

15.3 Body SAR in Hotspot Mode

> GSM Body SAR in Hotspot mode

| Plot No. | Band/Mode | ANT | Test Position | CH. | Freq. (MHz) | Ave. Power (dBm) | Power Drift (dB) | Tune-Up Limit (dBm) | Meas. SAR _{1g} (W/kg) | Scaling Factor | Reported SAR _{1g} (W/kg) |
|---|------------------|-----|---------------|-----|-------------|-------------------------|------------------|---------------------|--------------------------------|----------------|-----------------------------------|
| | GPRS850/4 slots | 1 | Front | 190 | 836.6 | 33.45 | -0.01 | 33.5 | 0.131 | 1.012 | 0.133 |
| | GPRS850/4 slots | 1 | Back | 190 | 836.6 | 33.45 | -0.14 | 33.5 | 0.488 | 1.012 | 0.494 |
| | GPRS850/4 slots | 1 | Left | 190 | 836.6 | 33.45 | 0.01 | 33.5 | 0.052 | 1.012 | 0.052 |
| | GPRS850/4 slots | 1 | Top | 190 | 836.6 | 33.45 | 0.00 | 33.5 | 0.392 | 1.012 | 0.397 |
| | GPRS850/4 slots | 0 | Front | 190 | 836.6 | 33.51 | -0.03 | 34.0 | 0.094 | 1.119 | 0.105 |
| 17 | GPRS850/4 slots | 0 | Back | 190 | 836.6 | 33.51 | 0.08 | 34.0 | 0.527 | 1.119 | 0.590 |
| | GPRS850/4 slots | 0 | Left | 190 | 836.6 | 33.51 | 0.05 | 34.0 | 0.117 | 1.119 | 0.131 |
| | GPRS850/4 slots | 0 | Right | 190 | 836.6 | 33.51 | 0.01 | 34.0 | 0.043 | 1.119 | 0.048 |
| | GPRS850/4 slots | 0 | Bottom | 190 | 836.6 | 33.51 | 0.07 | 34.0 | 0.366 | 1.119 | 0.410 |
| | GPRS1900/4 slots | 1 | Front | 661 | 1880 | 31.01 | -0.01 | 31.5 | 0.153 | 1.119 | 0.171 |
| | GPRS1900/4 slots | 1 | Back | 661 | 1880 | 31.01 | 0.10 | 31.5 | 0.571 | 1.119 | 0.639 |
| | GPRS1900/4 slots | 1 | Left | 661 | 1880 | 31.01 | 0.01 | 31.5 | 0.060 | 1.119 | 0.067 |
| | GPRS1900/4 slots | 1 | Top | 661 | 1880 | 31.01 | 0.02 | 31.5 | 0.459 | 1.119 | 0.514 |
| | GPRS1900/4 slots | 0 | Front | 661 | 1880 | 30.38 | 0.15 | 30.5 | 0.130 | 1.028 | 0.134 |
| 18 | GPRS1900/4 slots | 0 | Back | 661 | 1880 | 30.38 | -0.09 | 30.5 | 0.797 | 1.028 | 0.819 |
| | GPRS1900/4 slots | 0 | Left | 661 | 1880 | 30.38 | -0.04 | 30.5 | 0.162 | 1.028 | 0.167 |
| | GPRS1900/4 slots | 0 | Right | 661 | 1880 | 30.38 | 0.08 | 30.5 | 0.060 | 1.028 | 0.061 |
| | GPRS1900/4 slots | 0 | Bottom | 661 | 1880 | 30.38 | 0.01 | 30.5 | 0.507 | 1.028 | 0.521 |
| | GPRS1900/4 slots | 0 | Back | 512 | 1850.2 | 30.05 | 0.10 | 30.5 | 0.714 | 1.109 | 0.792 |
| | GPRS1900/4 slots | 0 | Back | 810 | 1909.8 | 30.25 | -0.06 | 30.5 | 0.762 | 1.059 | 0.807 |
| ANSI / IEEE C95.1 – SAFETY LIMIT | | | | | | | | | | | |
| Spatial Peak | | | | | | 1.6 W/kg (mW/g) | | | | | |
| Uncontrolled Exposure/General Population | | | | | | Averaged over 1g | | | | | |

➤ WCDMA Body SAR in Hotspot mode

| Plot No. | Band/Mode | ANT | Test Position | CH. | Freq. (MHz) | Ave. Power (dBm) | Power Drift (dB) | Tune-Up Limit (dBm) | Meas. SAR _{1g} (W/kg) | Scaling Factor | Reported SAR _{1g} (W/kg) |
|---|-------------|-----|---------------|------|-------------|-------------------------|------------------|---------------------|--------------------------------|----------------|-----------------------------------|
| | Band II/RMC | 1 | Front | 9538 | 1907.6 | 23.37 | 0.01 | 23.5 | 0.050 | 1.030 | 0.052 |
| | Band II/RMC | 1 | Back | 9538 | 1907.6 | 23.37 | -0.08 | 23.5 | 0.186 | 1.030 | 0.192 |
| | Band II/RMC | 1 | Left | 9538 | 1907.6 | 23.37 | 0.00 | 23.5 | 0.020 | 1.030 | 0.020 |
| | Band II/RMC | 1 | Top | 9538 | 1907.6 | 23.37 | 0.02 | 23.5 | 0.149 | 1.030 | 0.153 |
| | Band II/RMC | 0 | Front | 9538 | 1907.6 | 23.12 | 0.07 | 23.5 | 0.041 | 1.091 | 0.044 |
| 19 | Band II/RMC | 0 | Back | 9538 | 1907.6 | 23.12 | -0.02 | 23.5 | 0.229 | 1.091 | 0.250 |
| | Band II/RMC | 0 | Left | 9538 | 1907.6 | 23.12 | -0.08 | 23.5 | 0.051 | 1.091 | 0.056 |
| | Band II/RMC | 0 | Right | 9538 | 1907.6 | 23.12 | 0.01 | 23.5 | 0.019 | 1.091 | 0.020 |
| | Band II/RMC | 0 | Bottom | 9538 | 1907.6 | 23.12 | 0.09 | 23.5 | 0.158 | 1.091 | 0.172 |
| | Band IV/RMC | 1 | Front | 1312 | 1712.4 | 23.14 | 0.01 | 23.5 | 0.041 | 1.086 | 0.044 |
| | Band IV/RMC | 1 | Back | 1312 | 1712.4 | 23.14 | 0.19 | 23.5 | 0.151 | 1.086 | 0.164 |
| | Band IV/RMC | 1 | Left | 1312 | 1712.4 | 23.14 | 0.06 | 23.5 | 0.016 | 1.086 | 0.017 |
| | Band IV/RMC | 1 | Top | 1312 | 1712.4 | 23.14 | 0.01 | 23.5 | 0.121 | 1.086 | 0.131 |
| | Band IV/RMC | 0 | Front | 1312 | 1712.4 | 23.12 | -0.11 | 23.5 | 0.073 | 1.091 | 0.080 |
| 20 | Band IV/RMC | 0 | Back | 1312 | 1712.4 | 23.12 | 0.12 | 23.5 | 0.205 | 1.091 | 0.224 |
| | Band IV/RMC | 0 | Left | 1312 | 1712.4 | 23.12 | 0.00 | 23.5 | 0.046 | 1.091 | 0.050 |
| | Band IV/RMC | 0 | Right | 1312 | 1712.4 | 23.12 | -0.09 | 23.5 | 0.017 | 1.091 | 0.018 |
| | Band IV/RMC | 0 | Bottom | 1312 | 1712.4 | 23.12 | -0.11 | 23.5 | 0.187 | 1.091 | 0.204 |
| | Band V/RMC | 1 | Front | 4132 | 826.4 | 23.42 | 0.04 | 23.5 | 0.083 | 1.019 | 0.084 |
| 21 | Band V/RMC | 1 | Back | 4132 | 826.4 | 23.42 | -0.03 | 23.5 | 0.308 | 1.019 | 0.314 |
| | Band V/RMC | 1 | Left | 4132 | 826.4 | 23.42 | 0.00 | 23.5 | 0.033 | 1.019 | 0.033 |
| | Band V/RMC | 1 | Top | 4132 | 826.4 | 23.42 | -0.01 | 23.5 | 0.247 | 1.019 | 0.252 |
| | Band V/RMC | 0 | Front | 4132 | 826.4 | 23.30 | -0.01 | 23.5 | 0.153 | 1.047 | 0.160 |
| | Band V/RMC | 0 | Back | 4132 | 826.4 | 23.30 | -0.07 | 23.5 | 0.224 | 1.047 | 0.235 |
| | Band V/RMC | 0 | Left | 4132 | 826.4 | 23.30 | 0.00 | 23.5 | 0.050 | 1.047 | 0.052 |
| | Band V/RMC | 0 | Right | 4132 | 826.4 | 23.30 | 0.16 | 23.5 | 0.018 | 1.047 | 0.019 |
| | Band V/RMC | 0 | Bottom | 4132 | 826.4 | 23.30 | -0.02 | 23.5 | 0.117 | 1.047 | 0.122 |
| ANSI / IEEE C95.1 – SAFETY LIMIT | | | | | | 1.6 W/kg (mW/g) | | | | | |
| Spatial Peak | | | | | | Averaged over 1g | | | | | |
| Uncontrolled Exposure/General Population | | | | | | | | | | | |

➤ FDD-LTE Band 2(20MHz) QPSK Body SAR in Hotspot mode

| Plot No. | Band/Mode | ANT | Test Position | CH. | Freq. (MHz) | Ave. Power (dBm) | Power Drift (dB) | Tune-Up Limit (dBm) | Meas. SAR _{1g} (W/kg) | Scaling Factor | Reported SAR _{1g} (W/kg) |
|---|----------------|-----|---------------|-------|-------------|------------------|------------------|---|--------------------------------|----------------|-----------------------------------|
| | Band2/1RB#49 | 1 | Front | 18900 | 1880 | 23.64 | 0.00 | 24.0 | 0.084 | 1.086 | 0.091 |
| 22 | Band2/1RB#49 | 1 | Back | 18900 | 1880 | 23.64 | 0.10 | 24.0 | 0.311 | 1.086 | 0.338 |
| | Band2/1RB#49 | 1 | Left | 18900 | 1880 | 23.64 | -0.10 | 24.0 | 0.033 | 1.086 | 0.036 |
| | Band2/1RB#49 | 1 | Top | 18900 | 1880 | 23.64 | 0.15 | 24.0 | 0.250 | 1.086 | 0.272 |
| | Band2/1RB#49 | 0 | Front | 18900 | 1880 | 23.04 | -0.01 | 23.5 | 0.041 | 1.112 | 0.046 |
| | Band2/1RB#49 | 0 | Back | 18900 | 1880 | 23.04 | -0.19 | 23.5 | 0.232 | 1.112 | 0.258 |
| | Band2/1RB#49 | 0 | Left | 18900 | 1880 | 23.04 | 0.03 | 23.5 | 0.052 | 1.112 | 0.057 |
| | Band2/1RB#49 | 0 | Right | 18900 | 1880 | 23.04 | 0.02 | 23.5 | 0.019 | 1.112 | 0.021 |
| | Band2/1RB#49 | 0 | Bottom | 18900 | 1880 | 23.04 | 0.14 | 23.5 | 0.161 | 1.112 | 0.179 |
| | Band2/50%RB#24 | 1 | Front | 18900 | 1880 | 22.64 | 0.14 | 23.0 | 0.080 | 1.086 | 0.087 |
| | Band2/50%RB#24 | 1 | Back | 18900 | 1880 | 22.64 | 0.01 | 23.0 | 0.298 | 1.086 | 0.324 |
| | Band2/50%RB#24 | 1 | Left | 18900 | 1880 | 22.64 | -0.13 | 23.0 | 0.032 | 1.086 | 0.034 |
| | Band2/50%RB#24 | 1 | Top | 18900 | 1880 | 22.64 | 0.10 | 23.0 | 0.239 | 1.086 | 0.260 |
| | Band2/50%RB#0 | 0 | Front | 18900 | 1880 | 22.05 | 0.01 | 22.5 | 0.035 | 1.109 | 0.039 |
| | Band2/50%RB#0 | 0 | Back | 18900 | 1880 | 22.05 | 0.02 | 22.5 | 0.199 | 1.109 | 0.221 |
| | Band2/50%RB#0 | 0 | Left | 18900 | 1880 | 22.05 | -0.12 | 22.5 | 0.044 | 1.109 | 0.049 |
| | Band2/50%RB#0 | 0 | Right | 18900 | 1880 | 22.05 | 0.01 | 22.5 | 0.016 | 1.109 | 0.018 |
| | Band2/50%RB#0 | 0 | Bottom | 18900 | 1880 | 22.05 | 0.05 | 22.5 | 0.138 | 1.109 | 0.153 |
| ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population | | | | | | | | 1.6 W/kg (mW/g) Averaged over 1g | | | |

➤ FDD-LTE Band 4(20MHz) QPSK Body SAR in Hotspot mode

| Plot No. | Band/Mode | ANT | Test Position | CH. | Freq. (MHz) | Ave. Power (dBm) | Power Drift (dB) | Tune-Up Limit (dBm) | Meas. SAR _{1g} (W/kg) | Scaling Factor | Reported SAR _{1g} (W/kg) |
|---|----------------|-----|---------------|-------|-------------|------------------|------------------|---|--------------------------------|----------------|-----------------------------------|
| | Band4/1RB#49 | 1 | Front | 20300 | 1745 | 23.61 | 0.08 | 24.0 | 0.034 | 1.094 | 0.037 |
| | Band4/1RB#49 | 1 | Back | 20300 | 1745 | 23.61 | 0.07 | 24.0 | 0.126 | 1.094 | 0.138 |
| | Band4/1RB#49 | 1 | Left | 20300 | 1745 | 23.61 | 0.06 | 24.0 | 0.013 | 1.094 | 0.015 |
| | Band4/1RB#49 | 1 | Top | 20300 | 1745 | 23.61 | -0.15 | 24.0 | 0.101 | 1.094 | 0.110 |
| | Band4/1RB#49 | 0 | Front | 20300 | 1745 | 22.73 | 0.11 | 23.0 | 0.037 | 1.064 | 0.039 |
| 23 | Band4/1RB#49 | 0 | Back | 20300 | 1745 | 22.73 | 0.12 | 23.0 | 0.208 | 1.064 | 0.221 |
| | Band4/1RB#49 | 0 | Left | 20300 | 1745 | 22.73 | 0.07 | 23.0 | 0.046 | 1.064 | 0.049 |
| | Band4/1RB#49 | 0 | Right | 20300 | 1745 | 22.73 | 0.00 | 23.0 | 0.017 | 1.064 | 0.018 |
| | Band4/1RB#49 | 0 | Bottom | 20300 | 1745 | 22.73 | 0.01 | 23.0 | 0.144 | 1.064 | 0.153 |
| | Band4/50%RB#0 | 1 | Front | 20300 | 1745 | 22.46 | 0.08 | 22.5 | 0.027 | 1.009 | 0.027 |
| | Band4/50%RB#0 | 1 | Back | 20300 | 1745 | 22.46 | 0.01 | 22.5 | 0.101 | 1.009 | 0.102 |
| | Band4/50%RB#0 | 1 | Left | 20300 | 1745 | 22.46 | 0.13 | 22.5 | 0.011 | 1.009 | 0.011 |
| | Band4/50%RB#0 | 1 | Top | 20300 | 1745 | 22.46 | -0.14 | 22.5 | 0.081 | 1.009 | 0.082 |
| | Band4/50%RB#49 | 0 | Front | 20300 | 1745 | 21.63 | 0.16 | 22.0 | 0.032 | 1.089 | 0.035 |
| | Band4/50%RB#49 | 0 | Back | 20300 | 1745 | 21.63 | 0.01 | 22.0 | 0.182 | 1.089 | 0.198 |
| | Band4/50%RB#49 | 0 | Left | 20300 | 1745 | 21.63 | 0.04 | 22.0 | 0.040 | 1.089 | 0.044 |
| | Band4/50%RB#49 | 0 | Right | 20300 | 1745 | 21.63 | 0.06 | 22.0 | 0.015 | 1.089 | 0.016 |
| | Band4/50%RB#49 | 0 | Bottom | 20300 | 1745 | 21.63 | 0.04 | 22.0 | 0.126 | 1.089 | 0.137 |
| ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population | | | | | | | | 1.6 W/kg (mW/g) Averaged over 1g | | | |

➤ FDD-LTE Band 5(10MHz) QPSK Body SAR in Hotspot mode

| Plot No. | Band/Mode | ANT | Test Position | CH. | Freq. (MHz) | Ave. Power (dBm) | Power Drift (dB) | Tune-Up Limit (dBm) | Meas. SAR _{1g} (W/kg) | Scaling Factor | Reported SAR _{1g} (W/kg) |
|---|----------------|-----|---------------|-------|-------------|------------------|------------------|---|--------------------------------|----------------|-----------------------------------|
| | Band5/1RB#24 | 1 | Front | 20525 | 836.5 | 23.86 | 0.01 | 24.0 | 0.081 | 1.033 | 0.083 |
| | Band5/1RB#24 | 1 | Back | 20525 | 836.5 | 23.86 | -0.06 | 24.0 | 0.299 | 1.033 | 0.309 |
| | Band5/1RB#24 | 1 | Left | 20525 | 836.5 | 23.86 | 0.00 | 24.0 | 0.032 | 1.033 | 0.033 |
| | Band5/1RB#24 | 1 | Top | 20525 | 836.5 | 23.86 | 0.07 | 24.0 | 0.240 | 1.033 | 0.248 |
| | Band5/1RB#24 | 0 | Front | 20525 | 836.5 | 23.49 | 0.01 | 23.5 | 0.063 | 1.002 | 0.063 |
| 24 | Band5/1RB#24 | 0 | Back | 20525 | 836.5 | 23.49 | -0.07 | 23.5 | 0.352 | 1.002 | 0.353 |
| | Band5/1RB#24 | 0 | Left | 20525 | 836.5 | 23.49 | -0.12 | 23.5 | 0.078 | 1.002 | 0.078 |
| | Band5/1RB#24 | 0 | Right | 20525 | 836.5 | 23.49 | 0.01 | 23.5 | 0.029 | 1.002 | 0.029 |
| | Band5/1RB#24 | 0 | Bottom | 20525 | 836.5 | 23.49 | 0.04 | 23.5 | 0.244 | 1.002 | 0.244 |
| | Band5/50%RB#24 | 1 | Front | 20525 | 836.5 | 22.76 | -0.09 | 23.0 | 0.068 | 1.057 | 0.071 |
| | Band5/50%RB#24 | 1 | Back | 20525 | 836.5 | 22.76 | 0.07 | 23.0 | 0.251 | 1.057 | 0.265 |
| | Band5/50%RB#24 | 1 | Left | 20525 | 836.5 | 22.76 | 0.04 | 23.0 | 0.027 | 1.057 | 0.028 |
| | Band5/50%RB#24 | 1 | Top | 20525 | 836.5 | 22.76 | 0.05 | 23.0 | 0.201 | 1.057 | 0.212 |
| | Band5/50%RB#0 | 0 | Front | 20450 | 829 | 22.39 | 0.01 | 22.5 | 0.056 | 1.026 | 0.057 |
| | Band5/50%RB#0 | 0 | Back | 20450 | 829 | 22.39 | 0.13 | 22.5 | 0.313 | 1.026 | 0.321 |
| | Band5/50%RB#0 | 0 | Left | 20450 | 829 | 22.39 | 0.11 | 22.5 | 0.070 | 1.026 | 0.071 |
| | Band5/50%RB#0 | 0 | Right | 20450 | 829 | 22.39 | 0.01 | 22.5 | 0.025 | 1.026 | 0.026 |
| | Band5/50%RB#0 | 0 | Bottom | 20450 | 829 | 22.39 | -0.04 | 22.5 | 0.217 | 1.026 | 0.223 |
| ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population | | | | | | | | 1.6 W/kg (mW/g) Averaged over 1g | | | |

➤ FDD-LTE Band 7(20MHz) QPSK Body SAR in Hotspot mode

| Plot No. | Band/Mode | ANT | Test Position | CH. | Freq. (MHz) | Ave. Power (dBm) | Power Drift (dB) | Tune-Up Limit (dBm) | Meas. SAR _{1g} (W/kg) | Scaling Factor | Reported SAR _{1g} (W/kg) |
|---|----------------|-----|---------------|-------|-------------|------------------|------------------|---|--------------------------------|----------------|-----------------------------------|
| | Band7/1RB#49 | 1 | Front | 20850 | 2510 | 23.93 | 0.01 | 24.0 | 0.112 | 1.016 | 0.114 |
| 25 | Band7/1RB#49 | 1 | Back | 20850 | 2510 | 23.93 | 0.08 | 24.0 | 0.419 | 1.016 | 0.426 |
| | Band7/1RB#49 | 1 | Left | 20850 | 2510 | 23.93 | 0.05 | 24.0 | 0.044 | 1.016 | 0.045 |
| | Band7/1RB#49 | 1 | Top | 20850 | 2510 | 23.93 | 0.06 | 24.0 | 0.336 | 1.016 | 0.341 |
| | Band7/1RB#49 | 0 | Front | 20850 | 2510 | 22.19 | 0.01 | 22.5 | 0.014 | 1.074 | 0.015 |
| | Band7/1RB#49 | 0 | Back | 20850 | 2510 | 22.19 | 0.07 | 22.5 | 0.079 | 1.074 | 0.085 |
| | Band7/1RB#49 | 0 | Left | 20850 | 2510 | 22.19 | -0.01 | 22.5 | 0.018 | 1.074 | 0.019 |
| | Band7/1RB#49 | 0 | Right | 20850 | 2510 | 22.19 | 0.17 | 22.5 | 0.006 | 1.074 | 0.007 |
| | Band7/1RB#49 | 0 | Bottom | 20850 | 2510 | 22.19 | 0.02 | 22.5 | 0.055 | 1.074 | 0.059 |
| | Band7/50%RB#0 | 1 | Front | 20850 | 2510 | 22.13 | 0.00 | 22.5 | 0.103 | 1.089 | 0.112 |
| | Band7/50%RB#0 | 1 | Back | 20850 | 2510 | 22.13 | 0.01 | 22.5 | 0.383 | 1.089 | 0.417 |
| | Band7/50%RB#0 | 1 | Left | 20850 | 2510 | 22.13 | -0.06 | 22.5 | 0.041 | 1.089 | 0.044 |
| | Band7/50%RB#0 | 1 | Top | 20850 | 2510 | 22.13 | 0.03 | 22.5 | 0.307 | 1.089 | 0.334 |
| | Band7/50%RB#49 | 0 | Front | 21100 | 2535 | 20.82 | 0.08 | 21.0 | 0.011 | 1.042 | 0.011 |
| | Band7/50%RB#49 | 0 | Back | 21100 | 2535 | 20.82 | 0.01 | 21.0 | 0.061 | 1.042 | 0.064 |
| | Band7/50%RB#49 | 0 | Left | 21100 | 2535 | 20.82 | 0.02 | 21.0 | 0.014 | 1.042 | 0.014 |
| | Band7/50%RB#49 | 0 | Right | 21100 | 2535 | 20.82 | 0.09 | 21.0 | 0.005 | 1.042 | 0.005 |
| | Band7/50%RB#49 | 0 | Bottom | 21100 | 2535 | 20.82 | -0.11 | 21.0 | 0.042 | 1.042 | 0.044 |
| ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population | | | | | | | | 1.6 W/kg (mW/g) Averaged over 1g | | | |

➤ TDD-LTE Band 41(20MHz) QPSK Body SAR in Hotspot mode

| Plot No. | Band/Mode | ANT | Test Position | CH. | Freq. (MHz) | Ave. Power (dBm) | Power Drift (dB) | Tune-Up Limit (dBm) | Meas. SAR _{1g} (W/kg) | Scaling Factor | D.C Factor | Reported SAR _{1g} (W/kg) |
|---|-----------------|-----|---------------|-------|-------------|------------------|------------------|---|--------------------------------|----------------|------------|-----------------------------------|
| | Band41/1RB#49 | 1 | Front | 41140 | 2645 | 24.23 | 0.01 | 24.5 | 0.090 | 1.064 | 1.008 | 0.096 |
| 26 | Band41/1RB#49 | 1 | Back | 41140 | 2645 | 24.23 | 0.06 | 24.5 | 0.334 | 1.064 | 1.008 | 0.358 |
| | Band41/1RB#49 | 1 | Left | 41140 | 2645 | 24.23 | 0.05 | 24.5 | 0.035 | 1.064 | 1.008 | 0.038 |
| | Band41/1RB#49 | 1 | Top | 41140 | 2645 | 24.23 | 0.01 | 24.5 | 0.268 | 1.064 | 1.008 | 0.287 |
| | Band41/1RB#49 | 0 | Front | 40140 | 2545 | 22.87 | 0.00 | 23.0 | 0.009 | 1.030 | 1.008 | 0.009 |
| | Band41/1RB#49 | 0 | Back | 40140 | 2545 | 22.87 | 0.07 | 23.0 | 0.054 | 1.030 | 1.008 | 0.056 |
| | Band41/1RB#49 | 0 | Left | 40140 | 2545 | 22.87 | 0.01 | 23.0 | 0.012 | 1.030 | 1.008 | 0.012 |
| | Band41/1RB#49 | 0 | Right | 40140 | 2545 | 22.87 | -0.01 | 23.0 | 0.004 | 1.030 | 1.008 | 0.005 |
| | Band41/1RB#49 | 0 | Bottom | 40140 | 2545 | 22.87 | 0.04 | 23.0 | 0.038 | 1.030 | 1.008 | 0.039 |
| | Band41/50%RB#24 | 1 | Front | 41140 | 2645 | 23.06 | 0.04 | 23.5 | 0.078 | 1.107 | 1.008 | 0.087 |
| | Band41/50%RB#24 | 1 | Back | 41140 | 2645 | 23.06 | 0.10 | 23.5 | 0.291 | 1.107 | 1.008 | 0.325 |
| | Band41/50%RB#24 | 1 | Left | 41140 | 2645 | 23.06 | -0.06 | 23.5 | 0.031 | 1.107 | 1.008 | 0.034 |
| | Band41/50%RB#24 | 1 | Top | 41140 | 2645 | 23.06 | 0.05 | 23.5 | 0.233 | 1.107 | 1.008 | 0.260 |
| | Band41/50%RB#0 | 0 | Front | 41140 | 2645 | 21.71 | 0.02 | 22.0 | 0.006 | 1.069 | 1.008 | 0.006 |
| | Band41/50%RB#0 | 0 | Back | 41140 | 2645 | 21.71 | -0.08 | 22.0 | 0.039 | 1.069 | 1.008 | 0.042 |
| | Band41/50%RB#0 | 0 | Left | 41140 | 2645 | 21.71 | 0.07 | 22.0 | 0.008 | 1.069 | 1.008 | 0.009 |
| | Band41/50%RB#0 | 0 | Right | 41140 | 2645 | 21.71 | 0.03 | 22.0 | 0.003 | 1.069 | 1.008 | 0.003 |
| | Band41/50%RB#0 | 0 | Bottom | 41140 | 2645 | 21.71 | 0.01 | 22.0 | 0.027 | 1.069 | 1.008 | 0.029 |
| ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population | | | | | | | | 1.6 W/kg (mW/g) Averaged over 1g | | | | |

➤ WLAN 2.4GHz Body SAR in Hotspot mode

| Plot No. | Band/Mode | Test Position | CH. | Freq. (MHz) | Ave. Power (dBm) | Power Drift (dB) | Tune-Up Limit (dBm) | Meas. SAR _{1g} (W/kg) | Scaling Factor | D.C Factor | Reported SAR _{1g} (W/kg) | |
|---|----------------|---------------|-----|-------------|------------------|------------------|---------------------|---|----------------|------------|-----------------------------------|--|
| | 2.4GHz/802.11b | Front | 6 | 2437 | 18.33 | 0.02 | 18.5 | 0.040 | 1.040 | 1.000 | 0.041 | |
| 27 | 2.4GHz/802.11b | Back | 6 | 2437 | 18.33 | -0.08 | 18.5 | 0.084 | 1.040 | 1.000 | 0.087 | |
| | 2.4GHz/802.11b | Right | 6 | 2437 | 18.33 | -0.18 | 18.5 | 0.043 | 1.040 | 1.000 | 0.044 | |
| | 2.4GHz/802.11b | Top | 6 | 2437 | 18.33 | -0.13 | 18.5 | 0.065 | 1.040 | 1.000 | 0.067 | |
| ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population | | | | | | | | 1.6 W/kg (mW/g) Averaged over 1g | | | | |

➤ WLAN 5.2GHz Body SAR in Hotspot mode

| Plot No. | Band/Mode | Test Position | CH. | Freq. (MHz) | Ave. Power (dBm) | Power Drift (dB) | Tune-Up Limit (dBm) | Meas. SAR _{1g} (W/kg) | Scaling Factor | D.C Factor | Reported SAR _{1g} (W/kg) | |
|---|----------------|---------------|-----|-------------|------------------|------------------|---------------------|---|----------------|------------|-----------------------------------|--|
| | 5.2GHz/802.11a | Front | 36 | 5180 | 15.17 | 0.00 | 15.5 | 0.041 | 1.079 | 1.000 | 0.044 | |
| | 5.2GHz/802.11a | Back | 36 | 5180 | 15.17 | 0.01 | 15.5 | 0.141 | 1.079 | 1.000 | 0.152 | |
| 33 | 5.2GHz/802.11a | Right | 36 | 5180 | 15.17 | 0.03 | 15.5 | 0.195 | 1.079 | 1.000 | 0.210 | |
| | 5.2GHz/802.11a | Top | 36 | 5180 | 15.17 | 0.00 | 15.5 | 0.140 | 1.079 | 1.000 | 0.151 | |
| ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population | | | | | | | | 1.6 W/kg (mW/g) Averaged over 1g | | | | |

➤ WLAN 5.8GHz Body SAR in Hotspot mode

| Plot No. | Band/Mode | Test Position | CH. | Freq. (MHz) | Ave. Power (dBm) | Power Drift (dB) | Tune-Up Limit (dBm) | Meas. SAR _{1g} (W/kg) | Scaling Factor | D.C Factor | Reported SAR _{1g} (W/kg) | |
|---|----------------|---------------|-----|-------------|------------------|------------------|---------------------|---|----------------|------------|-----------------------------------|--|
| | 5.8GHz/802.11a | Front | 165 | 5825 | 16.72 | 0.01 | 17.0 | 0.056 | 1.067 | 1.000 | 0.059 | |
| 31 | 5.8GHz/802.11a | Back | 165 | 5825 | 16.72 | 0.00 | 17.0 | 0.284 | 1.067 | 1.000 | 0.303 | |
| | 5.8GHz/802.11a | Right | 165 | 5825 | 16.72 | 0.15 | 17.0 | 0.264 | 1.067 | 1.000 | 0.282 | |
| | 5.8GHz/802.11a | Top | 165 | 5825 | 16.72 | -0.01 | 17.0 | 0.189 | 1.067 | 1.000 | 0.202 | |
| ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population | | | | | | | | 1.6 W/kg (mW/g) Averaged over 1g | | | | |

➤ Bluetooth Body SAR in Hotspot mode

| Plot No. | Band/Mode | Test Position | CH. | Freq. (MHz) | Ave. Power (dBm) | Power Drift (dB) | Tune-Up Limit (dBm) | Meas. SAR _{1g} (W/kg) | Scaling Factor | D.C Factor | Reported SAR _{1g} (W/kg) |
|---|-----------|---------------|-----|-------------|---|------------------|---------------------|--------------------------------|----------------|------------|-----------------------------------|
| | BT/GFSK | Front | 39 | 2441 | 6.06 | 0.02 | 6.5 | 0.004 | 1.108 | 1.000 | 0.004 |
| 32 | BT/GFSK | Back | 39 | 2441 | 6.06 | 0.08 | 6.5 | 0.008 | 1.108 | 1.000 | 0.009 |
| | BT/GFSK | Right | 39 | 2441 | 6.06 | -0.06 | 6.5 | 0.002 | 1.108 | 1.000 | 0.002 |
| | BT/GFSK | Top | 39 | 2441 | 6.06 | 0.05 | 6.5 | 0.005 | 1.108 | 1.000 | 0.006 |
| ANSI / IEEE C95.1 – SAFETY LIMIT | | | | | | | | | | | |
| Spatial Peak | | | | | | | | | | | |
| Uncontrolled Exposure/General Population | | | | | 1.6 W/kg (mW/g) Averaged over 1g | | | | | | |

Note:

- Per KDB 447498 D04v01, for each exposure position, if the highest output channel Reported SAR ≤ 0.8W/kg, other channels SAR testing is not necessary.
- Additional WLAN SAR testing was performed for simultaneous transmission analysis.
- For Hotspot SAR testing, per KDB 941225 D06v02r01, for EUT dimension ≥ 9cm*5cm, the test distance is 10mm. SAR must be measured for all surfaces and sides with a transmitting antenna located within 2.5cm from that surface or edge.
- Per KDB 941225 D01v03r01, RMC 12.2kbps setting is used to evaluate SAR. If HSDPA output power is < 0.25dB higher than RMC 12.2kbps, or Reported SAR with RMC 12.2kbps setting is ≤ 1.2W/kg, HSDPA SAR evaluation can be excluded.
- Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required when the measured SAR is ≥ 0.8W/kg.
- Per KDB 648474 D04v01r03, when the Reported SAR for a body-worn accessory measured without a headset connected to the handset is > 1.2 W/kg, SAR testing with a headset connected to the handset is required.
- Per KDB 941225 D05v02r05, 100% RB allocation SAR measurement is not required when the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel.
- According to KDB 865664 D02v01r02, SAR plot is required for the highest measured SAR in each exposure configuration, wireless mode and frequency band combination.
- Highlight part of test data means repeated test.
- *: Due the antenna location and antenna performance results the SAR value lower than the lowest system limit, then we show "<0.001* W/Kg" in the report.

15.4 Repeated SAR measurement

| Band/ Mode | Test Position | CH. | Freq. (MHz) | Measured SAR (W/kg) | | | | |
|---|---------------|-------|-------------|---|--------------------------|-------|--------------------------|-------|
| | | | | Original | 1 st Repeated | | 2 nd Repeated | |
| | | | | | Value | Ratio | Value | Ratio |
| Band V/RMC | Right Tilted | 4183 | 836.6 | 1.050 | 1.010 | 1.01 | / | / |
| Band5/1RB#24 | Right Cheek | 20600 | 844 | 1.060 | 1.020 | 1.04 | / | / |
| Band7/1RB#49 | Right Tilted | 21350 | 2560 | 0.966 | 0.914 | 1.06 | / | / |
| ANSI / IEEE C95.1 – SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population | | | | 1.6 W/kg (mW/g) Averaged over 1g | | | | |

Note:

1. Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required only when the measured SAR is ≥ 0.8 W/kg
2. Per KDB 865664 D01v01r04, if the ratio of *original* and *repeated* is ≤ 1.2 and the measured SAR < 1.45 W/kg, only one repeated measurement is required.

15.5 Multi-Band Simultaneous Transmission Considerations

➤ Simultaneous Transmission Capabilities

According to FCC KDB Publication 447498 D04v01, transmitters are considered to be transmitting simultaneously when there is overlapping transmission, with the exception of transmissions during network hand-offs with maximum hand-off duration less than 30 seconds. Possible transmission paths for the EUT are shown in below Figure and are color-coded to indicate communication modes which share the same path. Modes which share the same transmission path cannot transmit simultaneously with one another.

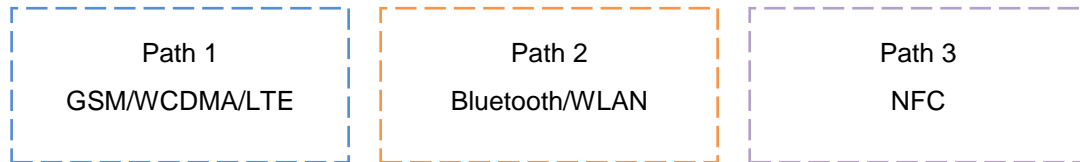


Fig.15.1 Simultaneous Transmission Paths

➤ Simultaneous Transmission Procedures

This device contains transmitters that may operate simultaneously. Therefore simultaneous transmission analysis is required. Per FCC KDB 447498 D04v01, simultaneous transmission SAR test exclusion may be applied when the sum of the 1-g SAR for all the simultaneous transmitting antennas in a specific a physical test configuration is ≤ 1.6 W/kg. When standalone SAR is not required to be measured, per FCC KDB 447498 D04v01 Appendix E, E.1), the following equation must be used to estimate the standalone 1g SAR for simultaneous transmission assessment involving that transmitter.

$$SAR_{est} = 1.6 \cdot P_{ant} / P_{th} \text{ [W/kg].}$$

| Mode | Max. Power (dBm) | Max. Power (mW) | Exposure Position | Head | Body | Hotspot |
|------|------------------|-----------------|----------------------|-------|-------|---------|
| NFC | -55.14 | 0.0000031 | Estimated SAR (W/kg) | 0.000 | 0.000 | 0.000 |

Note:

- Per KDB 447498 D04v01 section 2.1.2: 1-mW Test Exemption, $P_{th} = 1\text{mW}$.

➤ Multi-Band simultaneous Transmission Consideration

| Simultaneous Transmission Consideration | Position | Applicable Combination |
|---|----------|---|
| | Head | WWAN (Voice) + WLAN 2.4 GHz + NFC |
| | | WWAN (Voice) + 5.2GHz/5.3GHz+5.6GHz/5.8GHz+ Bluetooth + NFC |
| | Body | WWAN (Data) + WLAN 2.4 GHz+ NFC |
| | | WWAN (Data) + 5.2GHz/5.3GHz+5.6GHz/5.8GHz+ Bluetooth + NFC |
| | Hotspot | WWAN (Data) + WLAN 2.4 GHz + NFC |
| WWAN (Data) + 5.2GHz/5.8GHz+ Bluetooth+ NFC | | |

Note:

- WLAN 2.4GHz Band, WLAN 5.2GHz Band, WLAN 5.3GHz Band, WLAN 5.6GHz, WLAN 5.8GHz Band share the same antenna, and cannot transmit simultaneously.
- WLAN 2.4GHz Band and Bluetooth cannot transmit simultaneously.
- GSM/WCDMA/LTE shares the same antenna, and cannot transmit simultaneously.
- The Report SAR summation is calculated based on the same configuration and test position.
- Per KDB 447498 D04v01, simultaneous transmission SAR is compliant if,
 - Scalar SAR summation < 1.6 W/kg.
 - $SPLSR = (SAR_1 + SAR_2)^{1.5} / (min. \text{ separation distance, mm})$, and the peak separation distance is determined from the square root of $[(x_1-x_2)^2 + (y_1-y_2)^2 + (z_1-z_2)^2]$, where (x_1, y_1, z_1) and (x_2, y_2, z_2) are the coordinates of the extrapolated peak SAR locations in the zoom scan If $SPLSR \leq 0.04$, simultaneously transmission SAR measurement is not necessary.
 - Simultaneously transmission SAR measurement, and the Reported multi-band SAR < 1.6 W/kg.

15.6 SAR Simultaneous Transmission Analysis

➤ Simultaneous Transmission

| Position | | Standalone SAR(W/kg) | | | | | Σ SAR _{1g} (W/kg) | |
|-----------|--------------|----------------------|-----------|---------|-------|-----|-----------------------------------|--------------|
| | | 1 | 2 | 3 | 4 | 5 | 1+2+5 | 1+3+4+5 |
| | | WWAN | 2.4G WLAN | 5G WLAN | BT | NFC | | |
| Head | Right Cheek | 1.133 | 0.126 | 0.256 | 0.006 | 0 | 1.259 | 1.395 |
| | Right Tilted | 1.183 | 0.152 | 0.317 | 0.007 | 0 | 1.335 | 1.507 |
| | Left Cheek | 0.933 | 0.222 | 0.452 | 0.011 | 0 | 1.155 | 1.396 |
| | Left Tilted | 0.668 | 0.205 | 0.418 | 0.007 | 0 | 0.873 | 1.093 |
| Body-worn | Front | 0.171 | 0.041 | 0.059 | 0.004 | 0 | 0.212 | 0.234 |
| | Back | 0.819 | 0.087 | 0.303 | 0.009 | 0 | 0.906 | 1.031 |
| Hotspot | Front | 0.171 | 0.041 | 0.059 | 0.004 | 0 | 0.212 | 0.234 |
| | Back | 0.819 | 0.087 | 0.303 | 0.009 | 0 | 0.906 | 1.031 |
| | Left | 0.167 | / | / | / | 0 | 0.167 | 0.167 |
| | Right | 0.061 | 0.044 | 0.282 | 0.002 | 0 | 0.105 | 0.345 |
| | Top | 0.514 | 0.067 | 0.202 | 0.006 | 0 | 0.581 | 0.722 |
| | Bottom | 0.521 | / | / | / | 0 | 0.521 | 0.521 |

➤ Simultaneous Transmission Conclusion

The above numerical summed SAR results for all the case simultaneous transmission conditions were below the SAR limit. Therefore, the above analysis is sufficient to determine that simultaneous transmission cases will not exceed the SAR limit and therefore no measured volumetric simultaneous SAR summation is required per FCC KDB Publication 447498 D04v01.

15.7 Measurement Uncertainty

Per KDB865664 D01 SAR Measurement 100 MHz to 6 GHz v01r04, when the highest measured 1-g SAR within a frequency band is < 1.5 W/kg, the extensive SAR measurement uncertainty analysis described in IEC/IEEE 62209-1528:2020 is not required in SAR reports submitted for equipment approval. The equivalent ratio (1.5/1.6) is applied to extremity and occupational exposure conditions.

15.8 Measurement Conclusion

The SAR evaluation indicates that the EUT complies with the RF radiation exposure limits of the FCC and Industry Canada, with respect to all parameters subject to this test. These measurements were taken to simulate the RF effects of RF exposure under worst-case conditions. Precise laboratory measures were taken to assure repeatability of the tests. The results and statements relate only to the item(s) tested. Please note that the absorption and distribution of electromagnetic energy in the body are very complex phenomena that depend on the mass, shape, and size of the body, the orientation of the body with respect to the field vectors, and the electrical properties of both the body and the environment. Other variables that may play a substantial role in possible biological effects are those that characterize the environment (e.g. ambient temperature, air velocity, relative humidity, and body insulation) and those that characterize the individual (e.g. age, gender, activity level, debilitation, or disease). Because various factors may interact with one another to vary the specific biological outcome of an exposure to electromagnetic fields, any protection guide should consider maximal amplification of biological effects as a result of field-body interactions, environmental conditions, and physiological variables.

16 Reference

- [1]. FCC 47 CFR Part 2 “Frequency Allocations and Radio Treaty Matters; General Rules and Regulations”
- [2]. ANSI/IEEE Std. C95.1-1992, “IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz”, September 1992
- [3]. IEC/IEEE 62209-1528:2020, “Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices –Part 1528: Human models, instrumentation, and procedures (Frequency range of 4 MHz to 10 GHz)”, October 2020
- [4]. SPEAG DASY52 System Handbook
- [5]. FCC KDB 248227 D01 v02r02, “SAR GUIDANCE FOR IEEE 802.11 (Wi-Fi) TRANSMITTERS”, October 2015
- [6]. FCC KDB 447498 D04 v01, “RF EXPOSURE PROCEDURES AND EQUIPMENT AUTHORIZATION POLICIES FOR MOBILE AND PORTABLE DEVICES”, November 2021
- [7]. FCC KDB 648474 D04 v01r03, “SAR EVALUATION CONSIDERATIONS FOR WIRELESS HANDSETS”, October 2015
- [8]. FCC KDB 941225 D01 v03r01, “3G SAR MEAUREMENT PROCEDURES”, October 2015
- [9]. FCC KDB 941225 D05 v02r05, “SAR EVALUATION CONSIDERATIONS FOR LTE DEVICES”, Dec 2015
- [10]. FCC KDB 941225 D06 v02r01, " SAR EVALUATION PROCEDURES FOR PORTABLE DEVICES WITH WIRELESS ROUTER CAPABILITIES", October 2015
- [11]. FCC KDB 865664 D01 v01r04, “SAR MEASUREMENT REQUIREMENTS FOR 100 MHz TO 6 GHz”, August 2015

Appendix A: Plots of SAR System Check

Test Laboratory: JYTSZ

Date: 08.17.2024

DUT: Dipole 835 MHz; Type: D835V2; Serial: SN:4D154

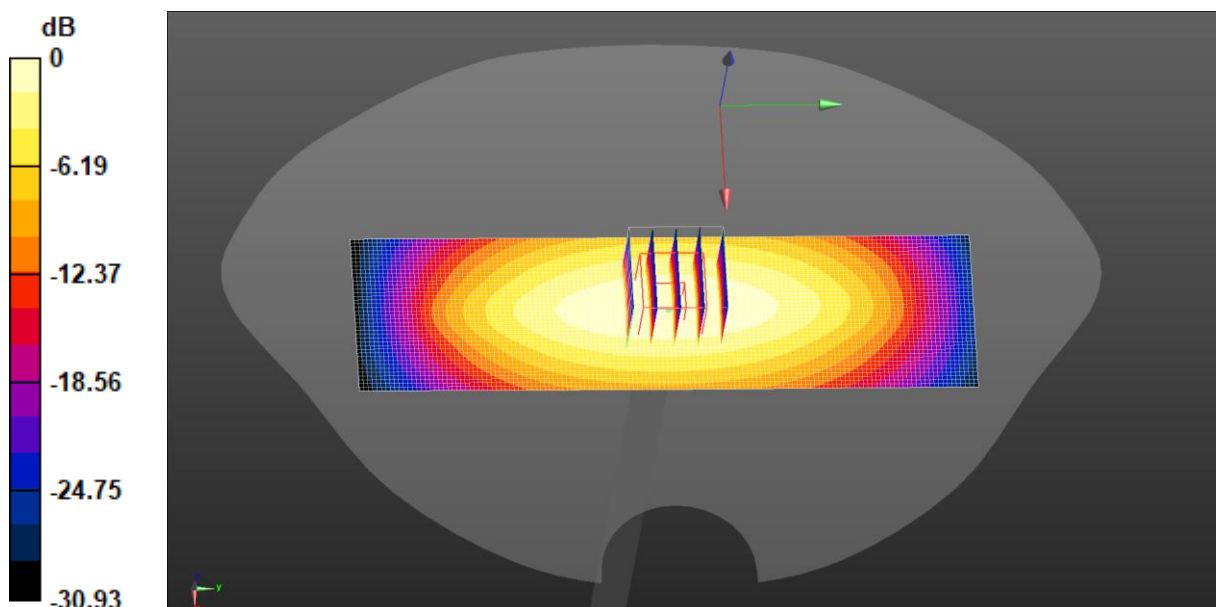
Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 835$ MHz; $\sigma = 0.899$ S/m; $\epsilon_r = 42.847$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(10.3, 10.3, 10.3) @ 835 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency 835 MHz Head Tissue/d=15mm, Pin=80 mW, dist=1.4mm (EX-Probe)/Area Scan (41x141x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 1.02 W/kg

System Performance Check at Frequency 835 MHz Head Tissue/d=15mm, Pin=80 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0:
 Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 34.37 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.782 W/kg; SAR(10 g) = 0.485 W/kg
 Smallest distance from peaks to all points 3 dB below = 16.1 mm
 Ratio of SAR at M2 to SAR at M1 = 62.4%
 Maximum value of SAR (measured) = 1.02 W/kg



$$0 \text{ dB} = 1.02 \text{ W/kg} = 0.09 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 08.02.2024

DUT: Dipole 1750 MHz; Type: D1750V2; Serial: SN:1177

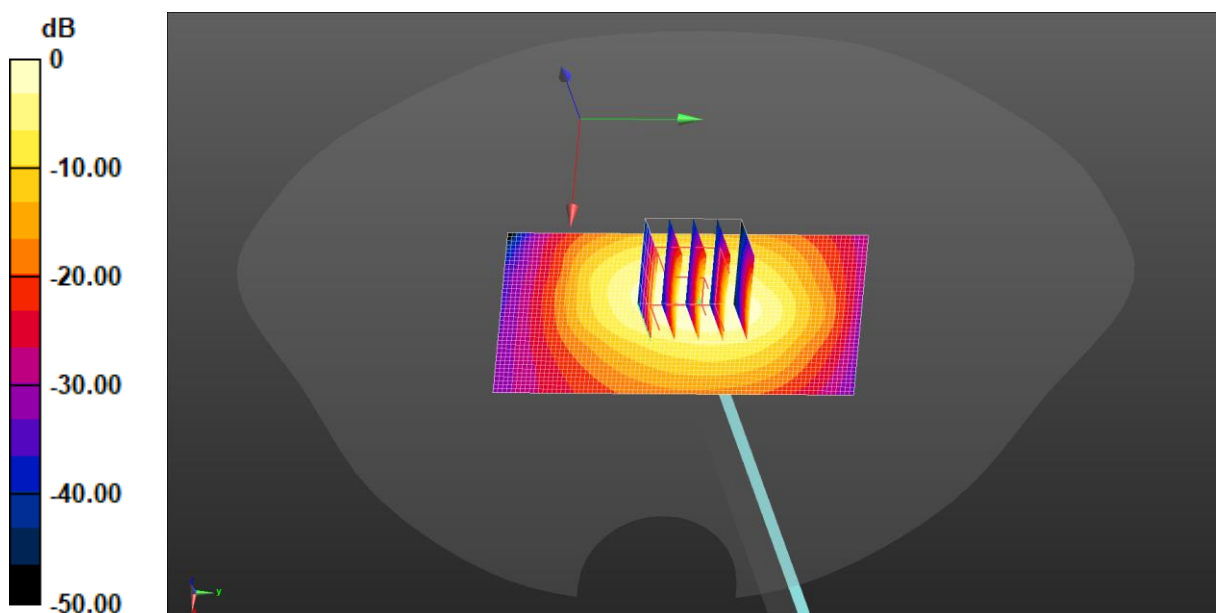
Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.347$ S/m; $\epsilon_r = 41.371$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(8.73, 8.73, 8.73) @ 1750 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency 1750 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 2.24 W/kg

System Performance Check at Frequency 1750 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0:
 Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 37.15 V/m; Power Drift = 0.14 dB
 Peak SAR (extrapolated) = 2.62 W/kg
SAR(1 g) = 1.44 W/kg; SAR(10 g) = 0.794 W/kg
 Smallest distance from peaks to all points 3 dB below = 9.6 mm
 Ratio of SAR at M2 to SAR at M1 = 53.9%
 Maximum value of SAR (measured) = 2.21 W/kg



$$0 \text{ dB} = 2.24 \text{ W/kg} = 3.50 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 08.20.2024

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN:5d175

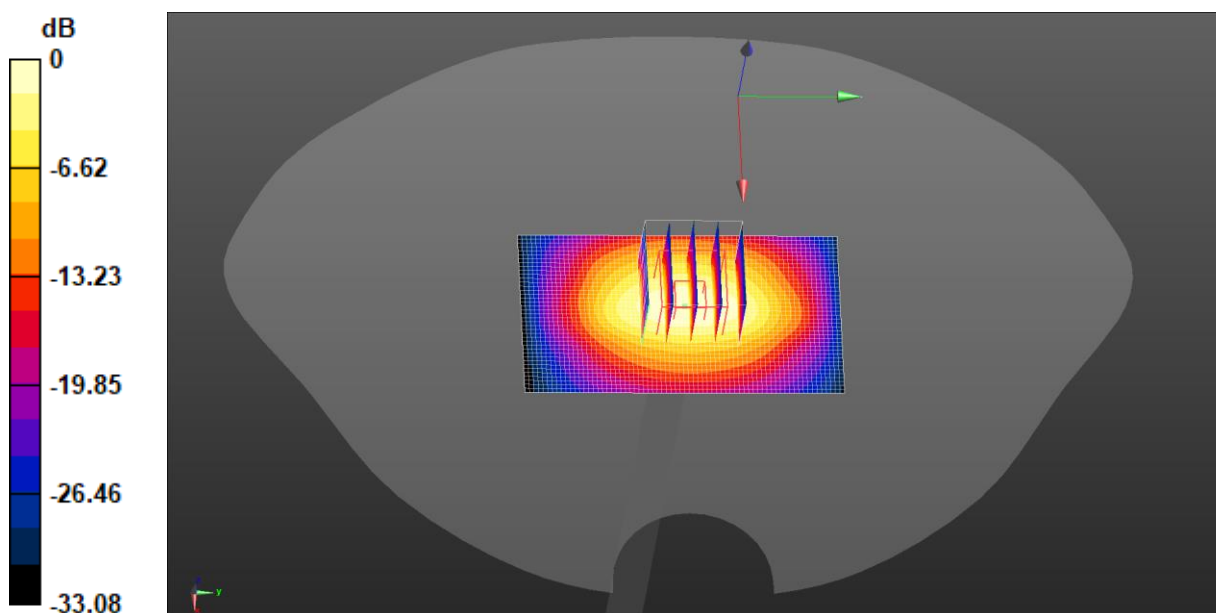
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.374$ S/m; $\epsilon_r = 41.292$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(8.44, 8.44, 8.44) @ 1900 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency 1900 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 2.66 W/kg

System Performance Check at Frequency 1900 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7) (5x5x7)/Cube 0:
 Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 41.01 V/m; Power Drift = -0.05 dB
 Peak SAR (extrapolated) = 3.02 W/kg
SAR(1 g) = 1.58 W/kg; SAR(10 g) = 0.861 W/kg
 Smallest distance from peaks to all points 3 dB below = 9.6 mm
 Ratio of SAR at M2 to SAR at M1 = 52.4%
 Maximum value of SAR (measured) = 2.58 W/kg



$$0 \text{ dB} = 2.66 \text{ W/kg} = 4.34 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 08.14.2024

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: SN:910

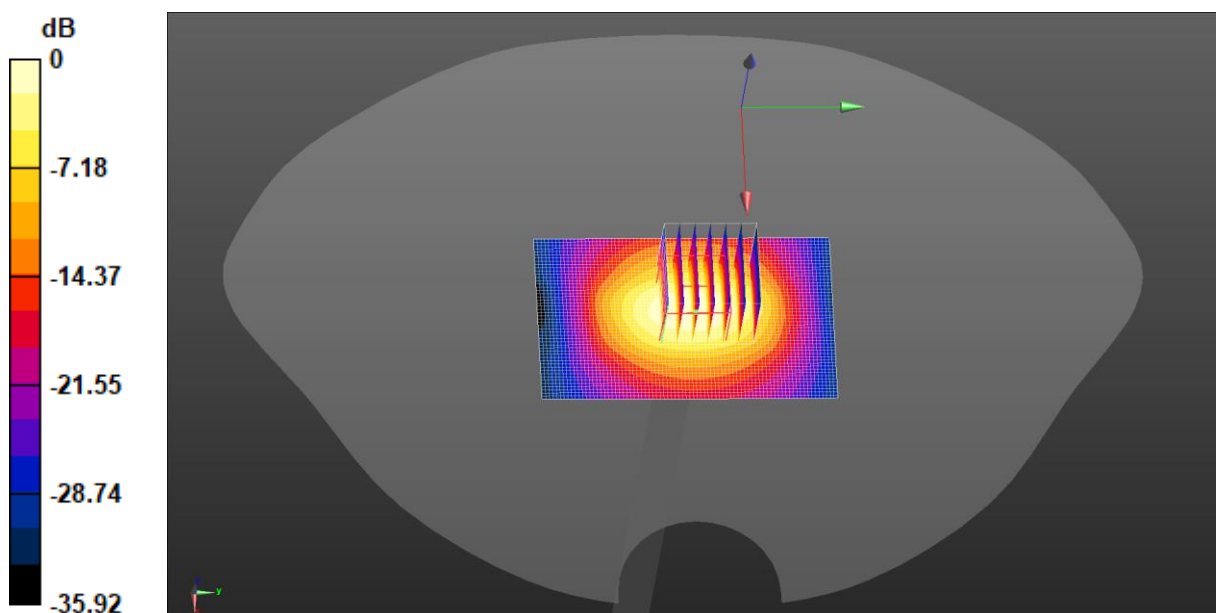
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.766$ S/m; $\epsilon_r = 40.492$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(7.89, 7.89, 7.89) @ 2450 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency 2450 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 3.69 W/kg

System Performance Check at Frequency 2450 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 43.82 V/m; Power Drift = 0.14 dB
 Peak SAR (extrapolated) = 4.47 W/kg
SAR(1 g) = 2.17 W/kg; SAR(10 g) = 0.976 W/kg
 Smallest distance from peaks to all points 3 dB below = 8.9 mm
 Ratio of SAR at M2 to SAR at M1 = 49.1%
 Maximum value of SAR (measured) = 3.43 W/kg



$0 \text{ dB} = 3.69 \text{ W/kg} = 5.67 \text{ dBW/kg}$

Test Laboratory: JYTSZ

Date: 08.14.2024

DUT: Dipole 2600 MHz; Type: D2600V2; Serial: SN:1114

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.927$ S/m; $\epsilon_r = 40.301$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

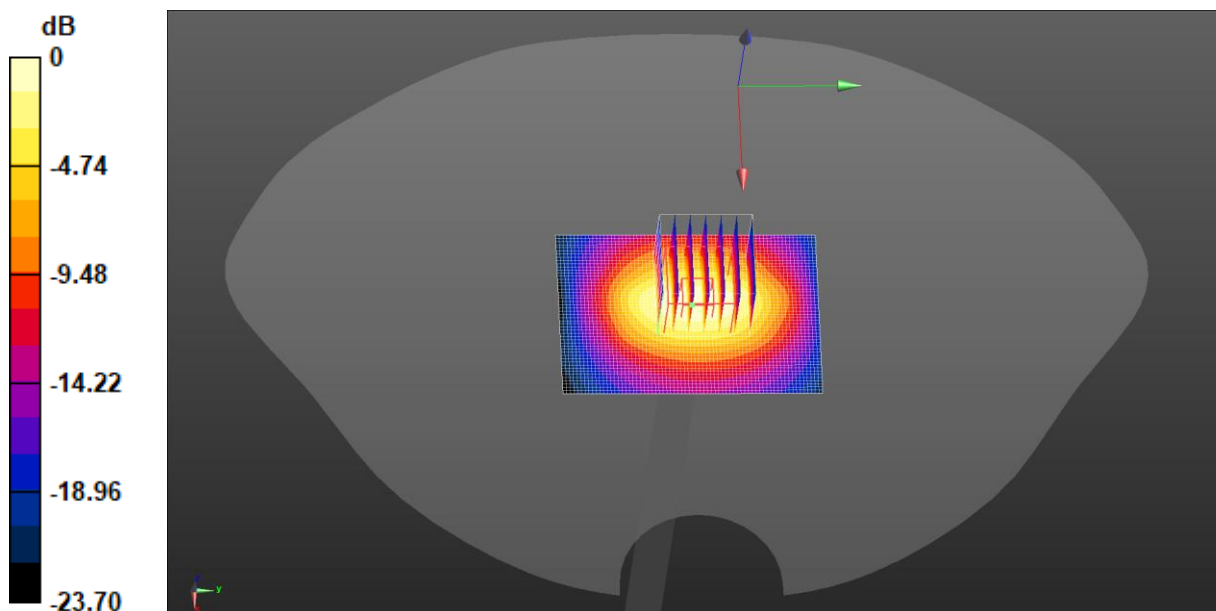
- Probe: EX3DV4 - SN7601; ConvF(7.6, 7.6, 7.6) @ 2600 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency 2600 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x7)/Cube 0: Measurement

grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 41.38 V/m; Power Drift = -0.14 dB
 Peak SAR (extrapolated) = 4.56 W/kg
SAR(1 g) = 2.21 W/kg; SAR(10 g) = 0.982 W/kg
 Smallest distance from peaks to all points 3 dB below = 9 mm
 Ratio of SAR at M2 to SAR at M1 = 48.4%
 Maximum value of SAR (measured) = 3.35 W/kg

System Performance Check at Frequency 2600 MHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (51x71x1): Interpolated grid:

dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 3.76 W/kg



$0 \text{ dB} = 3.35 \text{ W/kg} = 5.25 \text{ dBW/kg}$

Test Laboratory: JYTSZ

Date: 08.23.2024

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: SN:1320

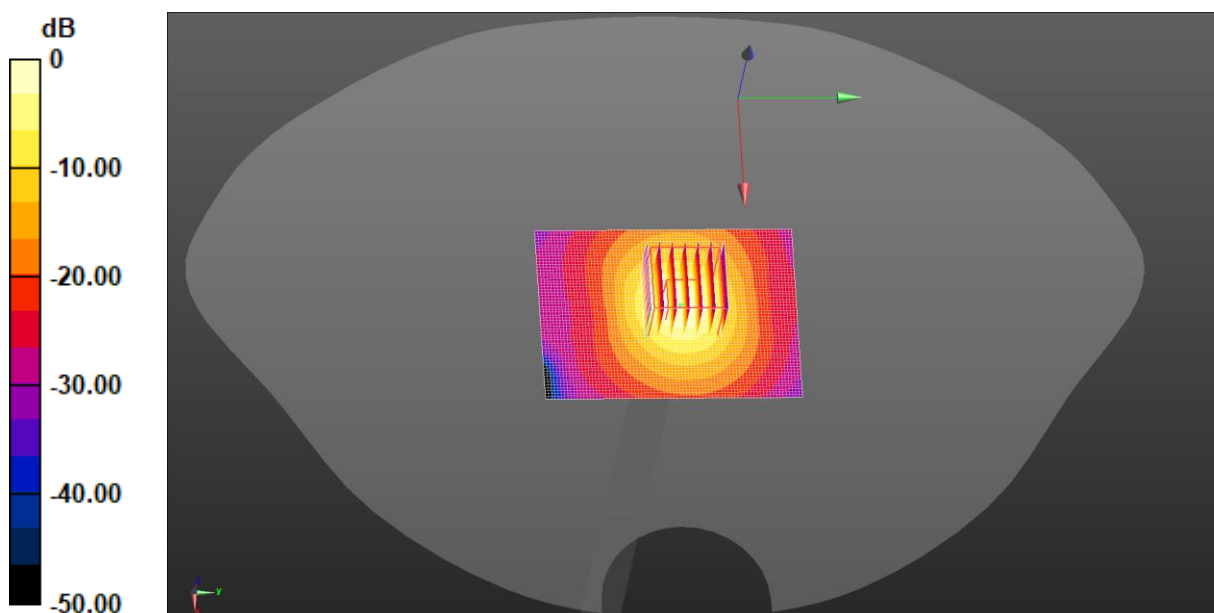
Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5200$ MHz; $\sigma = 4.583$ S/m; $\epsilon_r = 37.278$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.51, 5.51, 5.51) @ 5200 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency 5GHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 7.89 W/kg

System Performance Check at Frequency 5GHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 37.56 V/m; Power Drift = -0.10 dB
 Peak SAR (extrapolated) = 11.4 W/kg
SAR(1 g) = 2.96 W/kg; SAR(10 g) = 0.874 W/kg
 Smallest distance from peaks to all points 3 dB below = 7.2 mm
 Ratio of SAR at M2 to SAR at M1 = 55.1%
 Maximum value of SAR (measured) = 7.76 W/kg



$0 \text{ dB} = 7.76 \text{ W/kg} = 8.90 \text{ dBW/kg}$

Test Laboratory: JYTSZ

Date: 08.05.2024

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: SN:1320

Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5300$ MHz; $\sigma = 4.684$ S/m; $\epsilon_r = 37.163$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.51, 5.51, 5.51) @ 5300 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency 5GHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.08 W/kg

System Performance Check at Frequency 5GHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 40.61 V/m; Power Drift = 0.09 dB

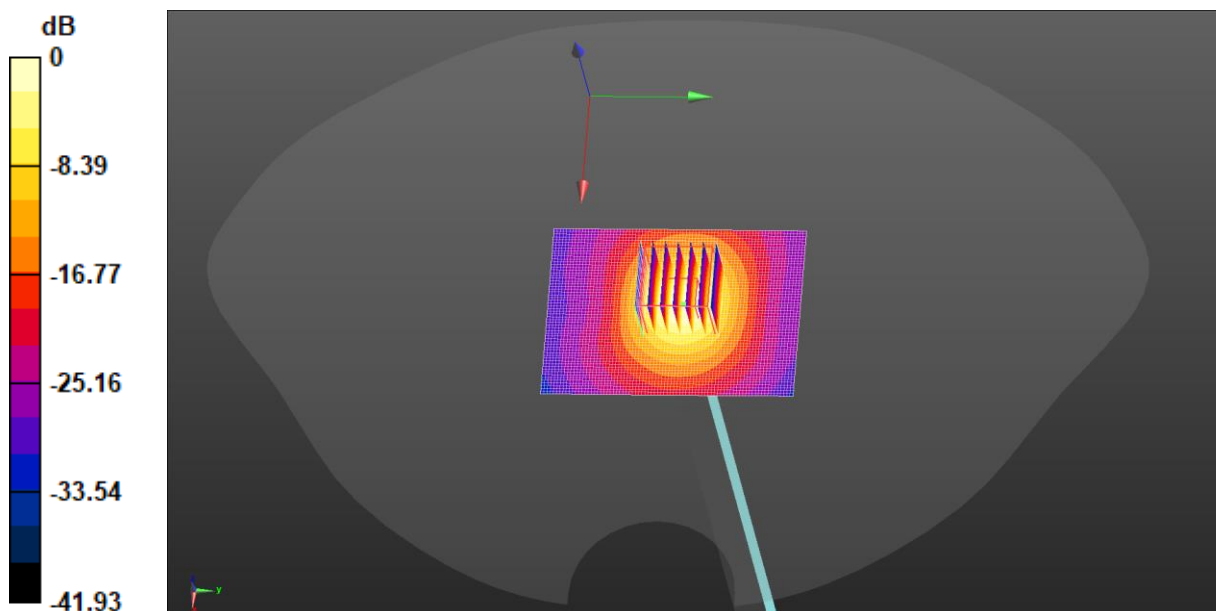
Peak SAR (extrapolated) = 12.5 W/kg

SAR(1 g) = 3.08 W/kg; SAR(10 g) = 0.898 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 54.2%

Maximum value of SAR (measured) = 7.83 W/kg



0 dB = 7.83 W/kg = 8.94 dBW/kg

Test Laboratory: JYTSZ

Date: 08.08.2024

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: SN:1320

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5600$ MHz; $\sigma = 4.987$ S/m; $\epsilon_r = 36.821$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(4.78, 4.78, 4.78) @ 5600 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM 5.0; Type: QD000P40CD; Serial: TP: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency 5GHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.48 W/kg

System Performance Check at Frequency 5GHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 45.02 V/m; Power Drift = 0.18 dB

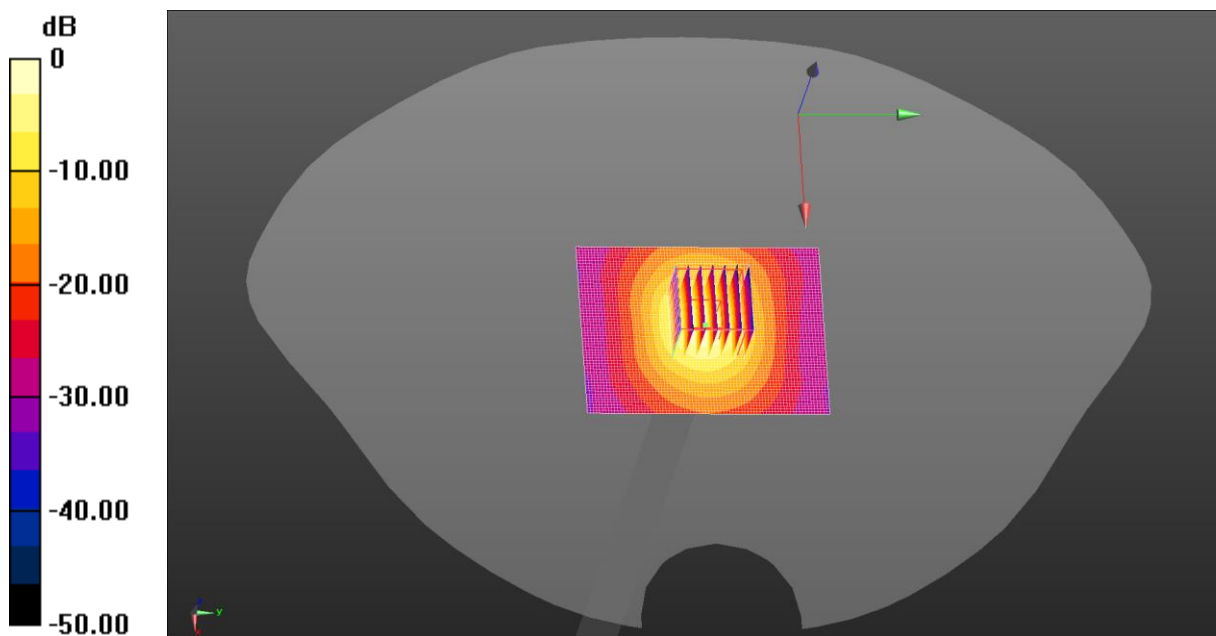
Peak SAR (extrapolated) = 14.2 W/kg

SAR(1 g) = 3.24 W/kg; SAR(10 g) = 0.927 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 51.8%

Maximum value of SAR (measured) = 8.48 W/kg



$$0 \text{ dB} = 8.48 \text{ W/kg} = 9.28 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 08.11.2024

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: SN:1320

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5800$ MHz; $\sigma = 5.189$ S/m; $\epsilon_r = 36.592$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.01, 5.01, 5.01) @ 5800 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

System Performance Check at Frequency 5GHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.32 W/kg

System Performance Check at Frequency 5GHz Head Tissue/d=10mm, Pin=40 mW, dist=1.4mm (EX-Probe)/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 38.29 V/m; Power Drift = 0.02 dB

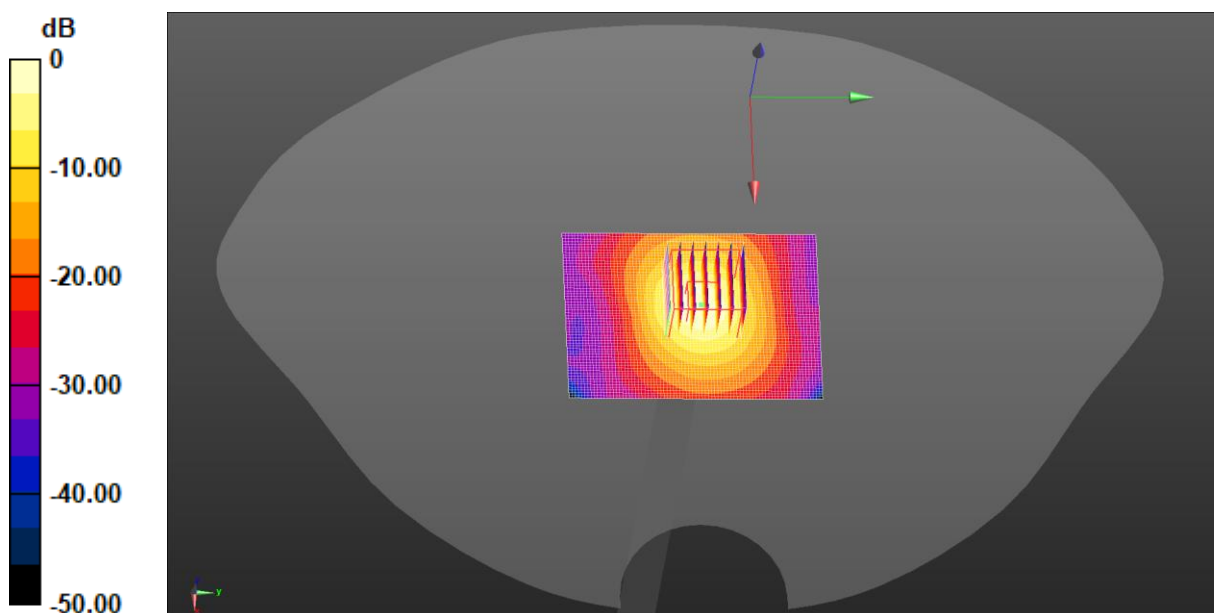
Peak SAR (extrapolated) = 14.1 W/kg

SAR(1 g) = 3.05 W/kg; SAR(10 g) = 0.883 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 49.3%

Maximum value of SAR (measured) = 8.16 W/kg



0 dB = 8.16 W/kg = 9.12 dBW/kg

Appendix B: Plots of SAR Test Data

Test Laboratory: JYTSZ

Date: 08.17.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400081-3

Communication System: UID 0, GSM (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042
 Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.899$ S/m; $\epsilon_r = 42.841$; $\rho = 1000$ kg/m³

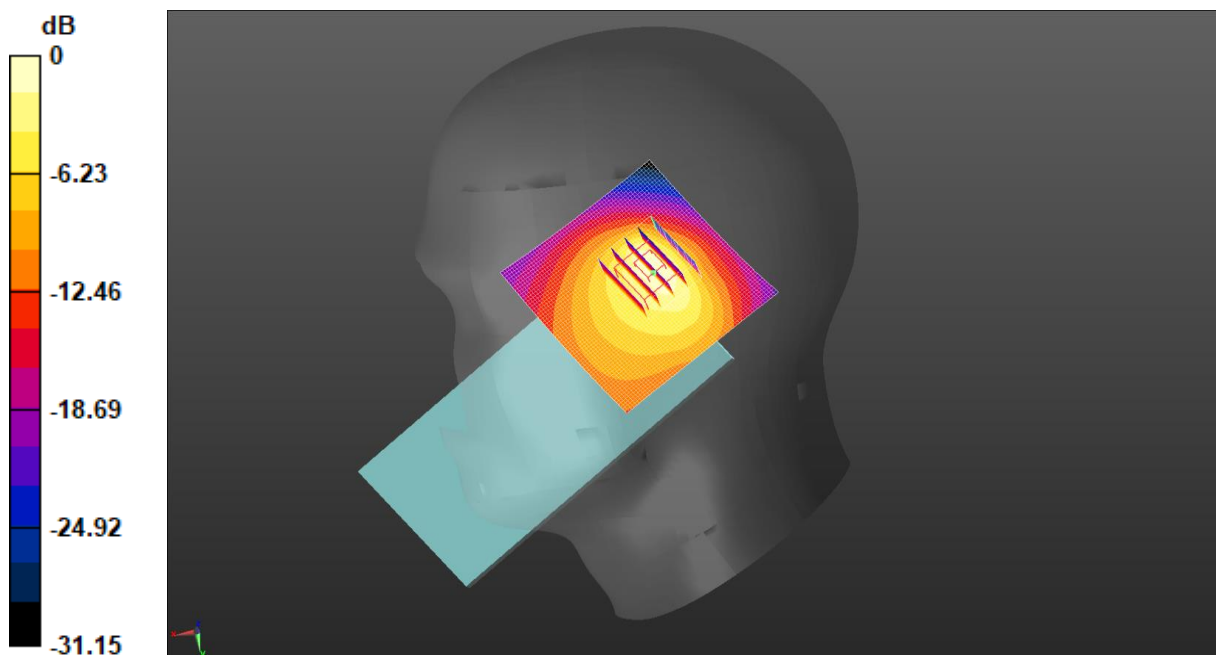
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(10.3, 10.3, 10.3) @ 836.6 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

GSM 850 Right Tilted/Middle Channel/Area Scan (61x61x1): Interpolated grid:
 $dx=1.500$ mm, $dy=1.500$ mm
 Maximum value of SAR (interpolated) = 1.47 W/kg

GSM 850 Right Tilted/Middle Channel/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
 Reference Value = 32.35 V/m; Power Drift = 0.06 dB
 Peak SAR (extrapolated) = 2.17 W/kg
SAR(1 g) = 0.759 W/kg; SAR(10 g) = 0.374 W/kg
 Smallest distance from peaks to all points 3 dB below = 8 mm
 Ratio of SAR at M2 to SAR at M1 = 36.3%
 Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.47 W/kg = 1.67 dBW/kg

Test Laboratory: JYTSZ

Date: 08.20.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400081-3

Communication System: UID 0, GSM (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.374$ S/m; $\epsilon_r = 41.292$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(8.44, 8.44, 8.44) @ 1880 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

GSM 1900 Right Tilted/Middle Channel/Area Scan (61x61x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.942 W/kg

GSM 1900 Right Tilted/Middle Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.10 V/m; Power Drift = -0.18 dB

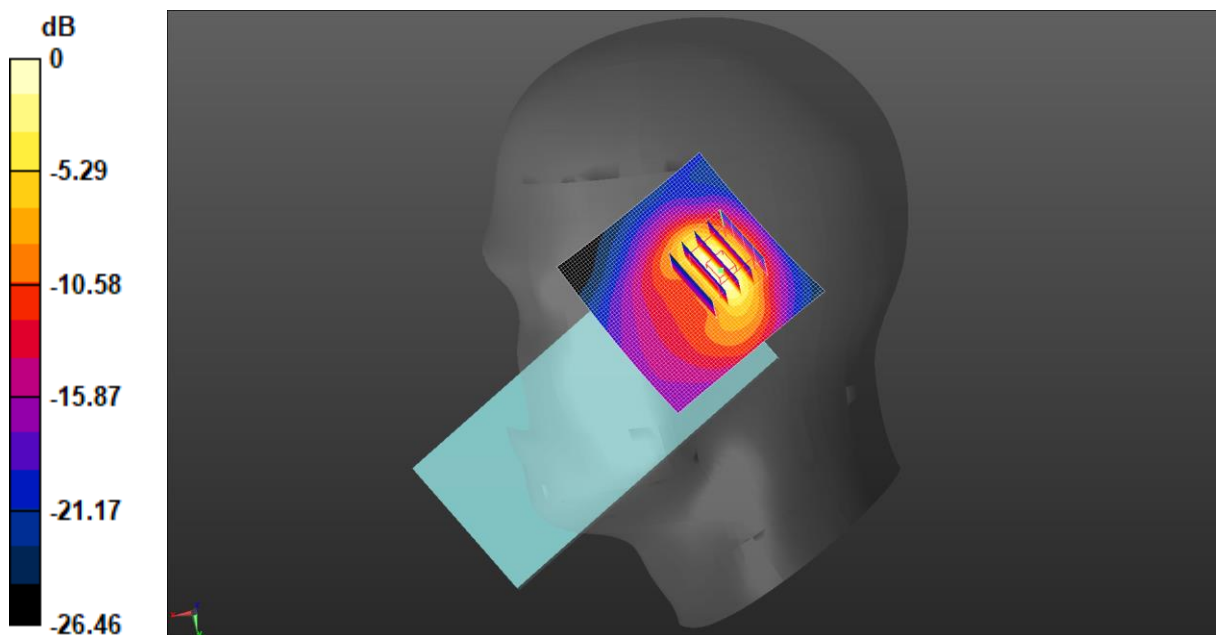
Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.504 W/kg; SAR(10 g) = 0.224 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 45.7%

Maximum value of SAR (measured) = 0.897 W/kg



0 dB = 0.942 W/kg = -0.26 dBW/kg

Test Laboratory: JYTSZ

Date: 08.20.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400081-3

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

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.373$ S/m; $\epsilon_r = 41.292$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(8.44, 8.44, 8.44) @ 1907.6 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

WCDMA 1900 Right Tilted/High Channel/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.04 W/kg

WCDMA 1900 Right Tilted/High Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.70 V/m; Power Drift = -0.00 dB

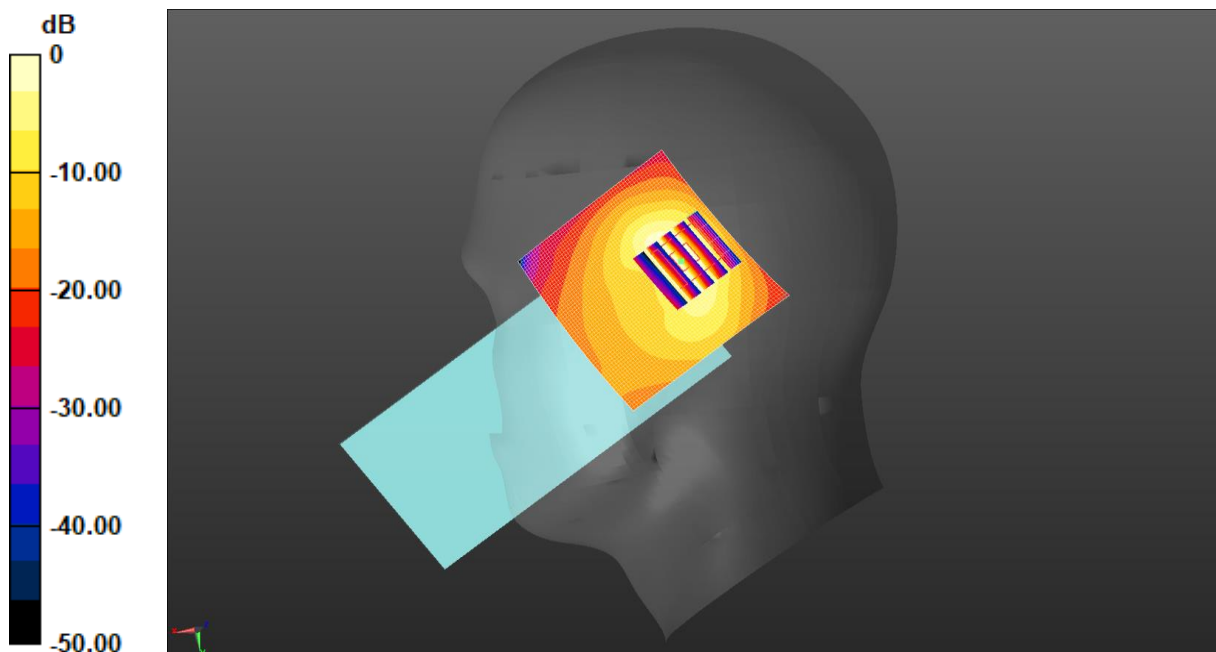
Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.319 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 45.3%

Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.04 W/kg = 0.15 dBW/kg

Test Laboratory: JYTSZ

Date: 08.02.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400081-3

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.325$ S/m; $\epsilon_r = 41.43$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(8.73, 8.73, 8.73) @ 1712.4 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

WCDMA 1700 Right Tilted/Low Channel/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.850 W/kg

WCDMA 1700 Right Tilted/Low Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.98 V/m; Power Drift = -0.00 dB

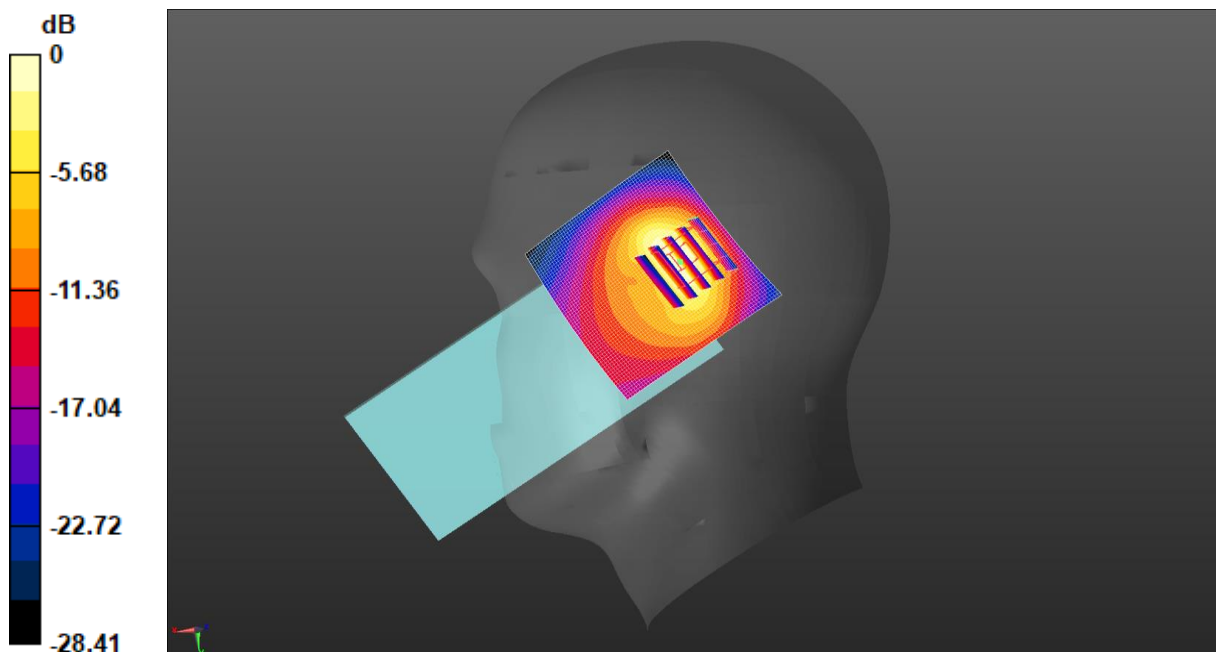
Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.563 W/kg; SAR(10 g) = 0.259 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 46.8%

Maximum value of SAR (measured) = 0.942 W/kg



0 dB = 0.850 W/kg = -0.70 dBW/kg

Test Laboratory: JYTSZ

Date: 08.17.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400081-3

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

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.899$ S/m; $\epsilon_r = 42.841$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(10.3, 10.3, 10.3) @ 836.6 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

WCDMA 850 Right Tilted/Middle Channel/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.34 W/kg

WCDMA 850 Right Tilted/Middle Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.28 V/m; Power Drift = -0.09 dB

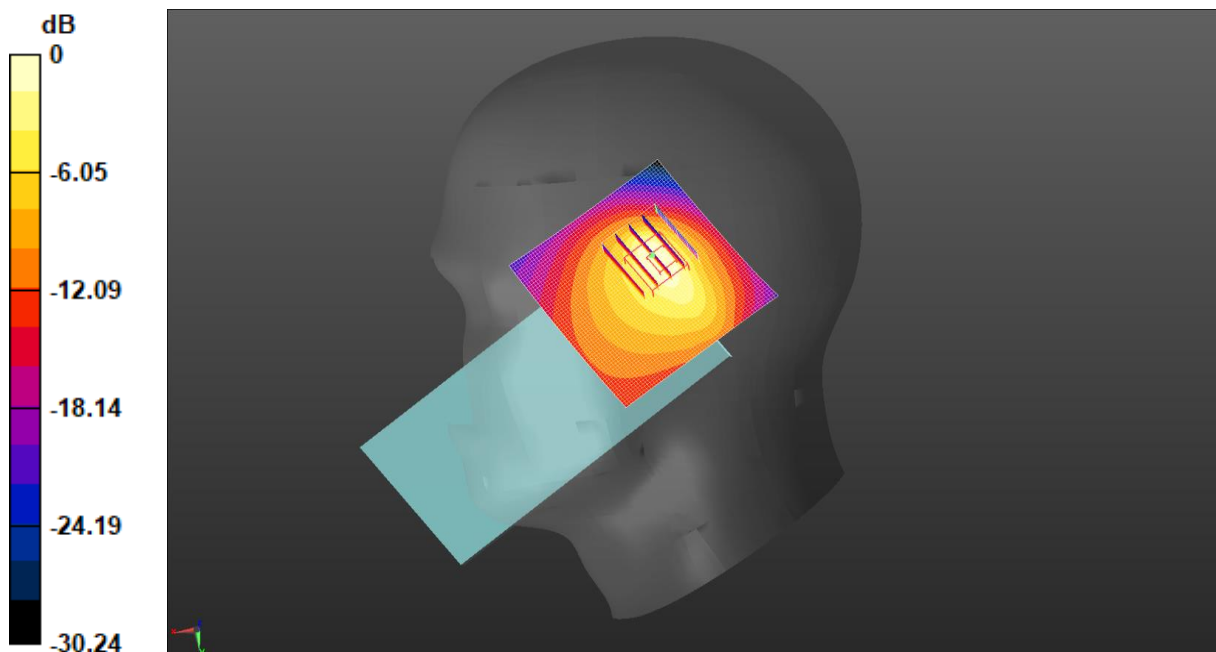
Peak SAR (extrapolated) = 2.87 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.513 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 43.5%

Maximum value of SAR (measured) = 1.65 W/kg



0 dB = 2.34 W/kg = 3.69 dBW/kg

Test Laboratory: JYTSZ

Date: 08.20.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400081-3

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.374$ S/m; $\epsilon_r = 41.292$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(8.44, 8.44, 8.44) @ 1880 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 2 1RB(20MHz) Right Tilted/Middle Channel/Area Scan (61x61x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.942 W/kg

LTE Band 2 1RB(20MHz) Right Tilted/Middle Channel/Zoom Scan

(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.61 V/m; Power Drift = 0.08 dB

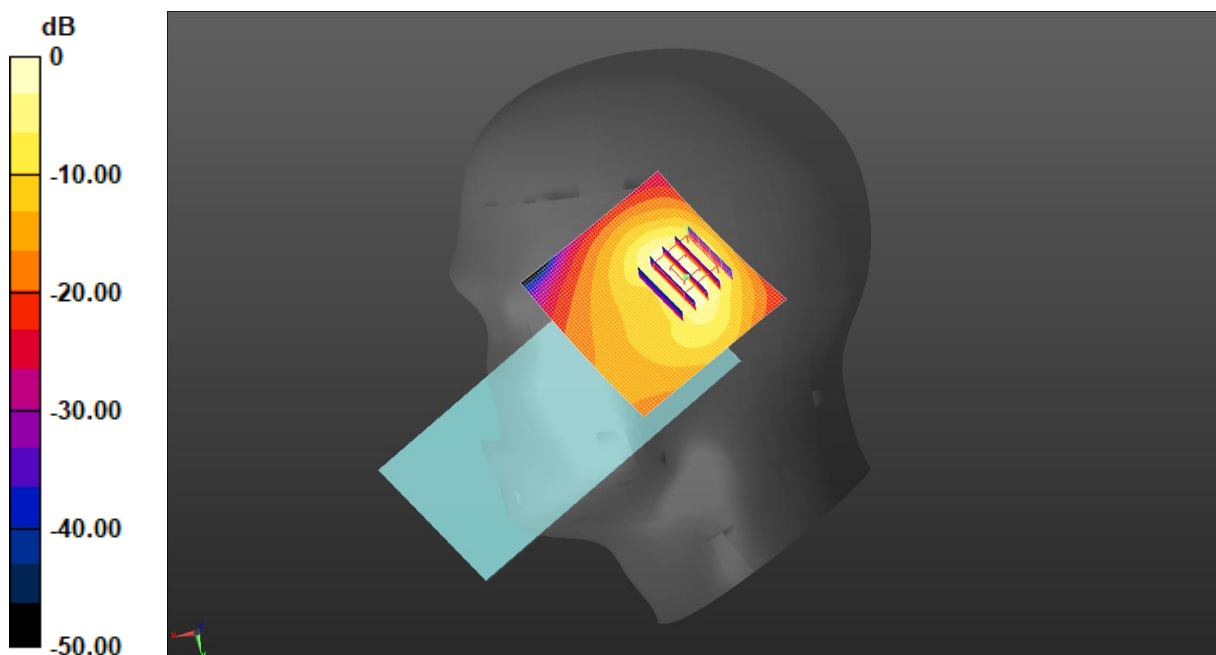
Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.667 W/kg; SAR(10 g) = 0.296 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 45.5%

Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 0.942 W/kg = -0.26 dBW/kg

Test Laboratory: JYTSZ

Date: 08.02.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400081-3

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

Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.344$ S/m; $\epsilon_r = 41.379$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(8.73, 8.73, 8.73) @ 1745 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 4 1RB(20MHz) Right Tilted/HighChannel/Area Scan (61x61x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.896 W/kg

LTE Band 4 1RB(20MHz) Right Tilted/HighChannel/Zoom Scan

(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.22 V/m; Power Drift = 0.01 dB

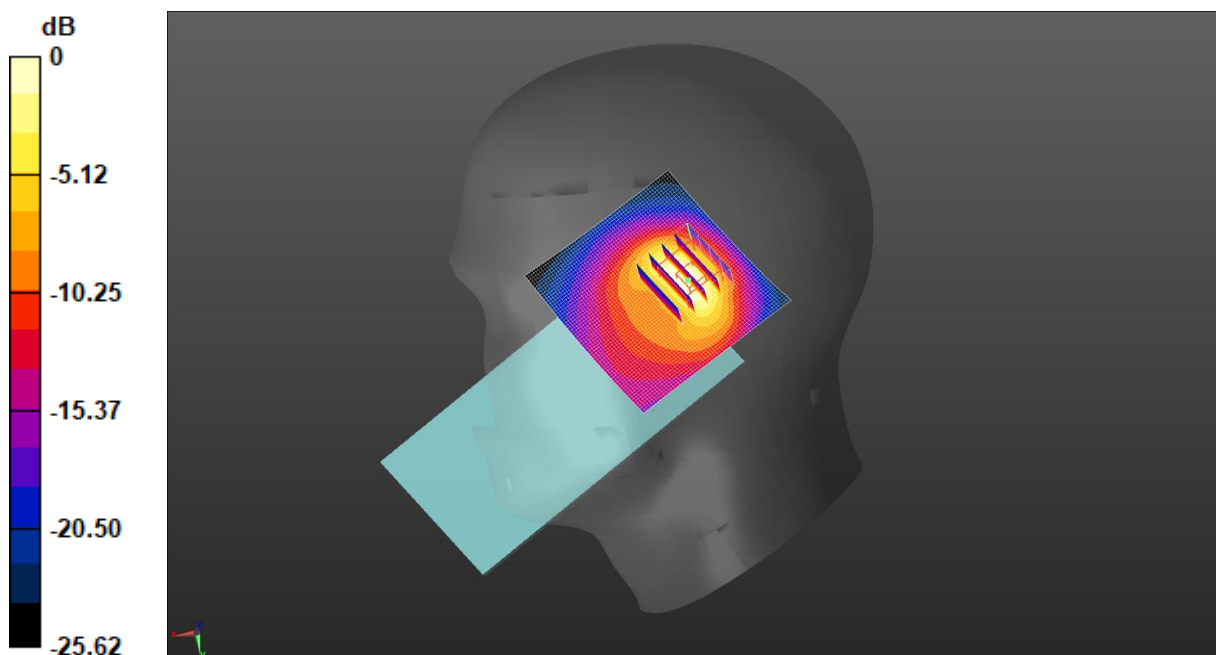
Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.510 W/kg; SAR(10 g) = 0.234 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 47%

Maximum value of SAR (measured) = 0.871 W/kg



0 dB = 0.896 W/kg = -0.48 dBW/kg

Test Laboratory: JYTSZ

Date: 08.17.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400081-3

Communication System: UID 0, LTE-FDD(USA) 1RB QPSK (0); Frequency: 844 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 844$ MHz; $\sigma = 0.902$ S/m; $\epsilon_r = 42.814$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(10.3, 10.3, 10.3) @ 844 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 5 1RB(10MHz) Right Cheek/High Channel/Area Scan (61x61x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.96 W/kg

LTE Band 5 1RB(10MHz) Right Cheek/High Channel/Zoom Scan

(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.17 V/m; Power Drift = 0.05 dB

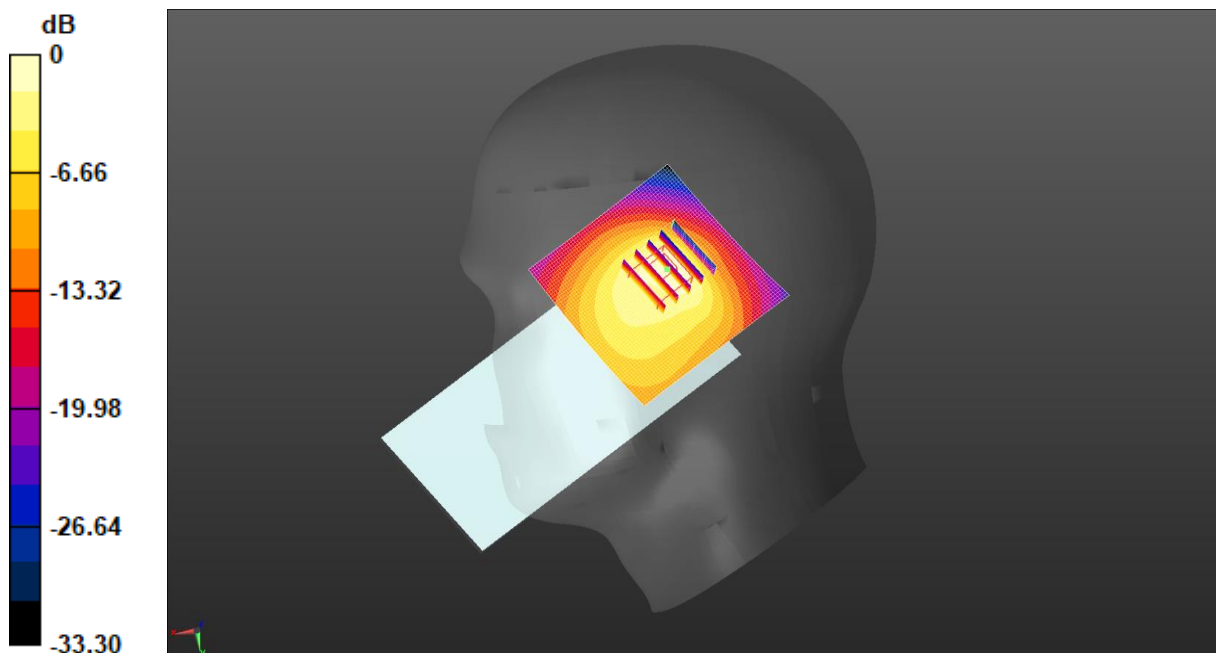
Peak SAR (extrapolated) = 2.64 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.586 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 38.4%

Maximum value of SAR (measured) = 1.86 W/kg



0 dB = 1.96 W/kg = 2.93 dBW/kg

Test Laboratory: JYTSZ

Date: 08.02.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400081-3

Communication System: UID 0, LTE-FDD(USA) 1RB QPSK (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.884$ S/m; $\epsilon_r = 40.352$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(7.6, 7.6, 7.6) @ 2560 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 7 1RB(20MHz) Right Tilted/High Channel/Area Scan (71x71x1):

Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.97 W/kg

LTE Band 7 1RB(20MHz) Right Tilted/High Channel/Zoom Scan

(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.394 V/m; Power Drift = 0.05 dB

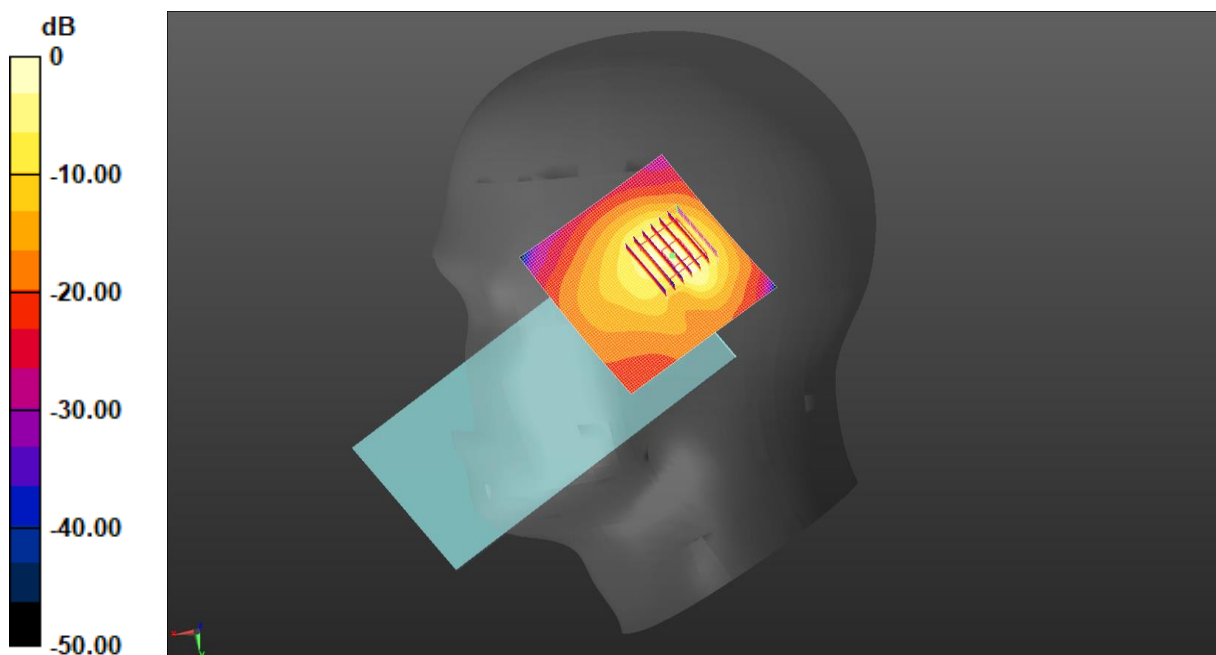
Peak SAR (extrapolated) = 2.43 W/kg

SAR(1 g) = 0.966 W/kg; SAR(10 g) = 0.399 W/kg

Smallest distance from peaks to all points 3 dB below = 7.3 mm

Ratio of SAR at M2 to SAR at M1 = 39.3%

Maximum value of SAR (measured) = 1.84 W/kg



0 dB = 1.97 W/kg = 2.94 dBW/kg

Test Laboratory: JYTSZ

Date: 08.02.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400081-3

Communication System: UID 0, LTE-TDD(USA) 20MHz 1RB QPSK (0); Frequency: 2645 MHz; Duty Cycle: 1:1.59956
 Medium parameters used (interpolated): $f = 2645$ MHz; $\sigma = 1.976$ S/m; $\epsilon_r = 40.244$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY5 Configuration:

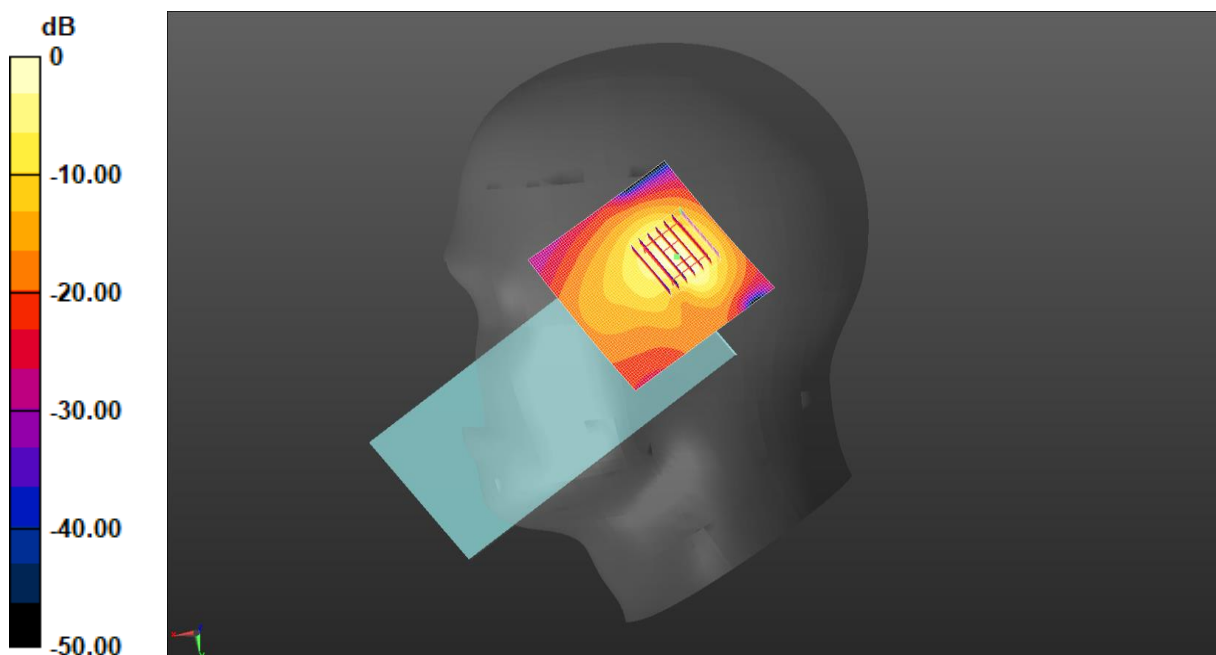
- Probe: EX3DV4 - SN7601; ConvF(7.6, 7.6, 7.6) @ 2645 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 41 1RB(20MHz) Right Tilted/High Channel/Area Scan (71x71x1):

Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 1.12 W/kg

LTE Band 41 1RB(20MHz) Right Tilted/High Channel/Zoom Scan

(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 4.973 V/m; Power Drift = -0.00 dB
 Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.534 W/kg; SAR(10 g) = 0.220 W/kg
 Smallest distance from peaks to all points 3 dB below = 7.3 mm
 Ratio of SAR at M2 to SAR at M1 = 39.7%
 Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.12 W/kg = 0.51 dBW/kg

Test Laboratory: JYTSZ

Date: 08.14.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400081-2

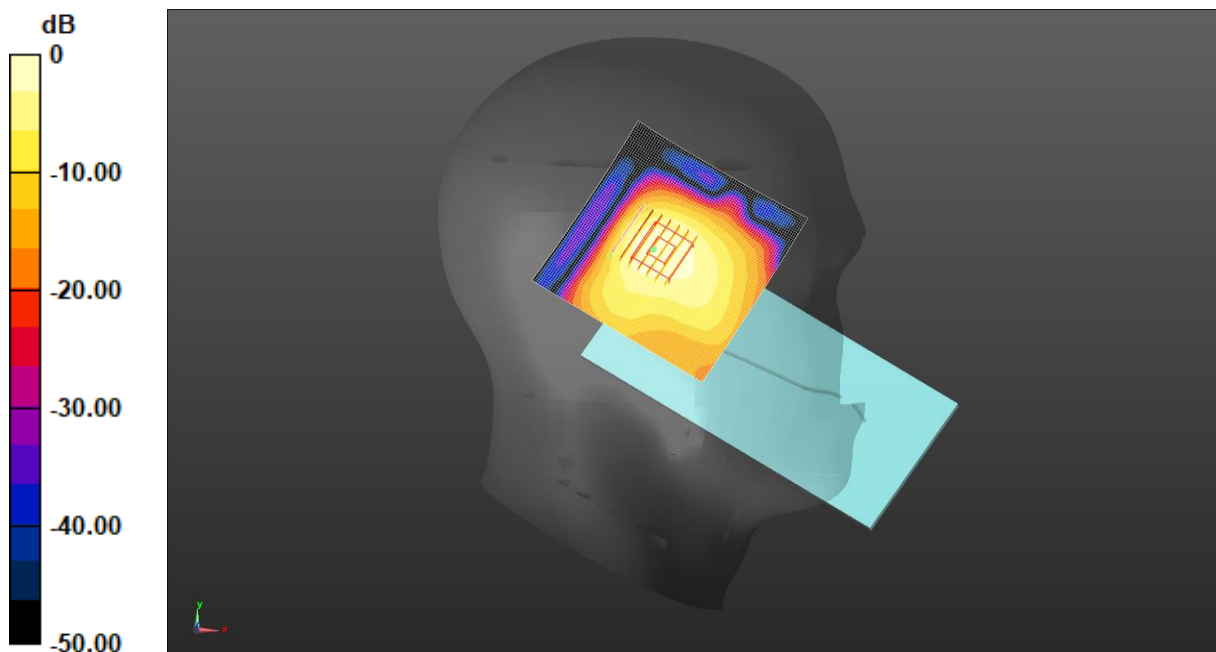
Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);
 Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.754$ S/m; $\epsilon_r = 40.515$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(7.89, 7.89, 7.89) @ 2437 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2.4G WiFi Left Cheek/Middle Channel/Area Scan (81x81x1): Interpolated grid:
 dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 0.411 W/kg

2.4G WiFi Left Cheek/Middle Channel/Zoom Scan (7x7x7)/Cube 0:
 Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 7.183 V/m; Power Drift = -0.20 dB
 Peak SAR (extrapolated) = 0.460 W/kg
SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.106 W/kg
 Smallest distance from peaks to all points 3 dB below = 10.9 mm
 Ratio of SAR at M2 to SAR at M1 = 45%
 Maximum value of SAR (measured) = 0.342 W/kg



0 dB = 0.411 W/kg = -3.86 dBW/kg

Test Laboratory: JYTSZ

Date: 08.23.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400081-2

Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.562 \text{ S/m}$; $\epsilon_r = 37.301$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.51, 5.51, 5.51) @ 5180 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.2G WiFi Left Cheek/Low Channel/Area Scan (91x91x1): Interpolated grid:

$dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.599 W/kg

5.2G WiFi Left Cheek/Low Channel/Zoom Scan (7x7x12)/Cube 0: Measurement

grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 1.350 V/m; Power Drift = 0.17 dB

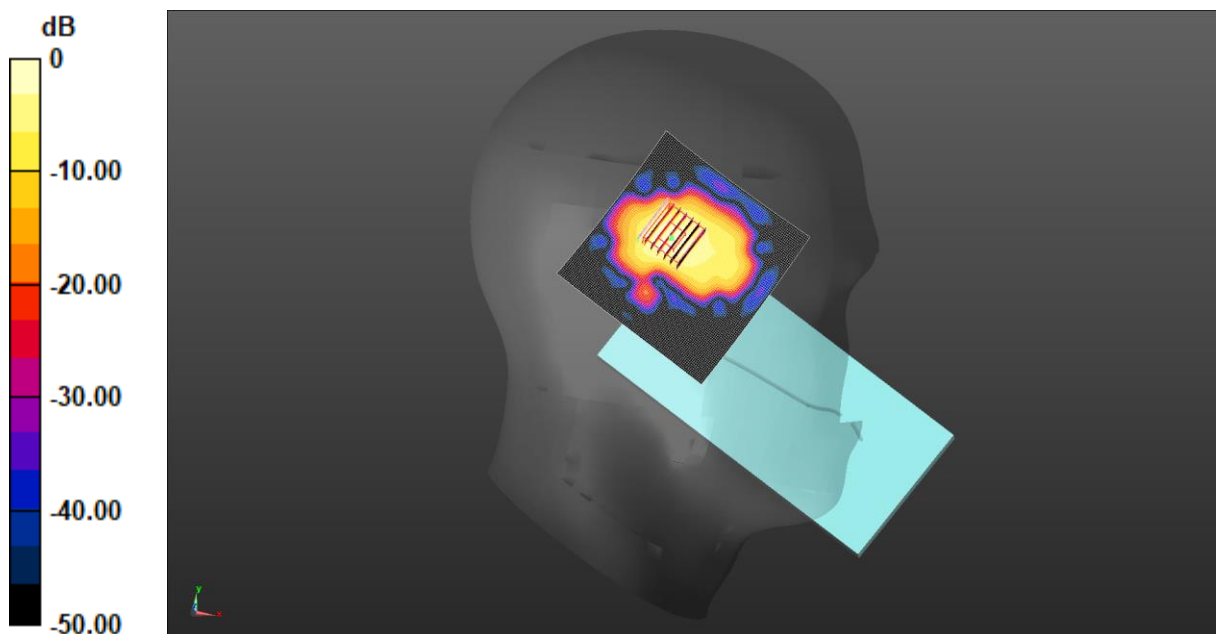
Peak SAR (extrapolated) = 0.925 W/kg

SAR(1 g) = 0.229 W/kg; SAR(10 g) = 0.064 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 53.4%

Maximum value of SAR (measured) = 0.624 W/kg



0 dB = 0.624 W/kg = -2.05 dBW/kg

Test Laboratory: JYTSZ

Date: 08.05.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400081-2

Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5320 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5320$ MHz; $\sigma = 4.704$ S/m; $\epsilon_r = 37.141$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.51, 5.51, 5.51) @ 5320 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.3G WiFi Left Cheek/High Channel/Area Scan (91x91x1): Interpolated grid:

$dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.610 W/kg

5.3G WiFi Left Cheek/High Channel/Zoom Scan (7x7x12)/Cube 0: Measurement

grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 1.663 V/m; Power Drift = 0.03 dB

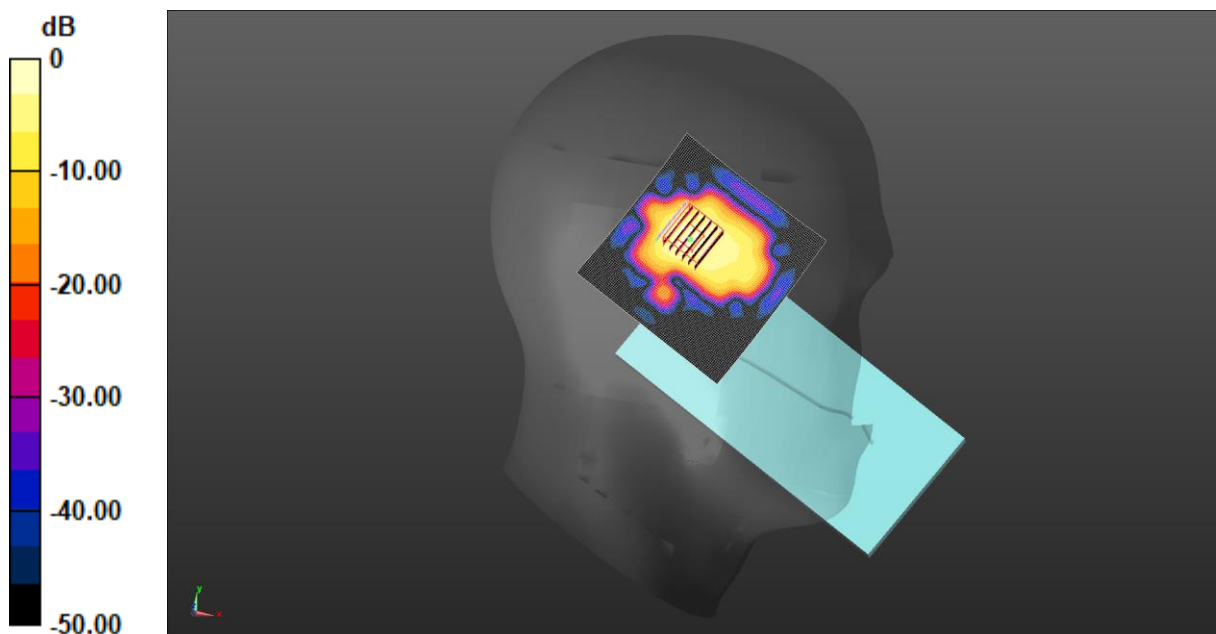
Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.071 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 50.4%

Maximum value of SAR (measured) = 0.624 W/kg



0 dB = 0.624 W/kg = -2.05 dBW/kg

Test Laboratory: JYTSZ

Date: 08.08.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400081-2

Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600 \text{ MHz}$; $\sigma = 4.987 \text{ S/m}$; $\epsilon_r = 36.821$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(4.78, 4.78, 4.78) @ 5600 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.6G WiFi Left Cheek/Middle Channel/Area Scan (91x91x1): Interpolated grid:

$dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.809 W/kg

5.6G WiFi Left Cheek/Middle Channel/Zoom Scan (7x7x12)/Cube 0:

Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 0 V/m; Power Drift = 0.00 dB

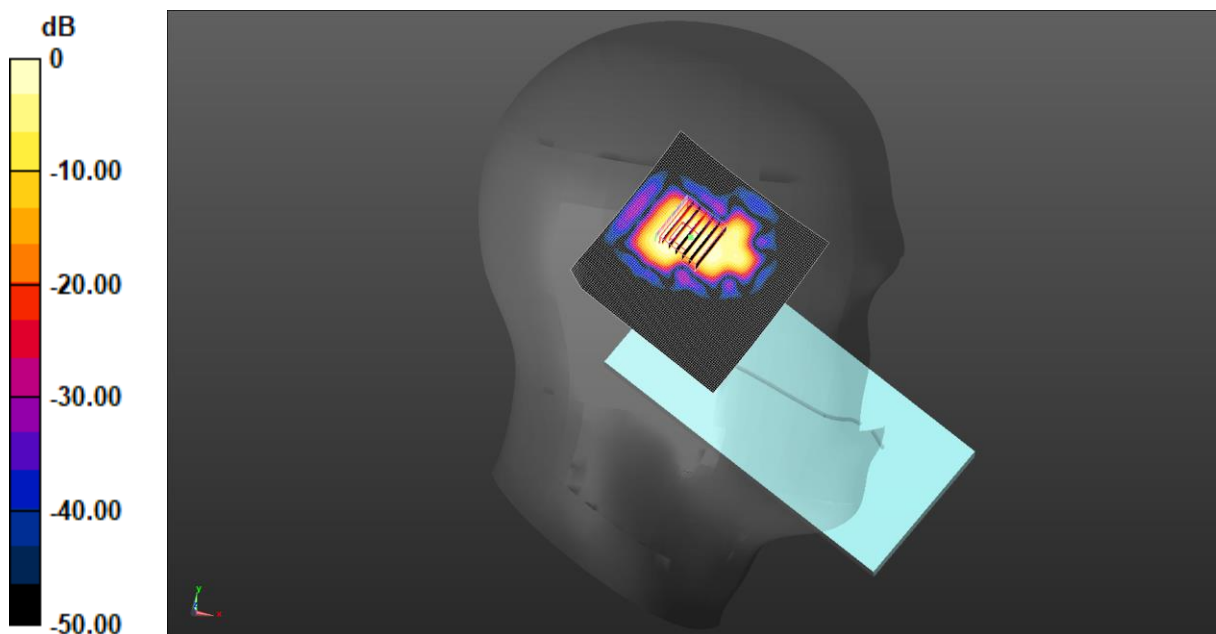
Peak SAR (extrapolated) = 0.912 W/kg

SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.064 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 48.6%

Maximum value of SAR (measured) = 0.547 W/kg



0 dB = 0.547 W/kg = -2.62 dBW/kg

Test Laboratory: JYTSZ

Date: 08.11.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400081-2

Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5825$ MHz; $\sigma = 5.214$ S/m; $\epsilon_r = 36.563$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.01, 5.01, 5.01) @ 5825 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.8G WiFi Left Cheek/High Channel/Area Scan (91x91x1): Interpolated grid:

$dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.05 W/kg

5.8G WiFi Left Cheek/High Channel/Zoom Scan (7x7x12)/Cube 0: Measurement

grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 1.331 V/m; Power Drift = 0.04 dB

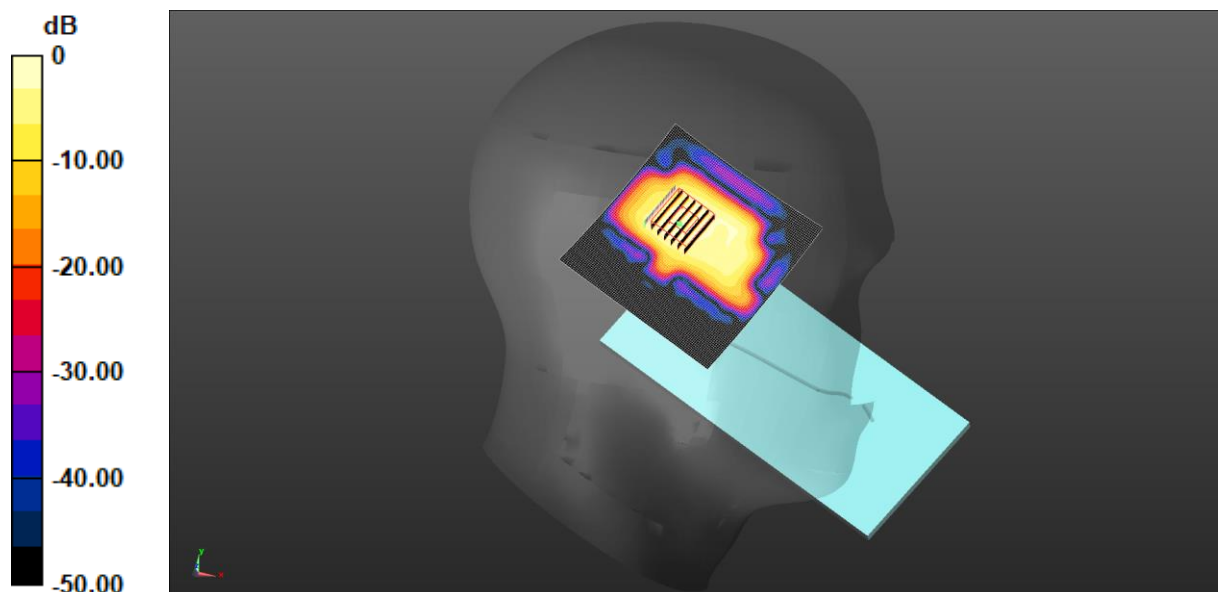
Peak SAR (extrapolated) = 1.93 W/kg

SAR(1 g) = 0.424 W/kg; SAR(10 g) = 0.133 W/kg

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 47.9%

Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg = 0.25 dBW/kg

Test Laboratory: JYTSZ

Date: 08.14.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400081-2

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.758$ S/m; $\epsilon_r = 40.508$; $\rho = 1000$ kg/m³

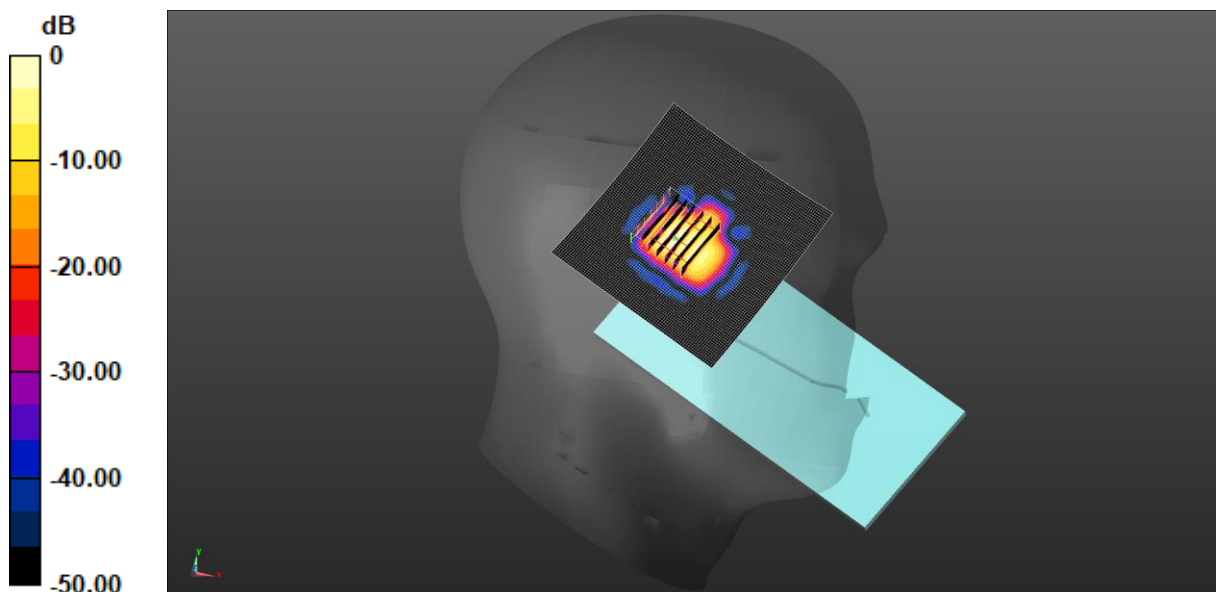
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(7.89, 7.89, 7.89) @ 2441 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Bluetooth Left Cheek/Middle Channel/Area Scan (81x81x1): Interpolated grid:
 $dx=1.200$ mm, $dy=1.200$ mm
 Maximum value of SAR (interpolated) = 0.0553 W/kg

Bluetooth Left Cheek/Middle Channel/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 0.9850 V/m; Power Drift = 0.11 dB
 Peak SAR (extrapolated) = 0.0210 W/kg
SAR(1 g) = 0.00978 W/kg; SAR(10 g) = 0.00367 W/kg
 Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 15 mm)
 Ratio of SAR at M2 to SAR at M1 = 37.1%
 Maximum value of SAR (measured) = 0.0170 W/kg



0 dB = 0.0553 W/kg = -12.57 dBW/kg

Test Laboratory: JYTSZ

Date: 08.17.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400081-3

Communication System: UID 0, GPRS(4 Slots) (0); Frequency: 836.6 MHz; Duty Cycle: 1:1.99986

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.899$ S/m; $\epsilon_r = 42.841$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(10.3, 10.3, 10.3) @ 836.6 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

GPRS 850 4Slots Body Back/Middle Channel/Area Scan (61x101x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.853 W/kg

GPRS 850 4Slots Body Back/Middle Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.23 V/m; Power Drift = 0.08 dB

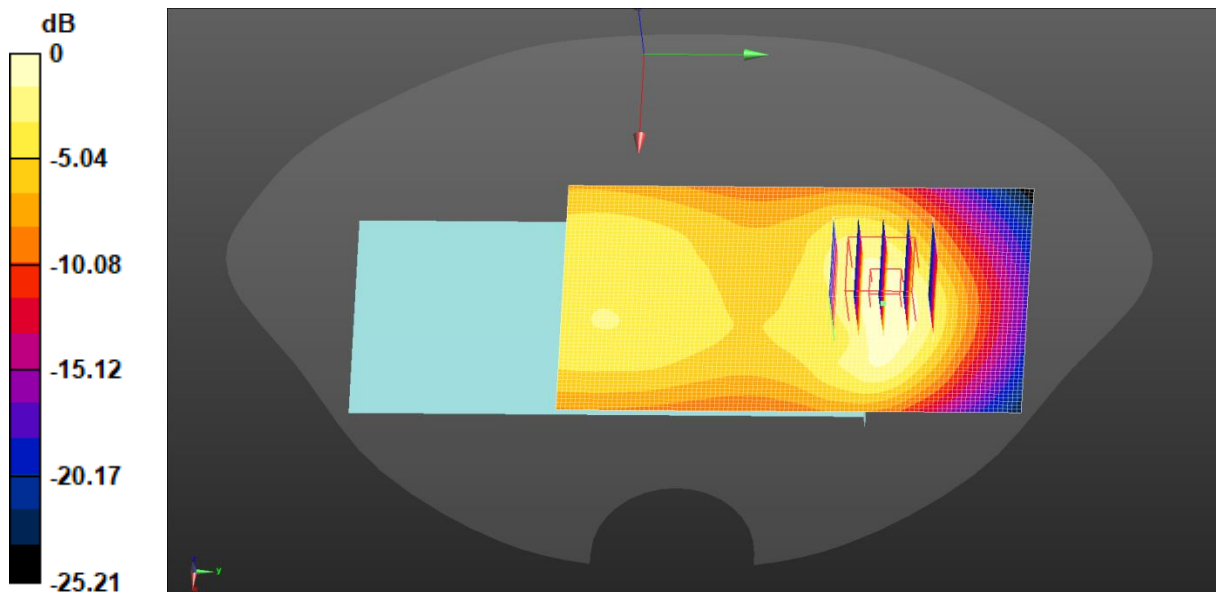
Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.527 W/kg; SAR(10 g) = 0.293 W/kg

Smallest distance from peaks to all points 3 dB below = 13.2 mm

Ratio of SAR at M2 to SAR at M1 = 48.5%

Maximum value of SAR (measured) = 0.842 W/kg



Test Laboratory: JYTSZ

Date: 08.20.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400081-3

Communication System: UID 0, GPRS(4 Slots) (0); Frequency: 1880 MHz; Duty Cycle: 1:8.91251

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.374 \text{ S/m}$; $\epsilon_r = 41.292$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

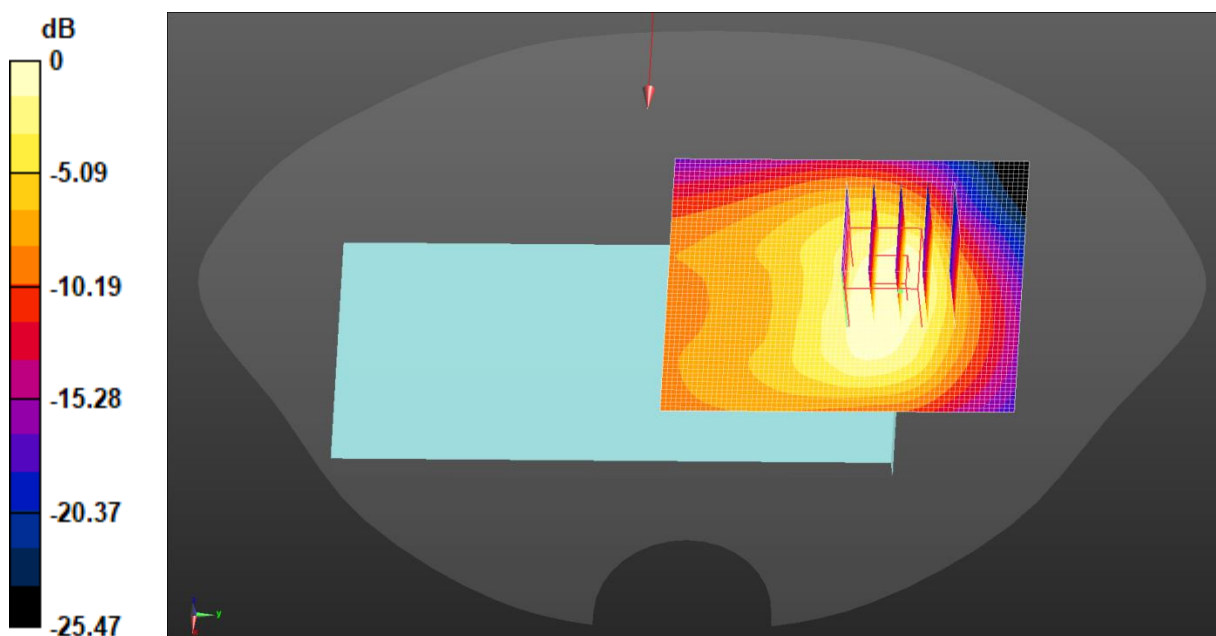
- Probe: EX3DV4 - SN7601; ConvF(8.44, 8.44, 8.44) @ 1880 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

GPRS 1900 4Slots Body Back/Middle Channel/Area Scan (61x71x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 1.27 W/kg

GPRS 1900 4Slots Body Back/Middle Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 12.15 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.797 W/kg; SAR(10 g) = 0.444 W/kg
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 52.8%
Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.27 W/kg = 1.05 dBW/kg

Test Laboratory: JYTSZ

Date: 08.20.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400081-3

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

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.373$ S/m; $\epsilon_r = 41.292$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(8.44, 8.44, 8.44) @ 1907.6 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

WCDMA 1900 Body Back/High Channel/Area Scan (61x71x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.345 W/kg

WCDMA 1900 Body Back/High Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.545 V/m; Power Drift = -0.02 dB

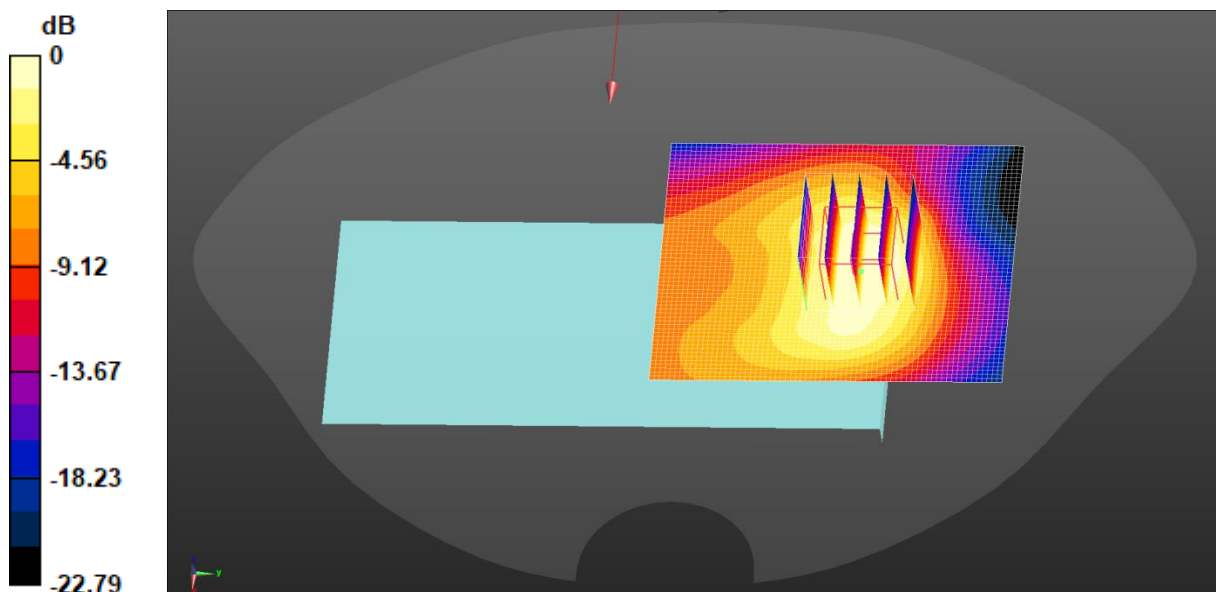
Peak SAR (extrapolated) = 0.424 W/kg

SAR(1 g) = 0.229 W/kg; SAR(10 g) = 0.126 W/kg

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 56.7%

Maximum value of SAR (measured) = 0.332 W/kg



0 dB = 0.345 W/kg = -4.63 dBW/kg

Test Laboratory: JYTSZ

Date: 08.02.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400081-3

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.325$ S/m; $\epsilon_r = 41.43$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(8.73, 8.73, 8.73) @ 1712.4 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

WCDMA 1700 Body Back/Low Channel/Area Scan (61x71x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.289 W/kg

WCDMA 1700 Body Back/Low Channel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.800 V/m; Power Drift = 0.12 dB

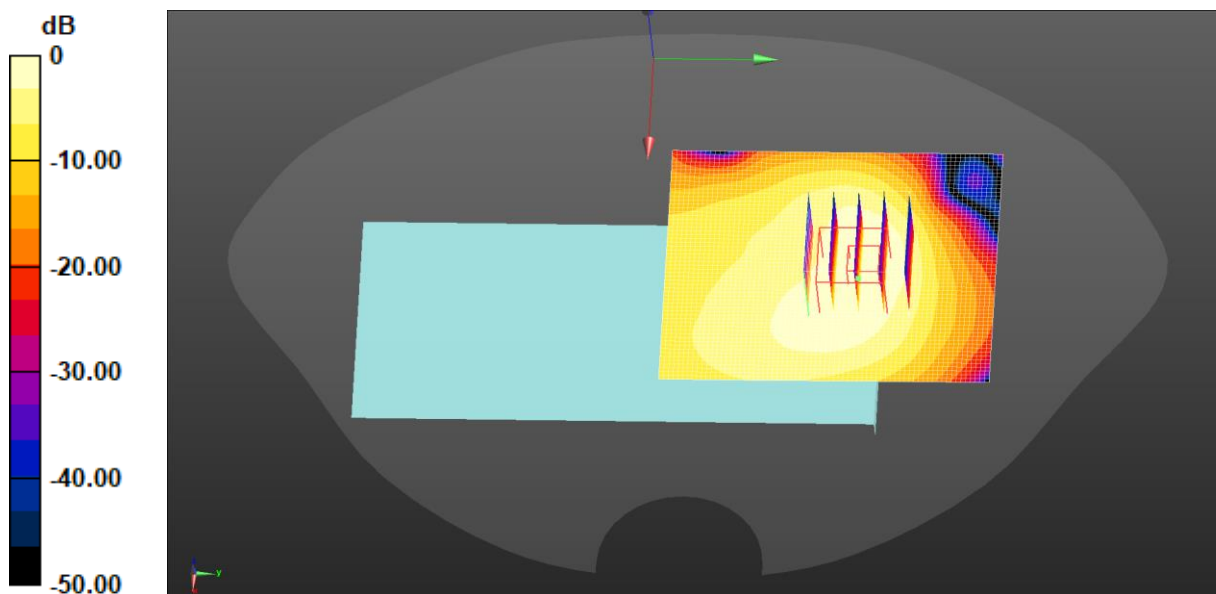
Peak SAR (extrapolated) = 0.374 W/kg

SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.115 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 56.3%

Maximum value of SAR (measured) = 0.308 W/kg



$0 \text{ dB} = 0.289 \text{ W/kg} = -5.39 \text{ dBW/kg}$

Test Laboratory: JYTSZ

Date: 08.17.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400081-3

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.896$ S/m; $\epsilon_r = 42.878$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(10.3, 10.3, 10.3) @ 826.4 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

WCDMA 850 Body Back/LowChannel/Area Scan (71x81x1): Interpolated grid:

$dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.501 W/kg

WCDMA 850 Body Back/LowChannel/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.00 V/m; Power Drift = -0.03 dB

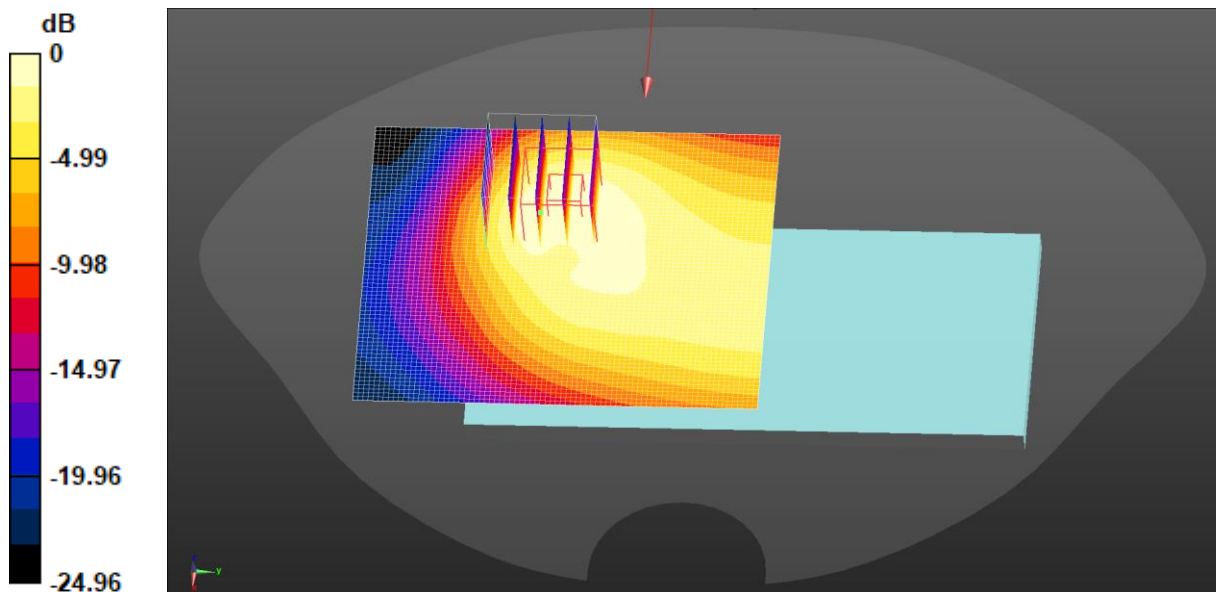
Peak SAR (extrapolated) = 0.568 W/kg

SAR(1 g) = 0.308 W/kg; SAR(10 g) = 0.187 W/kg

Smallest distance from peaks to all points 3 dB below = 12.9 mm

Ratio of SAR at M2 to SAR at M1 = 54.3%

Maximum value of SAR (measured) = 0.439 W/kg



0 dB = 0.501 W/kg = -3.00 dBW/kg

Test Laboratory: JYTSZ

Date: 08.20.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400081-3

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.374$ S/m; $\epsilon_r = 41.292$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(8.44, 8.44, 8.44) @ 1880 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 2 1RB(20MHz) Body Back/Middle Channel/Area Scan (61x71x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.493 W/kg

LTE Band 2 1RB(20MHz) Body Back/Middle Channel/Zoom Scan

(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.286 V/m; Power Drift = 0.10 dB

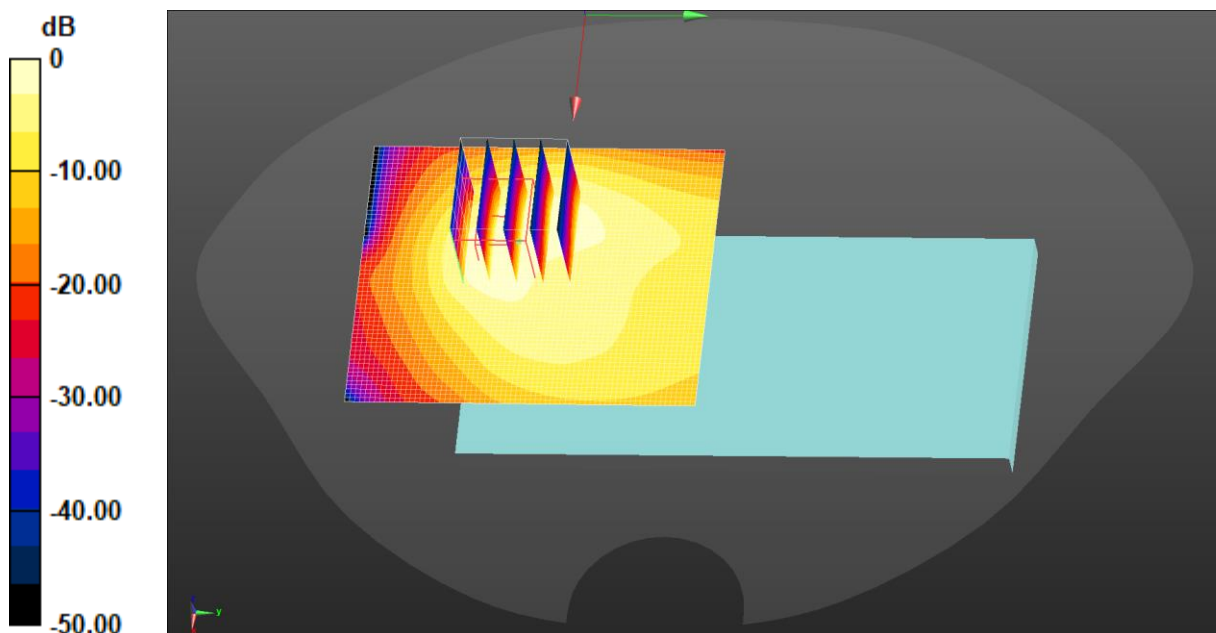
Peak SAR (extrapolated) = 0.625 W/kg

SAR(1 g) = 0.311 W/kg; SAR(10 g) = 0.159 W/kg

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 50.6%

Maximum value of SAR (measured) = 0.492 W/kg



0 dB = 0.493 W/kg = -3.07 dBW/kg

Test Laboratory: JYTSZ

Date: 08.02.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400081-3

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

Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.344$ S/m; $\epsilon_r = 41.379$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(8.73, 8.73, 8.73) @ 1745 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 4 1RB(20MHz) Body Back/High Channel/Area Scan (61x71x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.303 W/kg

LTE Band 4 1RB(20MHz) Body Back/High Channel/Zoom Scan (5x5x7)/Cube

0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.116 V/m; Power Drift = 0.12 dB

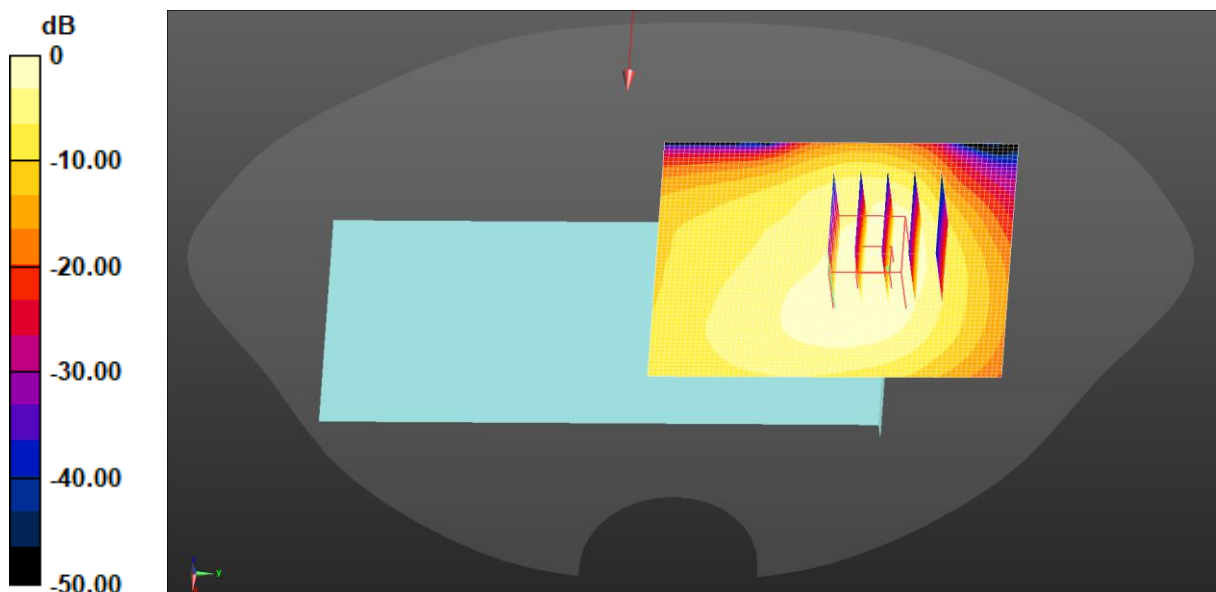
Peak SAR (extrapolated) = 0.356 W/kg

SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.123 W/kg

Smallest distance from peaks to all points 3 dB below = 11.6 mm

Ratio of SAR at M2 to SAR at M1 = 57.8%

Maximum value of SAR (measured) = 0.292 W/kg



$0 \text{ dB} = 0.303 \text{ W/kg} = -5.19 \text{ dBW/kg}$

Test Laboratory: JYTSZ

Date: 08.17.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400082-2

Communication System: UID 0, LTE-FDD(USA) 1RB QPSK (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.899$ S/m; $\epsilon_r = 42.841$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(10.3, 10.3, 10.3) @ 836.5 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 5 1RB(10MHz) Body Back/Middle Channel/Area Scan (61x101x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.599 W/kg

LTE Band 5 1RB(10MHz) Body Back/Middle Channel/Zoom Scan

(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.55 V/m; Power Drift = -0.07 dB

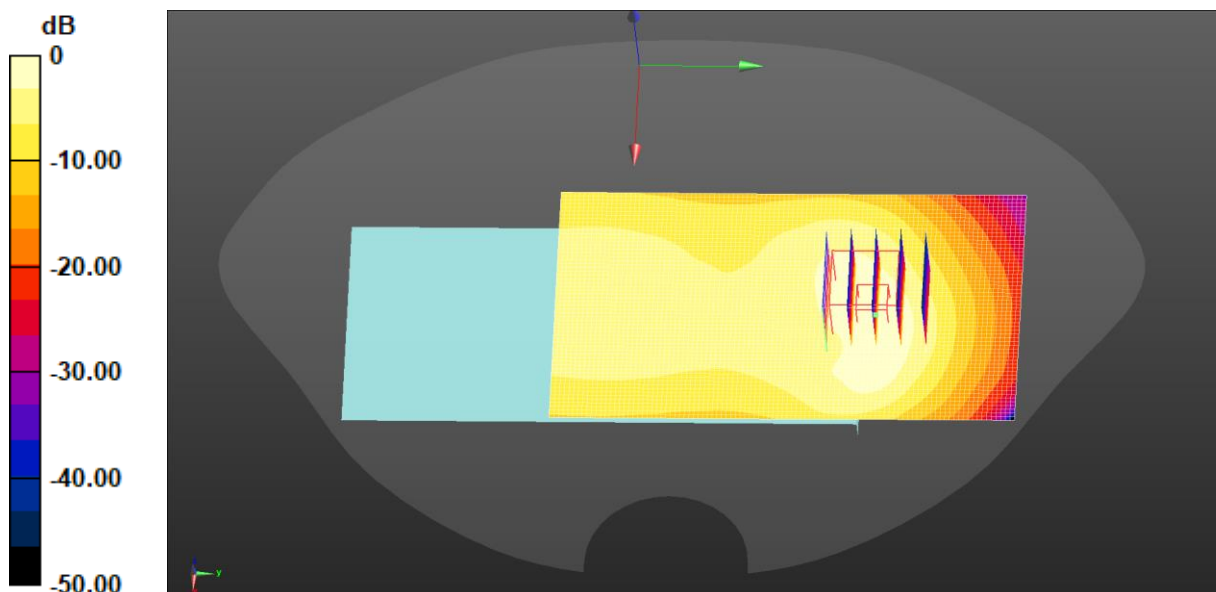
Peak SAR (extrapolated) = 0.761 W/kg

SAR(1 g) = 0.352 W/kg; SAR(10 g) = 0.193 W/kg

Smallest distance from peaks to all points 3 dB below = 11.5 mm

Ratio of SAR at M2 to SAR at M1 = 45.8%

Maximum value of SAR (measured) = 0.592 W/kg



0 dB = 0.599 W/kg = -2.23 dBW/kg

Test Laboratory: JYTSZ

Date: 08.14.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400081-3

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

Medium parameters used: $f = 2510$ MHz; $\sigma = 1.83$ S/m; $\epsilon_r = 40.416$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

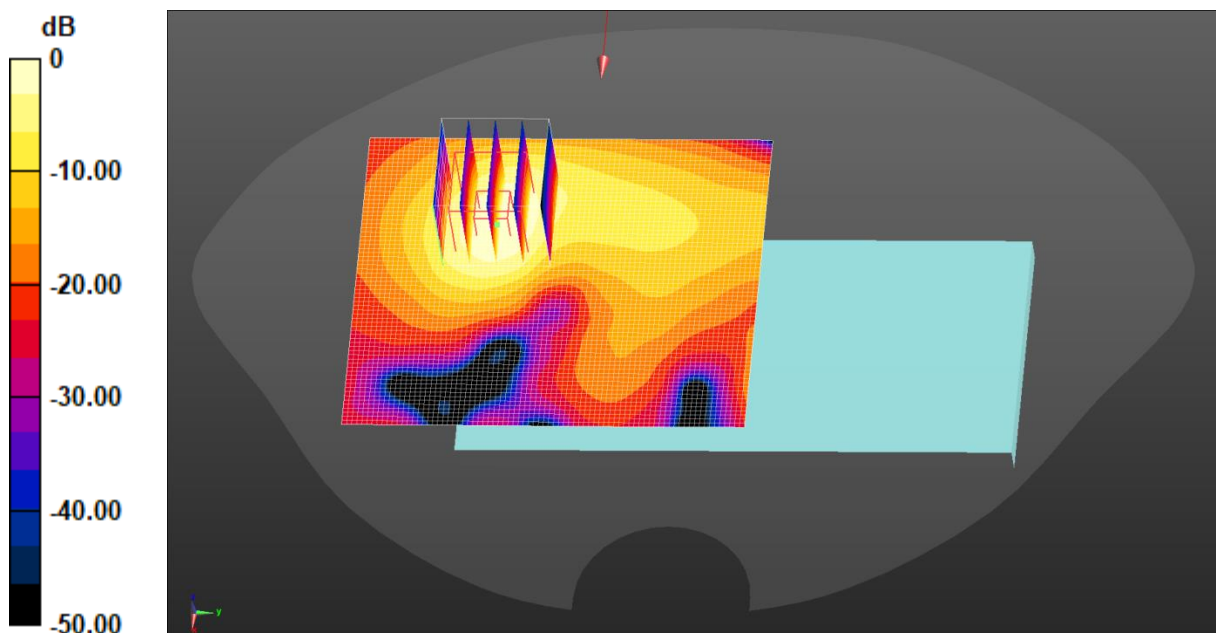
- Probe: EX3DV4 - SN7601; ConvF(7.89, 7.89, 7.89) @ 2510 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 7 1RB(20MHz) Body Back/Low Channel/Area Scan (71x81x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.693 W/kg

LTE Band 7 1RB(20MHz) Body Back/Low Channel/Zoom Scan (5x5x7)/Cube

0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.872 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.892 W/kg
SAR(1 g) = 0.419 W/kg; SAR(10 g) = 0.187 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 47.2%
Maximum value of SAR (measured) = 0.712 W/kg



0 dB = 0.693 W/kg = -1.60 dBW/kg

Test Laboratory: JYTSZ

Date: 08.14.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400081-3

Communication System: UID 0, LTE-TDD(USA) 20MHz 1RB QPSK (0); Frequency: 2645 MHz; Duty Cycle: 1:1.59956
 Medium parameters used (interpolated): $f = 2645$ MHz; $\sigma = 1.976$ S/m; $\epsilon_r = 40.244$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

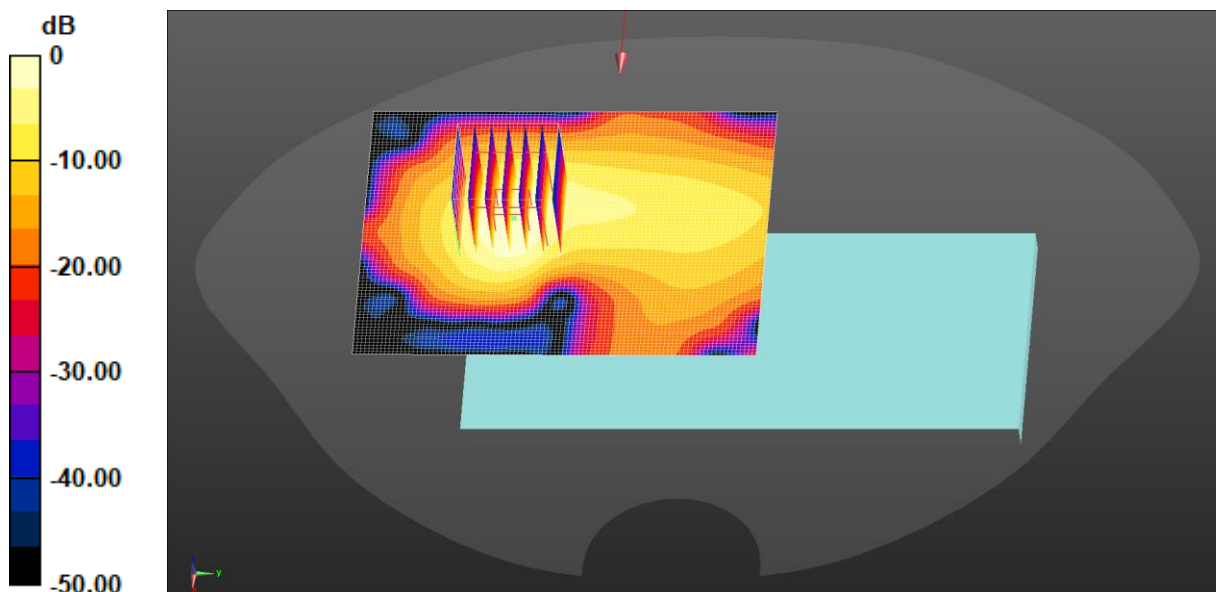
- Probe: EX3DV4 - SN7601; ConvF(7.6, 7.6, 7.6) @ 2645 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 41 1RB(20MHz) Body Back/High Channel/Area Scan (81x101x1):

Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 0.580 W/kg

LTE Band 41 1RB(20MHz) Body Back/High Channel/Zoom Scan

(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 3.056 V/m; Power Drift = 0.06 dB
 Peak SAR (extrapolated) = 0.711 W/kg
SAR(1 g) = 0.334 W/kg; SAR(10 g) = 0.149 W/kg
 Smallest distance from peaks to all points 3 dB below = 9.5 mm
 Ratio of SAR at M2 to SAR at M1 = 47.6%
 Maximum value of SAR (measured) = 0.569 W/kg



$0 \text{ dB} = 0.580 \text{ W/kg} = -2.37 \text{ dBW/kg}$

Test Laboratory: JYTSZ

Date: 08.14.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400081-2

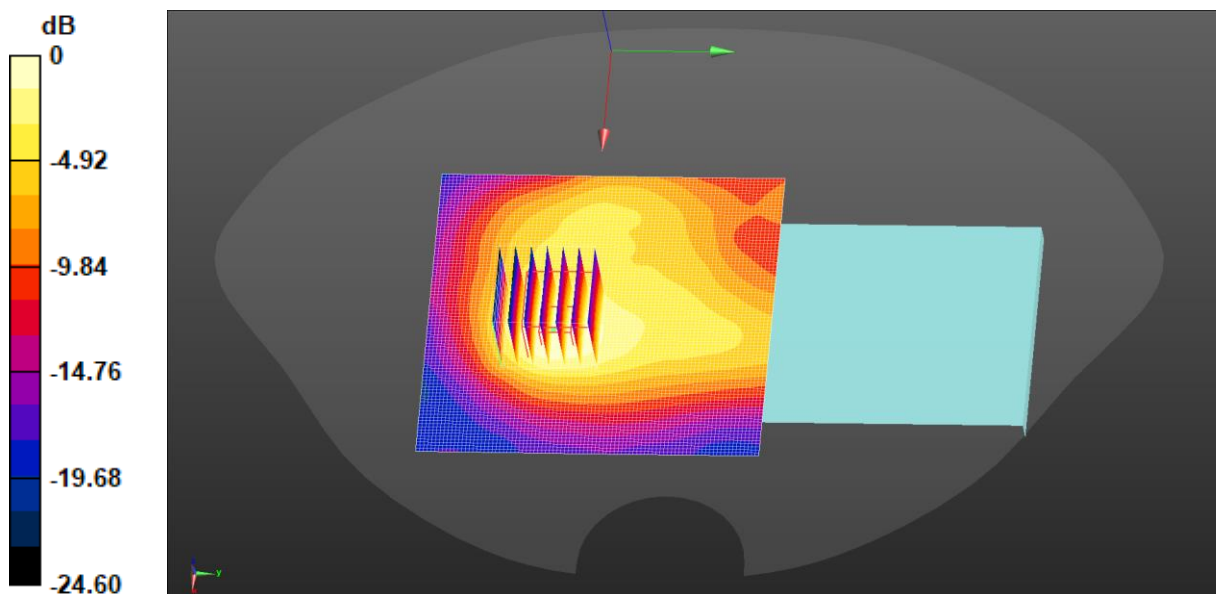
Communication System: UID 0, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) (0);
 Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.754$ S/m; $\epsilon_r = 40.515$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(7.89, 7.89, 7.89) @ 2437 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2.4G WiFi Body Back/Middle Channel/Area Scan (91x91x1): Interpolated grid:
 $dx=1.200$ mm, $dy=1.200$ mm
 Maximum value of SAR (interpolated) = 0.143 W/kg

2.4G WiFi Body Back/Middle Channel/Zoom Scan (7x7x7)/Cube 0:
 Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 5.319 V/m; Power Drift = -0.08 dB
 Peak SAR (extrapolated) = 0.171 W/kg
SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.043 W/kg
 Smallest distance from peaks to all points 3 dB below = 12.6 mm
 Ratio of SAR at M2 to SAR at M1 = 47.8%
 Maximum value of SAR (measured) = 0.135 W/kg



0 dB = 0.135 W/kg = -8.70 dBW/kg

Test Laboratory: JYTSZ

Date: 08.23.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400081-2

Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.562 \text{ S/m}$; $\epsilon_r = 37.301$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.51, 5.51, 5.51) @ 5180 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.2G WiFi Body Back/Middle Channel/Area Scan (101x101x1): Interpolated grid:

$dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.313 W/kg

5.2G WiFi Body Back/Middle Channel/Zoom Scan (7x7x12)/Cube 0:

Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 1.454 V/m; Power Drift = 0.01 dB

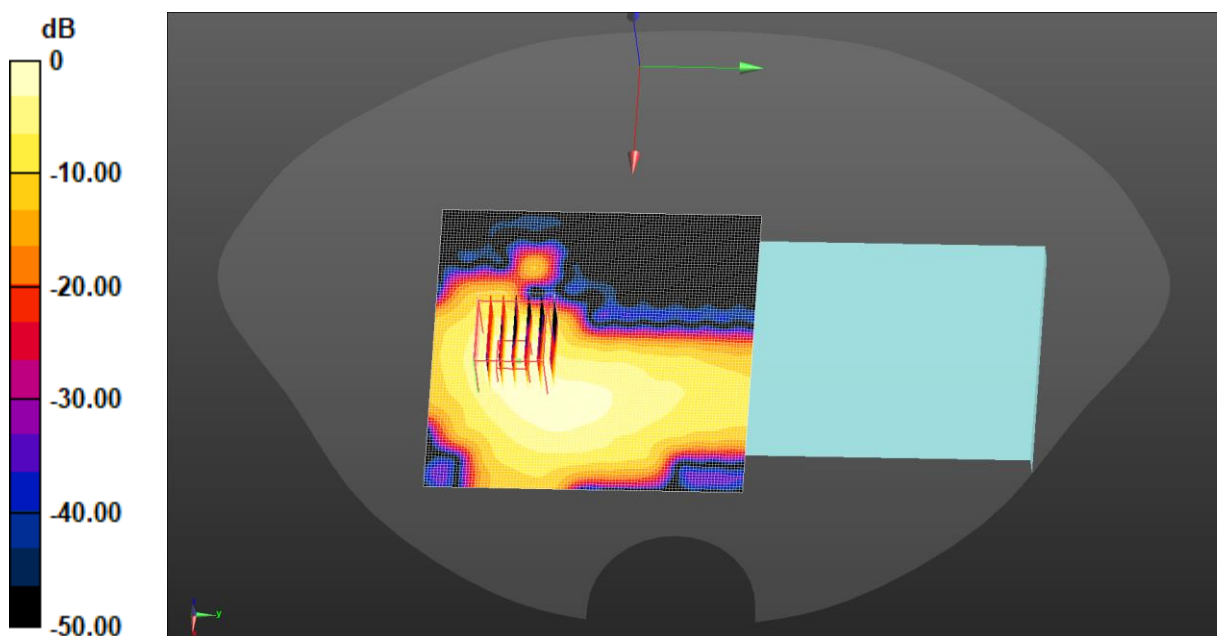
Peak SAR (extrapolated) = 0.519 W/kg

SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.048 W/kg

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 54.2%

Maximum value of SAR (measured) = 0.323 W/kg



0 dB = 0.323 W/kg = -4.91 dBW/kg

Test Laboratory: JYTSZ

Date: 08.05.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400081-2

Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5320 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5320$ MHz; $\sigma = 4.663$ S/m; $\epsilon_r = 37.186$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.51, 5.51, 5.51) @ 5320 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.3G WiFi Body Back/High Channel/Area Scan (81x81x1): Interpolated grid:

$dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.396 W/kg

5.3G WiFi Body Back/High Channel/Zoom Scan (7x7x12)/Cube 0: Measurement

grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 0.9280 V/m; Power Drift = -0.03 dB

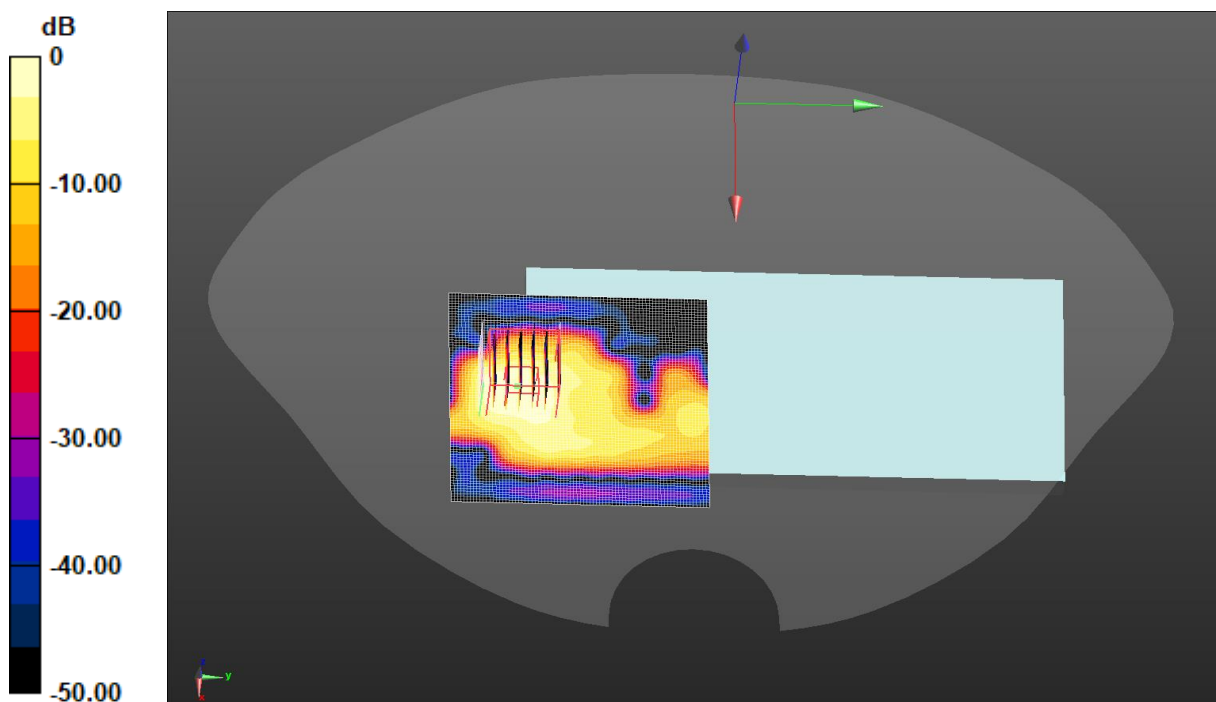
Peak SAR (extrapolated) = 0.574 W/kg

SAR(1 g) = 0.146 W/kg; SAR(10 g) = 0.042 W/kg

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 54.1

Maximum value of SAR (measured) = 0.353 W/kg



0 dB = 0.353 W/kg = -4.52 dBW/kg

Test Laboratory: JYTSZ

Date: 08.08.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400081-2

Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 4.987$ S/m; $\epsilon_r = 36.821$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3924; ConvF(4.78, 4.78, 4.78) @ 5600 MHz; Calibrated: 03.20.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.6G WiFi Body Back/Middle Channel/Area Scan (91x91x1): Interpolated grid:

$dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.306 W/kg

5.6G WiFi Body Back/Middle Channel/Zoom Scan (7x7x12)/Cube 0:

Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 0.7740 V/m; Power Drift = -0.02 dB

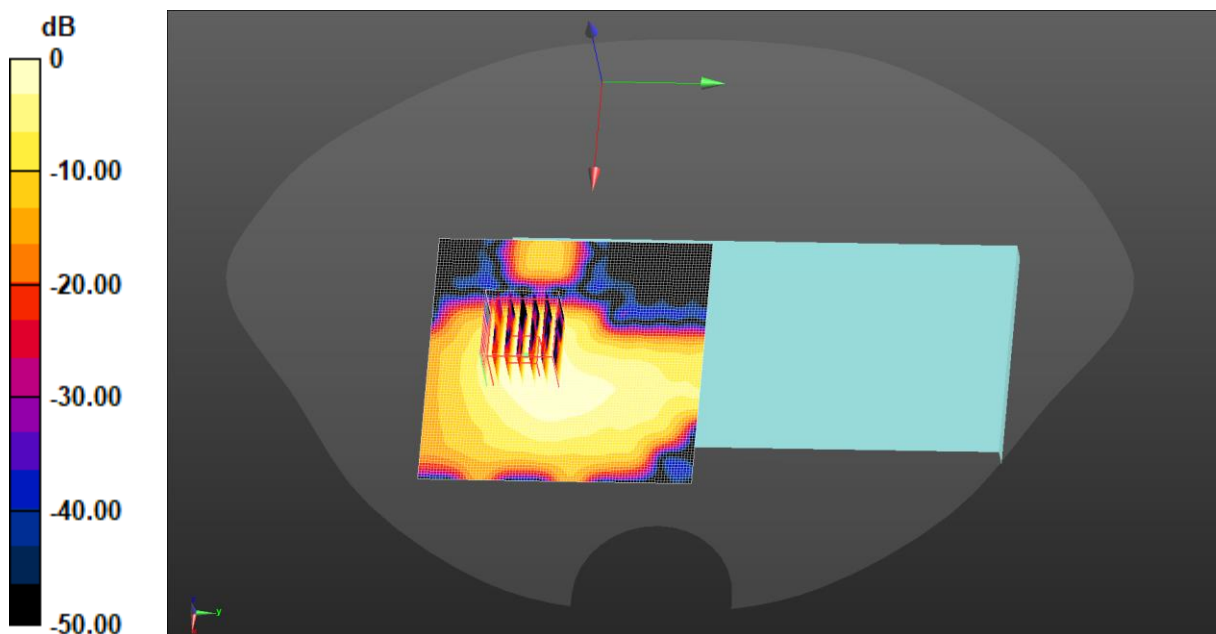
Peak SAR (extrapolated) = 0.558 W/kg

SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.039 W/kg

Smallest distance from peaks to all points 3 dB below = 9.7 mm

Ratio of SAR at M2 to SAR at M1 = 46.6%

Maximum value of SAR (measured) = 0.294 W/kg



0 dB = 0.294 W/kg = -5.32 dBW/kg

Test Laboratory: JYTSZ

Date: 08.11.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400081-2

Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5825$ MHz; $\sigma = 5.174$ S/m; $\epsilon_r = 36.609$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.01, 5.01, 5.01) @ 5825 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.8G WiFi Body Back/High Channel/Area Scan (81x81x1): Interpolated grid:

$dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.856 W/kg

5.8G WiFi Body Back/High Channel/Zoom Scan (7x7x12)/Cube 0: Measurement

grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

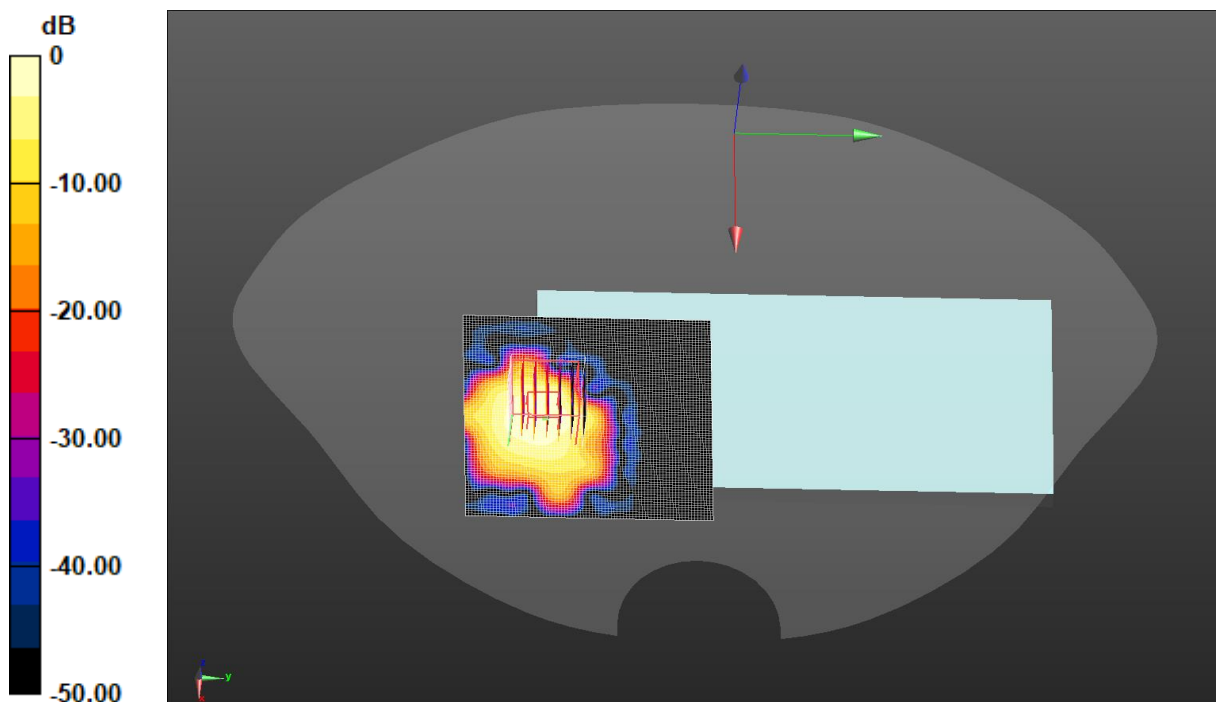
Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.284 W/kg; SAR(10 g) = 0.091 W/kg

Smallest distance from peaks to all points 3 dB below = 8.7 mm

Ratio of SAR at M2 to SAR at M1 = 51.7%

Maximum value of SAR (measured) = 0.696 W/kg



0 dB = 0.696 W/kg = -1.57 dBW/kg

Test Laboratory: JYTSZ

Date: 08.14.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400081-2

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.758$ S/m; $\epsilon_r = 40.508$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(7.89, 7.89, 7.89) @ 2441 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Bluetooth Body Back/Middle Channel/Area Scan (91x91x1): Interpolated grid:

$dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.0199 W/kg

Bluetooth Body Back/Middle Channel/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0.4840 V/m; Power Drift = 0.08 dB

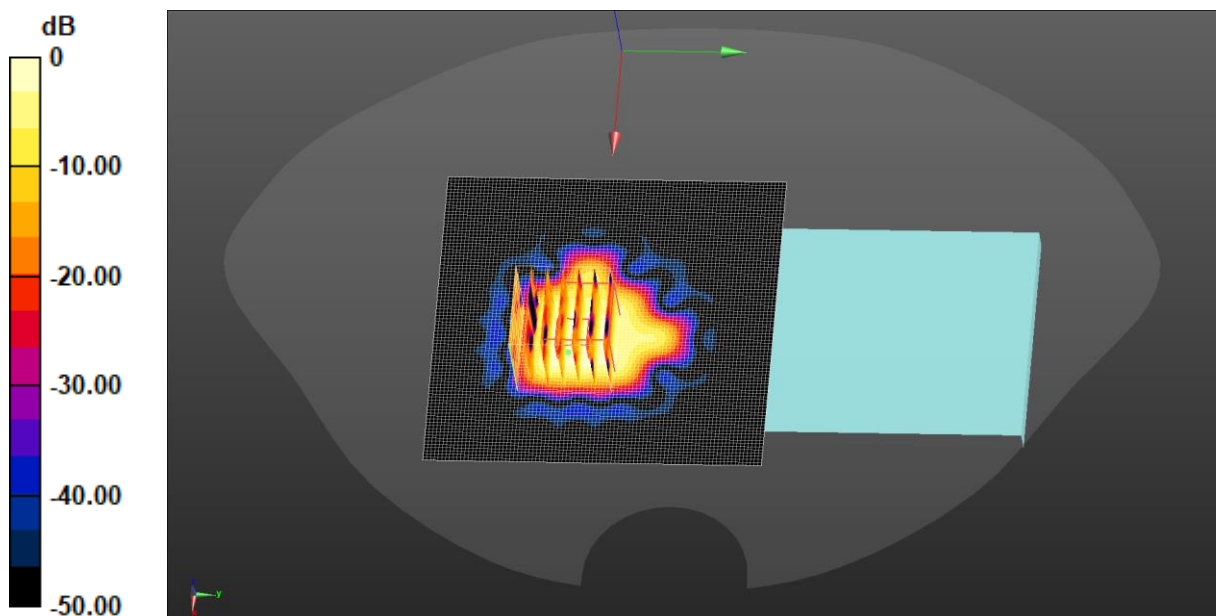
Peak SAR (extrapolated) = 0.0270 W/kg

SAR(1 g) = 0.00837 W/kg; SAR(10 g) = 0.00331 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 15 mm)

Ratio of SAR at M2 to SAR at M1 = 33.7%

Maximum value of SAR (measured) = 0.0149 W/kg



$$0 \text{ dB} = 0.0199 \text{ W/kg} = -17.01 \text{ dBW/kg}$$

Test Laboratory: JYTSZ

Date: 08.23.2024

DUT: Mobile Phone; Type: X6531B; Serial: SZR142400081-2

Communication System: UID 0, IEEE 802.11a WiFi 5GHz (0); Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.562 \text{ S/m}$; $\epsilon_r = 37.301$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7601; ConvF(5.51, 5.51, 5.51) @ 5180 MHz; Calibrated: 01.29.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1373; Calibrated: 11.27.2023
- Phantom: SAM-Twin; Type: QD 000 P40 CD; Serial: 1885
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5.2G WiFi Body Right/Low Channel/Area Scan (111x111x1): Interpolated grid:

$dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.407 W/kg

5.2G WiFi Body Right/Low Channel/Zoom Scan (7x7x12)/Cube 0: Measurement

grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 7.691 V/m; Power Drift = 0.03 dB

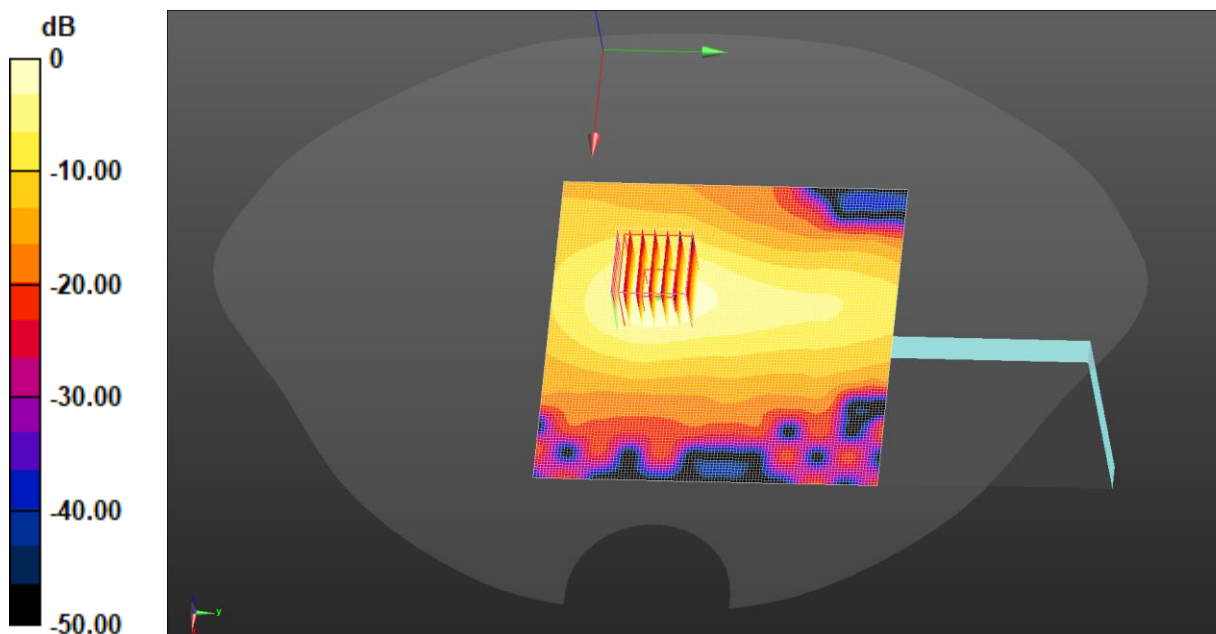
Peak SAR (extrapolated) = 0.634 W/kg

SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.072 W/kg

Smallest distance from peaks to all points 3 dB below = 10.4 mm

Ratio of SAR at M2 to SAR at M1 = 58%

Maximum value of SAR (measured) = 0.427 W/kg



0 dB = 0.427 W/kg = -3.70 dBW/kg

-----End of Report-----