Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/27

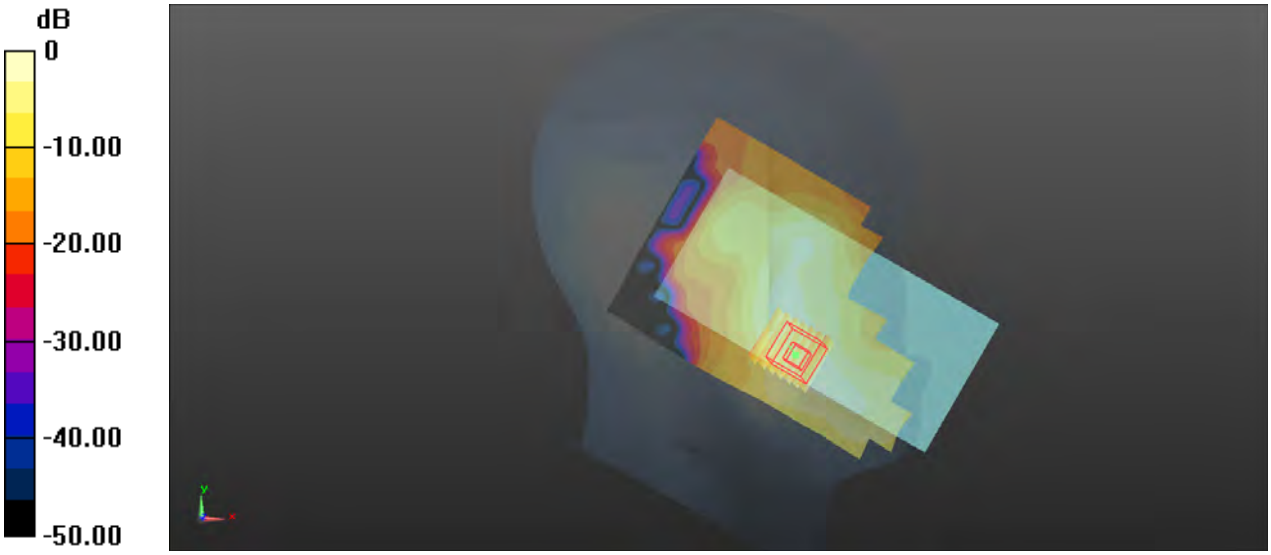
P07 LTE 7_QPSK20M_Left Cheek_Ch21100_1RB_OS0

Communication System: LTE; Frequency: 2535 MHz;Duty Cycle: 1:1
Medium: HSL2600_1027 Medium parameters used: f = 2535 MHz; σ = 1.847 S/m; ε_r = 39.288; ρ = 1000 kg/m^3
Ambient Temperature：23.8℃； Liquid Temperature：22.6℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(4.42, 4.42, 4.42); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (101x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.221 W/kg

- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.973 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.363 W/kg
SAR(1 g) = 0.200 W/kg; SAR(10 g) = 0.109 W/kg
Maximum value of SAR (measured) = 0.223 W/kg



0 dB = 0.221 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/22

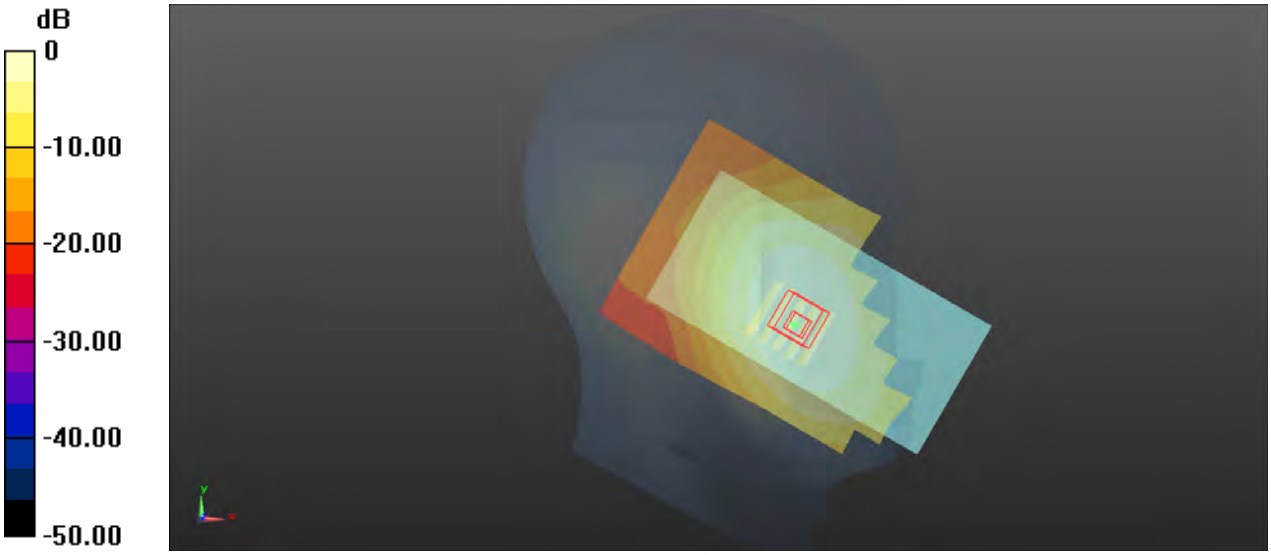
P08 LTE 12_QPSK10M_Left Cheek_Ch23060_1RB_OS0

Communication System: LTE; Frequency: 704 MHz;Duty Cycle: 1:1
Medium: HSL750_1022 Medium parameters used: f = 704 MHz; σ = 0.869 S/m; ε_r = 42.981; ρ = 1000 kg/m^3
Ambient Temperature：23.4℃； Liquid Temperature：22.7℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(6.6, 6.6, 6.6); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.265 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.496 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.324 W/kg
SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.197 W/kg
Maximum value of SAR (measured) = 0.270 W/kg



0 dB = 0.265 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/22

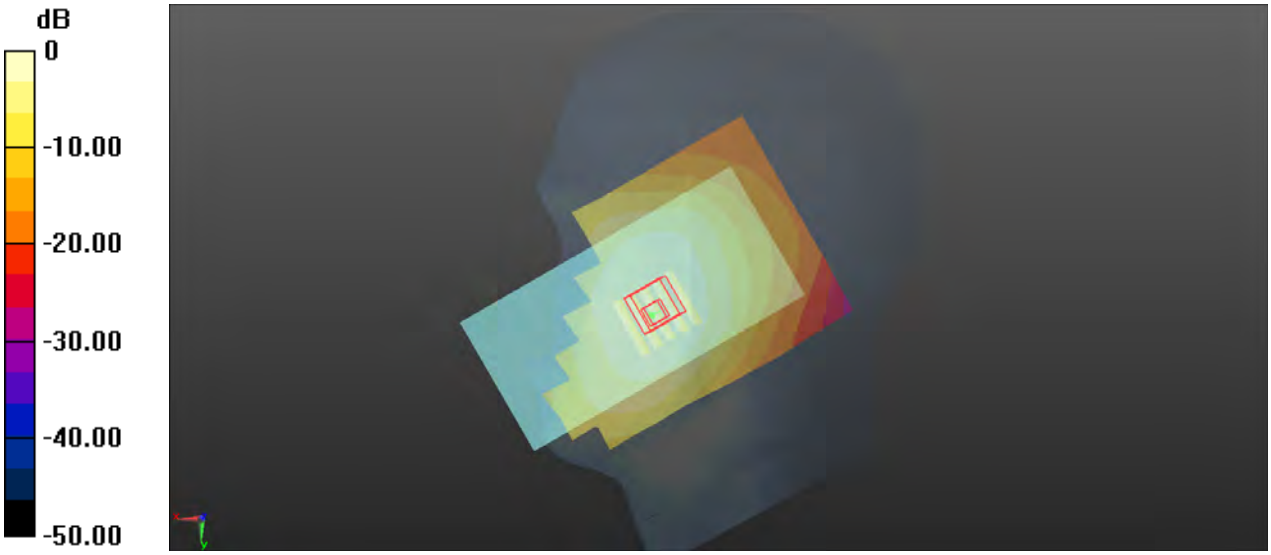
P09 LTE 13_QPSK10M_Right Cheek_Ch23230_1RB_OS0

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL750_1022 Medium parameters used: f = 782 MHz; σ = 0.896 S/m; ε_r = 42.786; ρ = 1000 kg/m^3
Ambient Temperature：23.4℃； Liquid Temperature：22.7℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(6.6, 6.6, 6.6); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.312 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.806 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.370 W/kg
SAR(1 g) = 0.302 W/kg; SAR(10 g) = 0.235 W/kg
Maximum value of SAR (measured) = 0.315 W/kg



0 dB = 0.312 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/22

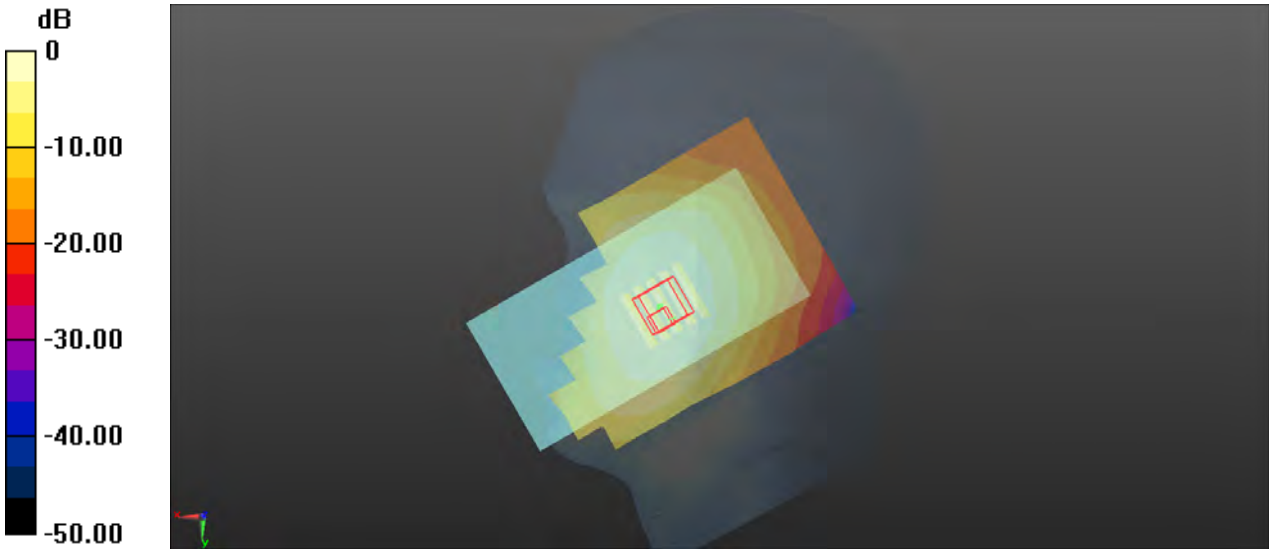
P10 LTE 14_QPSK10M_Right Cheek_Ch23330_1RB_OS0

Communication System: LTE; Frequency: 793 MHz;Duty Cycle: 1:1
Medium: HSL750_1022 Medium parameters used: f = 793 MHz; σ = 0.901 S/m; ε_r = 42.75; ρ = 1000 kg/m^3
Ambient Temperature：23.4℃； Liquid Temperature：22.7℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(6.6, 6.6, 6.6); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.283 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.261 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.334 W/kg
SAR(1 g) = 0.264 W/kg; SAR(10 g) = 0.206 W/kg
Maximum value of SAR (measured) = 0.275 W/kg



0 dB = 0.283 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/25

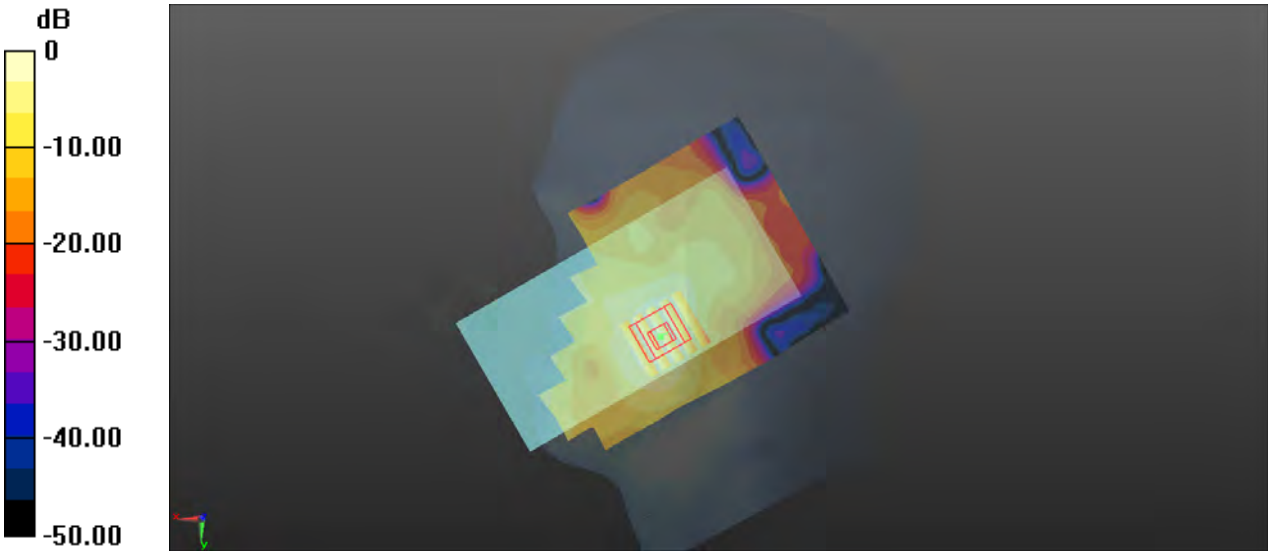
P11 LTE 25_QPSK20M_Right Cheek_Ch26590_1RB_OS0

Communication System: LTE; Frequency: 1905 MHz;Duty Cycle: 1:1
Medium: HSL1900_1025 Medium parameters used: f = 1905 MHz; σ = 1.426 S/m; ε_r = 39.977; ρ = 1000 kg/m^3
Ambient Temperature：23.4℃； Liquid Temperature：22.8℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(5.19, 5.19, 5.19); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.137 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.322 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.174 W/kg
SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.069 W/kg
Maximum value of SAR (measured) = 0.128 W/kg



0 dB = 0.137 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/22

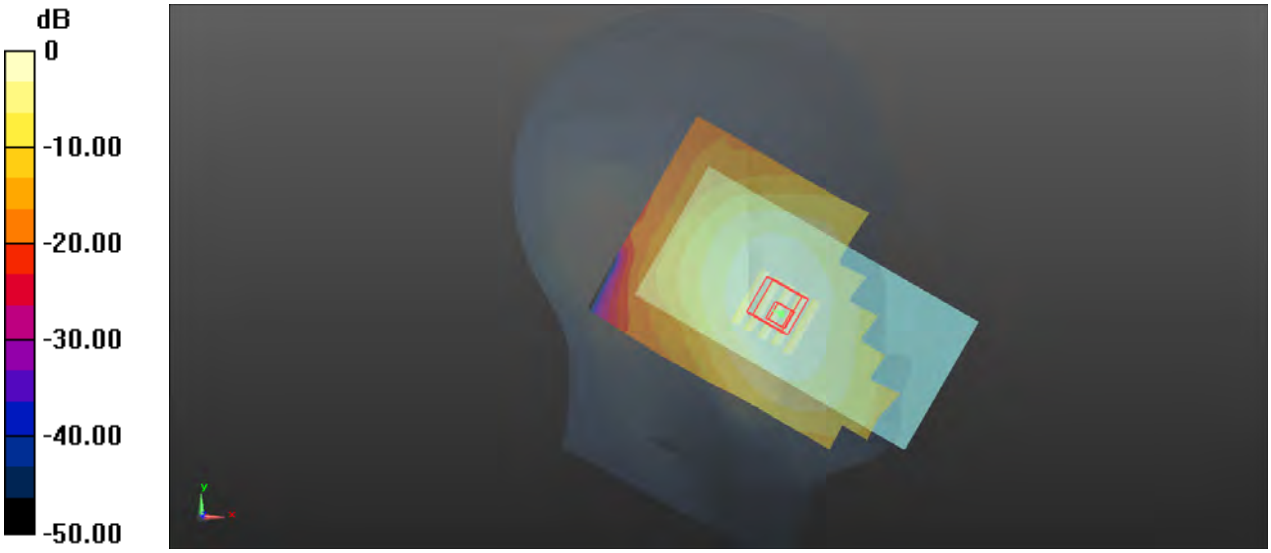
P12 LTE 26_QPSK15M_Left Cheek_Ch26965_1RB_OS74

Communication System: LTE; Frequency: 841.5 MHz;Duty Cycle: 1:1
Medium: HSL835_1022 Medium parameters used: f = 841.5 MHz; σ = 0.92 S/m; ε_r = 42.592; ρ = 1000 kg/m^3
Ambient Temperature：23.5℃； Liquid Temperature：22.6℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(6.04, 6.04, 6.04); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.213 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.407 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.252 W/kg
SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.153 W/kg
Maximum value of SAR (measured) = 0.212 W/kg



0 dB = 0.213 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/26

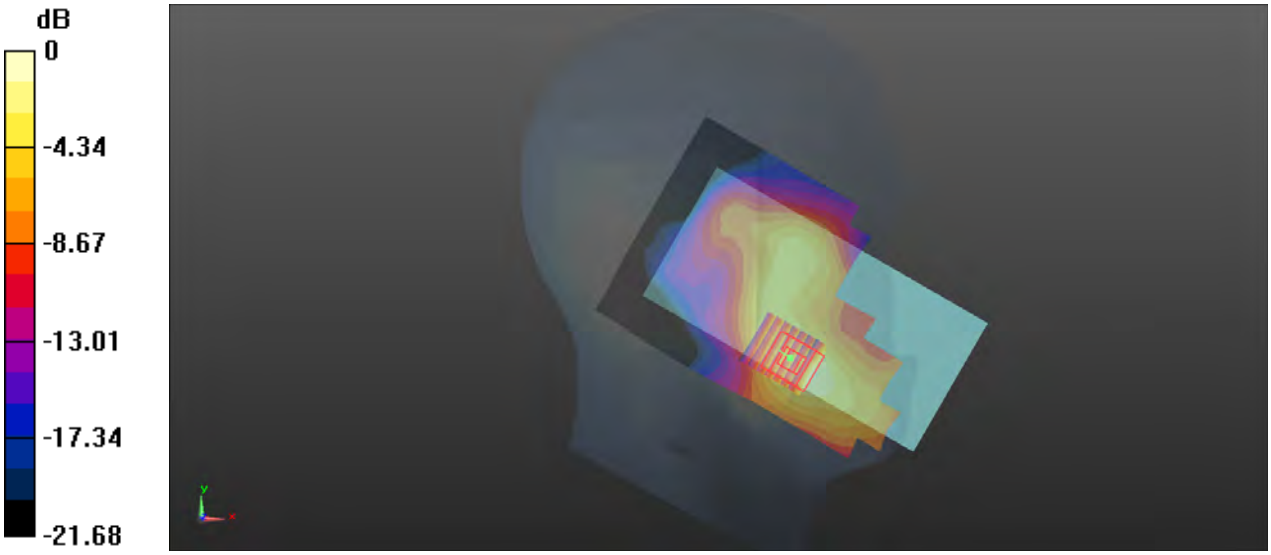
P13 LTE 30_QPSK10M_Left Cheek_Ch27710_1RB_OS0

Communication System: LTE; Frequency: 2310 MHz;Duty Cycle: 1:1
Medium: HSL2300_1026 Medium parameters used: f = 2310 MHz; σ = 1.686 S/m; ε_r = 39.695; ρ = 1000 kg/m^3
Ambient Temperature：23.7℃； Liquid Temperature：22.2℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(4.86, 4.86, 4.86); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (101x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.206 W/kg

- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.622 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.337 W/kg
SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.103 W/kg
Maximum value of SAR (measured) = 0.210 W/kg



0 dB = 0.210 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/27

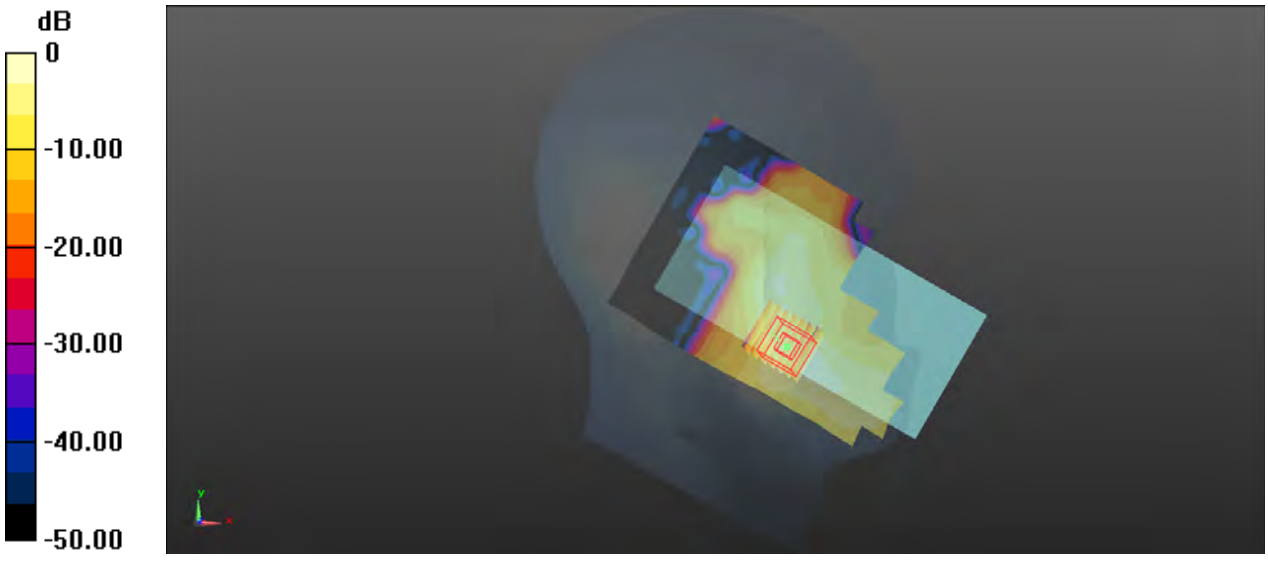
P14 LTE 41_QPSK20M_Left Cheek_Ch41055_1RB_OS0

Communication System: LTE TDD; Frequency: 2636.5 MHz;Duty Cycle: 1:1.59
Medium: HSL2600_1027 Medium parameters used: f = 2636.5 MHz; σ = 1.927 S/m; ε_r = 39.125; ρ = 1000 kg/m^3
Ambient Temperature：23.8℃； Liquid Temperature：22.6℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(4.42, 4.42, 4.42); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.104 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.295 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.174 W/kg
SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.046 W/kg
Maximum value of SAR (measured) = 0.104 W/kg



0 dB = 0.104 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/23

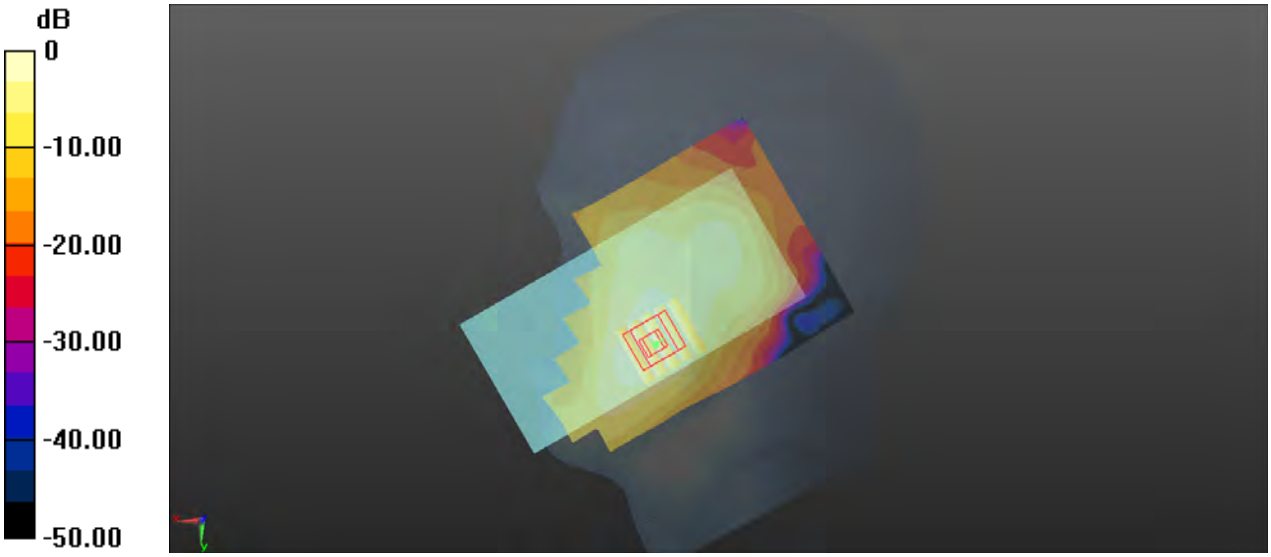
P15 LTE 66_QPSK20M_Right Cheek_Ch132072_1RB_OS50

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: HSL1750_1023 Medium parameters used: f = 1720 MHz; σ = 1.325 S/m; ε_r = 40.21; ρ = 1000 kg/m^3
Ambient Temperature：23.1℃； Liquid Temperature：22.4℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(5.43, 5.43, 5.43); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.169 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.990 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.234 W/kg
SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.097 W/kg
Maximum value of SAR (measured) = 0.169 W/kg



0 dB = 0.169 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/22

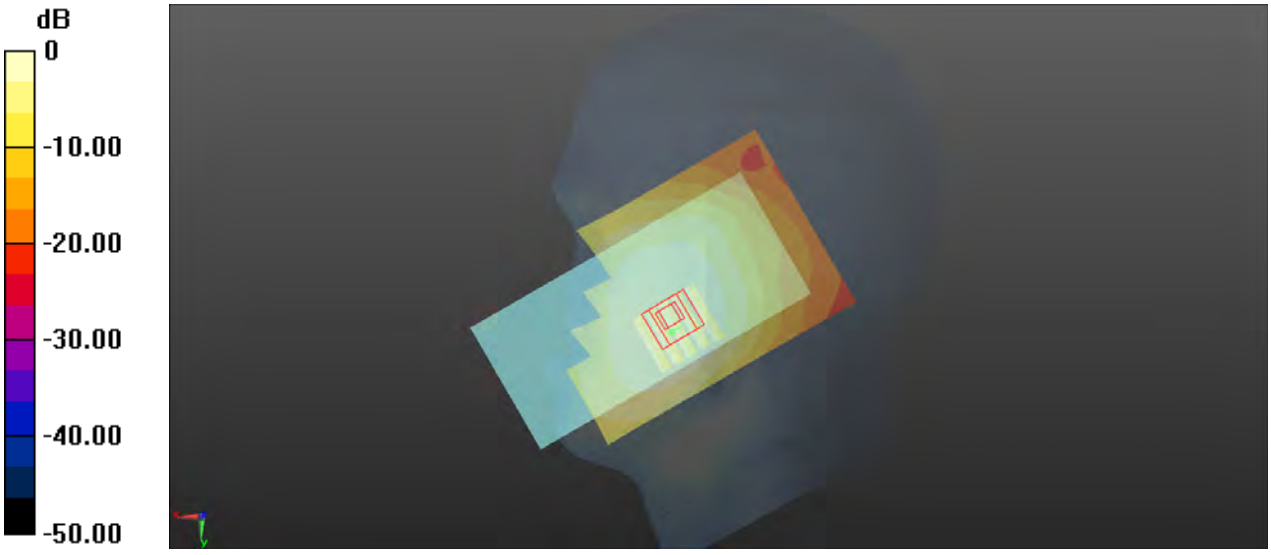
P16 LTE 71_QPSK20M_Right Cheek_Ch133222_1RB_OS0

Communication System: LTE; Frequency: 673 MHz;Duty Cycle: 1:1
Medium: HSL750_1022 Medium parameters used: f = 673 MHz; σ = 0.859 S/m; ε_r = 43.042; ρ = 1000 kg/m^3
Ambient Temperature：23.4℃； Liquid Temperature：22.7℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(6.6, 6.6, 6.6); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.285 W/kg

- **Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.216 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.299 W/kg
SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.189 W/kg
Maximum value of SAR (measured) = 0.280 W/kg



0 dB = 0.283 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/26

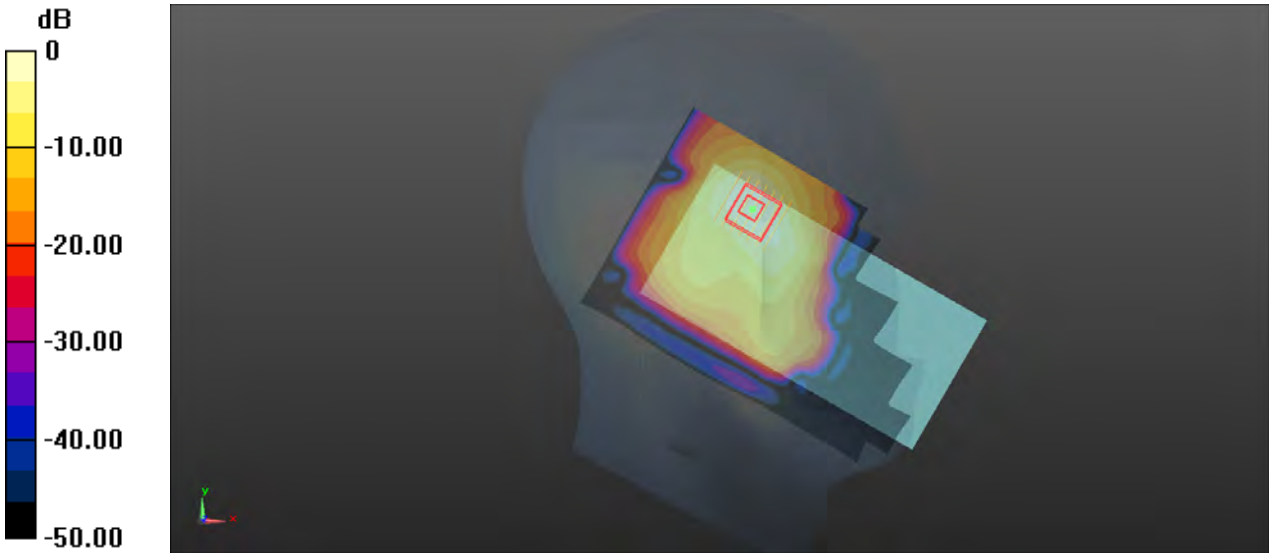
P17 WLAN2.4G_802.11b_Left Cheek_Ch11

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL2450_1026 Medium parameters used: f = 2462 MHz; σ = 1.789 S/m; ε_r = 39.328; ρ = 1000 kg/m^3
Ambient Temperature：23.2℃； Liquid Temperature：22.1℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(4.56, 4.56, 4.56); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (101x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.276 W/kg

- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.057 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.519 W/kg
SAR(1 g) = 0.252 W/kg; SAR(10 g) = 0.116 W/kg
Maximum value of SAR (measured) = 0.292 W/kg



0 dB = 0.276 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/28

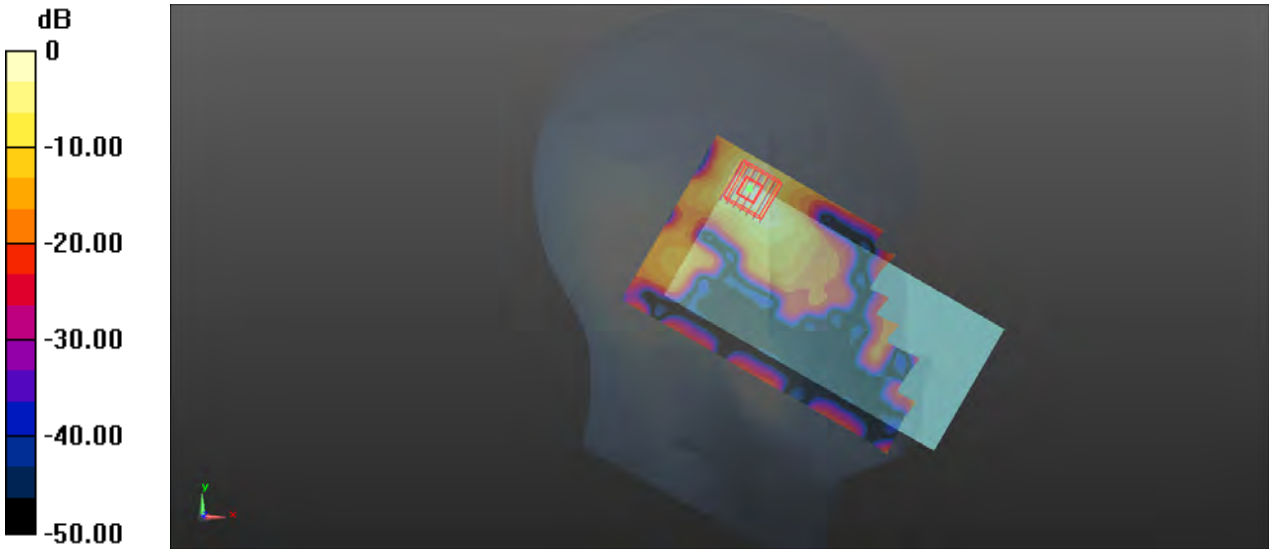
P18 WLAN5G_802.11a_Left Cheek_Ch60

Communication System: 802.11a; Frequency: 5300 MHz;Duty Cycle: 1:1.03
Medium: HSL5G_1028 Medium parameters used: f = 5300 MHz; σ = 4.795 S/m; ε_r = 36.17; ρ = 1000 kg/m^3
Ambient Temperature：23.6℃； Liquid Temperature：22.3℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3873; ConvF(4.8, 4.8, 4.8); Calibrated: 2021/8/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2021/6/22
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1610
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7164)

- Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.12 W/kg

- Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.146 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.93 W/kg
SAR(1 g) = 0.499 W/kg; SAR(10 g) = 0.154 W/kg
Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.12 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/29

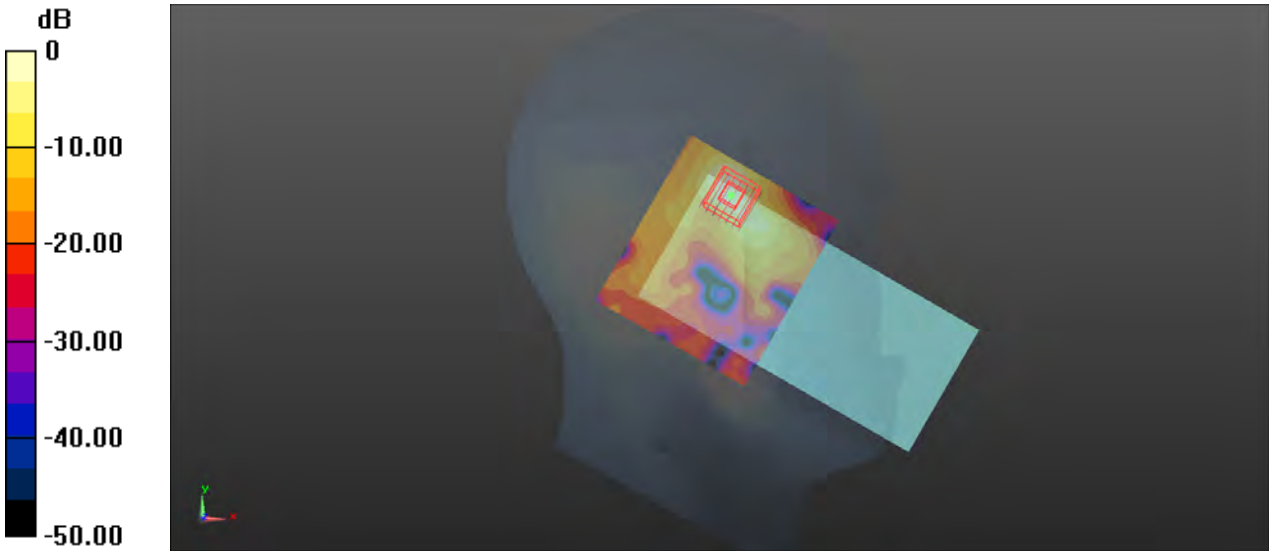
P19 WLAN5G_802.11a_Left Cheek_Ch144

Communication System: 802.11a; Frequency: 5720 MHz;Duty Cycle: 1:1.03
Medium: HSL5G_1029 Medium parameters used: f = 5720 MHz; σ = 5.229 S/m; ε_r = 35.566; ρ = 1000 kg/m^3
Ambient Temperature：23.4℃； Liquid Temperature：22.4℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3873; ConvF(4.49, 4.49, 4.49); Calibrated: 2021/8/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2021/6/22
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1610
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (101x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.32 W/kg

- **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.652 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.45 W/kg
SAR(1 g) = 0.552 W/kg; SAR(10 g) = 0.161 W/kg
Maximum value of SAR (measured) = 1.42 W/kg



0 dB = 1.42 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/29

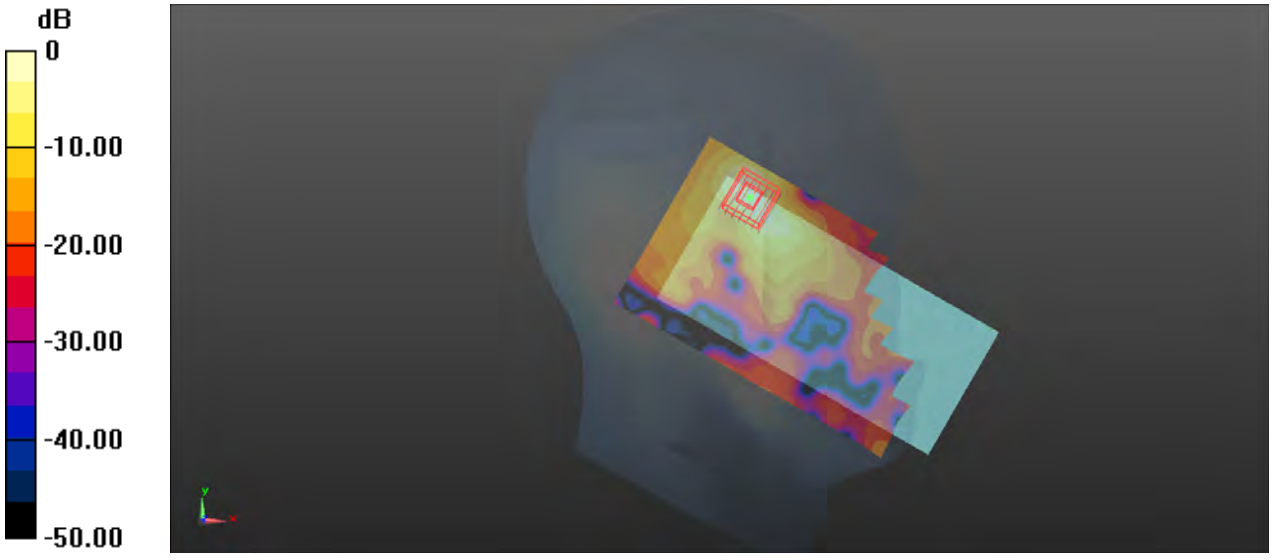
P20 WLAN5G_802.11a_Left Cheek_Ch157

Communication System: 802.11a; Frequency: 5785 MHz;Duty Cycle: 1:1.02
Medium: HSL5G_1029 Medium parameters used: f = 5785 MHz; σ = 5.295 S/m; ε_r = 35.473; ρ = 1000 kg/m^3
Ambient Temperature：23.4℃； Liquid Temperature：22.4℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3873; ConvF(4.49, 4.49, 4.49); Calibrated: 2021/8/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2021/6/22
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1610
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7164)

- Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.08 W/kg

- Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.806 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 3.90 W/kg
SAR(1 g) = 0.872 W/kg; SAR(10 g) = 0.257 W/kg
Maximum value of SAR (measured) = 2.23 W/kg



0 dB = 2.08 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/26

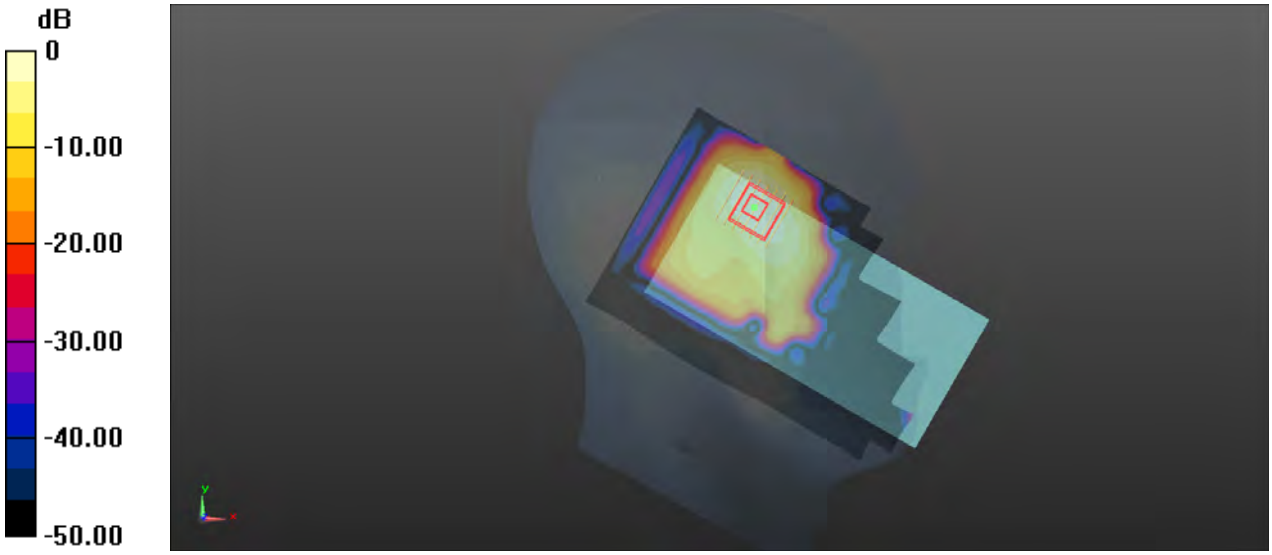
P21 BT_GFSK_Left Cheek_Ch78

Communication System: BT; Frequency: 2480 MHz;Duty Cycle: 1:1.3
Medium: HSL2450_1026 Medium parameters used: f = 2480 MHz; σ = 1.801 S/m; ε_r = 39.302; ρ = 1000 kg/m^3
Ambient Temperature：23.2℃； Liquid Temperature：22.1℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(4.56, 4.56, 4.56); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (101x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0718 W/kg

- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.398 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.138 W/kg
SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.030 W/kg
Maximum value of SAR (measured) = 0.0765 W/kg



0 dB = 0.0718 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/22

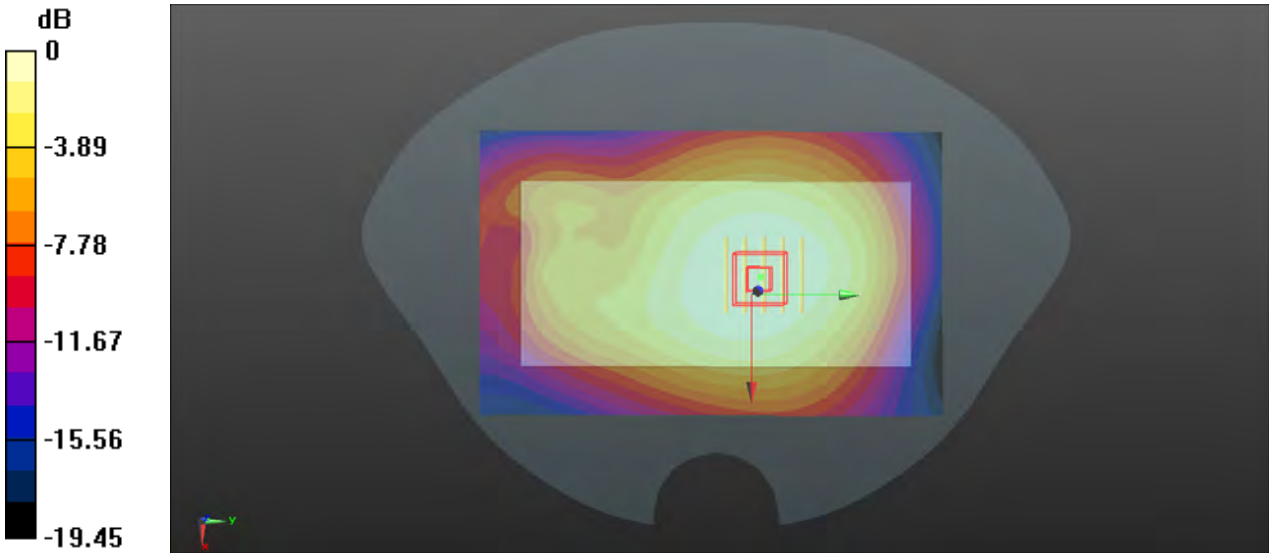
P22 GSM850_GPRS10_Rear Face_1cm_Ch128

Communication System: GPRS10; Frequency: 824.2 MHz;Duty Cycle: 1:4.15
Medium: HSL835_1022 Medium parameters used: f = 824.2 MHz; σ = 0.913 S/m; ε_r = 42.644; ρ = 1000 kg/m^3
Ambient Temperature：23.5℃； Liquid Temperature：22.6℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(6.04, 6.04, 6.04); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.545 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.915 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.646 W/kg
SAR(1 g) = 0.515 W/kg; SAR(10 g) = 0.388 W/kg
Maximum value of SAR (measured) = 0.540 W/kg



0 dB = 0.545 W/kg

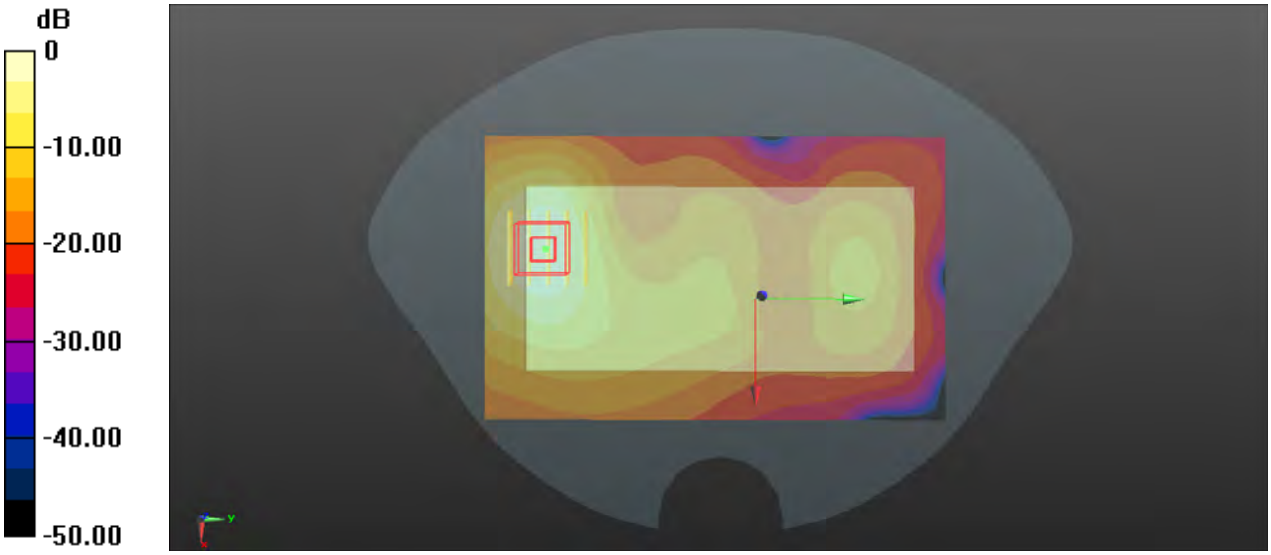
P23 GSM1900_GPRS11_Rear Face_1cm_Ch512

Communication System: GPRS11; Frequency: 1850.2 MHz;Duty Cycle: 1:2.77
Medium: HSL1900_1025 Medium parameters used: f = 1850.2 MHz; σ = 1.387 S/m; ε_r = 40.024; ρ = 1000 kg/m^3
Ambient Temperature：23.4℃； Liquid Temperature：22.8℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(5.19, 5.19, 5.19); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.724 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.185 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.647 W/kg; SAR(10 g) = 0.356 W/kg
Maximum value of SAR (measured) = 0.714 W/kg



0 dB = 0.724 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/25

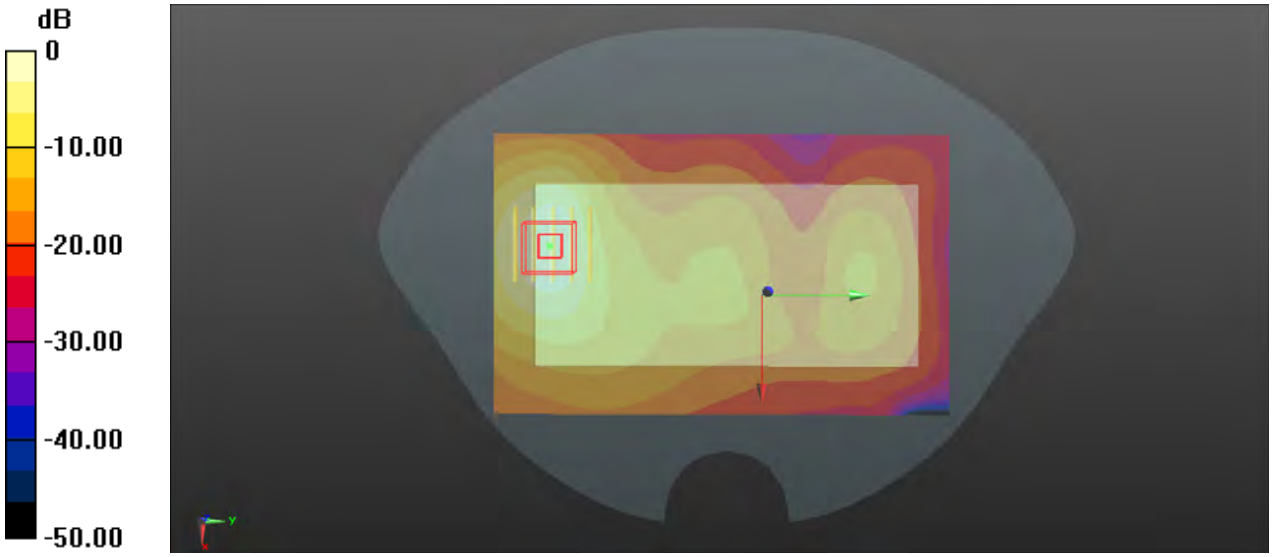
P24 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9400

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL1900_1025 Medium parameters used: f = 1880 MHz; σ = 1.404 S/m; ε_r = 39.967; ρ = 1000 kg/m^3
Ambient Temperature：23.4℃； Liquid Temperature：22.8℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(5.19, 5.19, 5.19); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.07 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.691 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 0.923 W/kg; SAR(10 g) = 0.503 W/kg
Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.07 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/23

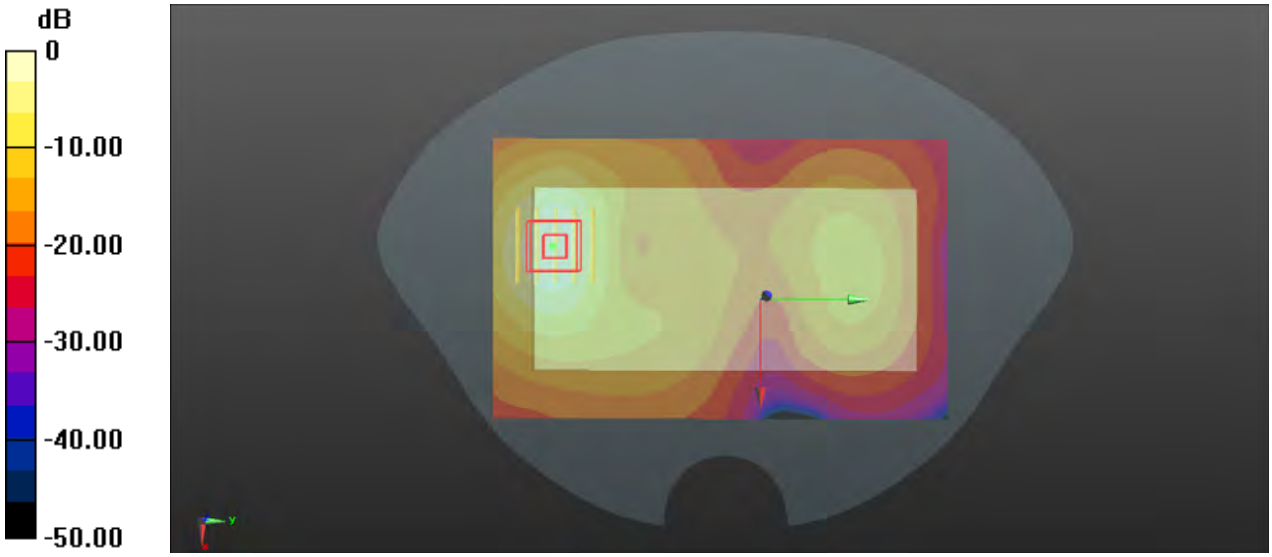
P25 WCDMA IV_RMC12.2K_Rear Face_1cm_Ch1312

Communication System: WCDMA; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium: HSL1750_1023 Medium parameters used: f = 1712.4 MHz; σ = 1.324 S/m; ε_r = 40.223; ρ = 1000 kg/m^3
Ambient Temperature：23.1℃； Liquid Temperature：22.4℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(5.43, 5.43, 5.43); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.25 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.874 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.83 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.594 W/kg
Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.25 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/22

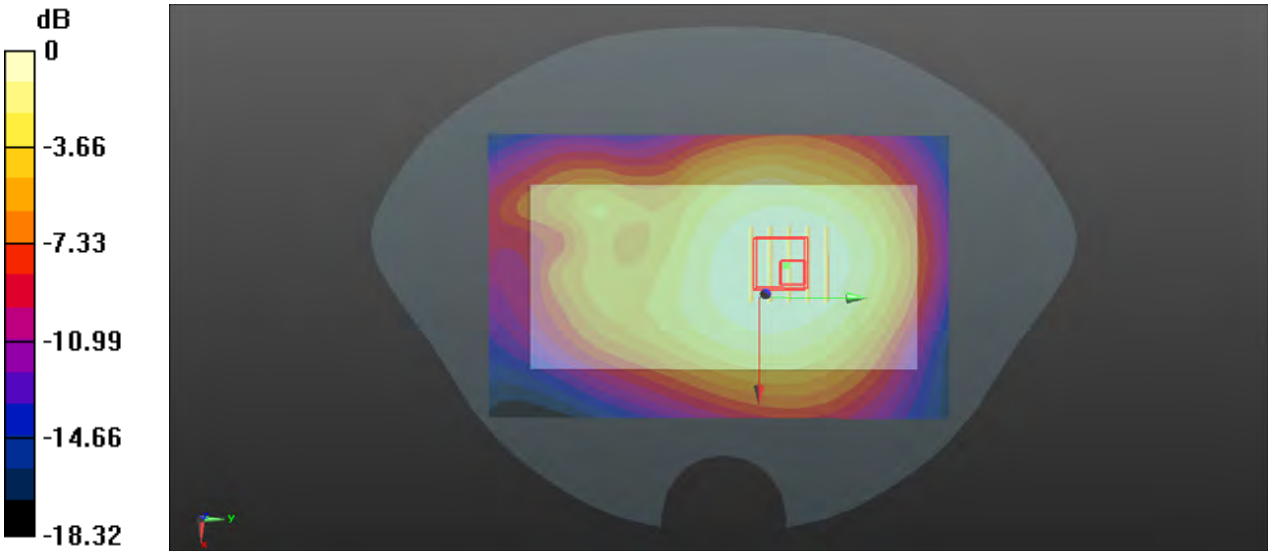
P26 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4132

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: HSL835_1022 Medium parameters used: f = 826.4 MHz; σ = 0.914 S/m; ε_r = 42.636; ρ = 1000 kg/m^3
Ambient Temperature：23.5℃； Liquid Temperature：22.6℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(6.04, 6.04, 6.04); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.396 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.490 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.556 W/kg
SAR(1 g) = 0.436 W/kg; SAR(10 g) = 0.319 W/kg
Maximum value of SAR (measured) = 0.454 W/kg



0 dB = 0.396 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/22

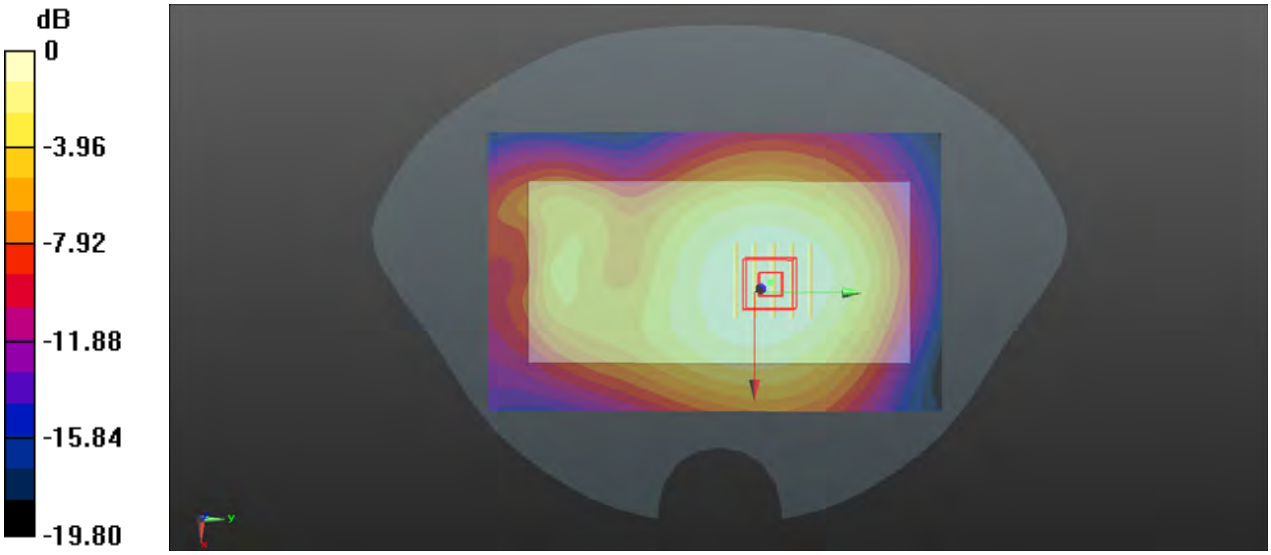
P27 LTE 5_QPSK10M_Rear Face_1cm_Ch20525_1RB_OS49

Communication System: LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL835_1022 Medium parameters used: f = 836.5 MHz; σ = 0.918 S/m; ε_r = 42.606; ρ = 1000 kg/m^3
Ambient Temperature：23.5℃； Liquid Temperature：22.6℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(6.04, 6.04, 6.04); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.392 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.238 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.463 W/kg
SAR(1 g) = 0.371 W/kg; SAR(10 g) = 0.279 W/kg
Maximum value of SAR (measured) = 0.390 W/kg



0 dB = 0.392 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/27

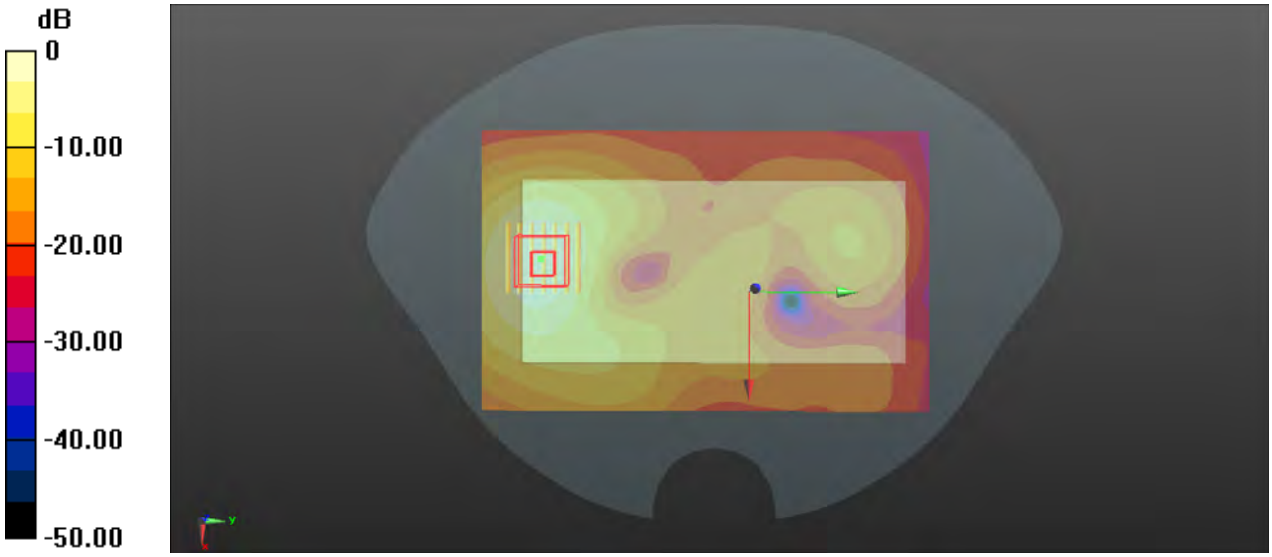
P28 LTE 7_QPSK20M_Rear Face_1cm_Ch21350_1RB_OS0

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL2600_1027 Medium parameters used: f = 2560 MHz; σ = 1.868 S/m; ε_r = 39.243; ρ = 1000 kg/m^3
Ambient Temperature：23.8℃； Liquid Temperature：22.6℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(4.42, 4.42, 4.42); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (101x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.982 W/kg

- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.190 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.877 W/kg; SAR(10 g) = 0.448 W/kg
Maximum value of SAR (measured) = 0.970 W/kg



0 dB = 0.982 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/22

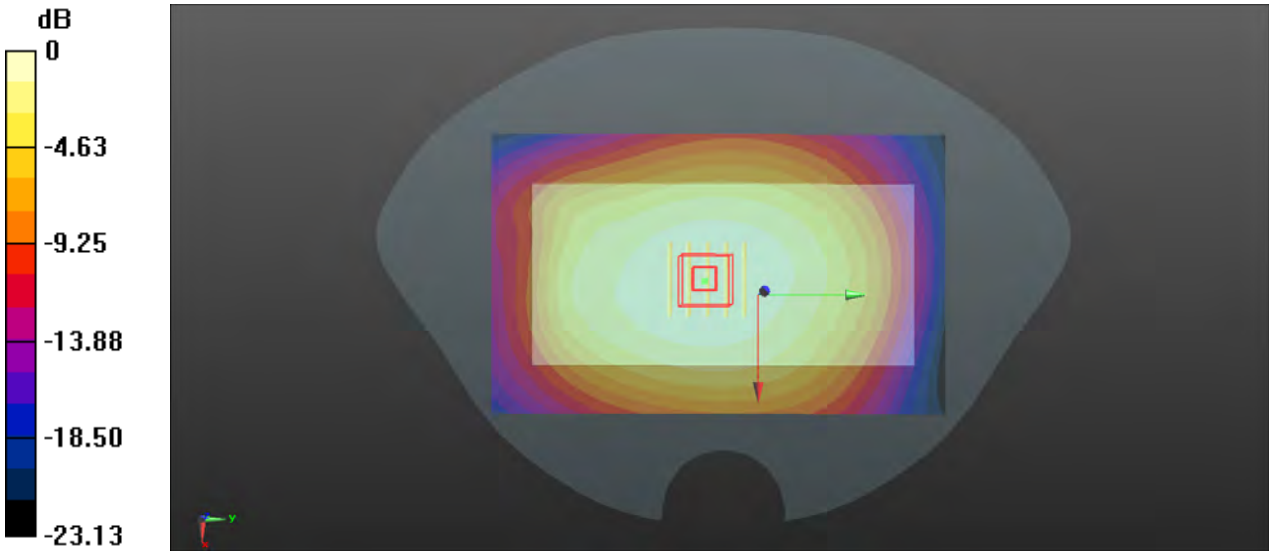
P29 LTE 12_QPSK10M_Rear Face_1cm_Ch23060_1RB_OS0

Communication System: LTE; Frequency: 704 MHz;Duty Cycle: 1:1
Medium: HSL750_1022 Medium parameters used: f = 704 MHz; σ = 0.869 S/m; ε_r = 42.981; ρ = 1000 kg/m^3
Ambient Temperature：23.4℃； Liquid Temperature：22.7℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(6.6, 6.6, 6.6); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.336 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.707 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.402 W/kg
SAR(1 g) = 0.324 W/kg; SAR(10 g) = 0.247 W/kg
Maximum value of SAR (measured) = 0.340 W/kg



0 dB = 0.336 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/22

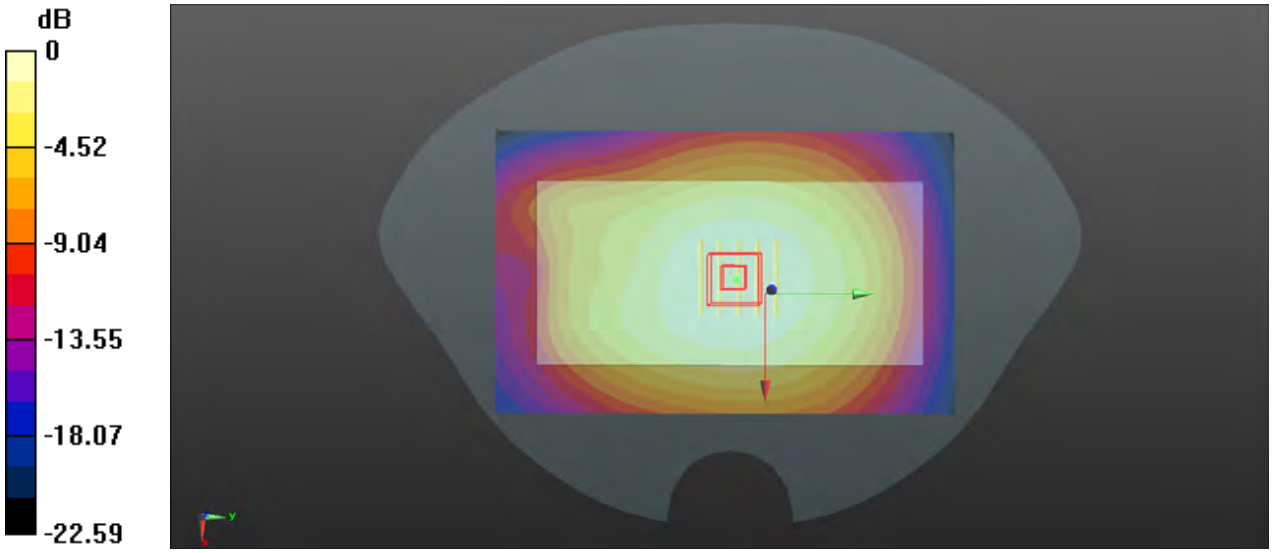
P30 LTE 13_QPSK10M_Rear Face_1cm_Ch23230_1RB_OS0

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL750_1022 Medium parameters used: f = 782 MHz; σ = 0.896 S/m; ε_r = 42.786; ρ = 1000 kg/m^3
Ambient Temperature：23.4℃； Liquid Temperature：22.7℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(6.6, 6.6, 6.6); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.512 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.446 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.596 W/kg
SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.366 W/kg
Maximum value of SAR (measured) = 0.507 W/kg



0 dB = 0.512 W/kg

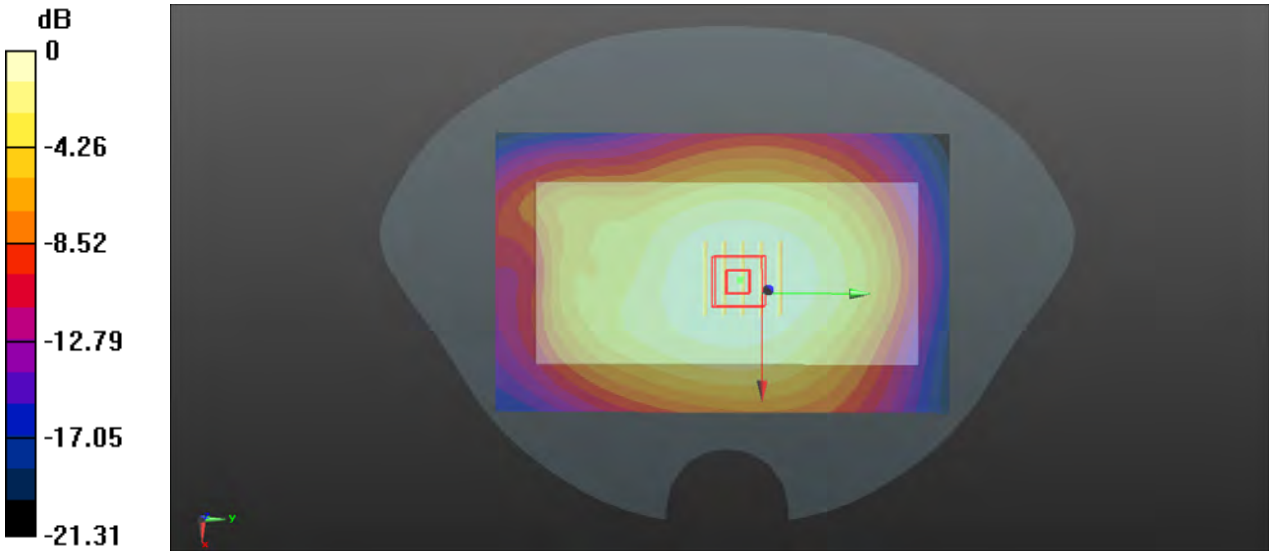
P31 LTE 14_QPSK10M_Rear Face_1cm_Ch23330_1RB_OS0

Communication System: LTE; Frequency: 793 MHz;Duty Cycle: 1:1
Medium: HSL750_1022 Medium parameters used: f = 793 MHz; σ = 0.901 S/m; ε_r = 42.75; ρ = 1000 kg/m^3
Ambient Temperature：23.4℃； Liquid Temperature：22.7℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(6.6, 6.6, 6.6); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.413 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.651 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.486 W/kg
SAR(1 g) = 0.391 W/kg; SAR(10 g) = 0.297 W/kg
Maximum value of SAR (measured) = 0.410 W/kg



0 dB = 0.413 W/kg

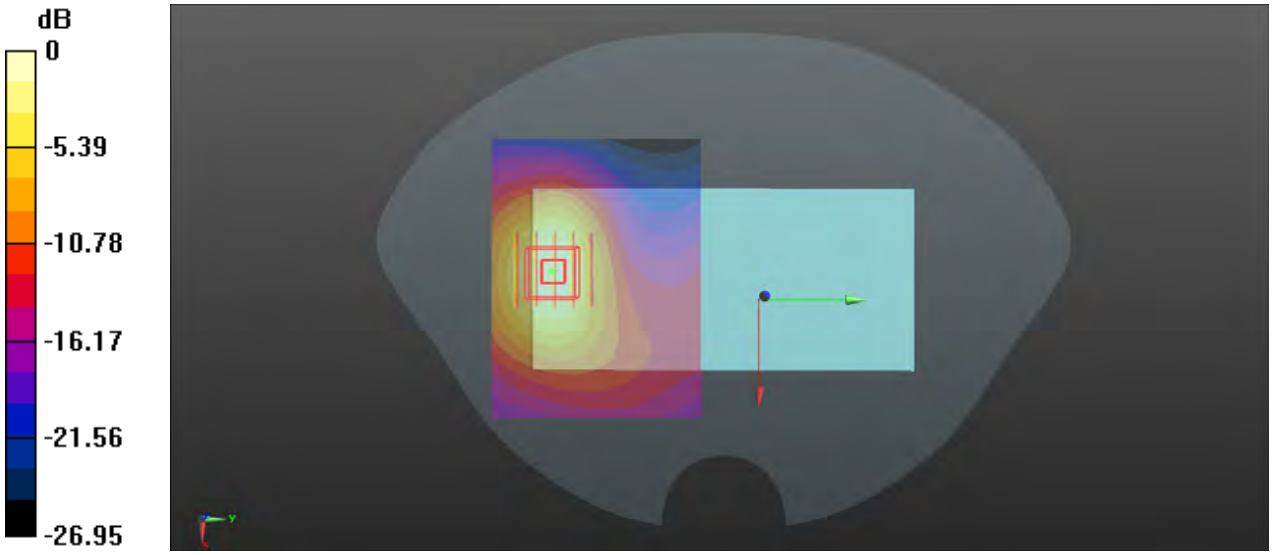
P32 LTE 25_QPSK20M_Rear Face_1cm_Ch26365_1RB_OS0

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL1900_1025 Medium parameters used: f = 1882.5 MHz; σ = 1.406 S/m; ε_r = 39.965; ρ = 1000 kg/m^3
Ambient Temperature：23.4℃； Liquid Temperature：22.8℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(5.19, 5.19, 5.19); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.01 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.817 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.851 W/kg; SAR(10 g) = 0.466 W/kg
Maximum value of SAR (measured) = 0.937 W/kg



0 dB = 1.01 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/22

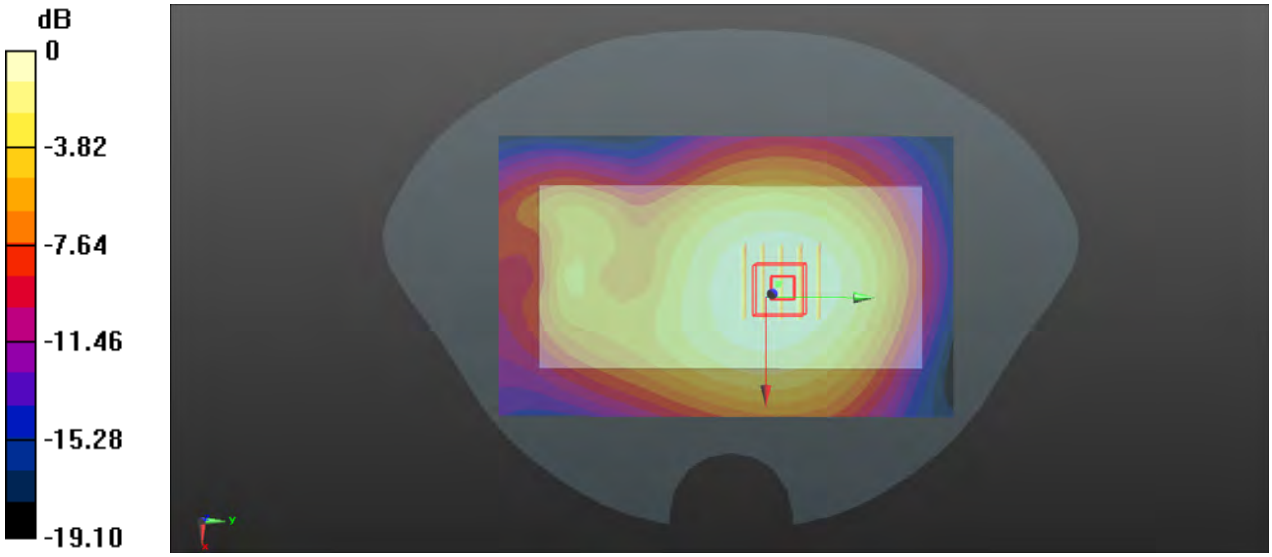
P33 LTE 26_QPSK15M_Rear Face_1cm_Ch26865_1RB_OS74

Communication System: LTE; Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium: HSL835_1022 Medium parameters used: f = 831.5 MHz; σ = 0.916 S/m; ε_r = 42.622; ρ = 1000 kg/m^3
Ambient Temperature：23.5℃； Liquid Temperature：22.6℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(6.04, 6.04, 6.04); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.402 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.782 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.483 W/kg
SAR(1 g) = 0.385 W/kg; SAR(10 g) = 0.290 W/kg
Maximum value of SAR (measured) = 0.404 W/kg



0 dB = 0.402 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/26

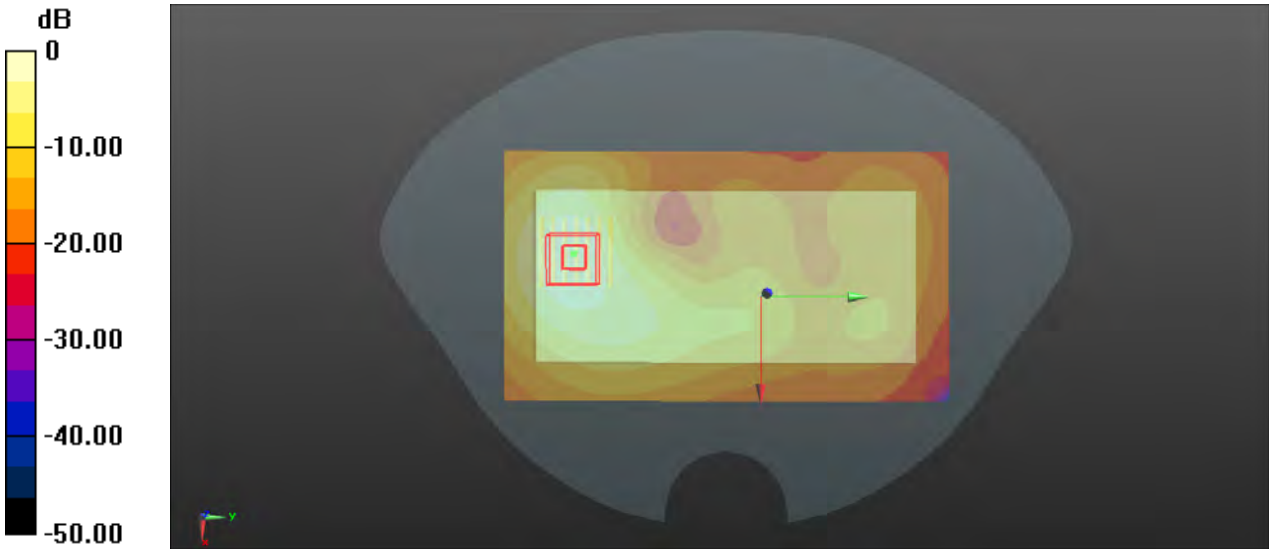
P34 LTE 30_QPSK10M_Rear Face_1cm_Ch27710_1RB_OS0

Communication System: LTE; Frequency: 2310 MHz;Duty Cycle: 1:1
Medium: HSL2300_1026 Medium parameters used: f = 2310 MHz; σ = 1.686 S/m; ε_r = 39.695; ρ = 1000 kg/m^3
Ambient Temperature：23.7℃； Liquid Temperature：22.2℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(4.86, 4.86, 4.86); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.04 W/kg

- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.663 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.668 W/kg; SAR(10 g) = 0.356 W/kg
Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.04 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/27

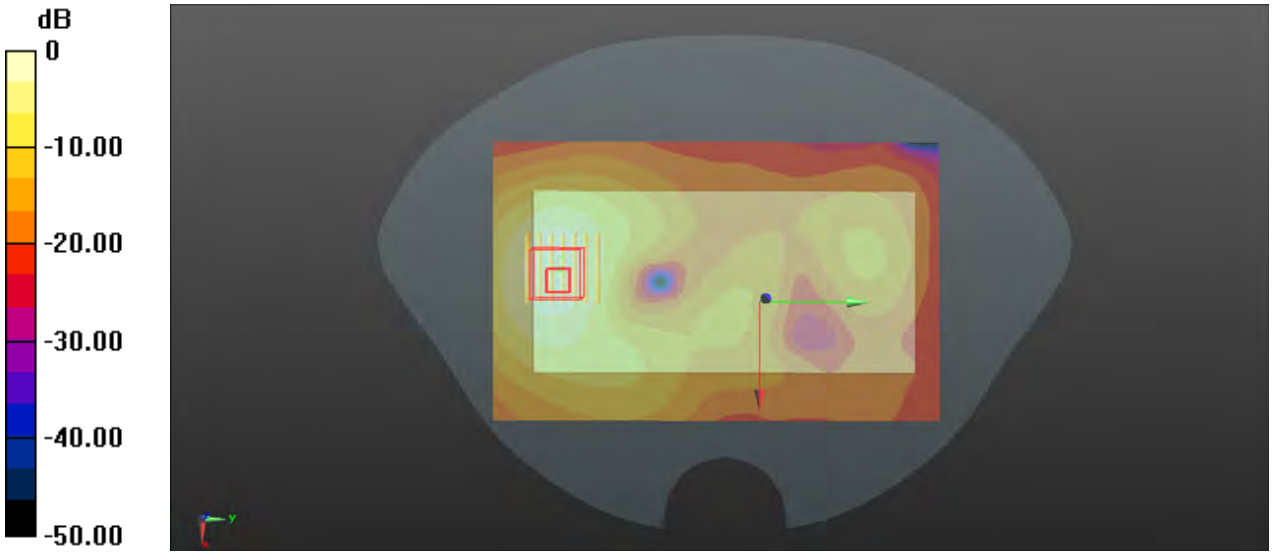
P35 LTE 41_QPSK20M_Rear Face_1cm_Ch40185_1RB_OS0

Communication System: LTE TDD; Frequency: 2549.5 MHz;Duty Cycle: 1:1.59
Medium: HSL2600_1027 Medium parameters used: f = 2549.5 MHz; σ = 1.859 S/m; ε_r = 39.259; ρ = 1000 kg/m^3
Ambient Temperature：23.8℃； Liquid Temperature：22.6℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(4.42, 4.42, 4.42); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (101x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.695 W/kg

- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.915 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.550 W/kg; SAR(10 g) = 0.298 W/kg
Maximum value of SAR (measured) = 0.645 W/kg



0 dB = 0.695 W/kg

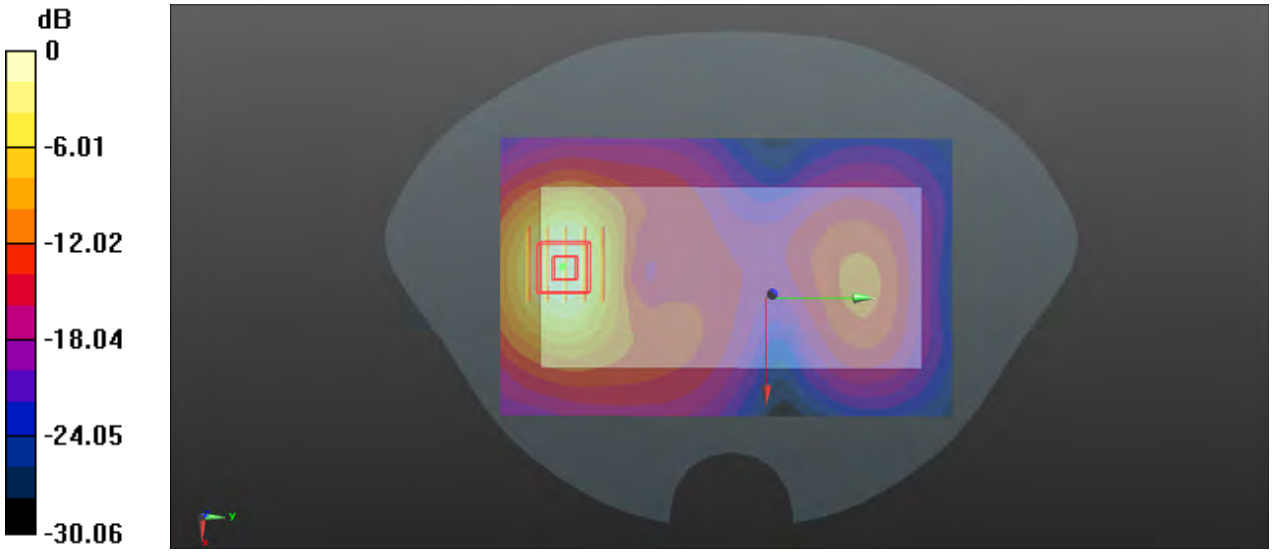
P36 LTE 66_QPSK20M_Rear Face_1cm_Ch132072_1RB_OS50

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: HSL1750_1023 Medium parameters used: f = 1720 MHz; σ = 1.325 S/m; ε_r = 40.21; ρ = 1000 kg/m^3
Ambient Temperature：23.1℃； Liquid Temperature：22.4℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(5.43, 5.43, 5.43); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.24 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.164 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.81 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.597 W/kg
Maximum value of SAR (measured) = 1.20 W/kg



0 dB = 1.24 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/22

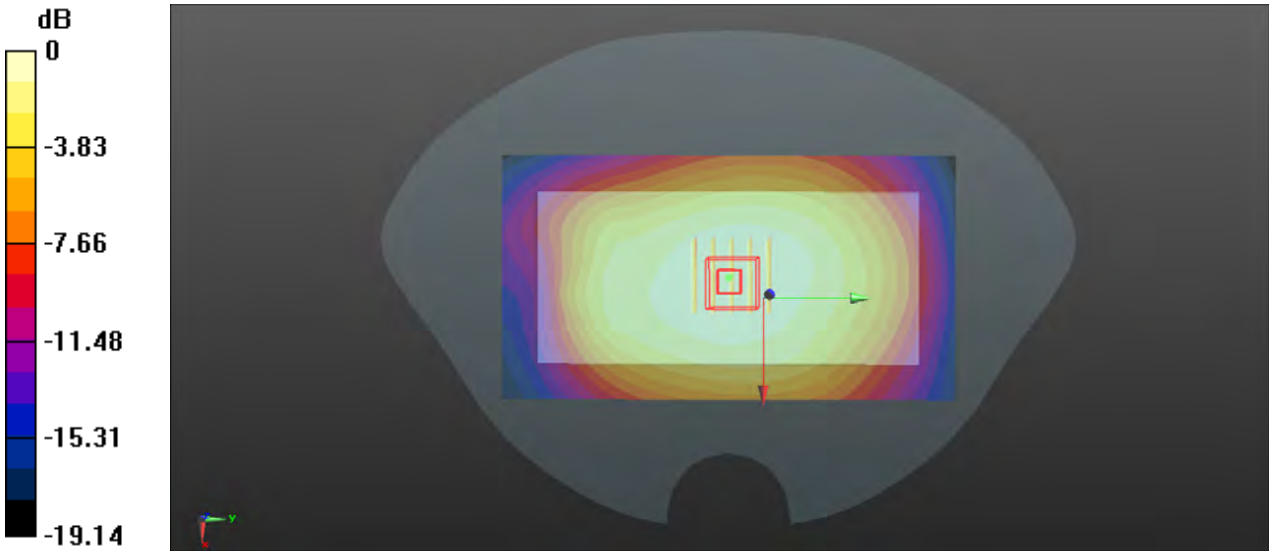
P37 LTE 71_QPSK20M_Rear Face_1cm_Ch133372_1RB_OS50

Communication System: LTE; Frequency: 688 MHz;Duty Cycle: 1:1
Medium: HSL750_1022 Medium parameters used: f = 688 MHz; σ = 0.864 S/m; ε_r = 43.013; ρ = 1000 kg/m^3
Ambient Temperature：23.4℃； Liquid Temperature：22.7℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(6.6, 6.6, 6.6); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.406 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.407 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.440 W/kg
SAR(1 g) = 0.337 W/kg; SAR(10 g) = 0.254 W/kg
Maximum value of SAR (measured) = 0.407 W/kg



0 dB = 0.406 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/26

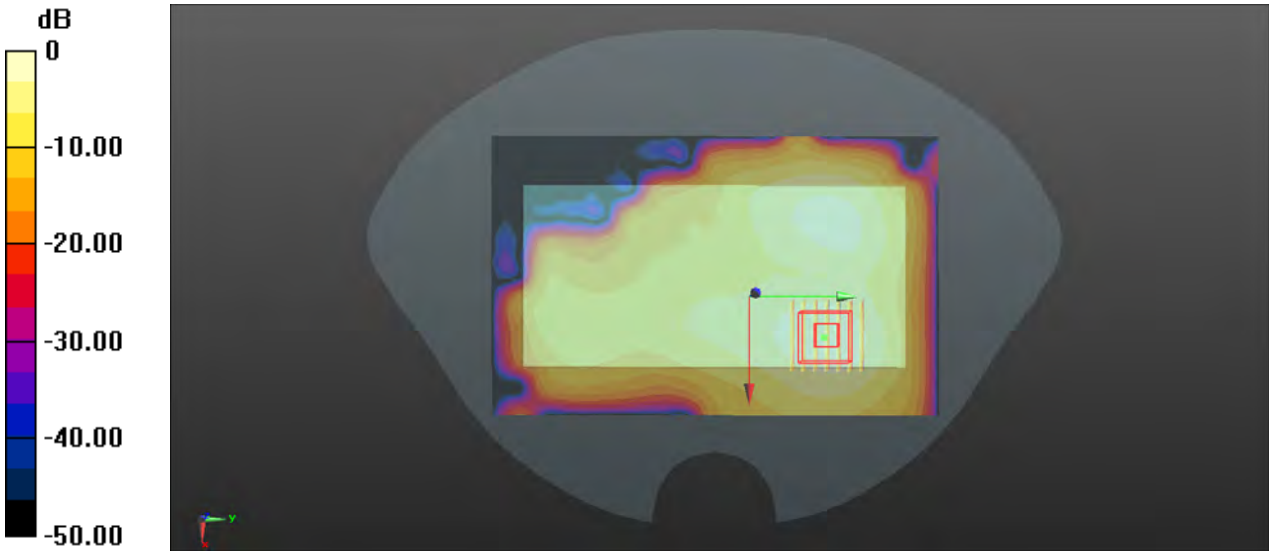
P38 WLAN2.4G_802.11b_Front Face_1cm_Ch11

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL2450_1026 Medium parameters used: f = 2462 MHz; σ = 1.789 S/m; ε_r = 39.328; ρ = 1000 kg/m^3
Ambient Temperature：23.2℃； Liquid Temperature：22.1℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(4.56, 4.56, 4.56); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (101x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0538 W/kg

- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.916 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.0950 W/kg
SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.025 W/kg
Maximum value of SAR (measured) = 0.0537 W/kg



0 dB = 0.0538 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/28

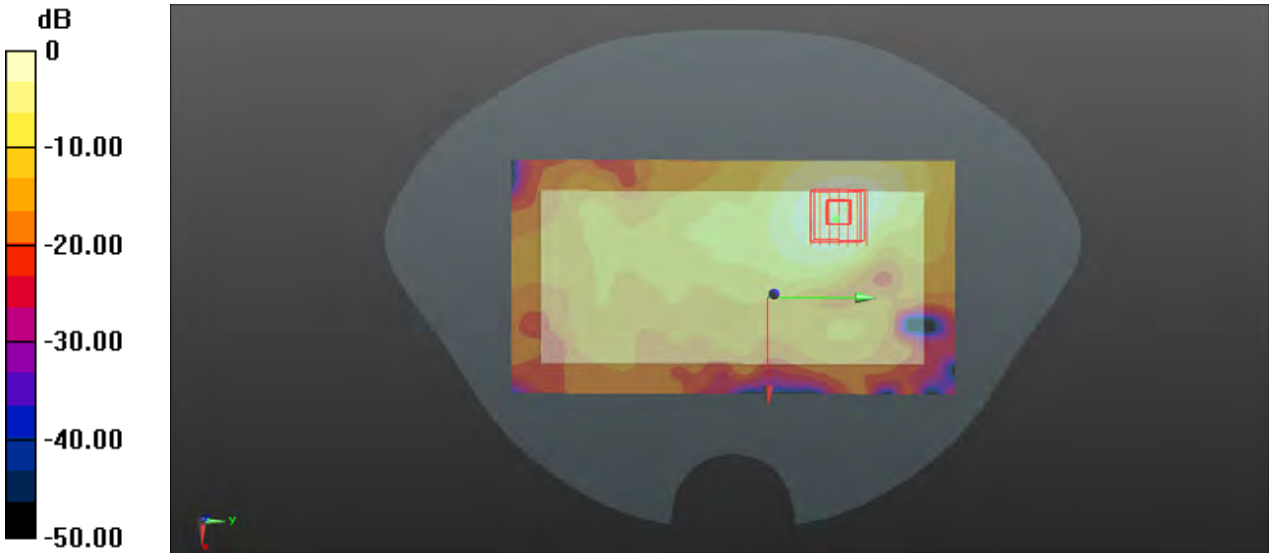
P39 WLAN5G_802.11a_Rear Face_1cm_Ch60

Communication System: 802.11a; Frequency: 5300 MHz;Duty Cycle: 1:1.03
Medium: HSL5G_1028 Medium parameters used: f = 5300 MHz; σ = 4.795 S/m; ε_r = 36.17; ρ = 1000 kg/m^3
Ambient Temperature：23.6℃； Liquid Temperature：22.3℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3873; ConvF(4.8, 4.8, 4.8); Calibrated: 2021/8/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2021/6/22
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1610
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7164)

- Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.09 W/kg

- Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.074 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.68 W/kg
SAR(1 g) = 0.517 W/kg; SAR(10 g) = 0.214 W/kg
Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.09 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/29

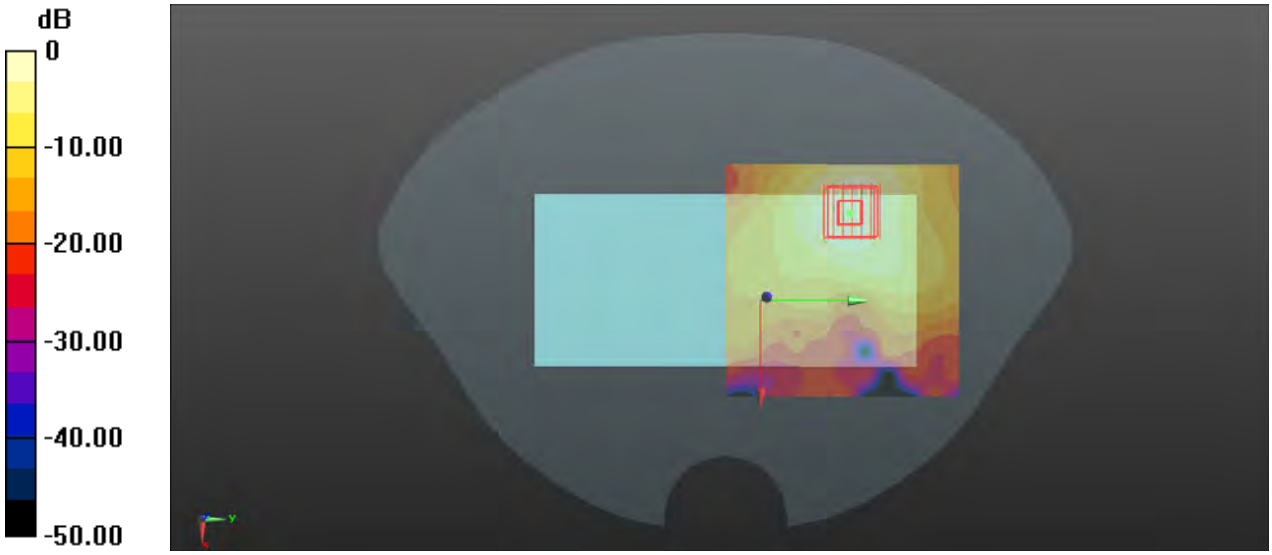
P40 WLAN5G_802.11a_Rear Face_1cm_Ch144

Communication System: 802.11a; Frequency: 5720 MHz;Duty Cycle: 1:1.03
Medium: HSL5G_1029 Medium parameters used: f = 5720 MHz; σ = 5.229 S/m; ε_r = 35.566; ρ = 1000 kg/m^3
Ambient Temperature：23.4℃； Liquid Temperature：22.4℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3873; ConvF(4.49, 4.49, 4.49); Calibrated: 2021/8/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2021/6/22
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1610
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.27 W/kg

- **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.286 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 2.18 W/kg
SAR(1 g) = 0.576 W/kg; SAR(10 g) = 0.225 W/kg
Maximum value of SAR (measured) = 1.30 W/kg



0 dB = 1.27 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/29

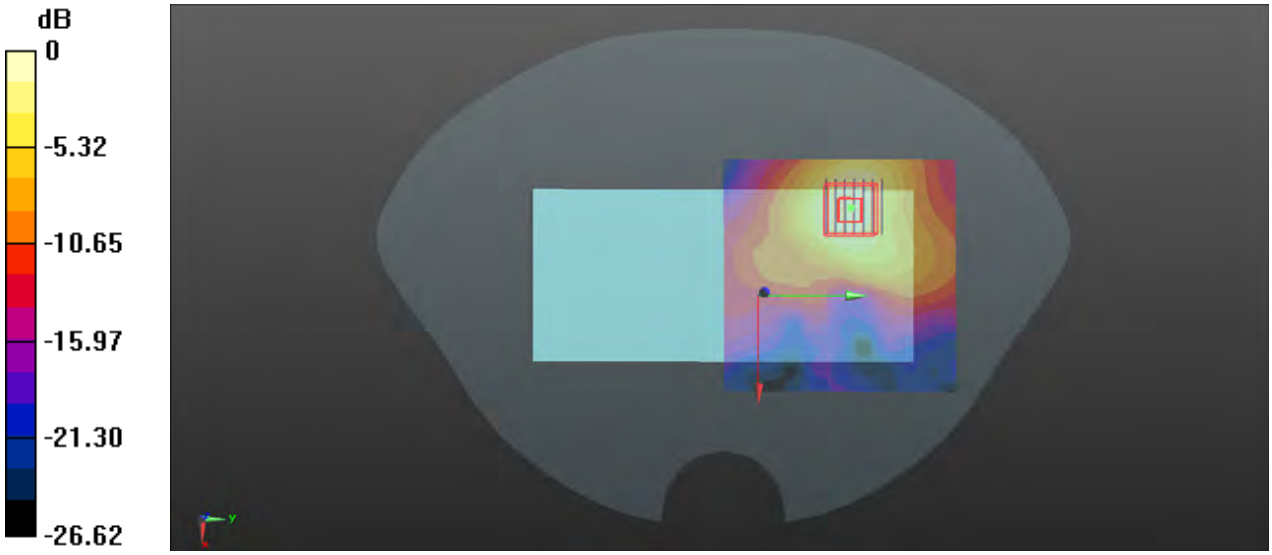
P41 WLAN5G_802.11a_Rear Face_1cm_Ch149

Communication System: 802.11a; Frequency: 5745 MHz;Duty Cycle: 1:1.02
Medium: HSL5G_1029 Medium parameters used: f = 5745 MHz; σ = 5.26 S/m; ε_r = 35.526; ρ = 1000 kg/m^3
Ambient Temperature：23.4℃； Liquid Temperature：22.4℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3873; ConvF(4.49, 4.49, 4.49); Calibrated: 2021/8/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2021/6/22
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1610
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.47 W/kg

- **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.581 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.55 W/kg
SAR(1 g) = 0.669 W/kg; SAR(10 g) = 0.264 W/kg
Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.47 W/kg

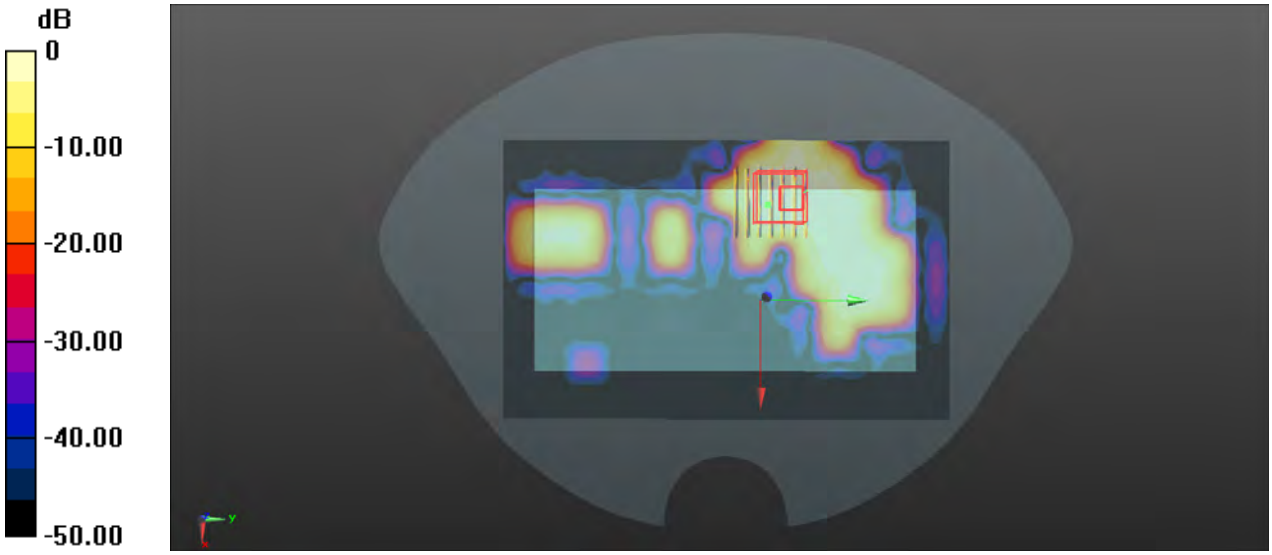
P42 BT_GFSK_Rear Face_1cm_Ch78

Communication System: BT; Frequency: 2480 MHz;Duty Cycle: 1:1.3
Medium: HSL2450_1026 Medium parameters used: f = 2480 MHz; σ = 1.801 S/m; ε_r = 39.302; ρ = 1000 kg/m^3
Ambient Temperature：23.2℃； Liquid Temperature：22.1℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(4.56, 4.56, 4.56); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (101x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0110 W/kg

- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.678 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.0170 W/kg
SAR(1 g) = 0.00879 W/kg; SAR(10 g) = 0.00357 W/kg
Maximum value of SAR (measured) = 0.0104 W/kg



0 dB = 0.0110 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/22

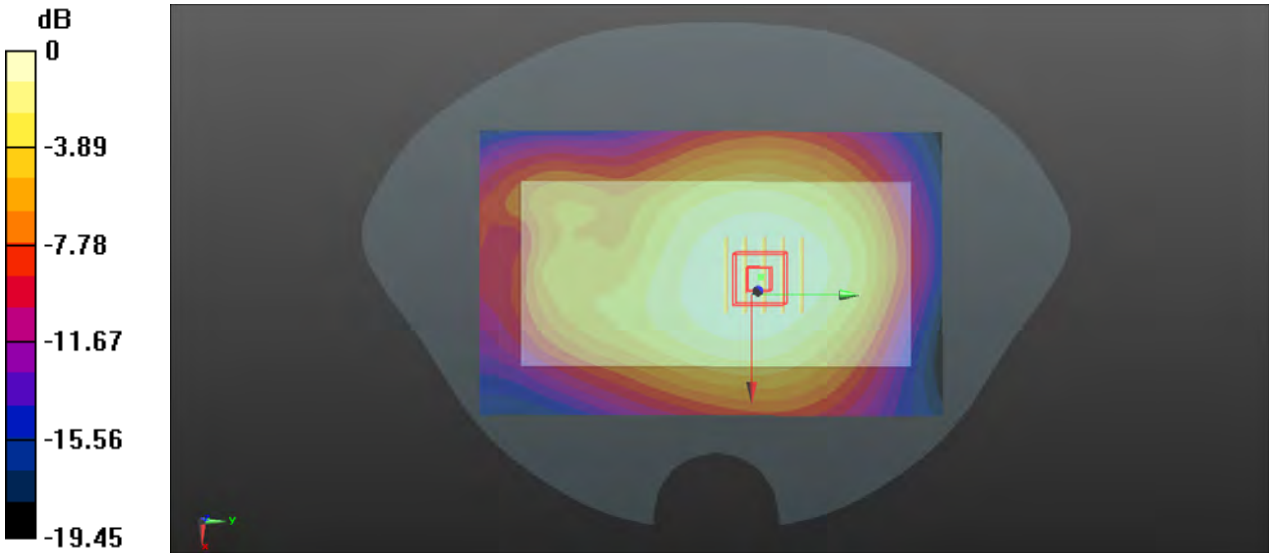
P43 GSM850_GPRS10_Rear Face_1cm_Ch128

Communication System: GPRS10; Frequency: 824.2 MHz;Duty Cycle: 1:4.15
Medium: HSL835_1022 Medium parameters used: f = 824.2 MHz; σ = 0.913 S/m; ε_r = 42.644; ρ = 1000 kg/m^3
Ambient Temperature：23.5℃； Liquid Temperature：22.6℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(6.04, 6.04, 6.04); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.545 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.915 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.646 W/kg
SAR(1 g) = 0.515 W/kg; SAR(10 g) = 0.388 W/kg
Maximum value of SAR (measured) = 0.540 W/kg



0 dB = 0.545 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/25

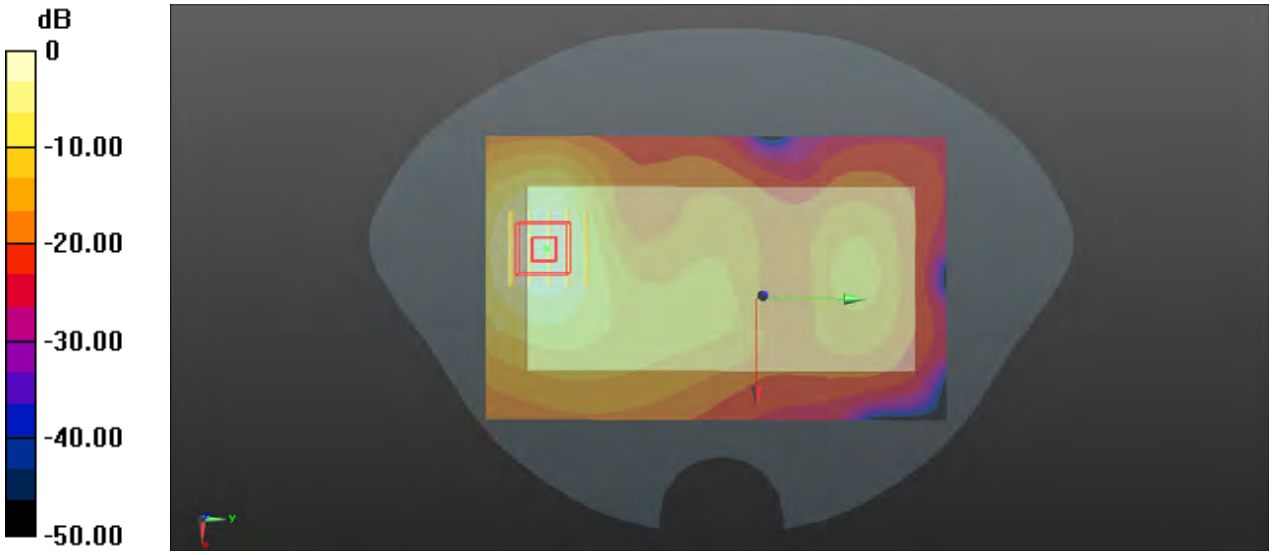
P44 GSM1900_GPRS11_Rear Face_1cm_Ch512

Communication System: GPRS11; Frequency: 1850.2 MHz;Duty Cycle: 1:2.77
Medium: HSL1900_1025 Medium parameters used: f = 1850.2 MHz; σ = 1.387 S/m; ε_r = 40.024; ρ = 1000 kg/m^3
Ambient Temperature：23.4℃； Liquid Temperature：22.8℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(5.19, 5.19, 5.19); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.724 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.185 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.647 W/kg; SAR(10 g) = 0.356 W/kg
Maximum value of SAR (measured) = 0.714 W/kg



0 dB = 0.724 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/25

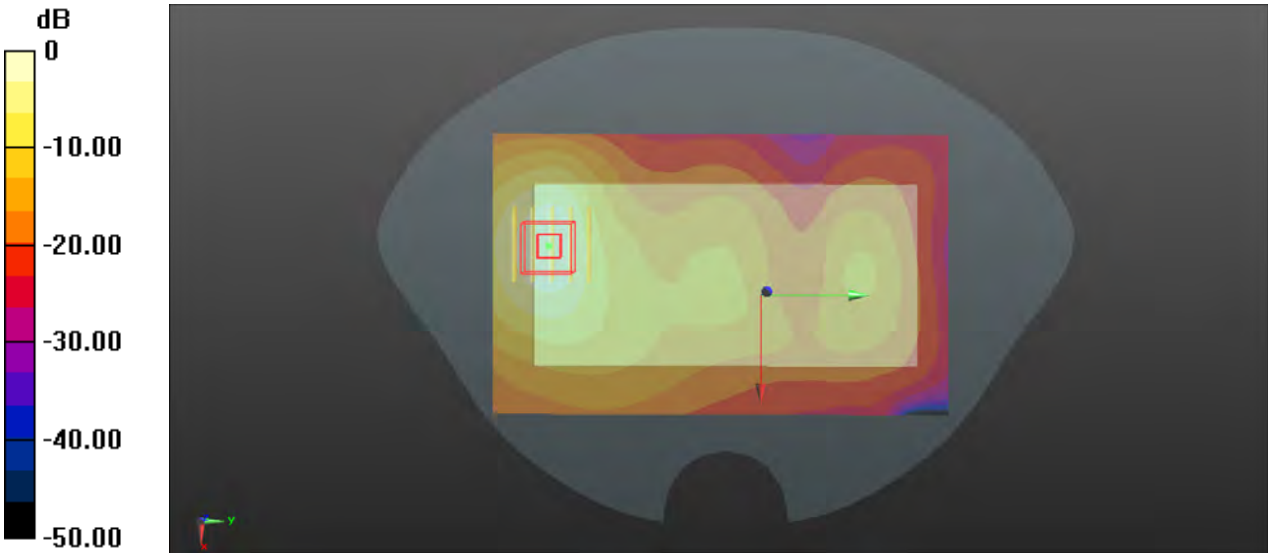
P45 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9400

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: HSL1900_1025 Medium parameters used: f = 1880 MHz; σ = 1.404 S/m; ε_r = 39.967; ρ = 1000 kg/m^3
Ambient Temperature：23.4℃； Liquid Temperature：22.8℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(5.19, 5.19, 5.19); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.07 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.691 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 0.923 W/kg; SAR(10 g) = 0.503 W/kg
Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.07 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/23

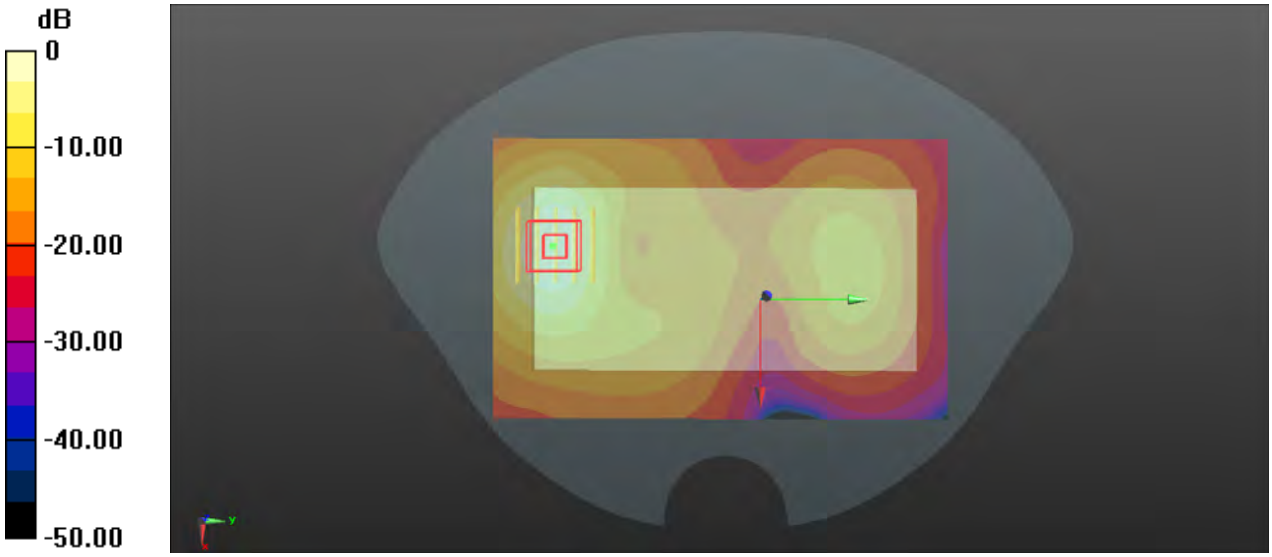
P46 WCDMA IV_RMC12.2K_Rear Face_1cm_Ch1312

Communication System: WCDMA; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium: HSL1750_1023 Medium parameters used: f = 1712.4 MHz; σ = 1.324 S/m; ε_r = 40.223; ρ = 1000 kg/m^3
Ambient Temperature：23.1℃； Liquid Temperature：22.4℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(5.43, 5.43, 5.43); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.25 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.874 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.83 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.594 W/kg
Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.25 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/22

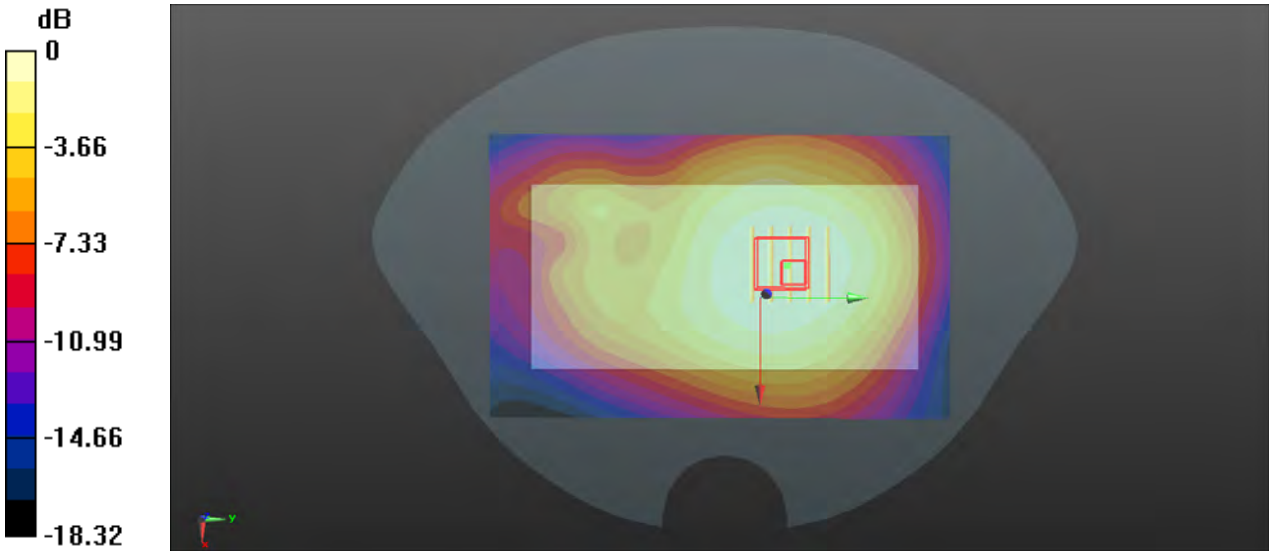
P47 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4132

Communication System: WCDMA; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: HSL835_1022 Medium parameters used: f = 826.4 MHz; σ = 0.914 S/m; ε_r = 42.636; ρ = 1000 kg/m^3
Ambient Temperature：23.5℃； Liquid Temperature：22.6℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(6.04, 6.04, 6.04); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.396 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.490 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.556 W/kg
SAR(1 g) = 0.436 W/kg; SAR(10 g) = 0.319 W/kg
Maximum value of SAR (measured) = 0.454 W/kg



0 dB = 0.396 W/kg

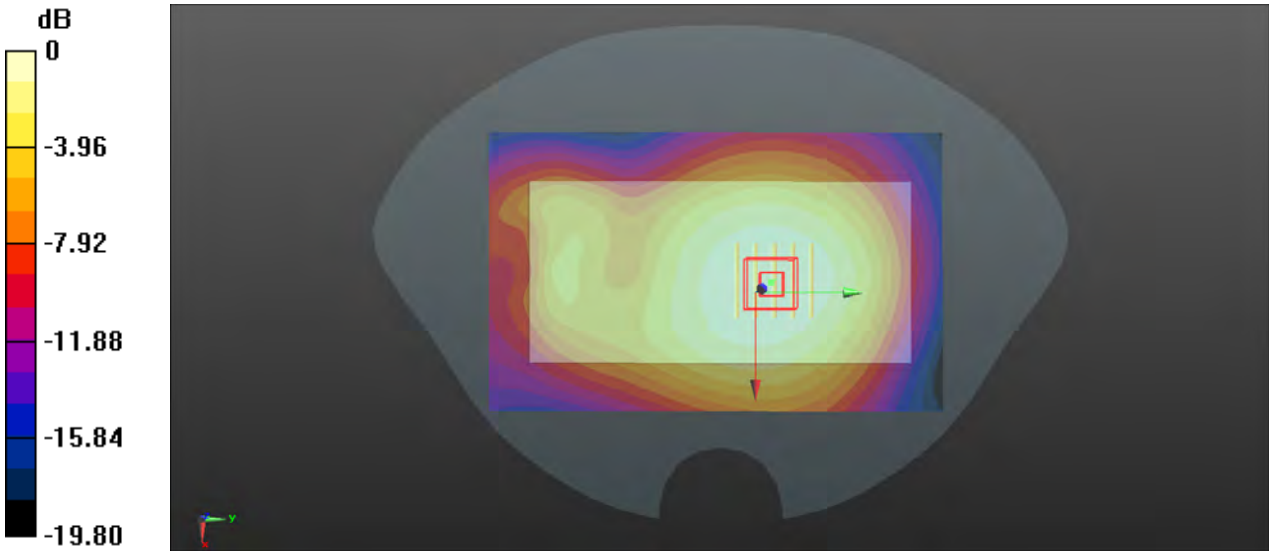
P48 LTE 5_QPSK10M_Rear Face_1cm_Ch20525_1RB_OS49

Communication System: LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL835_1022 Medium parameters used: f = 836.5 MHz; σ = 0.918 S/m; ε_r = 42.606; ρ = 1000 kg/m^3
Ambient Temperature：23.5℃； Liquid Temperature：22.6℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(6.04, 6.04, 6.04); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.392 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.238 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.463 W/kg
SAR(1 g) = 0.371 W/kg; SAR(10 g) = 0.279 W/kg
Maximum value of SAR (measured) = 0.390 W/kg



0 dB = 0.392 W/kg

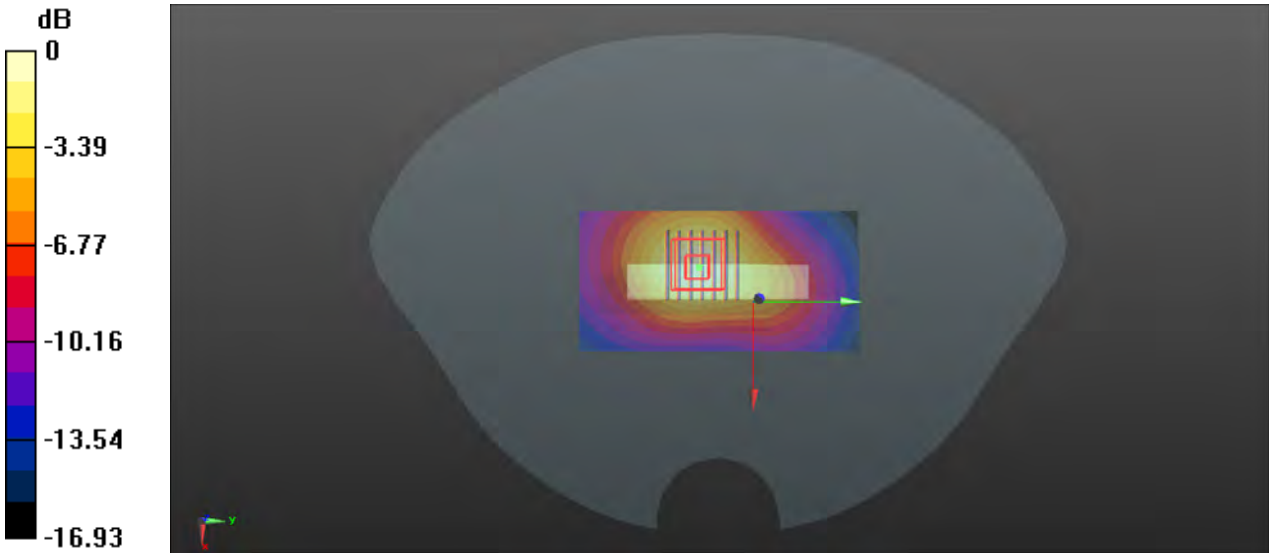
P49 LTE 7_QPSK20M_Bottom Side_1cm_Ch21350_1RB_OS0

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL2600_1027 Medium parameters used: f = 2560 MHz; σ = 1.868 S/m; ε_r = 39.243; ρ = 1000 kg/m^3
Ambient Temperature：23.8℃； Liquid Temperature：22.6℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(4.42, 4.42, 4.42); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.954 W/kg

- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.219 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.60 W/kg
SAR(1 g) = 0.858 W/kg; SAR(10 g) = 0.452 W/kg
Maximum value of SAR (measured) = 0.946 W/kg



0 dB = 0.954 W/kg

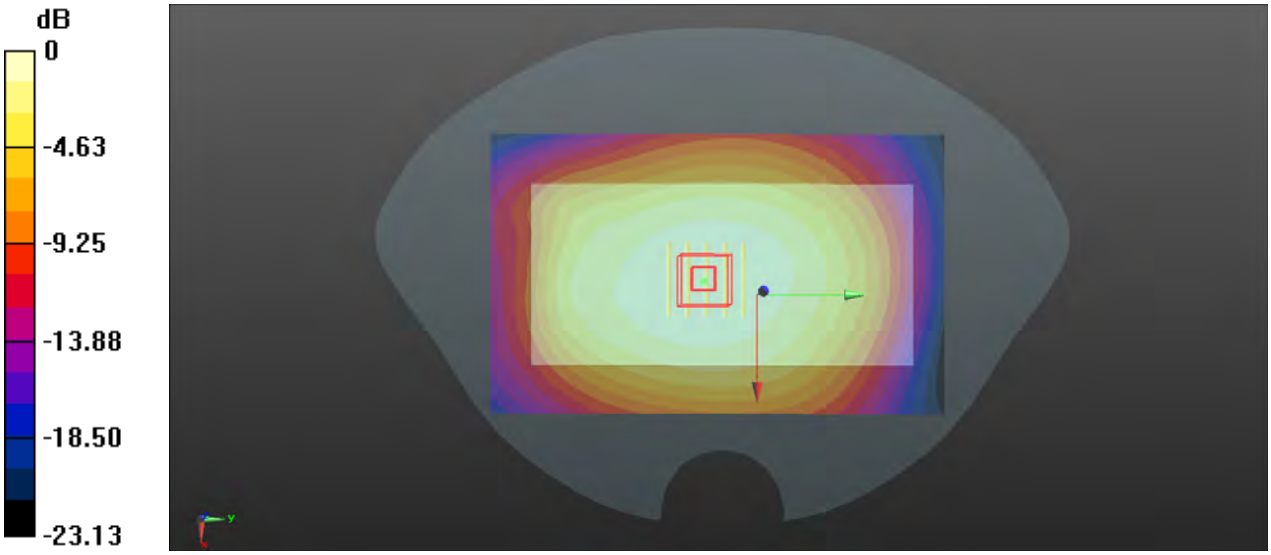
P50 LTE 12_QPSK10M_Rear Face_1cm_Ch23060_1RB_OS0

Communication System: LTE; Frequency: 704 MHz;Duty Cycle: 1:1
Medium: HSL750_1022 Medium parameters used: f = 704 MHz; σ = 0.869 S/m; ε_r = 42.981; ρ = 1000 kg/m^3
Ambient Temperature：23.4℃； Liquid Temperature：22.7℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(6.6, 6.6, 6.6); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.336 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.707 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.402 W/kg
SAR(1 g) = 0.324 W/kg; SAR(10 g) = 0.247 W/kg
Maximum value of SAR (measured) = 0.340 W/kg



0 dB = 0.336 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/22

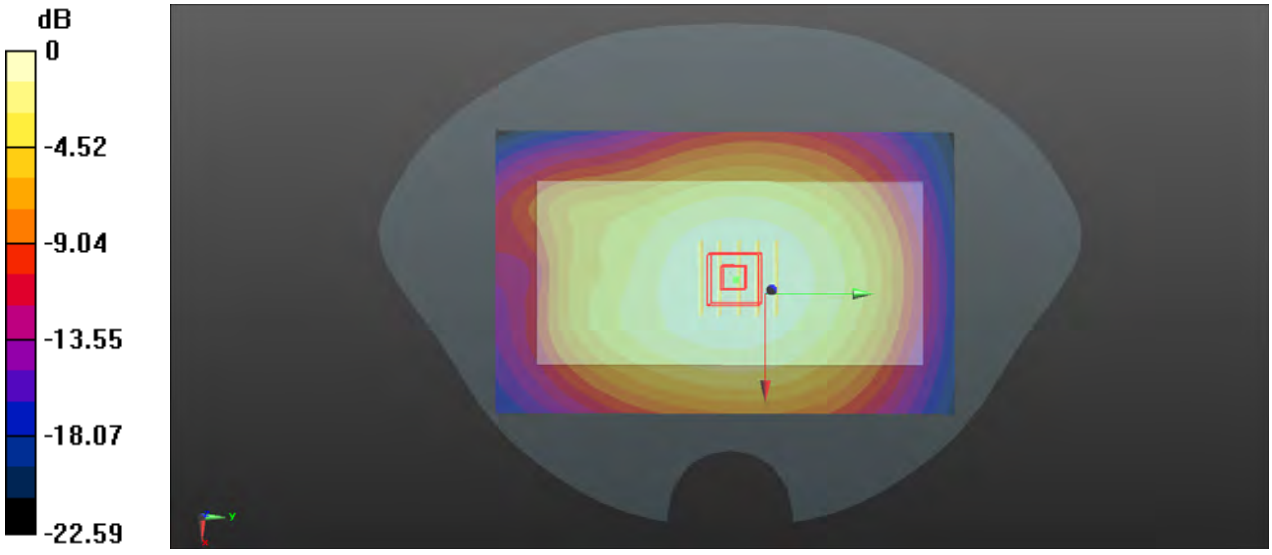
P51 LTE 13_QPSK10M_Rear Face_1cm_Ch23230_1RB_OS0

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: HSL750_1022 Medium parameters used: f = 782 MHz; σ = 0.896 S/m; ε_r = 42.786; ρ = 1000 kg/m^3
Ambient Temperature：23.4℃； Liquid Temperature：22.7℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(6.6, 6.6, 6.6); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.512 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.446 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.596 W/kg
SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.366 W/kg
Maximum value of SAR (measured) = 0.507 W/kg



0 dB = 0.512 W/kg

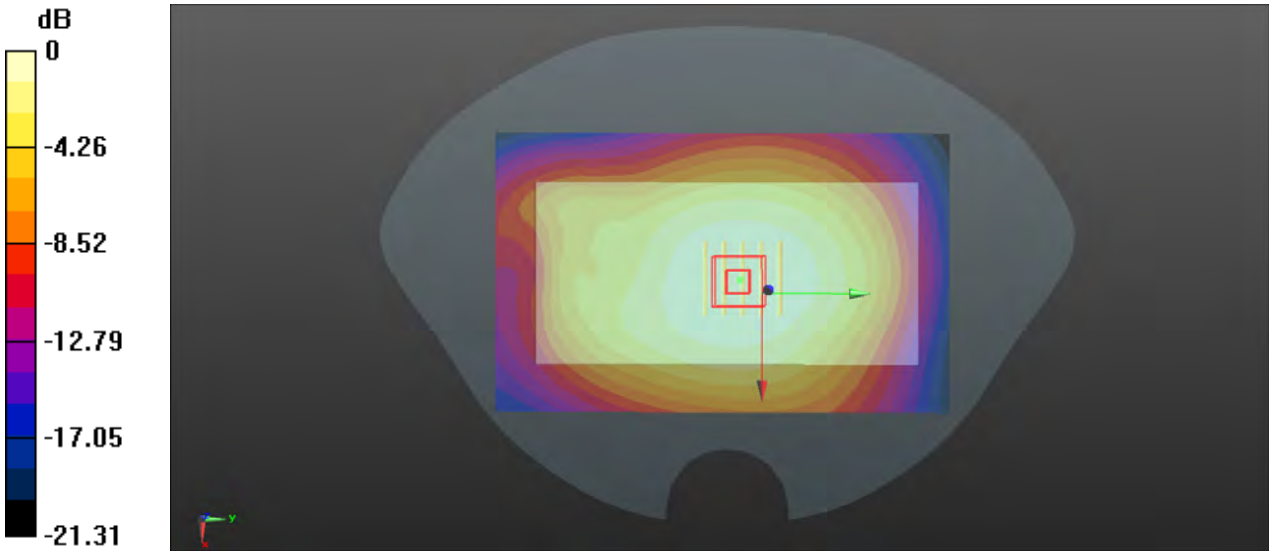
P52 LTE 14_QPSK10M_Rear Face_1cm_Ch23330_1RB_OS0

Communication System: LTE; Frequency: 793 MHz;Duty Cycle: 1:1
Medium: HSL750_1022 Medium parameters used: f = 793 MHz; σ = 0.901 S/m; ε_r = 42.75; ρ = 1000 kg/m^3
Ambient Temperature：23.4℃； Liquid Temperature：22.7℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(6.6, 6.6, 6.6); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.413 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.651 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.486 W/kg
SAR(1 g) = 0.391 W/kg; SAR(10 g) = 0.297 W/kg
Maximum value of SAR (measured) = 0.410 W/kg



0 dB = 0.413 W/kg

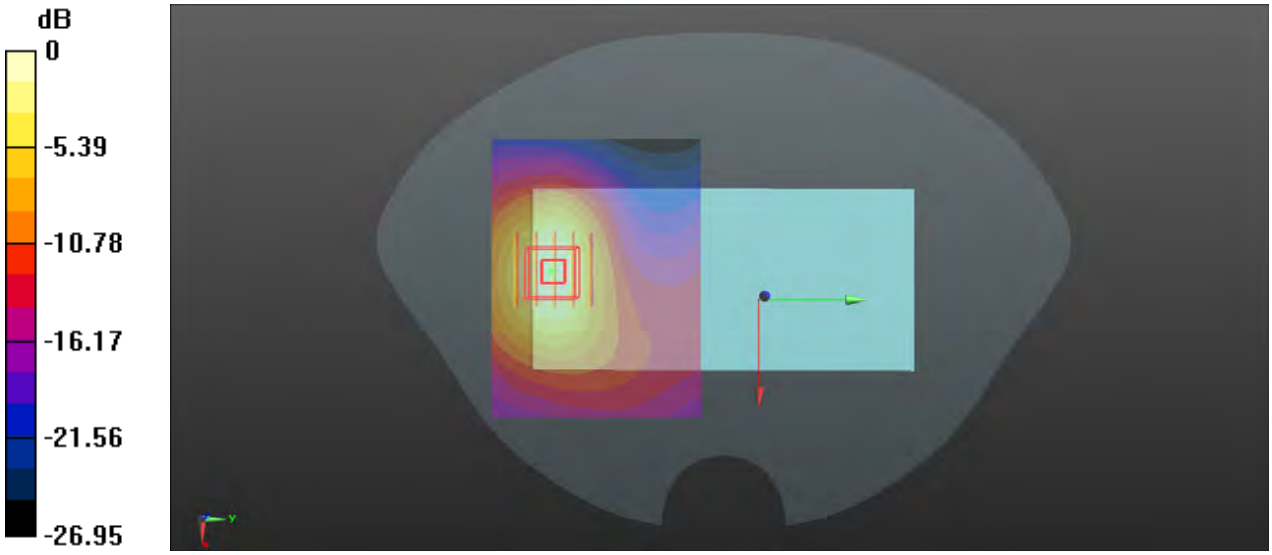
P53 LTE 25_QPSK20M_Rear Face_1cm_Ch26365_1RB_OS0

Communication System: LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: HSL1900_1025 Medium parameters used: f = 1882.5 MHz; σ = 1.406 S/m; ε_r = 39.965; ρ = 1000 kg/m^3
Ambient Temperature：23.4℃； Liquid Temperature：22.8℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(5.19, 5.19, 5.19); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.01 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.817 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.851 W/kg; SAR(10 g) = 0.466 W/kg
Maximum value of SAR (measured) = 0.937 W/kg



0 dB = 1.01 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/22

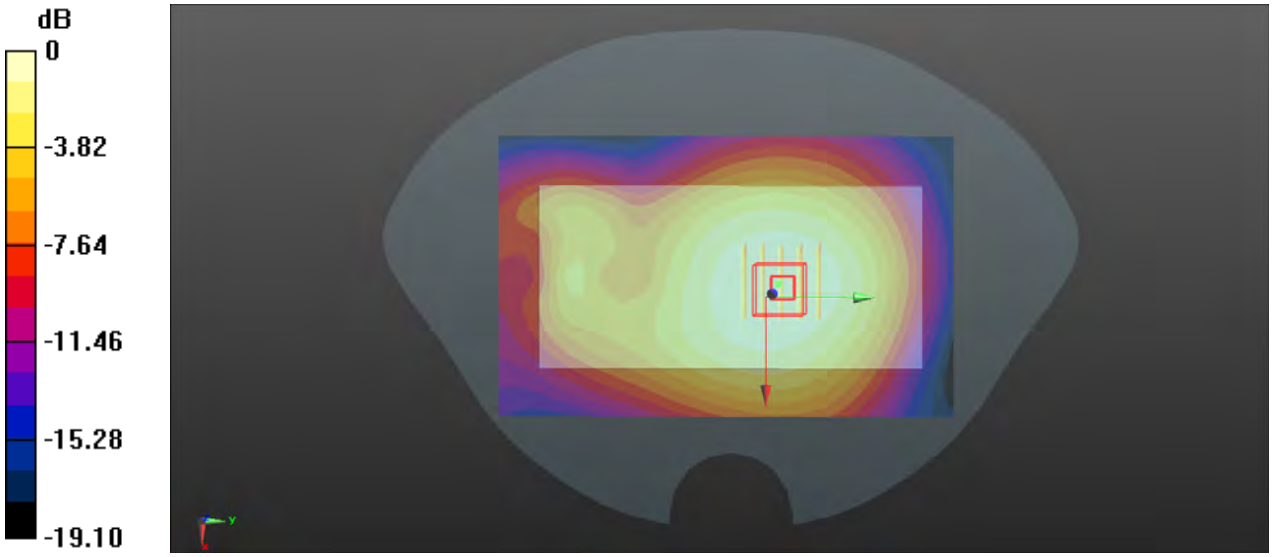
P54 LTE 26_QPSK15M_Rear Face_1cm_Ch26865_1RB_OS74

Communication System: LTE; Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium: HSL835_1022 Medium parameters used: f = 831.5 MHz; σ = 0.916 S/m; ε_r = 42.622; ρ = 1000 kg/m^3
Ambient Temperature：23.5℃； Liquid Temperature：22.6℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(6.04, 6.04, 6.04); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.402 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.782 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.483 W/kg
SAR(1 g) = 0.385 W/kg; SAR(10 g) = 0.290 W/kg
Maximum value of SAR (measured) = 0.404 W/kg



0 dB = 0.402 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/26

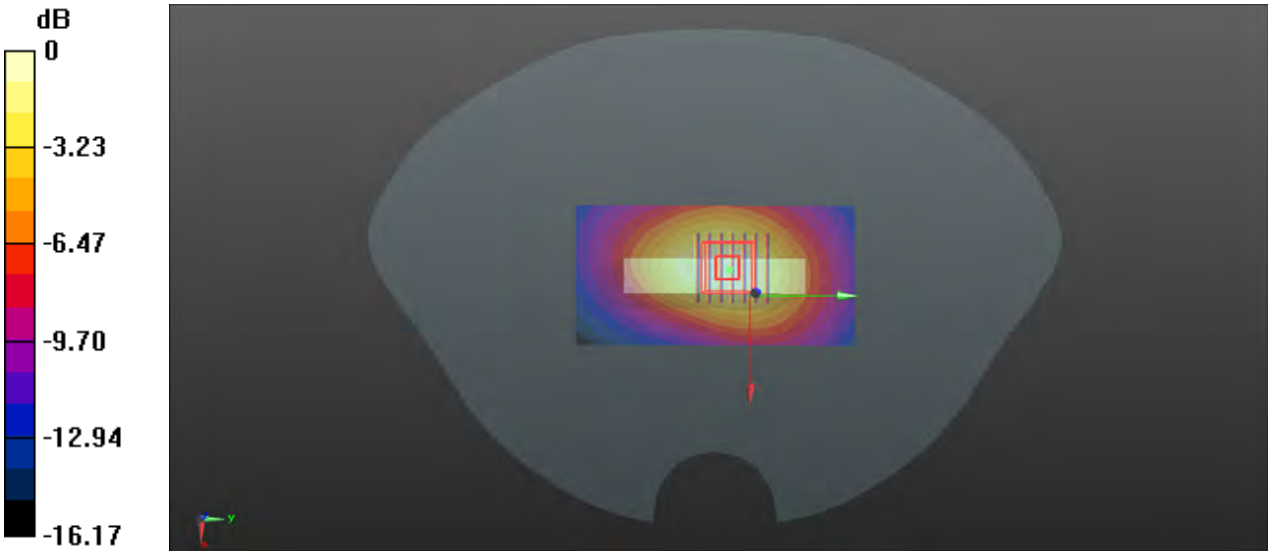
P55 LTE 30_QPSK10M_Bottom Side_1cm_Ch27710_1RB_OS0

Communication System: LTE; Frequency: 2310 MHz;Duty Cycle: 1:1
Medium: HSL2300_1026 Medium parameters used: f = 2310 MHz; σ = 1.686 S/m; ε_r = 39.695; ρ = 1000 kg/m^3
Ambient Temperature：23.7℃； Liquid Temperature：22.2℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(4.86, 4.86, 4.86); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.639 W/kg

- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.076 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.968 W/kg
SAR(1 g) = 0.566 W/kg; SAR(10 g) = 0.318 W/kg
Maximum value of SAR (measured) = 0.619 W/kg



0 dB = 0.639 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/27

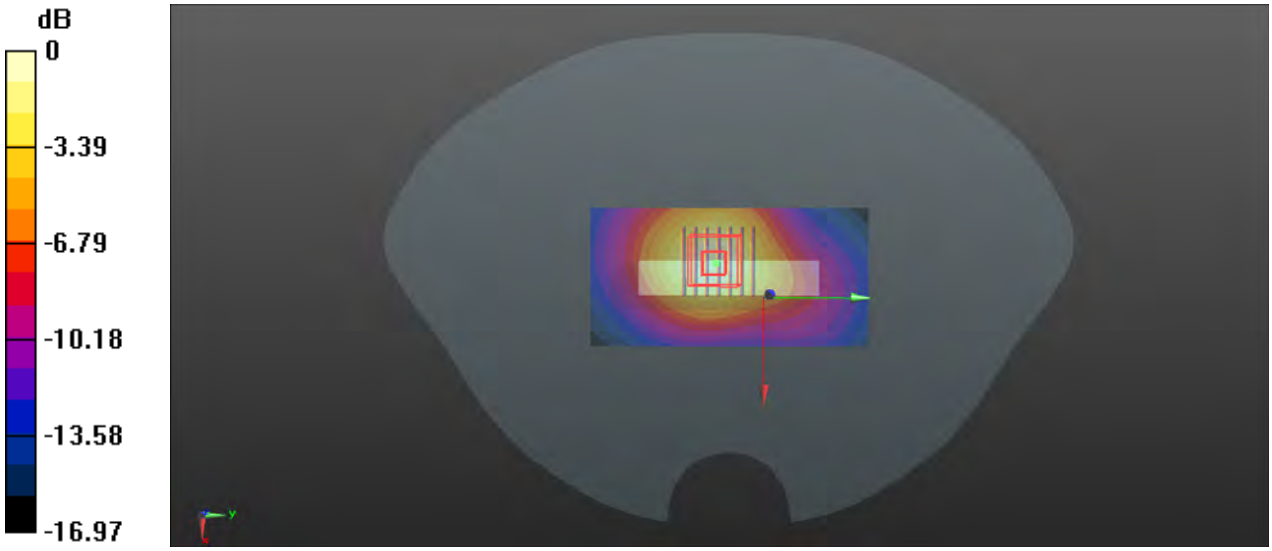
P56 LTE 41_QPSK20M_Bottom Side_1cm_Ch40620_1RB_OS0

Communication System: LTE TDD; Frequency: 2593 MHz;Duty Cycle: 1:1.59
Medium: HSL2600_1027 Medium parameters used: f = 2593 MHz; σ = 1.892 S/m; ε_r = 39.19; ρ = 1000 kg/m^3
Ambient Temperature：23.8℃； Liquid Temperature：22.6℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(4.42, 4.42, 4.42); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.582 W/kg

- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.044 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.984 W/kg
SAR(1 g) = 0.523 W/kg; SAR(10 g) = 0.274 W/kg
Maximum value of SAR (measured) = 0.578 W/kg



0 dB = 0.582 W/kg

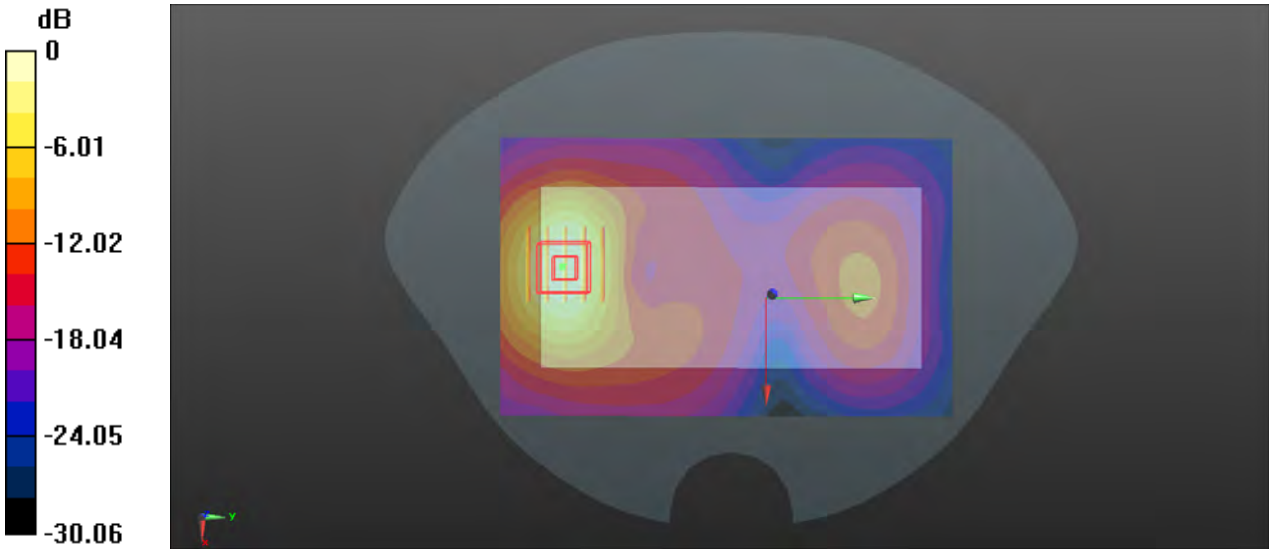
P57 LTE 66_QPSK20M_Rear Face_1cm_Ch132072_1RB_OS50

Communication System: LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: HSL1750_1023 Medium parameters used: f = 1720 MHz; σ = 1.325 S/m; ε_r = 40.21; ρ = 1000 kg/m^3
Ambient Temperature：23.1℃； Liquid Temperature：22.4℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(5.43, 5.43, 5.43); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.24 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.164 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.81 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.597 W/kg
Maximum value of SAR (measured) = 1.20 W/kg



0 dB = 1.24 W/kg

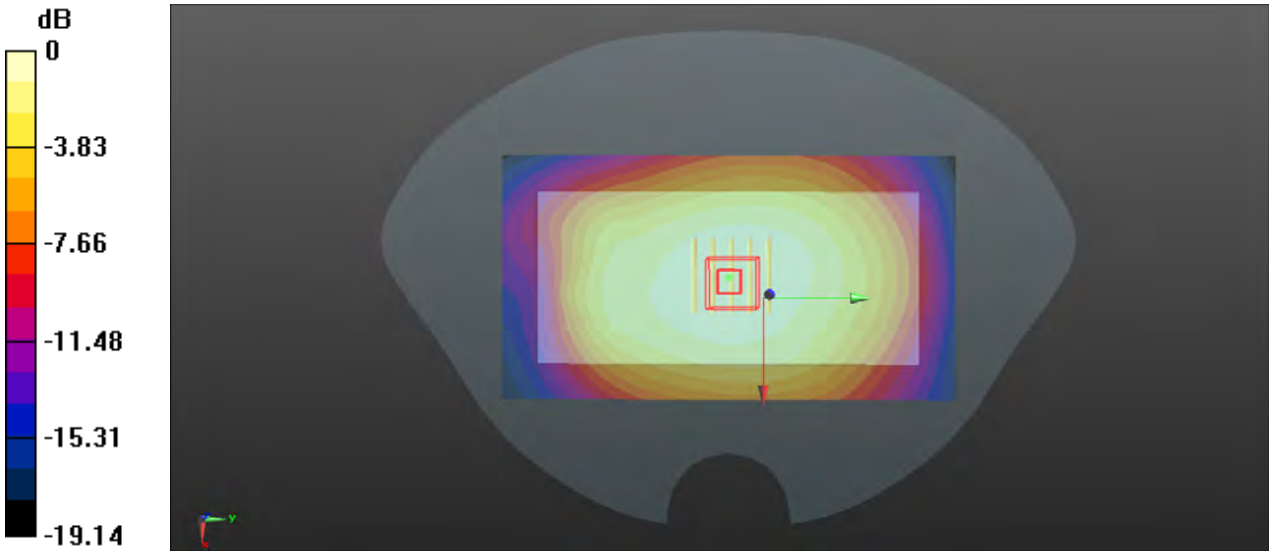
P58 LTE 71_QPSK20M_Rear Face_1cm_Ch133372_1RB_OS50

Communication System: LTE; Frequency: 688 MHz;Duty Cycle: 1:1
Medium: HSL750_1022 Medium parameters used: f = 688 MHz; σ = 0.864 S/m; ε_r = 43.013; ρ = 1000 kg/m^3
Ambient Temperature：23.4℃； Liquid Temperature：22.7℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(6.6, 6.6, 6.6); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.406 W/kg

- Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.407 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.440 W/kg
SAR(1 g) = 0.337 W/kg; SAR(10 g) = 0.254 W/kg
Maximum value of SAR (measured) = 0.407 W/kg



0 dB = 0.406 W/kg

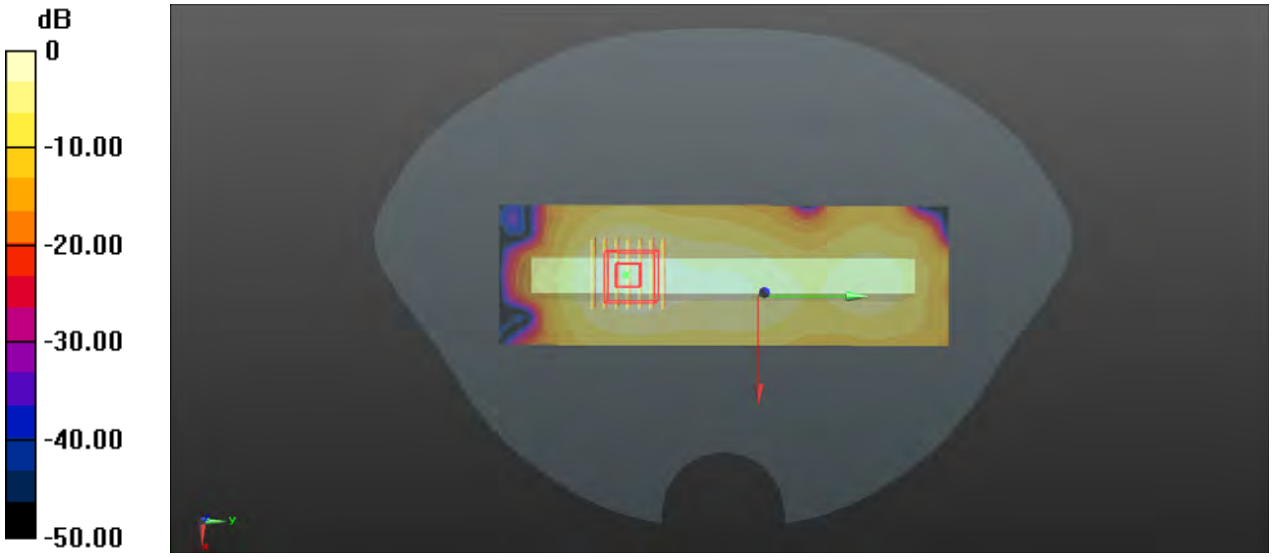
P59 WLAN2.4G_802.11b_Right Side_1cm_Ch11

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL2450_1026 Medium parameters used: f = 2462 MHz; σ = 1.789 S/m; ε_r = 39.328; ρ = 1000 kg/m^3
Ambient Temperature：23.2℃； Liquid Temperature：22.1℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(4.56, 4.56, 4.56); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (51x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0659 W/kg

- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.401 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.111 W/kg
SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.030 W/kg
Maximum value of SAR (measured) = 0.0658 W/kg



0 dB = 0.0659 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/28

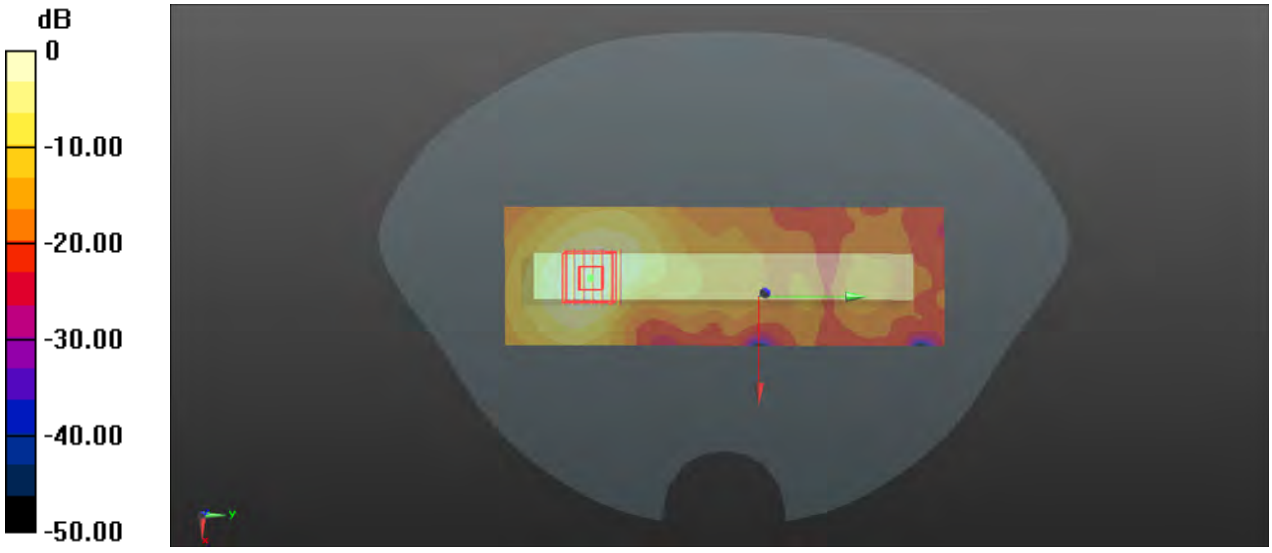
P60 WLAN5G_802.11a_Right Side_1cm_Ch44

Communication System: 802.11a; Frequency: 5220 MHz;Duty Cycle: 1:1.03
Medium: HSL5G_1028 Medium parameters used: f = 5220 MHz; σ = 4.708 S/m; ε_r = 36.3; ρ = 1000 kg/m^3
Ambient Temperature：23.6℃； Liquid Temperature：22.3℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3873; ConvF(4.8, 4.8, 4.8); Calibrated: 2021/8/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2021/6/22
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1610
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (61x191x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.23 W/kg

- **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.335 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.85 W/kg
SAR(1 g) = 0.557 W/kg; SAR(10 g) = 0.214 W/kg
Maximum value of SAR (measured) = 1.20 W/kg



0 dB = 1.23 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/29

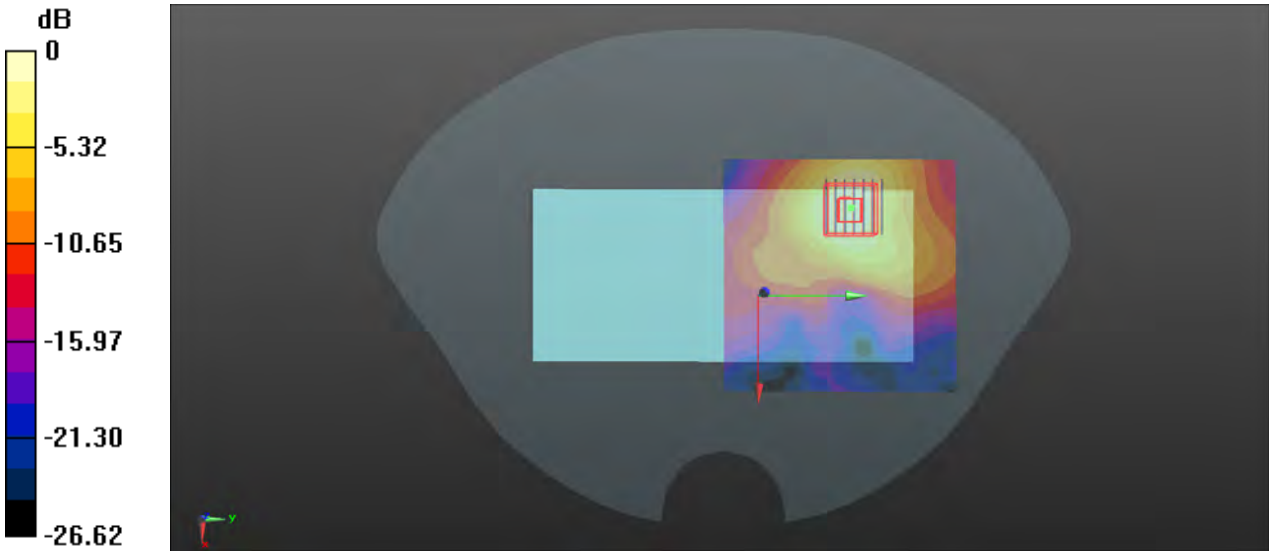
P61 WLAN5G_802.11a_Rear Face_1cm_Ch149

Communication System: 802.11a; Frequency: 5745 MHz;Duty Cycle: 1:1.02
Medium: HSL5G_1029 Medium parameters used: f = 5745 MHz; σ = 5.26 S/m; ε_r = 35.526; ρ = 1000 kg/m^3
Ambient Temperature：23.4℃； Liquid Temperature：22.4℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3873; ConvF(4.49, 4.49, 4.49); Calibrated: 2021/8/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2021/6/22
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1610
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.47 W/kg

- **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.581 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.55 W/kg
SAR(1 g) = 0.669 W/kg; SAR(10 g) = 0.264 W/kg
Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.47 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/26

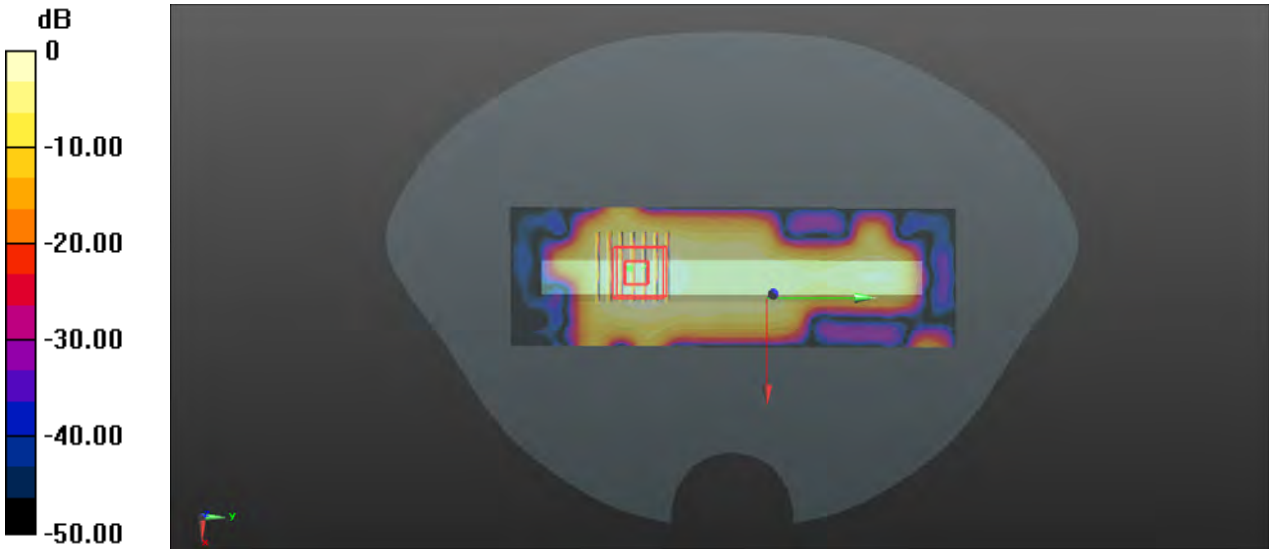
P62 BT_GFSK_Right Side_1cm_Ch78

Communication System: BT; Frequency: 2480 MHz;Duty Cycle: 1:1.3
Medium: HSL2450_1026 Medium parameters used: f = 2480 MHz; σ = 1.801 S/m; ε_r = 39.302; ρ = 1000 kg/m^3
Ambient Temperature：23.2℃； Liquid Temperature：22.1℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(4.56, 4.56, 4.56); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (51x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0195 W/kg

- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.136 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.0490 W/kg
SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.0075 W/kg
Maximum value of SAR (measured) = 0.0190 W/kg



0 dB = 0.0195 W/kg

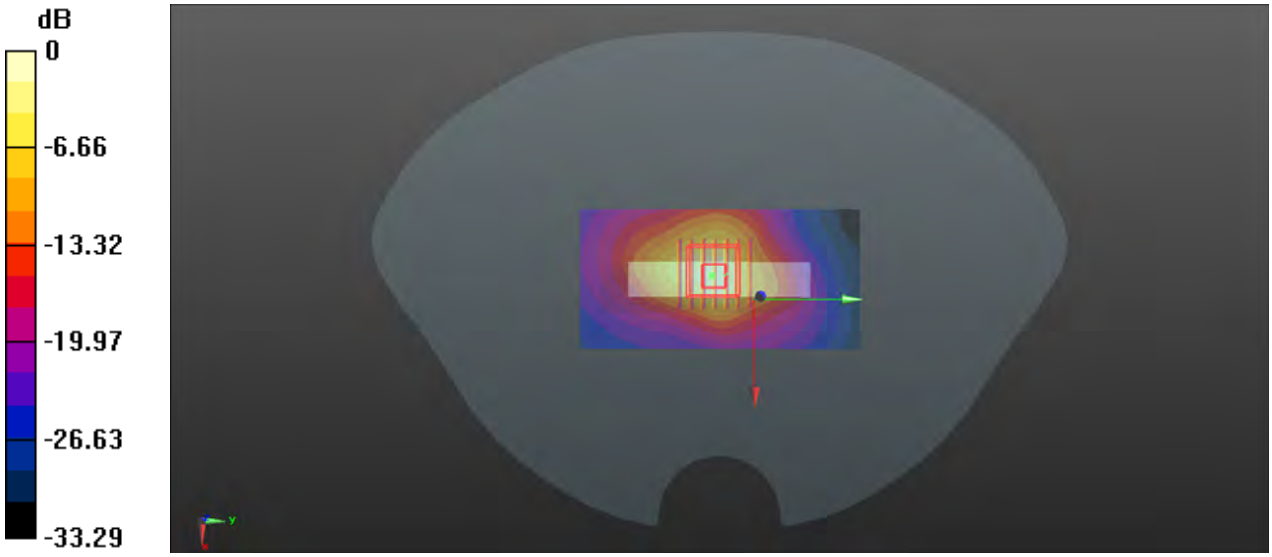
P63 LTE 7_QPSK20M_Bottom Side_0cm_Ch21350_1RB_OS0

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL2600_1027 Medium parameters used: f = 2560 MHz; σ = 1.868 S/m; ε_r = 39.243; ρ = 1000 kg/m^3
Ambient Temperature：23.8℃； Liquid Temperature：22.6℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3268; ConvF(4.42, 4.42, 4.42); Calibrated: 2021/8/24;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1288; Calibrated: 2021/8/20
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:1781
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

- Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 5.45 W/kg

- Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 57.849 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 11.3 W/kg
SAR(1 g) = 4.8 W/kg; SAR(10 g) = 1.8 W/kg
Maximum value of SAR (measured) = 5.79 W/kg



0 dB = 5.45 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/28

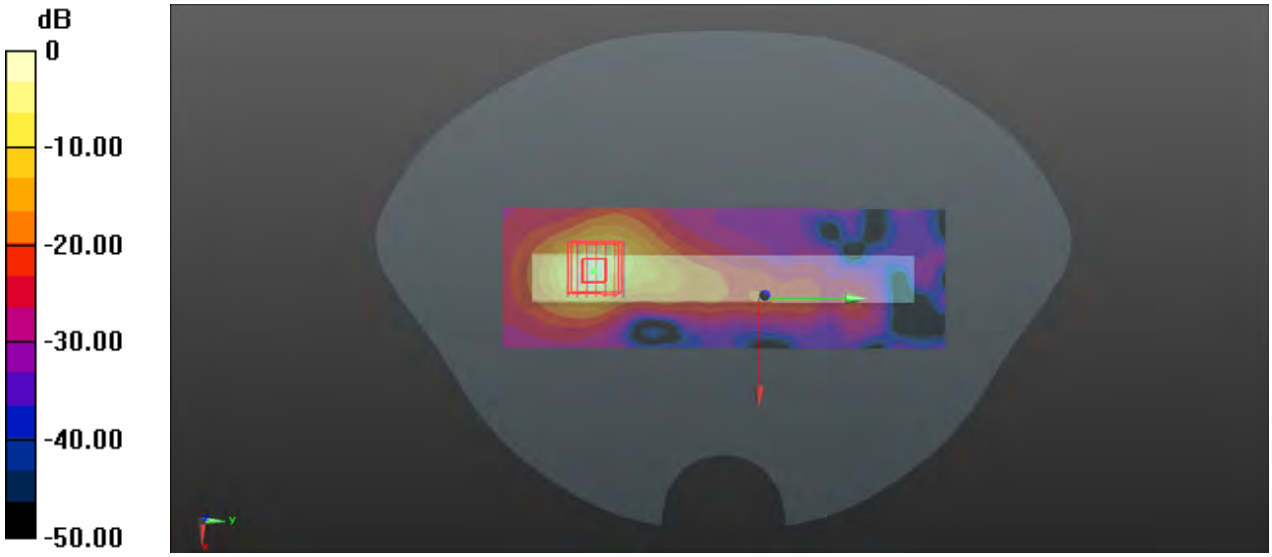
P64 WLAN5G_802.11a_Right Side_0cm_Ch60

Communication System: 802.11a; Frequency: 5300 MHz;Duty Cycle: 1:1.03
Medium: HSL5G_1028 Medium parameters used: f = 5300 MHz; σ = 4.795 S/m; ε_r = 36.17; ρ = 1000 kg/m^3
Ambient Temperature：23.6℃； Liquid Temperature：22.3℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3873; ConvF(4.8, 4.8, 4.8); Calibrated: 2021/8/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2021/6/22
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1610
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7164)

- Area Scan (61x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 12.5 W/kg

- Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.708 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 20.2 W/kg
SAR(1 g) = 4.82 W/kg; SAR(10 g) = 1.24 W/kg
Maximum value of SAR (measured) = 12.5 W/kg



0 dB = 12.5 W/kg

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2021/10/29

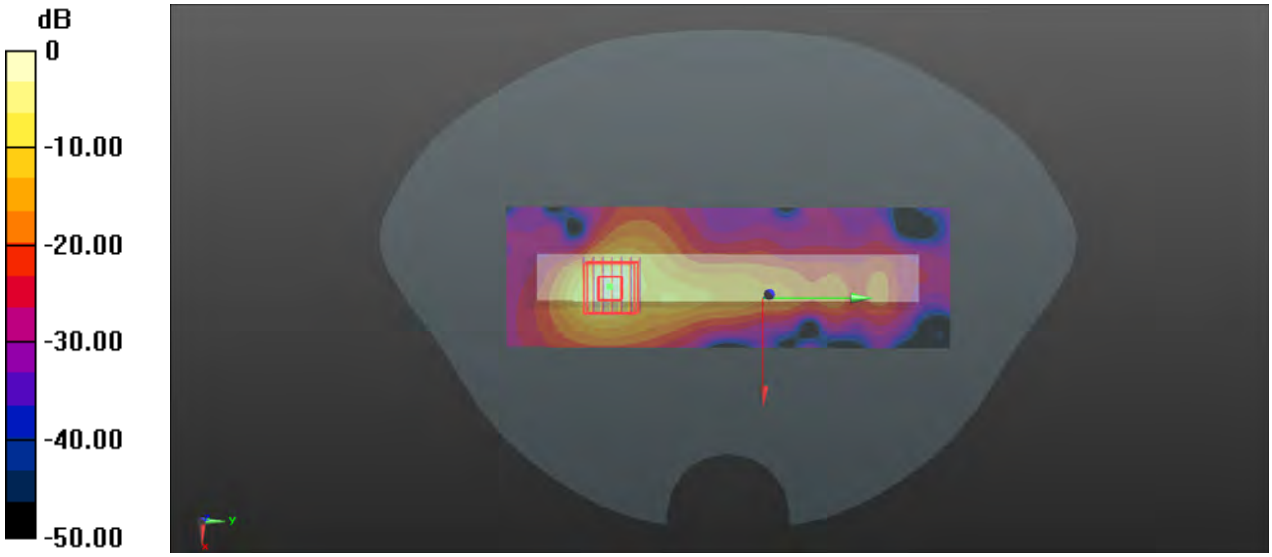
P65 WLAN5G_802.11a_Right Side_0cm_Ch144

Communication System: 802.11a; Frequency: 5720 MHz;Duty Cycle: 1:1.03
Medium: HSL5G_1029 Medium parameters used: f = 5720 MHz; σ = 5.229 S/m; ε_r = 35.566; ρ = 1000 kg/m^3
Ambient Temperature：23.4℃； Liquid Temperature：22.4℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3873; ConvF(4.49, 4.49, 4.49); Calibrated: 2021/8/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2021/6/22
- Phantom: SAM (Front) with CRP v5.0; Type: QD000P40CD; Serial: TP:1610
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7164)

- **Area Scan (61x191x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 10.3 W/kg

- **Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.861 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 20.7 W/kg
SAR(1 g) = 4.21 W/kg; SAR(10 g) = 1.06 W/kg
Maximum value of SAR (measured) = 11.5 W/kg



0 dB = 10.3 W/kg

Appendix C. Calibration Certificate for Probe and Dipole

The SPEAG calibration certificates are shown as follows.

In Collaboration with
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CALIBRATION LABORATORY
Add: No.52 HuanYuanBei Road, Haidian District, Beijing, 100191, Ch
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中国认可
国际互认
校准
CALIBRATION
CNAS L0570

Client **B.V.ADT** **Certificate No: Z21-60332**

CALIBRATION CERTIFICATE

Object	D750V3 - SN: 1067
Calibration Procedure(s)	FF-Z11-003-01 Calibration Procedures for dipole validation kits
Calibration date:	September 16, 2021

This calibration Certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22±3)°C and humidity<70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Calibrated by, Certificate No.)	Scheduled Calibration
Power Meter NRP2	106277	23-Sep-20 (CTTL, No.J20X08336)	Sep-21
Power sensor NRP8S	104291	23-Sep-20 (CTTL, No.J20X08336)	Sep-21
Reference Probe EX3DV4	SN 7517	03-Feb-21(CTTL-SPEAG,No.Z21-60001)	Feb-22
DAE4	SN 1556	15-Jan-21(SPEAG,No.DAE4-1556_Jan21)	Jan-22
Secondary Standards	**ID #**	**Cal Date (Calibrated by, Certificate No.)**	**Scheduled Calibration**
Signal Generator E4438C	MY49071430	01-Feb-21 (CTTL, No.J21X00593)	Jan-22
NetworkAnalyzer E5071C	MY46110673	14-Jan-21 (CTTL, No.J21X00232)	Jan-22

	Name	Function	Signature
Calibrated by:	Zhao Jing	SAR Test Engineer	
Reviewed by:	Lin Hao	SAR Test Engineer	
Approved by:	Qi Dianyuan	SAR Project Leader	

Issued: September 21, 2021

In Collaboration with
speag
CALIBRATION LABORATORY

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E-mail: cttl@chinattl.com http://www.chinattl.cn

Glossary:

TSL	tissue simulating liquid
ConvF	sensitivity in TSL / NORMx,y,z
N/A	not applicable or not measured

Calibration is Performed According to the Following Standards:

a) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013
b) IEC 62209-1, "Measurement procedure for assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices- Part 1: Device used next to the ear (Frequency range of 300MHz to 6GHz)", July 2016
c) IEC 62209-2, "Procedure to measure the Specific Absorption Rate (SAR) For wireless communication devices used in close proximity to the human body (frequency range of 30MHz to 6GHz)", March 2010
d) KDB865664, SAR Measurement Requirements for 100 MHz to 6 GHz

Additional Documentation:

e) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay:* One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of Measurement multiplied by the coverage factor k=2, which for a normal distribution Corresponds to a coverage probability of approximately 95%.

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E-mail: cttl@chinattl.com http://www.chinattl.cn

Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY52	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Triple Flat Phantom 5.1C	
Distance Dipole Center - TSL	15 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	750 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	**Permittivity**	**Conductivity**
Nominal Head TSL parameters	22.0 °C	42.0	0.90 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	42.1 ± 6 %	0.87 mho/m ± 6 %
Head TSL temperature change during test	<1.0 °C	----	----

SAR result with Head TSL

SAR averaged over 1 cm^3 (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	2.05 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**8.34 W/kg ± 18.8 % (*k*=2)**
SAR averaged over 10 cm^3 (10 g) of Head TSL	Condition	
SAR measured	250 mW input power	1.34 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**5.43 W/kg ± 18.7 % (*k*=2)**

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Appendix (Additional assessments outside the scope of CNAS L0570)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	55.7Ω- 1.83jΩ
Return Loss	- 25.0dB

General Antenna Parameters and Design

Electrical Delay (one direction)	0.939 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG