

Test Laboratory: HUAWEI SAR/HAC Lab

F285 DECT 2.4G 46CH Left hand touch cheek

DUT: FH28, HSF285; Type: DECT Handset; Serial: SAR1

Communication System: DECT(2.4G); Frequency: 2440.8 MHz; Duty Cycle: 1:13.5910

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 39.126$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.25, 7.25, 7.25); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0781 W/kg

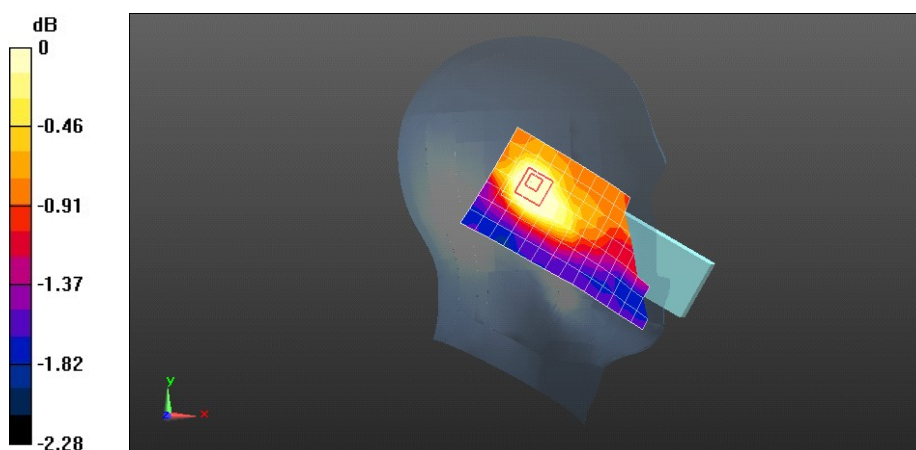
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.467 V/m; Power Drift = 0.01 dB

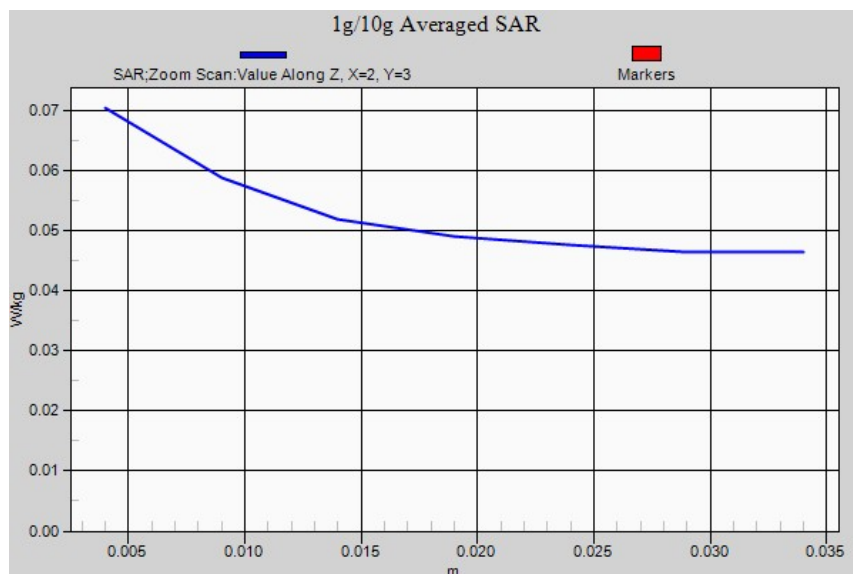
Peak SAR (extrapolated) = 0.0960 W/kg

SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.058 W/kg

Maximum value of SAR (measured) = 0.0703 W/kg



0 dB = 0.0703 W/kg = -11.53 dBW/kg



Test Laboratory: HUAWEI SAR/HAC Lab

F285 DECT 2.4G 46CH Left hand tilt 15 degree

DUT: FH28, HSF285; Type: DECT Handset; Serial: SAR1

Communication System: DECT(2.4G); Frequency: 2440.8 MHz; Duty Cycle: 1:13.5910

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 39.126$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.25, 7.25, 7.25); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0650 W/kg

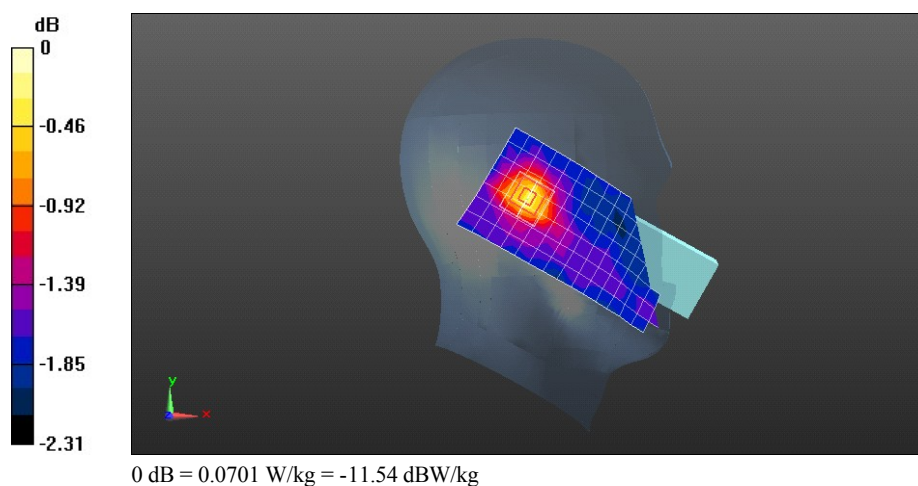
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.959 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.0920 W/kg

SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.057 W/kg

Maximum value of SAR (measured) = 0.0701 W/kg



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F285 DECT 2.4G 46CH Right hand touch cheek

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Communication System: DECT(2.4G); Frequency: 2440.8 MHz; Duty Cycle: 1:13.5910

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 39.126$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.25, 7.25, 7.25); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0615 W/kg

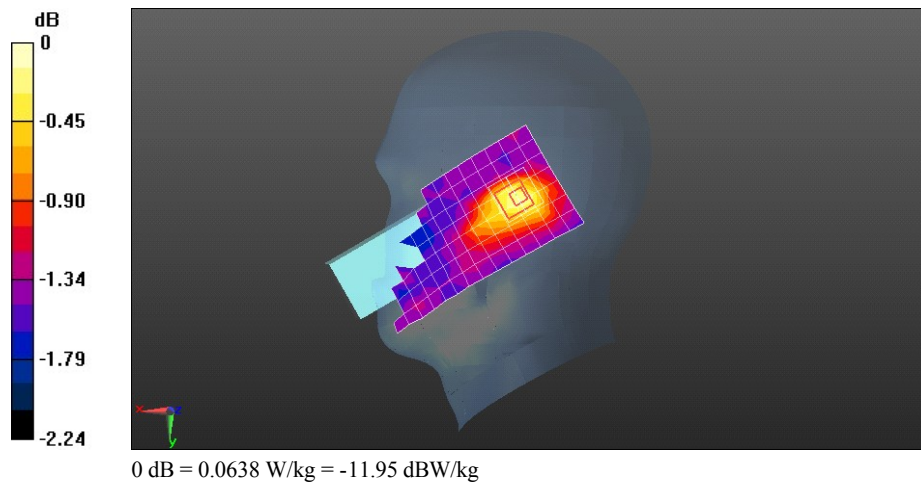
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.396 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0850 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.052 W/kg

Maximum value of SAR (measured) = 0.0638 W/kg



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F285 DECT 2.4G 46CH Right hand tilt 15 degree

DUT: FH28, HSF285; Type: DECT Handset; Serial: SAR1

Communication System: DECT(2.4G); Frequency: 2440.8 MHz; Duty Cycle: 1:13.5910

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 39.126$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.25, 7.25, 7.25); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0553 W/kg

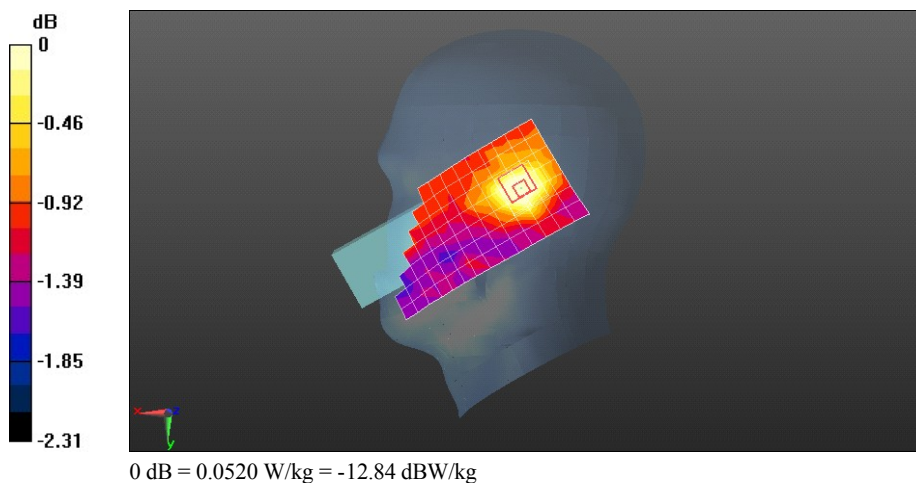
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.040 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.0780 W/kg

SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.043 W/kg

Maximum value of SAR (measured) = 0.0520 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

F285 DECT 2.4G 46CH Left hand touch cheek with battery 2#

DUT: FH28, HSF285; Type: DECT Handset; Serial: SAR1

Communication System: DECT(2.4G); Frequency: 2440.8 MHz; Duty Cycle: 1:13.5910

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 39.126$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.25, 7.25, 7.25); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0553 W/kg

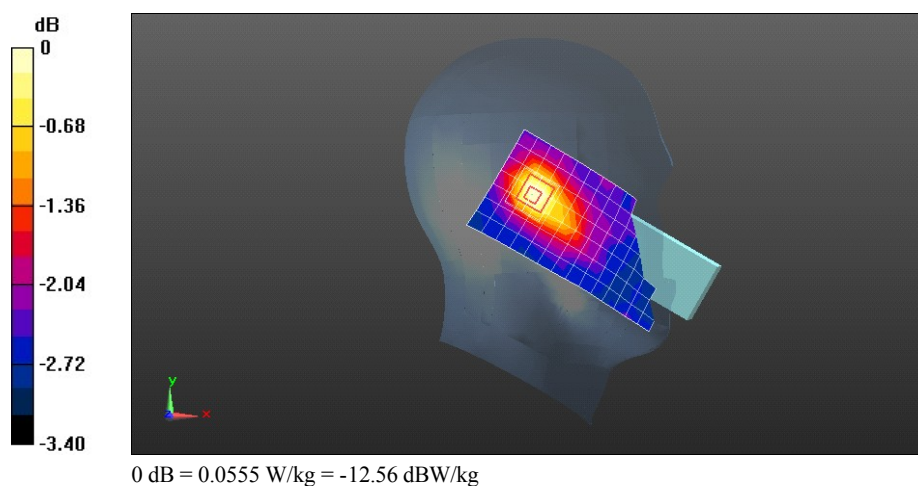
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.370 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.0900 W/kg

SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.0555 W/kg



Test Laboratory: HUAWEI SAR/HAC Lab

F285 DECT 2.4G 46CH Left hand touch cheek with battery 3#

DUT: FH28, HSF285; Type: DECT Handset; Serial: SAR1

Communication System: DECT(2.4G); Frequency: 2440.8 MHz; Duty Cycle: 1:13.5910

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 39.126$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.25, 7.25, 7.25); Calibrated: 2013-1-14;
- Sensor-Surface: 4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn852; Calibrated: 2012-11-22
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.4(1052); SEMCAD X 14.6.8(7028)

Configuration/Head/Area Scan (8x17x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.0495 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.971 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0760 W/kg

SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.038 W/kg

Maximum value of SAR (measured) = 0.0509 W/kg

