

|                 |                 |             |                     |
|-----------------|-----------------|-------------|---------------------|
| Project No.     | SHT2211001302EW |             |                     |
| Test sample No. | YPHT22110013004 | Model No.   | Power K 4G          |
| Start test date | 2022/11/14      | Finish date | 2022/10/17          |
| Temperature     | 22.3°C          | Humidity    | 44%                 |
| Test Engineer   | Bo Wang         | Auditor     | <i>Xiaodong Zhu</i> |

| Appendix clause | Test Item                           | Result |
|-----------------|-------------------------------------|--------|
| A               | Conducted Power Measurement Results | PASS   |
| B               | SAR Measurement Results             | PASS   |
| C               | Simultaneous Transmission analysis  | PASS   |

**Appendix A:Conducted Power Measurement Results-GSM**

| GSM850      |           | Burst Average Power (dBm) |          |          | Tune-up limit (dBm) | Division Factors | Frame-Average Power (dBm) |          |          | Tune-up limit (dBm) |
|-------------|-----------|---------------------------|----------|----------|---------------------|------------------|---------------------------|----------|----------|---------------------|
|             |           | CH128                     | CH190    | CH251    |                     |                  | CH128                     | CH190    | CH251    |                     |
|             |           | 824.2MHz                  | 836.6MHz | 848.8MHz |                     |                  | 824.2MHz                  | 836.6MHz | 848.8MHz |                     |
| GSM         |           | 31.90                     | 31.81    | 31.54    | 32.00               | -9.03            | 22.87                     | 22.78    | 22.51    | 22.97               |
| GPRS (GMSK) | 1Tx slot  | 31.23                     | 31.44    | 31.30    | 31.50               | -9.03            | 22.20                     | 22.41    | 22.27    | 22.47               |
|             | 2Tx slots | 29.40                     | 30.18    | 30.41    | 30.50               | -6.02            | 23.38                     | 24.16    | 24.39    | 24.48               |
|             | 3Tx slots | 27.15                     | 28.24    | 28.77    | 29.00               | -4.26            | 22.89                     | 23.98    | 24.51    | 24.74               |
|             | 4Tx slots | 24.44                     | 25.57    | 26.21    | 26.50               | -3.01            | 21.43                     | 22.56    | 23.20    | 23.49               |

| GSM1900     |           | Burst Average Power (dBm) |         |           | Tune-up limit (dBm) | Division Factors | Frame-Average Power (dBm) |           |           | Tune-up limit (dBm) |
|-------------|-----------|---------------------------|---------|-----------|---------------------|------------------|---------------------------|-----------|-----------|---------------------|
|             |           | CH512                     | CH661   | CH810     |                     |                  | CH512                     | CH661     | CH810     |                     |
|             |           | 1850.2MHz                 | 1880MHz | 1909.8MHz |                     |                  | 1850.2MHz                 | 1880.0MHz | 1909.8MHz |                     |
| GSM         |           | 28.15                     | 28.71   | 29.30     | 29.50               | -9.03            | 19.12                     | 19.68     | 20.27     | 20.47               |
| GPRS (GMSK) | 1Tx slot  | 28.25                     | 28.68   | 29.24     | 29.50               | -9.03            | 19.22                     | 19.65     | 20.21     | 20.47               |
|             | 2Tx slots | 26.54                     | 27.00   | 27.77     | 28.00               | -6.02            | 20.52                     | 20.98     | 21.75     | 21.98               |
|             | 3Tx slots | 25.02                     | 25.37   | 25.97     | 26.00               | -4.26            | 20.76                     | 21.11     | 21.71     | 21.74               |
|             | 4Tx slots | 22.98                     | 23.38   | 23.89     | 24.00               | -3.01            | 19.97                     | 20.37     | 20.88     | 20.99               |

**Appendix A:Conducted Power Measurement Results-WCDMA**

| WCDMA Band II |           | Conducted Power (dBm) |         |           | Tune-up limit (dBm) |
|---------------|-----------|-----------------------|---------|-----------|---------------------|
|               |           | CH9262                | CH9400  | CH9538    |                     |
|               |           | 1852.4MHz             | 1880MHz | 1907.6MHz |                     |
| AMR 12.2K     |           | 20.15                 | 20.77   | 21.52     | 22.00               |
| RMC 12.2K     |           | 20.18                 | 20.80   | 21.55     | 22.00               |
| HSDPA         | Subtest-1 | 19.73                 | 21.08   | 21.32     | 21.50               |
|               | Subtest-2 | 19.62                 | 20.89   | 21.19     | 21.50               |
|               | Subtest-3 | 18.67                 | 19.82   | 20.31     | 20.50               |
|               | Subtest-4 | 18.40                 | 19.53   | 19.98     | 20.00               |
| HSUPA         | Subtest-1 | 16.62                 | 17.95   | 18.55     | 19.00               |
|               | Subtest-2 | 17.01                 | 18.28   | 18.93     | 19.00               |
|               | Subtest-3 | 16.80                 | 18.08   | 18.72     | 19.00               |
|               | Subtest-4 | 17.01                 | 18.28   | 18.97     | 19.00               |
|               | Subtest-5 | 19.01                 | 20.12   | 20.80     | 21.00               |

| WCDMA Band V |           | Conducted Power (dBm) |          |          | Tune-up limit (dBm) |
|--------------|-----------|-----------------------|----------|----------|---------------------|
|              |           | CH4132                | CH4183   | CH4233   |                     |
|              |           | 826.4MHz              | 836.6MHz | 846.6MHz |                     |
| AMR 12.2K    |           | 21.45                 | 21.64    | 21.46    | 22.00               |
| RMC 12.2K    |           | 21.48                 | 21.67    | 21.49    | 22.00               |
| HSDPA        | Subtest-1 | 22.00                 | 22.04    | 21.75    | 22.50               |
|              | Subtest-2 | 21.07                 | 19.78    | 20.86    | 21.50               |
|              | Subtest-3 | 20.20                 | 20.43    | 20.03    | 20.50               |
|              | Subtest-4 | 19.78                 | 20.04    | 19.45    | 20.50               |
| HSUPA        | Subtest-1 | 18.53                 | 19.01    | 18.50    | 19.50               |
|              | Subtest-2 | 18.64                 | 19.15    | 18.57    | 19.50               |
|              | Subtest-3 | 18.33                 | 6.78     | 18.31    | 18.50               |
|              | Subtest-4 | 18.15                 | 18.65    | 18.21    | 19.00               |
|              | Subtest-5 | 21.70                 | 22.27    | 21.51    | 22.50               |

| LTE-FDD Band 2   |            |               |           | Conducted Power (dBm) |        |       | Tune-up Limit(dBm) |
|------------------|------------|---------------|-----------|-----------------------|--------|-------|--------------------|
| Band-width (MHz) | Modulation | RB allocation | RB offset | Low                   | Middle | High  |                    |
| 1.4              | QPSK       | 1             | 0         | 21.55                 | 22.14  | 21.86 | 22.50              |
|                  |            |               | 2         | 21.59                 | 22.25  | 21.73 |                    |
|                  |            |               | 5         | 21.57                 | 22.20  | 21.64 |                    |
|                  |            | 3             | 0         | 21.73                 | 22.31  | 21.66 | 22.50              |
|                  |            |               | 1         | 21.65                 | 22.30  | 21.72 |                    |
|                  |            |               | 3         | 21.58                 | 22.40  | 21.77 |                    |
|                  |            | 6             | 0         | 21.46                 | 21.30  | 21.48 | 21.50              |
|                  | 16QAM      | 1             | 0         | 21.43                 | 21.26  | 21.22 | 22.00              |
|                  |            |               | 2         | 21.51                 | 21.22  | 21.32 |                    |
|                  |            |               | 5         | 21.51                 | 21.22  | 21.26 |                    |
|                  |            | 3             | 0         | 21.37                 | 21.30  | 21.56 | 22.00              |
|                  |            |               | 1         | 21.36                 | 21.31  | 21.59 |                    |
|                  |            |               | 3         | 21.45                 | 21.36  | 21.63 |                    |
|                  |            | 6             | 0         | 21.21                 | 21.44  | 21.61 | 22.00              |
| 3                | QPSK       | 1             | 0         | 21.72                 | 22.11  | 22.26 | 22.50              |
|                  |            |               | 8         | 21.69                 | 22.26  | 22.30 |                    |
|                  |            |               | 14        | 21.71                 | 22.34  | 22.35 |                    |
|                  |            | 8             | 0         | 21.68                 | 21.32  | 22.06 | 22.50              |
|                  |            |               | 4         | 21.71                 | 21.25  | 22.12 |                    |
|                  |            |               | 7         | 21.60                 | 21.32  | 22.15 |                    |
|                  |            | 15            | 0         | 21.66                 | 21.32  | 22.03 | 22.50              |
|                  | 16QAM      | 1             | 0         | 21.37                 | 21.54  | 21.91 | 22.50              |
|                  |            |               | 8         | 21.34                 | 21.64  | 21.99 |                    |
|                  |            |               | 14        | 21.38                 | 21.66  | 22.02 |                    |
|                  |            | 8             | 0         | 21.93                 | 21.46  | 21.67 | 22.00              |
|                  |            |               | 4         | 21.87                 | 21.42  | 21.67 |                    |
|                  |            |               | 7         | 21.99                 | 21.42  | 21.66 |                    |
|                  |            | 15            | 0         | 21.72                 | 21.34  | 21.53 | 22.00              |
| 5                | QPSK       | 1             | 0         | 21.71                 | 22.47  | 22.23 | 23.00              |
|                  |            |               | 12        | 21.73                 | 22.53  | 22.32 |                    |
|                  |            |               | 24        | 21.76                 | 22.68  | 22.40 |                    |
|                  |            | 12            | 0         | 21.64                 | 21.32  | 22.17 | 22.50              |
|                  |            |               | 6         | 21.68                 | 21.34  | 22.24 |                    |
|                  |            |               | 13        | 21.75                 | 21.56  | 22.21 |                    |
|                  |            | 25            | 0         | 21.64                 | 21.50  | 22.11 | 22.50              |
|                  | 16QAM      | 1             | 0         | 21.55                 | 21.43  | 21.81 | 22.00              |
|                  |            |               | 12        | 21.68                 | 21.50  | 21.80 |                    |
|                  |            |               | 24        | 21.71                 | 21.61  | 21.88 |                    |
|                  |            | 12            | 0         | 21.72                 | 21.45  | 21.38 | 22.00              |
|                  |            |               | 6         | 21.74                 | 21.42  | 21.38 |                    |
|                  |            |               | 13        | 21.73                 | 21.54  | 21.50 |                    |
|                  |            | 25            | 0         | 21.70                 | 21.61  | 21.50 | 22.00              |
| 10               | QPSK       | 1             | 0         | 22.19                 | 22.56  | 22.66 | 23.00              |
|                  |            |               | 24        | 22.39                 | 22.71  | 22.66 |                    |
|                  |            |               | 49        | 22.33                 | 22.59  | 22.08 |                    |
|                  |            | 25            | 0         | 21.33                 | 21.57  | 21.26 | 22.00              |
|                  |            |               | 12        | 21.35                 | 21.57  | 21.29 |                    |
|                  |            |               | 25        | 21.40                 | 21.67  | 21.24 |                    |
|                  |            | 50            | 0         | 21.37                 | 21.57  | 21.26 | 22.00              |
|                  | 16QAM      | 1             | 0         | 21.38                 | 21.44  | 21.85 | 22.00              |
|                  |            |               | 24        | 21.55                 | 21.62  | 21.73 |                    |
|                  |            |               | 49        | 21.54                 | 21.53  | 21.31 |                    |
|                  |            | 25            | 0         | 20.36                 | 20.65  | 20.34 | 21.00              |
|                  |            |               | 12        | 20.41                 | 20.61  | 20.33 |                    |
|                  |            |               | 25        | 20.46                 | 20.76  | 20.30 |                    |
|                  |            | 50            | 0         | 20.42                 | 20.61  | 20.26 | 21.00              |

|    |       |     |    |       |       |       |       |
|----|-------|-----|----|-------|-------|-------|-------|
| 15 | QPSK  | 1   | 0  | 21.56 | 22.08 | 22.03 | 23.00 |
|    |       |     | 38 | 21.62 | 22.31 | 22.14 |       |
|    |       |     | 74 | 21.79 | 22.53 | 22.44 |       |
|    |       | 38  | 0  | 21.54 | 21.37 | 21.88 | 22.50 |
|    |       |     | 18 | 21.52 | 21.62 | 22.08 |       |
|    |       |     | 37 | 21.76 | 21.89 | 22.22 |       |
|    |       | 75  | 0  | 21.73 | 21.28 | 22.19 | 22.50 |
|    | 16QAM | 1   | 0  | 21.45 | 21.38 | 21.75 | 22.50 |
|    |       |     | 38 | 21.47 | 21.66 | 22.06 |       |
|    |       |     | 74 | 21.67 | 21.87 | 22.21 |       |
|    |       | 38  | 0  | 21.52 | 21.36 | 21.82 | 22.50 |
|    |       |     | 18 | 21.58 | 21.63 | 22.04 |       |
|    |       |     | 37 | 21.76 | 21.87 | 22.24 |       |
|    |       | 75  | 0  | 21.79 | 21.61 | 21.41 | 22.00 |
| 20 | QPSK  | 1   | 0  | 21.78 | 21.87 | 21.90 | 23.00 |
|    |       |     | 49 | 21.92 | 22.20 | 22.17 |       |
|    |       |     | 99 | 22.20 | 22.64 | 22.46 |       |
|    |       | 50  | 0  | 21.79 | 21.64 | 21.84 | 22.50 |
|    |       |     | 25 | 21.67 | 21.77 | 22.00 |       |
|    |       |     | 50 | 21.95 | 21.58 | 22.24 |       |
|    |       | 100 | 0  | 21.77 | 21.30 | 22.08 | 22.50 |
|    | 16QAM | 1   | 0  | 21.08 | 21.06 | 21.58 | 22.00 |
|    |       |     | 49 | 21.22 | 21.10 | 21.90 |       |
|    |       |     | 99 | 21.40 | 21.48 | 21.84 |       |
|    |       | 50  | 0  | 21.21 | 21.30 | 21.02 | 21.50 |
|    |       |     | 25 | 21.17 | 21.32 | 21.05 |       |
|    |       |     | 50 | 21.04 | 21.44 | 21.30 |       |
|    |       | 100 | 0  | 21.23 | 21.36 | 21.16 | 21.50 |

| LTE-FDD Band 4  |            |               |           | Conducted Power (dBm) |        |       | Tune-up Limit(dBm) |
|-----------------|------------|---------------|-----------|-----------------------|--------|-------|--------------------|
| Band-width(MHz) | Modulation | RB allocation | RB offset | Low                   | Middle | High  |                    |
| 1.4             | QPSK       | 1             | 0         | 21.33                 | 21.82  | 21.99 | 22.00              |
|                 |            |               | 2         | 21.36                 | 21.72  | 21.93 |                    |
|                 |            |               | 5         | 21.31                 | 21.84  | 21.91 |                    |
|                 |            | 3             | 0         | 21.70                 | 21.97  | 22.04 | 22.50              |
|                 |            |               | 1         | 21.70                 | 21.97  | 22.05 |                    |
|                 |            |               | 3         | 21.35                 | 21.99  | 22.04 |                    |
|                 |            | 6             | 0         | 20.82                 | 20.91  | 21.10 | 21.50              |
|                 | 16QAM      | 1             | 0         | 21.23                 | 20.83  | 21.45 | 22.00              |
|                 |            |               | 2         | 21.31                 | 20.92  | 21.45 |                    |
|                 |            |               | 5         | 21.61                 | 20.86  | 21.38 |                    |
|                 |            | 3             | 0         | 20.28                 | 20.79  | 20.98 | 21.00              |
|                 |            |               | 1         | 20.15                 | 20.78  | 20.95 |                    |
|                 |            |               | 3         | 20.33                 | 20.82  | 20.89 |                    |
|                 |            | 6             | 0         | 20.23                 | 20.36  | 20.47 | 20.50              |
| 3               | QPSK       | 1             | 0         | 21.33                 | 21.86  | 21.97 | 22.50              |
|                 |            |               | 8         | 21.48                 | 21.88  | 22.07 |                    |
|                 |            |               | 14        | 21.47                 | 21.96  | 21.96 |                    |
|                 |            | 8             | 0         | 20.36                 | 20.93  | 21.07 | 21.50              |
|                 |            |               | 4         | 20.40                 | 20.86  | 21.07 |                    |
|                 |            |               | 7         | 20.54                 | 20.98  | 21.14 |                    |
|                 |            | 15            | 0         | 20.46                 | 20.90  | 21.00 | 21.50              |
|                 | 16QAM      | 1             | 0         | 20.91                 | 21.42  | 20.84 | 22.00              |
|                 |            |               | 8         | 20.88                 | 21.47  | 20.80 |                    |
|                 |            |               | 14        | 20.96                 | 21.52  | 20.82 |                    |
|                 |            | 8             | 0         | 20.59                 | 20.17  | 20.22 | 21.00              |
|                 |            |               | 4         | 20.70                 | 20.19  | 20.22 |                    |
|                 |            |               | 7         | 20.76                 | 20.20  | 20.19 |                    |
|                 |            | 15            | 0         | 20.45                 | 20.64  | 20.78 | 21.00              |
| 5               | QPSK       | 1             | 0         | 21.50                 | 22.11  | 22.13 | 22.50              |
|                 |            |               | 12        | 21.65                 | 22.02  | 22.18 |                    |
|                 |            |               | 24        | 21.62                 | 22.10  | 22.10 |                    |
|                 |            | 12            | 0         | 20.51                 | 20.88  | 21.13 | 21.50              |
|                 |            |               | 6         | 20.52                 | 20.90  | 21.06 |                    |
|                 |            |               | 13        | 20.49                 | 20.91  | 21.17 |                    |
|                 |            | 25            | 0         | 20.54                 | 20.94  | 20.99 | 21.00              |
|                 | 16QAM      | 1             | 0         | 20.44                 | 21.00  | 20.50 | 21.50              |
|                 |            |               | 12        | 20.46                 | 20.95  | 20.60 |                    |
|                 |            |               | 24        | 20.56                 | 21.01  | 20.64 |                    |
|                 |            | 12            | 0         | 20.54                 | 20.84  | 21.25 | 21.50              |
|                 |            |               | 6         | 20.64                 | 20.92  | 21.23 |                    |
|                 |            |               | 13        | 20.56                 | 20.86  | 21.15 |                    |
|                 |            | 25            | 0         | 20.43                 | 20.59  | 20.65 | 21.00              |
| 10              | QPSK       | 1             | 0         | 21.19                 | 21.46  | 21.62 | 22.00              |
|                 |            |               | 24        | 21.36                 | 21.49  | 21.56 |                    |
|                 |            |               | 49        | 21.26                 | 21.32  | 21.49 |                    |
|                 |            | 25            | 0         | 20.41                 | 20.50  | 20.57 | 21.00              |
|                 |            |               | 12        | 20.42                 | 20.44  | 20.57 |                    |
|                 |            |               | 25        | 20.36                 | 20.40  | 20.47 |                    |
|                 |            | 50            | 0         | 20.36                 | 20.40  | 20.50 | 21.00              |
|                 | 16QAM      | 1             | 0         | 20.39                 | 20.59  | 20.33 | 21.00              |
|                 |            |               | 24        | 20.54                 | 20.69  | 20.44 |                    |
|                 |            |               | 49        | 20.48                 | 20.53  | 20.40 |                    |
|                 |            | 25            | 0         | 20.42                 | 20.50  | 20.71 | 21.00              |
|                 |            |               | 12        | 20.46                 | 20.55  | 20.57 |                    |
|                 |            |               | 25        | 20.34                 | 20.44  | 20.55 |                    |
|                 |            | 50            | 0         | 20.37                 | 20.46  | 20.58 | 21.00              |

|    |       |     |    |       |       |       |       |
|----|-------|-----|----|-------|-------|-------|-------|
| 15 | QPSK  | 1   | 0  | 21.53 | 21.82 | 21.88 | 22.00 |
|    |       |     | 38 | 21.76 | 21.86 | 21.98 |       |
|    |       |     | 74 | 21.80 | 21.95 | 21.63 |       |
|    |       | 38  | 0  | 20.32 | 20.75 | 20.84 | 21.00 |
|    |       |     | 18 | 20.53 | 20.80 | 20.79 |       |
|    |       |     | 37 | 20.73 | 20.80 | 20.94 |       |
|    |       | 75  | 0  | 20.69 | 20.73 | 20.85 | 21.00 |
|    | 16QAM | 1   | 0  | 20.32 | 20.77 | 20.87 | 21.00 |
|    |       |     | 38 | 20.52 | 20.81 | 20.78 |       |
|    |       |     | 74 | 20.71 | 20.77 | 20.96 |       |
|    |       | 38  | 0  | 20.30 | 20.70 | 20.84 | 21.00 |
|    |       |     | 18 | 20.50 | 20.80 | 20.78 |       |
|    |       |     | 37 | 20.72 | 20.82 | 20.95 |       |
|    |       | 75  | 0  | 20.73 | 20.93 | 21.08 | 21.50 |
| 20 | QPSK  | 1   | 0  | 21.56 | 21.56 | 22.29 | 22.50 |
|    |       |     | 49 | 21.77 | 21.68 | 22.30 |       |
|    |       |     | 99 | 21.88 | 21.81 | 22.47 |       |
|    |       | 50  | 0  | 20.44 | 20.98 | 21.04 | 21.50 |
|    |       |     | 25 | 20.60 | 20.83 | 20.81 |       |
|    |       |     | 50 | 20.88 | 20.84 | 20.93 |       |
|    |       | 100 | 0  | 20.59 | 20.93 | 21.05 | 21.50 |
|    | 16QAM | 1   | 0  | 20.83 | 20.82 | 20.49 | 21.50 |
|    |       |     | 49 | 21.07 | 21.05 | 21.11 |       |
|    |       |     | 99 | 21.08 | 21.11 | 21.14 |       |
|    |       | 50  | 0  | 20.68 | 21.02 | 21.05 | 22.00 |
|    |       |     | 25 | 20.67 | 21.08 | 21.04 |       |
|    |       |     | 50 | 20.89 | 21.19 | 21.50 |       |
|    |       | 100 | 0  | 20.78 | 21.03 | 21.10 | 21.50 |

| LTE-FDD Band 5  |            |               |           | Conducted Power (dBm) |        |       | Tune-up Limit(dBm) |
|-----------------|------------|---------------|-----------|-----------------------|--------|-------|--------------------|
| Band-width(MHz) | Modulation | RB allocation | RB offset | Low                   | Middle | High  |                    |
| 1.4             | QPSK       | 1             | 0         | 23.41                 | 23.59  | 23.05 | 24.00              |
|                 |            |               | 2         | 23.65                 | 23.60  | 23.13 |                    |
|                 |            |               | 5         | 23.57                 | 23.48  | 23.22 |                    |
|                 |            | 3             | 0         | 23.79                 | 23.60  | 23.16 | 24.00              |
|                 |            |               | 1         | 23.78                 | 23.55  | 23.19 |                    |
|                 |            |               | 3         | 23.76                 | 23.70  | 23.18 |                    |
|                 |            | 6             | 0         | 23.73                 | 23.61  | 23.13 | 24.00              |
|                 | 16QAM      | 1             | 0         | 23.24                 | 22.76  | 22.81 | 23.50              |
|                 |            |               | 2         | 23.19                 | 22.87  | 22.91 |                    |
|                 |            |               | 5         | 23.14                 | 23.02  | 22.88 |                    |
|                 |            | 3             | 0         | 22.51                 | 22.34  | 21.88 | 23.00              |
|                 |            |               | 1         | 22.49                 | 22.42  | 21.89 |                    |
|                 |            |               | 3         | 22.53                 | 22.46  | 21.87 |                    |
|                 |            | 6             | 0         | 22.21                 | 22.62  | 22.32 | 23.00              |
| 3               | QPSK       | 1             | 0         | 23.28                 | 23.33  | 22.96 | 23.50              |
|                 |            |               | 8         | 23.22                 | 23.49  | 23.05 |                    |
|                 |            |               | 14        | 23.29                 | 23.43  | 23.09 |                    |
|                 |            | 8             | 0         | 22.32                 | 22.47  | 22.17 | 22.50              |
|                 |            |               | 4         | 22.36                 | 22.35  | 22.12 |                    |
|                 |            |               | 7         | 22.40                 | 22.45  | 22.10 |                    |
|                 |            | 15            | 0         | 22.50                 | 22.55  | 22.07 | 23.00              |
|                 | 16QAM      | 1             | 0         | 22.37                 | 22.28  | 22.99 | 23.50              |
|                 |            |               | 8         | 22.40                 | 22.28  | 23.02 |                    |
|                 |            |               | 14        | 22.30                 | 22.33  | 22.94 |                    |
|                 |            | 8             | 0         | 23.51                 | 23.52  | 23.24 | 24.00              |
|                 |            |               | 4         | 23.54                 | 23.53  | 23.17 |                    |
|                 |            |               | 7         | 23.49                 | 23.69  | 23.21 |                    |
|                 |            | 15            | 0         | 23.32                 | 23.30  | 22.97 | 23.50              |
| 5               | QPSK       | 1             | 0         | 23.14                 | 23.36  | 23.01 | 24.00              |
|                 |            |               | 12        | 23.21                 | 23.51  | 23.05 |                    |
|                 |            |               | 24        | 23.22                 | 23.60  | 23.15 |                    |
|                 |            | 12            | 0         | 23.16                 | 23.17  | 23.13 | 23.50              |
|                 |            |               | 6         | 23.19                 | 23.30  | 23.05 |                    |
|                 |            |               | 13        | 23.11                 | 23.38  | 23.11 |                    |
|                 |            | 25            | 0         | 23.09                 | 23.30  | 22.98 | 23.50              |
|                 | 16QAM      | 1             | 0         | 23.04                 | 23.18  | 22.48 | 23.50              |
|                 |            |               | 12        | 23.02                 | 23.34  | 22.49 |                    |
|                 |            |               | 24        | 23.17                 | 23.37  | 22.37 |                    |
|                 |            | 12            | 0         | 22.12                 | 22.32  | 22.12 | 22.50              |
|                 |            |               | 6         | 22.11                 | 22.31  | 22.12 |                    |
|                 |            |               | 13        | 22.07                 | 22.46  | 22.08 |                    |
|                 |            | 25            | 0         | 22.07                 | 22.36  | 22.15 | 22.50              |
| 10              | QPSK       | 1             | 0         | 22.87                 | 22.79  | 22.65 | 23.50              |
|                 |            |               | 24        | 23.08                 | 22.86  | 22.54 |                    |
|                 |            |               | 49        | 22.44                 | 22.69  | 22.25 |                    |
|                 |            | 25            | 0         | 19.87                 | 19.71  | 19.47 | 20.50              |
|                 |            |               | 12        | 20.03                 | 19.80  | 19.56 |                    |
|                 |            |               | 25        | 19.99                 | 19.78  | 19.61 |                    |
|                 |            | 50            | 0         | 21.96                 | 21.79  | 21.64 | 22.00              |
|                 | 16QAM      | 1             | 0         | 22.16                 | 22.01  | 21.63 | 23.00              |
|                 |            |               | 24        | 22.52                 | 22.08  | 21.65 |                    |
|                 |            |               | 49        | 22.04                 | 21.89  | 21.54 |                    |
|                 |            | 25            | 0         | 21.84                 | 21.78  | 21.51 | 22.00              |
|                 |            |               | 12        | 21.04                 | 21.83  | 21.62 |                    |
|                 |            |               | 25        | 21.08                 | 21.87  | 21.61 |                    |
|                 |            | 50            | 0         | 21.65                 | 21.86  | 21.54 | 22.00              |

| LTE-FDD Band 7  |            |               |           | Conducted Power (dBm) |        |       | Tune-up Limit(dBm) |
|-----------------|------------|---------------|-----------|-----------------------|--------|-------|--------------------|
| Band-width(MHz) | Modulation | RB allocation | RB offset | Low                   | Middle | High  |                    |
| 5               | QPSK       | 1             | 0         | 22.63                 | 22.65  | 22.42 | 23.00              |
|                 |            |               | 12        | 22.60                 | 22.73  | 22.29 |                    |
|                 |            |               | 24        | 22.57                 | 22.61  | 22.35 |                    |
|                 |            | 12            | 0         | 21.52                 | 21.44  | 21.32 | 22.00              |
|                 |            |               | 6         | 21.47                 | 21.46  | 21.32 |                    |
|                 |            |               | 13        | 21.63                 | 21.42  | 21.26 |                    |
|                 |            | 25            | 0         | 21.55                 | 21.58  | 21.23 | 22.00              |
|                 | 16QAM      | 1             | 0         | 21.49                 | 21.47  | 20.77 | 22.00              |
|                 |            |               | 12        | 21.44                 | 21.52  | 20.70 |                    |
|                 |            |               | 24        | 21.56                 | 21.36  | 20.71 |                    |
|                 |            | 12            | 0         | 20.62                 | 20.52  | 20.29 | 21.00              |
|                 |            |               | 6         | 20.61                 | 20.52  | 20.24 |                    |
|                 |            |               | 13        | 20.56                 | 20.60  | 20.29 |                    |
|                 |            | 25            | 0         | 20.39                 | 20.71  | 20.37 | 21.00              |
| 10              | QPSK       | 1             | 0         | 22.68                 | 22.85  | 22.55 | 23.00              |
|                 |            |               | 24        | 22.86                 | 22.52  | 22.64 |                    |
|                 |            |               | 49        | 22.74                 | 22.38  | 22.56 |                    |
|                 |            | 25            | 0         | 21.72                 | 21.43  | 21.65 | 22.00              |
|                 |            |               | 12        | 21.73                 | 21.41  | 21.61 |                    |
|                 |            |               | 25        | 21.90                 | 21.51  | 21.64 |                    |
|                 |            | 50            | 0         | 21.85                 | 21.48  | 21.65 | 22.00              |
|                 | 16QAM      | 1             | 0         | 21.84                 | 21.76  | 21.48 | 22.50              |
|                 |            |               | 24        | 21.98                 | 21.65  | 21.63 |                    |
|                 |            |               | 49        | 22.01                 | 21.49  | 21.43 |                    |
|                 |            | 25            | 0         | 20.74                 | 20.49  | 20.68 | 21.00              |
|                 |            |               | 12        | 20.66                 | 20.47  | 20.71 |                    |
|                 |            |               | 25        | 20.94                 | 20.60  | 20.75 |                    |
|                 |            | 50            | 0         | 20.86                 | 20.56  | 20.71 | 21.00              |
| 15              | QPSK       | 1             | 0         | 21.80                 | 22.09  | 21.72 | 22.50              |
|                 |            |               | 38        | 21.80                 | 22.08  | 21.71 |                    |
|                 |            |               | 74        | 21.78                 | 22.09  | 21.81 |                    |
|                 |            | 38            | 0         | 21.23                 | 20.93  | 20.53 | 21.50              |
|                 |            |               | 18        | 21.26                 | 20.99  | 20.53 |                    |
|                 |            |               | 37        | 21.25                 | 20.87  | 20.56 |                    |
|                 |            | 75            | 0         | 20.95                 | 21.04  | 20.89 | 21.50              |
|                 | 16QAM      | 1             | 0         | 21.23                 | 20.97  | 20.57 | 21.50              |
|                 |            |               | 38        | 21.22                 | 20.96  | 20.58 |                    |
|                 |            |               | 74        | 21.27                 | 20.86  | 20.53 |                    |
|                 |            | 38            | 0         | 21.17                 | 20.92  | 20.54 | 21.50              |
|                 |            |               | 18        | 21.29                 | 20.98  | 20.57 |                    |
|                 |            |               | 37        | 21.26                 | 20.91  | 20.49 |                    |
|                 |            | 75            | 0         | 20.02                 | 20.11  | 19.96 | 20.50              |
| 20              | QPSK       | 1             | 0         | 22.30                 | 21.92  | 21.95 | 22.50              |
|                 |            |               | 49        | 22.25                 | 22.05  | 21.90 |                    |
|                 |            |               | 99        | 22.28                 | 21.94  | 22.05 |                    |
|                 |            | 50            | 0         | 20.95                 | 20.85  | 20.84 | 21.00              |
|                 |            |               | 25        | 20.97                 | 20.96  | 20.88 |                    |
|                 |            |               | 50        | 20.96                 | 20.58  | 20.86 |                    |
|                 |            | 100           | 0         | 21.05                 | 20.97  | 20.93 | 21.50              |
|                 | 16QAM      | 1             | 0         | 21.51                 | 21.29  | 21.40 | 22.00              |
|                 |            |               | 49        | 21.48                 | 21.31  | 21.22 |                    |
|                 |            |               | 99        | 21.44                 | 21.21  | 21.39 |                    |
|                 |            | 50            | 0         | 20.18                 | 20.20  | 19.88 | 20.50              |
|                 |            |               | 25        | 20.18                 | 20.18  | 19.94 |                    |
|                 |            |               | 50        | 20.03                 | 20.25  | 19.97 |                    |
|                 |            | 100           | 0         | 20.11                 | 20.00  | 19.98 | 20.50              |

| LTE-FDD Band 17 |            |               |           | Conducted Power (dBm) |        |       | Tune-up Limit(dBm) |
|-----------------|------------|---------------|-----------|-----------------------|--------|-------|--------------------|
| Band-width(MHz) | Modulation | RB allocation | RB offset | Low                   | Middle | High  |                    |
| 5               | QPSK       | 1             | 0         | 23.92                 | 24.09  | 24.07 | 24.50              |
|                 |            |               | 12        | 23.92                 | 24.13  | 24.12 |                    |
|                 |            |               | 24        | 24.02                 | 24.13  | 24.01 |                    |
|                 |            | 12            | 0         | 22.96                 | 23.16  | 23.20 | 24.00              |
|                 |            |               | 6         | 22.97                 | 23.06  | 23.36 |                    |
|                 |            |               | 13        | 23.05                 | 23.02  | 23.63 |                    |
|                 |            | 25            | 0         | 22.99                 | 23.03  | 22.68 | 23.50              |
|                 | 16QAM      | 1             | 0         | 23.12                 | 22.41  | 22.94 | 23.50              |
|                 |            |               | 12        | 23.18                 | 22.43  | 22.98 |                    |
|                 |            |               | 24        | 23.25                 | 22.53  | 22.64 |                    |
|                 |            | 12            | 0         | 22.54                 | 22.01  | 21.99 | 23.00              |
|                 |            |               | 6         | 22.54                 | 22.03  | 22.33 |                    |
|                 |            |               | 13        | 22.62                 | 22.13  | 22.63 |                    |
|                 |            | 25            | 0         | 22.59                 | 22.10  | 22.69 | 23.00              |
| 10              | QPSK       | 1             | 0         | 23.11                 | 22.97  | 23.23 | 23.50              |
|                 |            |               | 24        | 23.09                 | 22.84  | 22.96 |                    |
|                 |            |               | 49        | 22.75                 | 22.83  | 22.80 |                    |
|                 |            | 25            | 0         | 21.97                 | 21.88  | 21.91 | 22.50              |
|                 |            |               | 12        | 22.29                 | 21.85  | 22.04 |                    |
|                 |            |               | 25        | 22.21                 | 21.80  | 22.04 |                    |
|                 |            | 50            | 0         | 21.83                 | 21.84  | 22.09 | 22.50              |
|                 | 16QAM      | 1             | 0         | 21.96                 | 21.99  | 21.71 | 22.50              |
|                 |            |               | 24        | 22.21                 | 22.11  | 21.84 |                    |
|                 |            |               | 49        | 21.96                 | 21.93  | 21.71 |                    |
|                 |            | 25            | 0         | 21.23                 | 20.89  | 20.95 | 21.50              |
|                 |            |               | 12        | 21.28                 | 20.95  | 20.99 |                    |
|                 |            |               | 25        | 20.99                 | 20.88  | 21.05 |                    |
|                 |            | 50            | 0         | 20.82                 | 20.92  | 21.05 | 21.50              |

**Appendix A:Conducted Power Measurement Results-Bluetooth**

| Bluetooth |              |         |                 |                  |                     |                     |
|-----------|--------------|---------|-----------------|------------------|---------------------|---------------------|
| Mode      |              | Channel | Frequency (MHz) | Peak Power (dBm) | Average Power (dBm) | Tune-up limit (dBm) |
| EDR       | GFSK         | 0       | 2402            | 9.52             | 9.50                | 9.50                |
|           |              | 39      | 2441            | 9.46             | 9.44                | 9.50                |
|           |              | 78      | 2480            | 8.03             | 7.59                | 8.00                |
|           | $\pi/4$ QPSK | 0       | 2402            | 9.96             | 9.14                | 9.50                |
|           |              | 39      | 2441            | 9.67             | 9.50                | 9.50                |
|           |              | 78      | 2480            | 8.66             | 7.76                | 8.00                |
|           | 8DPSK        | 0       | 2402            | 9.99             | 9.14                | 9.50                |
|           |              | 39      | 2441            | 9.81             | 8.93                | 9.00                |
|           |              | 78      | 2480            | 8.57             | 7.51                | 8.00                |

# Appendix B:SAR Measurement Results-Head

| GSM850         |               |           |       |                       |                     |                        |                 |                  |                |          |
|----------------|---------------|-----------|-------|-----------------------|---------------------|------------------------|-----------------|------------------|----------------|----------|
| Mode           | Test Position | Frequency |       | Conducted Power (dBm) | Tune-up limit (dBm) | Tune-up scaling factor | Power Drift(dB) | Measured SAR(1g) | Report SAR(1g) | Plot No. |
|                |               | CH        | MHz   |                       |                     |                        |                 | (W/kg)           | (W/kg)         |          |
| GPRS 3Tx slots | Left Touch    | 128       | 824.2 | 27.15                 | 29.00               | 1.531                  | -               | -                | -              | -        |
|                |               | 190       | 836.6 | 28.24                 | 29.00               | 1.191                  | -               | -                | -              | -        |
|                |               | 251       | 848.8 | 28.77                 | 29.00               | 1.054                  | -0.08           | 0.376            | 0.396          | -        |
|                | Left Tilt     | 128       | 824.2 | 27.15                 | 29.00               | 1.531                  | -               | -                | -              | -        |
|                |               | 190       | 836.6 | 28.24                 | 29.00               | 1.191                  | -               | -                | -              | -        |
|                |               | 251       | 848.8 | 28.77                 | 29.00               | 1.054                  | -0.02           | 0.326            | 0.344          | -        |
|                | Right Touch   | 128       | 824.2 | 27.15                 | 29.00               | 1.531                  | -               | -                | -              | -        |
|                |               | 190       | 836.6 | 28.24                 | 29.00               | 1.191                  | -               | -                | -              | -        |
|                |               | 251       | 848.8 | 28.77                 | 29.00               | 1.054                  | -0.05           | 0.403            | 0.425          | 1        |
|                | Right Tilt    | 128       | 824.2 | 27.15                 | 29.00               | 1.531                  | -               | -                | -              | -        |
|                |               | 190       | 836.6 | 28.24                 | 29.00               | 1.191                  | -               | -                | -              | -        |
|                |               | 251       | 848.8 | 28.77                 | 29.00               | 1.054                  | -0.07           | 0.355            | 0.374          | -        |

| GSM1900        |               |           |        |                       |                     |                        |                 |                  |                |          |
|----------------|---------------|-----------|--------|-----------------------|---------------------|------------------------|-----------------|------------------|----------------|----------|
| Mode           | Test Position | Frequency |        | Conducted Power (dBm) | Tune-up limit (dBm) | Tune-up scaling factor | Power Drift(dB) | Measured SAR(1g) | Report SAR(1g) | Plot No. |
|                |               | CH        | MHz    |                       |                     |                        |                 | (W/kg)           | (W/kg)         |          |
| GPRS 2Tx slots | Left Touch    | 512       | 1850.2 | 26.54                 | 28.00               | 1.400                  | -               | -                | -              | -        |
|                |               | 661       | 1880.0 | 27.00                 | 28.00               | 1.259                  | -               | -                | -              | -        |
|                |               | 810       | 1909.8 | 27.77                 | 28.00               | 1.054                  | -0.03           | 0.142            | 0.150          | -        |
|                | Left Tilt     | 512       | 1850.2 | 26.54                 | 28.00               | 1.400                  | -               | -                | -              | -        |
|                |               | 661       | 1880.0 | 27.00                 | 28.00               | 1.259                  | -               | -                | -              | -        |
|                |               | 810       | 1909.8 | 27.77                 | 28.00               | 1.054                  | -0.09           | 0.097            | 0.102          | -        |
|                | Right Touch   | 512       | 1850.2 | 26.54                 | 28.00               | 1.400                  | -               | -                | -              | -        |
|                |               | 661       | 1880.0 | 27.00                 | 28.00               | 1.259                  | -               | -                | -              | -        |
|                |               | 810       | 1909.8 | 27.77                 | 28.00               | 1.054                  | -0.05           | 0.147            | 0.155          | 2        |
|                | Right Tilt    | 512       | 1850.2 | 26.54                 | 28.00               | 1.400                  | -               | -                | -              | -        |
|                |               | 661       | 1880.0 | 27.00                 | 28.00               | 1.259                  | -               | -                | -              | -        |
|                |               | 810       | 1909.8 | 27.77                 | 28.00               | 1.054                  | -0.02           | 0.106            | 0.112          | -        |

| WCDMA Band II |               |           |        |                       |                     |                        |                 |                  |                |          |
|---------------|---------------|-----------|--------|-----------------------|---------------------|------------------------|-----------------|------------------|----------------|----------|
| Mode          | Test Position | Frequency |        | Conducted Power (dBm) | Tune-up limit (dBm) | Tune-up scaling factor | Power Drift(dB) | Measured SAR(1g) | Report SAR(1g) | Plot No. |
|               |               | CH        | MHz    |                       |                     |                        |                 | (W/kg)           | (W/kg)         |          |
| RMC 12.2Kbps  | Left Touch    | 9262      | 1852.4 | 20.18                 | 22.00               | 1.521                  | -               | -                | -              | -        |
|               |               | 9400      | 1880.0 | 20.80                 | 22.00               | 1.318                  | -               | -                | -              | -        |
|               |               | 9538      | 1907.6 | 21.55                 | 22.00               | 1.109                  | -0.08           | 0.256            | 0.284          | -        |
|               | Left Tilt     | 9262      | 1852.4 | 20.18                 | 22.00               | 1.521                  | -               | -                | -              | -        |
|               |               | 9400      | 1880.0 | 20.80                 | 22.00               | 1.318                  | -               | -                | -              | -        |
|               |               | 9538      | 1907.6 | 21.55                 | 22.00               | 1.109                  | -0.04           | 0.120            | 0.133          | -        |
|               | Right Touch   | 9262      | 1852.4 | 20.18                 | 22.00               | 1.521                  | -               | -                | -              | -        |
|               |               | 9400      | 1880.0 | 20.80                 | 22.00               | 1.318                  | -               | -                | -              | -        |
|               |               | 9538      | 1907.6 | 21.55                 | 22.00               | 1.109                  | -0.10           | 0.292            | 0.324          | 3        |
|               | Right Tilt    | 9262      | 1852.4 | 20.18                 | 22.00               | 1.521                  | -               | -                | -              | -        |
|               |               | 9400      | 1880.0 | 20.80                 | 22.00               | 1.318                  | -               | -                | -              | -        |
|               |               | 9538      | 1907.6 | 21.55                 | 22.00               | 1.109                  | -0.03           | 0.126            | 0.140          | -        |

| WCDMA Band V |               |           |       |                       |                     |                        |                 |                  |                |          |
|--------------|---------------|-----------|-------|-----------------------|---------------------|------------------------|-----------------|------------------|----------------|----------|
| Mode         | Test Position | Frequency |       | Conducted Power (dBm) | Tune-up limit (dBm) | Tune-up scaling factor | Power Drift(dB) | Measured SAR(1g) | Report SAR(1g) | Plot No. |
|              |               | CH        | MHz   |                       |                     |                        |                 | (W/kg)           | (W/kg)         |          |
| RMC 12.2Kbps | Left Touch    | 4132      | 826.4 | 21.48                 | 22.00               | 1.127                  | -               | -                | -              | -        |
|              |               | 4183      | 836.6 | 21.67                 | 22.00               | 1.079                  | 0.04            | 0.432            | 0.466          | -        |
|              |               | 4233      | 846.6 | 21.49                 | 22.00               | 1.125                  | -               | -                | -              | -        |
|              | Left Tilt     | 4132      | 826.4 | 21.48                 | 22.00               | 1.127                  | -               | -                | -              | -        |
|              |               | 4183      | 836.6 | 21.67                 | 22.00               | 1.079                  | 0.10            | 0.387            | 0.418          | -        |
|              |               | 4233      | 846.6 | 21.49                 | 22.00               | 1.125                  | -               | -                | -              | -        |
|              | Right Touch   | 4132      | 826.4 | 21.48                 | 22.00               | 1.127                  | -               | -                | -              | -        |
|              |               | 4183      | 836.6 | 21.67                 | 22.00               | 1.079                  | -0.02           | 0.495            | 0.534          | 4        |
|              |               | 4233      | 846.6 | 21.49                 | 22.00               | 1.125                  | -               | -                | -              | -        |
|              | Right Tilt    | 4132      | 826.4 | 21.48                 | 22.00               | 1.127                  | -               | -                | -              | -        |
|              |               | 4183      | 836.6 | 21.67                 | 22.00               | 1.079                  | -0.11           | 0.451            | 0.487          | -        |
|              |               | 4233      | 846.6 | 21.49                 | 22.00               | 1.125                  | -               | -                | -              | -        |

| LTE Band 2    |               |           |        |                       |                     |                        |                 |                  |                |          |
|---------------|---------------|-----------|--------|-----------------------|---------------------|------------------------|-----------------|------------------|----------------|----------|
| Mode          | Test Position | Frequency |        | Conducted Power (dBm) | Tune-up limit (dBm) | Tune-up scaling factor | Power Drift(dB) | Measured SAR(1g) | Report SAR(1g) | Plot No. |
|               |               | CH        | MHz    |                       |                     |                        |                 | (W/kg)           | (W/kg)         |          |
| 20M QPSK 1RB  | Left Touch    | 18700     | 1860.0 | 22.20                 | 23.00               | 1.202                  | -               | -                | -              | -        |
|               |               | 18900     | 1880.0 | 22.64                 | 23.00               | 1.086                  | -0.06           | 0.342            | 0.372          | -        |
|               |               | 19100     | 1900.0 | 22.46                 | 23.00               | 1.132                  | -               | -                | -              | -        |
|               | Left Tilt     | 18700     | 1860.0 | 22.20                 | 23.00               | 1.202                  | -               | -                | -              | -        |
|               |               | 18900     | 1880.0 | 22.64                 | 23.00               | 1.086                  | 0.05            | 0.179            | 0.194          | -        |
|               |               | 19100     | 1900.0 | 22.46                 | 23.00               | 1.132                  | -               | -                | -              | -        |
|               | Right Touch   | 18700     | 1860.0 | 22.20                 | 23.00               | 1.202                  | -               | -                | -              | -        |
|               |               | 18900     | 1880.0 | 22.64                 | 23.00               | 1.086                  | -0.12           | 0.436            | 0.474          | 5        |
|               |               | 19100     | 1900.0 | 22.46                 | 23.00               | 1.132                  | -               | -                | -              | -        |
|               | Right Tilt    | 18700     | 1860.0 | 22.20                 | 23.00               | 1.202                  | -               | -                | -              | -        |
|               |               | 18900     | 1880.0 | 22.64                 | 23.00               | 1.086                  | -0.08           | 0.214            | 0.232          | -        |
|               |               | 19100     | 1900.0 | 22.46                 | 23.00               | 1.132                  | -               | -                | -              | -        |
| 20M QPSK 50RB | Left Touch    | 18700     | 1860.0 | 21.95                 | 22.50               | 1.135                  | -               | -                | -              | -        |
|               |               | 18900     | 1880.0 | 21.58                 | 22.50               | 1.236                  | -               | -                | -              | -        |
|               |               | 19100     | 1900.0 | 22.24                 | 22.50               | 1.062                  | 0.04            | 0.305            | 0.324          | -        |
|               | Left Tilt     | 18700     | 1860.0 | 21.95                 | 22.50               | 1.135                  | -               | -                | -              | -        |
|               |               | 18900     | 1880.0 | 21.58                 | 22.50               | 1.236                  | -               | -                | -              | -        |
|               |               | 19100     | 1900.0 | 22.24                 | 22.50               | 1.062                  | 0.09            | 0.135            | 0.143          | -        |
|               | Right Touch   | 18700     | 1860.0 | 21.95                 | 22.50               | 1.135                  | -               | -                | -              | -        |
|               |               | 18900     | 1880.0 | 21.58                 | 22.50               | 1.236                  | -               | -                | -              | -        |
|               |               | 19100     | 1900.0 | 22.24                 | 22.50               | 1.062                  | -0.02           | 0.411            | 0.436          | -        |
|               | Right Tilt    | 18700     | 1860.0 | 21.95                 | 22.50               | 1.135                  | -               | -                | -              | -        |
|               |               | 18900     | 1880.0 | 21.58                 | 22.50               | 1.236                  | -               | -                | -              | -        |
|               |               | 19100     | 1900.0 | 22.24                 | 22.50               | 1.062                  | -0.10           | 0.206            | 0.219          | -        |

| LTE Band 4     |               |           |        |                       |                     |                        |                 |                  |                |          |
|----------------|---------------|-----------|--------|-----------------------|---------------------|------------------------|-----------------|------------------|----------------|----------|
| Mode           | Test Position | Frequency |        | Conducted Power (dBm) | Tune-up limit (dBm) | Tune-up scaling factor | Power Drift(dB) | Measured SAR(1g) | Report SAR(1g) | Plot No. |
|                |               | CH        | MHz    |                       |                     |                        |                 | (W/kg)           | (W/kg)         |          |
| 20M QPSK 1RB   | Left Touch    | 20050     | 1720.0 | 21.88                 | 22.50               | 1.153                  | -               | -                | -              | -        |
|                |               | 20175     | 1732.5 | 21.81                 | 22.50               | 1.172                  | -               | -                | -              | -        |
|                |               | 20300     | 1745.0 | 22.47                 | 22.50               | 1.007                  | -0.05           | 0.766            | 0.771          | -        |
|                | Left Tilt     | 20050     | 1720.0 | 21.88                 | 22.50               | 1.153                  | -               | -                | -              | -        |
|                |               | 20175     | 1732.5 | 21.81                 | 22.50               | 1.172                  | -               | -                | -              | -        |
|                |               | 20300     | 1745.0 | 22.47                 | 22.50               | 1.007                  | 0.08            | 0.443            | 0.446          | -        |
|                | Right Touch   | 20050     | 1720.0 | 21.88                 | 22.50               | 1.153                  | 0.01            | 0.671            | 0.774          | -        |
|                |               | 20175     | 1732.5 | 21.81                 | 22.50               | 1.172                  | -0.05           | 0.652            | 0.764          | -        |
|                |               | 20300     | 1745.0 | 22.47                 | 22.50               | 1.007                  | 0.04            | 0.803            | 0.809          | 6        |
|                | Right Tilt    | 20050     | 1720.0 | 21.88                 | 22.50               | 1.153                  | -               | -                | -              | -        |
|                |               | 20175     | 1732.5 | 21.81                 | 22.50               | 1.172                  | -               | -                | -              | -        |
|                |               | 20300     | 1745.0 | 22.47                 | 22.50               | 1.007                  | -0.06           | 0.510            | 0.514          | -        |
| 20M QPSK 50RB  | Left Touch    | 20050     | 1720.0 | 20.44                 | 21.50               | 1.276                  | -               | -                | -              | -        |
|                |               | 20175     | 1732.5 | 20.98                 | 21.50               | 1.127                  | -               | -                | -              | -        |
|                |               | 20300     | 1745.0 | 21.04                 | 21.50               | 1.112                  | 0.03            | 0.682            | 0.758          | -        |
|                | Left Tilt     | 20050     | 1720.0 | 20.44                 | 21.50               | 1.276                  | -               | -                | -              | -        |
|                |               | 20175     | 1732.5 | 20.98                 | 21.50               | 1.127                  | -               | -                | -              | -        |
|                |               | 20300     | 1745.0 | 21.04                 | 21.50               | 1.112                  | -0.07           | 0.375            | 0.417          | -        |
|                | Right Touch   | 20050     | 1720.0 | 20.44                 | 21.50               | 1.276                  | 0.09            | 0.623            | 0.795          | -        |
|                |               | 20175     | 1732.5 | 20.98                 | 21.50               | 1.127                  | 0.16            | 0.686            | 0.773          | -        |
|                |               | 20300     | 1745.0 | 21.04                 | 21.50               | 1.112                  | 0.10            | 0.721            | 0.802          | -        |
|                | Right Tilt    | 20050     | 1720.0 | 20.44                 | 21.50               | 1.276                  | -               | -                | -              | -        |
|                |               | 20175     | 1732.5 | 20.98                 | 21.50               | 1.127                  | -               | -                | -              | -        |
|                |               | 20300     | 1745.0 | 21.04                 | 21.50               | 1.112                  | 0.11            | 0.417            | 0.464          | -        |
| 20M QPSK 100RB | Left Touch    | 20050     | 1720.0 | 20.59                 | 21.50               | 1.233                  | -               | -                | -              | -        |
|                |               | 20175     | 1732.5 | 20.93                 | 21.50               | 1.140                  | -               | -                | -              | -        |
|                |               | 20300     | 1745.0 | 21.05                 | 21.50               | 1.109                  | -0.03           | 0.656            | 0.728          | -        |
|                | Left Tilt     | 20050     | 1720.0 | 20.59                 | 21.50               | 1.233                  | -               | -                | -              | -        |
|                |               | 20175     | 1732.5 | 20.93                 | 21.50               | 1.140                  | -               | -                | -              | -        |
|                |               | 20300     | 1745.0 | 21.05                 | 21.50               | 1.109                  | 0.14            | 0.341            | 0.378          | -        |
|                | Right Touch   | 20050     | 1720.0 | 20.59                 | 21.50               | 1.233                  | -               | -                | -              | -        |
|                |               | 20175     | 1732.5 | 20.93                 | 21.50               | 1.140                  | -               | -                | -              | -        |
|                |               | 20300     | 1745.0 | 21.05                 | 21.50               | 1.109                  | 0.11            | 0.716            | 0.794          | -        |
|                | Right Tilt    | 20050     | 1720.0 | 20.59                 | 21.50               | 1.233                  | -               | -                | -              | -        |
|                |               | 20175     | 1732.5 | 20.93                 | 21.50               | 1.140                  | -               | -                | -              | -        |
|                |               | 20300     | 1745.0 | 21.05                 | 21.50               | 1.109                  | -0.05           | 0.383            | 0.425          | -        |

| LTE Band 5    |               |           |       |                       |                     |                        |                 |                  |                |          |
|---------------|---------------|-----------|-------|-----------------------|---------------------|------------------------|-----------------|------------------|----------------|----------|
| Mode          | Test Position | Frequency |       | Conducted Power (dBm) | Tune-up limit (dBm) | Tune-up scaling factor | Power Drift(dB) | Measured SAR(1g) | Report SAR(1g) | Plot No. |
|               |               | CH        | MHz   |                       |                     |                        |                 | (W/kg)           | (W/kg)         |          |
| 10M QPSK 1RB  | Left Touch    | 20450     | 829.0 | 23.08                 | 23.50               | 1.102                  | 0.06            | 0.685            | 0.755          | -        |
|               |               | 20525     | 836.5 | 22.86                 | 23.50               | 1.159                  | -               | -                | -              | -        |
|               |               | 20600     | 844.0 | 22.54                 | 23.50               | 1.247                  | -               | -                | -              | -        |
|               | Left Tilt     | 20450     | 829.0 | 23.08                 | 23.50               | 1.102                  | -0.03           | 0.632            | 0.696          | -        |
|               |               | 20525     | 836.5 | 22.86                 | 23.50               | 1.159                  | -               | -                | -              | -        |
|               |               | 20600     | 844.0 | 22.54                 | 23.50               | 1.247                  | -               | -                | -              | -        |
|               | Right Touch   | 20450     | 829.0 | 23.08                 | 23.50               | 1.102                  | 0.02            | 0.705            | 0.777          | 7        |
|               |               | 20525     | 836.5 | 22.86                 | 23.50               | 1.159                  | -               | -                | -              | -        |
|               |               | 20600     | 844.0 | 22.54                 | 23.50               | 1.247                  | -               | -                | -              | -        |
|               | Right Tilt    | 20450     | 829.0 | 23.08                 | 23.50               | 1.102                  | -0.01           | 0.677            | 0.746          | -        |
|               |               | 20525     | 836.5 | 22.86                 | 23.50               | 1.159                  | -               | -                | -              | -        |
|               |               | 20600     | 844.0 | 22.54                 | 23.50               | 1.247                  | -               | -                | -              | -        |
| 10M QPSK 25RB | Left Touch    | 20450     | 829.0 | 20.03                 | 20.50               | 1.114                  | 0.01            | 0.517            | 0.576          | -        |
|               |               | 20525     | 836.5 | 19.80                 | 20.50               | 1.175                  | -               | -                | -              | -        |
|               |               | 20600     | 844.0 | 19.56                 | 20.50               | 1.242                  | -               | -                | -              | -        |
|               | Left Tilt     | 20450     | 829.0 | 20.03                 | 20.50               | 1.114                  | -0.07           | 0.482            | 0.537          | -        |
|               |               | 20525     | 836.5 | 19.80                 | 20.50               | 1.175                  | -               | -                | -              | -        |
|               |               | 20600     | 844.0 | 19.56                 | 20.50               | 1.242                  | -               | -                | -              | -        |
|               | Right Touch   | 20450     | 829.0 | 20.03                 | 20.50               | 1.114                  | 0.04            | 0.546            | 0.608          | -        |
|               |               | 20525     | 836.5 | 19.80                 | 20.50               | 1.175                  | -               | -                | -              | -        |
|               |               | 20600     | 844.0 | 19.56                 | 20.50               | 1.242                  | -               | -                | -              | -        |
|               | Right Tilt    | 20450     | 829.0 | 20.03                 | 20.50               | 1.114                  | -0.12           | 0.509            | 0.567          | -        |
|               |               | 20525     | 836.5 | 19.80                 | 20.50               | 1.175                  | -               | -                | -              | -        |
|               |               | 20600     | 844.0 | 19.56                 | 20.50               | 1.242                  | -               | -                | -              | -        |

| LTE Band 7    |               |           |        |                       |                     |                        |                 |                  |                |          |
|---------------|---------------|-----------|--------|-----------------------|---------------------|------------------------|-----------------|------------------|----------------|----------|
| Mode          | Test Position | Frequency |        | Conducted Power (dBm) | Tune-up limit (dBm) | Tune-up scaling factor | Power Drift(dB) | Measured SAR(1g) | Report SAR(1g) | Plot No. |
|               |               | CH        | MHz    |                       |                     |                        |                 | (W/kg)           | (W/kg)         |          |
| 20M QPSK 1RB  | Left Touch    | 20850     | 2510.0 | 22.30                 | 22.50               | 1.047                  | 0.05            | 0.020            | 0.021          | -        |
|               |               | 21100     | 2535.0 | 21.92                 | 22.50               | 1.143                  | -               | -                | -              | -        |
|               |               | 21350     | 2560.0 | 21.95                 | 22.50               | 1.135                  | -               | -                | -              | -        |
|               | Left Tilt     | 20850     | 2510.0 | 22.30                 | 22.50               | 1.047                  | -0.07           | 0.007            | 0.007          | -        |
|               |               | 21100     | 2535.0 | 21.92                 | 22.50               | 1.143                  | -               | -                | -              | -        |
|               |               | 21350     | 2560.0 | 21.95                 | 22.50               | 1.135                  | -               | -                | -              | -        |
|               | Right Touch   | 20850     | 2510.0 | 22.30                 | 22.50               | 1.047                  | -0.13           | 0.023            | 0.024          | 8        |
|               |               | 21100     | 2535.0 | 21.92                 | 22.50               | 1.143                  | -               | -                | -              | -        |
|               |               | 21350     | 2560.0 | 21.95                 | 22.50               | 1.135                  | -               | -                | -              | -        |
|               | Right Tilt    | 20850     | 2510.0 | 22.30                 | 22.50               | 1.047                  | 0.10            | 0.011            | 0.012          | -        |
|               |               | 21100     | 2535.0 | 21.92                 | 22.50               | 1.143                  | -               | -                | -              | -        |
|               |               | 21350     | 2560.0 | 21.95                 | 22.50               | 1.135                  | -               | -                | -              | -        |
| 20M QPSK 50RB | Left Touch    | 20850     | 2510.0 | 20.97                 | 21.00               | 1.007                  | 0.11            | 0.013            | 0.013          | -        |
|               |               | 21100     | 2535.0 | 20.96                 | 21.00               | 1.009                  | -               | -                | -              | -        |
|               |               | 21350     | 2560.0 | 20.88                 | 21.00               | 1.028                  | -               | -                | -              | -        |
|               | Left Tilt     | 20850     | 2510.0 | 20.97                 | 21.00               | 1.007                  | 0.08            | 0.003            | 0.003          | -        |
|               |               | 21100     | 2535.0 | 20.96                 | 21.00               | 1.009                  | -               | -                | -              | -        |
|               |               | 21350     | 2560.0 | 20.88                 | 21.00               | 1.028                  | -               | -                | -              | -        |
|               | Right Touch   | 20850     | 2510.0 | 20.97                 | 21.00               | 1.007                  | 0.05            | 0.016            | 0.016          | -        |
|               |               | 21100     | 2535.0 | 20.96                 | 21.00               | 1.009                  | -               | -                | -              | -        |
|               |               | 21350     | 2560.0 | 20.88                 | 21.00               | 1.028                  | -               | -                | -              | -        |
|               | Right Tilt    | 20850     | 2510.0 | 20.97                 | 21.00               | 1.007                  | 0.03            | 0.005            | 0.005          | -        |
|               |               | 21100     | 2535.0 | 20.96                 | 21.00               | 1.009                  | -               | -                | -              | -        |
|               |               | 21350     | 2560.0 | 20.88                 | 21.00               | 1.028                  | -               | -                | -              | -        |

| LTE Band 17   |               |           |       |                       |                     |                        |                 |                  |                |          |
|---------------|---------------|-----------|-------|-----------------------|---------------------|------------------------|-----------------|------------------|----------------|----------|
| Mode          | Test Position | Frequency |       | Conducted Power (dBm) | Tune-up limit (dBm) | Tune-up scaling factor | Power Drift(dB) | Measured SAR(1g) | Report SAR(1g) | Plot No. |
|               |               | CH        | MHz   |                       |                     |                        |                 | (W/kg)           | (W/kg)         |          |
| 10M QPSK 1RB  | Left Touch    | 23780     | 709.0 | 23.11                 | 23.50               | 1.094                  | -               | -                | -              | -        |
|               |               | 23790     | 710.0 | 22.97                 | 23.50               | 1.130                  | -               | -                | -              | -        |
|               |               | 23800     | 711.0 | 23.23                 | 23.50               | 1.064                  | -0.05           | 0.049            | 0.052          | -        |
|               | Left Tilt     | 23780     | 709.0 | 23.11                 | 23.50               | 1.094                  | -               | -                | -              | -        |
|               |               | 23790     | 710.0 | 22.97                 | 23.50               | 1.130                  | -               | -                | -              | -        |
|               |               | 23800     | 711.0 | 23.23                 | 23.50               | 1.064                  | 0.02            | 0.040            | 0.043          | -        |
|               | Right Touch   | 23780     | 709.0 | 23.11                 | 23.50               | 1.094                  | -               | -                | -              | -        |
|               |               | 23790     | 710.0 | 22.97                 | 23.50               | 1.130                  | -               | -                | -              | -        |
|               |               | 23800     | 711.0 | 23.23                 | 23.50               | 1.064                  | -0.04           | 0.051            | 0.054          | 9        |
|               | Right Tilt    | 23780     | 709.0 | 23.11                 | 23.50               | 1.094                  | -               | -                | -              | -        |
|               |               | 23790     | 710.0 | 22.97                 | 23.50               | 1.130                  | -               | -                | -              | -        |
|               |               | 23800     | 711.0 | 23.23                 | 23.50               | 1.064                  | 0.08            | 0.045            | 0.048          | -        |
| 10M QPSK 25RB | Left Touch    | 23780     | 709.0 | 22.29                 | 22.50               | 1.050                  | 0.07            | 0.037            | 0.039          | -        |
|               |               | 23790     | 710.0 | 21.85                 | 22.50               | 1.161                  | -               | -                | -              | -        |
|               |               | 23800     | 711.0 | 22.04                 | 22.50               | 1.112                  | -               | -                | -              | -        |
|               | Left Tilt     | 23780     | 709.0 | 22.29                 | 22.50               | 1.050                  | -0.11           | 0.030            | 0.031          | -        |
|               |               | 23790     | 710.0 | 21.85                 | 22.50               | 1.161                  | -               | -                | -              | -        |
|               |               | 23800     | 711.0 | 22.04                 | 22.50               | 1.112                  | -               | -                | -              | -        |
|               | Right Touch   | 23780     | 709.0 | 22.29                 | 22.50               | 1.050                  | 0.13            | 0.044            | 0.046          | -        |
|               |               | 23790     | 710.0 | 21.85                 | 22.50               | 1.161                  | -               | -                | -              | -        |
|               |               | 23800     | 711.0 | 22.04                 | 22.50               | 1.112                  | -               | -                | -              | -        |
|               | Right Tilt    | 23780     | 709.0 | 22.29                 | 22.50               | 1.050                  | 0.08            | 0.036            | 0.038          | -        |
|               |               | 23790     | 710.0 | 21.85                 | 22.50               | 1.161                  | -               | -                | -              | -        |
|               |               | 23800     | 711.0 | 22.04                 | 22.50               | 1.112                  | -               | -                | -              | -        |

| Bluetooth |               |           |      |                       |                     |                        |            |                           |                 |                  |                |          |
|-----------|---------------|-----------|------|-----------------------|---------------------|------------------------|------------|---------------------------|-----------------|------------------|----------------|----------|
| Mode      | Test Position | Frequency |      | Conducted Power (dBm) | Tune-up limit (dBm) | Tune-up scaling factor | Duty Cycle | Duty Cycle Scaling Factor | Power Drift(dB) | Measured SAR(1g) | Report SAR(1g) | Plot No. |
|           |               | CH        | MHz  |                       |                     |                        |            |                           |                 | (W/kg)           | (W/kg)         |          |
| GFSK      | Left Touch    | 0         | 2402 | 9.50                  | 9.50                | 1.000                  | 77.50%     | 1.290                     | 0.07            | 0.008            | 0.010          | -        |
|           |               | 39        | 2441 | 9.44                  | 9.50                | 1.014                  | 77.50%     | 1.290                     | -               | -                | -              | -        |
|           |               | 78        | 2480 | 7.59                  | 8.00                | 1.099                  | 77.50%     | 1.290                     | -               | -                | -              | -        |
|           | Left Tilt     | 0         | 2402 | 9.50                  | 9.50                | 1.000                  | 77.50%     | 1.290                     | 0.05            | 0.005            | 0.006          | -        |
|           |               | 39        | 2441 | 9.44                  | 9.50                | 1.014                  | 77.50%     | 1.290                     | -               | -                | -              | -        |
|           |               | 78        | 2480 | 7.59                  | 8.00                | 1.099                  | 77.50%     | 1.290                     | -               | -                | -              | -        |
|           | Right Touch   | 0         | 2402 | 9.50                  | 9.50                | 1.000                  | 77.50%     | 1.290                     | -0.10           | 0.010            | 0.012          | 10       |
|           |               | 39        | 2441 | 9.44                  | 9.50                | 1.014                  | 77.50%     | 1.290                     | -               | -                | -              | -        |
|           |               | 78        | 2480 | 7.59                  | 8.00                | 1.099                  | 77.50%     | 1.290                     | -               | -                | -              | -        |
|           | Right Tilt    | 0         | 2402 | 9.50                  | 9.50                | 1.000                  | 77.50%     | 1.290                     | 0.09            | 0.007            | 0.009          | -        |
|           |               | 39        | 2441 | 9.44                  | 9.50                | 1.014                  | 77.50%     | 1.290                     | -               | -                | -              | -        |
|           |               | 78        | 2480 | 7.59                  | 8.00                | 1.099                  | 77.50%     | 1.290                     | -               | -                | -              | -        |

**Appendix B:SAR Measurement Results-Body**

| GSM850         |               |           |       |                       |                     |                        |                 |                  |                |          |
|----------------|---------------|-----------|-------|-----------------------|---------------------|------------------------|-----------------|------------------|----------------|----------|
| Mode           | Test Position | Frequency |       | Conducted Power (dBm) | Tune-up limit (dBm) | Tune-up scaling factor | Power Drift(dB) | Measured SAR(1g) | Report SAR(1g) | Plot No. |
|                |               | CH        | MHz   |                       |                     |                        |                 | (W/kg)           | (W/kg)         |          |
| GPRS 3Tx slots | Front         | 128       | 824.2 | 27.15                 | 29.00               | 1.531                  | -               | -                | -              | -        |
|                |               | 190       | 836.6 | 28.24                 | 29.00               | 1.191                  | -               | -                | -              | -        |
|                |               | 251       | 848.8 | 28.77                 | 29.00               | 1.054                  | -0.07           | 0.418            | 0.441          | 11       |
|                | Rear          | 128       | 824.2 | 27.15                 | 29.00               | 1.531                  | -               | -                | -              | -        |
|                |               | 190       | 836.6 | 28.24                 | 29.00               | 1.191                  | -               | -                | -              | -        |
|                |               | 251       | 848.8 | 28.77                 | 29.00               | 1.054                  | -0.05           | 0.388            | 0.409          | -        |

| GSM1900        |               |           |        |                       |                     |                        |                 |                  |                |          |
|----------------|---------------|-----------|--------|-----------------------|---------------------|------------------------|-----------------|------------------|----------------|----------|
| Mode           | Test Position | Frequency |        | Conducted Power (dBm) | Tune-up limit (dBm) | Tune-up scaling factor | Power Drift(dB) | Measured SAR(1g) | Report SAR(1g) | Plot No. |
|                |               | CH        | MHz    |                       |                     |                        |                 | (W/kg)           | (W/kg)         |          |
| GPRS 2Tx slots | Front         | 512       | 1850.2 | 26.54                 | 28.00               | 1.400                  | -               | -                | -              | -        |
|                |               | 661       | 1880.0 | 27.00                 | 28.00               | 1.259                  | -               | -                | -              | -        |
|                |               | 810       | 1909.8 | 27.77                 | 28.00               | 1.054                  | -0.06           | 0.174            | 0.183          | 12       |
|                | Rear          | 512       | 1850.2 | 26.54                 | 28.00               | 1.400                  | -               | -                | -              | -        |
|                |               | 661       | 1880.0 | 27.00                 | 28.00               | 1.259                  | -               | -                | -              | -        |
|                |               | 810       | 1909.8 | 27.77                 | 28.00               | 1.054                  | -0.03           | 0.155            | 0.163          | -        |

| WCDMA Band II   |               |           |        |                       |                     |                        |                 |                  |                |          |
|-----------------|---------------|-----------|--------|-----------------------|---------------------|------------------------|-----------------|------------------|----------------|----------|
| Mode            | Test Position | Frequency |        | Conducted Power (dBm) | Tune-up limit (dBm) | Tune-up scaling factor | Power Drift(dB) | Measured SAR(1g) | Report SAR(1g) | Plot No. |
|                 |               | CH        | MHz    |                       |                     |                        |                 | (W/kg)           | (W/kg)         |          |
| RMC<br>12.2Kbps | Front         | 9262      | 1852.4 | 20.18                 | 22.00               | 1.521                  | -               | -                | -              | -        |
|                 |               | 9400      | 1880.0 | 20.80                 | 22.00               | 1.318                  | -               | -                | -              | -        |
|                 |               | 9538      | 1907.6 | 21.55                 | 22.00               | 1.109                  | -0.21           | 0.389            | 0.431          | 13       |
|                 | Rear          | 9262      | 1852.4 | 20.18                 | 22.00               | 1.521                  | -               | -                | -              | -        |
|                 |               | 9400      | 1880.0 | 20.80                 | 22.00               | 1.318                  | -               | -                | -              | -        |
|                 |               | 9538      | 1907.6 | 21.55                 | 22.00               | 1.109                  | -0.08           | 0.340            | 0.377          | -        |

| WCDMA Band V    |               |           |       |                       |                     |                        |                 |                  |                |          |
|-----------------|---------------|-----------|-------|-----------------------|---------------------|------------------------|-----------------|------------------|----------------|----------|
| Mode            | Test Position | Frequency |       | Conducted Power (dBm) | Tune-up limit (dBm) | Tune-up scaling factor | Power Drift(dB) | Measured SAR(1g) | Report SAR(1g) | Plot No. |
|                 |               | CH        | MHz   |                       |                     |                        |                 | (W/kg)           | (W/kg)         |          |
| RMC<br>12.2Kbps | Front         | 4132      | 826.4 | 21.48                 | 22.00               | 1.127                  | -               | -                | -              | -        |
|                 |               | 4183      | 836.6 | 21.67                 | 22.00               | 1.079                  | 0.01            | 0.476            | 0.514          | 14       |
|                 |               | 4233      | 846.6 | 21.49                 | 22.00               | 1.125                  | -               | -                | -              | -        |
|                 | Rear          | 4132      | 826.4 | 21.48                 | 22.00               | 1.127                  | -               | -                | -              | -        |
|                 |               | 4183      | 836.6 | 21.67                 | 22.00               | 1.079                  | 0.09            | 0.369            | 0.398          | -        |
|                 |               | 4233      | 846.6 | 21.49                 | 22.00               | 1.125                  | -               | -                | -              | -        |

| LTE Band 2    |               |           |        |                       |                     |                        |                 |                  |                |          |
|---------------|---------------|-----------|--------|-----------------------|---------------------|------------------------|-----------------|------------------|----------------|----------|
| Mode          | Test Position | Frequency |        | Conducted Power (dBm) | Tune-up limit (dBm) | Tune-up scaling factor | Power Drift(dB) | Measured SAR(1g) | Report SAR(1g) | Plot No. |
|               |               | CH        | MHz    |                       |                     |                        |                 | (W/kg)           | (W/kg)         |          |
| 20M QPSK 1RB  | Front         | 18700     | 1860.0 | 22.20                 | 23.00               | 1.202                  | -               | -                | -              | -        |
|               |               | 18900     | 1880.0 | 22.64                 | 23.00               | 1.086                  | -0.03           | 0.525            | 0.570          | 15       |
|               |               | 19100     | 1900.0 | 22.46                 | 23.00               | 1.132                  | -               | -                | -              | -        |
|               | Rear          | 18700     | 1860.0 | 22.20                 | 23.00               | 1.202                  | -               | -                | -              | -        |
|               |               | 18900     | 1880.0 | 22.64                 | 23.00               | 1.086                  | -0.05           | 0.487            | 0.529          | -        |
|               |               | 19100     | 1900.0 | 22.46                 | 23.00               | 1.132                  | -               | -                | -              | -        |
| 20M QPSK 50RB | Front         | 18700     | 1860.0 | 21.95                 | 22.50               | 1.135                  | -               | -                | -              | -        |
|               |               | 18900     | 1880.0 | 21.58                 | 22.50               | 1.236                  | -               | -                | -              | -        |
|               |               | 19100     | 1900.0 | 22.24                 | 22.50               | 1.062                  | -0.08           | 0.502            | 0.533          | -        |
|               | Rear          | 18700     | 1860.0 | 21.95                 | 22.50               | 1.135                  | -               | -                | -              | -        |
|               |               | 18900     | 1880.0 | 21.58                 | 22.50               | 1.236                  | -               | -                | -              | -        |
|               |               | 19100     | 1900.0 | 22.24                 | 22.50               | 1.062                  | -0.09           | 0.455            | 0.483          | -        |

| LTE Band 4     |               |           |        |                       |                     |                        |                 |                  |                |          |
|----------------|---------------|-----------|--------|-----------------------|---------------------|------------------------|-----------------|------------------|----------------|----------|
| Mode           | Test Position | Frequency |        | Conducted Power (dBm) | Tune-up limit (dBm) | Tune-up scaling factor | Power Drift(dB) | Measured SAR(1g) | Report SAR(1g) | Plot No. |
|                |               | CH        | MHz    |                       |                     |                        |                 | (W/kg)           | (W/kg)         |          |
| 20M QPSK 1RB   | Front         | 20050     | 1720.0 | 21.88                 | 22.50               | 1.153                  | -0.06           | 0.796            | 0.918          | -        |
|                |               | 20175     | 1732.5 | 21.81                 | 22.50               | 1.172                  | 0.05            | 0.762            | 0.893          | -        |
|                |               | 20300     | 1745.0 | 22.47                 | 22.50               | 1.007                  | -0.05           | 0.918            | 0.924          | 16       |
|                | Rear          | 20050     | 1720.0 | 21.88                 | 22.50               | 1.153                  | -0.13           | 0.734            | 0.847          | -        |
|                |               | 20175     | 1732.5 | 21.81                 | 22.50               | 1.172                  | 0.08            | 0.706            | 0.828          | -        |
|                |               | 20300     | 1745.0 | 22.47                 | 22.50               | 1.007                  | -0.07           | 0.854            | 0.860          | -        |
| 20M QPSK 50RB  | Front         | 20050     | 1720.0 | 20.44                 | 21.50               | 1.276                  | -0.10           | 0.709            | 0.905          | -        |
|                |               | 20175     | 1732.5 | 20.98                 | 21.50               | 1.127                  | 0.11            | 0.783            | 0.883          | -        |
|                |               | 20300     | 1745.0 | 21.04                 | 21.50               | 1.112                  | 0.05            | 0.826            | 0.918          | -        |
|                | Rear          | 20050     | 1720.0 | 20.44                 | 21.50               | 1.276                  | -0.09           | 0.653            | 0.834          | -        |
|                |               | 20175     | 1732.5 | 20.98                 | 21.50               | 1.127                  | 0.05            | 0.717            | 0.808          | -        |
|                |               | 20300     | 1745.0 | 21.04                 | 21.50               | 1.112                  | -0.09           | 0.763            | 0.848          | -        |
| 20M QPSK 100RB | Front         | 20050     | 1720.0 | 20.59                 | 21.50               | 1.233                  | 0.14            | 0.710            | 0.876          | -        |
|                |               | 20175     | 1732.5 | 20.93                 | 21.50               | 1.140                  | -0.03           | 0.775            | 0.884          | -        |
|                |               | 20300     | 1745.0 | 21.05                 | 21.50               | 1.109                  | 0.01            | 0.824            | 0.914          | -        |
|                | Rear          | 20050     | 1720.0 | 20.59                 | 21.50               | 1.233                  | 0.03            | 0.622            | 0.767          | -        |
|                |               | 20175     | 1732.5 | 20.93                 | 21.50               | 1.140                  | -0.08           | 0.693            | 0.790          | -        |
|                |               | 20300     | 1745.0 | 21.05                 | 21.50               | 1.109                  | 0.05            | 0.760            | 0.843          | -        |

| LTE Band 5    |               |           |       |                       |                     |                        |                 |                  |                |          |
|---------------|---------------|-----------|-------|-----------------------|---------------------|------------------------|-----------------|------------------|----------------|----------|
| Mode          | Test Position | Frequency |       | Conducted Power (dBm) | Tune-up limit (dBm) | Tune-up scaling factor | Power Drift(dB) | Measured SAR(1g) | Report SAR(1g) | Plot No. |
|               |               | CH        | MHz   |                       |                     |                        |                 | (W/kg)           | (W/kg)         |          |
| 10M QPSK 1RB  | Front         | 20450     | 829.0 | 23.08                 | 23.50               | 1.102                  | -0.03           | 0.489            | 0.539          | 17       |
|               |               | 20525     | 836.5 | 22.86                 | 23.50               | 1.159                  | -               | -                | -              | -        |
|               |               | 20600     | 844.0 | 22.54                 | 23.50               | 1.247                  | -               | -                | -              | -        |
|               | Rear          | 20450     | 829.0 | 23.08                 | 23.50               | 1.102                  | 0.04            | 0.428            | 0.471          | -        |
|               |               | 20525     | 836.5 | 22.86                 | 23.50               | 1.159                  | -               | -                | -              | -        |
|               |               | 20600     | 844.0 | 22.54                 | 23.50               | 1.247                  | -               | -                | -              | -        |
| 10M QPSK 25RB | Front         | 20450     | 829.0 | 20.03                 | 20.50               | 1.114                  | -0.08           | 0.326            | 0.363          | -        |
|               |               | 20525     | 836.5 | 19.80                 | 20.50               | 1.175                  | -               | -                | -              | -        |
|               |               | 20600     | 844.0 | 19.56                 | 20.50               | 1.242                  | -               | -                | -              | -        |
|               | Rear          | 20450     | 829.0 | 20.03                 | 20.50               | 1.114                  | -0.02           | 0.293            | 0.326          | -        |
|               |               | 20525     | 836.5 | 19.80                 | 20.50               | 1.175                  | -               | -                | -              | -        |
|               |               | 20600     | 844.0 | 19.56                 | 20.50               | 1.242                  | -               | -                | -              | -        |

| LTE Band 7    |               |           |        |                       |                     |                        |                 |                  |                |          |
|---------------|---------------|-----------|--------|-----------------------|---------------------|------------------------|-----------------|------------------|----------------|----------|
| Mode          | Test Position | Frequency |        | Conducted Power (dBm) | Tune-up limit (dBm) | Tune-up scaling factor | Power Drift(dB) | Measured SAR(1g) | Report SAR(1g) | Plot No. |
|               |               | CH        | MHz    |                       |                     |                        |                 | (W/kg)           | (W/kg)         |          |
| 20M QPSK 1RB  | Front         | 20850     | 2510.0 | 22.30                 | 22.50               | 1.047                  | -0.07           | 0.029            | 0.030          | 18       |
|               |               | 21100     | 2535.0 | 21.92                 | 22.50               | 1.143                  | -               | -                | -              | -        |
|               |               | 21350     | 2560.0 | 21.95                 | 22.50               | 1.135                  | -               | -                | -              | -        |
|               | Rear          | 20850     | 2510.0 | 22.30                 | 22.50               | 1.047                  | 0.08            | 0.020            | 0.021          | -        |
|               |               | 21100     | 2535.0 | 21.92                 | 22.50               | 1.143                  | -               | -                | -              | -        |
|               |               | 21350     | 2560.0 | 21.95                 | 22.50               | 1.135                  | -               | -                | -              | -        |
| 20M QPSK 50RB | Front         | 20850     | 2510.0 | 20.97                 | 21.00               | 1.007                  | 0.03            | 0.020            | 0.020          | -        |
|               |               | 21100     | 2535.0 | 20.96                 | 21.00               | 1.009                  | -               | -                | -              | -        |
|               |               | 21350     | 2560.0 | 20.88                 | 21.00               | 1.028                  | -               | -                | -              | -        |
|               | Rear          | 20850     | 2510.0 | 20.97                 | 21.00               | 1.007                  | -0.07           | 0.011            | 0.011          | -        |
|               |               | 21100     | 2535.0 | 20.96                 | 21.00               | 1.009                  | -               | -                | -              | -        |
|               |               | 21350     | 2560.0 | 20.88                 | 21.00               | 1.028                  | -               | -                | -              | -        |

| LTE Band 17   |               |           |       |                       |                     |                        |                 |                  |                |          |
|---------------|---------------|-----------|-------|-----------------------|---------------------|------------------------|-----------------|------------------|----------------|----------|
| Mode          | Test Position | Frequency |       | Conducted Power (dBm) | Tune-up limit (dBm) | Tune-up scaling factor | Power Drift(dB) | Measured SAR(1g) | Report SAR(1g) | Plot No. |
|               |               | CH        | MHz   |                       |                     |                        |                 | (W/kg)           | (W/kg)         |          |
| 10M QPSK 1RB  | Front         | 23780     | 709.0 | 23.11                 | 23.50               | 1.094                  | -               | -                | -              | -        |
|               |               | 23790     | 710.0 | 22.97                 | 23.50               | 1.130                  | -               | -                | -              | -        |
|               |               | 23800     | 711.0 | 23.23                 | 23.50               | 1.064                  | -0.13           | 0.051            | 0.055          | 19       |
|               | Rear          | 23780     | 709.0 | 23.11                 | 23.50               | 1.094                  | -               | -                | -              | -        |
|               |               | 23790     | 710.0 | 22.97                 | 23.50               | 1.130                  | -               | -                | -              | -        |
|               |               | 23800     | 711.0 | 23.23                 | 23.50               | 1.064                  | 0.02            | 0.044            | 0.047          | -        |
| 10M QPSK 25RB | Front         | 23780     | 709.0 | 22.29                 | 22.50               | 1.050                  | -0.04           | 0.037            | 0.039          | -        |
|               |               | 23790     | 710.0 | 21.85                 | 22.50               | 1.161                  | -               | -                | -              | -        |
|               |               | 23800     | 711.0 | 22.04                 | 22.50               | 1.112                  | -               | -                | -              | -        |
|               | Rear          | 23780     | 709.0 | 22.29                 | 22.50               | 1.050                  | 0.09            | 0.031            | 0.033          | -        |
|               |               | 23790     | 710.0 | 21.85                 | 22.50               | 1.161                  | -               | -                | -              | -        |
|               |               | 23800     | 711.0 | 22.04                 | 22.50               | 1.112                  | -               | -                | -              | -        |

| Bluetooth |               |           |        |                       |                     |                        |            |                           |                 |                  |                |          |
|-----------|---------------|-----------|--------|-----------------------|---------------------|------------------------|------------|---------------------------|-----------------|------------------|----------------|----------|
| Mode      | Test Position | Frequency |        | Conducted Power (dBm) | Tune-up limit (dBm) | Tune-up scaling factor | Duty Cycle | Duty Cycle Scaling Factor | Power Drift(dB) | Measured SAR(1g) | Report SAR(1g) | Plot No. |
|           |               | CH        | MHz    |                       |                     |                        |            |                           |                 | (W/kg)           | (W/kg)         |          |
| GFSK      | Front         | 0         | 2402.0 | 9.50                  | 9.50                | 1.000                  | 0.78       | 1.290                     | -0.11           | 0.004            | 0.005          | 20       |
|           |               | 39        | 2441.0 | 9.44                  | 9.50                | 1.014                  | 0.78       | 1.290                     | -               | -                | -              | -        |
|           |               | 78        | 2480.0 | 7.59                  | 8.00                | 1.099                  | 0.78       | 1.290                     | -               | -                | -              | -        |
|           | Rear          | 0         | 2402.0 | 9.50                  | 9.50                | 1.000                  | 0.78       | 1.290                     | 0.03            | 0.003            | 0.003          | -        |
|           |               | 39        | 2441.0 | 9.44                  | 9.50                | 1.014                  | 0.78       | 1.290                     | -               | -                | -              | -        |
|           |               | 78        | 2480.0 | 7.59                  | 8.00                | 1.099                  | 0.78       | 1.290                     | -               | -                | -              | -        |

**Appendix C: Simultaneous Transmission analysis-Head**

| WWAN +BT  |             |                   |                |       |            |
|-----------|-------------|-------------------|----------------|-------|------------|
| WWAN Band |             | Exposure Position | Max SAR (W/kg) |       | Summed SAR |
|           |             |                   | WWAN           | BT    | (W/kg)     |
| GSM       | GSM850      | Left Touch        | 0.396          | 0.010 | 0.406      |
|           |             | Left Tilt         | 0.344          | 0.006 | 0.350      |
|           |             | Right Touch       | 0.425          | 0.012 | 0.437      |
|           |             | Right Tilt        | 0.374          | 0.009 | 0.383      |
|           | GSM1900     | Left Touch        | 0.150          | 0.010 | 0.160      |
|           |             | Left Tilt         | 0.102          | 0.006 | 0.108      |
|           |             | Right Touch       | 0.155          | 0.012 | 0.167      |
|           |             | Right Tilt        | 0.112          | 0.009 | 0.121      |
| WCDMA     | Band II     | Left Touch        | 0.284          | 0.010 | 0.294      |
|           |             | Left Tilt         | 0.133          | 0.006 | 0.139      |
|           |             | Right Touch       | 0.324          | 0.012 | 0.336      |
|           |             | Right Tilt        | 0.140          | 0.009 | 0.149      |
|           | Band V      | Left Touch        | 0.466          | 0.010 | 0.476      |
|           |             | Left Tilt         | 0.418          | 0.006 | 0.424      |
|           |             | Right Touch       | 0.534          | 0.012 | 0.546      |
|           |             | Right Tilt        | 0.487          | 0.009 | 0.496      |
|           | B2<br>1RB   | Left Touch        | 0.372          | 0.010 | 0.382      |
|           |             | Left Tilt         | 0.194          | 0.006 | 0.200      |
|           |             | Right Touch       | 0.474          | 0.012 | 0.486      |
|           |             | Right Tilt        | 0.232          | 0.009 | 0.241      |
|           | B2<br>50RB  | Left Touch        | 0.324          | 0.010 | 0.334      |
|           |             | Left Tilt         | 0.143          | 0.006 | 0.149      |
|           |             | Right Touch       | 0.436          | 0.012 | 0.448      |
|           |             | Right Tilt        | 0.219          | 0.009 | 0.228      |
|           | B4<br>1RB   | Left Touch        | 0.771          | 0.010 | 0.781      |
|           |             | Left Tilt         | 0.446          | 0.006 | 0.452      |
|           |             | Right Touch       | 0.809          | 0.012 | 0.821      |
|           |             | Right Tilt        | 0.514          | 0.009 | 0.523      |
|           | B4<br>50RB  | Left Touch        | 0.758          | 0.010 | 0.768      |
|           |             | Left Tilt         | 0.417          | 0.006 | 0.423      |
|           |             | Right Touch       | 0.802          | 0.012 | 0.814      |
|           |             | Right Tilt        | 0.464          | 0.009 | 0.473      |
|           | B4<br>100RB | Left Touch        | 0.728          | 0.010 | 0.738      |
|           |             | Left Tilt         | 0.378          | 0.006 | 0.384      |
|           |             | Right Touch       | 0.794          | 0.012 | 0.806      |
|           |             | Right Tilt        | 0.425          | 0.009 | 0.434      |

|     |             |             |       |       |       |
|-----|-------------|-------------|-------|-------|-------|
| LTE | B5<br>1RB   | Left Touch  | 0.755 | 0.010 | 0.765 |
|     |             | Left Tilt   | 0.696 | 0.006 | 0.702 |
|     |             | Right Touch | 0.777 | 0.012 | 0.789 |
|     |             | Right Tilt  | 0.746 | 0.009 | 0.755 |
|     | B5<br>25RB  | Left Touch  | 0.576 | 0.010 | 0.586 |
|     |             | Left Tilt   | 0.537 | 0.006 | 0.543 |
|     |             | Right Touch | 0.608 | 0.012 | 0.620 |
|     |             | Right Tilt  | 0.567 | 0.009 | 0.576 |
|     | B7<br>1RB   | Left Touch  | 0.021 | 0.010 | 0.031 |
|     |             | Left Tilt   | 0.007 | 0.006 | 0.013 |
|     |             | Right Touch | 0.024 | 0.012 | 0.036 |
|     |             | Right Tilt  | 0.012 | 0.009 | 0.021 |
|     | B7<br>50RB  | Left Touch  | 0.013 | 0.010 | 0.023 |
|     |             | Left Tilt   | 0.003 | 0.006 | 0.009 |
|     |             | Right Touch | 0.016 | 0.012 | 0.028 |
|     |             | Right Tilt  | 0.005 | 0.009 | 0.014 |
|     | B17<br>1RB  | Left Touch  | 0.052 | 0.010 | 0.062 |
|     |             | Left Tilt   | 0.043 | 0.006 | 0.049 |
|     |             | Right Touch | 0.054 | 0.009 | 0.063 |
|     |             | Right Tilt  | 0.048 | 0.012 | 0.060 |
|     | B17<br>25RB | Left Touch  | 0.039 | 0.010 | 0.049 |
|     |             | Left Tilt   | 0.031 | 0.006 | 0.037 |
|     |             | Right Touch | 0.046 | 0.009 | 0.055 |
|     |             | Right Tilt  | 0.038 | 0.012 | 0.050 |

**Appendix C: Simultaneous Transmission analysis-Body**

| WWAN + BT |             |                   |                |       |            |
|-----------|-------------|-------------------|----------------|-------|------------|
| WWAN Band |             | Exposure Position | Max SAR (W/kg) |       | Summed SAR |
|           |             |                   | WWAN           | BT    | (W/kg)     |
| GSM       | GSM850      | Front             | 0.441          | 0.005 | 0.446      |
|           |             | Rear              | 0.409          | 0.003 | 0.412      |
|           | GSM1900     | Front             | 0.183          | 0.005 | 0.188      |
|           |             | Rear              | 0.163          | 0.003 | 0.166      |
| WCDMA     | Band II     | Front             | 0.431          | 0.005 | 0.436      |
|           |             | Rear              | 0.377          | 0.003 | 0.380      |
|           | Band V      | Front             | 0.514          | 0.005 | 0.519      |
|           |             | Rear              | 0.398          | 0.003 | 0.401      |
| LTE       | B2<br>1RB   | Front             | 0.570          | 0.005 | 0.575      |
|           |             | Rear              | 0.529          | 0.003 | 0.532      |
|           | B2<br>50RB  | Front             | 0.533          | 0.005 | 0.538      |
|           |             | Rear              | 0.483          | 0.003 | 0.486      |
|           | B4<br>1RB   | Front             | 0.924          | 0.005 | 0.929      |
|           |             | Rear              | 0.860          | 0.003 | 0.863      |
|           | B4<br>50RB  | Front             | 0.918          | 0.005 | 0.923      |
|           |             | Rear              | 0.848          | 0.003 | 0.851      |
|           | B4<br>100RB | Front             | 0.914          | 0.005 | 0.919      |
|           |             | Rear              | 0.843          | 0.003 | 0.846      |
|           | B5<br>1RB   | Front             | 0.539          | 0.005 | 0.544      |
|           |             | Rear              | 0.471          | 0.003 | 0.474      |
|           | B5<br>25RB  | Front             | 0.363          | 0.005 | 0.368      |
|           |             | Rear              | 0.326          | 0.003 | 0.329      |
|           | B7<br>1RB   | Front             | 0.030          | 0.005 | 0.035      |
|           |             | Rear              | 0.021          | 0.003 | 0.024      |
|           | B7<br>50RB  | Front             | 0.020          | 0.005 | 0.025      |
|           |             | Rear              | 0.011          | 0.003 | 0.014      |
|           | B17<br>1RB  | Front             | 0.055          | 0.005 | 0.060      |
|           |             | Rear              | 0.047          | 0.003 | 0.050      |
|           | B17<br>25RB | Front             | 0.039          | 0.005 | 0.044      |
|           |             | Rear              | 0.033          | 0.003 | 0.036      |

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 11/15/2022

## GSM 850-H-Head

Communication System: UID 0, Generic GPRS(TDMA, GMSK, TN 0-1-2) (0); Frequency: 848.8 MHz;Duty Cycle: 1:2.66993

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.87$  S/m;  $\epsilon_r = 41.522$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Ambient Temperature:22.4°C;Liquid Temperature:22.2°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(10.3, 10.3, 10.3) @ 848.8 MHz; Calibrated: 5/16/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/12/2022
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Right Touch Cheek/CH 251/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.512 W/kg

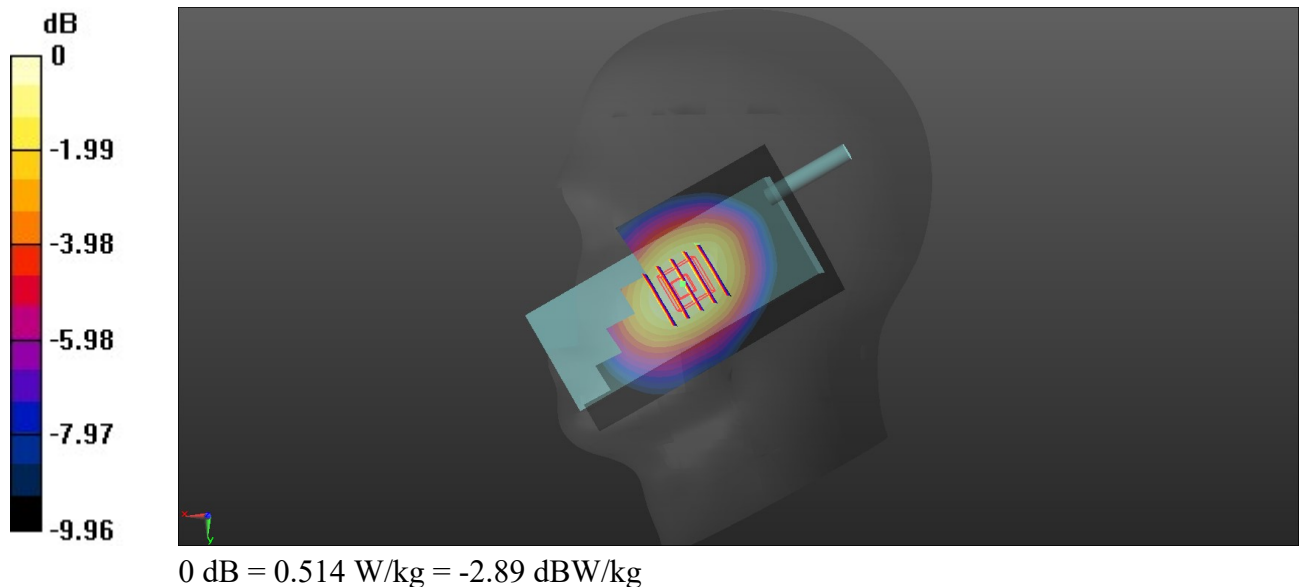
**Right Touch Cheek/CH 251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.282 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.583 W/kg

**SAR(1 g) = 0.403 W/kg; SAR(10 g) = 0.286 W/kg**

Maximum value of SAR (measured) = 0.514 W/kg



Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 11/16/2022

**GSM 1900-H-Head**

Communication System: UID 0, Generic GPRS(TDMA, GMSK, TN 0-1) (0); Frequency: 1909.8 MHz;Duty Cycle: 1:4.10015

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.42$  S/m;  $\epsilon_r = 39.12$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Ambient Temperature:22.4°C;Liquid Temperature:22.2°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.45, 8.45, 8.45) @ 1909.8 MHz; Calibrated: 5/16/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/12/2022
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Right Touch Cheek/CH 810/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.211 W/kg

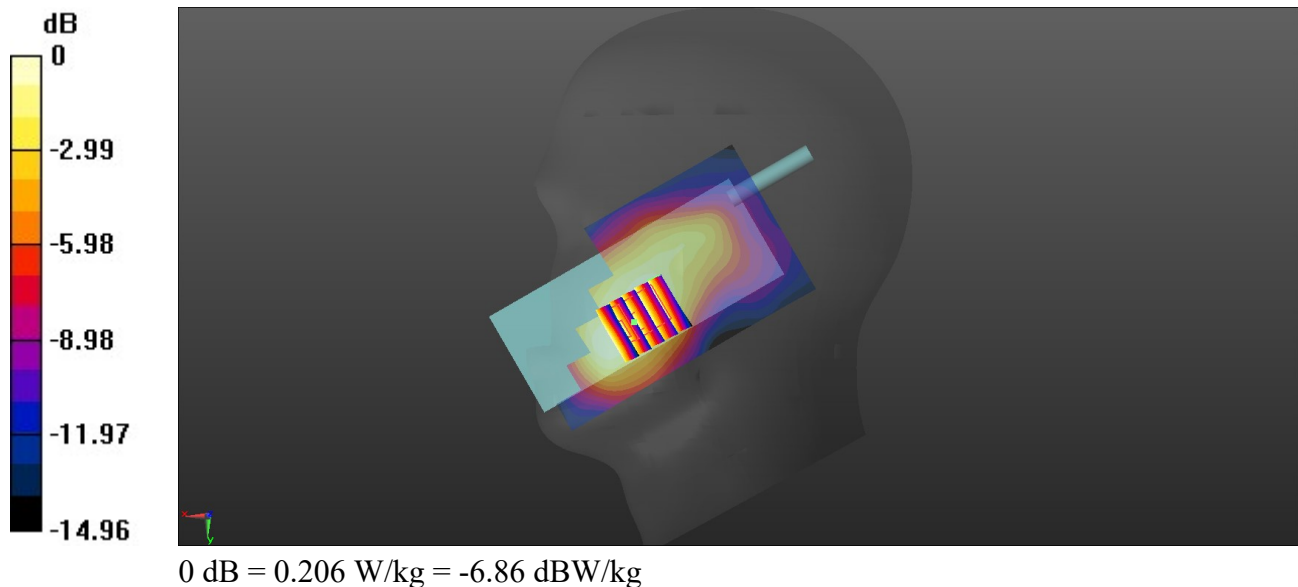
**Right Touch Cheek/CH 810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.379 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.239 W/kg

**SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.095 W/kg**

Maximum value of SAR (measured) = 0.206 W/kg



Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 11/16/2022

**WCDMA Band II-H-Head**

Communication System: UID 0, Generic UMTS (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1907.6$  MHz;  $\sigma = 1.419$  S/m;  $\epsilon_r = 39.122$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Ambient Temperature:22.4°C;Liquid Temperature:22.2°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.45, 8.45, 8.45) @ 1907.6 MHz; Calibrated: 5/16/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/12/2022
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Right Touch Cheek/CH 9538/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.412 W/kg

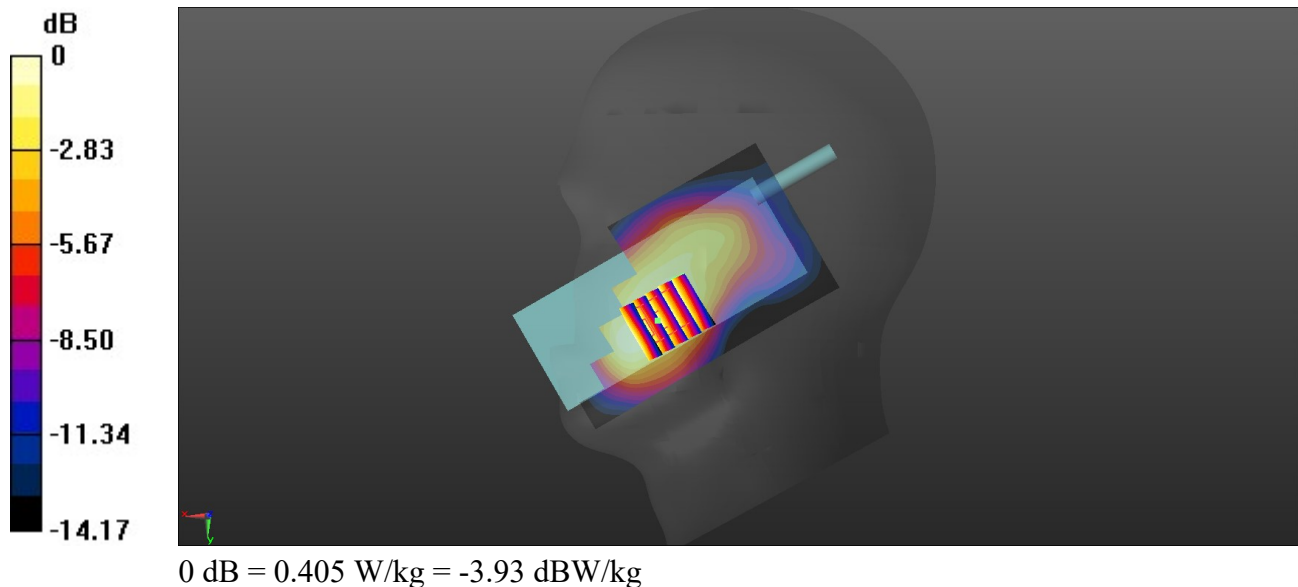
**Right Touch Cheek/CH 9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.617 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.465 W/kg

**SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.187 W/kg**

Maximum value of SAR (measured) = 0.405 W/kg



Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 11/15/2022

**WCDMA Band V-M-Head**

Communication System: UID 0, Generic UMTS (0); Frequency: 836.6 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.866$  S/m;  $\epsilon_r = 41.569$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Ambient Temperature:22.4°C;Liquid Temperature:22.2°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(10.3, 10.3, 10.3) @ 836.6 MHz; Calibrated: 5/16/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/12/2022
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Right Touch Cheek/CH 4183/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.630 W/kg

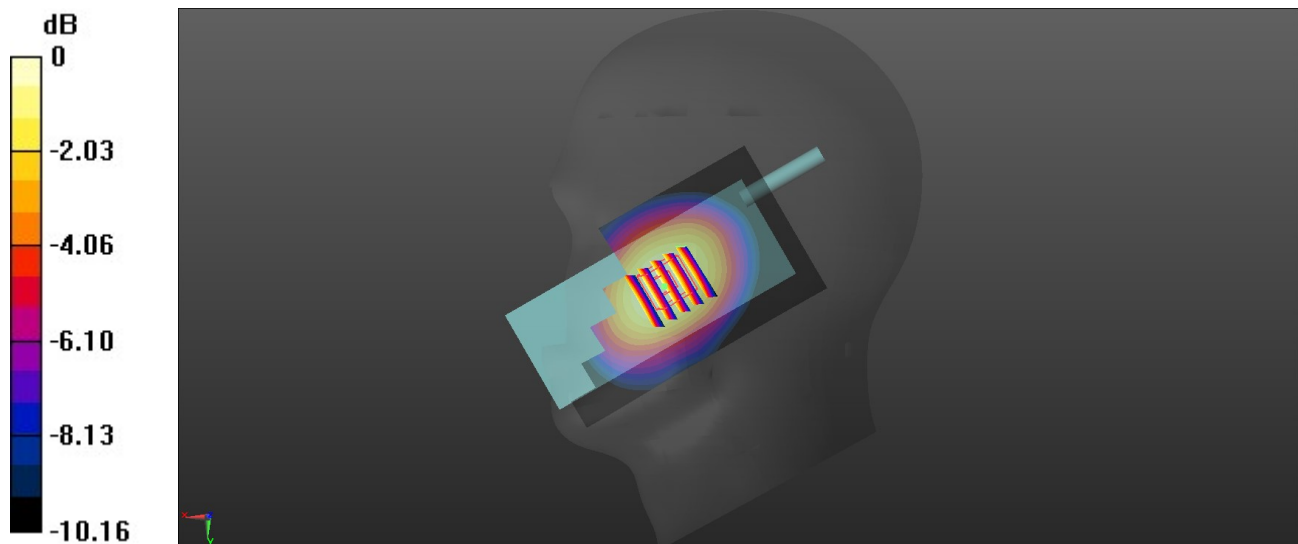
**Right Touch Cheek/CH 4183/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.593 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.709 W/kg

**SAR(1 g) = 0.495 W/kg; SAR(10 g) = 0.350 W/kg**

Maximum value of SAR (measured) = 0.630 W/kg



0 dB = 0.630 W/kg = -2.01 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 11/16/2022

**LTE Band 2-M-Head**

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.404$  S/m;  $\epsilon_r = 39.164$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Ambient Temperature:22.5°C;Liquid Temperature:22.3°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.45, 8.45, 8.45) @ 1880 MHz; Calibrated: 5/16/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/12/2022
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Right Touch Cheek/CH 18900/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.628 W/kg

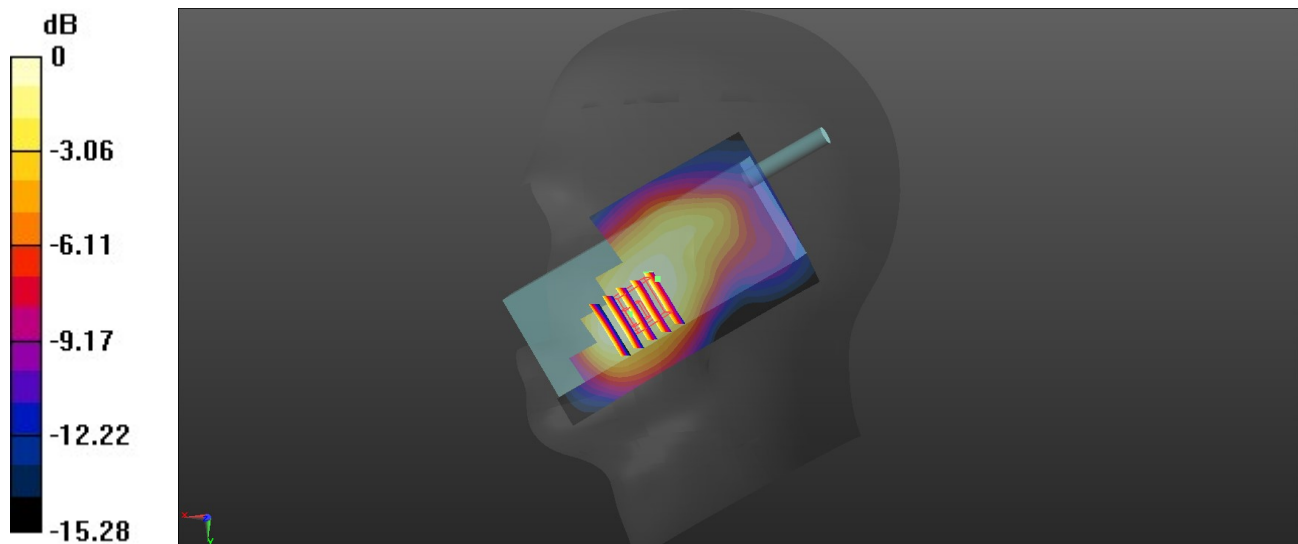
**Right Touch Cheek/CH 18900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.350 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.677 W/kg

**SAR(1 g) = 0.436 W/kg; SAR(10 g) = 0.282 W/kg**

Maximum value of SAR (measured) = 0.590 W/kg



Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 11/14/2022

**LTE Band 4-H-Head**

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 1745 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1745$  MHz;  $\sigma = 1.331$  S/m;  $\epsilon_r = 39.425$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Ambient Temperature:22.4°C;Liquid Temperature:22.2°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.81, 8.81, 8.81) @ 1745 MHz; Calibrated: 5/16/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/12/2022
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Right Touch Cheek/CH 20300/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.07 W/kg

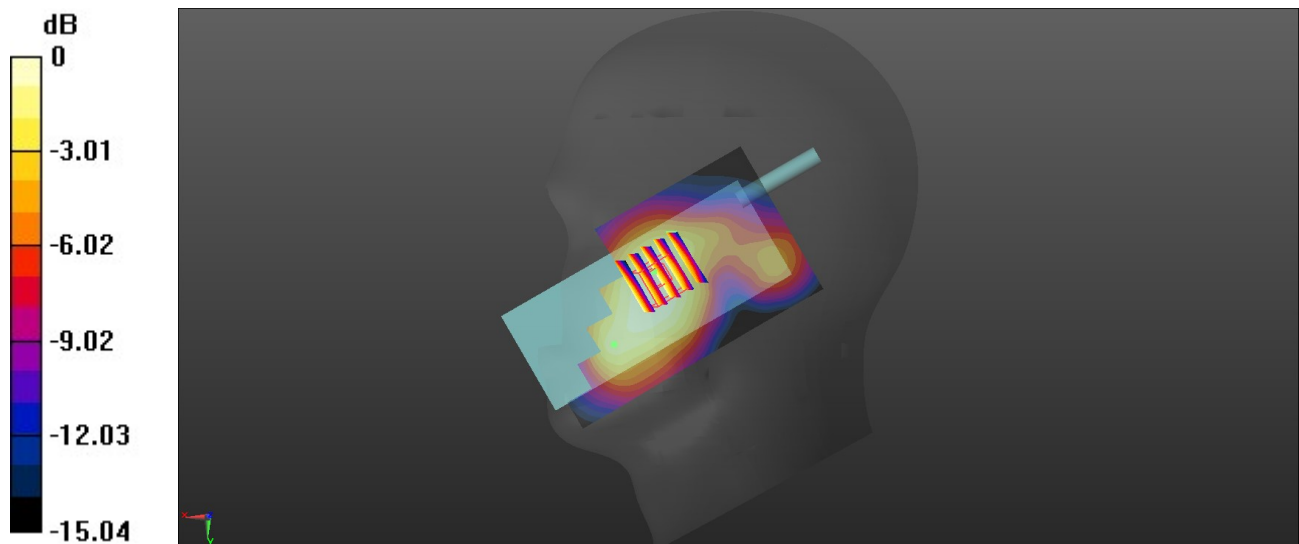
**Right Touch Cheek/CH 20300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.71 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.22 W/kg

**SAR(1 g) = 0.803 W/kg; SAR(10 g) = 0.537 W/kg**

Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg = 0.33 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 11/15/2022

**LTE Band 5-L-Head**

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 829 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 829$  MHz;  $\sigma = 0.864$  S/m;  $\epsilon_r = 41.604$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Ambient Temperature:22.4°C;Liquid Temperature:22.2.°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(10.3, 10.3, 10.3) @ 829 MHz; Calibrated: 5/16/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/12/2022
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Right Touch Cheek/CH 20450/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.891 W/kg

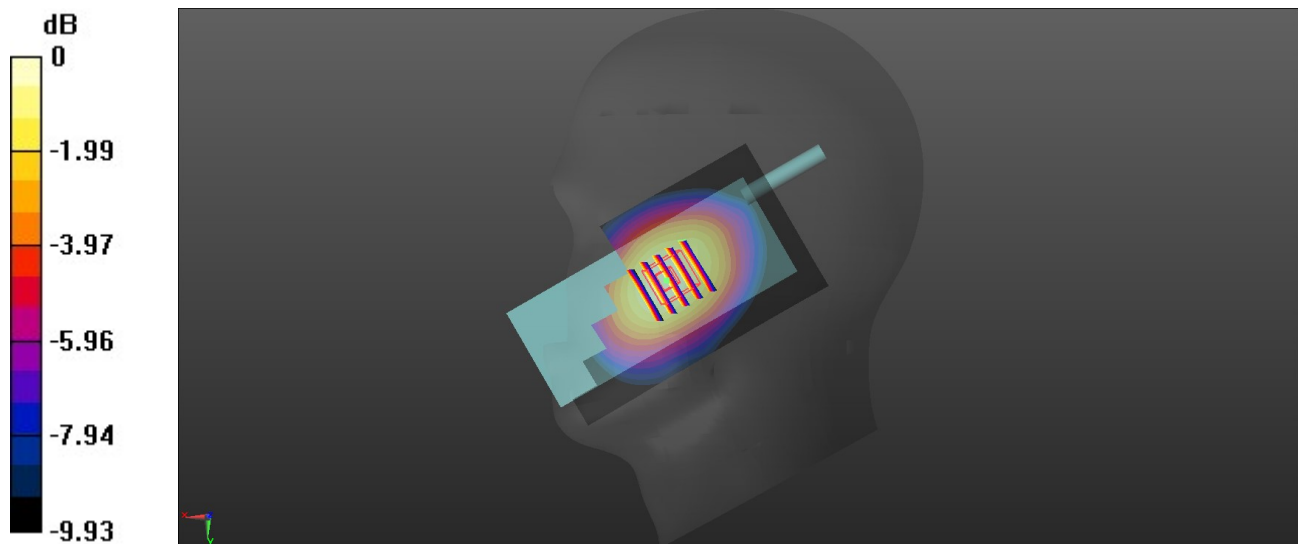
**Right Touch Cheek/CH 20450/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.07 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.705 W/kg; SAR(10 g) = 0.496 W/kg**

Maximum value of SAR (measured) = 0.906 W/kg



0 dB = 0.906 W/kg = -0.43 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 11/17/2022

**LTE Band 7-L-Head**

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 2510 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.84$  S/m;  $\epsilon_r = 39.379$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Ambient Temperature:22.5°C;Liquid Temperature:22.3°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(7.9, 7.9, 7.9) @ 2510 MHz; Calibrated: 5/16/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/12/2022
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Right Touch Cheek/CH 20850/Area Scan (71x131x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0456 W/kg

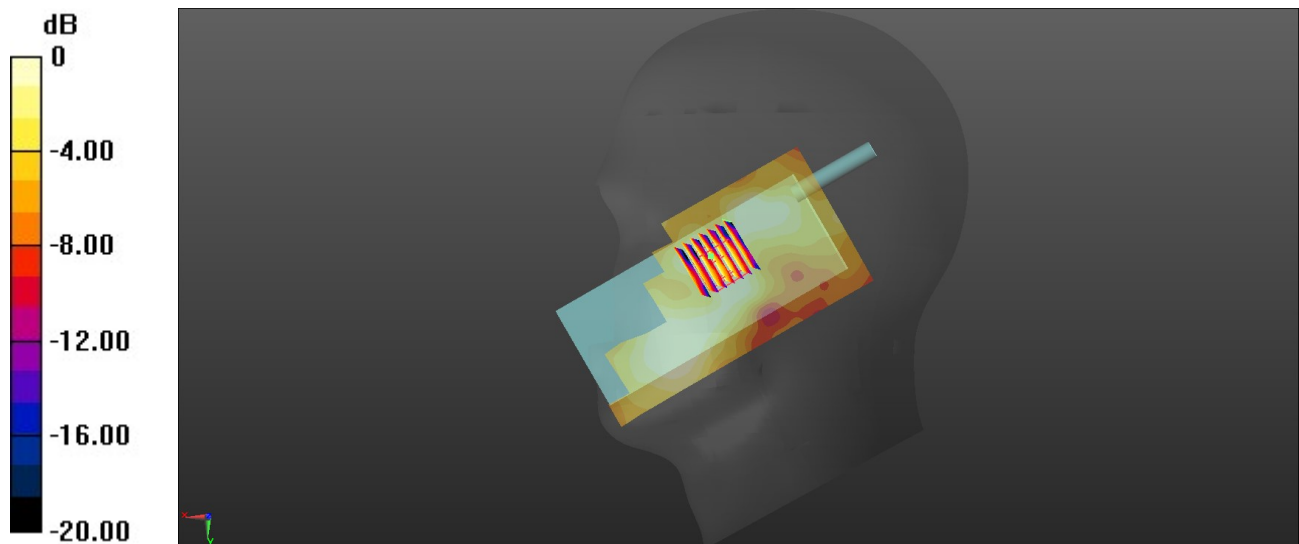
**Right Touch Cheek/CH 20850/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.266 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.0860 W/kg

**SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.014 W/kg.**

Maximum value of SAR (measured) = 0.0387 W/kg



0 dB = 0.0387 W/kg = -14.12 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 11/14/2022

**LTE Band 17-H-Head**

Communication System: UID 0, Generic LTE-FDD (0); Frequency: 711 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 711 \text{ MHz}$ ;  $\sigma = 0.903 \text{ S/m}$ ;  $\epsilon_r = 42.032$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Phantom section: Right Section

Ambient Temperature:22.2°C;Liquid Temperature:22.0°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(10.6, 10.6, 10.6) @ 711 MHz; Calibrated: 5/16/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/12/2022
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Right Touch Cheek/CH 23800/Area Scan (61x111x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ 

Maximum value of SAR (interpolated) = 0.0652 W/kg

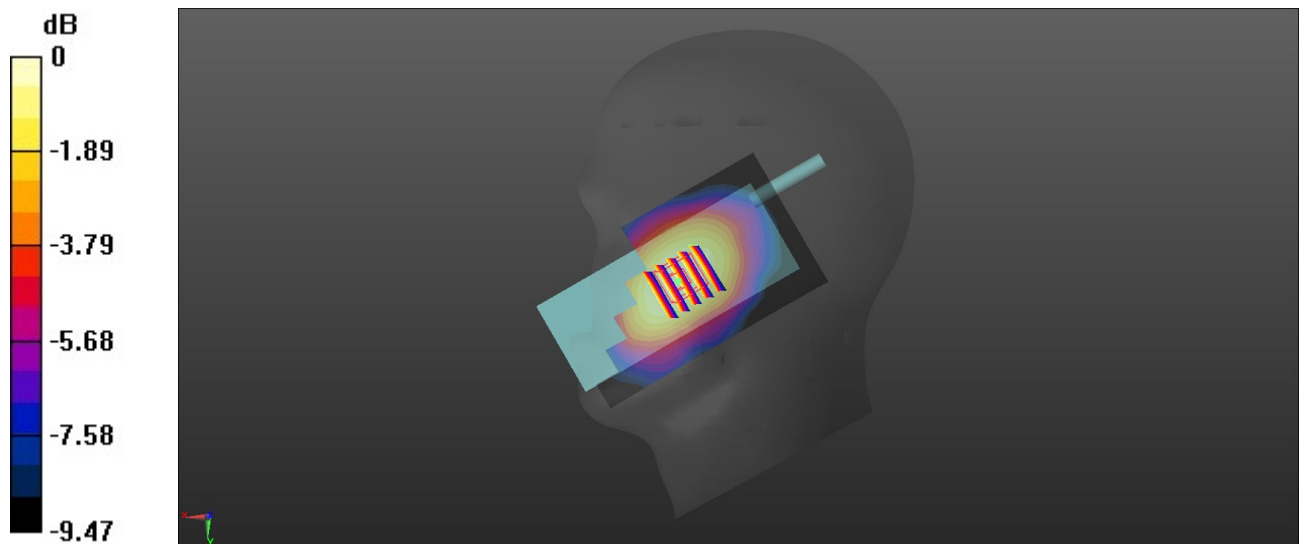
**Right Touch Cheek/CH 23800/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 3.322 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.0750 W/kg

**SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.037 W/kg**

Maximum value of SAR (measured) = 0.0655 W/kg



0 dB = 0.0655 W/kg = -11.84 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 11/17/2022

**Bluetooth-L-Head**

Communication System: UID 0, Generic BT (0); Frequency: 2402 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 2402$  MHz;  $\sigma = 1.763$  S/m;  $\epsilon_r = 39.41$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Ambient Temperature:22.5°C;Liquid Temperature:22.3°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(7.9, 7.9, 7.9) @ 2402 MHz; Calibrated: 5/16/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/12/2022
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Right Touch Cheek/CH 0/Area Scan (71x131x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0192 W/kg

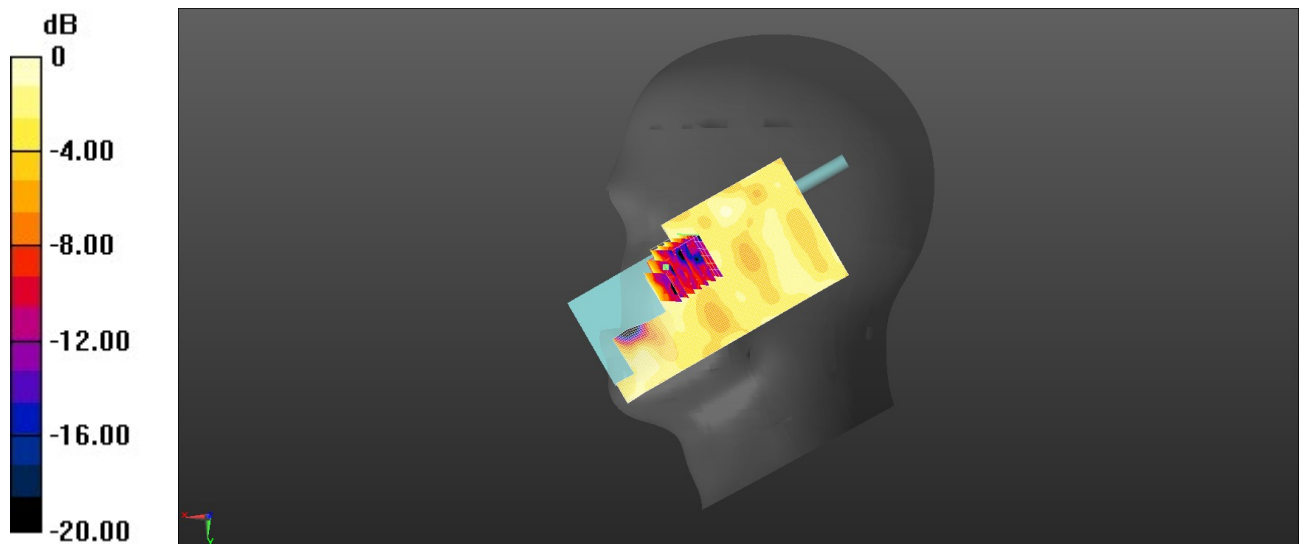
**Right Touch Cheek/CH 0/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.824 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.0490 W/kg

**SAR(1 g) = 0.00961 W/kg; SAR(10 g) = 0.00478 W/kg**

Maximum value of SAR (measured) = 0.0154 W/kg



0 dB = 0.0154 W/kg = -18.12 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 11/15/2022

**GSM 850-H-Body**

Communication System: UID 0, Generic GPRS(TDMA, GMSK, TN 0-1-2) (0); Frequency: 848.8 MHz;Duty Cycle: 1:2.66993

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.87$  S/m;  $\epsilon_r = 41.522$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient Temperature:22.4°C;Liquid Temperature:22.2°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(10.3, 10.3, 10.3) @ 848.8 MHz; Calibrated: 5/16/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/12/2022
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Front/CH 251/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.539 W/kg

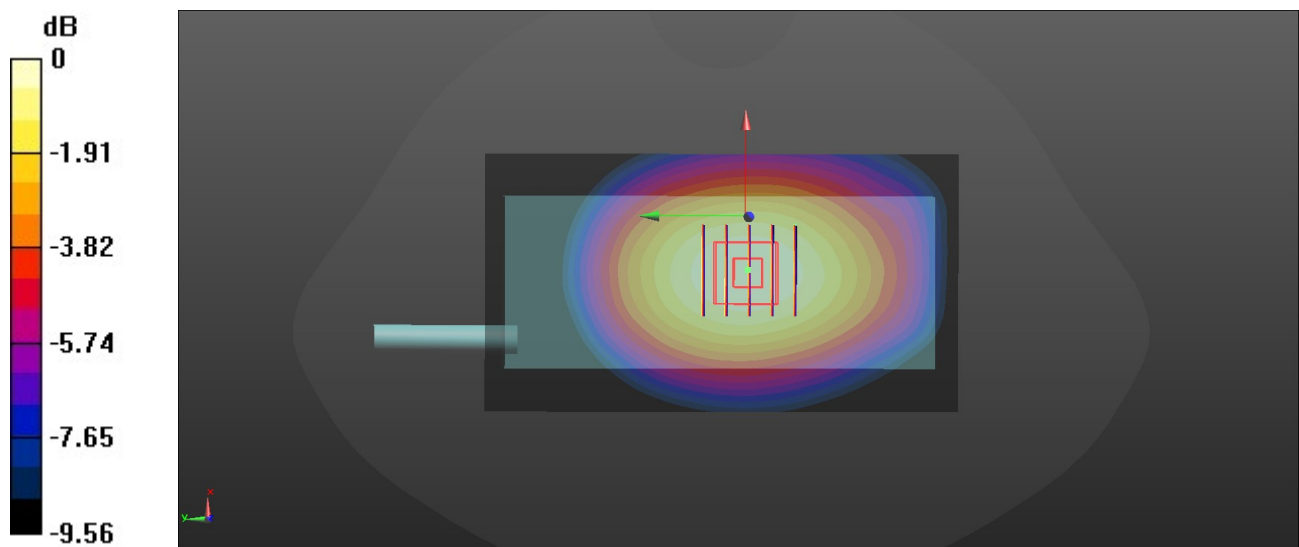
**Front/CH 251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.95 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.606 W/kg

**SAR(1 g) = 0.418 W/kg; SAR(10 g) = 0.298 W/kg**

Maximum value of SAR (measured) = 0.536 W/kg



0 dB = 0.536 W/kg = -2.71 dBW/kg

Test Laboratory: Huatongwei International Inspection Co., Ltd.,SAR Lab

Date: 11/16/2022

**GSM 1900-H-Body**

Communication System: UID 0, Generic GPRS(TDMA, GMSK, TN 0-1) (0); Frequency: 1909.8 MHz;Duty Cycle: 1:4.10015

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.42$  S/m;  $\epsilon_r = 39.12$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Ambient Temperature:22.4°C;Liquid Temperature:22.2°C;

DASY Configuration:

- Probe: EX3DV4 - SN7494; ConvF(8.45, 8.45, 8.45) @ 1909.8 MHz; Calibrated: 5/16/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1549; Calibrated: 4/12/2022
- Phantom: Twin-SAM V8.0 ; Type: QD 000 P41 AA; Serial: 1974
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

**Front/CH 810/Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.264 W/kg

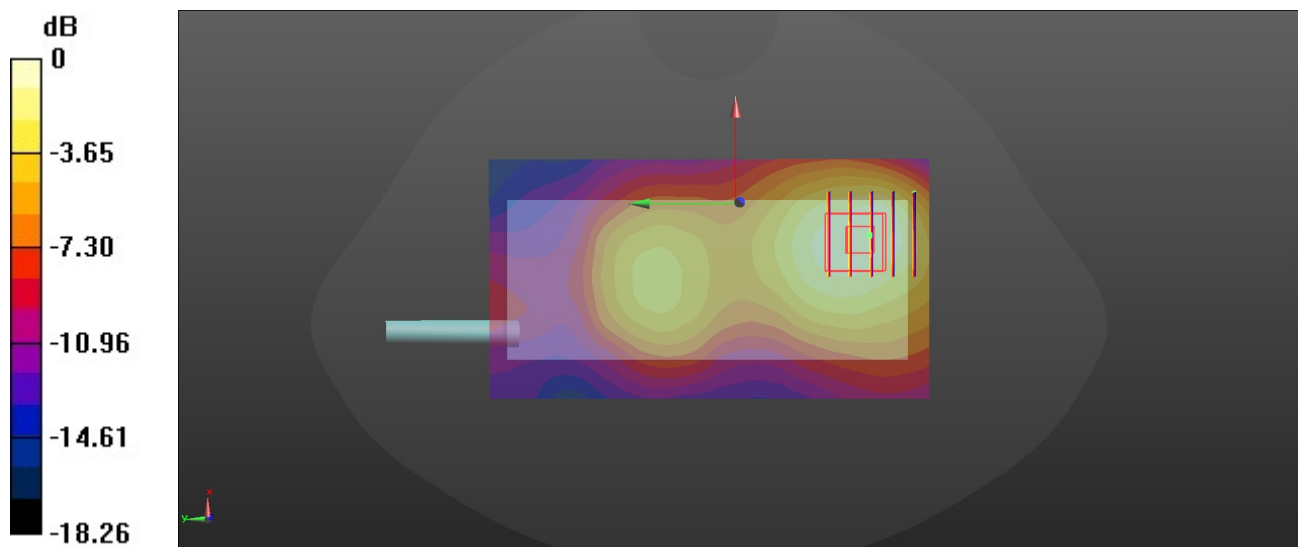
**Front/CH 810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.031 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.306 W/kg

**SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.104 W/kg**

Maximum value of SAR (measured) = 0.255 W/kg



0 dB = 0.255 W/kg = -5.93 dBW/kg