

14.2 SAR results for Standard procedure

There is zoom scan measurement to be added for the highest measured SAR in each exposure configuration/band.

Table 14.2-1: SAR Values (GSM 850 MHz Band - Head)

| Frequency | | Side | Test Position | Figure No./Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
|-----------|-------|-------|---------------|-----------------|-----------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------|
| Ch. | MHz | | | | | | | | | | |
| 190 | 836.6 | Right | Cheek | Fig.1 | 29.2 | 31 | 0.197 | 0.30 | 0.252 | 0.38 | -0.11 |

Note: the head SAR of GSM850 is tested with GPRS (3Txslots) mode because of VoIP.

Table 14.2-2: SAR Values (GSM 850 MHz Band - Body)

| Frequency | | Mode (number of timeslots) | Test Position | Figure No./Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
|-----------|-------|----------------------------|---------------|-----------------|-----------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------|
| Ch. | MHz | | | | | | | | | | |
| 251 | 848.8 | GPRS (3) | Rear | Fig.2 | 29.32 | 31 | 0.178 | 0.26 | 0.313 | 0.46 | -0.01 |

Note: The distance between the EUT and the phantom bottom is 10mm.

Table 14.2-3: SAR Values (GSM 1900 MHz Band - Head)

| Frequency | | Side | Test Position | Figure No./Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
|-----------|--------|------|---------------|-----------------|-----------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------|
| Ch. | MHz | | | | | | | | | | |
| 810 | 1909.8 | Left | Cheek | Fig.3 | 27.15 | 28 | 0.056 | 0.07 | 0.086 | 0.10 | 0.07 |

Note: the head SAR of GSM1900 is tested with GPRS (2Txslots) mode because of VoIP.

Table 14.2-4: SAR Values (GSM 1900 MHz Band - Body)

| Frequency | | Mode (number of timeslots) | Test Position | Figure No./Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
|-----------|--------|----------------------------|---------------|-----------------|-----------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------|
| Ch. | MHz | | | | | | | | | | |
| 810 | 1909.8 | GPRS (2) | Bottom | Fig.4 | 27.15 | 28 | 0.558 | 0.68 | 1.08 | 1.31 | 0.04 |

Note: The distance between the EUT and the phantom bottom is 10mm.

Table 14.2-5: SAR Values (WCDMA 850 MHz Band - Head)

| Frequency | | Side | Test Position | Figure No./N | Conducted Power | Max. tune-up | Measure d | Reported SAR(10g) | Measured SAR(1g) | Reporte d | Power Drift |
|-----------|-----|------|---------------|--------------|-----------------|--------------|-----------|-------------------|------------------|-----------|-------------|
| Ch. | MHz | | | | | | | | | | |

| | | | n | ote | (dBm) | Power (dBm) | SAR(10g) (W/kg) | (W/kg) | (W/kg) | SAR(1g) (W/kg) | (dB) |
|------|-------|-------|-------|-------|-------|----------------|---------------------|-------------|--------|--------------------|------|
| 4183 | 836.6 | Right | Cheek | Fig.5 | 24.07 | 24.5 | 0.189 | 0.21 | 0.243 | 0.27 | 0.09 |

Table 14.2-6: SAR Values (WCDMA 850 MHz Band - Body)

| Ambient Temperature: 22.9 °C | | | | | | Liquid Temperature: 22.5°C | | | | | |
|------------------------------|-------|------------------|------------------------|-----------------------------|-----------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------|--|
| Frequency | | Test Position | Figure No./ Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) | |
| Ch. | MHz | | | | | | | | | | |
| 4233 | 846.6 | Rear | Fig.6 | 24.29 | 24.5 | 0.202 | 0.21 | 0.362 | 0.38 | -0.08 | |

Note: The distance between the EUT and the phantom bottom is 10mm.

Table 14.2-7: SAR Values (WCDMA 1700 MHz Band - Head)

| Ambient Temperature: 22.9 °C | | | | | | Liquid Temperature: 22.5°C | | | | | |
|------------------------------|--------|-------|------------------|--------------------|------------------------------|-----------------------------------|--------------------------------|--------------------------------|-----------------------------------|-------------------------------|------------------------|
| Frequency | | Side | Test Position | Figure No./Note | Conducte d Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measure d SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
| Ch. | MHz | | | | | | | | | | |
| 1412 | 1732.4 | Right | Cheek | Fig.7 | 24.4 | 24.5 | 0.127 | 0.13 | 0.196 | 0.20 | 0.01 |

Table 14.2-8: SAR Values (WCDMA 1700 MHz Band - Body)

| Ambient Temperature: 22.9 °C | | | | | | Liquid Temperature: 22.5°C | | | | | |
|------------------------------|--------|------------------|------------------------|-----------------------------|-----------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------|--|
| Frequency | | Test Position | Figure No./ Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) | |
| Ch. | MHz | | | | | | | | | | |
| 1312 | 1712.4 | Bottom | Fig.8 | 22.27 | 22.5 | 0.56 | 0.59 | 1.05 | 1.11 | 0.07 | |

Note1: The distance between the EUT and the phantom bottom is 10mm.

Table 14.2-9: SAR Values (WCDMA 1900 MHz Band - Head)

| Ambient Temperature: 22.9 °C | | | | | | Liquid Temperature: 22.5°C | | | | | |
|------------------------------|--------|-------|------------------|-------------------------|-----------------------------|---------------------------------|-------------------------------------|---------------------------------|-----------------------------------|-----------------------------------|------------------------|
| Frequency | | Side | Test Position | Figur e No./ Note | Conducted Power (dBm) | Max. tune- up Power (dBm) | Measure d SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measure d SAR(1g) (W/kg) | Reporte d SAR(1g) (W/kg) | Power Drift (dB) |
| Ch. | MHz | | | | | | | | | | |
| 9538 | 1907.6 | Right | Cheek | Fig.9 | 23.36 | 24 | 0.138 | 0.16 | 0.217 | 0.25 | -0.03 |

Table 14.2-10: SAR Values (WCDMA 1900 MHz Band - Body)

| Ambient Temperature: 22.9 °C | | | | | | Liquid Temperature: 22.5°C | | | | | |
|------------------------------|------|------------------|------------------------|-----------------------------|-----------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------|--|
| Frequency | | Test Position | Figure No./ Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) | |
| Ch. | MHz | | | | | | | | | | |
| 9400 | 1880 | Bottom | Fig.10 | 21.42 | 21.5 | 0.652 | 0.66 | 1.26 | 1.28 | 0.09 | |

Note1: The distance between the EUT and the phantom bottom is 10mm.

Table 14.2-11: SAR Values (LTE Band7 - Head)

| Ambient Temperature: 22.9 °C | | | | | | Liquid Temperature: 22.5 °C | | | | | | |
|------------------------------|------|----------|-------|---------------|------------------|-----------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------|
| Frequency | | Mode | Side | Test Position | Figure No./ Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
| Ch. | MHz | | | | | | | | | | | |
| 20850 | 2510 | 50RB-Low | Right | Cheek | Fig.11 | 23.34 | 23.5 | 0.289 | 0.30 | 0.657 | 0.68 | 0.04 |

Note1: The LTE mode is QPSK_20MHz.

Table 14.2-12: SAR Values (LTE Band7 - Body)

| Ambient Temperature: 22.9 °C | | | | | | Liquid Temperature: 22.5 °C | | | | | |
|------------------------------|------|------|---------------|------------------|-----------------------|-----------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------|
| Frequency | | Mode | Test Position | Figure No./ Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
| Ch. | MHz | | | | | | | | | | |
| 20850 | 2510 | Rear | 50RB-Low | Fig.12 | 13.87 | 14.5 | 0.128 | 0.15 | 0.329 | 0.38 | 0.03 |

Note1: The distance between the EUT and the phantom bottom is 10mm.

Note3: The LTE mode is QPSK_20MHz.

Table 14.2-13: SAR Values (LTE Band7 - Body)

| Ambient Temperature: 22.9 °C | | | | | | Liquid Temperature: 22.5 °C | | | | | |
|------------------------------|------|-------|---------------|------------------|-----------------------|-----------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------|
| Frequency | | Mode | Test Position | Figure No./ Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
| Ch. | MHz | | | | | | | | | | |
| 21350 | 2560 | 100RB | Rear | Fig.13 | 17.12 | 18 | 0.428 | 0.52 | 0.938 | 1.15 | 0.06 |

Note1: The distance between the EUT and the phantom bottom is 15mm.

Table 14.2-14: SAR Values (LTE Band12 - Head)

| Ambient Temperature: 22.9 °C | | | | | | Liquid Temperature: 22.5 °C | | | | | | |
|------------------------------|-----|---------|-------|---------------|------------|-----------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------|
| Frequency | | Mode | Side | Test Position | Figure No. | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
| Ch. | MHz | | | | | | | | | | | |
| 23060 | 704 | 1RB-Low | Right | Cheek | Fig.14 | 23.04 | 24.5 | 0.099 | 0.14 | 0.126 | 0.18 | -0.19 |

Note1: The LTE mode is QPSK_10MHz.

Table 14.2-15: SAR Values (LTE Band12 - Body)

| Ambient Temperature: 22.9 °C | | | | | | Liquid Temperature: 22.5 °C | | | | | |
|------------------------------|-----|---------|---------------|------------|-----------------------|-----------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------|
| Frequency | | Mode | Test Position | Figure No. | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
| Ch. | MHz | | | | | | | | | | |
| 23060 | 704 | 1RB-Low | Rear | Fig.15 | 23.04 | 24.5 | 0.118 | 0.17 | 0.152 | 0.21 | 0.05 |

Note1: The distance between the EUT and the phantom bottom is 10mm.

Note2: The LTE mode is QPSK_10MHz.

Table 14.2-16: SAR Values (LTE Band13 - Head)

| Ambient Temperature: 22.9 °C | | | | | | Liquid Temperature: 22.5 °C | | | | | | |
|------------------------------|-----|----------|-------|---------------|------------|-----------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------|
| Frequency | | Mode | Side | Test Position | Figure No. | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
| Ch. | MHz | | | | | | | | | | | |
| 23230 | 782 | 1RB-High | Right | Cheek | Fig.16 | 23.06 | 24.5 | 0.125 | 0.17 | 0.16 | 0.22 | 0.05 |

Note1: The LTE mode is QPSK_10MHz.

Table 14.2-17: SAR Values (LTE Band13 - Body)

| Ambient Temperature: 22.9 °C | | | | | | Liquid Temperature: 22.5 °C | | | | | |
|------------------------------|-----|----------|---------------|------------|-----------------------|-----------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------|
| Frequency | | Mode | Test Position | Figure No. | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
| Ch. | MHz | | | | | | | | | | |
| 23230 | 782 | 1RB-High | Rear | Fig.17 | 23.06 | 24.5 | 0.139 | 0.19 | 0.179 | 0.25 | -0.03 |

Note1: The distance between the EUT and the phantom bottom is 10mm.

Note2: The LTE mode is QPSK_10MHz.

Table 14.2-18: SAR Values (LTE Band25 - Head)

| Ambient Temperature: 22.9 °C | | | | | | Liquid Temperature: 22.5 °C | | | | | | |
|------------------------------|--------|---------|------|---------------|------------|-----------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------|
| Frequency | | Mode | Side | Test Position | Figure No. | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
| Ch. | MHz | | | | | | | | | | | |
| 26365 | 1882.5 | 1RB-Low | Left | Tilt | Fig.18 | 24.06 | 24.5 | 0.091 | 0.10 | 0.141 | 0.16 | 0.04 |

Note1: The LTE mode is QPSK_20MHz.

Table 14.2-19: SAR Values (LTE Band25 - Body)

| Ambient Temperature: 22.9 °C | | | | | | Liquid Temperature: 22.5 °C | | | | | |
|------------------------------|--------|---------|---------------|------------|-----------------------|-----------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------|
| Frequency | | Mode | Test Position | Figure No. | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
| Ch. | MHz | | | | | | | | | | |
| 26365 | 1882.5 | 1RB-Low | Bottom | Fig.19 | 20.94 | 21.5 | 0.615 | 0.70 | 1.18 | 1.34 | -0.02 |

Note1: The distance between the EUT and the phantom bottom is 10mm

Table 14.2-20: SAR Values (LTE Band26 - Head)

| Ambient Temperature: 22.9 °C | | | | | | Liquid Temperature: 22.5 °C | | | | | | |
|------------------------------|-------|----------|-------|---------------|------------|-----------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------|
| Frequency | | Mode | Side | Test Position | Figure No. | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
| Ch. | MHz | | | | | | | | | | | |
| 26865 | 831.5 | 1RB-High | Right | Cheek | Fig.20 | 23.26 | 24.5 | 0.165 | 0.22 | 0.214 | 0.28 | 0.01 |

Note1: The LTE mode is QPSK_15MHz.

Table 14.2-21: SAR Values (LTE Band26 - Body)

| Ambient Temperature: 22.9 °C | | | | | | Liquid Temperature: 22.5 °C | | | | | |
|------------------------------|-------|----------|---------------|------------|-----------------------|-----------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------|
| Frequency | | Mode | Test Position | Figure No. | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
| Ch. | MHz | | | | | | | | | | |
| 26865 | 831.5 | 1RB-High | Rear | Fig.21 | 23.26 | 24.5 | 0.138 | 0.18 | 0.239 | 0.32 | -0.01 |

Note1: The distance between the EUT and the phantom bottom is 10mm.

Note2: The LTE mode is QPSK_15MHz.

Table 14.2-22: SAR Values (LTE Band41- Head)

| Ambient Temperature: 22.9 °C | | | | | | Liquid Temperature: 22.5 °C | | | | | | |
|------------------------------|------|---------|-------|---------------|------------|-----------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------|
| Frequency | | Mode | Side | Test Position | Figure No. | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
| Ch. | MHz | | | | | | | | | | | |
| 40470 | 2578 | 1RB-Mid | Right | Cheek | Fig.22 | 24.37 | 24.5 | 0.236 | 0.24 | 0.543 | 0.56 | 0.05 |

Note1: The LTE mode is QPSK_20MHz.

Table 14.2-23: SAR Values (LTE Band41- Body)

| Ambient Temperature: 22.9 °C | | | | | | Liquid Temperature: 22.5 °C | | | | | |
|------------------------------|------|---------|---------------|------------|-----------------------|-----------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------|
| Frequency | | Mode | Test Position | Figure No. | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
| Ch. | MHz | | | | | | | | | | |
| 40800 | 2611 | 1RB-Low | Rear | Fig.23 | 15.72 | 16.5 | 0.347 | 0.42 | 0.869 | 1.04 | 0.05 |

Note1: The distance between the EUT and the phantom bottom is 10mm.

Note2: The LTE mode is QPSK_20MHz.

Table 14.2-24: SAR Values (LTE Band41 - Body)

| Ambient Temperature: 22.9 °C | | | | | | Liquid Temperature: 22.5°C | | | | | |
|------------------------------|------|-------|---------------|------------|-----------------------|----------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------|
| Frequency | | Mode | Test Position | Figure No. | Conducted Power (dBm) | tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
| Ch. | MHz | | | | | | | | | | |
| 40140 | 2545 | 100RB | Rear | Fig.24 | 18.56 | 19 | 0.300 | 0.33 | 0.662 | 0.73 | 0.03 |

Note1: The distance between the EUT and the phantom bottom is 15mm.

Note2: The LTE mode is QPSK_20MHz.

Table 14.2-25: SAR Values (LTE Band66 - Head)

| Ambient Temperature: 22.9 °C | | | | | | Liquid Temperature: 22.5°C | | | | | | |
|------------------------------|------|----------|------|---------------|------------|----------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------|
| Frequency | | Mode | Side | Test Position | Figure No. | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
| Ch. | MHz | | | | | | | | | | | |
| 132572 | 1770 | 1RB-High | Left | Cheek | Fig.25 | 24.52 | 25 | 0.186 | 0.21 | 0.281 | 0.31 | 0.08 |

Note1: The LTE mode is QPSK_20MHz.

Table 14.2-26: SAR Values (LTE Band66 - Body)

| Ambient Temperature: 22.9 °C | | | | | | Liquid Temperature: 22.5°C | | | | | |
|------------------------------|------|----------|---------------|------------|-----------------------|----------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------|
| Frequency | | Mode | Test Position | Figure No. | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
| Ch. | MHz | | | | | | | | | | |
| 132072 | 1720 | 1RB-High | Bottom | Fig.26 | 22.63 | 23 | 0.567 | 0.62 | 1.06 | 1.15 | 0.19 |

Note1: The distance between the EUT and the phantom bottom is 10mm

Note2: The LTE mode is QPSK_20MHz.

Table 14.2-27: SAR Values (LTE Band71 - Head)

| Ambient Temperature: 22.9 °C | | | | | | Liquid Temperature: 22.5°C | | | | | | |
|------------------------------|-----|---------|-------|---------------|------------|----------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------|
| Frequency | | Mode | Side | Test Position | Figure No. | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
| Ch. | MHz | | | | | | | | | | | |
| 133222 | 673 | 1RB-Mid | Right | Cheek | Fig.27 | 22.78 | 23.7 | 0.098 | 0.12 | 0.123 | 0.15 | 0.11 |

Note1: The LTE mode is QPSK_20MHz.

Table 14.2-42: SAR Values (LTE Band71 - Body)

| Frequency | | Mode | Test Position | Figure No. | Conduct ed Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
|------------------------------|-----|-----------------------------|---------------|------------|------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------|
| Ch. | MHz | | | | | | | | | | |
| Ambient Temperature: 22.9 °C | | Liquid Temperature: 22.5 °C | | | | | | | | | |
| 133222 | 673 | 1RB-Mid | Rear | Fig.28 | 22.78 | 23.7 | 0.152 | 0.19 | 0.195 | 0.24 | -0.14 |

Note1: The distance between the EUT and the phantom bottom is 10mm.

Note2: The LTE mode is QPSK_20MHz.

14.3 WLAN Evaluation for 2.4G

According to the KDB248227 D01, SAR is measured for 2.4GHz 802.11b DSSS using the initial test position procedure.

Normal Power

Head Evaluation- Normal Power

Table 14.3-1: SAR Values (WLAN - Head)– 802.11b (Fast SAR)

| Frequency | | Side | Test Position | Figure No./ Note | Ambient Temperature: 22.9 °C | | Liquid Temperature: 22.5°C | | Measured SAR(1g) (W/kg) | Reported SAR(1g)(W/kg) | Power Drift (dB) |
|-----------|-----|-------|---------------|------------------|------------------------------|--------------------------|----------------------------|--------------------------|-------------------------|-------------------------|------------------|
| MHz | Ch. | | | | Conducte d Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | | | |
| 2412 | 1 | Left | Cheek | / | 18.24 | 18.5 | 0.154 | 0.16 | 0.274 | 0.29 | 0.06 |
| 2412 | 1 | Left | Tilt | / | 18.24 | 18.5 | 0.185 | 0.20 | 0.374 | 0.40 | 0.09 |
| 2412 | 1 | Right | Cheek | / | 18.24 | 18.5 | 0.372 | 0.39 | 0.747 | 0.79 | -0.06 |
| 2412 | 1 | Right | Tilt | / | 18.24 | 18.5 | 0.293 | 0.31 | 0.61 | 0.65 | 0.11 |
| 2437 | 6 | Right | Cheek | / | 18.12 | 18.5 | 0.539 | 0.59 | 0.994 | 1.08 | 0.06 |
| 2437 | 6 | Right | Cheek | B2 | 18.12 | 18.5 | 0.521 | 0.57 | 0.981 | 1.07 | 0.05 |

As shown above table, the initial test position for head is “Right Touch”. So the head SAR of WLAN is presented as below:

Table 14.3-2: SAR Values (WLAN - Head)– 802.11b (Full SAR)

| Frequency | | Side | Test Position | Figure No./ Note | Ambient Temperature: 22.9 °C | | Liquid Temperature: 22.5°C | | Measured SAR(1g) (W/kg) | Reported SAR(1g)(W/kg) | Power Drift (dB) |
|-----------|-----|-------|---------------|------------------|------------------------------|--------------------------|----------------------------|--------------------------|-------------------------|-------------------------|------------------|
| MHz | Ch. | | | | Conducte d Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | | | |
| 2412 | 1 | Right | Cheek | / | 18.24 | 18.5 | 0.354 | 0.38 | 0.705 | 0.75 | -0.06 |
| 2437 | 6 | Right | Cheek | Fig.29 | 18.12 | 18.5 | 0.553 | 0.60 | 1.11 | 1.21 | 0.09 |
| 2462 | 11 | Right | Cheek | / | 18.01 | 18.5 | 0.389 | 0.44 | 0.792 | 0.89 | -0.15 |
| 2412 | 1 | Right | Tilt | / | 18.24 | 18.5 | 0.301 | 0.32 | 0.643 | 0.68 | 0.00 |

Note1: When the reported SAR of the initial test position is > 0.4 W/kg, SAR is repeated for the 802.11 transmission mode configuration tested in the initial test position using subsequent highest estimated 1-g SAR conditions determined by area scans, on the highest maximum output power channel, until the reported SAR is ≤ 0.8 W/kg.

Note2: For all positions/configurations tested using the initial test position and subsequent test positions, when the reported SAR is > 0.8 W/kg, SAR is measured for these test positions/configurations on the subsequent next highest measured output power channel until the reported SAR is ≤ 1.2 W/kg or all required channels are tested.

According to the KDB248227 D01, The reported SAR must be scaled to 100% transmission duty factor to determine compliance at the maximum tune-up tolerance limit. The scaled reported SAR is presented as below.

Table 14.3-3: SAR Values (WLAN - Head) – 802.11b (Scaled Reported SAR)

| Frequency | | Side | Test Position | Actual duty factor | maximum duty factor | Reported SAR (1g)(W/kg) | Scaled reported SAR (1g)(W/kg) |
|-----------|-----|-------|---------------|--------------------|---------------------|-------------------------|--------------------------------|
| MHz | Ch. | | | | | | |
| 2437 | 6 | Right | Cheek | 98.73% | 100% | 1.21 | 1.23 |

SAR is not required for OFDM because the 802.11b adjusted SAR ≤ 1.2 W/kg.

Head Evaluation- Low Power
Table 14.3-4: SAR Values (WLAN - Head)– 802.11b (Fast SAR)

| Frequency | | Side | Test Position | Figure No./ Note | Conducte d Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g)(W/kg) | Power Drift (dB) |
|-----------|-----|-------|---------------|------------------|------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------|
| MHz | Ch. | | | | | | | | | | |
| 2412 | 1 | Left | Cheek | / | 15.09 | 16 | 0.063 | 0.08 | 0.112 | 0.14 | -0.11 |
| 2412 | 1 | Left | Tilt | / | 15.09 | 16 | 0.075 | 0.09 | 0.153 | 0.19 | 0.14 |
| 2412 | 1 | Right | Cheek | / | 15.09 | 16 | 0.151 | 0.19 | 0.306 | 0.38 | 0.1 |
| 2412 | 1 | Right | Tilt | / | 15.09 | 16 | 0.119 | 0.15 | 0.25 | 0.31 | -0.08 |
| 2412 | 1 | Right | Cheek | B2 | 15.09 | 16 | 0.142 | 0.18 | 0.294 | 0.36 | -0.02 |

As shown above table, the initial test position for head is “Right Touch”. So the head SAR of WLAN is presented as below:

Table 14.3-5: SAR Values (WLAN - Head)– 802.11b (Full SAR)

| Frequency | | Side | Test Position | Figure No./ Note | Conducte d Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g)(W/kg) | Power Drift (dB) |
|-----------|-----|-------|---------------|------------------|------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------|
| MHz | Ch. | | | | | | | | | | |
| 2412 | 1 | Right | Cheek | Fig.30 | 15.09 | 16 | 0.151 | 0.19 | 0.3 | 0.37 | 0.01 |

Note1: When the reported SAR of the initial test position is > 0.4 W/kg, SAR is repeated for the 802.11 transmission mode configuration tested in the initial test position using subsequent highest estimated 1-g SAR conditions determined by area scans, on the highest maximum output power channel, until the reported SAR is ≤ 0.8 W/kg.

Note2: For all positions/configurations tested using the initial test position and subsequent test positions, when the reported SAR is > 0.8 W/kg, SAR is measured for these test positions/configurations on the subsequent next highest measured output power channel until the reported SAR is ≤ 1.2 W/kg or all required channels are tested.

According to the KDB248227 D01, The reported SAR must be scaled to 100% transmission duty factor to determine compliance at the maximum tune-up tolerance limit. The scaled reported SAR is presented as below.

Table 14.3-3: SAR Values (WLAN - Head) – 802.11b (Scaled Reported SAR)

| Frequency | | Side | Test Position | Actual duty factor | maximum duty factor | Reported SAR (1g)(W/kg) | Scaled reported SAR (1g)(W/kg) |
|-----------|-----|-------|---------------|--------------------|---------------------|-------------------------|--------------------------------|
| MHz | Ch. | | | | | | |
| 2412 | 1 | Right | Cheek | 99.05% | 100% | 0.37 | 0.37 |

SAR is not required for OFDM because the 802.11b adjusted SAR ≤ 1.2 W/kg.

Body Evaluation- Normal Power
Table 14.3-4: SAR Values (WLAN - Body)– 802.11b (Fast SAR)

| Frequency | | Test Position | Figure No./ Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g)(W/kg) | Power Drift (dB) |
|-----------|-----|---------------|------------------|-----------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------|
| MHz | Ch. | | | | | | | | | |
| 2412 | 1 | Front | / | 18.24 | 18.5 | 0.118 | 0.13 | 0.217 | 0.23 | -0.08 |
| 2412 | 1 | Rear | / | 18.24 | 18.5 | 0.16 | 0.17 | 0.324 | 0.34 | 0.03 |
| 2412 | 1 | Left | / | 18.24 | 18.5 | 0.145 | 0.15 | 0.284 | 0.30 | -0.03 |
| 2412 | 1 | Top | / | 18.24 | 18.5 | 0.107 | 0.11 | 0.199 | 0.21 | 0.09 |

As shown above table, the initial test position for body is “Rear”. So the body SAR of WLAN is presented as below:

Table 14.3-5: SAR Values (WLAN - Body)– 802.11b (Full SAR)

| Frequency | | Test Position | Figure No./ Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g)(W/kg) | Power Drift (dB) |
|-----------|-----|---------------|------------------|-----------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------|
| MHz | Ch. | | | | | | | | | |
| 2412 | 1 | Rear | Fig.31 | 18.24 | 18.5 | 0.147 | 0.16 | 0.309 | 0.33 | 0.03 |

Note1: When the reported SAR of the initial test position is > 0.4 W/kg, SAR is repeated for the 802.11 transmission mode configuration tested in the initial test position using subsequent highest estimated 1-g SAR conditions determined by area scans, on the highest maximum output power channel, until the reported SAR is ≤ 0.8 W/kg.

Note2: For all positions/configurations tested using the initial test position and subsequent test positions, when the reported SAR is > 0.8 W/kg, SAR is measured for these test positions/configurations on the subsequent next highest measured output power channel until the reported SAR is ≤ 1.2 W/kg or all required channels are tested.

According to the KDB248227 D01, The reported SAR must be scaled to 100% transmission duty factor to determine compliance at the maximum tune-up tolerance limit. The scaled reported SAR is presented as below.

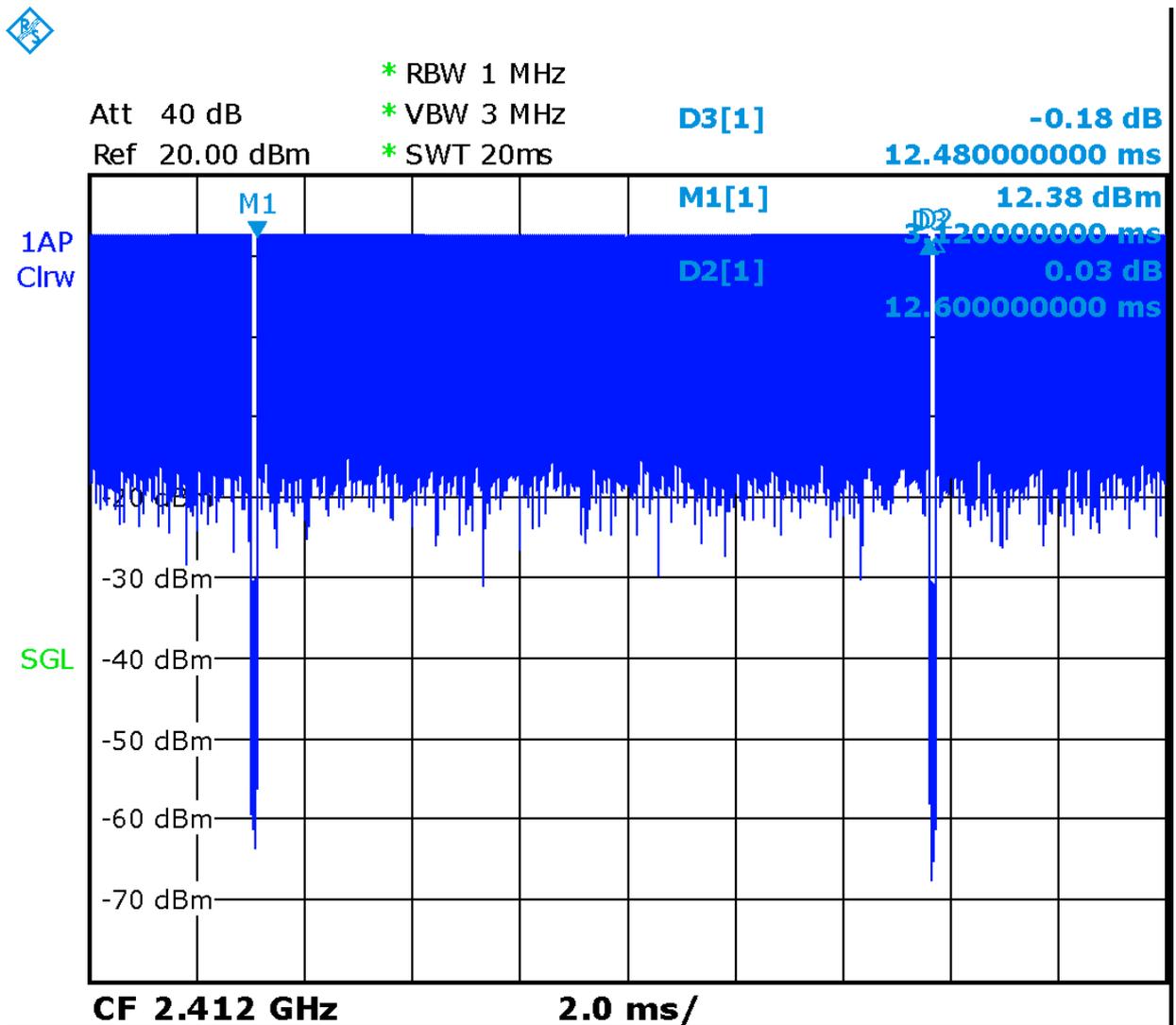
Table 14.3-6: SAR Values (WLAN - Body) – 802.11b (Scaled Reported SAR)

| Frequency | | Test Position | Actual duty factor | maximum duty factor | Reported SAR (1g)(W/kg) | Scaled reported SAR (1g)(W/kg) |
|-----------|-----|---------------|--------------------|---------------------|-------------------------|--------------------------------|
| MHz | Ch. | | | | | |
| 2412 | 1 | Rear | 99.05% | 100% | 0.33 | 0.33 |

SAR is not required for OFDM because the 802.11b adjusted SAR ≤ 1.2 W/kg.

Table 14.3-7: SAR Values (WLAN - Body)– 802.11b (Full SAR)

| Frequency | | Test Position | Figure No./ Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
|-----------|-----|---------------|------------------|-----------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------|
| MHz | Ch. | | | | | | | | | |
| 2412 | | Rear | 10mm | 18.24 | 18.5 | 0.147 | 0.16 | 0.309 | 0.33 | 0.03 |
| 2412 | | Rear | 15mm | 18.24 | 18.5 | 0.065 | 0.07 | 0.129 | 0.14 | 0.01 |



Picture 14.1 Duty factor plot for head

14.4 WLAN Evaluation For 5G

Table 14.4-1: OFDM mode specified maximum output power of WLAN antenna

| 802.11 mode | a | g | n | | ac | | | |
|--------------------|----|----|----|----|----|----|----|-----|
| Ch. BW(MHz) | 20 | 20 | 20 | 40 | 20 | 40 | 80 | 160 |
| U-NII-1 | X | | X | X | X | X | X | |
| U-NII-2A | X | | X | X | X | X | X | |
| U-NII-2C | X | | X | X | X | X | X | |
| U-NII-3 | X | | X | X | X | X | X | |
| § 15.247 (5.8 GHz) | | | | | | | | |

X: maximum(conducted) output power(mW), including tolerance, specified for production units

Table 14.4-2(1): Maximum output power specified of WLAN antenna for Normal Power-Head

| 802.11 mode | a | g | n | | ac | | | |
|--------------------|----|----|----|----|----|----|----|-----|
| Ch. BW(MHz) | 20 | 20 | 20 | 40 | 20 | 40 | 80 | 160 |
| U-NII-1 | 20 | | 18 | 18 | 18 | 18 | 10 | |
| U-NII-2A | 20 | | 18 | 18 | 18 | 18 | 10 | |
| U-NII-2C | 22 | | 18 | 18 | 18 | 18 | 10 | |
| U-NII-3 | 25 | | 18 | 18 | 18 | 18 | 10 | |
| § 15.247 (5.8 GHz) | | | | | | | | |

- The maximum output power specified for production units is the same for all channels, modulations and data rates in each channel bandwidth configuration of the 802.11a/g/n/ac modes.
- The **blue highlighted** cells represent highest output configurations in each standalone or aggregated frequency band, with tune-up tolerance included.

Table 14.4-2(2)Maximum output power specified of WLAN antenna for Low Power-Head

| 802.11 mode | a | g | n | | ac | | | |
|--------------------|----|----|----|----|----|----|----|-----|
| Ch. BW(MHz) | 20 | 20 | 20 | 40 | 20 | 40 | 80 | 160 |
| U-NII-1 | 14 | | 13 | 13 | 13 | 13 | 10 | |
| U-NII-2A | 14 | | 13 | 13 | 13 | 13 | 10 | |
| U-NII-2C | 13 | | 11 | 11 | 11 | 11 | 10 | |
| U-NII-3 | 16 | | 13 | 13 | 13 | 13 | 10 | |
| § 15.247 (5.8 GHz) | | | | | | | | |

- The maximum output power specified for production units is the same for all channels, modulations and data rates in each channel bandwidth configuration of the 802.11a/g/n/ac modes.
- The **blue highlighted** cells represent highest output configurations in each standalone or aggregated frequency band, with tune-up tolerance included.

Table 14.4-3(1): Maximum output power specified of WLAN antenna for Normal Power-Body

| 802.11 mode | a | g | n | | ac | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|----|----|----|----|----|-----|
| Ch. BW(MHz) | 20 | 20 | 20 | 40 | 20 | 40 | 80 | 160 |
| U-NII-1 | 50 | | 45 | 32 | 40 | 32 | 32 | |
| U-NII-2A | 45 | | 40 | 32 | 40 | 32 | 32 | |
| U-NII-2C | 50 | | 40 | 32 | 40 | 32 | 32 | |
| U-NII-3 | 63 | | 40 | 32 | 40 | 32 | 32 | |
| § 15.247 (5.8 /GHz) | | | | | | | | |
| <ul style="list-style-type: none"> The maximum output power specified for production units is the same for all channels, modulations and data rates in each channel bandwidth configuration of the 802.11a/g/n/ac modes. The blue highlighted cells represent highest output configurations in each standalone or aggregated frequency band, with tune-up tolerance included. | | | | | | | | |

Table 14.4-3(2): Maximum output power specified of WLAN antenna for Low Power-Body

| 802.11 mode | a | g | n | | ac | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|----|----|----|----|----|-----|
| Ch. BW(MHz) | 20 | 20 | 20 | 40 | 20 | 40 | 80 | 160 |
| U-NII-1 | 32 | | 28 | 28 | 25 | 25 | 25 | |
| U-NII-2A | 32 | | 28 | 28 | 25 | 25 | 25 | |
| U-NII-2C | 40 | | 28 | 28 | 25 | 25 | 25 | |
| U-NII-3 | 40 | | 28 | 28 | 25 | 25 | 25 | |
| § 15.247 (5.8 /GHz) | | | | | | | | |
| <ul style="list-style-type: none"> The maximum output power specified for production units is the same for all channels, modulations and data rates in each channel bandwidth configuration of the 802.11a/g/n/ac modes. The blue highlighted cells represent highest output configurations in each standalone or aggregated frequency band, with tune-up tolerance included. | | | | | | | | |

Table 14.4-4: Maximum output power measured of WLAN antenna, for the applicable OFDM configurations according to the default power measurement procedures for selection initial test configurations – Head Normal Power

| 802.11 mode | a | n | | ac | | |
|-------------|------------------------------------------------------------------|---------------------------------------------|----------------------------|--------------------------------------------|----------------------------|--------------------|
| BW(MHz) | 20 | 20 | 40 | 20 | 40 | 80 |
| U-NII-1 | 36/40/44/48 17/18/19/18 | 36/40/44/48 Lower power | 38/46 Lower power | 36/40/44/48 Lower power | 38/46 Lower power | 42 Lower power |
| U-NII-2A | 52/56/60/64 17/16/16/14 | 52/56/60/64 Lower power | 54/62 Lower power | 52/56/60/64 Lower power | 54/62 Lower power | 58 Lower power |
| U-NII-2C | 100/104/108/112 16/17/18/17 116/120/124/128 16/16/15/16 | 100/104/108/112 2 116/132/136/14 0 | 102/110/134 Lower power | 100/104/108 /112 116/132/136 /140 | 102/110/134 Lower power | 106 Lower power |

| | | | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|----------------------------------------|------------------------|----------------------------------------|------------------------|--------------------|
| | 132/136/140/ 144 15/17/19/20 | Lower power | | Lower power | | |
| U-NII-3 | 149/153/ 157 /161/165 20/23/23/23/22 | 149/153/157/16 1/165 Lower power | 151/159 Lower power | 149/153/157 /161/165 Lower power | 151/159 Lower power | 155 Lower power |
| <ul style="list-style-type: none"> The bold numbers is the maximum output measured power (mW). Channels with measured maximum power within 0.25dB are considered to have the same measured output. Channels selected for initial test configuration are highlighted in yellow. | | | | | | |

Table 14.4-5: Maximum output power measured of WLAN antenna, for the applicable OFDM configurations according to the default power measurement procedures for selection initial test configurations –Head Low power

| 802.11 mode | a | n | | ac | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|-----------------------------------------------------------|----------------------------|--------------------|
| BW(MHz) | 20 | 20 | 40 | 20 | 40 | 80 |
| U-NII-1 | 36/40/ 44 /48 11/12/13/13 | 36/40/44/48 Lower power | 38/46 Lower power | 36/40/44/48 Lower power | 38/46 Lower power | 42 Lower power |
| U-NII-2A | 52 /56/60/64 12/11/10/9 | 52/56/60/64 Lower power | 54/62 Lower power | 52/56/60/64 Lower power | 54/62 Lower power | 58 Lower power |
| U-NII-2C | 100/104/ 108 /112 11/11/12/11 116/120/124/128 11/10/10/10 132/136/140/144 10/11/11/12 | 100/104/108/11 2 116/132/136/14 0 Lower power | 102/110/134 Lower power | 100/104/108 /112 116/132/136 /140 Lower power | 102/110/134 Lower power | 106 Lower power |
| U-NII-3 | 149/153/ 157 /161/165 13/15/15/14/14 | 149/153/157/16 1/165 Lower power | 151/159 Lower power | 149/153/157 /161/165 Lower power | 151/159 Lower power | 155 Lower power |
| <ul style="list-style-type: none"> The bold numbers is the maximum output measured power (mW). Channels with measured maximum power within 0.25dB are considered to have the same measured output. Channels selected for initial test configuration are highlighted in yellow. | | | | | | |

Table 14.4-6 Maximum output power measured of WLAN antenna, for the applicable OFDM configurations according to the default power measurement procedures for selection initial test configurations – Body Normal Power

| 802.11 mode | a | n | | ac | | |
|-------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------|-----------------------------------------------------------|----------------------------|--------------------|
| BW(MHz) | 20 | 20 | 40 | 20 | 40 | 80 |
| U-NII-1 | 36/40/44/48 42/44/46/44 | 36/40/44/48 Lower power | 38/46 Lower power | 36/40/44/48 Lower power | 38/46 Lower power | 42 Lower power |
| U-NII-2A | 52/56/60/64 40/37/35/29 | 52/56/60/64 Lower power | 54/62 Lower power | 52/56/60/64 Lower power | 54/62 Lower power | 58 Lower power |
| U-NII-2C | 100/104/108/112 37/39/39/38 116/120/124/128 36/38/38/39 132/136/140/144 39/44/43/46 | 100/104/108/11 2 116/132/136/14 0 Lower power | 102/110/134 Lower power | 100/104/108 /112 116/132/136 /140 Lower power | 102/110/134 Lower power | 106 Lower power |
| U-NII-3 | 149/153/157/161/165 44/52/57/53/56 | 149/153/157/16 1/165 Lower power | 151/159 Lower power | 149/153/157 /161/165 Lower power | 151/159 Lower power | 155 Lower power |

- The **bold numbers** is the maximum output measured power (mW).
- Channels with measured maximum power within 0.25dB are considered to have the same measured output. Channels selected for initial test configuration are **highlighted in yellow**.

Table 14.4-7: Maximum output power measured of WLAN antenna, for the applicable OFDM configurations according to the default power measurement procedures for selection initial test configurations –Body Low power

| 802.11 mode | a | | n | | ac | | |
|-------------|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------|---------------------------------------------------|----------------------------|--------------------|--|
| | 20 | 20 | 40 | 20 | 40 | 80 | |
| U-NII-1 | 36/40/44/48 27/29/29/28 | 36/40/44/48 Lower power | 38/46 Lower power | 36/40/44/48 Lower power | 38/46 Lower power | 42 Lower power | |
| U-NII-2A | 52/56/60/64 28/26/25/22 | 52/56/60/64 Lower power | 54/62 Lower power | 52/56/60/64 Lower power | 54/62 Lower power | 58 Lower power | |
| U-NII-2C | 100/104/108/112 26/27/28/27 116/120/124/128 26/26/26/26 132/136/140/144 26/28/31/33 | 100/104/108/112 2 116/132/136/140 0 Lower power | 102/110/134 Lower power | 100/104/108/112 116/132/136/140 Lower power | 102/110/134 Lower power | 106 Lower power | |
| U-NII-3 | 149/153/157/161/165 33/37/37/37/36 | 149/153/157/161/165 Lower power | 151/159 Lower power | 149/153/157/161/165 Lower power | 151/159 Lower power | 155 Lower power | |

- The **bold numbers** is the maximum output measured power (mW).
- Channels with measured maximum power within 0.25dB are considered to have the same measured output. Channels selected for initial test configuration are highlighted in yellow.

Table 14.4-8: Reported SAR of initial test configuration for Normal Power Head

| 802.11 mode | a | | n | | ac | | |
|-------------|---------------------------------------------------------|---------------------------------|---------------------|---------------------------------|-------------|-----|--|
| | 20 | 20 | 40 | 20 | 40 | 80 | |
| U-NII-1 | 36/40/44/48 UNII-2A exclusion applied | 36/40/44/48 | 38/46 | 36/40/44/48 | 38/46 | 42 | |
| U-NII-2A | 52/56/60/64 0.75 | 52/56/60/64 | 54/62 | 52/56/60/64 | 54/62 | 58 | |
| U-NII-2C | 100/104/108/112/116/120/124/128/132/136/140/144 0.70 | 100/104/108/112/116/132/136/140 | 102/110/118/126/134 | 100/104/108/112/116/132/136/140 | 102/110/134 | 106 | |
| U-NII-3 | 149/153/157/161/165 0.66 | 149/153/157/161/165 | 151/159 | 149/153/157/161/165 | 151/159 | 155 | |

Highest measured output power channel tested initially are in yellow highlight.

The tune up of UNII-1 is less than UNII-2A. SAR is measured for UNII-2A band first. Adjusted SAR of UNII-2A band is ≤ 1.2 W/kg. SAR is not required for UNII-1 band.

Table 14.4-9: Reported SAR of initial test configuration for Low Power Head

| 802.11 mode | a | n | | ac | | |
|-------------|-------------------------------------------------------------|------------------------------------|-------------------------|------------------------------------|-----------------|-----|
| BW(MHz) | 20 | 20 | 40 | 20 | 40 | 80 |
| U-NII-1 | 36/40/44/48 UNII-2A exclusion applied | 36/40/44/48 | 38/46 | 36/40/44/48 | 38/46 | 42 |
| U-NII-2A | 52/56/60/64 0.37 | 52/56/60/64 | 54/62 | 52/56/60/64 | 54/62 | 58 |
| U-NII-2C | 100/104/108/112/116/120/124 /128/132/136/140/144 0.28 | 100/104/108/112 116/132/136/140 | 102/110/118/ 126/134 | 100/104/108/112 116/132/136/140 | 102/110 /134 | 106 |
| U-NII-3 | 149/153/157/161/165 0.41 | 149/153/157/161/ 165 | 151/159 | 149/153/157/161 /165 | 151/159 | 155 |

Highest measured output power channel tested initially are in yellow highlight.

The tune up of UNII-1 is less than UNII-2A. SAR is measured for UNII-2A band first. Adjusted SAR of UNII-2A band is ≤ 1.2 W/kg. SAR is not required for UNII-1 band.

Table 14.4-10: Reported SAR of initial test configuration for Normal Power Body

| 802.11 mode | a | n | | ac | | |
|-------------|-------------------------------------------------------------|------------------------------------|-------------------------|------------------------------------|-----------------|-----|
| BW(MHz) | 20 | 20 | 40 | 20 | 40 | 80 |
| U-NII-1 | 36/40/44/48 0.88 | 36/40/44/48 | 38/46 | 36/40/44/48 | 38/46 | 42 |
| U-NII-2A | 52/56/60/64 0.78 | 52/56/60/64 | 54/62 | 52/56/60/64 | 54/62 | 58 |
| U-NII-2C | 100/104/108/112/116/120/124 /128/132/136/140/144 0.66 | 100/104/108/112 116/132/136/140 | 102/110/118/ 126/134 | 100/104/108/112 116/132/136/140 | 102/110 /134 | 106 |
| U-NII-3 | 149/153/157/161/165 0.75 | 149/153/157/161/ 165 | 151/159 | 149/153/157/161 /165 | 151/159 | 155 |

Highest measured output power channel tested initially are in yellow highlight.

The tune up of UNII-1 is less than UNII-2A. SAR is measured for UNII-2A band first. Adjusted SAR of UNII-2A band is ≤ 1.2 W/kg. SAR is not required for UNII-1 band.

Table 14.4-11: Reported SAR of initial test configuration for Low Power Body

| 802.11 mode | a | n | | ac | | |
|-------------|-------------------------------------------------------------|------------------------------------|-------------------------|------------------------------------|-----------------|-----|
| BW(MHz) | 20 | 20 | 40 | 20 | 40 | 80 |
| U-NII-1 | 36/40/44/48 UNII-2A exclusion applied | 36/40/44/48 | 38/46 | 36/40/44/48 | 38/46 | 42 |
| U-NII-2A | 52/56/60/64 0.42 | 52/56/60/64 | 54/62 | 52/56/60/64 | 54/62 | 58 |
| U-NII-2C | 100/104/108/112/116/120/124 /128/132/136/140/144 0.42 | 100/104/108/112 116/132/136/140 | 102/110/118/ 126/134 | 100/104/108/112 116/132/136/140 | 102/110 /134 | 106 |
| U-NII-3 | 149/153/157/161/165 0.39 | 149/153/157/161/ 165 | 151/159 | 149/153/157/161 /165 | 151/159 | 155 |

Highest measured output power channel tested initially are in **yellow highlight**.

The tune up of UNII-1 is less than UNII-2A. SAR is measured for UNII-2A band first. Adjusted SAR of UNII-2A band is ≤ 1.2 W/kg. SAR is not required for UNII-1 band.

Table 14.4-12: SAR Values (WLAN - Normal Power Head)

| Frequency | | Side | Test Position | Figure No. | Conducte d Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
|-----------|-----|-------|---------------|------------|------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------|
| MHz | Ch. | | | | | | | | | | |
| 5260 | 52 | Left | Cheek | / | 12.39 | 13 | 0.07 | 0.08 | 0.232 | 0.27 | -0.17 |
| 5260 | 52 | Left | Tilt | / | 12.39 | 13 | 0.081 | 0.09 | 0.285 | 0.33 | 0.05 |
| 5260 | 52 | Right | Cheek | Fig.32 | 12.39 | 13 | 0.159 | 0.18 | 0.654 | 0.75 | 0.06 |
| 5260 | 52 | Right | Tilt | / | 12.39 | 13 | 0.145 | 0.17 | 0.548 | 0.63 | 0.01 |
| 5720 | 144 | Left | Cheek | / | 13 | 13.5 | 0.046 | 0.05 | 0.153 | 0.17 | -0.19 |
| 5720 | 144 | Left | Tilt | / | 13 | 13.5 | 0.04 | 0.04 | 0.139 | 0.16 | -0.15 |
| 5720 | 144 | Right | Cheek | / | 13 | 13.5 | 0.134 | 0.15 | 0.613 | 0.69 | 0.09 |
| 5720 | 144 | Right | Tilt | / | 13 | 13.5 | 0.123 | 0.14 | 0.512 | 0.57 | 0.05 |
| 5785 | 157 | Left | Cheek | / | 13.68 | 14 | 0.059 | 0.06 | 0.214 | 0.23 | -0.14 |
| 5785 | 157 | Left | Tilt | / | 13.68 | 14 | 0.065 | 0.07 | 0.245 | 0.26 | -0.18 |
| 5785 | 157 | Right | Cheek | / | 13.68 | 14 | 0.13 | 0.14 | 0.603 | 0.65 | 0.02 |
| 5785 | 157 | Right | Tilt | / | 13.68 | 14 | 0.125 | 0.13 | 0.542 | 0.58 | -0.14 |
| 5220 | 44 | Right | Cheek | B2 | 12.39 | 13 | 0.15 | 0.17 | 0.635 | 0.73 | 0.03 |

Table 14.4-13: SAR Values (WLAN - Low Power Head)

| Frequency | | Side | Test Position | Figure No. | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
|-----------|-----|-------|---------------|------------|-----------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------|
| MHz | Ch. | | | | | | | | | | |
| 5260 | 52 | Left | Cheek | / | 10.62 | 11.5 | 0.028 | 0.03 | 0.102 | 0.12 | 0.12 |
| 5260 | 52 | Left | Tilt | / | 10.62 | 11.5 | 0.04 | 0.05 | 0.143 | 0.18 | -0.18 |
| 5260 | 52 | Right | Cheek | / | 10.62 | 11.5 | 0.068 | 0.08 | 0.293 | 0.36 | 0.05 |
| 5260 | 52 | Right | Tilt | / | 10.62 | 11.5 | 0.072 | 0.09 | 0.275 | 0.34 | 0.06 |
| 5540 | 108 | Left | Cheek | / | 10.62 | 11 | 0.022 | 0.02 | 0.079 | 0.09 | -0.09 |
| 5540 | 108 | Left | Tilt | / | 10.62 | 11 | 0.022 | 0.02 | 0.074 | 0.08 | 0.17 |
| 5540 | 108 | Right | Cheek | / | 10.62 | 11 | 0.054 | 0.06 | 0.247 | 0.27 | 0.09 |
| 5540 | 108 | Right | Tilt | / | 10.62 | 11 | 0.051 | 0.06 | 0.214 | 0.23 | -0.1 |
| 5785 | 157 | Left | Cheek | / | 11.71 | 12 | 0.028 | 0.03 | 0.102 | 0.11 | 0 |
| 5785 | 157 | Left | Tilt | / | 11.71 | 12 | 0.042 | 0.04 | 0.143 | 0.15 | 0.08 |
| 5785 | 157 | Right | Cheek | Fig.33 | 11.71 | 12 | 0.08 | 0.09 | 0.372 | 0.40 | 0.02 |
| 5785 | 157 | Right | Tilt | / | 11.71 | 12 | 0.083 | 0.09 | 0.355 | 0.38 | -0.11 |
| 5785 | 157 | Right | Cheek | B2 | 11.71 | 12 | 0.073 | 0.08 | 0.364 | 0.39 | 0.06 |

Table 14.4-14: SAR Values (WLAN - Normal Power Body)

| Frequency | | Test Position | Figure No. | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
|-----------|-----|---------------|------------|-----------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------|
| MHz | Ch. | | | | | | | | | |
| 5220 | 44 | Front | / | 16.62 | 17 | 0.112 | 0.12 | 0.313 | 0.34 | -0.02 |
| 5220 | 44 | Rear | Fig.34 | 16.62 | 17 | 0.278 | 0.30 | 0.797 | 0.87 | 0.09 |
| 5220 | 44 | Left | / | 16.62 | 17 | 0.21 | 0.23 | 0.558 | 0.61 | -0.03 |
| 5220 | 44 | Top | / | 16.62 | 17 | 0.185 | 0.20 | 0.469 | 0.51 | -0.04 |
| 5220 | 40 | Front | / | 16.46 | 17 | 0.275 | 0.31 | 0.767 | 0.87 | 0.09 |
| 5260 | 52 | Rear | / | 15.98 | 16.5 | 0.093 | 0.10 | 0.275 | 0.31 | 0.06 |
| 5260 | 52 | Left | / | 15.98 | 16.5 | 0.234 | 0.26 | 0.680 | 0.77 | -0.01 |
| 5260 | 52 | Top | / | 15.98 | 16.5 | 0.185 | 0.21 | 0.516 | 0.58 | -0.01 |
| 5260 | 52 | Front | / | 15.98 | 16.5 | 0.152 | 0.17 | 0.409 | 0.46 | 0.1 |
| 5720 | 144 | Rear | / | 16.66 | 17 | 0.081 | 0.09 | 0.271 | 0.29 | -0.16 |
| 5720 | 144 | Left | / | 16.66 | 17 | 0.205 | 0.22 | 0.600 | 0.65 | 0.09 |
| 5720 | 144 | Top | / | 16.66 | 17 | 0.184 | 0.20 | 0.57 | 0.62 | 0.08 |
| 5720 | 144 | Rear | / | 16.66 | 17 | 0.155 | 0.17 | 0.449 | 0.49 | -0.19 |
| 5785 | 157 | Front | / | 17.54 | 18 | 0.09 | 0.10 | 0.289 | 0.32 | 0.18 |
| 5785 | 157 | Rear | / | 17.54 | 18 | 0.221 | 0.25 | 0.664 | 0.74 | -0.04 |
| 5785 | 157 | Left | / | 17.54 | 18 | 0.206 | 0.23 | 0.658 | 0.73 | 0.14 |
| 5785 | 157 | Top | / | 17.54 | 18 | 0.154 | 0.17 | 0.455 | 0.51 | -0.01 |
| 5220 | 44 | Rear | / | 16.62 | 17 | 0.271 | 0.30 | 0.789 | 0.86 | 0.03 |
| 5220 | 44 | Front | / | 16.62 | 17 | 0.112 | 0.12 | 0.313 | 0.34 | -0.02 |
| 5220 | 44 | Rear | / | 16.62 | 17 | 0.278 | 0.30 | 0.797 | 0.87 | 0.09 |

Note1: The distance between the EUT and the phantom bottom is 10mm.

Table 14.4-15: SAR Values (WLAN - Low Power Body)

| Frequency | | Test Position | Figure No. | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
|-----------|-----|---------------|------------|-----------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------|
| MHz | Ch. | | | | | | | | | |
| 5260 | 52 | Front | / | 14.45 | 15 | 0.05 | 0.06 | 0.139 | 0.16 | 0.02 |
| 5260 | 52 | Rear | Fig.35 | 14.45 | 15 | 0.125 | 0.14 | 0.357 | 0.41 | 0.09 |
| 5260 | 52 | Left | / | 14.45 | 15 | 0.098 | 0.11 | 0.282 | 0.32 | 0.15 |
| 5260 | 52 | Top | / | 14.45 | 15 | 0.087 | 0.10 | 0.215 | 0.24 | -0.07 |
| 5720 | 144 | Front | / | 15.13 | 16 | 0.05 | 0.06 | 0.143 | 0.17 | -0.04 |
| 5720 | 144 | Rear | / | 15.13 | 16 | 0.116 | 0.14 | 0.333 | 0.41 | 0.09 |
| 5720 | 144 | Left | / | 15.13 | 16 | 0.112 | 0.14 | 0.322 | 0.39 | -0.04 |
| 5720 | 144 | Top | / | 15.13 | 16 | 0.086 | 0.11 | 0.222 | 0.27 | 0.11 |
| 5785 | 157 | Front | / | 15.73 | 16 | 0.052 | 0.06 | 0.161 | 0.17 | 0.07 |
| 5785 | 157 | Rear | / | 15.73 | 16 | 0.126 | 0.13 | 0.361 | 0.38 | 0.01 |
| 5785 | 157 | Left | / | 15.73 | 16 | 0.121 | 0.13 | 0.359 | 0.38 | 0.16 |
| 5785 | 157 | Top | / | 15.73 | 16 | 0.089 | 0.09 | 0.239 | 0.25 | 0.16 |
| 5260 | 52 | Rear | / | 14.45 | 15 | 0.116 | 0.13 | 0.349 | 0.40 | 0.08 |

Note1: The distance between the EUT and the phantom bottom is 10mm.

Table 14.4-16: SAR Values (WLAN - Low Power Body)

| Frequency | | Test Position | Figure No. | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
|-----------|-----|---------------|------------|-----------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------|
| MHz | Ch. | | | | | | | | | |
| 5260 | 52 | Rear | 0mm | 14.45 | 15 | 0.787 | 0.89 | 3.7 | 4.20 | 0.09 |
| 5260 | 52 | Front | 0mm | 14.45 | 15 | 0.365 | 0.41 | 1.57 | 1.78 | 0.09 |
| 5260 | 52 | Rear | 15mm | 14.45 | 15 | 0.0895 | 0.10 | 0.233 | 0.26 | 0.09 |

According to the KDB248227 D01, The reported SAR must be scaled to 100% transmission duty factor to determine compliance at the maximum tune-up tolerance limit. The scaled reported SAR is presented as below.

Table 14.4-17: SAR Values (WLAN - Normal Power Head) - Scaled Reported SAR

| Frequency | | Side | Test Position | Actual duty factor | maximum duty factor | Reported SAR (1g) (W/kg) | Scaled reported SAR (1g) (W/kg) |
|-----------|-----|-------|---------------|--------------------|---------------------|--------------------------|---------------------------------|
| MHz | Ch. | | | | | | |
| 5260 | 52 | Right | Cheek | 99.57% | 100% | 0.75 | 0.75 |

Table 14.4-18: SAR Values (WLAN - Low Power Head) - Scaled Reported SAR

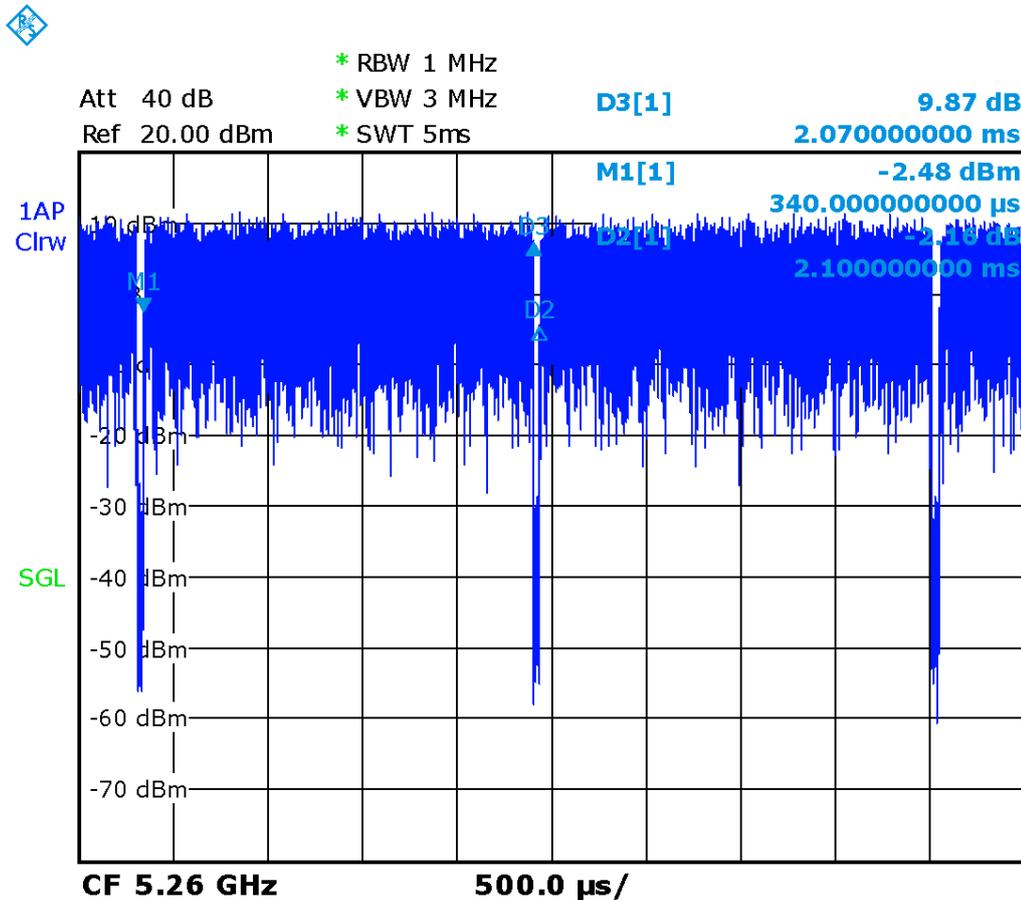
| Frequency | | Side | Test Position | Actual duty factor | maximum duty factor | Reported SAR (1g) (W/kg) | Scaled reported SAR (1g) (W/kg) |
|-----------|-----|-------|---------------|--------------------|---------------------|--------------------------|---------------------------------|
| MHz | Ch. | | | | | | |
| 5785 | 157 | Right | Cheek | 98.57% | 100% | 0.40 | 0.41 |

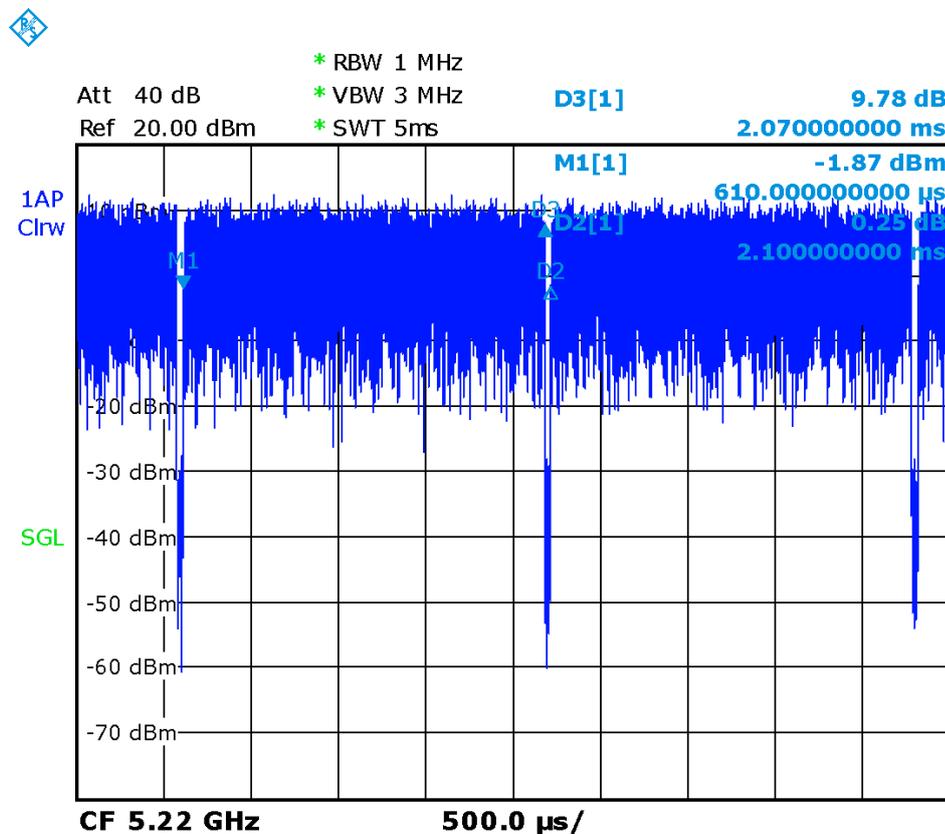
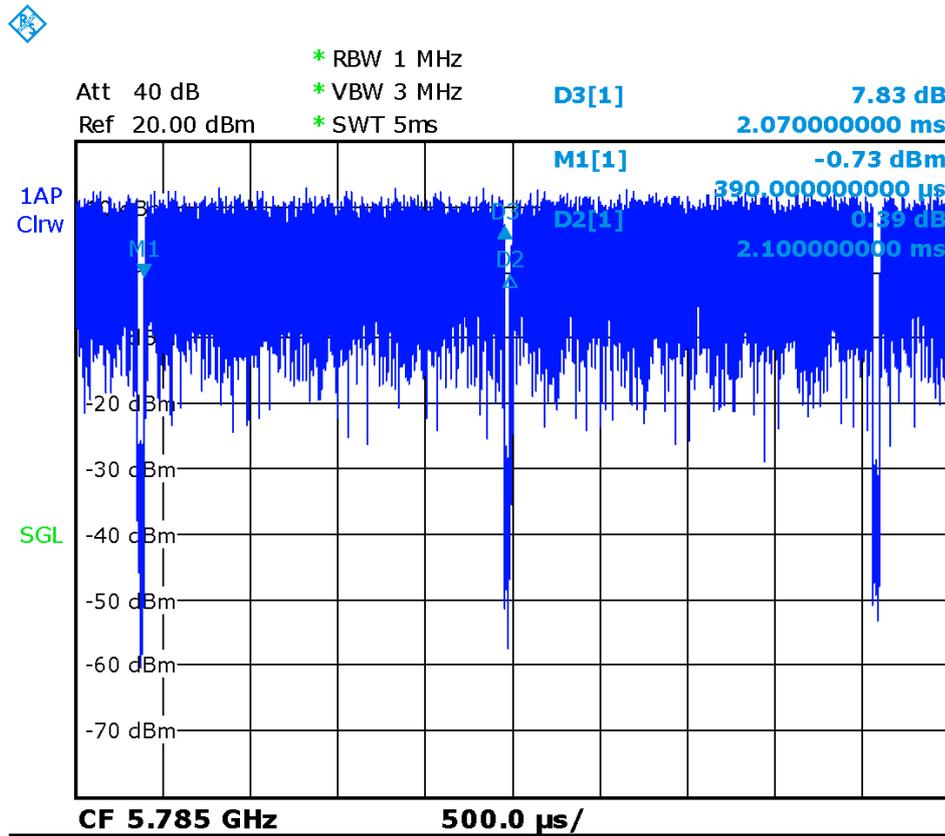
Table 14.4-19: SAR Values (WLAN - Normal Power Body) – Scaled Reported SAR

| Frequency | | Test Position | D (mm) | Actual duty factor | maximum duty factor | Reported SAR (1g) (W/kg) | Scaled reported SAR (1g) (W/kg) |
|-----------|-----|---------------|--------|--------------------|---------------------|--------------------------|---------------------------------|
| MHz | Ch. | | | | | | |
| 5220 | 44 | Rear | 10 | 98.57% | 100% | 0.87 | 0.87 |

Table 14.4-20: SAR Values (WLAN - Low Power Body) – Scaled Reported SAR

| Frequency | | Test Position | D (mm) | Actual duty factor | maximum duty factor | Reported SAR (1g) (W/kg) | Scaled reported SAR (1g) (W/kg) |
|-----------|-----|---------------|--------|--------------------|---------------------|--------------------------|---------------------------------|
| MHz | Ch. | | | | | | |
| 5260 | 52 | Rear | 10 | 98.57% | 100% | 0.41 | 0.42 |





14.5 SAR results for extremity SAR

Table 14.5-1: SAR Values (GSM 1900 MHz Band - Body)

| Ambient Temperature: 22.9 °C | | | | | | Liquid Temperature: 22.5 °C | | | | | |
|------------------------------|--------|----------------------------------|------------------|------------------------|-----------------------------|---------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------|
| Frequency | | Mode (number of timeslots) | Test Position | Figure No./ Note | Conducted Power (dBm) | Max. tune- up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
| Ch. | MHz | | | | | | | | | | |
| 810 | 1909.8 | GPRS (2) | Bottom | 0mm | 27.15 | 28 | 2.440 | 2.97 | 5.71 | 6.94 | 810 |

Table 14.5-2: SAR Values (WCDMA 1900 MHz Band - Body)

| Ambient Temperature: 22.9 °C | | | | | | Liquid Temperature: 22.5 °C | | | | |
|------------------------------|------|------------------|------------------------|-----------------------------|-----------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------|
| Frequency | | Test Position | Figure No./ Note | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
| Ch. | MHz | | | | | | | | | |
| 9400 | 1880 | Bottom | 0mm | 21.42 | 21.5 | 2.620 | 2.67 | 6.23 | 6.35 | -0.07 |

Table 14.5-3: SAR Values (LTE Band7 - Body)

| Ambient Temperature: 22.9 °C | | | | | | Liquid Temperature: 22.5 °C | | | | | |
|------------------------------|------|----------|------------------|---------------------|---------------------------------|-----------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------|
| Frequency | | Mode | Test Position | Figure No./ Note | Conduc ted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
| Ch. | MHz | | | | | | | | | | |
| 21350 | 2560 | 1RB-Low | Rear | 0mm | 17.32 | 18 | 2.44 | 2.85 | 7.56 | 8.84 | 0.01 |
| 21100 | 2535 | 1RB-High | Rear | 0mm | 17.32 | 18 | 2.32 | 2.71 | 7.05 | 8.24 | 0.06 |
| 20850 | 2510 | 1RB-High | Rear | 0mm | 17.32 | 18 | 2.39 | 2.80 | 7.25 | 8.48 | 0.02 |
| 21350 | 2560 | 100RB | Rear | 0mm | 17.12 | 18 | 2.12 | 2.60 | 6.63 | 8.12 | 0.08 |

Table 14.5-4: SAR Values (LTE Band25 - Body)

| Ambient Temperature: 22.9 °C | | | | | | Liquid Temperature: 22.5 °C | | | | | |
|------------------------------|--------|------------|------------------|---------------|---------------------------------|-----------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------|
| Frequency | | Mode | Test Position | Figure No. | Conduc ted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
| Ch. | MHz | | | | | | | | | | |
| 26365 | 1882.5 | 1RB-Low | Bottom | 0mm | 20.94 | 21.5 | 2.460 | 2.80 | 5.75 | 6.54 | -0.01 |
| 26590 | 1905 | 1RB-Middle | Bottom | 0mm | 20.94 | 21.5 | 2.08 | 2.37 | 5.07 | 5.77 | -0.09 |
| 26140 | 1860 | 1RB-Low | Bottom | 0mm | 20.94 | 21.5 | 2.38 | 2.71 | 5.70 | 6.48 | -0.04 |
| 26140 | 1860 | 100RB | Bottom | 0mm | 20.94 | 21.5 | 2.4 | 2.73 | 5.65 | 6.43 | -0.08 |

Table 14.5-5: SAR Values (LTE Band41 - Body)

| Ambient Temperature: 22.9 °C | | | | | | Liquid Temperature: 22.5 °C | | | | | |
|------------------------------|------|---------|----------------------|---------------|------------------------------|-----------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|------------------------|
| Frequency | | Mode | Test Positio n | Figure No. | Conduct ed Power (dBm) | tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
| Ch. | MHz | | | | | | | | | | |
| 40470 | 2578 | 1RB-Low | Rear | 0mm | 18.38 | 19 | 1.550 | 1.79 | 4.74 | 5.47 | 0.01 |

Table 14.5-6: SAR Values (wlan 2.4G - Body)

| Frequency | | Mode | Test Position | Figure No. | Conducted Power (dBm) | tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) | |
|-----------|------|------------------------------|---------------|------------|-----------------------|---------------------|-----------------------------|--------------------------|-------------------------|-------------------------|------------------|--|
| Ch. | MHz | | | | | | | | | | | |
| | | Ambient Temperature: 22.9 °C | | | | | Liquid Temperature: 22.5 °C | | | | | |
| 1 | 2412 | 1M | Rear | 0mm | 18.24 | 18.5 | 0.802 | 0.85 | 1.96 | 2.08 | 0.01 | |

Table 14.5-7: SAR Values (wlan 5G - Body)

| Frequency | | Mode | Test Position | Figure No. | Conducted Power (dBm) | tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) | |
|-----------|------|------------------------------|---------------|------------|-----------------------|---------------------|-----------------------------|--------------------------|-------------------------|-------------------------|------------------|--|
| Ch. | MHz | | | | | | | | | | | |
| | | Ambient Temperature: 22.9 °C | | | | | Liquid Temperature: 22.5 °C | | | | | |
| 52 | 5260 | 11a-6M | Rear | 0mm | 14.45 | 15 | 0.787 | 0.89 | 3.7 | 4.20 | 0.09 | |

14.6 SAR results for Fast BT

Table 14.6-1: SAR Values (Bluetooth - Head)

| Frequency | | Side | Test Position | Figure No. | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) |
|-----------|------|-------|---------------|------------|-----------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|------------------|
| Ch. | MHz | | | | | | | | | | |
| 78 | 2480 | Left | Touch | / | 11.02 | 12 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | / |
| 78 | 2480 | Left | Tilt | / | 11.02 | 12 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | / |
| 78 | 2480 | Right | Touch | / | 11.02 | 12 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | / |
| 78 | 2480 | Right | Tilt | / | 11.02 | 12 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | / |

Table 14.6-2: SAR Values (Bluetooth - Body)

| Frequency | | Test Position | Figure No. | Conducted Power (dBm) | Max. tune-up Power (dBm) | Measured SAR(10g) (W/kg) | Reported SAR(10g) (W/kg) | Measured SAR(1g) (W/kg) | Reported SAR(1g) (W/kg) | Power Drift (dB) | |
|-----------|------|------------------------------|------------|-----------------------|--------------------------|--------------------------|---------------------------|-------------------------|-------------------------|------------------|--|
| Ch. | MHz | | | | | | | | | | |
| | | Ambient Temperature: 22.2 °C | | | | | Liquid Temperature: 22 °C | | | | |
| 78 | 2480 | Front | / | 11.02 | 12 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | / | |
| 78 | 2480 | Rear | / | 11.02 | 12 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | / | |
| 78 | 2480 | Left | / | 11.02 | 12 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | / | |
| 78 | 2480 | Right | / | 11.02 | 12 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | / | |
| 78 | 2480 | Bottom | / | 11.20 | 12 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | / | |
| 78 | 2480 | Top | / | 11.20 | 12 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | / | |

Note1: The distance between the EUT and the phantom bottom is 10mm

15 SAR Measurement Variability

SAR measurement variability must be assessed for each frequency band, which is determined by the SAR probe calibration point and tissue-equivalent medium used for the device measurements. When both head and body tissue-equivalent media are required for SAR measurements in a

frequency band, the variability measurement procedures should be applied to the tissue medium with the highest measured SAR, using the highest measured SAR configuration for that tissue-equivalent medium.

The following procedures are applied to determine if repeated measurements are required.

- 1) Repeated measurement is not required when the original highest measured SAR is < 0.80 W/kg; steps 2) through 4) do not apply.
- 2) When the original highest measured SAR is ≥ 0.80 W/kg, repeat that measurement once.
- 3) Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).
- 4) Perform a third repeated measurement only if the original, first or second repeated measurement is ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .

Table 15.1: SAR Measurement Variability for Body GSM1900 (1g)

| Frequency | | Test Position | Spacing (mm) | Original SAR (W/kg) | First Repeated SAR (W/kg) | The Ratio | Second Repeated SAR (W/kg) |
|-----------|--------|---------------|--------------|---------------------|---------------------------|-----------|----------------------------|
| Ch. | MHz | | | | | | |
| 810 | 1909.8 | Bottom | 10 | 1.08 | 1.06 | 1.02 | / |

Table 15.2: SAR Measurement Variability for Body W1700 (1g)

| Frequency | | Test Position | Spacing (mm) | Original SAR (W/kg) | First Repeated SAR (W/kg) | The Ratio | Second Repeated SAR (W/kg) |
|-----------|--------|---------------|--------------|---------------------|---------------------------|-----------|----------------------------|
| Ch. | MHz | | | | | | |
| 1312 | 1712.4 | Bottom | 10 | 1.05 | 1.04 | 1.01 | / |

Table 15.3: SAR Measurement Variability for Body W1900 (1g)

| Frequency | | Test Position | Spacing (mm) | Original SAR (W/kg) | First Repeated SAR (W/kg) | The Ratio | Second Repeated SAR (W/kg) |
|-----------|------|---------------|--------------|---------------------|---------------------------|-----------|----------------------------|
| Ch. | MHz | | | | | | |
| 9400 | 1880 | Bottom | 10 | 1.26 | 1.23 | 1.02 | / |

Table 15.4: SAR Measurement Variability for Body LTE B25 (1g)

| Frequency | | Mode | Test Position | Spacing (mm) | Original SAR (W/kg) | First Repeated SAR (W/kg) | The Ratio | Second Repeated SAR (W/kg) |
|-----------|--------|---------|---------------|--------------|---------------------|---------------------------|-----------|----------------------------|
| Ch. | MHz | | | | | | | |
| 26365 | 1882.5 | 1RB-Low | Bottom | 10 | 1.18 | 1.16 | 1.02 | / |

Table 15.5: SAR Measurement Variability for Body LTE B41 (1g)

| Frequency | | Mode | Test Position | Spacing (mm) | Original SAR (W/kg) | First Repeated SAR (W/kg) | The Ratio | Second Repeated SAR (W/kg) |
|-----------|------|---------|---------------|--------------|---------------------|---------------------------|-----------|----------------------------|
| Ch. | MHz | | | | | | | |
| 40800 | 2611 | 1RB-Low | Rear | 10 | 0.869 | 0.861 | 1.01 | / |

Table 15.6: SAR Measurement Variability for Body LTE B66 (1g)

| Frequency | | Mode | Test Position | Spacing (mm) | Original SAR (W/kg) | First Repeated SAR (W/kg) | The Ratio | Second Repeated SAR (W/kg) |
|-----------|------|----------|---------------|--------------|---------------------|---------------------------|-----------|----------------------------|
| Ch. | MHz | | | | | | | |
| 132072 | 1720 | 1RB-High | Bottom | 10 | 1.06 | 1.05 | 1.01 | / |

Table 15.7: SAR Measurement Variability for Body LTE B7 (1g)

| Frequency | | Mode | Test Position | Spacing (mm) | Original SAR (W/kg) | First Repeated SAR (W/kg) | The Ratio | Second Repeated SAR (W/kg) |
|-----------|------|-------|---------------|--------------|---------------------|---------------------------|-----------|----------------------------|
| Ch. | MHz | | | | | | | |
| 21350 | 2560 | 100RB | Rear | 15 | 0.938 | 0.931 | 1.01 | / |

16 Measurement Uncertainty

16.1 Measurement Uncertainty for Normal SAR Tests (300MHz~3GHz)

| No. | Error Description | Type | Uncertainty value | Probably Distribution | Div. | (Ci) 1g | (Ci) 10g | Std. Unc. (1g) | Std. Unc. (10g) | Degree of freedom |
|----------------------------|-------------------------------------------------|------|-------------------|-----------------------|------------|---------|----------|----------------|-----------------|-------------------|
| Measurement system | | | | | | | | | | |
| 1 | Probe calibration | B | 6.0 | N | 1 | 1 | 1 | 6.0 | 6.0 | ∞ |
| 2 | Isotropy | B | 4.7 | R | $\sqrt{3}$ | 0.7 | 0.7 | 1.9 | 1.9 | ∞ |
| 3 | Boundary effect | B | 1.0 | R | $\sqrt{3}$ | 1 | 1 | 0.6 | 0.6 | ∞ |
| 4 | Linearity | B | 4.7 | R | $\sqrt{3}$ | 1 | 1 | 2.7 | 2.7 | ∞ |
| 5 | Detection limit | B | 1.0 | N | 1 | 1 | 1 | 0.6 | 0.6 | ∞ |
| 6 | Readout electronics | B | 0.3 | R | $\sqrt{3}$ | 1 | 1 | 0.3 | 0.3 | ∞ |
| 7 | Response time | B | 0.8 | R | $\sqrt{3}$ | 1 | 1 | 0.5 | 0.5 | ∞ |
| 8 | Integration time | B | 2.6 | R | $\sqrt{3}$ | 1 | 1 | 1.5 | 1.5 | ∞ |
| 9 | RF ambient conditions-noise | B | 0 | R | $\sqrt{3}$ | 1 | 1 | 0 | 0 | ∞ |
| 10 | RFambient conditions-reflection | B | 0 | R | $\sqrt{3}$ | 1 | 1 | 0 | 0 | ∞ |
| 11 | Probe positioned mech. restrictions | B | 0.4 | R | $\sqrt{3}$ | 1 | 1 | 0.2 | 0.2 | ∞ |
| 12 | Probe positioning with respect to phantom shell | B | 2.9 | R | $\sqrt{3}$ | 1 | 1 | 1.7 | 1.7 | ∞ |
| 13 | Post-processing | B | 1.0 | R | $\sqrt{3}$ | 1 | 1 | 0.6 | 0.6 | ∞ |
| Test sample related | | | | | | | | | | |
| 14 | Test sample positioning | A | 3.3 | N | 1 | 1 | 1 | 3.3 | 3.3 | 71 |
| 15 | Device holder uncertainty | A | 3.4 | N | 1 | 1 | 1 | 3.4 | 3.4 | 5 |
| 16 | Drift of output power | B | 5.0 | R | $\sqrt{3}$ | 1 | 1 | 2.9 | 2.9 | ∞ |
| Phantom and set-up | | | | | | | | | | |
| 17 | Phantom uncertainty | B | 4.0 | R | $\sqrt{3}$ | 1 | 1 | 2.3 | 2.3 | ∞ |
| 18 | Liquid conductivity (target) | B | 5.0 | R | $\sqrt{3}$ | 0.64 | 0.43 | 1.8 | 1.2 | ∞ |
| 19 | Liquid conductivity (meas.) | A | 2.06 | N | 1 | 0.64 | 0.43 | 1.32 | 0.89 | 43 |
| 20 | Liquid permittivity (target) | B | 5.0 | R | $\sqrt{3}$ | 0.6 | 0.49 | 1.7 | 1.4 | ∞ |
| 21 | Liquid permittivity (meas.) | A | 1.6 | N | 1 | 0.6 | 0.49 | 1.0 | 0.8 | 521 |

| | | | | | | | | | | |
|----------------------------------------------------|--------------------------------------------|--|--|--|--|--|--|------|------|-----|
| Combined standard uncertainty | $u_c = \sqrt{\sum_{i=1}^{21} c_i^2 u_i^2}$ | | | | | | | 9.55 | 9.43 | 257 |
| Expanded uncertainty (confidence interval of 95 %) | $u_e = 2u_c$ | | | | | | | 19.1 | 18.9 | |

16.2 Measurement Uncertainty for Normal SAR Tests (3~6GHz)

| No. | Error Description | Type | Uncertainty value | Probably Distribution | Div. | (Ci) 1g | (Ci) 10g | Std. Unc. (1g) | Std. Unc. (10g) | Degree of freedom |
|----------------------------|-------------------------------------------------|------|-------------------|-----------------------|------------|---------|----------|----------------|-----------------|-------------------|
| Measurement system | | | | | | | | | | |
| 1 | Probe calibration | B | 6.55 | N | 1 | 1 | 1 | 6.55 | 6.55 | ∞ |
| 2 | Isotropy | B | 4.7 | R | $\sqrt{3}$ | 0.7 | 0.7 | 1.9 | 1.9 | ∞ |
| 3 | Boundary effect | B | 2.0 | R | $\sqrt{3}$ | 1 | 1 | 1.2 | 1.2 | ∞ |
| 4 | Linearity | B | 4.7 | R | $\sqrt{3}$ | 1 | 1 | 2.7 | 2.7 | ∞ |
| 5 | Detection limit | B | 1.0 | R | $\sqrt{3}$ | 1 | 1 | 0.6 | 0.6 | ∞ |
| 6 | Readout electronics | B | 0.3 | R | $\sqrt{3}$ | 1 | 1 | 0.3 | 0.3 | ∞ |
| 7 | Response time | B | 0.8 | R | $\sqrt{3}$ | 1 | 1 | 0.5 | 0.5 | ∞ |
| 8 | Integration time | B | 2.6 | R | $\sqrt{3}$ | 1 | 1 | 1.5 | 1.5 | ∞ |
| 9 | RF ambient conditions-noise | B | 0 | R | $\sqrt{3}$ | 1 | 1 | 0 | 0 | ∞ |
| 10 | RFambient conditions-reflection | B | 0 | R | $\sqrt{3}$ | 1 | 1 | 0 | 0 | ∞ |
| 11 | Probe positioned mech. restrictions | B | 0.8 | R | $\sqrt{3}$ | 1 | 1 | 0.5 | 0.5 | ∞ |
| 12 | Probe positioning with respect to phantom shell | B | 6.7 | R | $\sqrt{3}$ | 1 | 1 | 3.9 | 3.9 | ∞ |
| 13 | Post-processing | B | 4.0 | R | $\sqrt{3}$ | 1 | 1 | 2.3 | 2.3 | ∞ |
| Test sample related | | | | | | | | | | |
| 14 | Test sample positioning | A | 3.3 | N | 1 | 1 | 1 | 3.3 | 3.3 | 71 |
| 15 | Device holder uncertainty | A | 3.4 | N | 1 | 1 | 1 | 3.4 | 3.4 | 5 |
| 16 | Drift of output power | B | 5.0 | R | $\sqrt{3}$ | 1 | 1 | 2.9 | 2.9 | ∞ |
| Phantom and set-up | | | | | | | | | | |
| 17 | Phantom uncertainty | B | 4.0 | R | $\sqrt{3}$ | 1 | 1 | 2.3 | 2.3 | ∞ |
| 18 | Liquid conductivity (target) | B | 5.0 | R | $\sqrt{3}$ | 0.64 | 0.43 | 1.8 | 1.2 | ∞ |
| 19 | Liquid conductivity (meas.) | A | 2.06 | N | 1 | 0.64 | 0.43 | 1.32 | 0.89 | 43 |
| 20 | Liquid permittivity (target) | B | 5.0 | R | $\sqrt{3}$ | 0.6 | 0.49 | 1.7 | 1.4 | ∞ |

| | | | | | | | | | | |
|----------------------------------------------------|-----------------------------|--------------------------------------------|-----|---|---|-----|------|------|------|-----|
| 21 | Liquid permittivity (meas.) | A | 1.6 | N | 1 | 0.6 | 0.49 | 1.0 | 0.8 | 521 |
| Combined standard uncertainty | | $u_c = \sqrt{\sum_{i=1}^{21} c_i^2 u_i^2}$ | | | | | | 10.7 | 10.6 | 257 |
| Expanded uncertainty (confidence interval of 95 %) | | $u_e = 2u_c$ | | | | | | 21.4 | 21.1 | |

16.3 Measurement Uncertainty for Fast SAR Tests (300MHz~3GHz)

| No. | Error Description | Type | Uncertainty value | Probably Distribution | Div. | (Ci) 1g | (Ci) 10g | Std. Unc. (1g) | Std. Unc. (10g) | Degree of freedom |
|----------------------------|-------------------------------------------------|------|-------------------|-----------------------|------------|---------|----------|----------------|-----------------|-------------------|
| Measurement system | | | | | | | | | | |
| 1 | Probe calibration | B | 6.0 | N | 1 | 1 | 1 | 6.0 | 6.0 | ∞ |
| 2 | Isotropy | B | 4.7 | R | $\sqrt{3}$ | 0.7 | 0.7 | 1.9 | 1.9 | ∞ |
| 3 | Boundary effect | B | 1.0 | R | $\sqrt{3}$ | 1 | 1 | 0.6 | 0.6 | ∞ |
| 4 | Linearity | B | 4.7 | R | $\sqrt{3}$ | 1 | 1 | 2.7 | 2.7 | ∞ |
| 5 | Detection limit | B | 1.0 | R | $\sqrt{3}$ | 1 | 1 | 0.6 | 0.6 | ∞ |
| 6 | Readout electronics | B | 0.3 | R | $\sqrt{3}$ | 1 | 1 | 0.3 | 0.3 | ∞ |
| 7 | Response time | B | 0.8 | R | $\sqrt{3}$ | 1 | 1 | 0.5 | 0.5 | ∞ |
| 8 | Integration time | B | 2.6 | R | $\sqrt{3}$ | 1 | 1 | 1.5 | 1.5 | ∞ |
| 9 | RF ambient conditions-noise | B | 0 | R | $\sqrt{3}$ | 1 | 1 | 0 | 0 | ∞ |
| 10 | RFambient conditions-reflection | B | 0 | R | $\sqrt{3}$ | 1 | 1 | 0 | 0 | ∞ |
| 11 | Probe positioned mech. Restrictions | B | 0.4 | R | $\sqrt{3}$ | 1 | 1 | 0.2 | 0.2 | ∞ |
| 12 | Probe positioning with respect to phantom shell | B | 2.9 | R | $\sqrt{3}$ | 1 | 1 | 1.7 | 1.7 | ∞ |
| 13 | Post-processing | B | 1.0 | R | $\sqrt{3}$ | 1 | 1 | 0.6 | 0.6 | ∞ |
| 14 | Fast SAR z-Approximation | B | 7.0 | R | $\sqrt{3}$ | 1 | 1 | 4.0 | 4.0 | ∞ |
| Test sample related | | | | | | | | | | |
| 15 | Test sample positioning | A | 3.3 | N | 1 | 1 | 1 | 3.3 | 3.3 | 71 |
| 16 | Device holder uncertainty | A | 3.4 | N | 1 | 1 | 1 | 3.4 | 3.4 | 5 |
| 17 | Drift of output power | B | 5.0 | R | $\sqrt{3}$ | 1 | 1 | 2.9 | 2.9 | ∞ |
| Phantom and set-up | | | | | | | | | | |
| 18 | Phantom uncertainty | B | 4.0 | R | $\sqrt{3}$ | 1 | 1 | 2.3 | 2.3 | ∞ |
| 19 | Liquid conductivity (target) | B | 5.0 | R | $\sqrt{3}$ | 0.64 | 0.43 | 1.8 | 1.2 | ∞ |

| | | | | | | | | | | |
|----------------------------------------------------|------------------------------|---------------------------------------------|------|---|------------|------|------|------|------|----------|
| 20 | Liquid conductivity (meas.) | A | 2.06 | N | 1 | 0.64 | 0.43 | 1.32 | 0.89 | 43 |
| 21 | Liquid permittivity (target) | B | 5.0 | R | $\sqrt{3}$ | 0.6 | 0.49 | 1.7 | 1.4 | ∞ |
| 22 | Liquid permittivity (meas.) | A | 1.6 | N | 1 | 0.6 | 0.49 | 1.0 | 0.8 | 521 |
| Combined standard uncertainty | | $u_c' = \sqrt{\sum_{i=1}^{22} c_i^2 u_i^2}$ | | | | | | 10.4 | 10.3 | 257 |
| Expanded uncertainty (confidence interval of 95 %) | | $u_e = 2u_c$ | | | | | | 20.8 | 20.6 | |

16.4 Measurement Uncertainty for Fast SAR Tests (3~6GHz)

| No. | Error Description | Type | Uncertainty value | Probably Distribution | Div. | (Ci) 1g | (Ci) 10g | Std. Unc. (1g) | Std. Unc. (10g) | Degree of freedom |
|----------------------------|-------------------------------------------------|------|-------------------|-----------------------|------------|---------|----------|----------------|-----------------|-------------------|
| Measurement system | | | | | | | | | | |
| 1 | Probe calibration | B | 6.55 | N | 1 | 1 | 1 | 6.55 | 6.55 | ∞ |
| 2 | Isotropy | B | 4.7 | R | $\sqrt{3}$ | 0.7 | 0.7 | 1.9 | 1.9 | ∞ |
| 3 | Boundary effect | B | 2.0 | R | $\sqrt{3}$ | 1 | 1 | 1.2 | 1.2 | ∞ |
| 4 | Linearity | B | 4.7 | R | $\sqrt{3}$ | 1 | 1 | 2.7 | 2.7 | ∞ |
| 5 | Detection limit | B | 1.0 | R | $\sqrt{3}$ | 1 | 1 | 0.6 | 0.6 | ∞ |
| 6 | Readout electronics | B | 0.3 | R | $\sqrt{3}$ | 1 | 1 | 0.3 | 0.3 | ∞ |
| 7 | Response time | B | 0.8 | R | $\sqrt{3}$ | 1 | 1 | 0.5 | 0.5 | ∞ |
| 8 | Integration time | B | 2.6 | R | $\sqrt{3}$ | 1 | 1 | 1.5 | 1.5 | ∞ |
| 9 | RF ambient conditions-noise | B | 0 | R | $\sqrt{3}$ | 1 | 1 | 0 | 0 | ∞ |
| 10 | RFambient conditions-reflection | B | 0 | R | $\sqrt{3}$ | 1 | 1 | 0 | 0 | ∞ |
| 11 | Probe positioned mech. Restrictions | B | 0.8 | R | $\sqrt{3}$ | 1 | 1 | 0.5 | 0.5 | ∞ |
| 12 | Probe positioning with respect to phantom shell | B | 6.7 | R | $\sqrt{3}$ | 1 | 1 | 3.9 | 3.9 | ∞ |
| 13 | Post-processing | B | 1.0 | R | $\sqrt{3}$ | 1 | 1 | 0.6 | 0.6 | ∞ |
| 14 | Fast SAR z-Approximation | B | 14.0 | R | $\sqrt{3}$ | 1 | 1 | 8.1 | 8.1 | ∞ |
| Test sample related | | | | | | | | | | |
| 15 | Test sample positioning | A | 3.3 | N | 1 | 1 | 1 | 3.3 | 3.3 | 71 |
| 16 | Device holder uncertainty | A | 3.4 | N | 1 | 1 | 1 | 3.4 | 3.4 | 5 |