

APPENDIX A: SAR TEST RESULTS FOR P_{LIMIT} CALCULATIONS

Table A-1
DSI = 2 P_{Limit} Calculations –GSM 850 Head SAR

| MEASUREMENT RESULTS | | | | | | | | | | | |
|---------------------|-----|---------|---------|-----------------------|-------|---------------|-----------------|------------|----------|--------|----------------|
| FREQUENCY | | Mode | Service | Conducted Power [dBm] | Side | Test Position | Antenna Config. | Duty Cycle | SAR (1g) | Plimit | Overall Plimit |
| MHz | Ch. | | | | | | | | (W/kg) | | |
| 848.80 | 251 | GSM 850 | GSM | 31.68 | Right | Cheek | A | 1:8.3 | 0.175 | 30.05 | 30.05 |
| 848.80 | 251 | GSM 850 | GSM | 31.68 | Right | Tilt | A | 1:8.3 | 0.093 | 32.78 | |
| 848.80 | 251 | GSM 850 | GSM | 31.68 | Left | Cheek | A | 1:8.3 | 0.146 | 30.84 | |
| 848.80 | 251 | GSM 850 | GSM | 31.68 | Left | Tilt | A | 1:8.3 | 0.082 | 33.34 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-2
DSI = 2 P_{Limit} Calculations –GSM 1900 Head SAR

| MEASUREMENT RESULTS | | | | | | | | | | | |
|---------------------|-----|----------|---------|-----------------------|-------|---------------|-----------------|------------|----------|--------|----------------|
| FREQUENCY | | Mode | Service | Conducted Power [dBm] | Side | Test Position | Antenna Config. | Duty Cycle | SAR (1g) | Plimit | Overall Plimit |
| MHz | Ch. | | | | | | | | (W/kg) | | |
| 1880.00 | 661 | GSM 1900 | GSM | 29.16 | Right | Cheek | A | 1:8.3 | 0.032 | 34.91 | 32.48 |
| 1880.00 | 661 | GSM 1900 | GSM | 29.16 | Right | Tilt | A | 1:8.3 | 0.021 | 36.74 | |
| 1880.00 | 661 | GSM 1900 | GSM | 29.16 | Left | Cheek | A | 1:8.3 | 0.056 | 32.48 | |
| 1880.00 | 661 | GSM 1900 | GSM | 29.16 | Left | Tilt | A | 1:8.3 | 0.020 | 36.95 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-3
DSI = 2 P_{Limit} Calculations –UMTS 850 Head SAR

| MEASUREMENT RESULTS | | | | | | | | | | | |
|---------------------|------|----------|---------|-----------------------|-------|---------------|-----------------|------------|----------|--------|----------------|
| FREQUENCY | | Mode | Service | Conducted Power [dBm] | Side | Test Position | Antenna Config. | Duty Cycle | SAR (1g) | Plimit | Overall Plimit |
| MHz | Ch. | | | | | | | | (W/kg) | | |
| 846.60 | 4233 | UMTS 850 | RMC | 24.21 | Right | Cheek | A | 1:1 | 0.226 | 30.67 | 30.67 |
| 846.60 | 4233 | UMTS 850 | RMC | 24.21 | Right | Tilt | A | 1:1 | 0.122 | 33.35 | |
| 846.60 | 4233 | UMTS 850 | RMC | 24.21 | Left | Cheek | A | 1:1 | 0.196 | 31.29 | |
| 846.60 | 4233 | UMTS 850 | RMC | 24.21 | Left | Tilt | A | 1:1 | 0.114 | 33.64 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




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| Test Dates: 02/07/22 - 03/25/22 | DUT Type: Portable Handset | APPENDIX A: Page 1 of 34 | | |

Table A-4
DSI = 2 P_{Limit} Calculations –UMTS 1750 Head SAR

| MEASUREMENT RESULTS | | | | | | | | | | | |
|---------------------|------|-----------|---------|-----------------------|-------|---------------|-----------------|------------|----------|--------|----------------|
| FREQUENCY | | Mode | Service | Conducted Power [dBm] | Side | Test Position | Antenna Config. | Duty Cycle | SAR (1g) | Plimit | Overall Plimit |
| MHz | Ch. | | | | | | | | (W/kg) | | |
| 1732.40 | 1412 | UMTS 1750 | RMC | 23.28 | Right | Cheek | A | 1:1 | 0.113 | 32.75 | 28.75 |
| 1732.40 | 1412 | UMTS 1750 | RMC | 23.28 | Right | Tilt | A | 1:1 | 0.123 | 32.38 | |
| 1732.40 | 1412 | UMTS 1750 | RMC | 23.28 | Left | Cheek | A | 1:1 | 0.284 | 28.75 | |
| 1732.40 | 1412 | UMTS 1750 | RMC | 23.28 | Left | Tilt | A | 1:1 | 0.078 | 34.36 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-5
DSI = 2 P_{Limit} Calculations –UMTS 1900 Head SAR

| MEASUREMENT RESULTS | | | | | | | | | | | |
|---------------------|------|-----------|---------|-----------------------|-------|---------------|-----------------|------------|----------|--------|----------------|
| FREQUENCY | | Mode | Service | Conducted Power [dBm] | Side | Test Position | Antenna Config. | Duty Cycle | SAR (1g) | Plimit | Overall Plimit |
| MHz | Ch. | | | | | | | | (W/kg) | | |
| 1880.00 | 9400 | UMTS 1900 | RMC | 23.03 | Right | Cheek | A | 1:1 | 0.096 | 33.21 | 31.24 |
| 1880.00 | 9400 | UMTS 1900 | RMC | 23.03 | Right | Tilt | A | 1:1 | 0.072 | 34.46 | |
| 1880.00 | 9400 | UMTS 1900 | RMC | 23.03 | Left | Cheek | A | 1:1 | 0.151 | 31.24 | |
| 1880.00 | 9400 | UMTS 1900 | RMC | 23.03 | Left | Tilt | A | 1:1 | 0.053 | 35.79 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-6
DSI = 2 P_{Limit} Calculations – LTE Band 12 Head SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | |
|---------------------|-------|-----|-------------|-----------------|-----------------------|----------|-------|---------------|-----------------|------------|---------|-----------|------------|----------|--------|----------------|
| FREQUENCY | | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB] | Side | Test Position | Antenna Config. | Modulation | RB Size | RB Offset | Duty Cycle | SAR (1g) | Plimit | Overall Plimit |
| MHz | Ch. | Ch. | | | | | | | | | | | | (W/kg) | | |
| 707.50 | 23095 | Mid | LTE Band 12 | 10 | 24.13 | 0 | Right | Cheek | A | QPSK | 1 | 0 | 1:1 | 0.125 | 33.16 | 32.86 |
| 707.50 | 23095 | Mid | LTE Band 12 | 10 | 23.07 | 1 | Right | Cheek | A | QPSK | 25 | 12 | 1:1 | 0.105 | 32.86 | |
| 707.50 | 23095 | Mid | LTE Band 12 | 10 | 24.13 | 0 | Right | Tilt | A | QPSK | 1 | 0 | 1:1 | 0.063 | 36.14 | |
| 707.50 | 23095 | Mid | LTE Band 12 | 10 | 23.07 | 1 | Right | Tilt | A | QPSK | 25 | 12 | 1:1 | 0.051 | 35.96 | |
| 707.50 | 23095 | Mid | LTE Band 12 | 10 | 24.13 | 0 | Left | Cheek | A | QPSK | 1 | 0 | 1:1 | 0.093 | 34.46 | |
| 707.50 | 23095 | Mid | LTE Band 12 | 10 | 23.07 | 1 | Left | Cheek | A | QPSK | 25 | 12 | 1:1 | 0.081 | 34.00 | |
| 707.50 | 23095 | Mid | LTE Band 12 | 10 | 24.13 | 0 | Left | Tilt | A | QPSK | 1 | 0 | 1:1 | 0.050 | 37.12 | |
| 707.50 | 23095 | Mid | LTE Band 12 | 10 | 23.07 | 1 | Left | Tilt | A | QPSK | 25 | 12 | 1:1 | 0.043 | 36.71 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




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Table A-7
DSI = 2 P_{Limit} Calculations – LTE Band 13 Head SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | |
|---------------------|-------|-----|-------------|-----------------|-----------------------|----------|-------|---------------|-----------------|------------|---------|-----------|------------|----------|--------|----------------|
| FREQUENCY | | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB] | Side | Test Position | Antenna Config. | Modulation | RB Size | RB Offset | Duty Cycle | SAR (1g) | Plimit | Overall Plimit |
| MHz | Ch. | Mid | | | | | | | | | | | | (W/kg) | | |
| 782.00 | 23230 | Mid | LTE Band 13 | 10 | 24.18 | 0 | Right | Cheek | A | QPSK | 1 | 0 | 1:1 | 0.270 | 29.87 | 29.87 |
| 782.00 | 23230 | Mid | LTE Band 13 | 10 | 23.08 | 1 | Right | Cheek | A | QPSK | 25 | 0 | 1:1 | 0.201 | 30.05 | |
| 782.00 | 23230 | Mid | LTE Band 13 | 10 | 24.18 | 0 | Right | Tilt | A | QPSK | 1 | 0 | 1:1 | 0.134 | 32.91 | |
| 782.00 | 23230 | Mid | LTE Band 13 | 10 | 23.08 | 1 | Right | Tilt | A | QPSK | 25 | 0 | 1:1 | 0.099 | 33.13 | |
| 782.00 | 23230 | Mid | LTE Band 13 | 10 | 24.18 | 0 | Left | Cheek | A | QPSK | 1 | 0 | 1:1 | 0.211 | 30.94 | |
| 782.00 | 23230 | Mid | LTE Band 13 | 10 | 23.08 | 1 | Left | Cheek | A | QPSK | 25 | 0 | 1:1 | 0.160 | 31.04 | |
| 782.00 | 23230 | Mid | LTE Band 13 | 10 | 24.18 | 0 | Left | Tilt | A | QPSK | 1 | 0 | 1:1 | 0.116 | 33.54 | |
| 782.00 | 23230 | Mid | LTE Band 13 | 10 | 23.08 | 1 | Left | Tilt | A | QPSK | 25 | 0 | 1:1 | 0.101 | 33.04 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-8
DSI = 2 P_{Limit} Calculations – LTE Band 26 Head SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | |
|---------------------|-------|-----|--------------------|-----------------|-----------------------|----------|-------|---------------|-----------------|------------|---------|-----------|------------|----------|--------|----------------|
| FREQUENCY | | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB] | Side | Test Position | Antenna Config. | Modulation | RB Size | RB Offset | Duty Cycle | SAR (1g) | Plimit | Overall Plimit |
| MHz | Ch. | Mid | | | | | | | | | | | | (W/kg) | | |
| 831.50 | 26865 | Mid | LTE Band 26 (Cell) | 15 | 24.13 | 0 | Right | Cheek | A | QPSK | 1 | 0 | 1:1 | 0.185 | 31.46 | 31.24 |
| 831.50 | 26865 | Mid | LTE Band 26 (Cell) | 15 | 23.12 | 1 | Right | Cheek | A | QPSK | 36 | 18 | 1:1 | 0.154 | 31.24 | |
| 831.50 | 26865 | Mid | LTE Band 26 (Cell) | 15 | 24.13 | 0 | Right | Tilt | A | QPSK | 1 | 0 | 1:1 | 0.098 | 34.24 | |
| 831.50 | 26865 | Mid | LTE Band 26 (Cell) | 15 | 23.12 | 1 | Right | Tilt | A | QPSK | 36 | 18 | 1:1 | 0.082 | 34.00 | |
| 831.50 | 26865 | Mid | LTE Band 26 (Cell) | 15 | 24.13 | 0 | Left | Cheek | A | QPSK | 1 | 0 | 1:1 | 0.162 | 32.03 | |
| 831.50 | 26865 | Mid | LTE Band 26 (Cell) | 15 | 23.12 | 1 | Left | Cheek | A | QPSK | 36 | 18 | 1:1 | 0.129 | 32.01 | |
| 831.50 | 26865 | Mid | LTE Band 26 (Cell) | 15 | 24.13 | 0 | Left | Tilt | A | QPSK | 1 | 0 | 1:1 | 0.115 | 33.52 | |
| 831.50 | 26865 | Mid | LTE Band 26 (Cell) | 15 | 23.12 | 1 | Left | Tilt | A | QPSK | 36 | 18 | 1:1 | 0.091 | 33.55 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-9
DSI = 2 P_{Limit} Calculations – LTE Band 66 Head SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | |
|---------------------|--------|-----|-------------------|-----------------|-----------------------|----------|-------|---------------|-----------------|------------|---------|-----------|------------|----------|--------|----------------|
| FREQUENCY | | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB] | Side | Test Position | Antenna Config. | Modulation | RB Size | RB Offset | Duty Cycle | SAR (1g) | Plimit | Overall Plimit |
| MHz | Ch. | Low | | | | | | | | | | | | (W/kg) | | |
| 1720.00 | 132072 | Low | LTE Band 66 (AWS) | 20 | 23.08 | 0 | Right | Cheek | A | QPSK | 1 | 50 | 1:1 | 0.099 | 33.12 | 30.52 |
| 1720.00 | 132072 | Low | LTE Band 66 (AWS) | 20 | 22.10 | 1 | Right | Cheek | A | QPSK | 50 | 25 | 1:1 | 0.054 | 34.78 | |
| 1720.00 | 132072 | Low | LTE Band 66 (AWS) | 20 | 23.08 | 0 | Right | Tilt | A | QPSK | 1 | 50 | 1:1 | 0.080 | 34.05 | |
| 1720.00 | 132072 | Low | LTE Band 66 (AWS) | 20 | 22.10 | 1 | Right | Tilt | A | QPSK | 50 | 25 | 1:1 | 0.057 | 34.54 | |
| 1720.00 | 132072 | Low | LTE Band 66 (AWS) | 20 | 23.08 | 0 | Left | Cheek | A | QPSK | 1 | 50 | 1:1 | 0.176 | 30.62 | |
| 1720.00 | 132072 | Low | LTE Band 66 (AWS) | 20 | 22.10 | 1 | Left | Cheek | A | QPSK | 50 | 25 | 1:1 | 0.144 | 30.52 | |
| 1720.00 | 132072 | Low | LTE Band 66 (AWS) | 20 | 23.08 | 0 | Left | Tilt | A | QPSK | 1 | 50 | 1:1 | 0.015 | 41.32 | |
| 1720.00 | 132072 | Low | LTE Band 66 (AWS) | 20 | 22.10 | 1 | Left | Tilt | A | QPSK | 50 | 25 | 1:1 | 0.011 | 41.69 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




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Table A-10
DSI = 2 P_{Limit} Calculations – LTE Band 4 Head SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | |
|---------------------|-------|-----|------------------|-----------------|-----------------------|----------|-------|---------------|-----------------|------------|---------|-----------|------------|----------|--------|----------------|
| FREQUENCY | | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB] | Side | Test Position | Antenna Config. | Modulation | RB Size | RB Offset | Duty Cycle | SAR (1g) | Plimit | Overall Plimit |
| MHz | Ch. | | | | | | | | | | | | | (W/kg) | | |
| 1732.50 | 20175 | Mid | LTE Band 4 (AWS) | 20 | 15.32 | 0 | Right | Cheek | I | QPSK | 1 | 50 | 1:1 | 0.157 | 23.36 | 19.79 |
| 1732.50 | 20175 | Mid | LTE Band 4 (AWS) | 20 | 15.10 | 0 | Right | Cheek | I | QPSK | 50 | 25 | 1:1 | 0.154 | 23.22 | |
| 1732.50 | 20175 | Mid | LTE Band 4 (AWS) | 20 | 15.32 | 0 | Right | Tilt | I | QPSK | 1 | 50 | 1:1 | 0.240 | 21.52 | |
| 1732.50 | 20175 | Mid | LTE Band 4 (AWS) | 20 | 15.10 | 0 | Right | Tilt | I | QPSK | 50 | 25 | 1:1 | 0.241 | 21.28 | |
| 1732.50 | 20175 | Mid | LTE Band 4 (AWS) | 20 | 15.32 | 0 | Left | Cheek | I | QPSK | 1 | 50 | 1:1 | 0.265 | 21.09 | |
| 1732.50 | 20175 | Mid | LTE Band 4 (AWS) | 20 | 15.10 | 0 | Left | Cheek | I | QPSK | 50 | 25 | 1:1 | 0.266 | 20.85 | |
| 1732.50 | 20175 | Mid | LTE Band 4 (AWS) | 20 | 15.32 | 0 | Left | Tilt | I | QPSK | 1 | 50 | 1:1 | 0.334 | 20.08 | |
| 1732.50 | 20175 | Mid | LTE Band 4 (AWS) | 20 | 15.10 | 0 | Left | Tilt | I | QPSK | 50 | 25 | 1:1 | 0.340 | 19.79 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-11
DSI = 2 P_{Limit} Calculations – LTE Band 25 Head SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | |
|---------------------|-------|-----|-------------------|-----------------|-----------------------|----------|-------|---------------|-----------------|------------|---------|-----------|------------|----------|--------|----------------|
| FREQUENCY | | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB] | Side | Test Position | Antenna Config. | Modulation | RB Size | RB Offset | Duty Cycle | SAR (1g) | Plimit | Overall Plimit |
| MHz | Ch. | | | | | | | | | | | | | (W/kg) | | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 22.66 | 0 | Right | Cheek | A | QPSK | 1 | 50 | 1:1 | 0.095 | 32.88 | 29.61 |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 21.48 | 1 | Right | Cheek | A | QPSK | 50 | 25 | 1:1 | 0.078 | 32.56 | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 22.66 | 0 | Right | Tilt | A | QPSK | 1 | 50 | 1:1 | 0.054 | 35.34 | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 21.48 | 1 | Right | Tilt | A | QPSK | 50 | 25 | 1:1 | 0.043 | 35.15 | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 22.66 | 0 | Left | Cheek | A | QPSK | 1 | 50 | 1:1 | 0.202 | 29.61 | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 21.48 | 1 | Left | Cheek | A | QPSK | 50 | 25 | 1:1 | 0.146 | 29.84 | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 22.66 | 0 | Left | Tilt | A | QPSK | 1 | 50 | 1:1 | 0.062 | 34.74 | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 21.48 | 1 | Left | Tilt | A | QPSK | 50 | 25 | 1:1 | 0.031 | 36.57 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-12
DSI = 2 P_{Limit} Calculations – LTE Band 41 Head SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | |
|---------------------|-------|------|-------------|-----------------|-----------------------|----------|-------|---------------|-----------------|------------|---------|-----------|------------|----------|--------|----------------|
| FREQUENCY | | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB] | Side | Test Position | Antenna Config. | Modulation | RB Size | RB Offset | Duty Cycle | SAR (1g) | Plimit | Overall Plimit |
| MHz | Ch. | | | | | | | | | | | | | (W/kg) | | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 23.66 | 0 | Right | Cheek | B | QPSK | 1 | 50 | 1:1.58 | 0.013 | 40.54 | 38.67 |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 22.61 | 1 | Right | Cheek | B | QPSK | 50 | 50 | 1:1.58 | 0.011 | 40.21 | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 23.66 | 0 | Right | Tilt | B | QPSK | 1 | 50 | 1:1.58 | 0.012 | 40.88 | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 22.61 | 1 | Right | Tilt | B | QPSK | 50 | 50 | 1:1.58 | 0.008 | 41.60 | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 23.66 | 0 | Left | Cheek | B | QPSK | 1 | 50 | 1:1.58 | 0.019 | 38.89 | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 22.61 | 1 | Left | Cheek | B | QPSK | 50 | 50 | 1:1.58 | 0.014 | 39.16 | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 23.66 | 0 | Left | Tilt | B | QPSK | 1 | 50 | 1:1.58 | 0.020 | 38.67 | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 22.61 | 1 | Left | Tilt | B | QPSK | 50 | 50 | 1:1.58 | 0.014 | 39.16 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




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Table A-13
DSI = 2 P_{Limit} Calculations – NR Band n5 Head SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | | |
|---------------------|--------|------|-------------------|-----------------------|----------------|----------|------|---------------|----------|------------|---------|-----------|------------|----------|--------|----------------|-------|
| FREQUENCY | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB] | Side | Test Position | Waveform | Modulation | RB Size | RB Offset | Duty Cycle | SAR (1g) | Plimit | Overall Plimit | |
| MHz | Ch. | | | | | | | | | | | | | (W/kg) | | | |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 24.30 | A | 0 | Right | Cheek | DFT-S-OFDM | QPSK | 1 | 1 | 1:1 | 0.210 | 31.08 | 30.95 |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 24.25 | A | 0 | Right | Cheek | DFT-S-OFDM | QPSK | 50 | 28 | 1:1 | 0.209 | 31.05 | |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 24.30 | A | 0 | Right | Tilt | DFT-S-OFDM | QPSK | 1 | 1 | 1:1 | 0.133 | 33.06 | |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 24.25 | A | 0 | Right | Tilt | DFT-S-OFDM | QPSK | 50 | 28 | 1:1 | 0.128 | 33.18 | |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 24.30 | A | 0 | Left | Cheek | DFT-S-OFDM | QPSK | 1 | 1 | 1:1 | 0.182 | 31.70 | |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 24.25 | A | 0 | Left | Cheek | DFT-S-OFDM | QPSK | 50 | 28 | 1:1 | 0.214 | 30.95 | |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 22.68 | A | 1.5 | Left | Cheek | CP-OFDM | QPSK | 1 | 1 | 1:1 | 0.130 | 31.54 | |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 24.30 | A | 0 | Left | Tilt | DFT-S-OFDM | QPSK | 1 | 1 | 1:1 | 0.166 | 32.10 | |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 24.25 | A | 0 | Left | Tilt | DFT-S-OFDM | QPSK | 50 | 28 | 1:1 | 0.171 | 31.92 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-14
DSI = 2 P_{Limit} Calculations – NR Band n66 Head SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | | |
|---------------------|--------|------|-------------------|-----------------------|----------------|----------|------|---------------|----------|------------|---------|-----------|------------|----------|--------|----------------|-------|
| FREQUENCY | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB] | Side | Test Position | Waveform | Modulation | RB Size | RB Offset | Duty Cycle | SAR (1g) | Plimit | Overall Plimit | |
| MHz | Ch. | | | | | | | | | | | | | (W/kg) | | | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 23.77 | A | 0 | Right | Cheek | DFT-S-OFDM | QPSK | 1 | 53 | 1:1 | 0.089 | 34.28 | 30.55 |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 23.70 | A | 0 | Right | Cheek | DFT-S-OFDM | QPSK | 50 | 28 | 1:1 | 0.092 | 34.06 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 23.77 | A | 0 | Right | Tilt | DFT-S-OFDM | QPSK | 1 | 53 | 1:1 | 0.090 | 34.23 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 23.70 | A | 0 | Right | Tilt | DFT-S-OFDM | QPSK | 50 | 28 | 1:1 | 0.089 | 34.21 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 23.77 | A | 0 | Left | Cheek | DFT-S-OFDM | QPSK | 1 | 53 | 1:1 | 0.173 | 31.39 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 23.70 | A | 0 | Left | Cheek | DFT-S-OFDM | QPSK | 50 | 28 | 1:1 | 0.182 | 31.10 | |
| 1770.00 | 354000 | High | NR Band n66 (AWS) | 20 | 22.22 | A | 1.5 | Left | Cheek | CP-OFDM | QPSK | 1 | 1 | 1:1 | 0.147 | 30.55 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 23.77 | A | 0 | Left | Tilt | DFT-S-OFDM | QPSK | 1 | 53 | 1:1 | 0.078 | 34.85 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 23.70 | A | 0 | Left | Tilt | DFT-S-OFDM | QPSK | 50 | 28 | 1:1 | 0.075 | 34.95 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 18.71 | I | 0 | Right | Cheek | DFT-S-OFDM | QPSK | 1 | 1 | 1:1 | 0.345 | 23.33 | 20.11 |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 18.65 | I | 0 | Right | Cheek | DFT-S-OFDM | QPSK | 50 | 28 | 1:1 | 0.326 | 23.52 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 18.71 | I | 0 | Right | Tilt | DFT-S-OFDM | QPSK | 1 | 1 | 1:1 | 0.493 | 21.78 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 18.65 | I | 0 | Right | Tilt | DFT-S-OFDM | QPSK | 50 | 28 | 1:1 | 0.474 | 21.89 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 18.71 | I | 0 | Left | Cheek | DFT-S-OFDM | QPSK | 1 | 1 | 1:1 | 0.578 | 21.09 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 18.65 | I | 0 | Left | Cheek | DFT-S-OFDM | QPSK | 50 | 28 | 1:1 | 0.555 | 21.21 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 18.71 | I | 0 | Left | Tilt | DFT-S-OFDM | QPSK | 1 | 1 | 1:1 | 0.724 | 20.11 | |
| 1745.00 | 349000 | Mid | NR Band n66 (AWS) | 20 | 18.61 | I | 0 | Left | Tilt | DFT-S-OFDM | QPSK | 1 | 1 | 1:1 | 0.654 | 20.45 | |
| 1770.00 | 354000 | High | NR Band n66 (AWS) | 20 | 18.49 | I | 0 | Left | Tilt | DFT-S-OFDM | QPSK | 1 | 1 | 1:1 | 0.574 | 20.90 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 18.65 | I | 0 | Left | Tilt | DFT-S-OFDM | QPSK | 50 | 28 | 1:1 | 0.658 | 20.47 | |
| 1745.00 | 349000 | Mid | NR Band n66 (AWS) | 20 | 18.45 | I | 0 | Left | Tilt | CP-OFDM | QPSK | 1 | 1 | 1:1 | 0.649 | 20.33 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




| | | | | |
|------------------------------------|--|-----------------------------|---|---------------------------------|
| FCC ID: A3LSMS906E |  Proud to be part of  | PART 0 SAR CHAR REPORT |  | Approved by: Quality Manager |
| Test Dates: 02/07/22 - 03/25/22 | DUT Type: Portable Handset | APPENDIX A: Page 5 of 34 | | |

Table A-15
DSI = 2 P_{Limit} Calculations – NR Band n25 Head SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | | |
|---------------------|--------|------|-------------------|-----------------------|----------------|----------|------|---------------|----------|------------|---------|-----------|------------|----------|--------|----------------|-------|
| FREQUENCY | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB] | Side | Test Position | Waveform | Modulation | RB Size | RB Offset | Duty Cycle | SAR (1g) | Plimit | Overall Plimit | |
| MHz | Ch. | | | | | | | | | | | | | (W/kg) | | | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 23.33 | A | 0 | Right | Cheek | DFT-S-OFDM | QPSK | 1 | 53 | 1:1 | 0.080 | 34.30 | 31.43 |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 23.47 | A | 0 | Right | Cheek | DFT-S-OFDM | QPSK | 50 | 28 | 1:1 | 0.093 | 33.79 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 23.33 | A | 0 | Right | Tilt | DFT-S-OFDM | QPSK | 1 | 53 | 1:1 | 0.071 | 34.82 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 23.47 | A | 0 | Right | Tilt | DFT-S-OFDM | QPSK | 50 | 28 | 1:1 | 0.073 | 34.84 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 23.33 | A | 0 | Left | Cheek | DFT-S-OFDM | QPSK | 1 | 53 | 1:1 | 0.155 | 31.43 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 23.47 | A | 0 | Left | Cheek | DFT-S-OFDM | QPSK | 50 | 28 | 1:1 | 0.154 | 31.59 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 21.79 | A | 1.5 | Left | Cheek | CP-OFDM | QPSK | 1 | 1 | 1:1 | 0.103 | 31.66 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 23.33 | A | 0 | Left | Tilt | DFT-S-OFDM | QPSK | 1 | 53 | 1:1 | 0.043 | 37.00 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 23.47 | A | 0 | Left | Tilt | DFT-S-OFDM | QPSK | 50 | 28 | 1:1 | 0.048 | 36.66 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-16
DSI = 2 P_{Limit} Calculations – NR Band n41 Head SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | | |
|---------------------|--------|------|-----------------|-----------------------|----------------|----------|------|---------------|----------|------------|---------|-----------|------------|----------|--------|----------------|-------|
| FREQUENCY | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB] | Side | Test Position | Waveform | Modulation | RB Size | RB Offset | Duty Cycle | SAR (1g) | Plimit | Overall Plimit | |
| MHz | Ch. | | | | | | | | | | | | | (W/kg) | | | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 16.37 | I | 0 | Right | Cheek | DFT-S-OFDM | QPSK | 1 | 137 | 1:1 | 0.269 | 22.07 | 17.18 |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 16.24 | I | 0 | Right | Cheek | DFT-S-OFDM | QPSK | 135 | 69 | 1:1 | 0.264 | 22.02 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 16.37 | I | 0 | Right | Tilt | DFT-S-OFDM | QPSK | 1 | 137 | 1:1 | 0.419 | 20.15 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 16.24 | I | 0 | Right | Tilt | DFT-S-OFDM | QPSK | 135 | 69 | 1:1 | 0.403 | 20.19 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 16.37 | I | 0 | Left | Cheek | DFT-S-OFDM | QPSK | 1 | 137 | 1:1 | 0.555 | 18.93 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 16.24 | I | 0 | Left | Cheek | DFT-S-OFDM | QPSK | 135 | 69 | 1:1 | 0.536 | 18.95 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 16.10 | I | 0 | Left | Cheek | DFT-S-OFDM | QPSK | 270 | 0 | 1:1 | 0.521 | 18.93 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 16.37 | I | 0 | Left | Tilt | DFT-S-OFDM | QPSK | 1 | 137 | 1:1 | 0.701 | 17.91 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 16.24 | I | 0 | Left | Tilt | DFT-S-OFDM | QPSK | 135 | 69 | 1:1 | 0.700 | 17.79 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 16.10 | I | 0 | Left | Tilt | DFT-S-OFDM | QPSK | 270 | 0 | 1:1 | 0.699 | 17.66 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 15.91 | I | 0 | Left | Tilt | CP-OFDM | QPSK | 1 | 1 | 1:1 | 0.747 | 17.18 | 32.96 |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 16.58 | B | N/A | Right | Cheek | CW/SRS | N/A | N/A | N/A | 1:1 | 0.011 | 36.17 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 16.58 | B | N/A | Right | Tilt | CW/SRS | N/A | N/A | N/A | 1:1 | 0.001 | 46.58 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 16.58 | B | N/A | Left | Cheek | CW/SRS | N/A | N/A | N/A | 1:1 | 0.012 | 35.79 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 16.58 | B | N/A | Left | Tilt | CW/SRS | N/A | N/A | N/A | 1:1 | 0.023 | 32.96 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 13.41 | E | N/A | Right | Cheek | CW/SRS | N/A | N/A | N/A | 1:1 | 0.110 | 23.00 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 13.41 | E | N/A | Right | Tilt | CW/SRS | N/A | N/A | N/A | 1:1 | 0.059 | 25.70 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 13.41 | E | N/A | Left | Cheek | CW/SRS | N/A | N/A | N/A | 1:1 | 0.062 | 25.49 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 13.41 | E | N/A | Left | Tilt | CW/SRS | N/A | N/A | N/A | 1:1 | 0.054 | 26.09 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 14.09 | D | N/A | Right | Cheek | CW/SRS | N/A | N/A | N/A | 1:1 | 0.009 | 34.55 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 14.09 | D | N/A | Right | Tilt | CW/SRS | N/A | N/A | N/A | 1:1 | 0.010 | 34.09 | 30.67 |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 14.09 | D | N/A | Left | Cheek | CW/SRS | N/A | N/A | N/A | 1:1 | 0.016 | 32.05 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 14.09 | D | N/A | Left | Tilt | CW/SRS | N/A | N/A | N/A | 1:1 | 0.022 | 30.67 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




| | | | | |
|------------------------------------|--|------------------------|---|---------------------------------|
| FCC ID: A3LSMS906E |  Proud to be part of  | PART 0 SAR CHAR REPORT |  | Approved by: Quality Manager |
| Test Dates: 02/07/22 - 03/25/22 | DUT Type: Portable Handset | | | APPENDIX A: Page 6 of 34 |

Table A-17
DSI = 2 P_{Limit} Calculations – NR Band n77 Head SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | | |
|---------------------|--------|------|-----------------|-----------------------|----------------|----------|------|---------------|----------|------------|---------|-----------|------------|----------|---------|----------------|-------|
| FREQUENCY | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB] | Side | Test Position | Waveform | Modulation | RB Size | RB Offset | Duty Cycle | SAR (1g) | Plim it | Overall Plimit | |
| MHz | Ch. | | | | | | | | | | | | | (W/kg) | | | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 12.86 | F | 0 | Right | Cheek | DFT-S-OFDM | QPSK | 1 | 1 | 1:1 | 0.339 | 17.56 | 17.50 |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 12.81 | F | 0 | Right | Cheek | DFT-S-OFDM | QPSK | 135 | 0 | 1:1 | 0.336 | 17.55 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 12.61 | F | 0 | Right | Cheek | CP-OFDM | QPSK | 1 | 1 | 1:1 | 0.324 | 17.50 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 12.86 | F | 0 | Right | Tilt | DFT-S-OFDM | QPSK | 1 | 1 | 1:1 | 0.164 | 20.71 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 12.81 | F | 0 | Right | Tilt | DFT-S-OFDM | QPSK | 135 | 0 | 1:1 | 0.174 | 20.40 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 12.86 | F | 0 | Left | Cheek | DFT-S-OFDM | QPSK | 1 | 1 | 1:1 | 0.142 | 21.34 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 12.81 | F | 0 | Left | Cheek | DFT-S-OFDM | QPSK | 135 | 0 | 1:1 | 0.129 | 21.70 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 12.86 | F | 0 | Left | Tilt | DFT-S-OFDM | QPSK | 1 | 1 | 1:1 | 0.124 | 21.93 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 12.81 | F | 0 | Left | Tilt | DFT-S-OFDM | QPSK | 135 | 0 | 1:1 | 0.135 | 21.51 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.57 | C | N/A | Right | Cheek | CW/SRS | N/A | N/A | N/A | 1:1 | 0.011 | 35.16 | 27.79 |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.57 | C | N/A | Right | Tilt | CW/SRS | N/A | N/A | N/A | 1:1 | 0.015 | 33.81 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.57 | C | N/A | Left | Cheek | CW/SRS | N/A | N/A | N/A | 1:1 | 0.060 | 27.79 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.57 | C | N/A | Left | Tilt | CW/SRS | N/A | N/A | N/A | 1:1 | 0.018 | 33.02 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 14.55 | H | N/A | Right | Cheek | CW/SRS | N/A | N/A | N/A | 1:1 | 0.000 | 54.55 | 54.55 |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 14.55 | H | N/A | Right | Tilt | CW/SRS | N/A | N/A | N/A | 1:1 | 0.000 | 54.55 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 14.55 | H | N/A | Left | Cheek | CW/SRS | N/A | N/A | N/A | 1:1 | 0.000 | 54.55 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 14.55 | H | N/A | Left | Tilt | CW/SRS | N/A | N/A | N/A | 1:1 | 0.000 | 54.55 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.08 | D | N/A | Right | Cheek | CW/SRS | N/A | N/A | N/A | 1:1 | 0.000 | 55.08 | 55.08 |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.08 | D | N/A | Right | Tilt | CW/SRS | N/A | N/A | N/A | 1:1 | 0.000 | 55.08 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.08 | D | N/A | Left | Cheek | CW/SRS | N/A | N/A | N/A | 1:1 | 0.000 | 55.08 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.08 | D | N/A | Left | Tilt | CW/SRS | N/A | N/A | N/A | 1:1 | 0.000 | 55.08 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 13.44 | F | 0 | Right | Cheek | DFT-S-OFDM | QPSK | 1 | 271 | 1:1 | 0.337 | 18.16 | 17.63 |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 13.24 | F | 0 | Right | Cheek | DFT-S-OFDM | QPSK | 135 | 138 | 1:1 | 0.334 | 18.00 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 12.83 | F | 0 | Right | Cheek | CP-OFDM | QPSK | 1 | 1 | 1:1 | 0.331 | 17.63 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 13.44 | F | 0 | Right | Tilt | DFT-S-OFDM | QPSK | 1 | 271 | 1:1 | 0.174 | 21.03 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 13.24 | F | 0 | Right | Tilt | DFT-S-OFDM | QPSK | 135 | 138 | 1:1 | 0.170 | 20.94 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 13.44 | F | 0 | Left | Cheek | DFT-S-OFDM | QPSK | 1 | 271 | 1:1 | 0.176 | 20.98 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 13.24 | F | 0 | Left | Cheek | DFT-S-OFDM | QPSK | 135 | 138 | 1:1 | 0.180 | 20.69 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 13.44 | F | 0 | Left | Tilt | DFT-S-OFDM | QPSK | 1 | 271 | 1:1 | 0.170 | 21.14 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 13.24 | F | 0 | Left | Tilt | DFT-S-OFDM | QPSK | 135 | 138 | 1:1 | 0.169 | 20.96 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.53 | C | N/A | Right | Cheek | CW/SRS | N/A | N/A | N/A | 1:1 | 0.042 | 30.30 | 27.34 |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.53 | C | N/A | Right | Tilt | CW/SRS | N/A | N/A | N/A | 1:1 | 0.046 | 29.90 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.53 | C | N/A | Left | Cheek | CW/SRS | N/A | N/A | N/A | 1:1 | 0.083 | 27.34 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.53 | C | N/A | Left | Tilt | CW/SRS | N/A | N/A | N/A | 1:1 | 0.014 | 35.07 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 15.46 | H | N/A | Right | Cheek | CW/SRS | N/A | N/A | N/A | 1:1 | 0.000 | 55.46 | 55.46 |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 15.46 | H | N/A | Right | Tilt | CW/SRS | N/A | N/A | N/A | 1:1 | 0.000 | 55.46 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 15.46 | H | N/A | Left | Cheek | CW/SRS | N/A | N/A | N/A | 1:1 | 0.000 | 55.46 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 15.46 | H | N/A | Left | Tilt | CW/SRS | N/A | N/A | N/A | 1:1 | 0.000 | 55.46 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.26 | D | N/A | Right | Cheek | CW/SRS | N/A | N/A | N/A | 1:1 | 0.000 | 56.26 | 56.26 |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.26 | D | N/A | Right | Tilt | CW/SRS | N/A | N/A | N/A | 1:1 | 0.000 | 56.26 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.26 | D | N/A | Left | Cheek | CW/SRS | N/A | N/A | N/A | 1:1 | 0.000 | 56.26 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.26 | D | N/A | Left | Tilt | CW/SRS | N/A | N/A | N/A | 1:1 | 0.000 | 56.26 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




| | | | | |
|------------------------------------|---|------------------------|---|---------------------------------|
| FCC ID: A3LSMS906E |  PCTEST Proud to be part of  | PART 0 SAR CHAR REPORT |  | Approved by: Quality Manager |
| Test Dates: 02/07/22 - 03/25/22 | DUT Type: Portable Handset | | | APPENDIX A: Page 7 of 34 |

Table A-18
DSI = 0 P_{Limit} Calculations – GSM Body-Worn SAR

| MEASUREMENT RESULTS | | | | | | | | | | | |
|---------------------|-----|----------|---------|-----------------------|---------|-----------------|------------|------|----------|--------|----------------|
| FREQUENCY | | Mode | Service | Conducted Power [dBm] | Spacing | Antenna Config. | Duty Cycle | Side | SAR (1g) | Plimit | Overall Plimit |
| MHz | Ch. | | | | | | | | (W/kg) | | |
| 848.80 | 251 | GSM 850 | GSM | 31.68 | 15 mm | A | 1:1 | back | 0.178 | 29.97 | 29.97 |
| 1880.00 | 661 | GSM 1900 | GSM | 29.16 | 15 mm | A | 1:1 | back | 0.216 | 26.61 | 26.61 |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-19
DSI = 0 P_{Limit} Calculations – UMTS Body-Worn SAR

| MEASUREMENT RESULTS | | | | | | | | | | | |
|---------------------|------|-----------|---------|-----------------------|---------|-----------------|------------|------|----------|--------|----------------|
| FREQUENCY | | Mode | Service | Conducted Power [dBm] | Spacing | Antenna Config. | Duty Cycle | Side | SAR (1g) | Plimit | Overall Plimit |
| MHz | Ch. | | | | | | | | (W/kg) | | |
| 846.60 | 4233 | UMTS 850 | RMC | 24.21 | 15 mm | A | 1:1 | back | 0.267 | 29.94 | 29.94 |
| 1712.40 | 1312 | UMTS 1750 | RMC | 22.94 | 15 mm | A | 1:1 | back | 0.721 | 24.36 | 24.29 |
| 1732.40 | 1412 | UMTS 1750 | RMC | 23.28 | 15 mm | A | 1:1 | back | 0.730 | 24.65 | |
| 1752.60 | 1513 | UMTS 1750 | RMC | 23.26 | 15 mm | A | 1:1 | back | 0.789 | 24.29 | |
| 1852.40 | 9262 | UMTS 1900 | RMC | 22.99 | 15 mm | A | 1:1 | back | 0.661 | 24.79 | 24.79 |
| 1880.00 | 9400 | UMTS 1900 | RMC | 23.03 | 15 mm | A | 1:1 | back | 0.651 | 24.89 | |
| 1907.60 | 9538 | UMTS 1900 | RMC | 23.01 | 15 mm | A | 1:1 | back | 0.643 | 24.93 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




| | | | | |
|------------------------------------|--|------------------------|---|---------------------------------|
| FCC ID: A3LSMS906E |  Proud to be part of  | PART 0 SAR CHAR REPORT |  | Approved by: Quality Manager |
| Test Dates: 02/07/22 - 03/25/22 | DUT Type: Portable Handset | | | APPENDIX A: Page 8 of 34 |

Table A-20
DSI = 0 P_{Limit} Calculations – LTE Body-Worn SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | |
|---------------------|--------|------|--------------------|-----------------------|----------|-----------------|------------|---------|-----------|---------|-------|------------|----------|--------|----------------|-------|
| FREQUENCY | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB] | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (1g) | Plimit | Overall Plimit | |
| MHz | Ch. | | | | | | | | | | | | (W/kg) | | | |
| 707.50 | 23095 | Mid | LTE Band 12 | 10 | 24.13 | 0 | A | QPSK | 1 | 0 | 15 mm | back | 1:1 | 0.179 | 31.60 | 31.17 |
| 707.50 | 23095 | Mid | LTE Band 12 | 10 | 23.07 | 1 | A | QPSK | 25 | 12 | 15 mm | back | 1:1 | 0.155 | 31.17 | |
| 782.00 | 23230 | Mid | LTE Band 13 | 10 | 24.18 | 0 | A | QPSK | 1 | 0 | 15 mm | back | 1:1 | 0.275 | 29.79 | 29.70 |
| 782.00 | 23230 | Mid | LTE Band 13 | 10 | 23.08 | 1 | A | QPSK | 25 | 0 | 15 mm | back | 1:1 | 0.218 | 29.70 | |
| 831.50 | 26865 | Mid | LTE Band 26 (Cell) | 15 | 24.13 | 0 | A | QPSK | 1 | 0 | 15 mm | back | 1:1 | 0.204 | 31.03 | 30.95 |
| 831.50 | 26865 | Mid | LTE Band 26 (Cell) | 15 | 23.12 | 1 | A | QPSK | 36 | 18 | 15 mm | back | 1:1 | 0.165 | 30.95 | |
| 1720.00 | 132072 | Low | LTE Band 66 (AWS) | 20 | 23.08 | 0 | A | QPSK | 1 | 50 | 15 mm | back | 1:1 | 0.506 | 26.04 | 25.98 |
| 1720.00 | 132072 | Low | LTE Band 66 (AWS) | 20 | 22.10 | 1 | A | QPSK | 50 | 25 | 15 mm | back | 1:1 | 0.409 | 25.98 | |
| 1732.50 | 20175 | Mid | LTE Band 4 (AWS) | 20 | 20.26 | 0 | I | QPSK | 1 | 50 | 15 mm | back | 1:1 | 0.139 | 28.83 | 28.83 |
| 1732.50 | 20175 | Mid | LTE Band 4 (AWS) | 20 | 19.21 | 1 | I | QPSK | 50 | 25 | 15 mm | back | 1:1 | 0.109 | 28.84 | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 22.66 | 0 | A | QPSK | 1 | 50 | 15 mm | back | 1:1 | 0.690 | 24.27 | 24.10 |
| 1882.50 | 26365 | Mid | LTE Band 25 (PCS) | 20 | 22.65 | 0 | A | QPSK | 1 | 50 | 15 mm | back | 1:1 | 0.642 | 24.57 | |
| 1905.00 | 26590 | High | LTE Band 25 (PCS) | 20 | 22.48 | 0 | A | QPSK | 1 | 50 | 15 mm | back | 1:1 | 0.661 | 24.28 | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 21.48 | 1 | A | QPSK | 50 | 25 | 15 mm | back | 1:1 | 0.547 | 24.10 | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 21.40 | 1 | A | QPSK | 100 | 0 | 15 mm | back | 1:1 | 0.529 | 24.17 | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 23.66 | 0 | B | QPSK | 1 | 50 | 15 mm | back | 1:1.58 | 0.088 | 32.23 | 31.93 |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 22.61 | 1 | B | QPSK | 50 | 50 | 15 mm | back | 1:1.58 | 0.074 | 31.93 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-21
DSI = 0 P_{Limit} Calculations – 5G Body-Worn SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | |
|---------------------|--------|------|-------------------|-----------------------|-----------------|----------|------------|------------|---------|-----------|---------|------|------------|----------|--------|----------------|
| FREQUENCY | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config. | MPR [dB] | Waveform | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (1g) | Plimit | Overall Plimit |
| MHz | Ch. | | | | | | | | | | | | | (W/kg) | | |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 24.30 | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 15 mm | back | 1:1 | 0.234 | 30.61 | 30.61 |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 24.25 | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 15 mm | back | 1:1 | 0.222 | 30.79 | |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 22.68 | 1.5 | CP-OFDM | QPSK | 1 | 1 | 15 mm | back | 1:1 | 0.161 | 30.61 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 23.77 | 0 | DFT-S-OFDM | QPSK | 1 | 53 | 15 mm | back | 1:1 | 0.437 | 27.37 | 26.15 |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 23.70 | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 15 mm | back | 1:1 | 0.439 | 27.28 | |
| 1770.00 | 354000 | High | NR Band n66 (AWS) | 20 | 22.22 | 1.5 | CP-OFDM | QPSK | 1 | 1 | 15 mm | back | 1:1 | 0.405 | 26.15 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 21.45 | 1 | DFT-S-OFDM | QPSK | 1 | 1 | 15 mm | back | 1:1 | 0.169 | 29.17 | 28.52 |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 21.40 | 1 | DFT-S-OFDM | QPSK | 50 | 28 | 15 mm | back | 1:1 | 0.176 | 28.94 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 20.85 | 1.5 | CP-OFDM | QPSK | 1 | 1 | 15 mm | back | 1:1 | 0.171 | 28.52 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 23.33 | 0 | DFT-S-OFDM | QPSK | 1 | 53 | 15 mm | back | 1:1 | 0.606 | 25.51 | 25.48 |
| 1860.00 | 372000 | Low | NR Band n25 (PCS) | 20 | 23.39 | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 15 mm | back | 1:1 | 0.508 | 26.33 | |
| 1882.50 | 376500 | Mid | NR Band n25 (PCS) | 20 | 23.41 | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 15 mm | back | 1:1 | 0.598 | 25.64 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 23.47 | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 15 mm | back | 1:1 | 0.630 | 25.48 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 21.79 | 1.5 | CP-OFDM | QPSK | 1 | 1 | 15 mm | back | 1:1 | 0.414 | 25.62 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




| | | | | |
|------------------------------------|--|------------------------|---|---------------------------------|
| FCC ID: A3LSMS906E |  Proud to be part of  | PART 0 SAR CHAR REPORT |  | Approved by: Quality Manager |
| Test Dates: 02/07/22 - 03/25/22 | DUT Type: Portable Handset | | | APPENDIX A: Page 9 of 34 |

Table A-22
DSI = 0 P_{Limit} Calculations – 5G n41 Body-Worn SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | | |
|---------------------|--------|------|-----------------|-----------------------|----------------|----------|----------|------------|---------|-----------|---------|-------|------------|----------|--------|----------------|-------|
| FREQUENCY | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB] | Waveform | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (1g) | Plimit | Overall Plimit | |
| MHz | Ch. | | | | | | | | | | | | | (W/kg) | | | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 18.89 | I | 0 | DFT-S-OFDM | QPSK | 1 | 137 | 15 mm | back | 1:1 | 0.077 | 30.03 | 29.17 |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 18.78 | I | 0 | DFT-S-OFDM | QPSK | 135 | 69 | 15 mm | back | 1:1 | 0.079 | 29.80 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 18.41 | I | 0 | CP-OFDM | QPSK | 1 | 1 | 15 mm | back | 1:1 | 0.084 | 29.17 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 16.58 | B | N/A | CW/SRS | N/A | N/A | N/A | 15 mm | back | 1:1 | 0.053 | 29.34 | 29.34 |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 13.41 | E | N/A | CW/SRS | N/A | N/A | N/A | 15 mm | back | 1:1 | 0.008 | 34.38 | 34.38 |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 14.09 | D | N/A | CW/SRS | N/A | N/A | N/A | 15 mm | back | 1:1 | 0.013 | 32.95 | 32.95 |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-23
DSI = 0 P_{Limit} Calculations – 5G n77 Body-Worn SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | | |
|---------------------|--------|------|-----------------|-----------------------|----------------|----------|----------|------------|---------|-----------|---------|-------|------------|----------|--------|----------------|-------|
| FREQUENCY | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB] | Waveform | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (1g) | Plimit | Overall Plimit | |
| MHz | Ch. | | | | | | | | | | | | | (W/kg) | | | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 18.35 | F | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 15 mm | back | 1:1 | 0.116 | 27.71 | 27.63 |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 18.24 | F | 0 | DFT-S-OFDM | QPSK | 135 | 0 | 15 mm | back | 1:1 | 0.113 | 27.71 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 18.08 | F | 0 | CP-OFDM | QPSK | 1 | 1 | 15 mm | back | 1:1 | 0.111 | 27.63 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.57 | C | N/A | CW/SRS | N/A | N/A | N/A | 15 mm | back | 1:1 | 0.053 | 28.33 | 28.33 |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 17.41 | H | N/A | CW/SRS | N/A | N/A | N/A | 15 mm | back | 1:1 | 0.011 | 37.00 | 37.00 |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.08 | D | N/A | CW/SRS | N/A | N/A | N/A | 15 mm | back | 1:1 | 0.220 | 21.66 | 21.66 |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 18.98 | F | 0 | DFT-S-OFDM | QPSK | 1 | 137 | 15 mm | back | 1:1 | 0.156 | 27.05 | 26.98 |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 18.93 | F | 0 | DFT-S-OFDM | QPSK | 135 | 69 | 15 mm | back | 1:1 | 0.137 | 27.56 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 18.28 | F | 0 | CP-OFDM | QPSK | 1 | 1 | 15 mm | back | 1:1 | 0.135 | 26.98 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.53 | C | N/A | CW/SRS | N/A | N/A | N/A | 15 mm | back | 1:1 | 0.079 | 27.55 | 27.55 |
| 3930.00 | 662000 | High | NR Band n77 | 100 | 17.89 | H | N/A | CW/SRS | N/A | N/A | N/A | 15 mm | back | 1:1 | 0.022 | 34.47 | 34.47 |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.26 | D | N/A | CW/SRS | N/A | N/A | N/A | 15 mm | back | 1:1 | 0.102 | 26.17 | 26.17 |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




| | | | | |
|------------------------------------|--|------------------------------|---|---------------------------------|
| FCC ID: A3LSMS906E |  Proud to be part of  | PART 0 SAR CHAR REPORT |  | Approved by: Quality Manager |
| Test Dates: 02/07/22 - 03/25/22 | DUT Type: Portable Handset | APPENDIX A: Page 10 of 34 | | |

Table A-24
DSI = 3 P_{Limit} Calculations – GPRS Hotspot SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | |
|---------------------|-----|----------|---------|-----------------------|---------|-----------------|-----------------|------------|--------|----------|--------------------|----------------------------|
| FREQUENCY | | Mode | Service | Conducted Power [dBm] | Spacing | Antenna Config. | # of Time Slots | Duty Cycle | Side | SAR (1g) | P _{limit} | Overall P _{limit} |
| MHz | Ch. | | | | | | | | | (W/kg) | | |
| 824.20 | 128 | GSM 850 | GPRS | 28.84 | 10 mm | A | 3 | 1:2.76 | back | 0.461 | 27.77 | 27.77 |
| 836.60 | 190 | GSM 850 | GPRS | 29.09 | 10 mm | A | 3 | 1:2.76 | back | 0.449 | 28.14 | |
| 848.80 | 251 | GSM 850 | GPRS | 29.08 | 10 mm | A | 3 | 1:2.76 | back | 0.410 | 28.52 | |
| 836.60 | 190 | GSM 850 | GPRS | 29.09 | 10 mm | A | 3 | 1:2.76 | front | 0.279 | 30.20 | |
| 836.60 | 190 | GSM 850 | GPRS | 29.09 | 10 mm | A | 3 | 1:2.76 | bottom | 0.105 | 34.45 | |
| 836.60 | 190 | GSM 850 | GPRS | 29.09 | 10 mm | A | 3 | 1:2.76 | right | 0.351 | 29.21 | |
| 836.60 | 190 | GSM 850 | GPRS | 29.09 | 10 mm | A | 3 | 1:2.76 | left | 0.296 | 29.95 | |
| 1850.20 | 512 | GSM 1900 | GPRS | 20.42 | 10 mm | A | 4 | 1:2.076 | back | 0.282 | 22.74 | 19.83 |
| 1850.20 | 512 | GSM 1900 | GPRS | 20.42 | 10 mm | A | 4 | 1:2.076 | front | 0.252 | 23.23 | |
| 1850.20 | 512 | GSM 1900 | GPRS | 20.42 | 10 mm | A | 4 | 1:2.076 | bottom | 0.510 | 20.16 | |
| 1880.00 | 661 | GSM 1900 | GPRS | 20.13 | 10 mm | A | 4 | 1:2.076 | bottom | 0.480 | 20.14 | |
| 1909.80 | 810 | GSM 1900 | GPRS | 20.15 | 10 mm | A | 4 | 1:2.076 | bottom | 0.517 | 19.83 | |
| 1850.20 | 512 | GSM 1900 | GPRS | 20.42 | 10 mm | A | 4 | 1:2.076 | right | 0.030 | 32.47 | |
| 1850.20 | 512 | GSM 1900 | GPRS | 20.42 | 10 mm | A | 4 | 1:2.076 | left | 0.070 | 28.79 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




| | | | | |
|------------------------------------|--|------------------------|---|---------------------------------|
| FCC ID: A3LSMS906E |  Proud to be part of  | PART 0 SAR CHAR REPORT |  | Approved by: Quality Manager |
| Test Dates: 02/07/22 - 03/25/22 | DUT Type: Portable Handset | | | APPENDIX A: Page 11 of 34 |

Table A-25
DSI = 3 P_{Limit} Calculations – UMTS Hotspot SAR

| MEASUREMENT RESULTS | | | | | | | | | | | |
|---------------------|------|-----------|---------|-----------------------|---------|-----------------|------------|--------|----------|--------|----------------|
| FREQUENCY | | Mode | Service | Conducted Power [dBm] | Spacing | Antenna Config. | Duty Cycle | Side | SAR (1g) | Plimit | Overall Plimit |
| MHz | Ch. | | | | | | | | (W/kg) | | |
| 846.60 | 4233 | UMTS 850 | RMC | 24.21 | 10 mm | A | 1:1 | back | 0.411 | 28.07 | 28.07 |
| 846.60 | 4233 | UMTS 850 | RMC | 24.21 | 10 mm | A | 1:1 | front | 0.286 | 29.65 | |
| 846.60 | 4233 | UMTS 850 | RMC | 24.21 | 10 mm | A | 1:1 | bottom | 0.086 | 34.85 | |
| 846.60 | 4233 | UMTS 850 | RMC | 24.21 | 10 mm | A | 1:1 | right | 0.346 | 28.82 | |
| 846.60 | 4233 | UMTS 850 | RMC | 24.21 | 10 mm | A | 1:1 | left | 0.301 | 29.42 | |
| 1752.60 | 1513 | UMTS 1750 | RMC | 19.39 | 10 mm | A | 1:1 | back | 0.571 | 21.82 | 19.46 |
| 1752.60 | 1513 | UMTS 1750 | RMC | 19.39 | 10 mm | A | 1:1 | front | 0.417 | 23.19 | |
| 1712.40 | 1312 | UMTS 1750 | RMC | 18.90 | 10 mm | A | 1:1 | bottom | 0.823 | 19.75 | |
| 1732.40 | 1412 | UMTS 1750 | RMC | 19.12 | 10 mm | A | 1:1 | bottom | 0.893 | 19.61 | |
| 1752.60 | 1513 | UMTS 1750 | RMC | 19.39 | 10 mm | A | 1:1 | bottom | 0.984 | 19.46 | |
| 1752.60 | 1513 | UMTS 1750 | RMC | 19.39 | 10 mm | A | 1:1 | right | 0.063 | 31.40 | |
| 1752.60 | 1513 | UMTS 1750 | RMC | 19.39 | 10 mm | A | 1:1 | left | 0.141 | 27.90 | |
| 1907.60 | 9538 | UMTS 1900 | RMC | 18.45 | 10 mm | A | 1:1 | back | 0.448 | 21.94 | 19.25 |
| 1907.60 | 9538 | UMTS 1900 | RMC | 18.45 | 10 mm | A | 1:1 | front | 0.313 | 23.49 | |
| 1852.40 | 9262 | UMTS 1900 | RMC | 18.42 | 10 mm | A | 1:1 | bottom | 0.710 | 19.91 | |
| 1880.00 | 9400 | UMTS 1900 | RMC | 18.22 | 10 mm | A | 1:1 | bottom | 0.757 | 19.43 | |
| 1907.60 | 9538 | UMTS 1900 | RMC | 18.45 | 10 mm | A | 1:1 | bottom | 0.832 | 19.25 | |
| 1907.60 | 9538 | UMTS 1900 | RMC | 18.45 | 10 mm | A | 1:1 | right | 0.053 | 31.21 | |
| 1907.60 | 9538 | UMTS 1900 | RMC | 18.45 | 10 mm | A | 1:1 | left | 0.066 | 30.25 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.



| | | | | |
|------------------------------------|--|------------------------|---|---------------------------------|
| FCC ID: A3LSMS906E |  PCTEST <small>Proud to be part of element</small> | PART 0 SAR CHAR REPORT |  | Approved by: Quality Manager |
| Test Dates: 02/07/22 - 03/25/22 | DUT Type: Portable Handset | | | APPENDIX A: Page 12 of 34 |

Table A-26
DSI = 3 P_{Limit} Calculations – LTE Band 12 Hotspot SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | |
|---------------------|-------|--------|-------------|-----------------|-----------------------|----------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY | | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB] | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (1g) | Plimit | Overall Plimit |
| MHz | Ch. | (W/kg) | | | | | | | | | | | | | | |
| 707.50 | 23095 | Mid | LTE Band 12 | 10 | 24.13 | 0 | A | QPSK | 1 | 0 | 10 mm | back | 1:1 | 0.338 | 28.84 | 28.52 |
| 707.50 | 23095 | Mid | LTE Band 12 | 10 | 23.07 | 1 | A | QPSK | 25 | 12 | 10 mm | back | 1:1 | 0.285 | 28.52 | |
| 707.50 | 23095 | Mid | LTE Band 12 | 10 | 24.13 | 0 | A | QPSK | 1 | 0 | 10 mm | front | 1:1 | 0.265 | 29.90 | |
| 707.50 | 23095 | Mid | LTE Band 12 | 10 | 23.07 | 1 | A | QPSK | 25 | 12 | 10 mm | front | 1:1 | 0.212 | 29.81 | |
| 707.50 | 23095 | Mid | LTE Band 12 | 10 | 24.13 | 0 | A | QPSK | 1 | 0 | 10 mm | bottom | 1:1 | 0.085 | 34.85 | |
| 707.50 | 23095 | Mid | LTE Band 12 | 10 | 23.07 | 1 | A | QPSK | 25 | 12 | 10 mm | bottom | 1:1 | 0.068 | 34.74 | |
| 707.50 | 23095 | Mid | LTE Band 12 | 10 | 24.13 | 0 | A | QPSK | 1 | 0 | 10 mm | right | 1:1 | 0.333 | 28.91 | |
| 707.50 | 23095 | Mid | LTE Band 12 | 10 | 23.07 | 1 | A | QPSK | 25 | 12 | 10 mm | right | 1:1 | 0.283 | 28.55 | |
| 707.50 | 23095 | Mid | LTE Band 12 | 10 | 24.13 | 0 | A | QPSK | 1 | 0 | 10 mm | left | 1:1 | 0.288 | 29.54 | |
| 707.50 | 23095 | Mid | LTE Band 12 | 10 | 23.07 | 1 | A | QPSK | 25 | 12 | 10 mm | left | 1:1 | 0.236 | 29.34 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-27
DSI = 3 P_{Limit} Calculations – LTE Band 13 Hotspot SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | |
|---------------------|-------|--------|-------------|-----------------|-----------------------|----------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY | | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB] | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (1g) | Plimit | Overall Plimit |
| MHz | Ch. | (W/kg) | | | | | | | | | | | | | | |
| 782.00 | 23230 | Mid | LTE Band 13 | 10 | 24.18 | 0 | A | QPSK | 1 | 0 | 10 mm | back | 1:1 | 0.524 | 26.99 | 26.93 |
| 782.00 | 23230 | Mid | LTE Band 13 | 10 | 23.08 | 1 | A | QPSK | 25 | 0 | 10 mm | back | 1:1 | 0.412 | 26.93 | |
| 782.00 | 23230 | Mid | LTE Band 13 | 10 | 24.18 | 0 | A | QPSK | 1 | 0 | 10 mm | front | 1:1 | 0.302 | 29.38 | |
| 782.00 | 23230 | Mid | LTE Band 13 | 10 | 23.08 | 1 | A | QPSK | 25 | 0 | 10 mm | front | 1:1 | 0.233 | 29.41 | |
| 782.00 | 23230 | Mid | LTE Band 13 | 10 | 24.18 | 0 | A | QPSK | 1 | 0 | 10 mm | bottom | 1:1 | 0.140 | 32.72 | |
| 782.00 | 23230 | Mid | LTE Band 13 | 10 | 23.08 | 1 | A | QPSK | 25 | 0 | 10 mm | bottom | 1:1 | 0.109 | 32.71 | |
| 782.00 | 23230 | Mid | LTE Band 13 | 10 | 24.18 | 0 | A | QPSK | 1 | 0 | 10 mm | right | 1:1 | 0.289 | 29.57 | |
| 782.00 | 23230 | Mid | LTE Band 13 | 10 | 23.08 | 1 | A | QPSK | 25 | 0 | 10 mm | right | 1:1 | 0.212 | 29.82 | |
| 782.00 | 23230 | Mid | LTE Band 13 | 10 | 24.18 | 0 | A | QPSK | 1 | 0 | 10 mm | left | 1:1 | 0.170 | 31.88 | |
| 782.00 | 23230 | Mid | LTE Band 13 | 10 | 23.08 | 1 | A | QPSK | 25 | 0 | 10 mm | left | 1:1 | 0.123 | 32.18 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




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|------------------------------------|--|------------------------|---|---------------------------------|
| FCC ID: A3LSMS906E |  Proud to be part of  | PART 0 SAR CHAR REPORT |  | Approved by: Quality Manager |
| Test Dates: 02/07/22 - 03/25/22 | DUT Type: Portable Handset | | | APPENDIX A: Page 13 of 34 |

Table A-28
DSI = 3 P_{Limit} Calculations – LTE Band 26 Hotspot SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | |
|---------------------|-------|--------|--------------------|-----------------|-----------------------|----------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY | | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB] | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (1g) | Plimit | Overall Plimit |
| MHz | Ch. | (W/kg) | | | | | | | | | | | | | | |
| 831.50 | 26865 | Mid | LTE Band 26 (Cell) | 15 | 24.13 | 0 | A | QPSK | 1 | 0 | 10 mm | back | 1:1 | 0.449 | 27.61 | 27.17 |
| 831.50 | 26865 | Mid | LTE Band 26 (Cell) | 15 | 23.12 | 1 | A | QPSK | 36 | 18 | 10 mm | back | 1:1 | 0.394 | 27.17 | |
| 831.50 | 26865 | Mid | LTE Band 26 (Cell) | 15 | 24.13 | 0 | A | QPSK | 1 | 0 | 10 mm | front | 1:1 | 0.276 | 29.72 | |
| 831.50 | 26865 | Mid | LTE Band 26 (Cell) | 15 | 23.12 | 1 | A | QPSK | 36 | 18 | 10 mm | front | 1:1 | 0.222 | 29.66 | |
| 831.50 | 26865 | Mid | LTE Band 26 (Cell) | 15 | 24.13 | 0 | A | QPSK | 1 | 0 | 10 mm | bottom | 1:1 | 0.117 | 33.45 | |
| 831.50 | 26865 | Mid | LTE Band 26 (Cell) | 15 | 23.12 | 1 | A | QPSK | 36 | 18 | 10 mm | bottom | 1:1 | 0.096 | 33.30 | |
| 831.50 | 26865 | Mid | LTE Band 26 (Cell) | 15 | 24.13 | 0 | A | QPSK | 1 | 0 | 10 mm | right | 1:1 | 0.260 | 29.98 | |
| 831.50 | 26865 | Mid | LTE Band 26 (Cell) | 15 | 23.12 | 1 | A | QPSK | 36 | 18 | 10 mm | right | 1:1 | 0.211 | 29.88 | |
| 831.50 | 26865 | Mid | LTE Band 26 (Cell) | 15 | 24.13 | 0 | A | QPSK | 1 | 0 | 10 mm | left | 1:1 | 0.190 | 31.34 | |
| 831.50 | 26865 | Mid | LTE Band 26 (Cell) | 15 | 23.12 | 1 | A | QPSK | 36 | 18 | 10 mm | left | 1:1 | 0.128 | 32.05 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-29
DSI = 3 P_{Limit} Calculations – LTE Band 66 Hotspot SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | |
|---------------------|--------|--------|-------------------|-----------------|-----------------------|----------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY | | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB] | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (1g) | Plimit | Overall Plimit |
| MHz | Ch. | (W/kg) | | | | | | | | | | | | | | |
| 1770.00 | 132572 | High | LTE Band 66 (AWS) | 20 | 17.11 | 0 | A | QPSK | 1 | 0 | 10 mm | back | 1:1 | 0.391 | 21.19 | 19.20 |
| 1720.00 | 132072 | Low | LTE Band 66 (AWS) | 20 | 17.02 | 0 | A | QPSK | 50 | 25 | 10 mm | back | 1:1 | 0.357 | 21.49 | |
| 1770.00 | 132572 | High | LTE Band 66 (AWS) | 20 | 17.11 | 0 | A | QPSK | 1 | 0 | 10 mm | front | 1:1 | 0.288 | 22.52 | |
| 1720.00 | 132072 | Low | LTE Band 66 (AWS) | 20 | 17.02 | 0 | A | QPSK | 50 | 25 | 10 mm | front | 1:1 | 0.276 | 22.61 | |
| 1720.00 | 132072 | Low | LTE Band 66 (AWS) | 20 | 16.74 | 0 | A | QPSK | 1 | 50 | 10 mm | bottom | 1:1 | 0.555 | 19.30 | |
| 1745.00 | 132322 | Mid | LTE Band 66 (AWS) | 20 | 16.89 | 0 | A | QPSK | 1 | 50 | 10 mm | bottom | 1:1 | 0.587 | 19.20 | |
| 1770.00 | 132572 | High | LTE Band 66 (AWS) | 20 | 17.11 | 0 | A | QPSK | 1 | 0 | 10 mm | bottom | 1:1 | 0.597 | 19.35 | |
| 1720.00 | 132072 | Low | LTE Band 66 (AWS) | 20 | 17.02 | 0 | A | QPSK | 50 | 25 | 10 mm | bottom | 1:1 | 0.564 | 19.51 | |
| 1770.00 | 132572 | High | LTE Band 66 (AWS) | 20 | 17.11 | 0 | A | QPSK | 1 | 0 | 10 mm | right | 1:1 | 0.035 | 31.67 | |
| 1720.00 | 132072 | Low | LTE Band 66 (AWS) | 20 | 17.02 | 0 | A | QPSK | 50 | 25 | 10 mm | right | 1:1 | 0.040 | 31.02 | |
| 1770.00 | 132572 | High | LTE Band 66 (AWS) | 20 | 17.11 | 0 | A | QPSK | 1 | 0 | 10 mm | left | 1:1 | 0.084 | 27.88 | |
| 1720.00 | 132072 | Low | LTE Band 66 (AWS) | 20 | 17.02 | 0 | A | QPSK | 50 | 25 | 10 mm | left | 1:1 | 0.091 | 27.41 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




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|------------------------------------|--|------------------------|---|---------------------------------|
| FCC ID: A3LSMS906E |  Proud to be part of  | PART 0 SAR CHAR REPORT |  | Approved by: Quality Manager |
| Test Dates: 02/07/22 - 03/25/22 | DUT Type: Portable Handset | | | APPENDIX A: Page 14 of 34 |

Table A-30
DSI = 3 P_{Limit} Calculations – LTE Band 4 Hotspot SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | |
|---------------------|-------|--------|------------------|-----------------|-----------------------|----------|-----------------|------------|---------|-----------|---------|-------|------------|----------|--------|----------------|
| FREQUENCY | | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB] | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (1g) | Plimit | Overall Plimit |
| MHz | Ch. | (W/kg) | | | | | | | | | | | | | | |
| 1732.50 | 20175 | Mid | LTE Band 4 (AWS) | 20 | 15.32 | 0 | I | QPSK | 1 | 50 | 10 mm | back | 1:1 | 0.076 | 26.52 | 23.83 |
| 1732.50 | 20175 | Mid | LTE Band 4 (AWS) | 20 | 15.10 | 0 | I | QPSK | 50 | 25 | 10 mm | back | 1:1 | 0.076 | 26.30 | |
| 1732.50 | 20175 | Mid | LTE Band 4 (AWS) | 20 | 15.32 | 0 | I | QPSK | 1 | 50 | 10 mm | front | 1:1 | 0.058 | 27.68 | |
| 1732.50 | 20175 | Mid | LTE Band 4 (AWS) | 20 | 15.10 | 0 | I | QPSK | 50 | 25 | 10 mm | front | 1:1 | 0.057 | 27.57 | |
| 1732.50 | 20175 | Mid | LTE Band 4 (AWS) | 20 | 15.32 | 0 | I | QPSK | 1 | 50 | 10 mm | top | 1:1 | 0.131 | 24.15 | |
| 1732.50 | 20175 | Mid | LTE Band 4 (AWS) | 20 | 15.10 | 0 | I | QPSK | 50 | 25 | 10 mm | top | 1:1 | 0.134 | 23.83 | |
| 1732.50 | 20175 | Mid | LTE Band 4 (AWS) | 20 | 15.32 | 0 | I | QPSK | 1 | 50 | 10 mm | right | 1:1 | 0.024 | 31.50 | |
| 1732.50 | 20175 | Mid | LTE Band 4 (AWS) | 20 | 15.10 | 0 | I | QPSK | 50 | 25 | 10 mm | right | 1:1 | 0.022 | 31.64 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-31
DSI = 3 P_{Limit} Calculations – LTE Band 25 Hotspot SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | |
|---------------------|-------|--------|-------------------|-----------------|-----------------------|----------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY | | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB] | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (1g) | Plimit | Overall Plimit |
| MHz | Ch. | (W/kg) | | | | | | | | | | | | | | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 16.90 | 0 | A | QPSK | 1 | 50 | 10 mm | back | 1:1 | 0.338 | 21.61 | 18.86 |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 16.79 | 0 | A | QPSK | 50 | 25 | 10 mm | back | 1:1 | 0.331 | 21.59 | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 16.90 | 0 | A | QPSK | 1 | 50 | 10 mm | front | 1:1 | 0.281 | 22.41 | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 16.79 | 0 | A | QPSK | 50 | 25 | 10 mm | front | 1:1 | 0.276 | 22.38 | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 16.90 | 0 | A | QPSK | 1 | 50 | 10 mm | bottom | 1:1 | 0.585 | 19.23 | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 16.79 | 0 | A | QPSK | 50 | 25 | 10 mm | bottom | 1:1 | 0.575 | 19.19 | |
| 1882.50 | 26365 | Mid | LTE Band 25 (PCS) | 20 | 16.75 | 0 | A | QPSK | 50 | 0 | 10 mm | bottom | 1:1 | 0.570 | 19.19 | |
| 1905.00 | 26590 | High | LTE Band 25 (PCS) | 20 | 16.64 | 0 | A | QPSK | 50 | 25 | 10 mm | bottom | 1:1 | 0.600 | 18.86 | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 16.90 | 0 | A | QPSK | 1 | 50 | 10 mm | right | 1:1 | 0.031 | 32.04 | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 16.79 | 0 | A | QPSK | 50 | 25 | 10 mm | right | 1:1 | 0.030 | 32.06 | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 16.90 | 0 | A | QPSK | 1 | 50 | 10 mm | left | 1:1 | 0.090 | 27.36 | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 16.79 | 0 | A | QPSK | 50 | 25 | 10 mm | left | 1:1 | 0.086 | 27.44 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




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|------------------------------------|--|------------------------|---|---------------------------------|
| FCC ID: A3LSMS906E |  Proud to be part of  | PART 0 SAR CHAR REPORT |  | Approved by: Quality Manager |
| Test Dates: 02/07/22 - 03/25/22 | DUT Type: Portable Handset | | | APPENDIX A: Page 15 of 34 |

Table A-32
DSI = 3 P_{Limit} Calculations – LTE Band 41 Hotspot SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | |
|---------------------|-------|----------|-------------|-----------------|-----------------------|----------|-----------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY | | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB] | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (1g) | Plimit | Overall Plimit |
| MHz | Ch. | (W/kg) | | | | | | | | | | | | | | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 23.22 | 0 | B | QPSK | 1 | 50 | 10 mm | back | 1:1.58 | 0.288 | 26.64 | 22.77 |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 23.19 | 0 | B | QPSK | 50 | 50 | 10 mm | back | 1:1.58 | 0.293 | 26.54 | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 23.22 | 0 | B | QPSK | 1 | 50 | 10 mm | front | 1:1.58 | 0.283 | 26.72 | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 23.19 | 0 | B | QPSK | 50 | 50 | 10 mm | front | 1:1.58 | 0.276 | 26.80 | |
| 2506.00 | 39750 | Low | LTE Band 41 | 20 | 22.63 | 0 | B | QPSK | 1 | 99 | 10 mm | bottom | 1:1.58 | 0.400 | 24.63 | |
| 2549.50 | 40185 | Low-Mid | LTE Band 41 | 20 | 22.68 | 0 | B | QPSK | 1 | 50 | 10 mm | bottom | 1:1.58 | 0.500 | 23.71 | |
| 2593.00 | 40620 | Mid | LTE Band 41 | 20 | 22.90 | 0 | B | QPSK | 1 | 50 | 10 mm | bottom | 1:1.58 | 0.618 | 23.01 | |
| 2636.50 | 41055 | Mid-High | LTE Band 41 | 20 | 23.12 | 0 | B | QPSK | 1 | 50 | 10 mm | bottom | 1:1.58 | 0.686 | 22.77 | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 23.22 | 0 | B | QPSK | 1 | 50 | 10 mm | bottom | 1:1.58 | 0.652 | 23.09 | |
| 2506.00 | 39750 | Low | LTE Band 41 | 20 | 22.69 | 0 | B | QPSK | 50 | 25 | 10 mm | bottom | 1:1.58 | 0.373 | 24.99 | |
| 2549.50 | 40185 | Low-Mid | LTE Band 41 | 20 | 22.64 | 0 | B | QPSK | 50 | 25 | 10 mm | bottom | 1:1.58 | 0.500 | 23.67 | |
| 2593.00 | 40620 | Mid | LTE Band 41 | 20 | 22.85 | 0 | B | QPSK | 50 | 50 | 10 mm | bottom | 1:1.58 | 0.622 | 22.93 | |
| 2636.50 | 41055 | Mid-High | LTE Band 41 | 20 | 23.17 | 0 | B | QPSK | 50 | 25 | 10 mm | bottom | 1:1.58 | 0.689 | 22.80 | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 23.19 | 0 | B | QPSK | 50 | 50 | 10 mm | bottom | 1:1.58 | 0.632 | 23.20 | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 23.16 | 0 | B | QPSK | 100 | 0 | 10 mm | bottom | 1:1.58 | 0.623 | 23.23 | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 23.22 | 0 | B | QPSK | 1 | 50 | 10 mm | left | 1:1.58 | 0.282 | 26.73 | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 23.19 | 0 | B | QPSK | 50 | 50 | 10 mm | left | 1:1.58 | 0.280 | 26.73 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-33
DSI = 3 P_{Limit} Calculations – NR Band n5 Hotspot SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | | |
|---------------------|--------|--------|-------------------|-----------------|-----------------------|-----------------|----------|------------|------------|---------|-----------|---------|--------|------------|----------|--------|----------------|
| FREQUENCY | | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config. | MPR [dB] | Waveform | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (1g) | Plimit | Overall Plimit |
| MHz | Ch. | (W/kg) | | | | | | | | | | | | | | | |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 24.30 | A | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 10 mm | back | 1:1 | 0.381 | 28.49 | 28.49 |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 24.25 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 10 mm | back | 1:1 | 0.355 | 28.75 | |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 22.68 | A | 1.5 | CP-OFDM | QPSK | 1 | 1 | 10 mm | back | 1:1 | 0.234 | 28.99 | |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 24.30 | A | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 10 mm | front | 1:1 | 0.268 | 30.02 | |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 24.25 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 10 mm | front | 1:1 | 0.255 | 30.18 | |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 24.30 | A | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 10 mm | bottom | 1:1 | 0.089 | 34.81 | |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 24.25 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 10 mm | bottom | 1:1 | 0.090 | 34.71 | |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 24.30 | A | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 10 mm | right | 1:1 | 0.311 | 29.37 | |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 24.25 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 10 mm | right | 1:1 | 0.286 | 29.69 | |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 24.30 | A | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 10 mm | left | 1:1 | 0.212 | 31.04 | |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 24.25 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 10 mm | left | 1:1 | 0.192 | 31.42 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




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| FCC ID: A3LSMS906E |  Proud to be part of  | PART 0 SAR CHAR REPORT |  | Approved by: Quality Manager |
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Table A-34
DSI = 3 P_{Limit} Calculations – NR Band n66 Hotspot SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | | |
|---------------------|--------|------|-------------------|-----------------------|----------------|----------|----------|------------|---------|-----------|---------|-------|------------|----------|--------|----------------|-------|
| FREQUENCY | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB] | Waveform | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (1g) | Plimit | Overall Plimit | |
| MHz | Ch. | | | | | | | | | | | | | (W/kg) | | | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 19.12 | A | 0 | DFT-S-OFDM | QPSK | 1 | 104 | 10 mm | back | 1:1 | 0.476 | 22.34 | 19.48 |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 19.05 | A | 0 | DFT-S-OFDM | QPSK | 50 | 0 | 10 mm | back | 1:1 | 0.472 | 22.31 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 19.12 | A | 0 | DFT-S-OFDM | QPSK | 1 | 104 | 10 mm | front | 1:1 | 0.349 | 23.69 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 19.05 | A | 0 | DFT-S-OFDM | QPSK | 50 | 0 | 10 mm | front | 1:1 | 0.328 | 23.89 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 19.12 | A | 0 | DFT-S-OFDM | QPSK | 1 | 104 | 10 mm | bottom | 1:1 | 0.879 | 19.68 | |
| 1745.00 | 349000 | Mid | NR Band n66 (AWS) | 20 | 19.00 | A | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 10 mm | bottom | 1:1 | 0.886 | 19.53 | |
| 1770.00 | 354000 | High | NR Band n66 (AWS) | 20 | 18.95 | A | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 10 mm | bottom | 1:1 | 0.879 | 19.51 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 19.05 | A | 0 | DFT-S-OFDM | QPSK | 50 | 0 | 10 mm | bottom | 1:1 | 0.772 | 20.17 | |
| 1745.00 | 349000 | Mid | NR Band n66 (AWS) | 20 | 19.00 | A | 0 | DFT-S-OFDM | QPSK | 50 | 56 | 10 mm | bottom | 1:1 | 0.895 | 19.48 | |
| 1770.00 | 354000 | High | NR Band n66 (AWS) | 20 | 18.90 | A | 0 | DFT-S-OFDM | QPSK | 50 | 0 | 10 mm | bottom | 1:1 | 0.861 | 19.55 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 19.00 | A | 0 | DFT-S-OFDM | QPSK | 100 | 0 | 10 mm | bottom | 1:1 | 0.802 | 19.96 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 19.07 | A | 0 | CP-OFDM | QPSK | 1 | 1 | 10 mm | bottom | 1:1 | 0.719 | 20.50 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 19.12 | A | 0 | DFT-S-OFDM | QPSK | 1 | 104 | 10 mm | right | 1:1 | 0.054 | 31.80 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 19.05 | A | 0 | DFT-S-OFDM | QPSK | 50 | 0 | 10 mm | right | 1:1 | 0.051 | 31.97 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 19.12 | A | 0 | DFT-S-OFDM | QPSK | 1 | 104 | 10 mm | left | 1:1 | 0.129 | 28.01 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 19.05 | A | 0 | DFT-S-OFDM | QPSK | 50 | 0 | 10 mm | left | 1:1 | 0.132 | 27.84 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 21.45 | I | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 10 mm | back | 1:1 | 0.339 | 26.15 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 21.40 | I | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 10 mm | back | 1:1 | 0.340 | 26.09 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 21.45 | I | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 10 mm | front | 1:1 | 0.303 | 26.64 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 21.40 | I | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 10 mm | front | 1:1 | 0.300 | 26.63 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 21.45 | I | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 10 mm | top | 1:1 | 0.566 | 23.92 | |
| 1745.00 | 349000 | Mid | NR Band n66 (AWS) | 20 | 21.37 | I | 0 | DFT-S-OFDM | QPSK | 1 | 53 | 10 mm | top | 1:1 | 0.473 | 24.62 | |
| 1770.00 | 354000 | High | NR Band n66 (AWS) | 20 | 21.15 | I | 0 | DFT-S-OFDM | QPSK | 1 | 104 | 10 mm | top | 1:1 | 0.487 | 24.27 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 21.40 | I | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 10 mm | top | 1:1 | 0.553 | 23.97 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 21.32 | I | 1 | DFT-S-OFDM | QPSK | 100 | 0 | 10 mm | top | 1:1 | 0.555 | 23.88 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 20.85 | I | 1.5 | CP-OFDM | QPSK | 1 | 1 | 10 mm | top | 1:1 | 0.568 | 23.31 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 21.45 | I | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 10 mm | right | 1:1 | 0.103 | 31.32 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 21.40 | I | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 10 mm | right | 1:1 | 0.100 | 31.40 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-35
DSI = 3 P_{Limit} Calculations – NR Band n25 Hotspot SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | | |
|---------------------|--------|------|-------------------|-----------------------|----------------|----------|----------|------------|---------|-----------|---------|-------|------------|----------|--------|----------------|-------|
| FREQUENCY | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB] | Waveform | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (1g) | Plimit | Overall Plimit | |
| MHz | Ch. | | | | | | | | | | | | | (W/kg) | | | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 18.52 | A | 0 | DFT-S-OFDM | QPSK | 1 | 53 | 10 mm | back | 1:1 | 0.476 | 21.74 | 18.52 |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 18.61 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 10 mm | back | 1:1 | 0.498 | 21.64 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 18.52 | A | 0 | DFT-S-OFDM | QPSK | 1 | 53 | 10 mm | front | 1:1 | 0.352 | 23.05 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 18.61 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 10 mm | front | 1:1 | 0.372 | 22.90 | |
| 1860.00 | 372000 | Low | NR Band n25 (PCS) | 20 | 18.45 | A | 0 | DFT-S-OFDM | QPSK | 1 | 104 | 10 mm | bottom | 1:1 | 0.787 | 19.49 | |
| 1882.50 | 376500 | Mid | NR Band n25 (PCS) | 20 | 18.44 | A | 0 | DFT-S-OFDM | QPSK | 1 | 53 | 10 mm | bottom | 1:1 | 0.821 | 19.30 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 18.52 | A | 0 | DFT-S-OFDM | QPSK | 1 | 53 | 10 mm | bottom | 1:1 | 0.940 | 18.79 | |
| 1860.00 | 372000 | Low | NR Band n25 (PCS) | 20 | 18.59 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 10 mm | bottom | 1:1 | 0.832 | 19.39 | |
| 1882.50 | 376500 | Mid | NR Band n25 (PCS) | 20 | 18.59 | A | 0 | DFT-S-OFDM | QPSK | 50 | 0 | 10 mm | bottom | 1:1 | 0.864 | 19.22 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 18.61 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 10 mm | bottom | 1:1 | 0.967 | 18.76 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 18.51 | A | 0 | DFT-S-OFDM | QPSK | 100 | 0 | 10 mm | bottom | 1:1 | 0.998 | 18.52 | |
| 1882.50 | 376500 | Mid | NR Band n25 (PCS) | 20 | 18.42 | A | 0 | CP-OFDM | QPSK | 1 | 1 | 10 mm | bottom | 1:1 | 0.837 | 19.19 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 18.52 | A | 0 | DFT-S-OFDM | QPSK | 1 | 53 | 10 mm | right | 1:1 | 0.068 | 30.19 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 18.61 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 10 mm | right | 1:1 | 0.071 | 30.10 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 18.52 | A | 0 | DFT-S-OFDM | QPSK | 1 | 53 | 10 mm | left | 1:1 | 0.063 | 30.53 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 18.61 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 10 mm | left | 1:1 | 0.067 | 30.35 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




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|------------------------------------|--|------------------------|---|---------------------------------|
| FCC ID: A3LSMS906E |  Proud to be part of  | PART 0 SAR CHAR REPORT |  | Approved by: Quality Manager |
| Test Dates: 02/07/22 - 03/25/22 | DUT Type: Portable Handset | | | APPENDIX A: Page 17 of 34 |

Table A-36
DSI = 3 P_{Limit} Calculations – NR Band n41 Hotspot SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | | |
|---------------------|--------|------|-----------------|-----------------------|----------------|----------|----------|------------|---------|-----------|---------|-------|------------|----------|--------------------|----------------------------|-------|
| FREQUENCY | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB] | Waveform | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (1g) | P _{limit} | Overall P _{limit} | |
| MHz | Ch. | | | | | | | | | | | | | (W/kg) | | | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 18.89 | I | 0 | DFT-S-OFDM | QPSK | 1 | 137 | 10 mm | back | 1:1 | 0.151 | 27.10 | 24.53 |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 18.78 | I | 0 | DFT-S-OFDM | QPSK | 135 | 69 | 10 mm | back | 1:1 | 0.148 | 27.08 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 18.89 | I | 0 | DFT-S-OFDM | QPSK | 1 | 137 | 10 mm | front | 1:1 | 0.078 | 29.97 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 18.78 | I | 0 | DFT-S-OFDM | QPSK | 135 | 69 | 10 mm | front | 1:1 | 0.069 | 30.39 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 18.89 | I | 0 | DFT-S-OFDM | QPSK | 1 | 137 | 10 mm | top | 1:1 | 0.262 | 24.71 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 18.78 | I | 0 | DFT-S-OFDM | QPSK | 135 | 69 | 10 mm | top | 1:1 | 0.266 | 24.53 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 18.41 | I | 0 | CP-OFDM | QPSK | 1 | 1 | 10 mm | top | 1:1 | 0.244 | 24.54 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 18.89 | I | 0 | DFT-S-OFDM | QPSK | 1 | 137 | 10 mm | right | 1:1 | 0.040 | 32.87 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 18.78 | I | 0 | DFT-S-OFDM | QPSK | 135 | 69 | 10 mm | right | 1:1 | 0.041 | 32.85 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 16.58 | B | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | back | 1:1 | 0.105 | 26.37 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 16.58 | B | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | front | 1:1 | 0.081 | 27.50 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 16.58 | B | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | bottom | 1:1 | 0.248 | 22.64 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 16.58 | B | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | left | 1:1 | 0.097 | 26.71 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 13.41 | E | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | back | 1:1 | 0.012 | 32.62 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 13.41 | E | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | front | 1:1 | 0.016 | 31.37 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 13.41 | E | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | top | 1:1 | 0.005 | 36.42 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 13.41 | E | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | right | 1:1 | 0.001 | 43.41 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 13.41 | E | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | left | 1:1 | 0.011 | 33.00 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 14.09 | D | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | back | 1:1 | 0.038 | 28.29 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 14.09 | D | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | front | 1:1 | 0.004 | 38.07 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 14.09 | D | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | bottom | 1:1 | 0.020 | 31.08 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 14.09 | D | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | right | 1:1 | 0.005 | 37.10 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 14.09 | D | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | left | 1:1 | 0.005 | 37.10 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




| | | | | |
|------------------------------------|---|------------------------|---|---------------------------------|
| FCC ID: A3LSMS906E |  PCTEST Proud to be part of  | PART 0 SAR CHAR REPORT |  | Approved by: Quality Manager |
| Test Dates: 02/07/22 - 03/25/22 | DUT Type: Portable Handset | | | APPENDIX A: Page 18 of 34 |

Table A-37
DSI = 3 P_{Limit} Calculations – NR Band n77 Hotspot SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | | |
|---------------------|--------|------|-----------------|-----------------------|----------------|----------|----------|------------|---------|-----------|---------|-------|------------|----------|--------|----------------|-------|
| FREQUENCY | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB] | Waveform | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (1g) | Plimit | Overall Plimit | |
| MHz | Ch. | | | | | | | | | | | | | (W/kg) | | | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 18.35 | F | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 10 mm | back | 1:1 | 0.230 | 24.73 | 22.43 |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 18.24 | F | 0 | DFT-S-OFDM | QPSK | 135 | 0 | 10 mm | back | 1:1 | 0.224 | 24.74 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 18.35 | F | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 10 mm | front | 1:1 | 0.120 | 27.56 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 18.24 | F | 0 | DFT-S-OFDM | QPSK | 135 | 0 | 10 mm | front | 1:1 | 0.121 | 27.41 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 18.35 | F | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 10 mm | top | 1:1 | 0.130 | 27.21 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 18.24 | F | 0 | DFT-S-OFDM | QPSK | 135 | 0 | 10 mm | top | 1:1 | 0.143 | 26.69 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 18.35 | F | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 10 mm | left | 1:1 | 0.369 | 22.68 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 18.24 | F | 0 | DFT-S-OFDM | QPSK | 135 | 0 | 10 mm | left | 1:1 | 0.366 | 22.61 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 18.09 | F | 0 | DFT-S-OFDM | QPSK | 270 | 0 | 10 mm | left | 1:1 | 0.355 | 22.59 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 18.08 | F | 0 | CP-OFDM | QPSK | 1 | 1 | 10 mm | left | 1:1 | 0.367 | 22.43 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.57 | C | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | back | 1:1 | 0.142 | 24.05 | 21.88 |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.57 | C | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | front | 1:1 | 0.056 | 28.09 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.57 | C | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | bottom | 1:1 | 0.037 | 29.89 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.57 | C | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | left | 1:1 | 0.234 | 21.88 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 17.41 | H | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | back | 1:1 | 0.033 | 32.22 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 17.41 | H | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | front | 1:1 | 0.003 | 42.64 | 32.22 |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 17.41 | H | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | top | 1:1 | 0.002 | 44.40 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 17.41 | H | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | left | 1:1 | 0.006 | 39.63 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.08 | D | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | back | 1:1 | 0.539 | 17.76 | 17.76 |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.08 | D | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | front | 1:1 | 0.030 | 30.31 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.08 | D | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | bottom | 1:1 | 0.072 | 26.51 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.08 | D | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | right | 1:1 | 0.020 | 32.07 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.08 | D | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | left | 1:1 | 0.004 | 39.06 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 18.98 | F | 0 | DFT-S-OFDM | QPSK | 1 | 137 | 10 mm | back | 1:1 | 0.281 | 24.49 | 21.50 |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 18.93 | F | 0 | DFT-S-OFDM | QPSK | 135 | 69 | 10 mm | back | 1:1 | 0.253 | 24.90 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 18.98 | F | 0 | DFT-S-OFDM | QPSK | 1 | 137 | 10 mm | front | 1:1 | 0.132 | 27.77 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 18.93 | F | 0 | DFT-S-OFDM | QPSK | 135 | 69 | 10 mm | front | 1:1 | 0.117 | 28.25 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 18.98 | F | 0 | DFT-S-OFDM | QPSK | 1 | 137 | 10 mm | top | 1:1 | 0.210 | 25.76 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 18.93 | F | 0 | DFT-S-OFDM | QPSK | 135 | 69 | 10 mm | top | 1:1 | 0.199 | 25.94 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 18.98 | F | 0 | DFT-S-OFDM | QPSK | 1 | 137 | 10 mm | left | 1:1 | 0.529 | 21.75 | |
| 3930.00 | 662000 | High | NR Band n77 | 100 | 18.90 | F | 0 | DFT-S-OFDM | QPSK | 1 | 137 | 10 mm | left | 1:1 | 0.549 | 21.50 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 18.93 | F | 0 | DFT-S-OFDM | QPSK | 135 | 69 | 10 mm | left | 1:1 | 0.464 | 22.26 | |
| 3930.00 | 662000 | High | NR Band n77 | 100 | 18.91 | F | 0 | DFT-S-OFDM | QPSK | 135 | 138 | 10 mm | left | 1:1 | 0.551 | 21.50 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 18.86 | F | 0 | DFT-S-OFDM | QPSK | 270 | 0 | 10 mm | left | 1:1 | 0.488 | 21.98 | 22.41 |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 18.28 | F | 0 | CP-OFDM | QPSK | 1 | 1 | 10 mm | left | 1:1 | 0.414 | 22.11 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.53 | C | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | back | 1:1 | 0.223 | 23.05 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.53 | C | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | front | 1:1 | 0.124 | 25.60 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.53 | C | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | bottom | 1:1 | 0.045 | 30.00 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.53 | C | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | left | 1:1 | 0.258 | 22.41 | 30.81 |
| 3930.00 | 662000 | High | NR Band n77 | 100 | 17.89 | H | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | back | 1:1 | 0.051 | 30.81 | |
| 3930.00 | 662000 | High | NR Band n77 | 100 | 17.89 | H | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | front | 1:1 | 0.000 | 57.89 | |
| 3930.00 | 662000 | High | NR Band n77 | 100 | 17.89 | H | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | top | 1:1 | 0.012 | 37.10 | |
| 3930.00 | 662000 | High | NR Band n77 | 100 | 17.89 | H | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | left | 1:1 | 0.003 | 43.12 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.26 | D | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | back | 1:1 | 0.255 | 22.19 | 22.19 |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.26 | D | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | front | 1:1 | 0.009 | 36.72 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.26 | D | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | bottom | 1:1 | 0.041 | 30.13 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.26 | D | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | right | 1:1 | 0.009 | 36.72 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.26 | D | N/A | CW/SRS | N/A | N/A | N/A | 10 mm | left | 1:1 | 0.006 | 38.48 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




| | | | | |
|------------------------------------|---|------------------------|---|---------------------------------|
| FCC ID: A3LSMS906E |  PCTEST Proud to be part of  | PART 0 SAR CHAR REPORT |  | Approved by: Quality Manager |
| Test Dates: 02/07/22 - 03/25/22 | DUT Type: Portable Handset | | | APPENDIX A: Page 19 of 34 |

Table A-38
DSI = 0 P_{Limit} Calculations – GPRS Phablet SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | |
|---------------------|-----|----------|---------|-----------------------|---------|-----------------|-----------------|------------|--------|-----------|--------|----------------|
| FREQUENCY | | Mode | Service | Conducted Power [dBm] | Spacing | Antenna Config. | # of Time Slots | Duty Cycle | Side | SAR (10g) | Plimit | Overall Plimit |
| MHz | Ch. | | | | | | | | | (W/kg) | | |
| 836.60 | 190 | GSM 850 | GPRS | 29.09 | 8 mm | A | 3 | 1:2.76 | back | 0.422 | 32.39 | 32.39 |
| 836.60 | 190 | GSM 850 | GPRS | 29.09 | 6 mm | A | 3 | 1:2.76 | front | 0.355 | 33.14 | |
| 836.60 | 190 | GSM 850 | GPRS | 29.09 | 11 mm | A | 3 | 1:2.76 | bottom | 0.077 | 39.77 | |
| 836.60 | 190 | GSM 850 | GPRS | 29.09 | 0 mm | A | 3 | 1:2.76 | right | 0.233 | 34.97 | |
| 836.60 | 190 | GSM 850 | GPRS | 29.09 | 0 mm | A | 3 | 1:2.76 | left | 0.222 | 35.18 | |
| 1850.20 | 512 | GSM 1900 | GPRS | 26.21 | 8 mm | A | 3 | 1:2.76 | back | 0.323 | 30.67 | 30.01 |
| 1850.20 | 512 | GSM 1900 | GPRS | 26.21 | 6 mm | A | 3 | 1:2.76 | front | 0.355 | 30.26 | |
| 1850.20 | 512 | GSM 1900 | GPRS | 26.21 | 11 mm | A | 3 | 1:2.76 | bottom | 0.299 | 31.00 | |
| 1850.20 | 512 | GSM 1900 | GPRS | 26.21 | 0 mm | A | 3 | 1:2.76 | right | 0.141 | 34.27 | |
| 1850.20 | 512 | GSM 1900 | GPRS | 26.21 | 0 mm | A | 3 | 1:2.76 | left | 0.376 | 30.01 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.
Data highlighted in blue was tested and provided by the manufacturer.

Table A-39
DSI = 0 P_{Limit} Calculations – UMTS Phablet SAR

| MEASUREMENT RESULTS | | | | | | | | | | | |
|---------------------|------|-----------|---------|-----------------------|---------|-----------------|------------|--------|-----------|--------|----------------|
| FREQUENCY | | Mode | Service | Conducted Power [dBm] | Spacing | Antenna Config. | Duty Cycle | Side | SAR (10g) | Plimit | Overall Plimit |
| MHz | Ch. | | | | | | | | (W/kg) | | |
| 846.60 | 4233 | UMTS 850 | RMC | 24.21 | 8 mm | A | 1:1 | back | 0.455 | 31.61 | 31.61 |
| 846.60 | 4233 | UMTS 850 | RMC | 24.21 | 6 mm | A | 1:1 | front | 0.345 | 32.81 | |
| 846.60 | 4233 | UMTS 850 | RMC | 24.21 | 11 mm | A | 1:1 | bottom | 0.111 | 37.74 | |
| 846.60 | 4233 | UMTS 850 | RMC | 24.21 | 0 mm | A | 1:1 | right | 0.255 | 34.12 | |
| 846.60 | 4233 | UMTS 850 | RMC | 24.21 | 0 mm | A | 1:1 | left | 0.244 | 34.32 | |
| 1732.40 | 1412 | UMTS 1750 | RMC | 23.28 | 8 mm | A | 1:1 | back | 1.130 | 26.73 | 26.54 |
| 1732.40 | 1412 | UMTS 1750 | RMC | 23.28 | 6 mm | A | 1:1 | front | 1.110 | 26.81 | |
| 1732.40 | 1412 | UMTS 1750 | RMC | 23.28 | 11 mm | A | 1:1 | bottom | 1.180 | 26.54 | |
| 1732.40 | 1412 | UMTS 1750 | RMC | 23.28 | 0 mm | A | 1:1 | right | 0.267 | 32.99 | |
| 1732.40 | 1412 | UMTS 1750 | RMC | 23.28 | 0 mm | A | 1:1 | left | 0.982 | 27.34 | |
| 1880.00 | 9400 | UMTS 1900 | RMC | 23.03 | 8 mm | A | 1:1 | back | 0.924 | 27.35 | 25.94 |
| 1880.00 | 9400 | UMTS 1900 | RMC | 23.03 | 6 mm | A | 1:1 | front | 0.953 | 27.22 | |
| 1880.00 | 9400 | UMTS 1900 | RMC | 23.03 | 11 mm | A | 1:1 | bottom | 1.280 | 25.94 | |
| 1880.00 | 9400 | UMTS 1900 | RMC | 23.03 | 0 mm | A | 1:1 | right | 0.376 | 31.26 | |
| 1880.00 | 9400 | UMTS 1900 | RMC | 23.03 | 0 mm | A | 1:1 | left | 0.726 | 28.40 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.
Data highlighted in blue was tested and provided by the manufacturer.




| | | | | |
|------------------------------------|--|------------------------|---|---------------------------------|
| FCC ID: A3LSMS906E |  Proud to be part of  | PART 0 SAR CHAR REPORT |  | Approved by: Quality Manager |
| Test Dates: 02/07/22 - 03/25/22 | DUT Type: Portable Handset | | | APPENDIX A: Page 20 of 34 |

Table A-40
DSI = 0 P_{Limit} Calculations – LTE Band 12 Phablet SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | |
|---------------------|-------|--------|-------------|-----------------|-----------------------|----------|-----------------|------------|---------|-----------|---------|--------|------------|-----------|--------|----------------|
| FREQUENCY | | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB] | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (10g) | Plimit | Overall Plimit |
| MHz | Ch. | (W/kg) | | | | | | | | | | | | | | |
| 707.50 | 23095 | Mid | LTE Band 12 | 10 | 24.13 | 0 | A | QPSK | 1 | 0 | 8 mm | back | 1:1 | 0.444 | 31.64 | 31.64 |
| 707.50 | 23095 | Mid | LTE Band 12 | 10 | 24.13 | 0 | A | QPSK | 1 | 0 | 6 mm | front | 1:1 | 0.311 | 33.18 | |
| 707.50 | 23095 | Mid | LTE Band 12 | 10 | 24.13 | 0 | A | QPSK | 1 | 0 | 11 mm | bottom | 1:1 | 0.110 | 37.70 | |
| 707.50 | 23095 | Mid | LTE Band 12 | 10 | 24.13 | 0 | A | QPSK | 1 | 0 | 0 mm | right | 1:1 | 0.254 | 34.06 | |
| 707.50 | 23095 | Mid | LTE Band 12 | 10 | 24.13 | 0 | A | QPSK | 1 | 0 | 0 mm | left | 1:1 | 0.211 | 34.87 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.
Data highlighted in blue was tested and provided by the manufacturer.

Table A-41
DSI = 0 P_{Limit} Calculations – LTE Band 13 Phablet SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | |
|---------------------|-------|--------|-------------|-----------------|-----------------------|----------|-----------------|------------|---------|-----------|---------|--------|------------|-----------|--------|----------------|
| FREQUENCY | | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB] | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (10g) | Plimit | Overall Plimit |
| MHz | Ch. | (W/kg) | | | | | | | | | | | | | | |
| 782.00 | 23230 | Mid | LTE Band 13 | 10 | 24.18 | 0 | A | QPSK | 1 | 0 | 8 mm | back | 1:1 | 0.441 | 31.72 | 31.72 |
| 782.00 | 23230 | Mid | LTE Band 13 | 10 | 24.18 | 0 | A | QPSK | 1 | 0 | 6 mm | front | 1:1 | 0.411 | 32.02 | |
| 782.00 | 23230 | Mid | LTE Band 13 | 10 | 24.18 | 0 | A | QPSK | 1 | 0 | 11 mm | bottom | 1:1 | 0.110 | 37.75 | |
| 782.00 | 23230 | Mid | LTE Band 13 | 10 | 24.18 | 0 | A | QPSK | 1 | 0 | 0 mm | right | 1:1 | 0.255 | 34.09 | |
| 782.00 | 23230 | Mid | LTE Band 13 | 10 | 24.18 | 0 | A | QPSK | 1 | 0 | 0 mm | left | 1:1 | 0.244 | 34.29 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.
Data highlighted in blue was tested and provided by the manufacturer.

Table A-42
DSI = 0 P_{Limit} Calculations – LTE Band 26 Phablet SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | |
|---------------------|-------|--------|--------------------|-----------------|-----------------------|----------|-----------------|------------|---------|-----------|---------|--------|------------|-----------|--------|----------------|
| FREQUENCY | | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB] | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (10g) | Plimit | Overall Plimit |
| MHz | Ch. | (W/kg) | | | | | | | | | | | | | | |
| 831.50 | 26865 | Mid | LTE Band 26 (Cell) | 15 | 24.13 | 0 | A | QPSK | 1 | 0 | 8 mm | back | 1:1 | 0.554 | 30.67 | 29.49 |
| 831.50 | 26865 | Mid | LTE Band 26 (Cell) | 15 | 24.13 | 0 | A | QPSK | 1 | 0 | 6 mm | front | 1:1 | 0.441 | 31.67 | |
| 831.50 | 26865 | Mid | LTE Band 26 (Cell) | 15 | 24.13 | 0 | A | QPSK | 1 | 0 | 11 mm | bottom | 1:1 | 0.111 | 37.66 | |
| 831.50 | 26865 | Mid | LTE Band 26 (Cell) | 15 | 24.13 | 0 | A | QPSK | 1 | 0 | 0 mm | right | 1:1 | 0.170 | 35.80 | |
| 831.50 | 26865 | Mid | LTE Band 26 (Cell) | 15 | 24.13 | 0 | A | QPSK | 1 | 0 | 0 mm | left | 1:1 | 0.728 | 29.49 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.
Data highlighted in blue was tested and provided by the manufacturer.




| | | | | |
|------------------------------------|--|------------------------|---|---------------------------------|
| FCC ID: A3LSMS906E |  Proud to be part of  | PART 0 SAR CHAR REPORT |  | Approved by: Quality Manager |
| Test Dates: 02/07/22 - 03/25/22 | DUT Type: Portable Handset | | | APPENDIX A: Page 21 of 34 |

Table A-43
DSI = 0 P_{Limit} Calculations – LTE Band 66 Phablet SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | |
|---------------------|--------|--------|-------------------|-----------------|-----------------------|----------|-----------------|------------|---------|-----------|---------|--------|------------|-----------|--------|----------------|
| FREQUENCY | | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB] | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (10g) | Plimit | Overall Plimit |
| MHz | Ch. | (W/kg) | | | | | | | | | | | | | | |
| 1720.00 | 132072 | Low | LTE Band 66 (AWS) | 20 | 23.08 | 0 | A | QPSK | 1 | 50 | 8 mm | back | 1:1 | 0.807 | 27.99 | 27.36 |
| 1720.00 | 132072 | Low | LTE Band 66 (AWS) | 20 | 22.10 | 1 | A | QPSK | 50 | 25 | 8 mm | back | 1:1 | 0.653 | 27.93 | |
| 1720.00 | 132072 | Low | LTE Band 66 (AWS) | 20 | 23.08 | 0 | A | QPSK | 1 | 50 | 6 mm | front | 1:1 | 0.691 | 28.66 | |
| 1720.00 | 132072 | Low | LTE Band 66 (AWS) | 20 | 22.10 | 1 | A | QPSK | 50 | 25 | 6 mm | front | 1:1 | 0.558 | 28.61 | |
| 1720.00 | 132072 | Low | LTE Band 66 (AWS) | 20 | 23.08 | 0 | A | QPSK | 1 | 50 | 11 mm | bottom | 1:1 | 0.933 | 27.36 | |
| 1720.00 | 132072 | Low | LTE Band 66 (AWS) | 20 | 22.10 | 1 | A | QPSK | 50 | 25 | 11 mm | bottom | 1:1 | 0.735 | 27.42 | |
| 1720.00 | 132072 | Low | LTE Band 66 (AWS) | 20 | 23.08 | 0 | A | QPSK | 1 | 50 | 0 mm | right | 1:1 | 0.283 | 32.54 | |
| 1720.00 | 132072 | Low | LTE Band 66 (AWS) | 20 | 22.10 | 1 | A | QPSK | 50 | 25 | 0 mm | right | 1:1 | 0.228 | 32.50 | |
| 1720.00 | 132072 | Low | LTE Band 66 (AWS) | 20 | 23.08 | 0 | A | QPSK | 1 | 50 | 0 mm | left | 1:1 | 0.461 | 30.42 | |
| 1720.00 | 132072 | Low | LTE Band 66 (AWS) | 20 | 22.10 | 1 | A | QPSK | 50 | 25 | 0 mm | left | 1:1 | 0.369 | 30.41 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-44
DSI = 0 P_{Limit} Calculations – LTE Band 4 Phablet SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | |
|---------------------|-------|--------|------------------|-----------------|-----------------------|----------|-----------------|------------|---------|-----------|---------|-------|------------|-----------|--------|----------------|
| FREQUENCY | | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB] | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (10g) | Plimit | Overall Plimit |
| MHz | Ch. | (W/kg) | | | | | | | | | | | | | | |
| 1732.50 | 20175 | Mid | LTE Band 4 (AWS) | 20 | 20.26 | 0 | I | QPSK | 1 | 50 | 0 mm | back | 1:1 | 1.011 | 24.19 | 20.99 |
| 1732.50 | 20175 | Mid | LTE Band 4 (AWS) | 20 | 20.26 | 0 | I | QPSK | 1 | 50 | 0 mm | front | 1:1 | 0.994 | 24.27 | |
| 1732.50 | 20175 | Mid | LTE Band 4 (AWS) | 20 | 20.26 | 0 | I | QPSK | 1 | 50 | 0 mm | top | 1:1 | 2.112 | 20.99 | |
| 1732.50 | 20175 | Mid | LTE Band 4 (AWS) | 20 | 20.26 | 0 | I | QPSK | 1 | 50 | 0 mm | right | 1:1 | 0.210 | 31.02 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.
Data highlighted in blue was tested and provided by the manufacturer.

Table A-45
DSI = 0 P_{Limit} Calculations – LTE Band 25 Phablet SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | |
|---------------------|-------|--------|-------------------|-----------------|-----------------------|----------|-----------------|------------|---------|-----------|---------|--------|------------|-----------|--------|----------------|
| FREQUENCY | | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB] | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (10g) | Plimit | Overall Plimit |
| MHz | Ch. | (W/kg) | | | | | | | | | | | | | | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 22.66 | 0 | A | QPSK | 1 | 50 | 8 mm | back | 1:1 | 0.951 | 26.86 | 25.71 |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 21.48 | 1 | A | QPSK | 50 | 25 | 8 mm | back | 1:1 | 0.748 | 26.72 | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 22.66 | 0 | A | QPSK | 1 | 50 | 6 mm | front | 1:1 | 1.180 | 25.92 | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 21.48 | 1 | A | QPSK | 50 | 25 | 6 mm | front | 1:1 | 0.945 | 25.71 | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 22.66 | 0 | A | QPSK | 1 | 50 | 11 mm | bottom | 1:1 | 1.050 | 26.43 | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 21.48 | 1 | A | QPSK | 50 | 25 | 11 mm | bottom | 1:1 | 0.842 | 26.21 | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 22.66 | 0 | A | QPSK | 1 | 50 | 0 mm | right | 1:1 | 0.348 | 31.22 | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 21.48 | 1 | A | QPSK | 50 | 25 | 0 mm | right | 1:1 | 0.278 | 31.02 | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 22.66 | 0 | A | QPSK | 1 | 50 | 0 mm | left | 1:1 | 0.746 | 27.91 | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 21.48 | 1 | A | QPSK | 50 | 25 | 0 mm | left | 1:1 | 0.608 | 27.62 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




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|------------------------------------|--|------------------------|---|---------------------------------|
| FCC ID: A3LSMS906E |  Proud to be part of  | PART 0 SAR CHAR REPORT |  | Approved by: Quality Manager |
| Test Dates: 02/07/22 - 03/25/22 | DUT Type: Portable Handset | | | APPENDIX A: Page 22 of 34 |

Table A-46
DSI = 0 P_{Limit} Calculations – LTE Band 41 Phablet SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | |
|---------------------|-------|------|-----------------|-----------------------|----------|-----------------|------------|---------|-----------|---------|-------|------------|-----------|--------|----------------|-------|
| FREQUENCY | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB] | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (10g) | Plimit | Overall Plimit | |
| MHz | Ch. | | | | | | | | | | | | (W/kg) | | | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 23.66 | 0 | B | QPSK | 1 | 50 | 8 mm | back | 1:1.58 | 0.114 | 35.09 | 27.45 |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 22.61 | 1 | B | QPSK | 50 | 50 | 8 mm | back | 1:1.58 | 0.090 | 35.06 | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 23.66 | 0 | B | QPSK | 1 | 50 | 6 mm | front | 1:1.58 | 0.110 | 35.24 | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 22.61 | 1 | B | QPSK | 50 | 50 | 6 mm | front | 1:1.58 | 0.086 | 35.26 | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 23.66 | 0 | B | QPSK | 1 | 50 | 11 mm | bottom | 1:1.58 | 0.114 | 35.09 | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 22.61 | 1 | B | QPSK | 50 | 50 | 11 mm | bottom | 1:1.58 | 0.095 | 34.83 | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 23.66 | 0 | B | QPSK | 1 | 50 | 0 mm | left | 1:1.58 | 0.662 | 27.45 | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 22.61 | 1 | B | QPSK | 50 | 50 | 0 mm | left | 1:1.58 | 0.516 | 27.48 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-47
DSI = 0 P_{Limit} Calculations – NR Band n5 Phablet SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | | |
|---------------------|--------|------|-------------------|-----------------------|-----------------|----------|----------|------------|---------|-----------|---------|-------|------------|-----------|--------|----------------|-------|
| FREQUENCY | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config. | MPR [dB] | Waveform | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (10g) | Plimit | Overall Plimit | |
| MHz | Ch. | | | | | | | | | | | | | (W/kg) | | | |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 24.30 | A | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 8 mm | back | 1:1 | 0.455 | 31.70 | 31.70 |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 24.30 | A | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 6 mm | front | 1:1 | 0.441 | 31.84 | |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 24.30 | A | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 11 mm | bottom | 1:1 | 0.155 | 36.38 | |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 24.30 | A | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 0 mm | right | 1:1 | 0.330 | 33.09 | |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 24.30 | A | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 0 mm | left | 1:1 | 0.122 | 37.42 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.
Data highlighted in blue was tested and provided by the manufacturer.

Table A-48
DSI = 0 P_{Limit} Calculations – NR Band n66 Phablet SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | | |
|---------------------|--------|------|-------------------|-----------------------|-----------------|----------|----------|------------|---------|-----------|---------|-------|------------|-----------|--------|----------------|-------|
| FREQUENCY | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config. | MPR [dB] | Waveform | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (10g) | Plimit | Overall Plimit | |
| MHz | Ch. | | | | | | | | | | | | | (W/kg) | | | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 23.77 | A | 0 | DFT-S-OFDM | QPSK | 1 | 53 | 8 mm | back | 1:1 | 1.020 | 27.66 | 27.27 |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 23.70 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 8 mm | back | 1:1 | 1.030 | 27.55 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 23.77 | A | 0 | DFT-S-OFDM | QPSK | 1 | 53 | 6 mm | front | 1:1 | 0.851 | 28.45 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 23.70 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 6 mm | front | 1:1 | 0.855 | 28.36 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 23.77 | A | 0 | DFT-S-OFDM | QPSK | 1 | 53 | 11 mm | bottom | 1:1 | 1.100 | 27.34 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 23.70 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 11 mm | bottom | 1:1 | 1.100 | 27.27 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 23.77 | A | 0 | DFT-S-OFDM | QPSK | 1 | 53 | 0 mm | right | 1:1 | 0.391 | 31.83 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 23.70 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 0 mm | right | 1:1 | 0.387 | 31.80 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 23.77 | A | 0 | DFT-S-OFDM | QPSK | 1 | 53 | 0 mm | left | 1:1 | 0.903 | 28.19 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 23.70 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 0 mm | left | 1:1 | 0.914 | 28.07 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 21.45 | I | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 0 mm | back | 1:1 | 1.120 | 24.94 | 21.63 |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 21.45 | I | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 0 mm | front | 1:1 | 1.410 | 23.94 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 21.45 | I | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 0 mm | top | 1:1 | 2.400 | 21.63 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 21.45 | I | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 0 mm | right | 1:1 | 0.296 | 31.18 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.
Data highlighted in blue was tested and provided by the manufacturer.




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|------------------------------------|--|------------------------|---|---------------------------------|
| FCC ID: A3LSMS906E |  Proud to be part of  | PART 0 SAR CHAR REPORT |  | Approved by: Quality Manager |
| Test Dates: 02/07/22 - 03/25/22 | DUT Type: Portable Handset | | | APPENDIX A: Page 23 of 34 |

Table A-49
DSI = 0 P_{Limit} Calculations – NR Band n25 Phablet SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | | |
|---------------------|--------|------|-------------------|-----------------------|----------------|----------|----------|------------|---------|-----------|---------|-------|------------|-----------|--------------------|----------------------------|-------|
| FREQUENCY | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB] | Waveform | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (10g) | P _{limit} | Overall P _{limit} | |
| MHz | Ch. | | | | | | | | | | | | | (W/kg) | | | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 23.33 | A | 0 | DFT-S-OFDM | QPSK | 1 | 53 | 8 mm | back | 1:1 | 0.931 | 27.62 | 26.84 |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 23.47 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 8 mm | back | 1:1 | 0.995 | 27.47 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 23.33 | A | 0 | DFT-S-OFDM | QPSK | 1 | 53 | 6 mm | front | 1:1 | 0.857 | 27.98 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 23.47 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 6 mm | front | 1:1 | 0.911 | 27.85 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 23.33 | A | 0 | DFT-S-OFDM | QPSK | 1 | 53 | 11 mm | bottom | 1:1 | 1.040 | 27.14 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 23.47 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 11 mm | bottom | 1:1 | 1.150 | 26.84 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 23.33 | A | 0 | DFT-S-OFDM | QPSK | 1 | 53 | 0 mm | right | 1:1 | 0.380 | 31.51 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 23.47 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 0 mm | right | 1:1 | 0.394 | 31.49 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 23.33 | A | 0 | DFT-S-OFDM | QPSK | 1 | 53 | 0 mm | left | 1:1 | 0.588 | 29.62 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 23.47 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 0 mm | left | 1:1 | 0.612 | 29.58 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-50
DSI = 0 P_{Limit} Calculations – NR Band n41 Phablet SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | | |
|---------------------|--------|------|-----------------|-----------------------|----------------|----------|----------|------------|---------|-----------|---------|-------|------------|-----------|--------------------|----------------------------|-------|
| FREQUENCY | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB] | Waveform | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (10g) | P _{limit} | Overall P _{limit} | |
| MHz | Ch. | | | | | | | | | | | | | (W/kg) | | | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 18.89 | I | 0 | DFT-S-OFDM | QPSK | 1 | 137 | 0 mm | back | 1:1 | 1.330 | 21.63 | 20.37 |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 18.89 | I | 0 | DFT-S-OFDM | QPSK | 1 | 137 | 0 mm | front | 1:1 | 0.991 | 22.91 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 18.89 | I | 0 | DFT-S-OFDM | QPSK | 1 | 137 | 0 mm | top | 1:1 | 1.490 | 21.14 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 18.78 | I | 0 | DFT-S-OFDM | QPSK | 135 | 69 | 0 mm | top | 1:1 | 1.490 | 21.03 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 18.59 | I | 0 | DFT-S-OFDM | QPSK | 270 | 0 | 0 mm | top | 1:1 | 1.660 | 20.37 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 18.41 | I | 0 | CP-OFDM | QPSK | 1 | 1 | 0 mm | top | 1:1 | 1.430 | 20.84 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 18.89 | I | 0 | DFT-S-OFDM | QPSK | 1 | 137 | 0 mm | right | 1:1 | 0.174 | 30.46 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 18.89 | I | 0 | DFT-S-OFDM | QPSK | 1 | 137 | 0 mm | left | 1:1 | 0.188 | 30.13 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 16.58 | B | 0 | CW/SRS | N/A | N/A | N/A | 8 mm | back | 1:1 | 0.331 | 25.36 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 16.58 | B | 0 | CW/SRS | N/A | N/A | N/A | 6 mm | front | 1:1 | 0.180 | 28.01 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 16.58 | B | 0 | CW/SRS | N/A | N/A | N/A | 11 mm | bottom | 1:1 | 0.221 | 27.12 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 16.58 | B | 0 | CW/SRS | N/A | N/A | N/A | 0 mm | left | 1:1 | 0.321 | 25.49 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 13.41 | E | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | back | 1:1 | 0.277 | 22.96 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 13.41 | E | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | front | 1:1 | 0.344 | 22.02 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 13.41 | E | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | top | 1:1 | 0.331 | 22.19 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 13.41 | E | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | right | 1:1 | 0.011 | 36.98 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 13.41 | E | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | left | 1:1 | 0.111 | 26.94 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 14.09 | D | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | back | 1:1 | 0.333 | 22.84 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 14.09 | D | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | front | 1:1 | 0.055 | 30.67 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 14.09 | D | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | bottom | 1:1 | 0.044 | 31.63 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 14.09 | D | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | right | 1:1 | 0.011 | 37.66 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 14.09 | D | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | left | 1:1 | 0.021 | 34.85 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.
Data highlighted in blue was tested and provided by the manufacturer.




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|------------------------------------|---|------------------------|---|---------------------------------|
| FCC ID: A3LSMS906E |  PCTEST Proud to be part of  | PART 0 SAR CHAR REPORT |  | Approved by: Quality Manager |
| Test Dates: 02/07/22 - 03/25/22 | DUT Type: Portable Handset | | | APPENDIX A: Page 24 of 34 |

Table A-51
DSI = 0 P_{Limit} Calculations – NR Band n77 Phablet SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | | |
|---------------------|--------|------|-----------------|-----------------------|----------------|----------|----------|------------|---------|-----------|---------|------|------------|-----------|--------------------|----------------------------|-------|
| FREQUENCY | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB] | Waveform | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (10g) | P _{limit} | Overall P _{limit} | |
| MHz | Ch. | | | | | | | | | | | | | (W/kg) | | | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 18.35 | F | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 0 mm | back | 1:1 | 0.622 | 23.18 | 18.88 |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 18.35 | F | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 0 mm | front | 1:1 | 0.771 | 23.46 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 18.35 | F | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 0 mm | top | 1:1 | 0.143 | 30.78 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 18.35 | F | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 0 mm | left | 1:1 | 2.110 | 19.09 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 18.24 | F | 0 | DFT-S-OFDM | QPSK | 135 | 0 | 0 mm | left | 1:1 | 2.000 | 19.21 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 18.09 | F | 0 | DFT-S-OFDM | QPSK | 270 | 0 | 0 mm | left | 1:1 | 1.970 | 19.12 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 18.08 | F | 0 | CP-OFDM | QPSK | 1 | 1 | 0 mm | left | 1:1 | 2.080 | 18.88 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.57 | C | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | back | 1:1 | 0.554 | 22.11 | 22.11 |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.57 | C | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | front | 1:1 | 0.066 | 31.35 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.57 | C | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | bottom | 1:1 | 0.133 | 28.31 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.57 | C | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | left | 1:1 | 0.002 | 46.54 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 17.41 | H | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | back | 1:1 | 1.100 | 20.98 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 17.41 | H | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | front | 1:1 | 0.002 | 48.38 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 17.41 | H | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | bottom | 1:1 | 0.022 | 37.97 | 20.98 |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 17.41 | H | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | left | 1:1 | 0.011 | 40.98 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.08 | D | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | back | 1:1 | 1.400 | 17.60 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.08 | D | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | front | 1:1 | 0.233 | 25.39 | 17.60 |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.08 | D | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | bottom | 1:1 | 0.031 | 34.15 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.08 | D | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | right | 1:1 | 0.021 | 35.84 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.08 | D | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | left | 1:1 | 0.002 | 46.05 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 18.98 | F | 0 | DFT-S-OFDM | QPSK | 1 | 137 | 0 mm | back | 1:1 | 1.210 | 22.13 | 18.02 |
| 3930.00 | 662000 | High | NR Band n77 | 100 | 18.90 | F | 0 | DFT-S-OFDM | QPSK | 1 | 137 | 0 mm | back | 1:1 | 1.110 | 22.43 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 18.93 | F | 0 | DFT-S-OFDM | QPSK | 135 | 69 | 0 mm | back | 1:1 | 0.981 | 22.99 | |
| 3930.00 | 662000 | High | NR Band n77 | 100 | 18.91 | F | 0 | DFT-S-OFDM | QPSK | 135 | 138 | 0 mm | back | 1:1 | 1.290 | 21.78 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 18.86 | F | 0 | DFT-S-OFDM | QPSK | 270 | 0 | 0 mm | back | 1:1 | 1.020 | 22.75 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 18.88 | F | 0 | DFT-S-OFDM | QPSK | 1 | 137 | 0 mm | front | 1:1 | 1.022 | 22.86 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 18.98 | F | 0 | DFT-S-OFDM | QPSK | 1 | 137 | 0 mm | top | 1:1 | 0.771 | 24.09 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 18.98 | F | 0 | DFT-S-OFDM | QPSK | 1 | 137 | 0 mm | left | 1:1 | 2.520 | 18.95 | |
| 3930.00 | 662000 | High | NR Band n77 | 100 | 18.90 | F | 0 | DFT-S-OFDM | QPSK | 1 | 137 | 0 mm | left | 1:1 | 3.060 | 18.02 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 18.93 | F | 0 | DFT-S-OFDM | QPSK | 135 | 69 | 0 mm | left | 1:1 | 2.400 | 19.11 | |
| 3930.00 | 662000 | High | NR Band n77 | 100 | 18.91 | F | 0 | DFT-S-OFDM | QPSK | 135 | 138 | 0 mm | left | 1:1 | 2.980 | 18.15 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 18.86 | F | 0 | DFT-S-OFDM | QPSK | 270 | 0 | 0 mm | left | 1:1 | 2.360 | 19.11 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 18.28 | F | 0 | CP-OFDM | QPSK | 1 | 1 | 0 mm | left | 1:1 | 2.170 | 18.89 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.53 | C | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | back | 1:1 | 0.211 | 27.27 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.53 | C | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | front | 1:1 | 0.011 | 40.10 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.53 | C | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | bottom | 1:1 | 0.033 | 35.32 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.53 | C | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | left | 1:1 | 0.344 | 25.14 | |
| 3930.00 | 662000 | High | NR Band n77 | 100 | 17.89 | H | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | back | 1:1 | 0.733 | 23.22 | 23.22 |
| 3930.00 | 662000 | High | NR Band n77 | 100 | 17.89 | H | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | front | 1:1 | 0.001 | 51.87 | |
| 3930.00 | 662000 | High | NR Band n77 | 100 | 17.89 | H | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | top | 1:1 | 0.011 | 41.46 | |
| 3930.00 | 662000 | High | NR Band n77 | 100 | 17.89 | H | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | left | 1:1 | 0.001 | 51.87 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.26 | D | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | back | 1:1 | 0.411 | 24.10 | 24.10 |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.26 | D | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | front | 1:1 | 0.002 | 47.23 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.26 | D | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | bottom | 1:1 | 0.011 | 39.83 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.26 | D | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | right | 1:1 | 0.010 | 40.24 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.26 | D | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | left | 1:1 | 0.021 | 37.02 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.
Data highlighted in blue was tested and provided by the manufacturer.




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|------------------------------------|---|------------------------|---|---------------------------------|
| FCC ID: A3LSMS906E |  PCTEST Proud to be part of  | PART 0 SAR CHAR REPORT |  | Approved by: Quality Manager |
| Test Dates: 02/07/22 - 03/25/22 | DUT Type: Portable Handset | | | APPENDIX A: Page 25 of 34 |

Table A-52
DSI = 1 P_{Limit} Calculations – GPRS Phablet SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | |
|---------------------|-----|----------|---------|-----------------------|---------|-----------------|-----------------|------------|--------|-----------|--------|----------------|
| FREQUENCY | | Mode | Service | Conducted Power [dBm] | Spacing | Antenna Config. | # of Time Slots | Duty Cycle | Side | SAR (10g) | Plimit | Overall Plimit |
| MHz | Ch. | | | | | | | | | (W/kg) | | |
| 836.60 | 190 | GSM 850 | GPRS | 29.09 | 0 mm | A | 3 | 1:2.76 | back | 1.134 | 28.09 | 28.09 |
| 836.60 | 190 | GSM 850 | GPRS | 29.09 | 0 mm | A | 3 | 1:2.76 | front | 0.706 | 30.15 | |
| 836.60 | 190 | GSM 850 | GPRS | 29.09 | 0 mm | A | 3 | 1:2.76 | bottom | 0.404 | 32.58 | |
| 836.60 | 190 | GSM 850 | GPRS | 29.09 | 0 mm | A | 3 | 1:2.76 | right | 0.233 | 34.97 | |
| 836.60 | 190 | GSM 850 | GPRS | 29.09 | 0 mm | A | 3 | 1:2.76 | left | 0.222 | 35.18 | |
| 1850.20 | 512 | GSM 1900 | GPRS | 20.42 | 0 mm | A | 4 | 1:2.076 | back | 0.678 | 22.91 | 22.60 |
| 1850.20 | 512 | GSM 1900 | GPRS | 20.42 | 0 mm | A | 4 | 1:2.076 | front | 0.727 | 22.60 | |
| 1850.20 | 512 | GSM 1900 | GPRS | 20.42 | 0 mm | A | 4 | 1:2.076 | bottom | 0.596 | 23.47 | |
| 1850.20 | 512 | GSM 1900 | GPRS | 26.21 | 0 mm | A | 3 | 1:2.76 | right | 0.141 | 34.27 | |
| 1850.20 | 512 | GSM 1900 | GPRS | 26.21 | 0 mm | A | 3 | 1:2.76 | left | 0.376 | 30.01 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.
 Data highlighted in blue was tested and provided by the manufacturer.




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|------------------------------------|--|------------------------|---|---------------------------------|
| FCC ID: A3LSMS906E |  Proud to be part of  | PART 0 SAR CHAR REPORT |  | Approved by: Quality Manager |
| Test Dates: 02/07/22 - 03/25/22 | DUT Type: Portable Handset | | | APPENDIX A: Page 26 of 34 |

Table A-53
DSI = 1 P_{Limit} Calculations – UMTS Phablet SAR

| MEASUREMENT RESULTS | | | | | | | | | | | |
|---------------------|------|-----------|---------|-----------------------|---------|-----------------|------------|--------|-----------|--------|----------------|
| FREQUENCY | | Mode | Service | Conducted Power [dBm] | Spacing | Antenna Config. | Duty Cycle | Side | SAR (10g) | Plimit | Overall Plimit |
| MHz | Ch. | | | | | | | | (W/kg) | | |
| 846.60 | 4233 | UMTS 850 | RMC | 24.21 | 0 mm | A | 1:1 | back | 1.440 | 26.61 | 26.61 |
| 846.60 | 4233 | UMTS 850 | RMC | 24.21 | 0 mm | A | 1:1 | front | 1.020 | 28.10 | |
| 846.60 | 4233 | UMTS 850 | RMC | 24.21 | 0 mm | A | 1:1 | bottom | 0.617 | 30.29 | |
| 846.60 | 4233 | UMTS 850 | RMC | 24.21 | 0 mm | A | 1:1 | right | 0.255 | 34.12 | |
| 846.60 | 4233 | UMTS 850 | RMC | 24.21 | 0 mm | A | 1:1 | left | 0.244 | 34.32 | |
| 1712.40 | 1312 | UMTS 1750 | RMC | 19.83 | 0 mm | A | 1:1 | back | 1.880 | 21.07 | 20.27 |
| 1732.40 | 1412 | UMTS 1750 | RMC | 20.02 | 0 mm | A | 1:1 | back | 1.890 | 21.23 | |
| 1752.60 | 1513 | UMTS 1750 | RMC | 20.19 | 0 mm | A | 1:1 | back | 1.950 | 21.27 | |
| 1712.40 | 1312 | UMTS 1750 | RMC | 19.83 | 0 mm | A | 1:1 | front | 1.280 | 22.74 | |
| 1732.40 | 1412 | UMTS 1750 | RMC | 20.02 | 0 mm | A | 1:1 | front | 1.320 | 22.79 | |
| 1752.60 | 1513 | UMTS 1750 | RMC | 20.19 | 0 mm | A | 1:1 | front | 1.740 | 21.76 | |
| 1712.40 | 1312 | UMTS 1750 | RMC | 19.83 | 0 mm | A | 1:1 | bottom | 2.260 | 20.27 | |
| 1732.40 | 1412 | UMTS 1750 | RMC | 20.02 | 0 mm | A | 1:1 | bottom | 1.930 | 21.14 | |
| 1752.60 | 1513 | UMTS 1750 | RMC | 20.19 | 0 mm | A | 1:1 | bottom | 1.950 | 21.27 | |
| 1732.40 | 1412 | UMTS 1750 | RMC | 23.28 | 0 mm | A | 1:1 | right | 0.267 | 32.99 | |
| 1732.40 | 1412 | UMTS 1750 | RMC | 23.28 | 0 mm | A | 1:1 | left | 0.982 | 27.34 | |
| 1880.00 | 9400 | UMTS 1900 | RMC | 19.45 | 0 mm | A | 1:1 | back | 1.490 | 21.70 | 21.70 |
| 1852.40 | 9262 | UMTS 1900 | RMC | 19.44 | 0 mm | A | 1:1 | front | 1.110 | 22.97 | |
| 1880.00 | 9400 | UMTS 1900 | RMC | 19.45 | 0 mm | A | 1:1 | front | 1.490 | 21.70 | |
| 1907.60 | 9538 | UMTS 1900 | RMC | 19.39 | 0 mm | A | 1:1 | front | 1.300 | 22.23 | |
| 1880.00 | 9400 | UMTS 1900 | RMC | 19.45 | 0 mm | A | 1:1 | bottom | 1.400 | 21.97 | |
| 1880.00 | 9400 | UMTS 1900 | RMC | 23.03 | 0 mm | A | 1:1 | right | 0.376 | 31.26 | |
| 1880.00 | 9400 | UMTS 1900 | RMC | 23.03 | 0 mm | A | 1:1 | left | 0.726 | 28.40 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.
 Data highlighted in blue was tested and provided by the manufacturer.




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|------------------------------------|--|------------------------|---|---------------------------------|
| FCC ID: A3LSMS906E |  Proud to be part of  | PART 0 SAR CHAR REPORT |  | Approved by: Quality Manager |
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Table A-54
DSI = 1 P_{Limit} Calculations – LTE Band 12 Phablet SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | |
|---------------------|-------|--------|-------------|-----------------|-----------------------|----------|-----------------|------------|---------|-----------|---------|--------|------------|-----------|--------|----------------|
| FREQUENCY | | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB] | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (10g) | Plimit | Overall Plimit |
| MHz | Ch. | (W/kg) | | | | | | | | | | | | | | |
| 707.50 | 23095 | Mid | LTE Band 12 | 10 | 24.13 | 0 | A | QPSK | 1 | 0 | 0 mm | back | 1:1 | 1.071 | 27.81 | 27.81 |
| 707.50 | 23095 | Mid | LTE Band 12 | 10 | 24.13 | 0 | A | QPSK | 1 | 0 | 0 mm | front | 1:1 | 0.678 | 29.80 | |
| 707.50 | 23095 | Mid | LTE Band 12 | 10 | 24.13 | 0 | A | QPSK | 1 | 0 | 0 mm | bottom | 1:1 | 0.530 | 30.87 | |
| 707.50 | 23095 | Mid | LTE Band 12 | 10 | 24.13 | 0 | A | QPSK | 1 | 0 | 0 mm | right | 1:1 | 0.254 | 34.06 | |
| 707.50 | 23095 | Mid | LTE Band 12 | 10 | 24.13 | 0 | A | QPSK | 1 | 0 | 0 mm | left | 1:1 | 0.211 | 34.87 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.
Data highlighted in blue was tested and provided by the manufacturer.

Table A-55
DSI = 1 P_{Limit} Calculations – LTE Band 13 Phablet SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | |
|---------------------|-------|--------|-------------|-----------------|-----------------------|----------|-----------------|------------|---------|-----------|---------|--------|------------|-----------|--------|----------------|
| FREQUENCY | | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB] | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (10g) | Plimit | Overall Plimit |
| MHz | Ch. | (W/kg) | | | | | | | | | | | | | | |
| 782.00 | 23230 | Mid | LTE Band 13 | 10 | 24.18 | 0 | A | QPSK | 1 | 0 | 0 mm | back | 1:1 | 1.135 | 27.61 | 27.61 |
| 782.00 | 23230 | Mid | LTE Band 13 | 10 | 24.18 | 0 | A | QPSK | 1 | 0 | 0 mm | front | 1:1 | 0.812 | 29.06 | |
| 782.00 | 23230 | Mid | LTE Band 13 | 10 | 24.18 | 0 | A | QPSK | 1 | 0 | 0 mm | bottom | 1:1 | 0.599 | 30.39 | |
| 782.00 | 23230 | Mid | LTE Band 13 | 10 | 24.18 | 0 | A | QPSK | 1 | 0 | 0 mm | right | 1:1 | 0.255 | 34.09 | |
| 782.00 | 23230 | Mid | LTE Band 13 | 10 | 24.18 | 0 | A | QPSK | 1 | 0 | 0 mm | left | 1:1 | 0.244 | 34.29 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.
Data highlighted in blue was tested and provided by the manufacturer.

Table A-56
DSI = 1 P_{Limit} Calculations – LTE Band 26 Phablet SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | |
|---------------------|-------|--------|--------------------|-----------------|-----------------------|----------|-----------------|------------|---------|-----------|---------|--------|------------|-----------|--------|----------------|
| FREQUENCY | | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB] | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (10g) | Plimit | Overall Plimit |
| MHz | Ch. | (W/kg) | | | | | | | | | | | | | | |
| 831.50 | 26865 | Mid | LTE Band 26 (Cell) | 15 | 24.13 | 0 | A | QPSK | 1 | 0 | 0 mm | back | 1:1 | 1.191 | 27.35 | 27.35 |
| 831.50 | 26865 | Mid | LTE Band 26 (Cell) | 15 | 24.13 | 0 | A | QPSK | 1 | 0 | 0 mm | front | 1:1 | 0.743 | 29.40 | |
| 831.50 | 26865 | Mid | LTE Band 26 (Cell) | 15 | 24.13 | 0 | A | QPSK | 1 | 0 | 0 mm | bottom | 1:1 | 0.557 | 30.65 | |
| 831.50 | 26865 | Mid | LTE Band 26 (Cell) | 15 | 24.13 | 0 | A | QPSK | 1 | 0 | 0 mm | right | 1:1 | 0.170 | 35.80 | |
| 831.50 | 26865 | Mid | LTE Band 26 (Cell) | 15 | 24.13 | 0 | A | QPSK | 1 | 0 | 0 mm | left | 1:1 | 0.728 | 29.49 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.
Data highlighted in blue was tested and provided by the manufacturer.




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|------------------------------------|--|------------------------|---|---------------------------------|
| FCC ID: A3LSMS906E |  Proud to be part of  | PART 0 SAR CHAR REPORT |  | Approved by: Quality Manager |
| Test Dates: 02/07/22 - 03/25/22 | DUT Type: Portable Handset | | | APPENDIX A: Page 28 of 34 |

Table A-57
DSI = 1 P_{Limit} Calculations – LTE Band 66 Phablet SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | | |
|---------------------|--------|------|-------------------|-----------------------|----------------|----------|----------|------------|---------|-----------|---------|------|------------|-----------|--------|----------------|-------|
| FREQUENCY | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB] | Waveform | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (10g) | Plimit | Overall Plimit | |
| MHz | Ch. | | | | | | | | | | | | | (W/kg) | | | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 20.52 | A | 0 | DFT-S-OFDM | QPSK | 1 | 104 | 0 mm | back | 1:1 | 1.250 | 23.53 | 21.39 |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 20.50 | A | 0 | DFT-S-OFDM | QPSK | 50 | 56 | 0 mm | back | 1:1 | 1.250 | 23.51 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 20.52 | A | 0 | DFT-S-OFDM | QPSK | 1 | 104 | 0 mm | front | 1:1 | 1.280 | 23.43 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 20.50 | A | 0 | DFT-S-OFDM | QPSK | 50 | 56 | 0 mm | front | 1:1 | 1.310 | 23.31 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 20.52 | A | 0 | DFT-S-OFDM | QPSK | 1 | 104 | 0 mm | bottom | 1:1 | 1.990 | 21.51 | |
| 1745.00 | 349000 | Mid | NR Band n66 (AWS) | 20 | 20.51 | A | 0 | DFT-S-OFDM | QPSK | 1 | 104 | 0 mm | bottom | 1:1 | 1.870 | 21.77 | |
| 1770.00 | 354000 | High | NR Band n66 (AWS) | 20 | 20.41 | A | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 0 mm | bottom | 1:1 | 1.800 | 21.84 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 20.50 | A | 0 | DFT-S-OFDM | QPSK | 50 | 56 | 0 mm | bottom | 1:1 | 2.000 | 21.47 | |
| 1745.00 | 349000 | Mid | NR Band n66 (AWS) | 20 | 20.45 | A | 0 | DFT-S-OFDM | QPSK | 50 | 56 | 0 mm | bottom | 1:1 | 1.900 | 21.64 | |
| 1770.00 | 354000 | High | NR Band n66 (AWS) | 20 | 20.26 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 0 mm | bottom | 1:1 | 1.740 | 21.83 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 20.42 | A | 0 | DFT-S-OFDM | QPSK | 100 | 0 | 0 mm | bottom | 1:1 | 2.000 | 21.39 | |
| 1745.00 | 349000 | Mid | NR Band n66 (AWS) | 20 | 20.48 | A | 0 | CP-OFDM | QPSK | 1 | 1 | 0 mm | bottom | 1:1 | 1.840 | 21.81 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 23.77 | A | 0 | DFT-S-OFDM | QPSK | 1 | 53 | 0 mm | right | 1:1 | 0.391 | 31.83 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 23.70 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 0 mm | right | 1:1 | 0.387 | 31.80 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 23.77 | A | 0 | DFT-S-OFDM | QPSK | 1 | 53 | 0 mm | left | 1:1 | 0.903 | 28.19 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 23.70 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 0 mm | left | 1:1 | 0.914 | 28.07 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 21.45 | I | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 0 mm | back | 1:1 | 1.120 | 24.94 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 21.45 | I | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 0 mm | front | 1:1 | 1.410 | 23.94 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 21.45 | I | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 0 mm | top | 1:1 | 2.400 | 21.63 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 21.45 | I | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 0 mm | right | 1:1 | 0.266 | 31.18 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-58
DSI = 1 P_{Limit} Calculations – LTE Band 4 Phablet SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | |
|---------------------|-------|------|------------------|-----------------------|----------|-----------------|------------|---------|-----------|---------|------|------------|-----------|--------|----------------|-------|
| FREQUENCY | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB] | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (10g) | Plimit | Overall Plimit | |
| MHz | Ch. | | | | | | | | | | | | (W/kg) | | | |
| 1732.50 | 20175 | Mid | LTE Band 4 (AWS) | 20 | 20.26 | 0 | I | QPSK | 1 | 50 | 0 mm | back | 1:1 | 1.011 | 24.19 | 20.99 |
| 1732.50 | 20175 | Mid | LTE Band 4 (AWS) | 20 | 20.26 | 0 | I | QPSK | 1 | 50 | 0 mm | front | 1:1 | 0.994 | 24.27 | |
| 1732.50 | 20175 | Mid | LTE Band 4 (AWS) | 20 | 20.26 | 0 | I | QPSK | 1 | 50 | 0 mm | top | 1:1 | 2.112 | 20.99 | |
| 1732.50 | 20175 | Mid | LTE Band 4 (AWS) | 20 | 20.26 | 0 | I | QPSK | 1 | 50 | 0 mm | right | 1:1 | 0.210 | 31.02 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.
Data highlighted in blue was tested and provided by the manufacturer.




| | | | | |
|------------------------------------|--|------------------------|---|---------------------------------|
| FCC ID: A3LSMS906E |  Proud to be part of  | PART 0 SAR CHAR REPORT |  | Approved by: Quality Manager |
| Test Dates: 02/07/22 - 03/25/22 | DUT Type: Portable Handset | | | APPENDIX A: Page 29 of 34 |

Table A-59
DSI = 1 P_{Limit} Calculations – LTE Band 25 Phablet SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | |
|---------------------|-------|------|-------------------|-----------------|-----------------------|----------|-----------------|------------|---------|-----------|---------|--------|------------|-----------|--------|----------------|
| FREQUENCY | | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB] | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (10g) | Plimit | Overall Plimit |
| MHz | Ch. | | | | | | | | | | | | | | | |
| 1882.50 | 26365 | Mid | LTE Band 25 (PCS) | 20 | 18.82 | 0 | A | QPSK | 1 | 50 | 0 mm | back | 1:1 | 1.270 | 21.76 | 21.41 |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 18.83 | 0 | A | QPSK | 50 | 25 | 0 mm | back | 1:1 | 1.150 | 22.20 | |
| 1882.50 | 26365 | Mid | LTE Band 25 (PCS) | 20 | 18.82 | 0 | A | QPSK | 1 | 50 | 0 mm | front | 1:1 | 1.230 | 21.90 | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 18.83 | 0 | A | QPSK | 50 | 25 | 0 mm | front | 1:1 | 1.100 | 22.40 | |
| 1882.50 | 26365 | Mid | LTE Band 25 (PCS) | 20 | 18.82 | 0 | A | QPSK | 1 | 50 | 0 mm | bottom | 1:1 | 1.100 | 22.39 | |
| 1905.00 | 26590 | High | LTE Band 25 (PCS) | 20 | 18.77 | 0 | A | QPSK | 1 | 50 | 0 mm | bottom | 1:1 | 1.360 | 21.41 | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 18.83 | 0 | A | QPSK | 50 | 25 | 0 mm | bottom | 1:1 | 1.260 | 21.81 | |
| 1882.50 | 26365 | Mid | LTE Band 25 (PCS) | 20 | 18.70 | 0 | A | QPSK | 50 | 25 | 0 mm | bottom | 1:1 | 1.130 | 22.15 | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 22.66 | 0 | A | QPSK | 1 | 50 | 0 mm | right | 1:1 | 0.348 | 31.22 | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 21.48 | 0 | A | QPSK | 50 | 25 | 0 mm | right | 1:1 | 0.278 | 31.02 | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 22.66 | 0 | A | QPSK | 1 | 50 | 0 mm | left | 1:1 | 0.746 | 27.91 | |
| 1860.00 | 26140 | Low | LTE Band 25 (PCS) | 20 | 21.48 | 0 | A | QPSK | 50 | 25 | 0 mm | left | 1:1 | 0.608 | 27.62 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.




| | | | | |
|------------------------------------|--|------------------------------|---|---------------------------------|
| FCC ID: A3LSMS906E |  Proud to be part of  | PART 0 SAR CHAR REPORT |  | Approved by: Quality Manager |
| Test Dates: 02/07/22 - 03/25/22 | DUT Type: Portable Handset | APPENDIX A: Page 30 of 34 | | |

Table A-60
DSI = 1 P_{Limit} Calculations – LTE Band 41 Phablet SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | |
|---------------------|-------|----------|-----------------|-----------------------|----------|-----------------|------------|---------|-----------|---------|------|------------|-----------|--------|----------------|-------|
| FREQUENCY | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | MPR [dB] | Antenna Config. | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (10g) | Plimit | Overall Plimit | |
| MHz | Ch. | | | | | | | | | | | | (W/kg) | | | |
| 2506.00 | 39750 | Low | LTE Band 41 | 20 | 22.63 | 0 | B | QPSK | 1 | 99 | 0 mm | back | 1:1.58 | 2.500 | 20.65 | 20.58 |
| 2549.50 | 40185 | Low-Mid | LTE Band 41 | 20 | 22.68 | 0 | B | QPSK | 1 | 50 | 0 mm | back | 1:1.58 | 2.570 | 20.58 | |
| 2593.00 | 40620 | Mid | LTE Band 41 | 20 | 22.90 | 0 | B | QPSK | 1 | 50 | 0 mm | back | 1:1.58 | 2.590 | 20.76 | |
| 2636.50 | 41055 | Mid-High | LTE Band 41 | 20 | 23.12 | 0 | B | QPSK | 1 | 50 | 0 mm | back | 1:1.58 | 2.710 | 20.79 | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 23.22 | 0 | B | QPSK | 1 | 50 | 0 mm | back | 1:1.58 | 2.260 | 21.67 | |
| 2506.00 | 39750 | Low | LTE Band 41 | 20 | 22.69 | 0 | B | QPSK | 50 | 25 | 0 mm | back | 1:1.58 | 2.540 | 20.64 | |
| 2549.50 | 40185 | Low-Mid | LTE Band 41 | 20 | 22.64 | 0 | B | QPSK | 50 | 25 | 0 mm | back | 1:1.58 | 2.530 | 20.60 | |
| 2593.00 | 40620 | Mid | LTE Band 41 | 20 | 22.85 | 0 | B | QPSK | 50 | 50 | 0 mm | back | 1:1.58 | 2.600 | 20.70 | |
| 2636.50 | 41055 | Mid-High | LTE Band 41 | 20 | 23.17 | 0 | B | QPSK | 50 | 25 | 0 mm | back | 1:1.58 | 2.650 | 20.93 | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 23.19 | 0 | B | QPSK | 50 | 50 | 0 mm | back | 1:1.58 | 2.260 | 21.64 | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 23.16 | 0 | B | QPSK | 100 | 0 | 0 mm | back | 1:1.58 | 2.230 | 21.67 | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 23.22 | 0 | B | QPSK | 1 | 50 | 0 mm | front | 1:1.58 | 0.849 | 25.93 | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 23.19 | 0 | B | QPSK | 50 | 50 | 0 mm | front | 1:1.58 | 0.840 | 25.94 | |
| 2506.00 | 39750 | Low | LTE Band 41 | 20 | 22.63 | 0 | B | QPSK | 1 | 99 | 0 mm | bottom | 1:1.58 | 1.620 | 22.53 | |
| 2549.50 | 40185 | Low-Mid | LTE Band 41 | 20 | 22.68 | 0 | B | QPSK | 1 | 50 | 0 mm | bottom | 1:1.58 | 1.550 | 22.77 | |
| 2593.00 | 40620 | Mid | LTE Band 41 | 20 | 22.90 | 0 | B | QPSK | 1 | 50 | 0 mm | bottom | 1:1.58 | 1.540 | 23.02 | |
| 2636.50 | 41055 | Mid-High | LTE Band 41 | 20 | 23.12 | 0 | B | QPSK | 1 | 50 | 0 mm | bottom | 1:1.58 | 1.460 | 23.47 | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 23.22 | 0 | B | QPSK | 1 | 50 | 0 mm | bottom | 1:1.58 | 1.410 | 23.72 | |
| 2506.00 | 39750 | Low | LTE Band 41 | 20 | 22.69 | 0 | B | QPSK | 50 | 25 | 0 mm | bottom | 1:1.58 | 1.580 | 22.70 | |
| 2549.50 | 40185 | Low-Mid | LTE Band 41 | 20 | 22.64 | 0 | B | QPSK | 50 | 25 | 0 mm | bottom | 1:1.58 | 1.560 | 22.70 | |
| 2593.00 | 40620 | Mid | LTE Band 41 | 20 | 22.85 | 0 | B | QPSK | 50 | 50 | 0 mm | bottom | 1:1.58 | 1.510 | 23.06 | |
| 2636.50 | 41055 | Mid-High | LTE Band 41 | 20 | 23.17 | 0 | B | QPSK | 50 | 25 | 0 mm | bottom | 1:1.58 | 1.470 | 23.49 | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 23.19 | 0 | B | QPSK | 50 | 50 | 0 mm | bottom | 1:1.58 | 1.410 | 23.69 | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 23.16 | 0 | B | QPSK | 100 | 0 | 0 mm | bottom | 1:1.58 | 1.390 | 23.73 | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 23.66 | 0 | B | QPSK | 1 | 50 | 0 mm | left | 1:1.58 | 0.662 | 27.45 | |
| 2680.00 | 41490 | High | LTE Band 41 | 20 | 22.61 | 0 | B | QPSK | 50 | 50 | 0 mm | left | 1:1.58 | 0.516 | 27.48 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-61
DSI = 1 P_{Limit} Calculations – NR Band n5 Phablet SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | | |
|---------------------|--------|------|-------------------|-----------------------|-----------------|----------|----------|------------|---------|-----------|---------|------|------------|-----------|--------|----------------|-------|
| FREQUENCY | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config. | MPR [dB] | Waveform | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (10g) | Plimit | Overall Plimit | |
| MHz | Ch. | | | | | | | | | | | | | (W/kg) | | | |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 24.30 | A | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 0 mm | back | 1:1 | 1.500 | 26.52 | 26.52 |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 24.30 | A | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 0 mm | front | 1:1 | 1.250 | 27.31 | |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 24.30 | A | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 0 mm | bottom | 1:1 | 0.855 | 28.96 | |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 24.30 | A | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 0 mm | right | 1:1 | 0.330 | 33.09 | |
| 836.50 | 167300 | Mid | NR Band n5 (Cell) | 20 | 24.30 | A | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 0 mm | left | 1:1 | 0.122 | 37.42 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Data highlighted in blue was tested and provided by the manufacturer.




| | | | | |
|------------------------------------|--|------------------------|---|---------------------------------|
| FCC ID: A3LSMS906E |  Proud to be part of  | PART 0 SAR CHAR REPORT |  | Approved by: Quality Manager |
| Test Dates: 02/07/22 - 03/25/22 | DUT Type: Portable Handset | | | APPENDIX A: Page 31 of 34 |

Table A-62
DSI = 1 P_{Limit} Calculations – NR Band n66 Phablet SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | | |
|---------------------|--------|------|-------------------|-----------------------|----------------|----------|----------|------------|---------|-----------|---------|------|------------|-----------|--------|----------------|-------|
| FREQUENCY | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB] | Waveform | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (10g) | Plimit | Overall Plimit | |
| MHz | Ch. | | | | | | | | | | | | | (W/kg) | | | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 20.52 | A | 0 | DFT-S-OFDM | QPSK | 1 | 104 | 0 mm | back | 1:1 | 1.250 | 23.53 | 21.39 |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 20.50 | A | 0 | DFT-S-OFDM | QPSK | 50 | 56 | 0 mm | back | 1:1 | 1.250 | 23.51 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 20.52 | A | 0 | DFT-S-OFDM | QPSK | 1 | 104 | 0 mm | front | 1:1 | 1.280 | 23.43 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 20.50 | A | 0 | DFT-S-OFDM | QPSK | 50 | 56 | 0 mm | front | 1:1 | 1.310 | 23.31 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 20.52 | A | 0 | DFT-S-OFDM | QPSK | 1 | 104 | 0 mm | bottom | 1:1 | 1.990 | 21.51 | |
| 1745.00 | 349000 | Mid | NR Band n66 (AWS) | 20 | 20.51 | A | 0 | DFT-S-OFDM | QPSK | 1 | 104 | 0 mm | bottom | 1:1 | 1.870 | 21.77 | |
| 1770.00 | 354000 | High | NR Band n66 (AWS) | 20 | 20.41 | A | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 0 mm | bottom | 1:1 | 1.800 | 21.84 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 20.50 | A | 0 | DFT-S-OFDM | QPSK | 50 | 56 | 0 mm | bottom | 1:1 | 2.000 | 21.47 | |
| 1745.00 | 349000 | Mid | NR Band n66 (AWS) | 20 | 20.45 | A | 0 | DFT-S-OFDM | QPSK | 50 | 56 | 0 mm | bottom | 1:1 | 1.900 | 21.64 | |
| 1770.00 | 354000 | High | NR Band n66 (AWS) | 20 | 20.26 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 0 mm | bottom | 1:1 | 1.740 | 21.83 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 20.42 | A | 0 | DFT-S-OFDM | QPSK | 100 | 0 | 0 mm | bottom | 1:1 | 2.000 | 21.39 | |
| 1745.00 | 349000 | Mid | NR Band n66 (AWS) | 20 | 20.48 | A | 0 | CP-OFDM | QPSK | 1 | 1 | 0 mm | bottom | 1:1 | 1.840 | 21.81 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 23.77 | A | 0 | DFT-S-OFDM | QPSK | 1 | 53 | 0 mm | right | 1:1 | 0.391 | 31.83 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 23.70 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 0 mm | right | 1:1 | 0.387 | 31.80 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 23.77 | A | 0 | DFT-S-OFDM | QPSK | 1 | 53 | 0 mm | left | 1:1 | 0.903 | 28.19 | |
| 1720.00 | 344000 | Low | NR Band n66 (AWS) | 20 | 23.70 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 0 mm | left | 1:1 | 0.914 | 28.07 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.

Table A-63
DSI = 1 P_{Limit} Calculations – NR Band n25 Phablet SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | | |
|---------------------|--------|------|-------------------|-----------------------|----------------|----------|----------|------------|---------|-----------|---------|------|------------|-----------|--------|----------------|-------|
| FREQUENCY | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB] | Waveform | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (10g) | Plimit | Overall Plimit | |
| MHz | Ch. | | | | | | | | | | | | | (W/kg) | | | |
| 1860.00 | 372000 | Low | NR Band n25 (PCS) | 20 | 20.75 | A | 0 | DFT-S-OFDM | QPSK | 1 | 104 | 0 mm | back | 1:1 | 1.690 | 22.45 | 21.14 |
| 1882.50 | 376500 | Mid | NR Band n25 (PCS) | 20 | 20.79 | A | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 0 mm | back | 1:1 | 1.870 | 22.05 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 20.90 | A | 0 | DFT-S-OFDM | QPSK | 1 | 53 | 0 mm | back | 1:1 | 1.900 | 22.09 | |
| 1860.00 | 372000 | Low | NR Band n25 (PCS) | 20 | 20.92 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 0 mm | back | 1:1 | 1.710 | 22.57 | |
| 1882.50 | 376500 | Mid | NR Band n25 (PCS) | 20 | 20.90 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 0 mm | back | 1:1 | 1.930 | 22.02 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 20.96 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 0 mm | back | 1:1 | 1.990 | 21.95 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 20.89 | A | 0 | DFT-S-OFDM | QPSK | 100 | 0 | 0 mm | back | 1:1 | 1.940 | 21.99 | |
| 1860.00 | 372000 | Low | NR Band n25 (PCS) | 20 | 20.75 | A | 0 | DFT-S-OFDM | QPSK | 1 | 104 | 0 mm | front | 1:1 | 1.640 | 22.58 | |
| 1882.50 | 376500 | Mid | NR Band n25 (PCS) | 20 | 20.79 | A | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 0 mm | front | 1:1 | 1.860 | 22.07 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 20.90 | A | 0 | DFT-S-OFDM | QPSK | 1 | 53 | 0 mm | front | 1:1 | 1.940 | 22.00 | |
| 1860.00 | 372000 | Low | NR Band n25 (PCS) | 20 | 20.92 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 0 mm | front | 1:1 | 1.710 | 22.57 | |
| 1882.50 | 376500 | Mid | NR Band n25 (PCS) | 20 | 20.90 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 0 mm | front | 1:1 | 1.880 | 22.14 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 20.96 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 0 mm | front | 1:1 | 1.970 | 21.99 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 20.89 | A | 0 | DFT-S-OFDM | QPSK | 100 | 0 | 0 mm | front | 1:1 | 1.930 | 22.01 | |
| 1860.00 | 372000 | Low | NR Band n25 (PCS) | 20 | 20.75 | A | 0 | DFT-S-OFDM | QPSK | 1 | 104 | 0 mm | bottom | 1:1 | 1.920 | 21.90 | |
| 1882.50 | 376500 | Mid | NR Band n25 (PCS) | 20 | 20.79 | A | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 0 mm | bottom | 1:1 | 2.260 | 21.23 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 20.90 | A | 0 | DFT-S-OFDM | QPSK | 1 | 53 | 0 mm | bottom | 1:1 | 2.280 | 21.30 | |
| 1860.00 | 372000 | Low | NR Band n25 (PCS) | 20 | 20.92 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 0 mm | bottom | 1:1 | 2.010 | 21.87 | |
| 1882.50 | 376500 | Mid | NR Band n25 (PCS) | 20 | 20.90 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 0 mm | bottom | 1:1 | 2.280 | 21.30 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 20.96 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 0 mm | bottom | 1:1 | 2.200 | 21.52 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 20.89 | A | 0 | DFT-S-OFDM | QPSK | 100 | 0 | 0 mm | bottom | 1:1 | 2.280 | 21.29 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 20.76 | A | 0 | CP-OFDM | QPSK | 1 | 1 | 0 mm | bottom | 1:1 | 2.290 | 21.14 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 23.33 | A | 0 | DFT-S-OFDM | QPSK | 1 | 53 | 0 mm | right | 1:1 | 0.380 | 31.51 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 23.47 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 0 mm | right | 1:1 | 0.394 | 31.49 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 23.33 | A | 0 | DFT-S-OFDM | QPSK | 1 | 53 | 0 mm | left | 1:1 | 0.588 | 29.62 | |
| 1905.00 | 381000 | High | NR Band n25 (PCS) | 20 | 23.47 | A | 0 | DFT-S-OFDM | QPSK | 50 | 28 | 0 mm | left | 1:1 | 0.612 | 29.58 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation..




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|------------------------------------|--|------------------------------|---|---------------------------------|
| FCC ID: A3LSMS906E |  Proud to be part of  | PART 0 SAR CHAR REPORT |  | Approved by: Quality Manager |
| Test Dates: 02/07/22 - 03/25/22 | DUT Type: Portable Handset | APPENDIX A: Page 32 of 34 | | |

Table A-64
DSI = 1 P_{Limit} Calculations – NR Band n41 Phablet SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | | |
|---------------------|--------|------|-----------------|-----------------------|----------------|----------|----------|------------|---------|-----------|---------|------|------------|-----------|--------|----------------|-------|
| FREQUENCY | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB] | Waveform | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (10g) | Plimit | Overall Plimit | |
| MHz | Ch. | | | | | | | | | | | | | (W/kg) | | | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 18.89 | I | 0 | DFT-S-OFDM | QPSK | 1 | 137 | 0 mm | back | 1:1 | 1.330 | 21.63 | 20.37 |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 18.89 | I | 0 | DFT-S-OFDM | QPSK | 1 | 137 | 0 mm | front | 1:1 | 0.991 | 22.91 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 18.89 | I | 0 | DFT-S-OFDM | QPSK | 1 | 137 | 0 mm | top | 1:1 | 1.490 | 21.14 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 18.78 | I | 0 | DFT-S-OFDM | QPSK | 135 | 69 | 0 mm | top | 1:1 | 1.490 | 21.03 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 18.59 | I | 0 | DFT-S-OFDM | QPSK | 270 | 0 | 0 mm | top | 1:1 | 1.660 | 20.37 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 18.41 | I | 0 | CP-OFDM | QPSK | 1 | 1 | 0 mm | top | 1:1 | 1.430 | 20.84 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 18.89 | I | 0 | DFT-S-OFDM | QPSK | 1 | 137 | 0 mm | right | 1:1 | 0.174 | 30.46 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 16.58 | B | 0 | CW/SRS | N/A | N/A | N/A | 0 mm | back | 1:1 | 0.788 | 21.59 | 21.59 |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 16.58 | B | 0 | CW/SRS | N/A | N/A | N/A | 0 mm | front | 1:1 | 0.554 | 23.12 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 16.58 | B | 0 | CW/SRS | N/A | N/A | N/A | 0 mm | bottom | 1:1 | 0.456 | 23.97 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 16.58 | B | 0 | CW/SRS | N/A | N/A | N/A | 0 mm | left | 1:1 | 0.321 | 25.49 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 13.41 | E | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | back | 1:1 | 0.277 | 22.96 | 22.02 |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 13.41 | E | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | front | 1:1 | 0.344 | 22.02 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 13.41 | E | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | top | 1:1 | 0.331 | 22.19 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 13.41 | E | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | right | 1:1 | 0.011 | 36.98 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 13.41 | E | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | left | 1:1 | 0.111 | 26.94 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 14.09 | D | 0 | CW/SRS | N/A | N/A | N/A | 0 mm | back | 1:1 | 0.333 | 22.84 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 14.09 | D | 0 | CW/SRS | N/A | N/A | N/A | 0 mm | front | 1:1 | 0.055 | 30.67 | 22.84 |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 14.09 | D | 0 | CW/SRS | N/A | N/A | N/A | 0 mm | bottom | 1:1 | 0.044 | 31.63 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 14.09 | D | 0 | CW/SRS | N/A | N/A | N/A | 0 mm | right | 1:1 | 0.011 | 37.66 | |
| 2592.99 | 518598 | Mid | NR Band n41 | 100 | 14.09 | D | 0 | CW/SRS | N/A | N/A | N/A | 0 mm | left | 1:1 | 0.021 | 34.85 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.
Data highlighted in blue was tested and provided by the manufacturer.







| | | | | |
|------------------------------------|---|------------------------|---|---------------------------------|
| FCC ID: A3LSMS906E |  PCTEST Proud to be part of  | PART 0 SAR CHAR REPORT |  | Approved by: Quality Manager |
| Test Dates: 02/07/22 - 03/25/22 | DUT Type: Portable Handset | | | APPENDIX A: Page 33 of 34 |

Table A-65
DSI = 1 P_{Limit} Calculations – NR Band n77 Phablet SAR

| MEASUREMENT RESULTS | | | | | | | | | | | | | | | | | |
|---------------------|--------|------|-----------------|-----------------------|----------------|----------|----------|------------|---------|-----------|---------|------|------------|-----------|--------------------|----------------------------|-------|
| FREQUENCY | | Mode | Bandwidth [MHz] | Conducted Power [dBm] | Antenna Config | MPR [dB] | Waveform | Modulation | RB Size | RB Offset | Spacing | Side | Duty Cycle | SAR (10g) | P _{limit} | Overall P _{limit} | |
| MHz | Ch. | | | | | | | | | | | | | (W/kg) | | | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 18.35 | F | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 0 mm | back | 1:1 | 0.622 | 23.18 | 18.88 |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 18.35 | F | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 0 mm | front | 1:1 | 0.771 | 23.46 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 18.35 | F | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 0 mm | top | 1:1 | 0.143 | 30.78 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 18.35 | F | 0 | DFT-S-OFDM | QPSK | 1 | 1 | 0 mm | left | 1:1 | 2.110 | 19.09 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 18.24 | F | 0 | DFT-S-OFDM | QPSK | 135 | 0 | 0 mm | left | 1:1 | 2.000 | 19.21 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 18.09 | F | 0 | DFT-S-OFDM | QPSK | 270 | 0 | 0 mm | left | 1:1 | 1.970 | 19.12 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 18.08 | F | 0 | CP-OFDM | QPSK | 1 | 1 | 0 mm | left | 1:1 | 2.080 | 18.88 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.57 | C | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | back | 1:1 | 0.554 | 22.11 | 22.11 |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.57 | C | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | front | 1:1 | 0.066 | 31.35 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.57 | C | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | bottom | 1:1 | 0.133 | 28.31 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.57 | C | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | left | 1:1 | 0.002 | 46.54 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 17.41 | H | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | back | 1:1 | 1.100 | 20.98 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 17.41 | H | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | front | 1:1 | 0.002 | 48.38 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 17.41 | H | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | bottom | 1:1 | 0.022 | 37.97 | 20.98 |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 17.41 | H | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | left | 1:1 | 0.011 | 40.98 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.08 | D | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | back | 1:1 | 1.400 | 17.60 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.08 | D | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | front | 1:1 | 0.233 | 25.39 | 17.60 |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.08 | D | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | bottom | 1:1 | 0.031 | 34.15 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.08 | D | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | right | 1:1 | 0.021 | 35.84 | |
| 3500.01 | 633334 | Mid | NR Band n77 DoD | 100 | 15.08 | D | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | left | 1:1 | 0.002 | 46.05 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 18.98 | F | 0 | DFT-S-OFDM | QPSK | 1 | 137 | 0 mm | back | 1:1 | 1.210 | 22.13 | 18.02 |
| 3930.00 | 662000 | High | NR Band n77 | 100 | 18.90 | F | 0 | DFT-S-OFDM | QPSK | 1 | 137 | 0 mm | back | 1:1 | 1.110 | 22.43 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 18.93 | F | 0 | DFT-S-OFDM | QPSK | 135 | 69 | 0 mm | back | 1:1 | 0.981 | 22.99 | |
| 3930.00 | 662000 | High | NR Band n77 | 100 | 18.91 | F | 0 | DFT-S-OFDM | QPSK | 135 | 138 | 0 mm | back | 1:1 | 1.290 | 21.78 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 18.86 | F | 0 | DFT-S-OFDM | QPSK | 270 | 0 | 0 mm | back | 1:1 | 1.020 | 22.75 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 18.88 | F | 0 | DFT-S-OFDM | QPSK | 1 | 137 | 0 mm | front | 1:1 | 1.022 | 22.86 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 18.98 | F | 0 | DFT-S-OFDM | QPSK | 1 | 137 | 0 mm | top | 1:1 | 0.771 | 24.09 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 18.98 | F | 0 | DFT-S-OFDM | QPSK | 1 | 137 | 0 mm | left | 1:1 | 2.520 | 18.95 | |
| 3930.00 | 662000 | High | NR Band n77 | 100 | 18.90 | F | 0 | DFT-S-OFDM | QPSK | 1 | 137 | 0 mm | left | 1:1 | 3.060 | 18.02 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 18.93 | F | 0 | DFT-S-OFDM | QPSK | 135 | 69 | 0 mm | left | 1:1 | 2.400 | 19.11 | |
| 3930.00 | 662000 | High | NR Band n77 | 100 | 18.91 | F | 0 | DFT-S-OFDM | QPSK | 135 | 138 | 0 mm | left | 1:1 | 2.980 | 18.15 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 18.86 | F | 0 | DFT-S-OFDM | QPSK | 270 | 0 | 0 mm | left | 1:1 | 2.360 | 19.11 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 18.28 | F | 0 | CP-OFDM | QPSK | 1 | 1 | 0 mm | left | 1:1 | 2.170 | 18.89 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.53 | C | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | back | 1:1 | 0.211 | 27.27 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.53 | C | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | front | 1:1 | 0.011 | 40.10 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.53 | C | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | bottom | 1:1 | 0.033 | 35.32 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.53 | C | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | left | 1:1 | 0.344 | 25.14 | |
| 3930.00 | 662000 | High | NR Band n77 | 100 | 17.89 | H | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | back | 1:1 | 0.733 | 23.22 | 23.22 |
| 3930.00 | 662000 | High | NR Band n77 | 100 | 17.89 | H | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | front | 1:1 | 0.001 | 51.87 | |
| 3930.00 | 662000 | High | NR Band n77 | 100 | 17.89 | H | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | top | 1:1 | 0.011 | 41.46 | |
| 3930.00 | 662000 | High | NR Band n77 | 100 | 17.89 | H | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | left | 1:1 | 0.001 | 51.87 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.26 | D | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | back | 1:1 | 0.411 | 24.10 | 24.10 |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.26 | D | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | front | 1:1 | 0.002 | 47.23 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.26 | D | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | bottom | 1:1 | 0.011 | 39.83 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.26 | D | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | right | 1:1 | 0.010 | 40.24 | |
| 3750.00 | 650000 | Low | NR Band n77 | 100 | 16.26 | D | N/A | CW/SRS | N/A | N/A | N/A | 0 mm | left | 1:1 | 0.021 | 37.02 | |

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.
Data highlighted in blue was tested and provided by the manufacturer.

| | | | | |
|------------------------------------|---|------------------------|---|---------------------------------|
| FCC ID: A3LSMS906E |  PCTEST Proud to be part of  | PART 0 SAR CHAR REPORT |  | Approved by: Quality Manager |
| Test Dates: 02/07/22 - 03/25/22 | DUT Type: Portable Handset | | | APPENDIX A: Page 34 of 34 |