|--------------------|----------|
| LTE B17   | Head              | Left Cheek    | 0.126               | 0.286               | 0.460               | 0.259       | 0.412              | 0.385              | N/A      |
|           |                   | Left Tilt     | 0.1                 | 0.476               | 0.613               | 0.315       | 0.576              | 0.415              | N/A      |
|           |                   | Right Cheek   | 0.196               | 0.242               | 0.680               | 0.167       | 0.438              | 0.363              | N/A      |
|           |                   | Right Tilt    | 0.098               | 0.262               | 0.926               | 0.2         | 0.360              | 0.298              | N/A      |
|           | Body-worn         | Front         | 0.244               | 0.087               | 0.062               | 0.022       | 0.331              | 0.266              | N/A      |
|           |                   | Back          | 0.342               | 0.182               | 0.082               | 0.030       | 0.524              | 0.372              | N/A      |
|           | Hotspot           | Front         | 0.334               | 0.157               | 0.114               | 0.042       | 0.491              | 0.376              | N/A      |
|           |                   | Back          | 0.405               | 0.271               | 0.136               | 0.048       | 0.676              | 0.453              | N/A      |
|           |                   | Left          | 0.386               | 0.000               | 0.104               | 0           | 0.386              | 0.386              | N/A      |
|           |                   | Right         | 0.45                | 0.119               | 0.000               | 0.016       | 0.569              | 0.466              | N/A      |
|           |                   | Top           | 0                   | 0.760               | 0.371               | 0.096       | 0.760              | 0.096              | N/A      |
|           |                   | Bottom        | 0.223               | 0.000               | 0.000               | 0           | 0.223              | 0.223              | N/A      |
|           | Exposure position | Test position | □<br>WWAN Ant.2 SAR | □<br>2.4G WIFI1 SAR | □<br>2.4G WIFI2 SAR | □<br>BT SAR | □ 1-g SAR<br>□ + □ | □ 1-g SAR<br>□ + □ | Case NO. |
|           | Head              | Left Cheek    | 0.612               | 0.286               | 0.460               | 0.259       | 0.898              | 0.871              | N/A      |
|           |                   | Left Tilt     | 0.499               | 0.476               | 0.613               | 0.315       | 0.975              | 0.814              | N/A      |
|           |                   | Right Cheek   | 0.739               | 0.242               | 0.680               | 0.167       | 0.981              | 0.906              | N/A      |
|           |                   | Right Tilt    | 0.637               | 0.262               | 0.926               | 0.2         | 0.899              | 0.837              | N/A      |
|           | Body-worn         | Front         | 0.209               | 0.087               | 0.062               | 0.022       | 0.296              | 0.231              | N/A      |
|           |                   | Back          | 0.172               | 0.182               | 0.082               | 0.030       | 0.354              | 0.202              | N/A      |
|           | Hotspot           | Front         | 0.215               | 0.157               | 0.114               | 0.042       | 0.372              | 0.257              | N/A      |
|           |                   | Back          | 0.208               | 0.271               | 0.136               | 0.048       | 0.479              | 0.256              | N/A      |
|           |                   | Left          | 0.080               | 0.000               | 0.104               | 0           | 0.080              | 0.080              | N/A      |
|           |                   | Right         | 0.018               | 0.119               | 0.000               | 0.016       | 0.137              | 0.034              | N/A      |
|           |                   | Top           | 0.179               | 0.760               | 0.371               | 0.096       | 0.939              | 0.275              | N/A      |
|           |                   | Bottom        | 0.000               | 0.000               | 0.000               | 0           | 0.000              | 0.000              | N/A      |

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| WWAN Band | Exposure position | Test position | WWAN Ant.1 SAR | 2.4G WIFI1 SAR | 2.4G WIFI2 SAR | BT SAR | 1-g SAR + 1-g SAR | 1-g SAR + 1-g SAR | Case NO. |
|-----------|-------------------|---------------|----------------|----------------|----------------|--------|-------------------|-------------------|----------|
| LTE B26   | Head              | Left Cheek    | 0.108          | 0.286          | 0.460          | 0.259  | 0.394             | 0.367             | N/A      |
|           |                   | Left Tilt     | 0.067          | 0.476          | 0.613          | 0.315  | 0.543             | 0.382             | N/A      |
|           |                   | Right Cheek   | 0.256          | 0.242          | 0.680          | 0.167  | 0.498             | 0.423             | N/A      |
|           |                   | Right Tilt    | 0.073          | 0.262          | 0.926          | 0.2    | 0.335             | 0.273             | N/A      |
|           | Body-worn         | Front         | 0.209          | 0.087          | 0.062          | 0.022  | 0.296             | 0.231             | N/A      |
|           |                   | Back          | 0.348          | 0.182          | 0.082          | 0.030  | 0.530             | 0.378             | N/A      |
|           | Hotspot           | Front         | 0.29           | 0.157          | 0.114          | 0.042  | 0.447             | 0.332             | N/A      |
|           |                   | Back          | 0.493          | 0.271          | 0.136          | 0.048  | 0.764             | 0.541             | N/A      |
|           |                   | Left          | 0.123          | 0.000          | 0.104          | 0      | 0.123             | 0.123             | N/A      |
|           |                   | Right         | 0.327          | 0.119          | 0.000          | 0.016  | 0.446             | 0.343             | N/A      |
|           |                   | Top           | 0              | 0.760          | 0.371          | 0.096  | 0.760             | 0.096             | N/A      |
|           |                   | Bottom        | 0.221          | 0.000          | 0.000          | 0      | 0.221             | 0.221             | N/A      |
|           | Exposure position | Test position | WWAN Ant.2 SAR | 2.4G WIFI1 SAR | 2.4G WIFI2 SAR | BT SAR | 1-g SAR + 1-g SAR | 1-g SAR + 1-g SAR | Case NO. |
|           | Head              | Left Cheek    | 0.593          | 0.286          | 0.460          | 0.259  | 0.879             | 0.852             | N/A      |
|           |                   | Left Tilt     | 0.461          | 0.476          | 0.613          | 0.315  | 0.937             | 0.776             | N/A      |
|           |                   | Right Cheek   | 0.668          | 0.242          | 0.680          | 0.167  | 0.910             | 0.835             | N/A      |
|           |                   | Right Tilt    | 0.541          | 0.262          | 0.926          | 0.2    | 0.803             | 0.741             | N/A      |
|           | Body-worn         | Front         | 0.250          | 0.087          | 0.062          | 0.022  | 0.337             | 0.272             | N/A      |
|           |                   | Back          | 0.288          | 0.182          | 0.082          | 0.030  | 0.470             | 0.318             | N/A      |
|           | Hotspot           | Front         | 0.269          | 0.157          | 0.114          | 0.042  | 0.426             | 0.311             | N/A      |
|           |                   | Back          | 0.255          | 0.271          | 0.136          | 0.048  | 0.526             | 0.303             | N/A      |
|           |                   | Left          | 0.110          | 0.000          | 0.104          | 0      | 0.110             | 0.110             | N/A      |
|           |                   | Right         | 0.029          | 0.119          | 0.000          | 0.016  | 0.148             | 0.045             | N/A      |
|           |                   | Top           | 0.200          | 0.760          | 0.371          | 0.096  | 0.960             | 0.296             | N/A      |
|           |                   | Bottom        | 0.000          | 0.000          | 0.000          | 0      | 0.000             | 0.000             | N/A      |



| WWAN Band | Exposure position | Test position | □<br>WWAN Ant.1 SAR | □<br>2.4G WIFI1 SAR | □<br>2.4G WIFI2 SAR | □<br>BT SAR | □ 1-g SAR<br>□ + □ | □ 1-g SAR<br>□ + □ | Case NO. |
|-----------|-------------------|---------------|---------------------|---------------------|---------------------|-------------|--------------------|--------------------|----------|
| LTE B38   | Head              | Left Cheek    | 0.07                | 0.286               | 0.460               | 0.259       | 0.356              | 0.329              | N/A      |
|           |                   | Left Tilt     | 0.082               | 0.476               | 0.613               | 0.315       | 0.558              | 0.397              | N/A      |
|           |                   | Right Cheek   | 0.096               | 0.242               | 0.680               | 0.167       | 0.338              | 0.263              | N/A      |
|           |                   | Right Tilt    | 0.077               | 0.262               | 0.926               | 0.2         | 0.339              | 0.277              | N/A      |
|           | Body-worn         | Front         | 0.359               | 0.087               | 0.062               | 0.022       | 0.446              | 0.381              | N/A      |
|           |                   | Back          | 0.376               | 0.182               | 0.082               | 0.030       | 0.558              | 0.406              | N/A      |
|           | Hotspot           | Front         | 0.358               | 0.157               | 0.114               | 0.042       | 0.515              | 0.400              | N/A      |
|           |                   | Back          | 0.379               | 0.271               | 0.136               | 0.048       | 0.650              | 0.427              | N/A      |
|           |                   | Left          | 0.153               | 0.000               | 0.104               | 0           | 0.153              | 0.153              | N/A      |
|           |                   | Right         | 0.262               | 0.119               | 0.000               | 0.016       | 0.381              | 0.278              | N/A      |
|           |                   | Top           | 0.000               | 0.760               | 0.371               | 0.096       | 0.760              | 0.096              | N/A      |
|           |                   | Bottom        | 0.72                | 0.000               | 0.000               | 0           | 0.720              | 0.720              | N/A      |
|           | Exposure position | Test position | □<br>WWAN Ant.2 SAR | □<br>2.4G WIFI1 SAR | □<br>2.4G WIFI2 SAR | □<br>BT SAR | □ 1-g SAR<br>□ + □ | □ 1-g SAR<br>□ + □ | Case NO. |
|           | Head              | Left Cheek    | 0.481               | 0.286               | 0.460               | 0.259       | 0.767              | 0.740              | N/A      |
|           |                   | Left Tilt     | 0.599               | 0.476               | 0.613               | 0.315       | 1.075              | 0.914              | N/A      |
|           |                   | Right Cheek   | 0.646               | 0.242               | 0.680               | 0.167       | 0.888              | 0.813              | N/A      |
|           |                   | Right Tilt    | 0.821               | 0.262               | 0.926               | 0.2         | 1.083              | 1.021              | N/A      |
|           | Body-worn         | Front         | 0.121               | 0.087               | 0.062               | 0.022       | 0.208              | 0.143              | N/A      |
|           |                   | Back          | 0.161               | 0.182               | 0.082               | 0.030       | 0.343              | 0.191              | N/A      |
|           | Hotspot           | Front         | 0.091               | 0.157               | 0.114               | 0.042       | 0.248              | 0.133              | N/A      |
|           |                   | Back          | 0.124               | 0.271               | 0.136               | 0.048       | 0.395              | 0.172              | N/A      |
|           |                   | Left          | 0.070               | 0.000               | 0.104               | 0           | 0.070              | 0.070              | N/A      |
|           |                   | Right         | 0.013               | 0.119               | 0.000               | 0.016       | 0.132              | 0.029              | N/A      |
|           |                   | Top           | 0.375               | 0.760               | 0.371               | 0.096       | 1.135              | 0.471              | N/A      |
|           |                   | Bottom        | 0.000               | 0.000               | 0.000               | 0           | 0.000              | 0.000              | N/A      |

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| WWAN Band | Exposure position | Test position | □<br>WWAN Ant.1 SAR | □<br>2.4G WIFI1 SAR | □<br>2.4G WIFI2 SAR | □<br>BT SAR | □ 1-g SAR<br>□ + □ | □ 1-g SAR<br>□ + □ | Case NO. |
|-----------|-------------------|---------------|---------------------|---------------------|---------------------|-------------|--------------------|--------------------|----------|
| LTE B40   | Head              | Left Cheek    | 0.088               | 0.286               | 0.460               | 0.259       | 0.374              | 0.347              | N/A      |
|           |                   | Left Tilt     | 0.068               | 0.476               | 0.613               | 0.315       | 0.544              | 0.383              | N/A      |
|           |                   | Right Cheek   | 0.145               | 0.242               | 0.680               | 0.167       | 0.387              | 0.312              | N/A      |
|           |                   | Right Tilt    | 0.086               | 0.262               | 0.926               | 0.2         | 0.348              | 0.286              | N/A      |
|           | Body-worn         | Front         | 0.454               | 0.087               | 0.062               | 0.022       | 0.541              | 0.476              | N/A      |
|           |                   | Back          | 0.585               | 0.182               | 0.082               | 0.030       | 0.767              | 0.615              | N/A      |
|           | Hotspot           | Front         | 0.299               | 0.157               | 0.114               | 0.042       | 0.456              | 0.341              | N/A      |
|           |                   | Back          | 0.352               | 0.271               | 0.136               | 0.048       | 0.623              | 0.400              | N/A      |
|           |                   | Left          | 0.056               | 0.000               | 0.104               | 0           | 0.056              | 0.056              | N/A      |
|           |                   | Right         | 0.041               | 0.119               | 0.000               | 0.016       | 0.160              | 0.057              | N/A      |
|           |                   | Top           | 0.000               | 0.760               | 0.371               | 0.096       | 0.760              | 0.096              | N/A      |
|           |                   | Bottom        | 0.808               | 0.000               | 0.000               | 0           | 0.808              | 0.808              | N/A      |
|           | Exposure position | Test position | □<br>WWAN Ant.2 SAR | □<br>2.4G WIFI1 SAR | □<br>2.4G WIFI2 SAR | □<br>BT SAR | □ 1-g SAR<br>□ + □ | □ 1-g SAR<br>□ + □ | Case NO. |
|           | Head              | Left Cheek    | 0.423               | 0.286               | 0.460               | 0.259       | 0.709              | 0.682              | N/A      |
|           |                   | Left Tilt     | 0.471               | 0.476               | 0.613               | 0.315       | 0.947              | 0.786              | N/A      |
|           |                   | Right Cheek   | 0.510               | 0.242               | 0.680               | 0.167       | 0.752              | 0.677              | N/A      |
|           |                   | Right Tilt    | 0.909               | 0.262               | 0.926               | 0.2         | 1.171              | 1.109              | N/A      |
|           | Body-worn         | Front         | 0.126               | 0.087               | 0.062               | 0.022       | 0.213              | 0.148              | N/A      |
|           |                   | Back          | 0.184               | 0.182               | 0.082               | 0.030       | 0.366              | 0.214              | N/A      |
|           | Hotspot           | Front         | 0.042               | 0.157               | 0.114               | 0.042       | 0.199              | 0.084              | N/A      |
|           |                   | Back          | 0.063               | 0.271               | 0.136               | 0.048       | 0.334              | 0.111              | N/A      |
|           |                   | Left          | 0.033               | 0.000               | 0.104               | 0           | 0.033              | 0.033              | N/A      |
|           |                   | Right         | 0.005               | 0.119               | 0.000               | 0.016       | 0.124              | 0.021              | N/A      |
|           |                   | Top           | 0.182               | 0.760               | 0.371               | 0.096       | 0.942              | 0.278              | N/A      |
|           |                   | Bottom        | 0.000               | 0.000               | 0.000               | 0           | 0.000              | 0.000              | N/A      |

| WWAN Band | Exposure position | Test position | □<br>WWAN Ant.1 SAR | □<br>2.4G WIFI1 SAR | □<br>2.4G WIFI2 SAR | □<br>BT SAR | □ 1-g SAR<br>□ + □ | □ 1-g SAR<br>□ + □ | Case NO. |
|-----------|-------------------|---------------|---------------------|---------------------|---------------------|-------------|--------------------|--------------------|----------|
| LTE B41   | Head              | Left Cheek    | 0.072               | 0.286               | 0.460               | 0.259       | 0.358              | 0.331              | N/A      |
|           |                   | Left Tilt     | 0.084               | 0.476               | 0.613               | 0.315       | 0.560              | 0.399              | N/A      |
|           |                   | Right Cheek   | 0.107               | 0.242               | 0.680               | 0.167       | 0.349              | 0.274              | N/A      |
|           |                   | Right Tilt    | 0.078               | 0.262               | 0.926               | 0.2         | 0.340              | 0.278              | N/A      |
|           | Body-worn         | Front         | 0.267               | 0.087               | 0.062               | 0.022       | 0.354              | 0.289              | N/A      |
|           |                   | Back          | 0.402               | 0.182               | 0.082               | 0.030       | 0.584              | 0.432              | N/A      |
|           | Hotspot           | Front         | 0.402               | 0.157               | 0.114               | 0.042       | 0.559              | 0.444              | N/A      |
|           |                   | Back          | 0.491               | 0.271               | 0.136               | 0.048       | 0.762              | 0.539              | N/A      |
|           |                   | Left          | 0.137               | 0.000               | 0.104               | 0           | 0.137              | 0.137              | N/A      |
|           |                   | Right         | 0.262               | 0.119               | 0.000               | 0.016       | 0.381              | 0.278              | N/A      |
|           |                   | Top           | 0.000               | 0.760               | 0.371               | 0.096       | 0.760              | 0.096              | N/A      |
|           |                   | Bottom        | 0.868               | 0.000               | 0.000               | 0           | 0.868              | 0.868              | N/A      |
|           | Exposure position | Test position | □<br>WWAN Ant.2 SAR | □<br>2.4G WIFI1 SAR | □<br>2.4G WIFI2 SAR | □<br>BT SAR | □ 1-g SAR<br>□ + □ | □ 1-g SAR<br>□ + □ | Case NO. |
|           | Head              | Left Cheek    | 0.500               | 0.286               | 0.460               | 0.259       | 0.786              | 0.759              | N/A      |
|           |                   | Left Tilt     | 0.611               | 0.476               | 0.613               | 0.315       | 1.087              | 0.926              | N/A      |
|           |                   | Right Cheek   | 0.947               | 0.242               | 0.680               | 0.167       | 1.189              | 1.114              | N/A      |
|           |                   | Right Tilt    | 0.974               | 0.262               | 0.926               | 0.2         | 1.236              | 1.174              | N/A      |
|           | Body-worn         | Front         | 0.136               | 0.087               | 0.062               | 0.022       | 0.223              | 0.158              | N/A      |
|           |                   | Back          | 0.179               | 0.182               | 0.082               | 0.030       | 0.361              | 0.209              | N/A      |
|           | Hotspot           | Front         | 0.127               | 0.157               | 0.114               | 0.042       | 0.284              | 0.169              | N/A      |
|           |                   | Back          | 0.164               | 0.271               | 0.136               | 0.048       | 0.435              | 0.212              | N/A      |
|           |                   | Left          | 0.090               | 0.000               | 0.104               | 0           | 0.090              | 0.090              | N/A      |
|           |                   | Right         | 0.020               | 0.119               | 0.000               | 0.016       | 0.139              | 0.036              | N/A      |
|           |                   | Top           | 0.439               | 0.760               | 0.371               | 0.096       | 1.199              | 0.535              | N/A      |
|           |                   | Bottom        | 0.000               | 0.000               | 0.000               | 0           | 0.000              | 0.000              | N/A      |

| WWAN Band | Exposure position | Test position | WWAN Ant.1 SAR | 5G WIFI1 SAR | 5G WIFI2 SAR | 5G MIMO SAR | BT SAR | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | Case NO. |
|-----------|-------------------|---------------|----------------|--------------|--------------|-------------|--------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| GSM 850   | Head              | Left Cheek    | 0.256          | 0.613        | 0.13         | 0.743       | 0.259  | 0.869        | 0.386        | 0.999        | 1.128        | 0.645        | 1.258        | N/A      |
|           |                   | Left Tilt     | 0.165          | 0.331        | 0.152        | 0.483       | 0.315  | 0.496        | 0.317        | 0.648        | 0.811        | 0.632        | 0.963        | N/A      |
|           |                   | Right Cheek   | 0.376          | 0.296        | 0.353        | 0.649       | 0.167  | 0.672        | 0.729        | 1.025        | 0.839        | 0.896        | 1.192        | N/A      |
|           |                   | Right Tilt    | 0.149          | 0.305        | 0.255        | 0.56        | 0.2    | 0.454        | 0.404        | 0.709        | 0.654        | 0.604        | 0.909        | N/A      |
|           | Body-worn         | Front(voice)  | 0.325          | 0.08         | 0.009        | 0.089       | 0.022  | 0.405        | 0.334        | 0.414        | 0.427        | 0.356        | 0.436        | N/A      |
|           |                   | Back(voice)   | 0.499          | 0.037        | 0.025        | 0.062       | 0.03   | 0.536        | 0.524        | 0.561        | 0.566        | 0.554        | 0.591        | N/A      |
|           |                   | Front(data)   | 0.269          | 0.08         | 0.009        | 0.089       | 0.022  | 0.349        | 0.278        | 0.358        | 0.371        | 0.3          | 0.38         | N/A      |
|           |                   | Back(data)    | 0.38           | 0.037        | 0.025        | 0.062       | 0.03   | 0.417        | 0.405        | 0.442        | 0.447        | 0.435        | 0.472        | N/A      |
|           | Hotspot           | Front         | 0.375          | 0.087        | 0.022        | 0.109       | 0.042  | 0.462        | 0.397        | 0.484        | 0.504        | 0.439        | 0.526        | N/A      |
|           |                   | Back          | 0.691          | 0.051        | 0.044        | 0.095       | 0.048  | 0.742        | 0.735        | 0.786        | 0.79         | 0.783        | 0.834        | N/A      |
|           |                   | Left          | 0.114          | 0.000        | 0.005        | 0.005       | 0      | 0.114        | 0.119        | 0.119        | 0.114        | 0.119        | 0.119        | N/A      |
|           |                   | Right         | 0.492          | 0.035        | 0.000        | 0.035       | 0.016  | 0.527        | 0.492        | 0.527        | 0.543        | 0.508        | 0.543        | N/A      |
|           |                   | Top           | 0              | 0.077        | 0.014        | 0.091       | 0.096  | 0.077        | 0.014        | 0.091        | 0.173        | 0.11         | 0.187        | N/A      |
|           |                   | Bottom        | 0.349          | 0.000        | 0.000        | 0           | 0      | 0.349        | 0.349        | 0.349        | 0.349        | 0.349        | 0.349        | N/A      |
|           | Exposure position | Test position | WWAN Ant.2 SAR | 5G WIFI1 SAR | 5G WIFI2 SAR | 5G MIMO SAR | BT SAR | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | Case NO. |
|           | Head              | Left Cheek    | 0.181          | 0.613        | 0.130        | 0.743       | 0.259  | 0.794        | 0.311        | 0.924        | 1.053        | 0.570        | 1.183        | N/A      |
|           |                   | Left Tilt     | 0.601          | 0.331        | 0.152        | 0.483       | 0.315  | 0.932        | 0.753        | 1.084        | 1.247        | 1.068        | 1.399        | N/A      |
|           |                   | Right Cheek   | 0.687          | 0.296        | 0.353        | 0.649       | 0.167  | 0.983        | 1.040        | 1.336        | 1.150        | 1.207        | 1.503        | N/A      |
|           |                   | Right Tilt    | 0.618          | 0.305        | 0.255        | 0.56        | 0.2    | 0.923        | 0.873        | 1.178        | 1.123        | 1.073        | 1.378        | N/A      |
|           | Body-worn         | Front(voice)  | 0.118          | 0.08         | 0.009        | 0.089       | 0.022  | 0.198        | 0.127        | 0.207        | 0.220        | 0.149        | 0.229        | N/A      |
|           |                   | Back(voice)   | 0.116          | 0.037        | 0.025        | 0.062       | 0.03   | 0.153        | 0.141        | 0.178        | 0.183        | 0.171        | 0.208        | N/A      |
|           |                   | Front(data)   | 0.447          | 0.08         | 0.009        | 0.089       | 0.022  | 0.527        | 0.456        | 0.536        | 0.549        | 0.478        | 0.558        | N/A      |
|           |                   | Back(data)    | 0.420          | 0.037        | 0.025        | 0.062       | 0.03   | 0.457        | 0.445        | 0.482        | 0.487        | 0.475        | 0.512        | N/A      |
|           | Hotspot           | Front         | 0.381          | 0.087        | 0.022        | 0.109       | 0.042  | 0.468        | 0.403        | 0.490        | 0.510        | 0.445        | 0.532        | N/A      |
|           |                   | Back          | 0.425          | 0.051        | 0.044        | 0.095       | 0.048  | 0.476        | 0.469        | 0.520        | 0.524        | 0.517        | 0.568        | N/A      |
|           |                   | Left          | 0.171          | 0            | 0.005        | 0.005       | 0      | 0.171        | 0.176        | 0.176        | 0.171        | 0.176        | 0.176        | N/A      |
|           |                   | Right         | 0.036          | 0.035        | 0.000        | 0.035       | 0.016  | 0.071        | 0.036        | 0.071        | 0.087        | 0.052        | 0.087        | N/A      |
|           |                   | Top           | 0.304          | 0.077        | 0.014        | 0.091       | 0.096  | 0.381        | 0.318        | 0.395        | 0.477        | 0.414        | 0.491        | N/A      |
|           |                   | Bottom        | 0.000          | 0            | 0.000        | 0           | 0      | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | N/A      |

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| WWAN Band | Exposure position | Test position | WWAN Ant.1 SAR | 5G WIFI1 SAR | 5G WIFI2 SAR | 5G MIMO SAR | BT SAR | 1-g SAR + | 1-g SAR + | 1-g SAR + | 1-g SAR + | 1-g SAR + | 1-g SAR + | Case NO. |
|-----------|-------------------|---------------|----------------|--------------|--------------|-------------|--------|-----------|-----------|-----------|-----------|-----------|-----------|----------|
| GSM 1900  | Head              | Left Cheek    | 0.15           | 0.613        | 0.130        | 0.743       | 0.259  | 0.763     | 0.280     | 0.893     | 1.022     | 0.539     | 1.152     | N/A      |
|           |                   | Left Tilt     | 0.031          | 0.331        | 0.152        | 0.483       | 0.315  | 0.362     | 0.183     | 0.514     | 0.677     | 0.498     | 0.829     | N/A      |
|           |                   | Right Cheek   | 0.064          | 0.296        | 0.353        | 0.649       | 0.167  | 0.36      | 0.417     | 0.713     | 0.527     | 0.584     | 0.880     | N/A      |
|           |                   | Right Tilt    | 0.042          | 0.305        | 0.255        | 0.56        | 0.2    | 0.347     | 0.297     | 0.602     | 0.547     | 0.497     | 0.802     | N/A      |
|           | Body-worn         | Front(voice)  | 0.271          | 0.08         | 0.009        | 0.089       | 0.022  | 0.351     | 0.280     | 0.360     | 0.373     | 0.302     | 0.382     | N/A      |
|           |                   | Back(voice)   | 0.28           | 0.037        | 0.025        | 0.062       | 0.03   | 0.317     | 0.305     | 0.342     | 0.347     | 0.335     | 0.372     | N/A      |
|           |                   | Front(data)   | 0.304          | 0.08         | 0.009        | 0.089       | 0.022  | 0.384     | 0.313     | 0.393     | 0.406     | 0.335     | 0.415     | N/A      |
|           |                   | Back(data)    | 0.511          | 0.037        | 0.025        | 0.062       | 0.03   | 0.548     | 0.536     | 0.573     | 0.578     | 0.566     | 0.603     | N/A      |
|           | Hotspot           | Front         | 0.222          | 0.087        | 0.022        | 0.109       | 0.042  | 0.309     | 0.244     | 0.331     | 0.351     | 0.286     | 0.373     | N/A      |
|           |                   | Back          | 0.242          | 0.051        | 0.044        | 0.095       | 0.048  | 0.293     | 0.286     | 0.337     | 0.341     | 0.334     | 0.385     | N/A      |
|           |                   | Left          | 0.067          | 0            | 0.005        | 0.005       | 0      | 0.067     | 0.072     | 0.072     | 0.067     | 0.072     | 0.072     | N/A      |
|           |                   | Right         | 0.021          | 0.035        | 0.000        | 0.035       | 0.016  | 0.056     | 0.021     | 0.056     | 0.072     | 0.037     | 0.072     | N/A      |
|           |                   | Top           | 0              | 0.077        | 0.014        | 0.091       | 0.096  | 0.077     | 0.014     | 0.091     | 0.173     | 0.110     | 0.187     | N/A      |
|           |                   | Bottom        | 0.667          | 0            | 0.000        | 0           | 0      | 0.667     | 0.667     | 0.667     | 0.667     | 0.667     | 0.667     | N/A      |
|           | Exposure position | Test position | WWAN Ant.2 SAR | 5G WIFI1 SAR | 5G WIFI2 SAR | 5G MIMO SAR | BT SAR | 1-g SAR + | 1-g SAR + | 1-g SAR + | 1-g SAR + | 1-g SAR + | 1-g SAR + | Case NO. |
|           | Head              | Left Cheek    | 0.334          | 0.613        | 0.130        | 0.743       | 0.259  | 0.947     | 0.464     | 1.077     | 1.206     | 0.723     | 1.336     | N/A      |
|           |                   | Left Tilt     | 0.438          | 0.331        | 0.152        | 0.483       | 0.315  | 0.769     | 0.590     | 0.921     | 1.084     | 0.905     | 1.236     | N/A      |
|           |                   | Right Cheek   | 0.735          | 0.296        | 0.353        | 0.649       | 0.167  | 1.031     | 1.088     | 1.384     | 1.198     | 1.255     | 1.551     | N/A      |
|           |                   | Right Tilt    | 0.529          | 0.305        | 0.255        | 0.56        | 0.2    | 0.834     | 0.784     | 1.089     | 1.034     | 0.984     | 1.289     | N/A      |
|           | Body-worn         | Front(voice)  | 0.067          | 0.08         | 0.009        | 0.089       | 0.022  | 0.147     | 0.076     | 0.156     | 0.169     | 0.098     | 0.178     | N/A      |
|           |                   | Back(voice)   | 0.071          | 0.037        | 0.025        | 0.062       | 0.03   | 0.108     | 0.096     | 0.133     | 0.138     | 0.126     | 0.163     | N/A      |
|           |                   | Front(data)   | 0.248          | 0.08         | 0.009        | 0.089       | 0.022  | 0.328     | 0.257     | 0.337     | 0.350     | 0.279     | 0.359     | N/A      |
|           |                   | Back(data)    | 0.339          | 0.037        | 0.025        | 0.062       | 0.03   | 0.376     | 0.364     | 0.401     | 0.406     | 0.394     | 0.431     | N/A      |
|           | Hotspot           | Front         | 0.203          | 0.087        | 0.022        | 0.109       | 0.042  | 0.290     | 0.225     | 0.312     | 0.332     | 0.267     | 0.354     | N/A      |
|           |                   | Back          | 0.216          | 0.051        | 0.044        | 0.095       | 0.048  | 0.267     | 0.260     | 0.311     | 0.315     | 0.308     | 0.359     | N/A      |
|           |                   | Left          | 0.230          | 0            | 0.005        | 0.005       | 0      | 0.230     | 0.235     | 0.235     | 0.230     | 0.235     | 0.235     | N/A      |
|           |                   | Right         | 0.045          | 0.035        | 0.000        | 0.035       | 0.016  | 0.080     | 0.045     | 0.080     | 0.096     | 0.061     | 0.096     | N/A      |
|           |                   | Top           | 0.336          | 0.077        | 0.014        | 0.091       | 0.096  | 0.413     | 0.350     | 0.427     | 0.509     | 0.446     | 0.523     | N/A      |
|           |                   | Bottom        | 0.000          | 0            | 0.000        | 0           | 0      | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | 0.000     | N/A      |

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| WWAN Band | Exposure position | Test position | WWAN Ant.1 SAR | 5G WIFI1 SAR | 5G WIFI2 SAR | 5G MIMO SAR | BT SAR | 1-g SAR | 1-g SAR | 1-g SAR | 1-g SAR | 1-g SAR | 1-g SAR | Case NO. |
|-----------|-------------------|---------------|----------------|--------------|--------------|-------------|--------|---------|---------|---------|---------|---------|---------|----------|
| WCDMA B2  | Head              | Left Cheek    | 0.255          | 0.613        | 0.130        | 0.743       | 0.259  | 0.868   | 0.385   | 0.998   | 1.127   | 0.644   | 1.257   | N/A      |
|           |                   | Left Tilt     | 0.058          | 0.331        | 0.152        | 0.483       | 0.315  | 0.389   | 0.21    | 0.541   | 0.704   | 0.525   | 0.856   | N/A      |
|           |                   | Right Cheek   | 0.124          | 0.296        | 0.353        | 0.649       | 0.167  | 0.42    | 0.477   | 0.773   | 0.587   | 0.644   | 0.94    | N/A      |
|           |                   | Right Tilt    | 0.084          | 0.305        | 0.255        | 0.56        | 0.2    | 0.389   | 0.339   | 0.644   | 0.589   | 0.539   | 0.844   | N/A      |
|           | Body-worn         | Front         | 0.522          | 0.08         | 0.009        | 0.089       | 0.022  | 0.602   | 0.531   | 0.611   | 0.624   | 0.553   | 0.633   | N/A      |
|           |                   | Back          | 0.723          | 0.037        | 0.025        | 0.062       | 0.03   | 0.76    | 0.748   | 0.785   | 0.79    | 0.778   | 0.815   | N/A      |
|           | Hotspot           | Front         | 0.296          | 0.087        | 0.022        | 0.109       | 0.042  | 0.383   | 0.318   | 0.405   | 0.425   | 0.36    | 0.447   | N/A      |
|           |                   | Back          | 0.31           | 0.051        | 0.044        | 0.095       | 0.048  | 0.361   | 0.354   | 0.405   | 0.409   | 0.402   | 0.453   | N/A      |
|           |                   | Left          | 0.091          | 0.000        | 0.005        | 0.005       | 0      | 0.091   | 0.096   | 0.096   | 0.091   | 0.096   | 0.096   | N/A      |
|           |                   | Right         | 0.026          | 0.035        | 0.000        | 0.035       | 0.016  | 0.061   | 0.026   | 0.061   | 0.077   | 0.042   | 0.077   | N/A      |
|           |                   | Top           | 0              | 0.077        | 0.014        | 0.091       | 0.096  | 0.077   | 0.014   | 0.091   | 0.173   | 0.11    | 0.187   | N/A      |
|           |                   | Bottom        | 0.699          | 0.000        | 0.000        | 0           | 0      | 0.699   | 0.699   | 0.699   | 0.699   | 0.699   | 0.699   | N/A      |
|           | Exposure position | Test position | WWAN Ant.2 SAR | 5G WIFI1 SAR | 5G WIFI2 SAR | 5G MIMO SAR | BT SAR | 1-g SAR | 1-g SAR | 1-g SAR | 1-g SAR | 1-g SAR | 1-g SAR | Case NO. |
|           | Head              | Left Cheek    | 0.427          | 0.613        | 0.130        | 0.743       | 0.259  | 1.040   | 0.557   | 1.170   | 1.299   | 0.816   | 1.429   | N/A      |
|           |                   | Left Tilt     | 0.514          | 0.331        | 0.152        | 0.483       | 0.315  | 0.845   | 0.666   | 0.997   | 1.160   | 0.981   | 1.312   | N/A      |
|           |                   | Right Cheek   | 0.667          | 0.296        | 0.353        | 0.649       | 0.167  | 0.963   | 1.020   | 1.316   | 1.130   | 1.187   | 1.483   | N/A      |
|           |                   | Right Tilt    | 0.457          | 0.305        | 0.255        | 0.56        | 0.2    | 0.762   | 0.712   | 1.017   | 0.962   | 0.912   | 1.217   | N/A      |
|           | Body-worn         | Front         | 0.223          | 0.080        | 0.009        | 0.089       | 0.022  | 0.303   | 0.232   | 0.312   | 0.325   | 0.254   | 0.334   | N/A      |
|           |                   | Back          | 0.265          | 0.037        | 0.025        | 0.062       | 0.03   | 0.302   | 0.290   | 0.327   | 0.332   | 0.320   | 0.357   | N/A      |
|           | Hotspot           | Front         | 0.143          | 0.087        | 0.022        | 0.109       | 0.042  | 0.230   | 0.165   | 0.252   | 0.272   | 0.207   | 0.294   | N/A      |
|           |                   | Back          | 0.186          | 0.051        | 0.044        | 0.095       | 0.048  | 0.237   | 0.230   | 0.281   | 0.285   | 0.278   | 0.329   | N/A      |
|           |                   | Left          | 0.203          | 0.000        | 0.005        | 0.005       | 0      | 0.203   | 0.208   | 0.208   | 0.203   | 0.208   | 0.208   | N/A      |
|           |                   | Right         | 0.038          | 0.035        | 0.000        | 0.035       | 0.016  | 0.073   | 0.038   | 0.073   | 0.089   | 0.054   | 0.089   | N/A      |
|           |                   | Top           | 0.296          | 0.077        | 0.014        | 0.091       | 0.096  | 0.373   | 0.310   | 0.387   | 0.469   | 0.406   | 0.483   | N/A      |
|           |                   | Bottom        | 0.000          | 0.000        | 0.000        | 0           | 0      | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | N/A      |



| WWAN Band | Exposure position | Test position | WWAN Ant.1 SAR | 5G WIFI1 SAR | 5G WIFI2 SAR | 5G MIMO SAR | BT SAR | 1-g SAR | 1-g SAR | 1-g SAR | 1-g SAR | 1-g SAR | 1-g SAR | Case NO. |
|-----------|-------------------|---------------|----------------|--------------|--------------|-------------|--------|---------|---------|---------|---------|---------|---------|----------|
| WCDMA B4  | Head              | Left Cheek    | 0.144          | 0.613        | 0.130        | 0.743       | 0.259  | 0.757   | 0.274   | 0.887   | 1.016   | 0.533   | 1.146   | N/A      |
|           |                   | Left Tilt     | 0.04           | 0.331        | 0.152        | 0.483       | 0.315  | 0.371   | 0.192   | 0.523   | 0.686   | 0.507   | 0.838   | N/A      |
|           |                   | Right Cheek   | 0.102          | 0.296        | 0.353        | 0.649       | 0.167  | 0.398   | 0.455   | 0.751   | 0.565   | 0.622   | 0.918   | N/A      |
|           |                   | Right Tilt    | 0.069          | 0.305        | 0.255        | 0.56        | 0.2    | 0.374   | 0.324   | 0.629   | 0.574   | 0.524   | 0.829   | N/A      |
|           | Body-worn         | Front         | 0.537          | 0.080        | 0.009        | 0.089       | 0.022  | 0.617   | 0.546   | 0.626   | 0.639   | 0.568   | 0.648   | N/A      |
|           |                   | Back          | 0.383          | 0.037        | 0.025        | 0.062       | 0.03   | 0.420   | 0.408   | 0.445   | 0.450   | 0.438   | 0.475   | N/A      |
|           | Hotspot           | Front         | 0.335          | 0.087        | 0.022        | 0.109       | 0.042  | 0.422   | 0.357   | 0.444   | 0.464   | 0.399   | 0.486   | N/A      |
|           |                   | Back          | 0.292          | 0.051        | 0.044        | 0.095       | 0.048  | 0.343   | 0.336   | 0.387   | 0.391   | 0.384   | 0.435   | N/A      |
|           |                   | Left          | 0.073          | 0.000        | 0.005        | 0.005       | 0      | 0.073   | 0.078   | 0.078   | 0.073   | 0.078   | 0.078   | N/A      |
|           |                   | Right         | 0.024          | 0.035        | 0.000        | 0.035       | 0.016  | 0.059   | 0.024   | 0.059   | 0.075   | 0.04    | 0.075   | N/A      |
|           |                   | Top           | 0              | 0.077        | 0.014        | 0.091       | 0.096  | 0.077   | 0.014   | 0.091   | 0.173   | 0.11    | 0.187   | N/A      |
|           |                   | Bottom        | 0.811          | 0.000        | 0.000        | 0           | 0      | 0.811   | 0.811   | 0.811   | 0.811   | 0.811   | 0.811   | N/A      |
|           | Exposure position | Test position | WWAN Ant.2 SAR | 5G WIFI1 SAR | 5G WIFI2 SAR | 5G MIMO SAR | BT SAR | 1-g SAR | 1-g SAR | 1-g SAR | 1-g SAR | 1-g SAR | 1-g SAR | Case NO. |
|           | Head              | Left Cheek    | 0.310          | 0.613        | 0.130        | 0.743       | 0.259  | 0.923   | 0.440   | 1.053   | 1.182   | 0.699   | 1.312   | N/A      |
|           |                   | Left Tilt     | 0.433          | 0.331        | 0.152        | 0.483       | 0.315  | 0.764   | 0.585   | 0.916   | 1.079   | 0.900   | 1.231   | N/A      |
|           |                   | Right Cheek   | 0.567          | 0.296        | 0.353        | 0.649       | 0.167  | 0.863   | 0.920   | 1.216   | 1.030   | 1.087   | 1.383   | N/A      |
|           |                   | Right Tilt    | 0.461          | 0.305        | 0.255        | 0.56        | 0.2    | 0.766   | 0.716   | 1.021   | 0.966   | 0.916   | 1.221   | N/A      |
|           | Body-worn         | Front         | 0.147          | 0.080        | 0.009        | 0.089       | 0.022  | 0.227   | 0.156   | 0.236   | 0.249   | 0.178   | 0.258   | N/A      |
|           |                   | Back          | 0.190          | 0.037        | 0.025        | 0.062       | 0.03   | 0.227   | 0.215   | 0.252   | 0.257   | 0.245   | 0.282   | N/A      |
|           | Hotspot           | Front         | 0.112          | 0.087        | 0.022        | 0.109       | 0.042  | 0.199   | 0.134   | 0.221   | 0.241   | 0.176   | 0.263   | N/A      |
|           |                   | Back          | 0.142          | 0.051        | 0.044        | 0.095       | 0.048  | 0.193   | 0.186   | 0.237   | 0.241   | 0.234   | 0.285   | N/A      |
|           |                   | Left          | 0.125          | 0.000        | 0.005        | 0.005       | 0      | 0.125   | 0.130   | 0.130   | 0.125   | 0.130   | 0.130   | N/A      |
|           |                   | Right         | 0.011          | 0.035        | 0.000        | 0.035       | 0.016  | 0.046   | 0.011   | 0.046   | 0.062   | 0.027   | 0.062   | N/A      |
|           |                   | Top           | 0.196          | 0.077        | 0.014        | 0.091       | 0.096  | 0.273   | 0.210   | 0.287   | 0.369   | 0.306   | 0.383   | N/A      |
|           |                   | Bottom        | 0.000          | 0.000        | 0.000        | 0           | 0      | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | N/A      |



| WWAN Band | Exposure position | Test position | WWAN Ant.1 SAR | 5G WIFI1 SAR | 5G WIFI2 SAR | 5G MIMO SAR | BT SAR | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | Case NO. |
|-----------|-------------------|---------------|----------------|--------------|--------------|-------------|--------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| WCDMA B5  | Head              | Left Cheek    | 0.188          | 0.613        | 0.130        | 0.743       | 0.259  | 0.801        | 0.318        | 0.931        | 1.060        | 0.577        | 1.190        | N/A      |
|           |                   | Left Tilt     | 0.116          | 0.331        | 0.152        | 0.483       | 0.315  | 0.447        | 0.268        | 0.599        | 0.762        | 0.583        | 0.914        | N/A      |
|           |                   | Right Cheek   | 0.321          | 0.296        | 0.353        | 0.649       | 0.167  | 0.617        | 0.674        | 0.970        | 0.784        | 0.841        | 1.137        | N/A      |
|           |                   | Right Tilt    | 0.109          | 0.305        | 0.255        | 0.56        | 0.2    | 0.414        | 0.364        | 0.669        | 0.614        | 0.564        | 0.869        | N/A      |
|           | Body-worn         | Front         | 0.245          | 0.080        | 0.009        | 0.089       | 0.022  | 0.325        | 0.254        | 0.334        | 0.347        | 0.276        | 0.356        | N/A      |
|           |                   | Back          | 0.382          | 0.037        | 0.025        | 0.062       | 0.03   | 0.419        | 0.407        | 0.444        | 0.449        | 0.437        | 0.474        | N/A      |
|           | Hotspot           | Front         | 0.364          | 0.087        | 0.022        | 0.109       | 0.042  | 0.451        | 0.386        | 0.473        | 0.493        | 0.428        | 0.515        | N/A      |
|           |                   | Back          | 0.563          | 0.051        | 0.044        | 0.095       | 0.048  | 0.614        | 0.607        | 0.658        | 0.662        | 0.655        | 0.706        | N/A      |
|           |                   | Left          | 0.142          | 0.000        | 0.005        | 0.005       | 0      | 0.142        | 0.147        | 0.147        | 0.142        | 0.147        | 0.147        | N/A      |
|           |                   | Right         | 0.451          | 0.035        | 0.000        | 0.035       | 0.016  | 0.486        | 0.451        | 0.486        | 0.502        | 0.467        | 0.502        | N/A      |
|           |                   | Top           | 0              | 0.077        | 0.014        | 0.091       | 0.096  | 0.077        | 0.014        | 0.091        | 0.173        | 0.11         | 0.187        | N/A      |
|           |                   | Bottom        | 0.327          | 0.000        | 0.000        | 0           | 0      | 0.327        | 0.327        | 0.327        | 0.327        | 0.327        | 0.327        | N/A      |
|           | Exposure position | Test position | WWAN Ant.2 SAR | 5G WIFI1 SAR | 5G WIFI2 SAR | 5G MIMO SAR | BT SAR | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | Case NO. |
|           | Head              | Left Cheek    | 0.211          | 0.613        | 0.130        | 0.743       | 0.259  | 0.824        | 0.341        | 0.954        | 1.083        | 0.600        | 1.213        | N/A      |
|           |                   | Left Tilt     | 0.612          | 0.331        | 0.152        | 0.483       | 0.315  | 0.943        | 0.764        | 1.095        | 1.258        | 1.079        | 1.410        | N/A      |
|           |                   | Right Cheek   | 0.660          | 0.296        | 0.353        | 0.649       | 0.167  | 0.956        | 1.013        | 1.309        | 1.123        | 1.180        | 1.476        | N/A      |
|           |                   | Right Tilt    | 0.577          | 0.305        | 0.255        | 0.56        | 0.2    | 0.882        | 0.832        | 1.137        | 1.082        | 1.032        | 1.337        | N/A      |
|           | Body-worn         | Front         | 0.332          | 0.080        | 0.009        | 0.089       | 0.022  | 0.412        | 0.341        | 0.421        | 0.434        | 0.363        | 0.443        | N/A      |
|           |                   | Back          | 0.289          | 0.037        | 0.025        | 0.062       | 0.03   | 0.326        | 0.314        | 0.351        | 0.356        | 0.344        | 0.381        | N/A      |
|           | Hotspot           | Front         | 0.276          | 0.087        | 0.022        | 0.109       | 0.042  | 0.363        | 0.298        | 0.385        | 0.405        | 0.340        | 0.427        | N/A      |
|           |                   | Back          | 0.251          | 0.051        | 0.044        | 0.095       | 0.048  | 0.302        | 0.295        | 0.346        | 0.350        | 0.343        | 0.394        | N/A      |
|           |                   | Left          | 0.116          | 0.000        | 0.005        | 0.005       | 0      | 0.116        | 0.121        | 0.121        | 0.116        | 0.121        | 0.121        | N/A      |
|           |                   | Right         | 0.022          | 0.035        | 0.000        | 0.035       | 0.016  | 0.057        | 0.022        | 0.057        | 0.073        | 0.038        | 0.073        | N/A      |
|           |                   | Top           | 0.193          | 0.077        | 0.014        | 0.091       | 0.096  | 0.270        | 0.207        | 0.284        | 0.366        | 0.303        | 0.380        | N/A      |
|           |                   | Bottom        | 0.000          | 0.000        | 0.000        | 0           | 0      | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | N/A      |

| WWAN Band | Exposure position | Test position | WWAN Ant.1 SAR | 5G WIFI1 SAR | 5G WIFI2 SAR | 5G MIMO SAR | BT SAR | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | Case NO. |
|-----------|-------------------|---------------|----------------|--------------|--------------|-------------|--------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| LTE B2    | Head              | Left Cheek    | 0.199          | 0.613        | 0.130        | 0.743       | 0.259  | 0.812        | 0.329        | 0.942        | 1.071        | 0.588        | 1.201        | N/A      |
|           |                   | Left Tilt     | 0.066          | 0.331        | 0.152        | 0.483       | 0.315  | 0.397        | 0.218        | 0.549        | 0.712        | 0.533        | 0.864        | N/A      |
|           |                   | Right Cheek   | 0.118          | 0.296        | 0.353        | 0.649       | 0.167  | 0.414        | 0.471        | 0.767        | 0.581        | 0.638        | 0.934        | N/A      |
|           |                   | Right Tilt    | 0.095          | 0.305        | 0.255        | 0.56        | 0.2    | 0.400        | 0.35         | 0.655        | 0.600        | 0.55         | 0.855        | N/A      |
|           | Body-worn         | Front         | 0.608          | 0.080        | 0.009        | 0.089       | 0.022  | 0.688        | 0.617        | 0.697        | 0.710        | 0.639        | 0.719        | N/A      |
|           |                   | Back          | 0.46           | 0.037        | 0.025        | 0.062       | 0.03   | 0.497        | 0.485        | 0.522        | 0.527        | 0.515        | 0.552        | N/A      |
|           | Hotspot           | Front         | 0.293          | 0.087        | 0.022        | 0.109       | 0.042  | 0.380        | 0.315        | 0.402        | 0.422        | 0.357        | 0.444        | N/A      |
|           |                   | Back          | 0.307          | 0.051        | 0.044        | 0.095       | 0.048  | 0.358        | 0.351        | 0.402        | 0.406        | 0.399        | 0.450        | N/A      |
|           |                   | Left          | 0.091          | 0.000        | 0.005        | 0.005       | 0      | 0.091        | 0.096        | 0.096        | 0.091        | 0.096        | 0.096        | N/A      |
|           |                   | Right         | 0.024          | 0.035        | 0.000        | 0.035       | 0.016  | 0.059        | 0.024        | 0.059        | 0.075        | 0.04         | 0.075        | N/A      |
|           |                   | Top           | 0              | 0.077        | 0.014        | 0.091       | 0.096  | 0.077        | 0.014        | 0.091        | 0.173        | 0.11         | 0.187        | N/A      |
|           |                   | Bottom        | 0.743          | 0.000        | 0.000        | 0           | 0      | 0.743        | 0.743        | 0.743        | 0.743        | 0.743        | 0.743        | N/A      |
|           | Exposure position | Test position | WWAN Ant.2 SAR | 5G WIFI1 SAR | 5G WIFI2 SAR | 5G MIMO SAR | BT SAR | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | Case NO. |
|           | Head              | Left Cheek    | 0.343          | 0.613        | 0.130        | 0.743       | 0.259  | 0.956        | 0.473        | 1.086        | 1.215        | 0.732        | 1.345        | N/A      |
|           |                   | Left Tilt     | 0.557          | 0.331        | 0.152        | 0.483       | 0.315  | 0.888        | 0.709        | 1.040        | 1.203        | 1.024        | 1.355        | N/A      |
|           |                   | Right Cheek   | 0.437          | 0.296        | 0.353        | 0.649       | 0.167  | 0.733        | 0.790        | 1.086        | 0.900        | 0.957        | 1.253        | N/A      |
|           |                   | Right Tilt    | 0.380          | 0.305        | 0.255        | 0.56        | 0.2    | 0.685        | 0.635        | 0.940        | 0.885        | 0.835        | 1.140        | N/A      |
|           | Body-worn         | Front         | 0.203          | 0.080        | 0.009        | 0.089       | 0.022  | 0.283        | 0.212        | 0.292        | 0.305        | 0.234        | 0.314        | N/A      |
|           |                   | Back          | 0.285          | 0.037        | 0.025        | 0.062       | 0.03   | 0.322        | 0.310        | 0.347        | 0.352        | 0.340        | 0.377        | N/A      |
|           | Hotspot           | Front         | 0.163          | 0.087        | 0.022        | 0.109       | 0.042  | 0.250        | 0.185        | 0.272        | 0.292        | 0.227        | 0.314        | N/A      |
|           |                   | Back          | 0.202          | 0.051        | 0.044        | 0.095       | 0.048  | 0.253        | 0.246        | 0.297        | 0.301        | 0.294        | 0.345        | N/A      |
|           |                   | Left          | 0.192          | 0.000        | 0.005        | 0.005       | 0      | 0.192        | 0.197        | 0.197        | 0.192        | 0.197        | 0.197        | N/A      |
|           |                   | Right         | 0.033          | 0.035        | 0.000        | 0.035       | 0.016  | 0.068        | 0.033        | 0.068        | 0.084        | 0.049        | 0.084        | N/A      |
|           |                   | Top           | 0.310          | 0.077        | 0.014        | 0.091       | 0.096  | 0.387        | 0.324        | 0.401        | 0.483        | 0.420        | 0.497        | N/A      |
|           |                   | Bottom        | 0.000          | 0.000        | 0.000        | 0           | 0      | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | N/A      |

| WWAN Band | Exposure position | Test position | WWAN Ant.1 SAR | 5G WIFI1 SAR | 5G WIFI2 SAR | 5G MIMO SAR | BT SAR | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | Case NO. |
|-----------|-------------------|---------------|----------------|--------------|--------------|-------------|--------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| LTE B4    | Head              | Left Cheek    | 0.128          | 0.613        | 0.130        | 0.743       | 0.259  | 0.741        | 0.258        | 0.871        | 1.000        | 0.517        | 1.130        | N/A      |
|           |                   | Left Tilt     | 0.057          | 0.331        | 0.152        | 0.483       | 0.315  | 0.388        | 0.209        | 0.540        | 0.703        | 0.524        | 0.855        | N/A      |
|           |                   | Right Cheek   | 0.067          | 0.296        | 0.353        | 0.649       | 0.167  | 0.363        | 0.42         | 0.716        | 0.530        | 0.587        | 0.883        | N/A      |
|           |                   | Right Tilt    | 0.049          | 0.305        | 0.255        | 0.56        | 0.2    | 0.354        | 0.304        | 0.609        | 0.554        | 0.504        | 0.809        | N/A      |
|           | Body-worn         | Front         | 0.426          | 0.080        | 0.009        | 0.089       | 0.022  | 0.506        | 0.435        | 0.515        | 0.528        | 0.457        | 0.537        | N/A      |
|           |                   | Back          | 0.278          | 0.037        | 0.025        | 0.062       | 0.03   | 0.315        | 0.303        | 0.340        | 0.345        | 0.333        | 0.370        | N/A      |
|           | Hotspot           | Front         | 0.248          | 0.087        | 0.022        | 0.109       | 0.042  | 0.335        | 0.27         | 0.357        | 0.377        | 0.312        | 0.399        | N/A      |
|           |                   | Back          | 0.222          | 0.051        | 0.044        | 0.095       | 0.048  | 0.273        | 0.266        | 0.317        | 0.321        | 0.314        | 0.365        | N/A      |
|           |                   | Left          | 0.05           | 0.000        | 0.005        | 0.005       | 0      | 0.050        | 0.055        | 0.055        | 0.050        | 0.055        | 0.055        | N/A      |
|           |                   | Right         | 0.017          | 0.035        | 0.000        | 0.035       | 0.016  | 0.052        | 0.017        | 0.052        | 0.068        | 0.033        | 0.068        | N/A      |
|           |                   | Top           | 0              | 0.077        | 0.014        | 0.091       | 0.096  | 0.077        | 0.014        | 0.091        | 0.173        | 0.11         | 0.187        | N/A      |
|           |                   | Bottom        | 0.706          | 0.000        | 0.000        | 0           | 0      | 0.706        | 0.706        | 0.706        | 0.706        | 0.706        | 0.706        | N/A      |
|           | Exposure position | Test position | WWAN Ant.2 SAR | 5G WIFI1 SAR | 5G WIFI2 SAR | 5G MIMO SAR | BT SAR | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | Case NO. |
|           | Head              | Left Cheek    | 0.316          | 0.613        | 0.130        | 0.743       | 0.259  | 0.929        | 0.446        | 1.059        | 1.188        | 0.705        | 1.318        | N/A      |
|           |                   | Left Tilt     | 0.478          | 0.331        | 0.152        | 0.483       | 0.315  | 0.809        | 0.630        | 0.961        | 1.124        | 0.945        | 1.276        | N/A      |
|           |                   | Right Cheek   | 0.364          | 0.296        | 0.353        | 0.649       | 0.167  | 0.660        | 0.717        | 1.013        | 0.827        | 0.884        | 1.180        | N/A      |
|           |                   | Right Tilt    | 0.319          | 0.305        | 0.255        | 0.56        | 0.2    | 0.624        | 0.574        | 0.879        | 0.824        | 0.774        | 1.079        | N/A      |
|           | Body-worn         | Front         | 0.117          | 0.080        | 0.009        | 0.089       | 0.022  | 0.197        | 0.126        | 0.206        | 0.219        | 0.148        | 0.228        | N/A      |
|           |                   | Back          | 0.180          | 0.037        | 0.025        | 0.062       | 0.03   | 0.217        | 0.205        | 0.242        | 0.247        | 0.235        | 0.272        | N/A      |
|           | Hotspot           | Front         | 0.075          | 0.087        | 0.022        | 0.109       | 0.042  | 0.162        | 0.097        | 0.184        | 0.204        | 0.139        | 0.226        | N/A      |
|           |                   | Back          | 0.110          | 0.051        | 0.044        | 0.095       | 0.048  | 0.161        | 0.154        | 0.205        | 0.209        | 0.202        | 0.253        | N/A      |
|           |                   | Left          | 0.104          | 0.000        | 0.005        | 0.005       | 0      | 0.104        | 0.109        | 0.109        | 0.104        | 0.109        | 0.109        | N/A      |
|           |                   | Right         | 0.007          | 0.035        | 0.000        | 0.035       | 0.016  | 0.042        | 0.007        | 0.042        | 0.058        | 0.023        | 0.058        | N/A      |
|           |                   | Top           | 0.158          | 0.077        | 0.014        | 0.091       | 0.096  | 0.235        | 0.172        | 0.249        | 0.331        | 0.268        | 0.345        | N/A      |
|           |                   | Bottom        | 0.000          | 0.000        | 0.000        | 0           | 0      | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | N/A      |

| WWAN Band | Exposure position | Test position | WWAN Ant.1 SAR | 5G WIFI1 SAR | 5G WIFI2 SAR | 5G MIMO SAR | BT SAR | 1-g SAR | 1-g SAR | 1-g SAR | 1-g SAR | 1-g SAR | 1-g SAR | Case NO. |
|-----------|-------------------|---------------|----------------|--------------|--------------|-------------|--------|---------|---------|---------|---------|---------|---------|----------|
| LTE B5    | Head              | Left Cheek    | 0.138          | 0.613        | 0.130        | 0.743       | 0.259  | 0.751   | 0.268   | 0.881   | 1.010   | 0.527   | 1.140   | N/A      |
|           |                   | Left Tilt     | 0.104          | 0.331        | 0.152        | 0.483       | 0.315  | 0.435   | 0.256   | 0.587   | 0.750   | 0.571   | 0.902   | N/A      |
|           |                   | Right Cheek   | 0.278          | 0.296        | 0.353        | 0.649       | 0.167  | 0.574   | 0.631   | 0.927   | 0.741   | 0.798   | 1.094   | N/A      |
|           |                   | Right Tilt    | 0.091          | 0.305        | 0.255        | 0.56        | 0.2    | 0.396   | 0.346   | 0.651   | 0.596   | 0.546   | 0.851   | N/A      |
|           | Body-worn         | Front         | 0.25           | 0.080        | 0.009        | 0.089       | 0.022  | 0.330   | 0.259   | 0.339   | 0.352   | 0.281   | 0.361   | N/A      |
|           |                   | Back          | 0.363          | 0.037        | 0.025        | 0.062       | 0.03   | 0.400   | 0.388   | 0.425   | 0.430   | 0.418   | 0.455   | N/A      |
|           | Hotspot           | Front         | 0.364          | 0.087        | 0.022        | 0.109       | 0.042  | 0.451   | 0.386   | 0.473   | 0.493   | 0.428   | 0.515   | N/A      |
|           |                   | Back          | 0.549          | 0.051        | 0.044        | 0.095       | 0.048  | 0.600   | 0.593   | 0.644   | 0.648   | 0.641   | 0.692   | N/A      |
|           |                   | Left          | 0.137          | 0.000        | 0.005        | 0.005       | 0      | 0.137   | 0.142   | 0.142   | 0.137   | 0.142   | 0.142   | N/A      |
|           |                   | Right         | 0.397          | 0.035        | 0.000        | 0.035       | 0.016  | 0.432   | 0.397   | 0.432   | 0.448   | 0.413   | 0.448   | N/A      |
|           |                   | Top           | 0              | 0.077        | 0.014        | 0.091       | 0.096  | 0.077   | 0.014   | 0.091   | 0.173   | 0.11    | 0.187   | N/A      |
|           |                   | Bottom        | 0.276          | 0.000        | 0.000        | 0           | 0      | 0.276   | 0.276   | 0.276   | 0.276   | 0.276   | 0.276   | N/A      |
|           | Exposure position | Test position | WWAN Ant.2 SAR | 5G WIFI1 SAR | 5G WIFI2 SAR | 5G MIMO SAR | BT SAR | 1-g SAR | 1-g SAR | 1-g SAR | 1-g SAR | 1-g SAR | 1-g SAR | Case NO. |
|           | Head              | Left Cheek    | 0.202          | 0.613        | 0.130        | 0.743       | 0.259  | 0.815   | 0.332   | 0.945   | 1.074   | 0.591   | 1.204   | N/A      |
|           |                   | Left Tilt     | 0.542          | 0.331        | 0.152        | 0.483       | 0.315  | 0.873   | 0.694   | 1.025   | 1.188   | 1.009   | 1.340   | N/A      |
|           |                   | Right Cheek   | 0.706          | 0.296        | 0.353        | 0.649       | 0.167  | 1.002   | 1.059   | 1.355   | 1.169   | 1.226   | 1.522   | N/A      |
|           |                   | Right Tilt    | 0.601          | 0.305        | 0.255        | 0.56        | 0.2    | 0.906   | 0.856   | 1.161   | 1.106   | 1.056   | 1.361   | N/A      |
|           | Body-worn         | Front         | 0.317          | 0.080        | 0.009        | 0.089       | 0.022  | 0.397   | 0.326   | 0.406   | 0.419   | 0.348   | 0.428   | N/A      |
|           |                   | Back          | 0.263          | 0.037        | 0.025        | 0.062       | 0.03   | 0.300   | 0.288   | 0.325   | 0.330   | 0.318   | 0.355   | N/A      |
|           | Hotspot           | Front         | 0.283          | 0.087        | 0.022        | 0.109       | 0.042  | 0.370   | 0.305   | 0.392   | 0.412   | 0.347   | 0.434   | N/A      |
|           |                   | Back          | 0.294          | 0.051        | 0.044        | 0.095       | 0.048  | 0.345   | 0.338   | 0.389   | 0.393   | 0.386   | 0.437   | N/A      |
|           |                   | Left          | 0.114          | 0.000        | 0.005        | 0.005       | 0      | 0.114   | 0.119   | 0.119   | 0.114   | 0.119   | 0.119   | N/A      |
|           |                   | Right         | 0.026          | 0.035        | 0.000        | 0.035       | 0.016  | 0.061   | 0.026   | 0.061   | 0.077   | 0.042   | 0.077   | N/A      |
|           |                   | Top           | 0.194          | 0.077        | 0.014        | 0.091       | 0.096  | 0.271   | 0.208   | 0.285   | 0.367   | 0.304   | 0.381   | N/A      |
|           |                   | Bottom        | 0.000          | 0.000        | 0.000        | 0           | 0      | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | N/A      |

| WWAN Band | Exposure position | Test position | WWAN Ant.1 SAR | 5G WIFI1 SAR | 5G WIFI2 SAR | 5G MIMO SAR | BT SAR | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | Case NO. |
|-----------|-------------------|---------------|----------------|--------------|--------------|-------------|--------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| LTE B7    | Head              | Left Cheek    | 0.068          | 0.613        | 0.130        | 0.743       | 0.259  | 0.681        | 0.198        | 0.811        | 0.940        | 0.457        | 1.070        | N/A      |
|           |                   | Left Tilt     | 0.124          | 0.331        | 0.152        | 0.483       | 0.315  | 0.455        | 0.276        | 0.607        | 0.770        | 0.591        | 0.922        | N/A      |
|           |                   | Right Cheek   | 0.105          | 0.296        | 0.353        | 0.649       | 0.167  | 0.401        | 0.458        | 0.754        | 0.568        | 0.625        | 0.921        | N/A      |
|           |                   | Right Tilt    | 0.096          | 0.305        | 0.255        | 0.56        | 0.2    | 0.401        | 0.351        | 0.656        | 0.601        | 0.551        | 0.856        | N/A      |
|           | Body-worn         | Front         | 0.418          | 0.080        | 0.009        | 0.089       | 0.022  | 0.498        | 0.427        | 0.507        | 0.520        | 0.449        | 0.529        | N/A      |
|           |                   | Back          | 0.365          | 0.037        | 0.025        | 0.062       | 0.03   | 0.402        | 0.39         | 0.427        | 0.432        | 0.42         | 0.457        | N/A      |
|           | Hotspot           | Front         | 0.386          | 0.087        | 0.022        | 0.109       | 0.042  | 0.473        | 0.408        | 0.495        | 0.515        | 0.45         | 0.537        | N/A      |
|           |                   | Back          | 0.49           | 0.051        | 0.044        | 0.095       | 0.048  | 0.541        | 0.534        | 0.585        | 0.589        | 0.582        | 0.633        | N/A      |
|           |                   | Left          | 0.151          | 0.000        | 0.005        | 0.005       | 0      | 0.151        | 0.156        | 0.156        | 0.151        | 0.156        | 0.156        | N/A      |
|           |                   | Right         | 0.309          | 0.035        | 0.000        | 0.035       | 0.016  | 0.344        | 0.309        | 0.344        | 0.360        | 0.325        | 0.360        | N/A      |
|           |                   | Top           | 0              | 0.077        | 0.014        | 0.091       | 0.096  | 0.077        | 0.014        | 0.091        | 0.173        | 0.11         | 0.187        | N/A      |
|           |                   | Bottom        | 0.921          | 0.000        | 0.000        | 0           | 0      | 0.921        | 0.921        | 0.921        | 0.921        | 0.921        | 0.921        | N/A      |
|           | Exposure position | Test position | WWAN Ant.2 SAR | 5G WIFI1 SAR | 5G WIFI2 SAR | 5G MIMO SAR | BT SAR | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | Case NO. |
|           | Head              | Left Cheek    | 0.470          | 0.613        | 0.130        | 0.743       | 0.259  | 1.083        | 0.600        | 1.213        | 1.342        | 0.859        | 1.472        | N/A      |
|           |                   | Left Tilt     | 0.620          | 0.331        | 0.152        | 0.483       | 0.315  | 0.951        | 0.772        | 1.103        | 1.266        | 1.087        | 1.418        | N/A      |
|           |                   | Right Cheek   | 0.562          | 0.296        | 0.353        | 0.649       | 0.167  | 0.858        | 0.915        | 1.211        | 1.025        | 1.082        | 1.378        | N/A      |
|           |                   | Right Tilt    | 0.255          | 0.305        | 0.255        | 0.56        | 0.2    | 0.560        | 0.510        | 0.815        | 0.760        | 0.710        | 1.015        | N/A      |
|           | Body-worn         | Front         | 0.118          | 0.080        | 0.009        | 0.089       | 0.022  | 0.198        | 0.127        | 0.207        | 0.220        | 0.149        | 0.229        | N/A      |
|           |                   | Back          | 0.207          | 0.037        | 0.025        | 0.062       | 0.03   | 0.244        | 0.232        | 0.269        | 0.274        | 0.262        | 0.299        | N/A      |
|           | Hotspot           | Front         | 0.102          | 0.087        | 0.022        | 0.109       | 0.042  | 0.189        | 0.124        | 0.211        | 0.231        | 0.166        | 0.253        | N/A      |
|           |                   | Back          | 0.151          | 0.051        | 0.044        | 0.095       | 0.048  | 0.202        | 0.195        | 0.246        | 0.250        | 0.243        | 0.294        | N/A      |
|           |                   | Left          | 0.097          | 0.000        | 0.005        | 0.005       | 0      | 0.097        | 0.102        | 0.102        | 0.097        | 0.102        | 0.102        | N/A      |
|           |                   | Right         | 0.015          | 0.035        | 0.000        | 0.035       | 0.016  | 0.050        | 0.015        | 0.050        | 0.066        | 0.031        | 0.066        | N/A      |
|           |                   | Top           | 0.497          | 0.077        | 0.014        | 0.091       | 0.096  | 0.574        | 0.511        | 0.588        | 0.670        | 0.607        | 0.684        | N/A      |
|           |                   | Bottom        | 0.000          | 0.000        | 0.000        | 0           | 0      | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | N/A      |

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| WWAN Band | Exposure position | Test position | WWAN Ant.1 SAR | 5G WIFI1 SAR | 5G WIFI2 SAR | 5G MIMO SAR | BT SAR | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | Case NO. |
|-----------|-------------------|---------------|----------------|--------------|--------------|-------------|--------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| LTE B12   | Head              | Left Cheek    | 0.125          | 0.613        | 0.130        | 0.743       | 0.259  | 0.738        | 0.255        | 0.868        | 0.997        | 0.514        | 1.127        | N/A      |
|           |                   | Left Tilt     | 0.104          | 0.331        | 0.152        | 0.483       | 0.315  | 0.435        | 0.256        | 0.587        | 0.750        | 0.571        | 0.902        | N/A      |
|           |                   | Right Cheek   | 0.194          | 0.296        | 0.353        | 0.649       | 0.167  | 0.490        | 0.547        | 0.843        | 0.657        | 0.714        | 1.010        | N/A      |
|           |                   | Right Tilt    | 0.1            | 0.305        | 0.255        | 0.56        | 0.2    | 0.405        | 0.355        | 0.660        | 0.605        | 0.555        | 0.860        | N/A      |
|           | Body-worn         | Front         | 0.25           | 0.080        | 0.009        | 0.089       | 0.022  | 0.330        | 0.259        | 0.339        | 0.352        | 0.281        | 0.361        | N/A      |
|           |                   | Back          | 0.33           | 0.037        | 0.025        | 0.062       | 0.03   | 0.367        | 0.355        | 0.392        | 0.397        | 0.385        | 0.422        | N/A      |
|           | Hotspot           | Front         | 0.345          | 0.087        | 0.022        | 0.109       | 0.042  | 0.432        | 0.367        | 0.454        | 0.474        | 0.409        | 0.496        | N/A      |
|           |                   | Back          | 0.423          | 0.051        | 0.044        | 0.095       | 0.048  | 0.474        | 0.467        | 0.518        | 0.522        | 0.515        | 0.566        | N/A      |
|           |                   | Left          | 0.401          | 0.000        | 0.005        | 0.005       | 0      | 0.401        | 0.406        | 0.406        | 0.401        | 0.406        | 0.406        | N/A      |
|           |                   | Right         | 0.442          | 0.035        | 0.000        | 0.035       | 0.016  | 0.477        | 0.442        | 0.477        | 0.493        | 0.458        | 0.493        | N/A      |
|           |                   | Top           | 0              | 0.077        | 0.014        | 0.091       | 0.096  | 0.077        | 0.014        | 0.091        | 0.173        | 0.11         | 0.187        | N/A      |
|           |                   | Bottom        | 0.223          | 0.000        | 0.000        | 0           | 0      | 0.223        | 0.223        | 0.223        | 0.223        | 0.223        | 0.223        | N/A      |
|           | Exposure position | Test position | WWAN Ant.2 SAR | 5G WIFI1 SAR | 5G WIFI2 SAR | 5G MIMO SAR | BT SAR | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | Case NO. |
|           | Head              | Left Cheek    | 0.175          | 0.613        | 0.130        | 0.743       | 0.259  | 0.788        | 0.305        | 0.918        | 1.047        | 0.564        | 1.177        | N/A      |
|           |                   | Left Tilt     | 0.621          | 0.331        | 0.152        | 0.483       | 0.315  | 0.952        | 0.773        | 1.104        | 1.267        | 1.088        | 1.419        | N/A      |
|           |                   | Right Cheek   | 0.661          | 0.296        | 0.353        | 0.649       | 0.167  | 0.957        | 1.014        | 1.310        | 1.124        | 1.181        | 1.477        | N/A      |
|           |                   | Right Tilt    | 0.657          | 0.305        | 0.255        | 0.56        | 0.2    | 0.962        | 0.912        | 1.217        | 1.162        | 1.112        | 1.417        | N/A      |
|           | Body-worn         | Front         | 0.221          | 0.080        | 0.009        | 0.089       | 0.022  | 0.301        | 0.230        | 0.310        | 0.323        | 0.252        | 0.332        | N/A      |
|           |                   | Back          | 0.184          | 0.037        | 0.025        | 0.062       | 0.03   | 0.221        | 0.209        | 0.246        | 0.251        | 0.239        | 0.276        | N/A      |
|           | Hotspot           | Front         | 0.211          | 0.087        | 0.022        | 0.109       | 0.042  | 0.298        | 0.233        | 0.320        | 0.340        | 0.275        | 0.362        | N/A      |
|           |                   | Back          | 0.209          | 0.051        | 0.044        | 0.095       | 0.048  | 0.260        | 0.253        | 0.304        | 0.308        | 0.301        | 0.352        | N/A      |
|           |                   | Left          | 0.079          | 0.000        | 0.005        | 0.005       | 0      | 0.079        | 0.084        | 0.084        | 0.079        | 0.084        | 0.084        | N/A      |
|           |                   | Right         | 0.018          | 0.035        | 0.000        | 0.035       | 0.016  | 0.053        | 0.018        | 0.053        | 0.069        | 0.034        | 0.069        | N/A      |
|           |                   | Top           | 0.177          | 0.077        | 0.014        | 0.091       | 0.096  | 0.254        | 0.191        | 0.268        | 0.350        | 0.287        | 0.364        | N/A      |
|           |                   | Bottom        | 0.000          | 0.000        | 0.000        | 0           | 0      | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | N/A      |



| WWAN Band | Exposure position | Test position | WWAN Ant.1 SAR | 5G WIFI1 SAR | 5G WIFI2 SAR | 5G MIMO SAR | BT SAR | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | Case NO. |
|-----------|-------------------|---------------|----------------|--------------|--------------|-------------|--------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| LTE B17   | Head              | Left Cheek    | 0.126          | 0.613        | 0.130        | 0.743       | 0.259  | 0.739        | 0.256        | 0.869        | 0.998        | 0.515        | 1.128        | N/A      |
|           |                   | Left Tilt     | 0.1            | 0.331        | 0.152        | 0.483       | 0.315  | 0.431        | 0.252        | 0.583        | 0.746        | 0.567        | 0.898        | N/A      |
|           |                   | Right Cheek   | 0.196          | 0.296        | 0.353        | 0.649       | 0.167  | 0.492        | 0.549        | 0.845        | 0.659        | 0.716        | 1.012        | N/A      |
|           |                   | Right Tilt    | 0.098          | 0.305        | 0.255        | 0.56        | 0.2    | 0.403        | 0.353        | 0.658        | 0.603        | 0.553        | 0.858        | N/A      |
|           | Body-worn         | Front         | 0.244          | 0.080        | 0.009        | 0.089       | 0.022  | 0.324        | 0.253        | 0.333        | 0.346        | 0.275        | 0.355        | N/A      |
|           |                   | Back          | 0.342          | 0.037        | 0.025        | 0.062       | 0.03   | 0.379        | 0.367        | 0.404        | 0.409        | 0.397        | 0.434        | N/A      |
|           | Hotspot           | Front         | 0.334          | 0.087        | 0.022        | 0.109       | 0.042  | 0.421        | 0.356        | 0.443        | 0.463        | 0.398        | 0.485        | N/A      |
|           |                   | Back          | 0.405          | 0.051        | 0.044        | 0.095       | 0.048  | 0.456        | 0.449        | 0.500        | 0.504        | 0.497        | 0.548        | N/A      |
|           |                   | Left          | 0.386          | 0.000        | 0.005        | 0.005       | 0      | 0.386        | 0.391        | 0.391        | 0.386        | 0.391        | 0.391        | N/A      |
|           |                   | Right         | 0.45           | 0.035        | 0.000        | 0.035       | 0.016  | 0.485        | 0.45         | 0.485        | 0.501        | 0.466        | 0.501        | N/A      |
|           |                   | Top           | 0              | 0.077        | 0.014        | 0.091       | 0.096  | 0.077        | 0.014        | 0.091        | 0.173        | 0.11         | 0.187        | N/A      |
|           |                   | Bottom        | 0.223          | 0.000        | 0.000        | 0           | 0      | 0.223        | 0.223        | 0.223        | 0.223        | 0.223        | 0.223        | N/A      |
|           | Exposure position | Test position | WWAN Ant.2 SAR | 5G WIFI1 SAR | 5G WIFI2 SAR | 5G MIMO SAR | BT SAR | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | Case NO. |
|           | Head              | Left Cheek    | 0.136          | 0.613        | 0.130        | 0.743       | 0.259  | 0.749        | 0.266        | 0.879        | 1.008        | 0.525        | 1.138        | N/A      |
|           |                   | Left Tilt     | 0.499          | 0.331        | 0.152        | 0.483       | 0.315  | 0.830        | 0.651        | 0.982        | 1.145        | 0.966        | 1.297        | N/A      |
|           |                   | Right Cheek   | 0.176          | 0.296        | 0.353        | 0.649       | 0.167  | 0.472        | 0.529        | 0.825        | 0.639        | 0.696        | 0.992        | N/A      |
|           |                   | Right Tilt    | 0.637          | 0.305        | 0.255        | 0.56        | 0.2    | 0.942        | 0.892        | 1.197        | 1.142        | 1.092        | 1.397        | N/A      |
|           | Body-worn         | Front         | 0.209          | 0.080        | 0.009        | 0.089       | 0.022  | 0.289        | 0.218        | 0.298        | 0.311        | 0.240        | 0.320        | N/A      |
|           |                   | Back          | 0.172          | 0.037        | 0.025        | 0.062       | 0.03   | 0.209        | 0.197        | 0.234        | 0.239        | 0.227        | 0.264        | N/A      |
|           | Hotspot           | Front         | 0.215          | 0.087        | 0.022        | 0.109       | 0.042  | 0.302        | 0.237        | 0.324        | 0.344        | 0.279        | 0.366        | N/A      |
|           |                   | Back          | 0.208          | 0.051        | 0.044        | 0.095       | 0.048  | 0.259        | 0.252        | 0.303        | 0.307        | 0.300        | 0.351        | N/A      |
|           |                   | Left          | 0.080          | 0.000        | 0.005        | 0.005       | 0      | 0.080        | 0.085        | 0.085        | 0.080        | 0.085        | 0.085        | N/A      |
|           |                   | Right         | 0.018          | 0.035        | 0.000        | 0.035       | 0.016  | 0.053        | 0.018        | 0.053        | 0.069        | 0.034        | 0.069        | N/A      |
|           |                   | Top           | 0.179          | 0.077        | 0.014        | 0.091       | 0.096  | 0.256        | 0.193        | 0.270        | 0.352        | 0.289        | 0.366        | N/A      |
|           |                   | Bottom        | 0.000          | 0.000        | 0.000        | 0           | 0      | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | N/A      |

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| WWAN Band | Exposure position | Test position | WWAN Ant.1 SAR | 5G WIFI1 SAR | 5G WIFI2 SAR | 5G MIMO SAR | BT SAR | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | Case NO. |
|-----------|-------------------|---------------|----------------|--------------|--------------|-------------|--------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| LTE B26   | Head              | Left Cheek    | 0.108          | 0.613        | 0.130        | 0.743       | 0.259  | 0.721        | 0.238        | 0.851        | 0.980        | 0.497        | 1.110        | N/A      |
|           |                   | Left Tilt     | 0.067          | 0.331        | 0.152        | 0.483       | 0.315  | 0.398        | 0.219        | 0.550        | 0.713        | 0.534        | 0.865        | N/A      |
|           |                   | Right Cheek   | 0.256          | 0.296        | 0.353        | 0.649       | 0.167  | 0.552        | 0.609        | 0.905        | 0.719        | 0.776        | 1.072        | N/A      |
|           |                   | Right Tilt    | 0.073          | 0.305        | 0.255        | 0.56        | 0.2    | 0.378        | 0.328        | 0.633        | 0.578        | 0.528        | 0.833        | N/A      |
|           | Body-worn         | Front         | 0.209          | 0.080        | 0.009        | 0.089       | 0.022  | 0.289        | 0.218        | 0.298        | 0.311        | 0.24         | 0.320        | N/A      |
|           |                   | Back          | 0.348          | 0.037        | 0.025        | 0.062       | 0.03   | 0.385        | 0.373        | 0.410        | 0.415        | 0.403        | 0.440        | N/A      |
|           | Hotspot           | Front         | 0.29           | 0.087        | 0.022        | 0.109       | 0.042  | 0.377        | 0.312        | 0.399        | 0.419        | 0.354        | 0.441        | N/A      |
|           |                   | Back          | 0.493          | 0.051        | 0.044        | 0.095       | 0.048  | 0.544        | 0.537        | 0.588        | 0.592        | 0.585        | 0.636        | N/A      |
|           |                   | Left          | 0.123          | 0.000        | 0.005        | 0.005       | 0      | 0.123        | 0.128        | 0.128        | 0.123        | 0.128        | 0.128        | N/A      |
|           |                   | Right         | 0.327          | 0.035        | 0.000        | 0.035       | 0.016  | 0.362        | 0.327        | 0.362        | 0.378        | 0.343        | 0.378        | N/A      |
|           |                   | Top           | 0              | 0.077        | 0.014        | 0.091       | 0.096  | 0.077        | 0.014        | 0.091        | 0.173        | 0.11         | 0.187        | N/A      |
|           |                   | Bottom        | 0.221          | 0.000        | 0.000        | 0           | 0      | 0.221        | 0.221        | 0.221        | 0.221        | 0.221        | 0.221        | N/A      |
|           | Exposure position | Test position | WWAN Ant.2 SAR | 5G WIFI1 SAR | 5G WIFI2 SAR | 5G MIMO SAR | BT SAR | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | Case NO. |
|           | Head              | Left Cheek    | 0.158          | 0.613        | 0.130        | 0.743       | 0.259  | 0.771        | 0.288        | 0.901        | 1.030        | 0.547        | 1.160        | N/A      |
|           |                   | Left Tilt     | 0.461          | 0.331        | 0.152        | 0.483       | 0.315  | 0.792        | 0.613        | 0.944        | 1.107        | 0.928        | 1.259        | N/A      |
|           |                   | Right Cheek   | 0.668          | 0.296        | 0.353        | 0.649       | 0.167  | 0.964        | 1.021        | 1.317        | 1.131        | 1.188        | 1.484        | N/A      |
|           |                   | Right Tilt    | 0.541          | 0.305        | 0.255        | 0.56        | 0.2    | 0.846        | 0.796        | 1.101        | 1.046        | 0.996        | 1.301        | N/A      |
|           | Body-worn         | Front         | 0.250          | 0.080        | 0.009        | 0.089       | 0.022  | 0.330        | 0.259        | 0.339        | 0.352        | 0.281        | 0.361        | N/A      |
|           |                   | Back          | 0.288          | 0.037        | 0.025        | 0.062       | 0.03   | 0.325        | 0.313        | 0.350        | 0.355        | 0.343        | 0.380        | N/A      |
|           | Hotspot           | Front         | 0.269          | 0.087        | 0.022        | 0.109       | 0.042  | 0.356        | 0.291        | 0.378        | 0.398        | 0.333        | 0.420        | N/A      |
|           |                   | Back          | 0.255          | 0.051        | 0.044        | 0.095       | 0.048  | 0.306        | 0.299        | 0.350        | 0.354        | 0.347        | 0.398        | N/A      |
|           |                   | Left          | 0.110          | 0.000        | 0.005        | 0.005       | 0      | 0.110        | 0.115        | 0.115        | 0.110        | 0.115        | 0.115        | N/A      |
|           |                   | Right         | 0.029          | 0.035        | 0.000        | 0.035       | 0.016  | 0.064        | 0.029        | 0.064        | 0.080        | 0.045        | 0.080        | N/A      |
|           |                   | Top           | 0.200          | 0.077        | 0.014        | 0.091       | 0.096  | 0.277        | 0.214        | 0.291        | 0.373        | 0.310        | 0.387        | N/A      |
|           |                   | Bottom        | 0.000          | 0.000        | 0.000        | 0           | 0      | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | N/A      |

| WWAN Band | Exposure position | Test position | WWAN Ant.1 SAR | 5G WIFI1 SAR | 5G WIFI2 SAR | 5G MIMO SAR | BT SAR | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | Case NO. |
|-----------|-------------------|---------------|----------------|--------------|--------------|-------------|--------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| LTE B38   | Head              | Left Cheek    | 0.07           | 0.613        | 0.130        | 0.743       | 0.259  | 0.683        | 0.2          | 0.813        | 0.942        | 0.459        | 1.072        | N/A      |
|           |                   | Left Tilt     | 0.082          | 0.331        | 0.152        | 0.483       | 0.315  | 0.413        | 0.234        | 0.565        | 0.728        | 0.549        | 0.880        | N/A      |
|           |                   | Right Cheek   | 0.096          | 0.296        | 0.353        | 0.649       | 0.167  | 0.392        | 0.449        | 0.745        | 0.559        | 0.616        | 0.912        | N/A      |
|           |                   | Right Tilt    | 0.077          | 0.305        | 0.255        | 0.56        | 0.2    | 0.382        | 0.332        | 0.637        | 0.582        | 0.532        | 0.837        | N/A      |
|           | Body-worn         | Front         | 0.359          | 0.080        | 0.009        | 0.089       | 0.022  | 0.439        | 0.368        | 0.448        | 0.461        | 0.39         | 0.470        | N/A      |
|           |                   | Back          | 0.376          | 0.037        | 0.025        | 0.062       | 0.03   | 0.413        | 0.401        | 0.438        | 0.443        | 0.431        | 0.468        | N/A      |
|           | Hotspot           | Front         | 0.358          | 0.087        | 0.022        | 0.109       | 0.042  | 0.445        | 0.38         | 0.467        | 0.487        | 0.422        | 0.509        | N/A      |
|           |                   | Back          | 0.379          | 0.051        | 0.044        | 0.095       | 0.048  | 0.430        | 0.423        | 0.474        | 0.478        | 0.471        | 0.522        | N/A      |
|           |                   | Left          | 0.153          | 0.000        | 0.005        | 0.005       | 0      | 0.153        | 0.158        | 0.158        | 0.153        | 0.158        | 0.158        | N/A      |
|           |                   | Right         | 0.262          | 0.035        | 0.000        | 0.035       | 0.016  | 0.297        | 0.262        | 0.297        | 0.313        | 0.278        | 0.313        | N/A      |
|           |                   | Top           | 0              | 0.077        | 0.014        | 0.091       | 0.096  | 0.077        | 0.014        | 0.091        | 0.173        | 0.11         | 0.187        | N/A      |
|           |                   | Bottom        | 0.72           | 0.000        | 0.000        | 0           | 0      | 0.720        | 0.72         | 0.720        | 0.720        | 0.72         | 0.720        | N/A      |
|           | Exposure position | Test position | WWAN Ant.2 SAR | 5G WIFI1 SAR | 5G WIFI2 SAR | 5G MIMO SAR | BT SAR | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | Case NO. |
|           | Head              | Left Cheek    | 0.481          | 0.613        | 0.130        | 0.743       | 0.259  | 1.094        | 0.611        | 1.224        | 1.353        | 0.870        | 1.483        | N/A      |
|           |                   | Left Tilt     | 0.599          | 0.331        | 0.152        | 0.483       | 0.315  | 0.930        | 0.751        | 1.082        | 1.245        | 1.066        | 1.397        | N/A      |
|           |                   | Right Cheek   | 0.646          | 0.296        | 0.353        | 0.649       | 0.167  | 0.942        | 0.999        | 1.295        | 1.109        | 1.166        | 1.462        | N/A      |
|           |                   | Right Tilt    | 0.234          | 0.305        | 0.255        | 0.56        | 0.2    | 0.539        | 0.489        | 0.794        | 0.739        | 0.689        | 0.994        | N/A      |
|           | Body-worn         | Front         | 0.121          | 0.080        | 0.009        | 0.089       | 0.022  | 0.201        | 0.130        | 0.210        | 0.223        | 0.152        | 0.232        | N/A      |
|           |                   | Back          | 0.161          | 0.037        | 0.025        | 0.062       | 0.03   | 0.198        | 0.186        | 0.223        | 0.228        | 0.216        | 0.253        | N/A      |
|           | Hotspot           | Front         | 0.091          | 0.087        | 0.022        | 0.109       | 0.042  | 0.178        | 0.113        | 0.200        | 0.220        | 0.155        | 0.242        | N/A      |
|           |                   | Back          | 0.124          | 0.051        | 0.044        | 0.095       | 0.048  | 0.175        | 0.168        | 0.219        | 0.223        | 0.216        | 0.267        | N/A      |
|           |                   | Left          | 0.070          | 0.000        | 0.005        | 0.005       | 0      | 0.070        | 0.075        | 0.075        | 0.070        | 0.075        | 0.075        | N/A      |
|           |                   | Right         | 0.013          | 0.035        | 0.000        | 0.035       | 0.016  | 0.048        | 0.013        | 0.048        | 0.064        | 0.029        | 0.064        | N/A      |
|           |                   | Top           | 0.375          | 0.077        | 0.014        | 0.091       | 0.096  | 0.452        | 0.389        | 0.466        | 0.548        | 0.485        | 0.562        | N/A      |
|           |                   | Bottom        | 0.000          | 0.000        | 0.000        | 0           | 0      | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | N/A      |

| WWAN Band | Exposure position | Test position | WWAN Ant.1 SAR | 5G WIFI1 SAR | 5G WIFI2 SAR | 5G MIMO SAR | BT SAR | 1-g SAR | 1-g SAR | 1-g SAR | 1-g SAR | 1-g SAR | 1-g SAR | Case NO. |
|-----------|-------------------|---------------|----------------|--------------|--------------|-------------|--------|---------|---------|---------|---------|---------|---------|----------|
| LTE B40   | Head              | Left Cheek    | 0.088          | 0.613        | 0.130        | 0.743       | 0.259  | 0.701   | 0.218   | 0.831   | 0.960   | 0.477   | 1.090   | N/A      |
|           |                   | Left Tilt     | 0.068          | 0.331        | 0.152        | 0.483       | 0.315  | 0.399   | 0.22    | 0.551   | 0.714   | 0.535   | 0.866   | N/A      |
|           |                   | Right Cheek   | 0.145          | 0.296        | 0.353        | 0.649       | 0.167  | 0.441   | 0.498   | 0.794   | 0.608   | 0.665   | 0.961   | N/A      |
|           |                   | Right Tilt    | 0.086          | 0.305        | 0.255        | 0.56        | 0.2    | 0.391   | 0.341   | 0.646   | 0.591   | 0.541   | 0.846   | N/A      |
|           | Body-worn         | Front         | 0.454          | 0.080        | 0.009        | 0.089       | 0.022  | 0.534   | 0.463   | 0.543   | 0.556   | 0.485   | 0.565   | N/A      |
|           |                   | Back          | 0.585          | 0.037        | 0.025        | 0.062       | 0.03   | 0.622   | 0.61    | 0.647   | 0.652   | 0.64    | 0.677   | N/A      |
|           | Hotspot           | Front         | 0.299          | 0.087        | 0.022        | 0.109       | 0.042  | 0.386   | 0.321   | 0.408   | 0.428   | 0.363   | 0.450   | N/A      |
|           |                   | Back          | 0.352          | 0.051        | 0.044        | 0.095       | 0.048  | 0.403   | 0.396   | 0.447   | 0.451   | 0.444   | 0.495   | N/A      |
|           |                   | Left          | 0.056          | 0.000        | 0.005        | 0.005       | 0      | 0.056   | 0.061   | 0.061   | 0.056   | 0.061   | 0.061   | N/A      |
|           |                   | Right         | 0.041          | 0.035        | 0.000        | 0.035       | 0.016  | 0.076   | 0.041   | 0.076   | 0.092   | 0.057   | 0.092   | N/A      |
|           |                   | Top           | 0              | 0.077        | 0.014        | 0.091       | 0.096  | 0.077   | 0.014   | 0.091   | 0.173   | 0.11    | 0.187   | N/A      |
|           |                   | Bottom        | 0.808          | 0.000        | 0.000        | 0           | 0      | 0.808   | 0.808   | 0.808   | 0.808   | 0.808   | 0.808   | N/A      |
|           | Exposure position | Test position | WWAN Ant.2 SAR | 5G WIFI1 SAR | 5G WIFI2 SAR | 5G MIMO SAR | BT SAR | 1-g SAR | 1-g SAR | 1-g SAR | 1-g SAR | 1-g SAR | 1-g SAR | Case NO. |
|           | Head              | Left Cheek    | 0.423          | 0.613        | 0.130        | 0.743       | 0.259  | 1.036   | 0.553   | 1.166   | 1.295   | 0.812   | 1.425   | N/A      |
|           |                   | Left Tilt     | 0.471          | 0.331        | 0.152        | 0.483       | 0.315  | 0.802   | 0.623   | 0.954   | 1.117   | 0.938   | 1.269   | N/A      |
|           |                   | Right Cheek   | 0.510          | 0.296        | 0.353        | 0.649       | 0.167  | 0.806   | 0.863   | 1.159   | 0.973   | 1.030   | 1.326   | N/A      |
|           |                   | Right Tilt    | 0.284          | 0.305        | 0.255        | 0.56        | 0.2    | 0.589   | 0.539   | 0.844   | 0.789   | 0.739   | 1.044   | N/A      |
|           | Body-worn         | Front         | 0.126          | 0.080        | 0.009        | 0.089       | 0.022  | 0.206   | 0.135   | 0.215   | 0.228   | 0.157   | 0.237   | N/A      |
|           |                   | Back          | 0.184          | 0.037        | 0.025        | 0.062       | 0.03   | 0.221   | 0.209   | 0.246   | 0.251   | 0.239   | 0.276   | N/A      |
|           | Hotspot           | Front         | 0.042          | 0.087        | 0.022        | 0.109       | 0.042  | 0.129   | 0.064   | 0.151   | 0.171   | 0.106   | 0.193   | N/A      |
|           |                   | Back          | 0.063          | 0.051        | 0.044        | 0.095       | 0.048  | 0.114   | 0.107   | 0.158   | 0.162   | 0.155   | 0.206   | N/A      |
|           |                   | Left          | 0.033          | 0.000        | 0.005        | 0.005       | 0      | 0.033   | 0.038   | 0.038   | 0.033   | 0.038   | 0.038   | N/A      |
|           |                   | Right         | 0.005          | 0.035        | 0.000        | 0.035       | 0.016  | 0.040   | 0.005   | 0.040   | 0.056   | 0.021   | 0.056   | N/A      |
|           |                   | Top           | 0.182          | 0.077        | 0.014        | 0.091       | 0.096  | 0.259   | 0.196   | 0.273   | 0.355   | 0.292   | 0.369   | N/A      |
|           |                   | Bottom        | 0.000          | 0.000        | 0.000        | 0           | 0      | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | N/A      |

| WWAN Band | Exposure position | Test position | WWAN Ant.1 SAR | 5G WIFI1 SAR | 5G WIFI2 SAR | 5G MIMO SAR | BT SAR | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | Case NO. |
|-----------|-------------------|---------------|----------------|--------------|--------------|-------------|--------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| LTE B41   | Head              | Left Cheek    | 0.072          | 0.613        | 0.130        | 0.743       | 0.259  | 0.685        | 0.202        | 0.815        | 0.944        | 0.461        | 1.074        | N/A      |
|           |                   | Left Tilt     | 0.084          | 0.331        | 0.152        | 0.483       | 0.315  | 0.415        | 0.236        | 0.567        | 0.730        | 0.551        | 0.882        | N/A      |
|           |                   | Right Cheek   | 0.107          | 0.296        | 0.353        | 0.649       | 0.167  | 0.403        | 0.46         | 0.756        | 0.570        | 0.627        | 0.923        | N/A      |
|           |                   | Right Tilt    | 0.078          | 0.305        | 0.255        | 0.56        | 0.2    | 0.383        | 0.333        | 0.638        | 0.583        | 0.533        | 0.838        | N/A      |
|           | Body-worn         | Front         | 0.267          | 0.080        | 0.009        | 0.089       | 0.022  | 0.347        | 0.276        | 0.356        | 0.369        | 0.298        | 0.378        | N/A      |
|           |                   | Back          | 0.402          | 0.037        | 0.025        | 0.062       | 0.03   | 0.439        | 0.427        | 0.464        | 0.469        | 0.457        | 0.494        | N/A      |
|           | Hotspot           | Front         | 0.402          | 0.087        | 0.022        | 0.109       | 0.042  | 0.489        | 0.424        | 0.511        | 0.531        | 0.466        | 0.553        | N/A      |
|           |                   | Back          | 0.491          | 0.051        | 0.044        | 0.095       | 0.048  | 0.542        | 0.535        | 0.586        | 0.590        | 0.583        | 0.634        | N/A      |
|           |                   | Left          | 0.137          | 0.000        | 0.005        | 0.005       | 0      | 0.137        | 0.142        | 0.142        | 0.137        | 0.142        | 0.142        | N/A      |
|           |                   | Right         | 0.262          | 0.035        | 0.000        | 0.035       | 0.016  | 0.297        | 0.262        | 0.297        | 0.313        | 0.278        | 0.313        | N/A      |
|           |                   | Top           | 0              | 0.077        | 0.014        | 0.091       | 0.096  | 0.077        | 0.014        | 0.091        | 0.173        | 0.11         | 0.187        | N/A      |
|           |                   | Bottom        | 0.868          | 0.000        | 0.000        | 0           | 0      | 0.868        | 0.868        | 0.868        | 0.868        | 0.868        | 0.868        | N/A      |
|           | Exposure position | Test position | WWAN Ant.2 SAR | 5G WIFI1 SAR | 5G WIFI2 SAR | 5G MIMO SAR | BT SAR | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | 1-g SAR □+ □ | Case NO. |
|           | Head              | Left Cheek    | 0.500          | 0.613        | 0.130        | 0.743       | 0.259  | 1.113        | 0.630        | 1.243        | 1.372        | 0.889        | 1.502        | N/A      |
|           |                   | Left Tilt     | 0.611          | 0.331        | 0.152        | 0.483       | 0.315  | 0.942        | 0.763        | 1.094        | 1.257        | 1.078        | 1.409        | N/A      |
|           |                   | Right Cheek   | 0.234          | 0.296        | 0.353        | 0.649       | 0.167  | 0.530        | 0.587        | 0.883        | 0.697        | 0.754        | 1.050        | N/A      |
|           |                   | Right Tilt    | 0.254          | 0.305        | 0.255        | 0.56        | 0.2    | 0.559        | 0.509        | 0.814        | 0.759        | 0.709        | 1.014        | N/A      |
|           | Body-worn         | Front         | 0.136          | 0.080        | 0.009        | 0.089       | 0.022  | 0.216        | 0.145        | 0.225        | 0.238        | 0.167        | 0.247        | N/A      |
|           |                   | Back          | 0.179          | 0.037        | 0.025        | 0.062       | 0.03   | 0.216        | 0.204        | 0.241        | 0.246        | 0.234        | 0.271        | N/A      |
|           | Hotspot           | Front         | 0.127          | 0.087        | 0.022        | 0.109       | 0.042  | 0.214        | 0.149        | 0.236        | 0.256        | 0.191        | 0.278        | N/A      |
|           |                   | Back          | 0.164          | 0.051        | 0.044        | 0.095       | 0.048  | 0.215        | 0.208        | 0.259        | 0.263        | 0.256        | 0.307        | N/A      |
|           |                   | Left          | 0.090          | 0.000        | 0.005        | 0.005       | 0      | 0.090        | 0.095        | 0.095        | 0.090        | 0.095        | 0.095        | N/A      |
|           |                   | Right         | 0.020          | 0.035        | 0.000        | 0.035       | 0.016  | 0.055        | 0.020        | 0.055        | 0.071        | 0.036        | 0.071        | N/A      |
|           |                   | Top           | 0.439          | 0.077        | 0.014        | 0.091       | 0.096  | 0.516        | 0.453        | 0.530        | 0.612        | 0.549        | 0.626        | N/A      |
|           |                   | Bottom        | 0.000          | 0.000        | 0.000        | 0           | 0      | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | 0.000        | N/A      |



| WWAN Band  | Exposure position | Test position | □<br>WWAN<br>Ant.1<br>SAR | □<br>2.4G<br>WIFI1<br>SAR | □<br>5G<br>WIFI2<br>SAR | □ 1-g<br>SAR<br>□ + □ +<br>□ | Case<br>NO. |
|------------|-------------------|---------------|---------------------------|---------------------------|-------------------------|------------------------------|-------------|
| GSM<br>850 | Head              | Left Cheek    | 0.256                     | 0.286                     | 0.13                    | 0.672                        | N/A         |
|            |                   | Left Tilt     | 0.165                     | 0.476                     | 0.152                   | 0.793                        | N/A         |
|            |                   | Right Cheek   | 0.376                     | 0.242                     | 0.353                   | 0.971                        | N/A         |
|            |                   | Right Tilt    | 0.149                     | 0.262                     | 0.255                   | 0.666                        | N/A         |
|            | Body-worn         | Front(voice)  | 0.325                     | 0.087                     | 0.009                   | 0.421                        | N/A         |
|            |                   | Back(voice)   | 0.499                     | 0.182                     | 0.025                   | 0.706                        | N/A         |
|            |                   | Front(data)   | 0.269                     | 0.087                     | 0.009                   | 0.365                        | N/A         |
|            |                   | Back(data)    | 0.38                      | 0.182                     | 0.025                   | 0.587                        | N/A         |
|            | Hotspot           | Front         | 0.375                     | 0.157                     | 0.022                   | 0.554                        | N/A         |
|            |                   | Back          | 0.691                     | 0.271                     | 0.044                   | 1.006                        | N/A         |
|            |                   | Left          | 0.114                     | 0.000                     | 0.005                   | 0.119                        | N/A         |
|            |                   | Right         | 0.492                     | 0.119                     | 0                       | 0.611                        | N/A         |
|            |                   | Top           | 0                         | 0.760                     | 0.014                   | 0.774                        | N/A         |
|            |                   | Bottom        | 0.349                     | 0.000                     | 0                       | 0.349                        | N/A         |
|            | Exposure position | Test position | □<br>WWAN<br>Ant.2<br>SAR | □<br>2.4G<br>WIFI1<br>SAR | □<br>5G<br>WIFI2<br>SAR | □ 1-g<br>SAR<br>□ + □ +<br>□ | Case<br>NO. |
|            | Head              | Left Cheek    | 0.725                     | 0.286                     | 0.13                    | 1.141                        | N/A         |
|            |                   | Left Tilt     | 0.601                     | 0.476                     | 0.152                   | 1.229                        | N/A         |
|            |                   | Right Cheek   | 0.687                     | 0.242                     | 0.353                   | 1.282                        | N/A         |
|            |                   | Right Tilt    | 0.618                     | 0.262                     | 0.255                   | 1.135                        | N/A         |
|            | Body-worn         | Front(voice)  | 0.118                     | 0.087                     | 0.009                   | 0.214                        | N/A         |
|            |                   | Back(voice)   | 0.116                     | 0.182                     | 0.025                   | 0.323                        | N/A         |
|            |                   | Front(data)   | 0.447                     | 0.087                     | 0.009                   | 0.543                        | N/A         |
|            |                   | Back(data)    | 0.420                     | 0.182                     | 0.025                   | 0.627                        | N/A         |
|            | Hotspot           | Front         | 0.381                     | 0.157                     | 0.022                   | 0.560                        | N/A         |
|            |                   | Back          | 0.425                     | 0.271                     | 0.044                   | 0.740                        | N/A         |
|            |                   | Left          | 0.171                     | 0.000                     | 0.005                   | 0.176                        | N/A         |
|            |                   | Right         | 0.036                     | 0.119                     | 0                       | 0.155                        | N/A         |
|            |                   | Top           | 0.304                     | 0.760                     | 0.014                   | 1.078                        | N/A         |
|            |                   | Bottom        | 0.000                     | 0.000                     | 0                       | 0.000                        | N/A         |

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| WWAN Band   | Exposure position | Test position | □<br>WWAN<br>Ant.1<br>SAR | □<br>2.4G<br>WIFI1<br>SAR | □<br>5G<br>WIFI2<br>SAR | □ 1-g<br>SAR<br>□ + □ +<br>□ | Case<br>NO. |
|-------------|-------------------|---------------|---------------------------|---------------------------|-------------------------|------------------------------|-------------|
| GSM<br>1900 | Head              | Left Cheek    | 0.15                      | 0.286                     | 0.13                    | 0.566                        | N/A         |
|             |                   | Left Tilt     | 0.031                     | 0.476                     | 0.152                   | 0.659                        | N/A         |
|             |                   | Right Cheek   | 0.064                     | 0.242                     | 0.353                   | 0.659                        | N/A         |
|             |                   | Right Tilt    | 0.042                     | 0.262                     | 0.255                   | 0.559                        | N/A         |
|             | Body-worn         | Front(voice)  | 0.271                     | 0.087                     | 0.009                   | 0.367                        | N/A         |
|             |                   | Back(voice)   | 0.28                      | 0.182                     | 0.025                   | 0.487                        | N/A         |
|             |                   | Front(data)   | 0.304                     | 0.087                     | 0.009                   | 0.400                        | N/A         |
|             |                   | Back(data)    | 0.511                     | 0.182                     | 0.025                   | 0.718                        | N/A         |
|             | Hotspot           | Front         | 0.222                     | 0.157                     | 0.022                   | 0.401                        | N/A         |
|             |                   | Back          | 0.242                     | 0.271                     | 0.044                   | 0.557                        | N/A         |
|             |                   | Left          | 0.067                     | 0.000                     | 0.005                   | 0.072                        | N/A         |
|             |                   | Right         | 0.021                     | 0.119                     | 0                       | 0.140                        | N/A         |
|             |                   | Top           | 0                         | 0.760                     | 0.014                   | 0.774                        | N/A         |
|             |                   | Bottom        | 0.667                     | 0.000                     | 0                       | 0.667                        | N/A         |
|             | Exposure position | Test position | □<br>WWAN<br>Ant.2<br>SAR | □<br>2.4G<br>WIFI1<br>SAR | □<br>5G<br>WIFI2<br>SAR | □ 1-g<br>SAR<br>□ + □ +<br>□ | Case<br>NO. |
|             | Head              | Left Cheek    | 0.334                     | 0.286                     | 0.13                    | 0.750                        | N/A         |
|             |                   | Left Tilt     | 0.438                     | 0.476                     | 0.152                   | 1.066                        | N/A         |
|             |                   | Right Cheek   | 0.735                     | 0.242                     | 0.353                   | 1.330                        | N/A         |
|             |                   | Right Tilt    | 0.529                     | 0.262                     | 0.255                   | 1.046                        | N/A         |
|             | Body-worn         | Front(voice)  | 0.067                     | 0.087                     | 0.009                   | 0.163                        | N/A         |
|             |                   | Back(voice)   | 0.071                     | 0.182                     | 0.025                   | 0.278                        | N/A         |
|             |                   | Front(data)   | 0.248                     | 0.087                     | 0.009                   | 0.344                        | N/A         |
|             |                   | Back(data)    | 0.339                     | 0.182                     | 0.025                   | 0.546                        | N/A         |
|             | Hotspot           | Front         | 0.203                     | 0.157                     | 0.022                   | 0.382                        | N/A         |
|             |                   | Back          | 0.216                     | 0.271                     | 0.044                   | 0.531                        | N/A         |
|             |                   | Left          | 0.230                     | 0.000                     | 0.005                   | 0.235                        | N/A         |
|             |                   | Right         | 0.045                     | 0.119                     | 0                       | 0.164                        | N/A         |
|             |                   | Top           | 0.336                     | 0.760                     | 0.014                   | 1.110                        | N/A         |
|             |                   | Bottom        | 0.000                     | 0.000                     | 0                       | 0.000                        | N/A         |

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| WWAN Band   | Exposure position | Test position | □<br>WWAN<br>Ant.1<br>SAR | □<br>2.4G<br>WIFI1<br>SAR | □<br>5G<br>WIFI2<br>SAR | □ 1-g<br>SAR<br>□ + □ +<br>□ | Case<br>NO. |
|-------------|-------------------|---------------|---------------------------|---------------------------|-------------------------|------------------------------|-------------|
| WCDMA<br>B2 | Head              | Left Cheek    | 0.255                     | 0.286                     | 0.130                   | 0.671                        | N/A         |
|             |                   | Left Tilt     | 0.058                     | 0.476                     | 0.152                   | 0.686                        | N/A         |
|             |                   | Right Cheek   | 0.124                     | 0.242                     | 0.353                   | 0.719                        | N/A         |
|             |                   | Right Tilt    | 0.084                     | 0.262                     | 0.255                   | 0.601                        | N/A         |
|             | Body-worn         | Front         | 0.522                     | 0.087                     | 0.009                   | 0.618                        | N/A         |
|             |                   | Back          | 0.723                     | 0.182                     | 0.025                   | 0.930                        | N/A         |
|             | Hotspot           | Front         | 0.296                     | 0.157                     | 0.022                   | 0.475                        | N/A         |
|             |                   | Back          | 0.31                      | 0.271                     | 0.044                   | 0.625                        | N/A         |
|             |                   | Left          | 0.091                     | 0.000                     | 0.005                   | 0.096                        | N/A         |
|             |                   | Right         | 0.026                     | 0.119                     | 0.000                   | 0.145                        | N/A         |
|             |                   | Top           | 0                         | 0.760                     | 0.014                   | 0.774                        | N/A         |
|             |                   | Bottom        | 0.699                     | 0.000                     | 0.000                   | 0.699                        | N/A         |
|             | Exposure position | Test position | □<br>WWAN<br>Ant.2<br>SAR | □<br>2.4G<br>WIFI1<br>SAR | □<br>5G<br>WIFI2<br>SAR | □ 1-g<br>SAR<br>□ + □ +<br>□ | Case<br>NO. |
|             | Head              | Left Cheek    | 0.427                     | 0.286                     | 0.130                   | 0.843                        | N/A         |
|             |                   | Left Tilt     | 0.514                     | 0.476                     | 0.152                   | 1.142                        | N/A         |
|             |                   | Right Cheek   | 0.667                     | 0.242                     | 0.353                   | 1.262                        | N/A         |
|             |                   | Right Tilt    | 0.457                     | 0.262                     | 0.255                   | 0.974                        | N/A         |
|             | Body-worn         | Front         | 0.223                     | 0.087                     | 0.009                   | 0.319                        | N/A         |
|             |                   | Back          | 0.265                     | 0.182                     | 0.025                   | 0.472                        | N/A         |
|             | Hotspot           | Front         | 0.143                     | 0.157                     | 0.022                   | 0.322                        | N/A         |
|             |                   | Back          | 0.186                     | 0.271                     | 0.044                   | 0.501                        | N/A         |
|             |                   | Left          | 0.203                     | 0.000                     | 0.005                   | 0.208                        | N/A         |
|             |                   | Right         | 0.038                     | 0.119                     | 0.000                   | 0.157                        | N/A         |
|             |                   | Top           | 0.296                     | 0.760                     | 0.014                   | 1.070                        | N/A         |
|             |                   | Bottom        | 0.000                     | 0.000                     | 0.000                   | 0.000                        | N/A         |

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| WWAN Band   | Exposure position | Test position | □<br>WWAN<br>Ant.1<br>SAR | □<br>2.4G<br>WIFI1<br>SAR | □<br>5G<br>WIFI2<br>SAR | □ 1-g<br>SAR<br>□ + □ +<br>□ | Case<br>NO. |
|-------------|-------------------|---------------|---------------------------|---------------------------|-------------------------|------------------------------|-------------|
| WCDMA<br>B4 | Head              | Left Cheek    | 0.144                     | 0.286                     | 0.130                   | 0.560                        | N/A         |
|             |                   | Left Tilt     | 0.04                      | 0.476                     | 0.152                   | 0.668                        | N/A         |
|             |                   | Right Cheek   | 0.102                     | 0.242                     | 0.353                   | 0.697                        | N/A         |
|             |                   | Right Tilt    | 0.069                     | 0.262                     | 0.255                   | 0.586                        | N/A         |
|             | Body-worn         | Front         | 0.537                     | 0.087                     | 0.009                   | 0.633                        | N/A         |
|             |                   | Back          | 0.383                     | 0.182                     | 0.025                   | 0.590                        | N/A         |
|             | Hotspot           | Front         | 0.335                     | 0.157                     | 0.022                   | 0.514                        | N/A         |
|             |                   | Back          | 0.292                     | 0.271                     | 0.044                   | 0.607                        | N/A         |
|             |                   | Left          | 0.073                     | 0.000                     | 0.005                   | 0.078                        | N/A         |
|             |                   | Right         | 0.024                     | 0.119                     | 0.000                   | 0.143                        | N/A         |
|             |                   | Top           | 0                         | 0.760                     | 0.014                   | 0.774                        | N/A         |
|             |                   | Bottom        | 0.811                     | 0.000                     | 0.000                   | 0.811                        | N/A         |
|             | Exposure position | Test position | □<br>WWAN<br>Ant.2<br>SAR | □<br>2.4G<br>WIFI1<br>SAR | □<br>5G<br>WIFI2<br>SAR | □ 1-g<br>SAR<br>□ + □ +<br>□ | Case<br>NO. |
|             | Head              | Left Cheek    | 0.310                     | 0.286                     | 0.130                   | 0.726                        | N/A         |
|             |                   | Left Tilt     | 0.433                     | 0.476                     | 0.152                   | 1.061                        | N/A         |
|             |                   | Right Cheek   | 0.567                     | 0.242                     | 0.353                   | 1.162                        | N/A         |
|             |                   | Right Tilt    | 0.461                     | 0.262                     | 0.255                   | 0.978                        | N/A         |
|             | Body-worn         | Front         | 0.147                     | 0.087                     | 0.009                   | 0.243                        | N/A         |
|             |                   | Back          | 0.190                     | 0.182                     | 0.025                   | 0.397                        | N/A         |
|             | Hotspot           | Front         | 0.112                     | 0.157                     | 0.022                   | 0.291                        | N/A         |
|             |                   | Back          | 0.142                     | 0.271                     | 0.044                   | 0.457                        | N/A         |
|             |                   | Left          | 0.125                     | 0.000                     | 0.005                   | 0.130                        | N/A         |
|             |                   | Right         | 0.011                     | 0.119                     | 0.000                   | 0.130                        | N/A         |
|             |                   | Top           | 0.196                     | 0.760                     | 0.014                   | 0.970                        | N/A         |
|             |                   | Bottom        | 0.000                     | 0.000                     | 0.000                   | 0.000                        | N/A         |

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| WWAN Band   | Exposure position | Test position | □<br>WWAN<br>Ant.1<br>SAR | □<br>2.4G<br>WIFI1<br>SAR | □<br>5G<br>WIFI2<br>SAR | □ 1-g<br>SAR<br>□ + □ +<br>□ | Case<br>NO. |
|-------------|-------------------|---------------|---------------------------|---------------------------|-------------------------|------------------------------|-------------|
| WCDMA<br>B5 | Head              | Left Cheek    | 0.188                     | 0.286                     | 0.130                   | 0.604                        | N/A         |
|             |                   | Left Tilt     | 0.116                     | 0.476                     | 0.152                   | 0.744                        | N/A         |
|             |                   | Right Cheek   | 0.321                     | 0.242                     | 0.353                   | 0.916                        | N/A         |
|             |                   | Right Tilt    | 0.109                     | 0.262                     | 0.255                   | 0.626                        | N/A         |
|             | Body-worn         | Front         | 0.245                     | 0.087                     | 0.009                   | 0.341                        | N/A         |
|             |                   | Back          | 0.382                     | 0.182                     | 0.025                   | 0.589                        | N/A         |
|             | Hotspot           | Front         | 0.364                     | 0.157                     | 0.022                   | 0.543                        | N/A         |
|             |                   | Back          | 0.563                     | 0.271                     | 0.044                   | 0.878                        | N/A         |
|             |                   | Left          | 0.142                     | 0.000                     | 0.005                   | 0.147                        | N/A         |
|             |                   | Right         | 0.451                     | 0.119                     | 0.000                   | 0.570                        | N/A         |
|             |                   | Top           | 0                         | 0.760                     | 0.014                   | 0.774                        | N/A         |
|             |                   | Bottom        | 0.327                     | 0.000                     | 0.000                   | 0.327                        | N/A         |
|             | Exposure position | Test position | □<br>WWAN<br>Ant.2<br>SAR | □<br>2.4G<br>WIFI1<br>SAR | □<br>5G<br>WIFI2<br>SAR | □ 1-g<br>SAR<br>□ + □ +<br>□ | Case<br>NO. |
|             | Head              | Left Cheek    | 0.795                     | 0.286                     | 0.130                   | 1.211                        | N/A         |
|             |                   | Left Tilt     | 0.612                     | 0.476                     | 0.152                   | 1.240                        | N/A         |
|             |                   | Right Cheek   | 0.660                     | 0.242                     | 0.353                   | 1.255                        | N/A         |
|             |                   | Right Tilt    | 0.577                     | 0.262                     | 0.255                   | 1.094                        | N/A         |
|             | Body-worn         | Front         | 0.332                     | 0.087                     | 0.009                   | 0.428                        | N/A         |
|             |                   | Back          | 0.289                     | 0.182                     | 0.025                   | 0.496                        | N/A         |
|             | Hotspot           | Front         | 0.276                     | 0.157                     | 0.022                   | 0.455                        | N/A         |
|             |                   | Back          | 0.251                     | 0.271                     | 0.044                   | 0.566                        | N/A         |
|             |                   | Left          | 0.116                     | 0.000                     | 0.005                   | 0.121                        | N/A         |
|             |                   | Right         | 0.022                     | 0.119                     | 0.000                   | 0.141                        | N/A         |
|             |                   | Top           | 0.193                     | 0.760                     | 0.014                   | 0.967                        | N/A         |
|             |                   | Bottom        | 0.000                     | 0.000                     | 0.000                   | 0.000                        | N/A         |

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| WWAN Band | Exposure position | Test position | □<br>WWAN<br>Ant.1<br>SAR | □<br>2.4G<br>WIFI1<br>SAR | □<br>5G<br>WIFI2<br>SAR | □ 1-g<br>SAR<br>□ + □ +<br>□ | Case<br>NO. |
|-----------|-------------------|---------------|---------------------------|---------------------------|-------------------------|------------------------------|-------------|
| LTE<br>B2 | Head              | Left Cheek    | 0.199                     | 0.286                     | 0.130                   | 0.615                        | N/A         |
|           |                   | Left Tilt     | 0.066                     | 0.476                     | 0.152                   | 0.694                        | N/A         |
|           |                   | Right Cheek   | 0.118                     | 0.242                     | 0.353                   | 0.713                        | N/A         |
|           |                   | Right Tilt    | 0.095                     | 0.262                     | 0.255                   | 0.612                        | N/A         |
|           | Body-worn         | Front         | 0.608                     | 0.087                     | 0.009                   | 0.704                        | N/A         |
|           |                   | Back          | 0.46                      | 0.182                     | 0.025                   | 0.667                        | N/A         |
|           | Hotspot           | Front         | 0.293                     | 0.157                     | 0.022                   | 0.472                        | N/A         |
|           |                   | Back          | 0.307                     | 0.271                     | 0.044                   | 0.622                        | N/A         |
|           |                   | Left          | 0.091                     | 0.000                     | 0.005                   | 0.096                        | N/A         |
|           |                   | Right         | 0.024                     | 0.119                     | 0.000                   | 0.143                        | N/A         |
|           |                   | Top           | 0                         | 0.760                     | 0.014                   | 0.774                        | N/A         |
|           |                   | Bottom        | 0.743                     | 0.000                     | 0.000                   | 0.743                        | N/A         |
|           | Exposure position | Test position | □<br>WWAN<br>Ant.2<br>SAR | □<br>2.4G<br>WIFI1<br>SAR | □<br>5G<br>WIFI2<br>SAR | □ 1-g<br>SAR<br>□ + □ +<br>□ | Case<br>NO. |
|           | Head              | Left Cheek    | 0.343                     | 0.286                     | 0.130                   | 0.759                        | N/A         |
|           |                   | Left Tilt     | 0.557                     | 0.476                     | 0.152                   | 1.185                        | N/A         |
|           |                   | Right Cheek   | 0.437                     | 0.242                     | 0.353                   | 1.032                        | N/A         |
|           |                   | Right Tilt    | 0.380                     | 0.262                     | 0.255                   | 0.897                        | N/A         |
|           | Body-worn         | Front         | 0.203                     | 0.087                     | 0.009                   | 0.299                        | N/A         |
|           |                   | Back          | 0.285                     | 0.182                     | 0.025                   | 0.492                        | N/A         |
|           | Hotspot           | Front         | 0.163                     | 0.157                     | 0.022                   | 0.342                        | N/A         |
|           |                   | Back          | 0.202                     | 0.271                     | 0.044                   | 0.517                        | N/A         |
|           |                   | Left          | 0.192                     | 0.000                     | 0.005                   | 0.197                        | N/A         |
|           |                   | Right         | 0.033                     | 0.119                     | 0.000                   | 0.152                        | N/A         |
|           |                   | Top           | 0.310                     | 0.760                     | 0.014                   | 1.084                        | N/A         |
|           |                   | Bottom        | 0.000                     | 0.000                     | 0.000                   | 0.000                        | N/A         |

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| WWAN Band | Exposure position | Test position | □<br>WWAN<br>Ant.1<br>SAR | □<br>2.4G<br>WIFI1<br>SAR | □<br>5G<br>WIFI2<br>SAR | □ 1-g<br>SAR<br>□ + □ +<br>□ | Case<br>NO. |
|-----------|-------------------|---------------|---------------------------|---------------------------|-------------------------|------------------------------|-------------|
| LTE<br>B4 | Head              | Left Cheek    | 0.128                     | 0.286                     | 0.130                   | 0.544                        | N/A         |
|           |                   | Left Tilt     | 0.057                     | 0.476                     | 0.152                   | 0.685                        | N/A         |
|           |                   | Right Cheek   | 0.067                     | 0.242                     | 0.353                   | 0.662                        | N/A         |
|           |                   | Right Tilt    | 0.049                     | 0.262                     | 0.255                   | 0.566                        | N/A         |
|           | Body-worn         | Front         | 0.426                     | 0.087                     | 0.009                   | 0.522                        | N/A         |
|           |                   | Back          | 0.278                     | 0.182                     | 0.025                   | 0.485                        | N/A         |
|           | Hotspot           | Front         | 0.248                     | 0.157                     | 0.022                   | 0.427                        | N/A         |
|           |                   | Back          | 0.222                     | 0.271                     | 0.044                   | 0.537                        | N/A         |
|           |                   | Left          | 0.05                      | 0.000                     | 0.005                   | 0.055                        | N/A         |
|           |                   | Right         | 0.017                     | 0.119                     | 0.000                   | 0.136                        | N/A         |
|           |                   | Top           | 0                         | 0.760                     | 0.014                   | 0.774                        | N/A         |
|           |                   | Bottom        | 0.706                     | 0.000                     | 0.000                   | 0.706                        | N/A         |
|           | Exposure position | Test position | □<br>WWAN<br>Ant.2<br>SAR | □<br>2.4G<br>WIFI1<br>SAR | □<br>5G<br>WIFI2<br>SAR | □ 1-g<br>SAR<br>□ + □ +<br>□ | Case<br>NO. |
|           | Head              | Left Cheek    | 0.316                     | 0.286                     | 0.130                   | 0.732                        | N/A         |
|           |                   | Left Tilt     | 0.478                     | 0.476                     | 0.152                   | 1.106                        | N/A         |
|           |                   | Right Cheek   | 0.364                     | 0.242                     | 0.353                   | 0.959                        | N/A         |
|           |                   | Right Tilt    | 0.319                     | 0.262                     | 0.255                   | 0.836                        | N/A         |
|           | Body-worn         | Front         | 0.117                     | 0.087                     | 0.009                   | 0.213                        | N/A         |
|           |                   | Back          | 0.180                     | 0.182                     | 0.025                   | 0.387                        | N/A         |
|           | Hotspot           | Front         | 0.075                     | 0.157                     | 0.022                   | 0.254                        | N/A         |
|           |                   | Back          | 0.110                     | 0.271                     | 0.044                   | 0.425                        | N/A         |
|           |                   | Left          | 0.104                     | 0.000                     | 0.005                   | 0.109                        | N/A         |
|           |                   | Right         | 0.007                     | 0.119                     | 0.000                   | 0.126                        | N/A         |
|           |                   | Top           | 0.158                     | 0.760                     | 0.014                   | 0.932                        | N/A         |
|           |                   | Bottom        | 0.000                     | 0.000                     | 0.000                   | 0.000                        | N/A         |

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| WWAN Band | Exposure position | Test position | □<br>WWAN<br>Ant.1<br>SAR | □<br>2.4G<br>WIFI1<br>SAR | □<br>5G<br>WIFI2<br>SAR | □ 1-g<br>SAR<br>□ + □ +<br>□ | Case<br>NO. |
|-----------|-------------------|---------------|---------------------------|---------------------------|-------------------------|------------------------------|-------------|
| LTE<br>B5 | Head              | Left Cheek    | 0.138                     | 0.286                     | 0.130                   | 0.554                        | N/A         |
|           |                   | Left Tilt     | 0.104                     | 0.476                     | 0.152                   | 0.732                        | N/A         |
|           |                   | Right Cheek   | 0.278                     | 0.242                     | 0.353                   | 0.873                        | N/A         |
|           |                   | Right Tilt    | 0.091                     | 0.262                     | 0.255                   | 0.608                        | N/A         |
|           | Body-worn         | Front         | 0.25                      | 0.087                     | 0.009                   | 0.346                        | N/A         |
|           |                   | Back          | 0.363                     | 0.182                     | 0.025                   | 0.570                        | N/A         |
|           | Hotspot           | Front         | 0.364                     | 0.157                     | 0.022                   | 0.543                        | N/A         |
|           |                   | Back          | 0.549                     | 0.271                     | 0.044                   | 0.864                        | N/A         |
|           |                   | Left          | 0.137                     | 0.000                     | 0.005                   | 0.142                        | N/A         |
|           |                   | Right         | 0.397                     | 0.119                     | 0.000                   | 0.516                        | N/A         |
|           |                   | Top           | 0                         | 0.760                     | 0.014                   | 0.774                        | N/A         |
|           |                   | Bottom        | 0.276                     | 0.000                     | 0.000                   | 0.276                        | N/A         |
|           | Exposure position | Test position | □<br>WWAN<br>Ant.2<br>SAR | □<br>2.4G<br>WIFI1<br>SAR | □<br>5G<br>WIFI2<br>SAR | □ 1-g<br>SAR<br>□ + □ +<br>□ | Case<br>NO. |
|           | Head              | Left Cheek    | 0.711                     | 0.286                     | 0.130                   | 1.127                        | N/A         |
|           |                   | Left Tilt     | 0.542                     | 0.476                     | 0.152                   | 1.170                        | N/A         |
|           |                   | Right Cheek   | 0.706                     | 0.242                     | 0.353                   | 1.301                        | N/A         |
|           |                   | Right Tilt    | 0.601                     | 0.262                     | 0.255                   | 1.118                        | N/A         |
|           | Body-worn         | Front         | 0.317                     | 0.087                     | 0.009                   | 0.413                        | N/A         |
|           |                   | Back          | 0.263                     | 0.182                     | 0.025                   | 0.470                        | N/A         |
|           | Hotspot           | Front         | 0.283                     | 0.157                     | 0.022                   | 0.462                        | N/A         |
|           |                   | Back          | 0.294                     | 0.271                     | 0.044                   | 0.609                        | N/A         |
|           |                   | Left          | 0.114                     | 0.000                     | 0.005                   | 0.119                        | N/A         |
|           |                   | Right         | 0.026                     | 0.119                     | 0.000                   | 0.145                        | N/A         |
|           |                   | Top           | 0.194                     | 0.760                     | 0.014                   | 0.968                        | N/A         |
|           |                   | Bottom        | 0.000                     | 0.000                     | 0.000                   | 0.000                        | N/A         |

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| WWAN Band | Exposure position | Test position | □<br>WWAN<br>Ant.1<br>SAR | □<br>2.4G<br>WIFI1<br>SAR | □<br>5G<br>WIFI2<br>SAR | □ 1-g<br>SAR<br>□ + □ +<br>□ | Case<br>NO. |
|-----------|-------------------|---------------|---------------------------|---------------------------|-------------------------|------------------------------|-------------|
| LTE<br>B7 | Head              | Left Cheek    | 0.068                     | 0.286                     | 0.130                   | 0.484                        | N/A         |
|           |                   | Left Tilt     | 0.124                     | 0.476                     | 0.152                   | 0.752                        | N/A         |
|           |                   | Right Cheek   | 0.105                     | 0.242                     | 0.353                   | 0.700                        | N/A         |
|           |                   | Right Tilt    | 0.096                     | 0.262                     | 0.255                   | 0.613                        | N/A         |
|           | Body-worn         | Front         | 0.418                     | 0.087                     | 0.009                   | 0.514                        | N/A         |
|           |                   | Back          | 0.365                     | 0.182                     | 0.025                   | 0.572                        | N/A         |
|           | Hotspot           | Front         | 0.386                     | 0.157                     | 0.022                   | 0.565                        | N/A         |
|           |                   | Back          | 0.49                      | 0.271                     | 0.044                   | 0.805                        | N/A         |
|           |                   | Left          | 0.151                     | 0.000                     | 0.005                   | 0.156                        | N/A         |
|           |                   | Right         | 0.309                     | 0.119                     | 0.000                   | 0.428                        | N/A         |
|           |                   | Top           | 0                         | 0.760                     | 0.014                   | 0.774                        | N/A         |
|           |                   | Bottom        | 0.921                     | 0.000                     | 0.000                   | 0.921                        | N/A         |
|           | Exposure position | Test position | □<br>WWAN<br>Ant.2<br>SAR | □<br>2.4G<br>WIFI1<br>SAR | □<br>5G<br>WIFI2<br>SAR | □ 1-g<br>SAR<br>□ + □ +<br>□ | Case<br>NO. |
|           | Head              | Left Cheek    | 0.470                     | 0.286                     | 0.130                   | 0.886                        | N/A         |
|           |                   | Left Tilt     | 0.620                     | 0.476                     | 0.152                   | 1.248                        | N/A         |
|           |                   | Right Cheek   | 0.562                     | 0.242                     | 0.353                   | 1.157                        | N/A         |
|           |                   | Right Tilt    | 0.985                     | 0.262                     | 0.255                   | 1.502                        | N/A         |
|           | Body-worn         | Front         | 0.118                     | 0.087                     | 0.009                   | 0.214                        | N/A         |
|           |                   | Back          | 0.207                     | 0.182                     | 0.025                   | 0.414                        | N/A         |
|           | Hotspot           | Front         | 0.102                     | 0.157                     | 0.022                   | 0.281                        | N/A         |
|           |                   | Back          | 0.151                     | 0.271                     | 0.044                   | 0.466                        | N/A         |
|           |                   | Left          | 0.097                     | 0.000                     | 0.005                   | 0.102                        | N/A         |
|           |                   | Right         | 0.015                     | 0.119                     | 0.000                   | 0.134                        | N/A         |
|           |                   | Top           | 0.497                     | 0.760                     | 0.014                   | 1.271                        | N/A         |
|           |                   | Bottom        | 0.000                     | 0.000                     | 0.000                   | 0.000                        | N/A         |

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| WWAN Band  | Exposure position | Test position | □<br>WWAN<br>Ant.1<br>SAR | □<br>2.4G<br>WIFI1<br>SAR | □<br>5G<br>WIFI2<br>SAR | □ 1-g<br>SAR<br>□ + □ +<br>□ | Case<br>NO. |
|------------|-------------------|---------------|---------------------------|---------------------------|-------------------------|------------------------------|-------------|
| LTE<br>B12 | Head              | Left Cheek    | 0.125                     | 0.286                     | 0.130                   | 0.541                        | N/A         |
|            |                   | Left Tilt     | 0.104                     | 0.476                     | 0.152                   | 0.732                        | N/A         |
|            |                   | Right Cheek   | 0.194                     | 0.242                     | 0.353                   | 0.789                        | N/A         |
|            |                   | Right Tilt    | 0.1                       | 0.262                     | 0.255                   | 0.617                        | N/A         |
|            | Body-worn         | Front         | 0.25                      | 0.087                     | 0.009                   | 0.346                        | N/A         |
|            |                   | Back          | 0.33                      | 0.182                     | 0.025                   | 0.537                        | N/A         |
|            | Hotspot           | Front         | 0.345                     | 0.157                     | 0.022                   | 0.524                        | N/A         |
|            |                   | Back          | 0.423                     | 0.271                     | 0.044                   | 0.738                        | N/A         |
|            |                   | Left          | 0.401                     | 0.000                     | 0.005                   | 0.406                        | N/A         |
|            |                   | Right         | 0.442                     | 0.119                     | 0.000                   | 0.561                        | N/A         |
|            |                   | Top           | 0                         | 0.760                     | 0.014                   | 0.774                        | N/A         |
|            |                   | Bottom        | 0.223                     | 0.000                     | 0.000                   | 0.223                        | N/A         |
|            | Exposure position | Test position | □<br>WWAN<br>Ant.2<br>SAR | □<br>2.4G<br>WIFI1<br>SAR | □<br>5G<br>WIFI2<br>SAR | □ 1-g<br>SAR<br>□ + □ +<br>□ | Case<br>NO. |
|            | Head              | Left Cheek    | 0.757                     | 0.286                     | 0.130                   | 1.173                        | N/A         |
|            |                   | Left Tilt     | 0.621                     | 0.476                     | 0.152                   | 1.249                        | N/A         |
|            |                   | Right Cheek   | 0.661                     | 0.242                     | 0.353                   | 1.256                        | N/A         |
|            |                   | Right Tilt    | 0.657                     | 0.262                     | 0.255                   | 1.174                        | N/A         |
|            | Body-worn         | Front         | 0.221                     | 0.087                     | 0.009                   | 0.317                        | N/A         |
|            |                   | Back          | 0.184                     | 0.182                     | 0.025                   | 0.391                        | N/A         |
|            | Hotspot           | Front         | 0.211                     | 0.157                     | 0.022                   | 0.390                        | N/A         |
|            |                   | Back          | 0.209                     | 0.271                     | 0.044                   | 0.524                        | N/A         |
|            |                   | Left          | 0.079                     | 0.000                     | 0.005                   | 0.084                        | N/A         |
|            |                   | Right         | 0.018                     | 0.119                     | 0.000                   | 0.137                        | N/A         |
|            |                   | Top           | 0.177                     | 0.760                     | 0.014                   | 0.951                        | N/A         |
|            |                   | Bottom        | 0.000                     | 0.000                     | 0.000                   | 0.000                        | N/A         |

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| WWAN Band  | Exposure position | Test position | □<br>WWAN<br>Ant.1<br>SAR | □<br>2.4G<br>WIFI1<br>SAR | □<br>5G<br>WIFI2<br>SAR | □ 1-g<br>SAR<br>□ + □ +<br>□ | Case<br>NO. |
|------------|-------------------|---------------|---------------------------|---------------------------|-------------------------|------------------------------|-------------|
| LTE<br>B17 | Head              | Left Cheek    | 0.126                     | 0.286                     | 0.130                   | 0.542                        | N/A         |
|            |                   | Left Tilt     | 0.1                       | 0.476                     | 0.152                   | 0.728                        | N/A         |
|            |                   | Right Cheek   | 0.196                     | 0.242                     | 0.353                   | 0.791                        | N/A         |
|            |                   | Right Tilt    | 0.098                     | 0.262                     | 0.255                   | 0.615                        | N/A         |
|            | Body-worn         | Front         | 0.244                     | 0.087                     | 0.009                   | 0.340                        | N/A         |
|            |                   | Back          | 0.342                     | 0.182                     | 0.025                   | 0.549                        | N/A         |
|            | Hotspot           | Front         | 0.334                     | 0.157                     | 0.022                   | 0.513                        | N/A         |
|            |                   | Back          | 0.405                     | 0.271                     | 0.044                   | 0.720                        | N/A         |
|            |                   | Left          | 0.386                     | 0.000                     | 0.005                   | 0.391                        | N/A         |
|            |                   | Right         | 0.45                      | 0.119                     | 0.000                   | 0.569                        | N/A         |
|            |                   | Top           | 0                         | 0.760                     | 0.014                   | 0.774                        | N/A         |
|            |                   | Bottom        | 0.223                     | 0.000                     | 0.000                   | 0.223                        | N/A         |
|            | Exposure position | Test position | □<br>WWAN<br>Ant.2<br>SAR | □<br>2.4G<br>WIFI1<br>SAR | □<br>5G<br>WIFI2<br>SAR | □ 1-g<br>SAR<br>□ + □ +<br>□ | Case<br>NO. |
|            | Head              | Left Cheek    | 0.612                     | 0.286                     | 0.130                   | 1.028                        | N/A         |
|            |                   | Left Tilt     | 0.499                     | 0.476                     | 0.152                   | 1.127                        | N/A         |
|            |                   | Right Cheek   | 0.739                     | 0.242                     | 0.353                   | 1.334                        | N/A         |
|            |                   | Right Tilt    | 0.637                     | 0.262                     | 0.255                   | 1.154                        | N/A         |
|            | Body-worn         | Front         | 0.209                     | 0.087                     | 0.009                   | 0.305                        | N/A         |
|            |                   | Back          | 0.172                     | 0.182                     | 0.025                   | 0.379                        | N/A         |
|            | Hotspot           | Front         | 0.215                     | 0.157                     | 0.022                   | 0.394                        | N/A         |
|            |                   | Back          | 0.208                     | 0.271                     | 0.044                   | 0.523                        | N/A         |
|            |                   | Left          | 0.080                     | 0.000                     | 0.005                   | 0.085                        | N/A         |
|            |                   | Right         | 0.018                     | 0.119                     | 0.000                   | 0.137                        | N/A         |
|            |                   | Top           | 0.179                     | 0.760                     | 0.014                   | 0.953                        | N/A         |
|            |                   | Bottom        | 0.000                     | 0.000                     | 0.000                   | 0.000                        | N/A         |

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| WWAN Band  | Exposure position | Test position | □<br>WWAN<br>Ant.1<br>SAR | □<br>2.4G<br>WIFI1<br>SAR | □<br>5G<br>WIFI2<br>SAR | □ 1-g<br>SAR<br>□ + □ +<br>□ | Case<br>NO. |
|------------|-------------------|---------------|---------------------------|---------------------------|-------------------------|------------------------------|-------------|
| LTE<br>B26 | Head              | Left Cheek    | 0.108                     | 0.286                     | 0.130                   | 0.524                        | N/A         |
|            |                   | Left Tilt     | 0.067                     | 0.476                     | 0.152                   | 0.695                        | N/A         |
|            |                   | Right Cheek   | 0.256                     | 0.242                     | 0.353                   | 0.851                        | N/A         |
|            |                   | Right Tilt    | 0.073                     | 0.262                     | 0.255                   | 0.590                        | N/A         |
|            | Body-worn         | Front         | 0.209                     | 0.087                     | 0.009                   | 0.305                        | N/A         |
|            |                   | Back          | 0.348                     | 0.182                     | 0.025                   | 0.555                        | N/A         |
|            | Hotspot           | Front         | 0.29                      | 0.157                     | 0.022                   | 0.469                        | N/A         |
|            |                   | Back          | 0.493                     | 0.271                     | 0.044                   | 0.808                        | N/A         |
|            |                   | Left          | 0.123                     | 0.000                     | 0.005                   | 0.128                        | N/A         |
|            |                   | Right         | 0.327                     | 0.119                     | 0.000                   | 0.446                        | N/A         |
|            |                   | Top           | 0                         | 0.760                     | 0.014                   | 0.774                        | N/A         |
|            |                   | Bottom        | 0.221                     | 0.000                     | 0.000                   | 0.221                        | N/A         |
|            | Exposure position | Test position | □<br>WWAN<br>Ant.2<br>SAR | □<br>2.4G<br>WIFI1<br>SAR | □<br>5G<br>WIFI2<br>SAR | □ 1-g<br>SAR<br>□ + □ +<br>□ | Case<br>NO. |
|            | Head              | Left Cheek    | 0.593                     | 0.286                     | 0.130                   | 1.009                        | N/A         |
|            |                   | Left Tilt     | 0.461                     | 0.476                     | 0.152                   | 1.089                        | N/A         |
|            |                   | Right Cheek   | 0.668                     | 0.242                     | 0.353                   | 1.263                        | N/A         |
|            |                   | Right Tilt    | 0.541                     | 0.262                     | 0.255                   | 1.058                        | N/A         |
|            | Body-worn         | Front         | 0.250                     | 0.087                     | 0.009                   | 0.346                        | N/A         |
|            |                   | Back          | 0.288                     | 0.182                     | 0.025                   | 0.495                        | N/A         |
|            | Hotspot           | Front         | 0.269                     | 0.157                     | 0.022                   | 0.448                        | N/A         |
|            |                   | Back          | 0.255                     | 0.271                     | 0.044                   | 0.570                        | N/A         |
|            |                   | Left          | 0.110                     | 0.000                     | 0.005                   | 0.115                        | N/A         |
|            |                   | Right         | 0.029                     | 0.119                     | 0.000                   | 0.148                        | N/A         |
|            |                   | Top           | 0.200                     | 0.760                     | 0.014                   | 0.974                        | N/A         |
|            |                   | Bottom        | 0.000                     | 0.000                     | 0.000                   | 0.000                        | N/A         |

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| WWAN Band  | Exposure position | Test position | □<br>WWAN<br>Ant.1<br>SAR | □<br>2.4G<br>WIFI1<br>SAR | □<br>5G<br>WIFI2<br>SAR | □ 1-g<br>SAR<br>□ + □ +<br>□ | Case<br>NO. |
|------------|-------------------|---------------|---------------------------|---------------------------|-------------------------|------------------------------|-------------|
| LTE<br>B38 | Head              | Left Cheek    | 0.07                      | 0.286                     | 0.130                   | 0.486                        | N/A         |
|            |                   | Left Tilt     | 0.082                     | 0.476                     | 0.152                   | 0.710                        | N/A         |
|            |                   | Right Cheek   | 0.096                     | 0.242                     | 0.353                   | 0.691                        | N/A         |
|            |                   | Right Tilt    | 0.077                     | 0.262                     | 0.255                   | 0.594                        | N/A         |
|            | Body-worn         | Front         | 0.359                     | 0.087                     | 0.009                   | 0.455                        | N/A         |
|            |                   | Back          | 0.376                     | 0.182                     | 0.025                   | 0.583                        | N/A         |
|            | Hotspot           | Front         | 0.358                     | 0.157                     | 0.022                   | 0.537                        | N/A         |
|            |                   | Back          | 0.379                     | 0.271                     | 0.044                   | 0.694                        | N/A         |
|            |                   | Left          | 0.153                     | 0.000                     | 0.005                   | 0.158                        | N/A         |
|            |                   | Right         | 0.262                     | 0.119                     | 0.000                   | 0.381                        | N/A         |
|            |                   | Top           | 0                         | 0.760                     | 0.014                   | 0.774                        | N/A         |
|            |                   | Bottom        | 0.72                      | 0.000                     | 0.000                   | 0.720                        | N/A         |
|            | Exposure position | Test position | □<br>WWAN<br>Ant.2<br>SAR | □<br>2.4G<br>WIFI1<br>SAR | □<br>5G<br>WIFI2<br>SAR | □ 1-g<br>SAR<br>□ + □ +<br>□ | Case<br>NO. |
|            | Head              | Left Cheek    | 0.481                     | 0.286                     | 0.130                   | 0.897                        | N/A         |
|            |                   | Left Tilt     | 0.599                     | 0.476                     | 0.152                   | 1.227                        | N/A         |
|            |                   | Right Cheek   | 0.646                     | 0.242                     | 0.353                   | 1.241                        | N/A         |
|            |                   | Right Tilt    | 0.821                     | 0.262                     | 0.255                   | 1.338                        | N/A         |
|            | Body-worn         | Front         | 0.121                     | 0.087                     | 0.009                   | 0.217                        | N/A         |
|            |                   | Back          | 0.161                     | 0.182                     | 0.025                   | 0.368                        | N/A         |
|            | Hotspot           | Front         | 0.091                     | 0.157                     | 0.022                   | 0.270                        | N/A         |
|            |                   | Back          | 0.124                     | 0.271                     | 0.044                   | 0.439                        | N/A         |
|            |                   | Left          | 0.070                     | 0.000                     | 0.005                   | 0.075                        | N/A         |
|            |                   | Right         | 0.013                     | 0.119                     | 0.000                   | 0.132                        | N/A         |
|            |                   | Top           | 0.375                     | 0.760                     | 0.014                   | 1.149                        | N/A         |
|            |                   | Bottom        | 0.000                     | 0.000                     | 0.000                   | 0.000                        | N/A         |

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| WWAN Band  | Exposure position | Test position | □<br>WWAN<br>Ant.1<br>SAR | □<br>2.4G<br>WIFI1<br>SAR | □<br>5G<br>WIFI2<br>SAR | □ 1-g<br>SAR<br>□ + □ +<br>□ | Case<br>NO. |
|------------|-------------------|---------------|---------------------------|---------------------------|-------------------------|------------------------------|-------------|
| LTE<br>B40 | Head              | Left Cheek    | 0.088                     | 0.286                     | 0.130                   | 0.504                        | N/A         |
|            |                   | Left Tilt     | 0.068                     | 0.476                     | 0.152                   | 0.696                        | N/A         |
|            |                   | Right Cheek   | 0.145                     | 0.242                     | 0.353                   | 0.740                        | N/A         |
|            |                   | Right Tilt    | 0.086                     | 0.262                     | 0.255                   | 0.603                        | N/A         |
|            | Body-worn         | Front         | 0.454                     | 0.087                     | 0.009                   | 0.550                        | N/A         |
|            |                   | Back          | 0.585                     | 0.182                     | 0.025                   | 0.792                        | N/A         |
|            | Hotspot           | Front         | 0.299                     | 0.157                     | 0.022                   | 0.478                        | N/A         |
|            |                   | Back          | 0.352                     | 0.271                     | 0.044                   | 0.667                        | N/A         |
|            |                   | Left          | 0.056                     | 0.000                     | 0.005                   | 0.061                        | N/A         |
|            |                   | Right         | 0.041                     | 0.119                     | 0.000                   | 0.160                        | N/A         |
|            |                   | Top           | 0                         | 0.760                     | 0.014                   | 0.774                        | N/A         |
|            |                   | Bottom        | 0.808                     | 0.000                     | 0.000                   | 0.808                        | N/A         |
|            | Exposure position | Test position | □<br>WWAN<br>Ant.2<br>SAR | □<br>2.4G<br>WIFI1<br>SAR | □<br>5G<br>WIFI2<br>SAR | □ 1-g<br>SAR<br>□ + □ +<br>□ | Case<br>NO. |
|            | Head              | Left Cheek    | 0.423                     | 0.286                     | 0.130                   | 0.839                        | N/A         |
|            |                   | Left Tilt     | 0.471                     | 0.476                     | 0.152                   | 1.099                        | N/A         |
|            |                   | Right Cheek   | 0.510                     | 0.242                     | 0.353                   | 1.105                        | N/A         |
|            |                   | Right Tilt    | 0.909                     | 0.262                     | 0.255                   | 1.426                        | N/A         |
|            | Body-worn         | Front         | 0.126                     | 0.087                     | 0.009                   | 0.222                        | N/A         |
|            |                   | Back          | 0.184                     | 0.182                     | 0.025                   | 0.391                        | N/A         |
|            | Hotspot           | Front         | 0.042                     | 0.157                     | 0.022                   | 0.221                        | N/A         |
|            |                   | Back          | 0.063                     | 0.271                     | 0.044                   | 0.378                        | N/A         |
|            |                   | Left          | 0.033                     | 0.000                     | 0.005                   | 0.038                        | N/A         |
|            |                   | Right         | 0.005                     | 0.119                     | 0.000                   | 0.124                        | N/A         |
|            |                   | Top           | 0.182                     | 0.760                     | 0.014                   | 0.956                        | N/A         |
|            |                   | Bottom        | 0.000                     | 0.000                     | 0.000                   | 0.000                        | N/A         |

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| WWAN Band  | Exposure position | Test position | □<br>WWAN<br>Ant.1<br>SAR | □<br>2.4G<br>WIFI1<br>SAR | □<br>5G<br>WIFI2<br>SAR | □ 1-g<br>SAR<br>□ + □ +<br>□ | Case<br>NO. |
|------------|-------------------|---------------|---------------------------|---------------------------|-------------------------|------------------------------|-------------|
| LTE<br>B41 | Head              | Left Cheek    | 0.072                     | 0.286                     | 0.130                   | 0.488                        | N/A         |
|            |                   | Left Tilt     | 0.084                     | 0.476                     | 0.152                   | 0.712                        | N/A         |
|            |                   | Right Cheek   | 0.107                     | 0.242                     | 0.353                   | 0.702                        | N/A         |
|            |                   | Right Tilt    | 0.078                     | 0.262                     | 0.255                   | 0.595                        | N/A         |
|            | Body-worn         | Front         | 0.267                     | 0.087                     | 0.009                   | 0.363                        | N/A         |
|            |                   | Back          | 0.402                     | 0.182                     | 0.025                   | 0.609                        | N/A         |
|            | Hotspot           | Front         | 0.402                     | 0.157                     | 0.022                   | 0.581                        | N/A         |
|            |                   | Back          | 0.491                     | 0.271                     | 0.044                   | 0.806                        | N/A         |
|            |                   | Left          | 0.137                     | 0.000                     | 0.005                   | 0.142                        | N/A         |
|            |                   | Right         | 0.262                     | 0.119                     | 0.000                   | 0.381                        | N/A         |
|            |                   | Top           | 0                         | 0.760                     | 0.014                   | 0.774                        | N/A         |
|            |                   | Bottom        | 0.868                     | 0.000                     | 0.000                   | 0.868                        | N/A         |
|            | Exposure position | Test position | □<br>WWAN<br>Ant.2<br>SAR | □<br>2.4G<br>WIFI1<br>SAR | □<br>5G<br>WIFI2<br>SAR | □ 1-g<br>SAR<br>□ + □ +<br>□ | Case<br>NO. |
|            | Head              | Left Cheek    | 0.500                     | 0.286                     | 0.130                   | 0.916                        | N/A         |
|            |                   | Left Tilt     | 0.611                     | 0.476                     | 0.152                   | 1.239                        | N/A         |
|            |                   | Right Cheek   | 0.947                     | 0.242                     | 0.353                   | 1.542                        | N/A         |
|            |                   | Right Tilt    | 0.974                     | 0.262                     | 0.255                   | 1.491                        | N/A         |
|            | Body-worn         | Front         | 0.136                     | 0.087                     | 0.009                   | 0.232                        | N/A         |
|            |                   | Back          | 0.179                     | 0.182                     | 0.025                   | 0.386                        | N/A         |
|            | Hotspot           | Front         | 0.127                     | 0.157                     | 0.022                   | 0.306                        | N/A         |
|            |                   | Back          | 0.164                     | 0.271                     | 0.044                   | 0.479                        | N/A         |
|            |                   | Left          | 0.090                     | 0.000                     | 0.005                   | 0.095                        | N/A         |
|            |                   | Right         | 0.020                     | 0.119                     | 0.000                   | 0.139                        | N/A         |
|            |                   | Top           | 0.439                     | 0.760                     | 0.014                   | 1.213                        | N/A         |
|            |                   | Bottom        | 0.000                     | 0.000                     | 0.000                   | 0.000                        | N/A         |

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## 9 Equipment list

| Test Platform                       |                                      | SPEAG DASY5 Professional                      |             |               |                  |                         |
|-------------------------------------|--------------------------------------|-----------------------------------------------|-------------|---------------|------------------|-------------------------|
| Description                         |                                      | SAR Test System (Frequency range 300MHz-6GHz) |             |               |                  |                         |
| Software Reference                  |                                      | DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)   |             |               |                  |                         |
| Hardware Reference                  |                                      |                                               |             |               |                  |                         |
| Equipment                           |                                      | Manufacturer                                  | Model       | Serial Number | Calibration Date | Due date of calibration |
| <input checked="" type="checkbox"/> | Twin Phantom                         | SPEAG                                         | SAM 1       | TP-1283       | NCR              | NCR                     |
| <input checked="" type="checkbox"/> | Twin Phantom                         | SPEAG                                         | SAM 1       | 1912          | NCR              | NCR                     |
| <input checked="" type="checkbox"/> | Twin Phantom                         | SPEAG                                         | SAM 2       | 1913          | NCR              | NCR                     |
| <input checked="" type="checkbox"/> | DAE                                  | SPEAG                                         | DAE4        | 896           | 2017-09-27       | 2018-09-26              |
| <input checked="" type="checkbox"/> | DAE                                  | SPEAG                                         | DAE4        | 1374          | 2017-08-31       | 2018-08-30              |
| <input checked="" type="checkbox"/> | E-Field Probe                        | SPEAG                                         | EX3DV4      | 3789          | 2017-01-13       | 2018-01-12              |
| <input checked="" type="checkbox"/> | E-Field Probe                        | SPEAG                                         | EX3DV4      | 3962          | 2018-01-11       | 2019-01-10              |
| <input checked="" type="checkbox"/> | E-Field Probe                        | SPEAG                                         | EX3DV4      | 7433          | 2017-09-30       | 2017-09-29              |
| <input checked="" type="checkbox"/> | Validation Kits                      | SPEAG                                         | D750V3      | 1160          | 2016-06-22       | 2019-06-21              |
| <input checked="" type="checkbox"/> | Validation Kits                      | SPEAG                                         | D835V2      | 4d105         | 2016-12-08       | 2019-12-07              |
| <input checked="" type="checkbox"/> | Validation Kits                      | SPEAG                                         | D1750V2     | 1149          | 2016-06-23       | 2019-06-22              |
| <input checked="" type="checkbox"/> | Validation Kits                      | SPEAG                                         | D1900V2     | 5d028         | 2016-12-07       | 2019-12-06              |
| <input checked="" type="checkbox"/> | Validation Kits                      | SPEAG                                         | D2300V2     | 1072          | 2016-06-21       | 2019-06-20              |
| <input checked="" type="checkbox"/> | Validation Kits                      | SPEAG                                         | D2450V2     | 733           | 2016-12-07       | 2019-12-06              |
| <input checked="" type="checkbox"/> | Validation Kits                      | SPEAG                                         | D2600V2     | 1125          | 2016-06-22       | 2019-06-21              |
| <input checked="" type="checkbox"/> | Validation Kits                      | SPEAG                                         | D5GHzV2     | 1165          | 2016-12-13       | 2019-12-12              |
| <input checked="" type="checkbox"/> | Agilent Network Analyzer             | Agilent                                       | E5071C      | MY46523590    | 2017-03-06       | 2018-03-05              |
| <input checked="" type="checkbox"/> | Dielectric Probe Kit                 | Agilent                                       | 85070E      | US01440210    | NCR              | NCR                     |
| <input checked="" type="checkbox"/> | Universal Radio Communication Tester | R&S                                           | CMU200      | 123090        | 2016-06-27       | 2017-06-26              |
| <input checked="" type="checkbox"/> | Universal Radio Communication Tester | R&S                                           | CMW500      | 152271        | 2017-03-06       | 2018-03-05              |
| <input checked="" type="checkbox"/> | RF Bi-Directional Coupler            | Agilent                                       | 86205-60001 | MY31400031    | NCR              | NCR                     |
| <input checked="" type="checkbox"/> | Signal Generator                     | Agilent                                       | N5171B      | MY53050736    | 2017-03-06       | 2018-03-05              |
| <input checked="" type="checkbox"/> | Preamplifier                         | Mini-Circuits                                 | ZHL-42W     | 15542         | NCR              | NCR                     |
| <input checked="" type="checkbox"/> | Power Meter                          | Agilent                                       | E4416A      | GB41292095    | 2017-03-06       | 2018-03-05              |
| <input checked="" type="checkbox"/> | Power Sensor                         | Agilent                                       | 8481H       | MY41091234    | 2017-03-05       | 2018-03-04              |
| <input checked="" type="checkbox"/> | Power Sensor                         | R&S                                           | NRP-Z92     | 100025        | 2017-03-06       | 2018-03-05              |
| <input checked="" type="checkbox"/> | Attenuator                           | SHX                                           | TS2-3dB     | 30704         | NCR              | NCR                     |
| <input checked="" type="checkbox"/> | Coaxial low pass filter              | Mini-Circuits                                 | VLF-2500(+) | NA            | NCR              | NCR                     |
| <input checked="" type="checkbox"/> | Coaxial low pass filter              | Microlab Fxr                                  | LA-F13      | NA            | NCR              | NCR                     |
| <input checked="" type="checkbox"/> | 50 Ω coaxial load                    | Mini-Circuits                                 | KARN-50+    | 00850         | NCR              | NCR                     |

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|                                     |                                    |         |            |    |            |            |
|-------------------------------------|------------------------------------|---------|------------|----|------------|------------|
| <input checked="" type="checkbox"/> | DC POWER SUPPLY                    | SAKO    | SK1730SL5A | NA | NCR        | NCR        |
| <input checked="" type="checkbox"/> | Speed reading thermometer          | MingGao | T809       | NA | 2017-03-08 | 2018-03-07 |
| <input checked="" type="checkbox"/> | Humidity and Temperature Indicator | KIMTOKA | KIMTOKA    | NA | 2017-03-08 | 2018-03-07 |

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## 10 Calibration certificate

Please see the Appendix C

## 11 Photographs

Please see the Appendix D

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## Appendix A: Detailed System Validation Results

## Appendix B: Detailed Test Results

## Appendix C: Calibration certificate

## Appendix D: Photographs

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