



# Appendix H

## Detailed Test Results

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Test Laboratory: SGS SAR Lab

**GSM850 GSM 190CH Right cheek**

**DUT: PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0207**

Communication System: UID 0, GSM Only Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium: HSL850; Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.912$  S/m;  $\epsilon_r = 42.17$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(10.5, 10.5, 10.5); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: Twin phantom; Type: SAM1; Serial: 1141
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Head/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.464 W/kg

**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

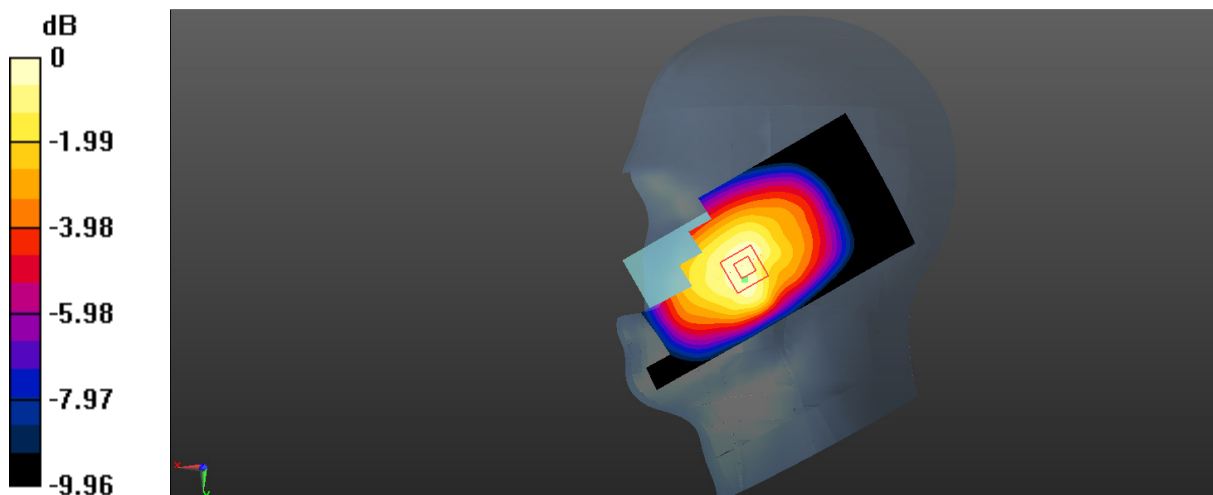
$dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 10.96 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.524 W/kg

**SAR(1 g) = 0.397 W/kg; SAR(10 g) = 0.294 W/kg**

Maximum value of SAR (measured) = 0.459 W/kg



0 dB = 0.459 W/kg = -3.38 dBW/kg

Date: 2018/3/17

Test Laboratory: SGS-SAR Lab

### GSM850 GSM 189CH Front side 15mm With SIM2

**DUT: Hytera PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0223**

Communication System: UID 0, GSM Only Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium: MSL835; Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.99$  S/m;  $\epsilon_r = 54.318$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(10.58, 10.58, 10.58); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -1.0, 32.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: ELI v5.0 Left ; Type: ELI V5.0 ; Serial: TP:1239
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.336 W/kg

**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

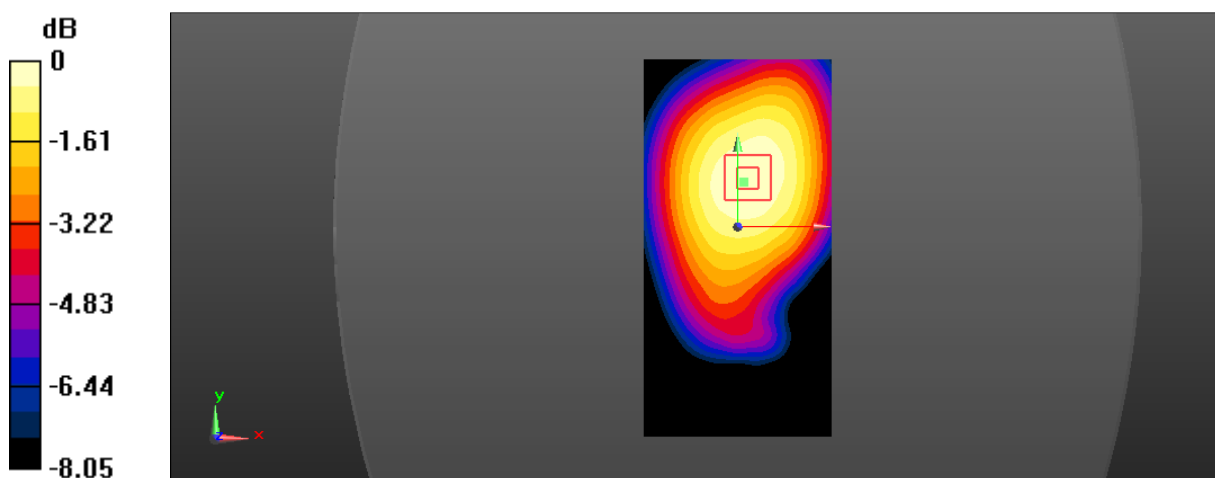
$dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 15.53 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.394 W/kg

**SAR(1 g) = 0.284 W/kg; SAR(10 g) = 0.214 W/kg**

Maximum value of SAR (measured) = 0.338 W/kg



0 dB = 0.338 W/kg = -4.71 dBW/kg

Date: 2018/3/17

Test Laboratory: SGS-SAR Lab

**GSM850 GPRS 4TS 189CH Front side 10mm With SIM2**

**DUT: Hytera PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0223**

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.0797

Medium: MSL835; Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.99$  S/m;  $\epsilon_r = 54.318$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(10.58, 10.58, 10.58); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -1.0, 32.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: ELI v5.0 Left ; Type: ELI V5.0 ; Serial: TP:1239
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

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

**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

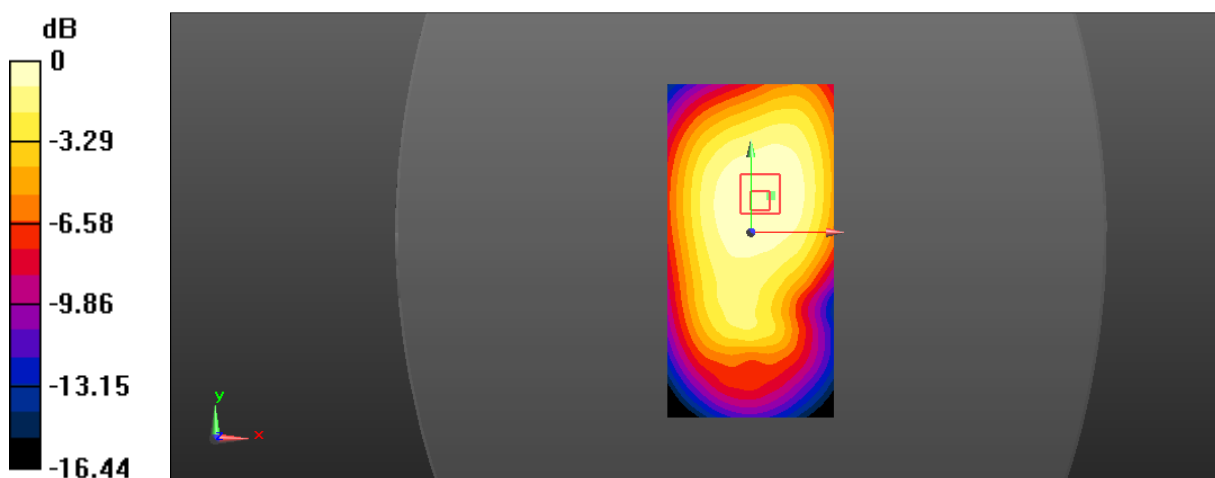
$dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 19.59 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.559 W/kg

**SAR(1 g) = 0.417 W/kg; SAR(10 g) = 0.314 W/kg**

Maximum value of SAR (measured) = 0.489 W/kg



0 dB = 0.489 W/kg = -3.11 dBW/kg

Date: 2018/3/14

Test Laboratory: SGS-SAR Lab

### GSM1900 GSM 661CH left cheek

**DUT: Hytera PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0223**

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

Medium: HSL1900; Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.368$  S/m;  $\epsilon_r = 40.662$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(8.75, 8.75, 8.75); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -1.0, 32.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: Twin Phantom; Type: SAM1; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Head/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.422 W/kg

**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

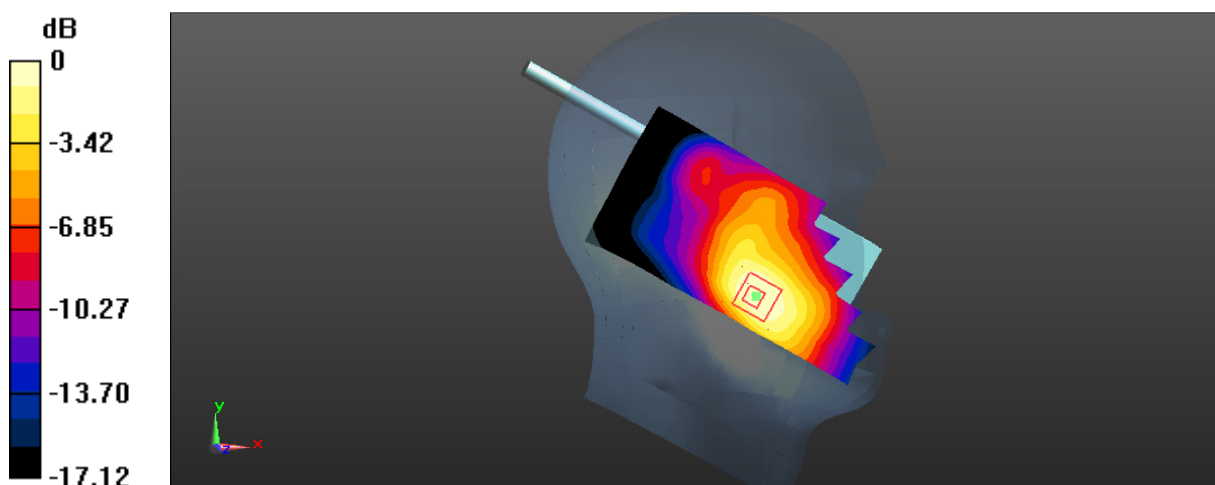
$dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.891 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.604 W/kg

**SAR(1 g) = 0.368 W/kg; SAR(10 g) = 0.220 W/kg**

Maximum value of SAR (measured) = 0.399 W/kg



0 dB = 0.399 W/kg = -3.99 dBW/kg

Date: 2018/3/15

Test Laboratory: SGS-SAR Lab

### GSM1900 GSM 661CH Front side 15mm

**DUT: Hytera PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0223**

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

Medium: MSL1900; Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.505$  S/m;  $\epsilon_r = 53.495$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(8.44, 8.44, 8.44); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -1.0, 32.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: ELI v5.0 Left ; Type: ELI V5.0 ; Serial: TP:1239
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.195 W/kg

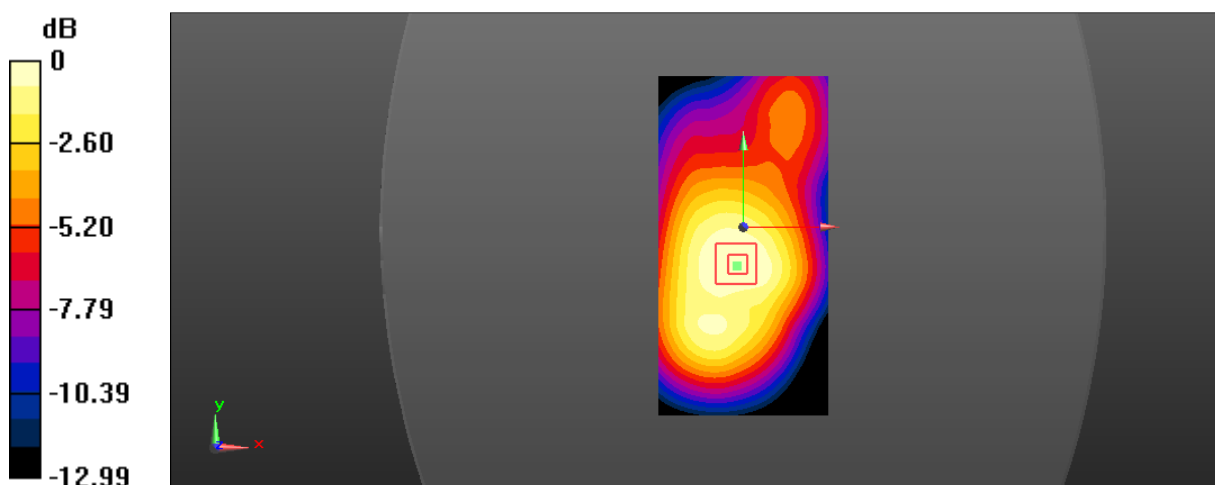
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 9.399 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.238 W/kg

**SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.098 W/kg**

Maximum value of SAR (measured) = 0.193 W/kg



0 dB = 0.193 W/kg = -7.14 dBW/kg

Date: 2018/3/15

Test Laboratory: SGS-SAR Lab

### GSM1900 GPRS 4TS 661CH Left side 10mm

**DUT: Hytera PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0223**

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 1880 MHz; Duty Cycle: 1:2.0797

Medium: MSL1900; Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.505$  S/m;  $\epsilon_r = 53.495$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(8.44, 8.44, 8.44); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -1.0, 32.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: ELI v5.0 Left ; Type: ELI V5.0 ; Serial: TP:1239
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (41x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.732 W/kg

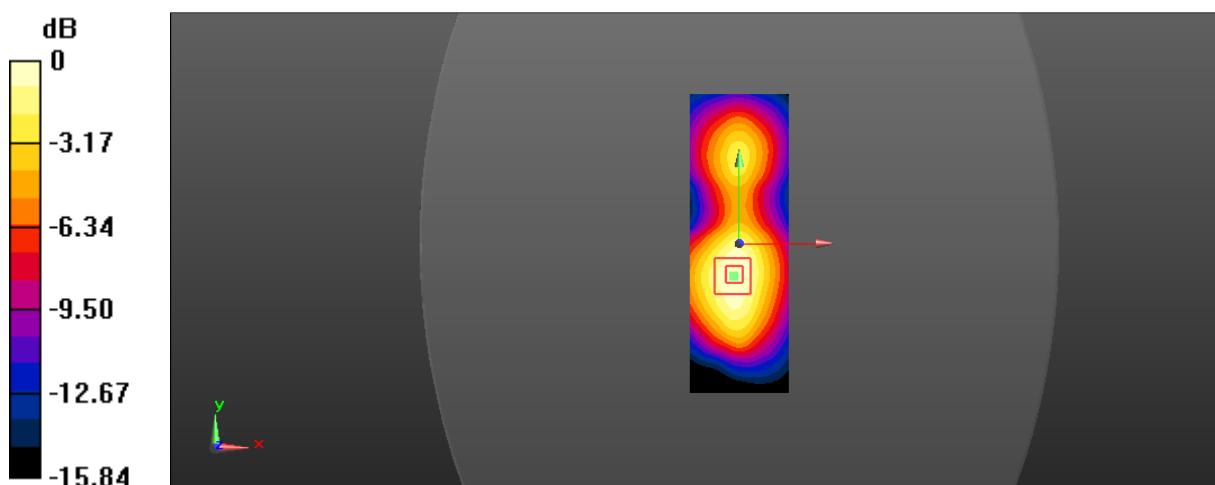
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 16.17 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.912 W/kg

**SAR(1 g) = 0.535 W/kg; SAR(10 g) = 0.318 W/kg**

Maximum value of SAR (measured) = 0.716 W/kg



0 dB = 0.716 W/kg = -1.45 dBW/kg

Date: 2018/3/13

Test Laboratory: SGS-SAR Lab

**CDMA2000 BC0 RC3 SO55 384CH Left cheek**

**DUT: Hytera PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0203**

Communication System: UID 0, CDMA (0); Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.887$  S/m;  $\epsilon_r = 40.836$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(10.50, 10.50, 10.50); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: Twin Phantom; Type: SAM1; Serial: 1141
- D ASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Head/Area Scan (71x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.613 W/kg

**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

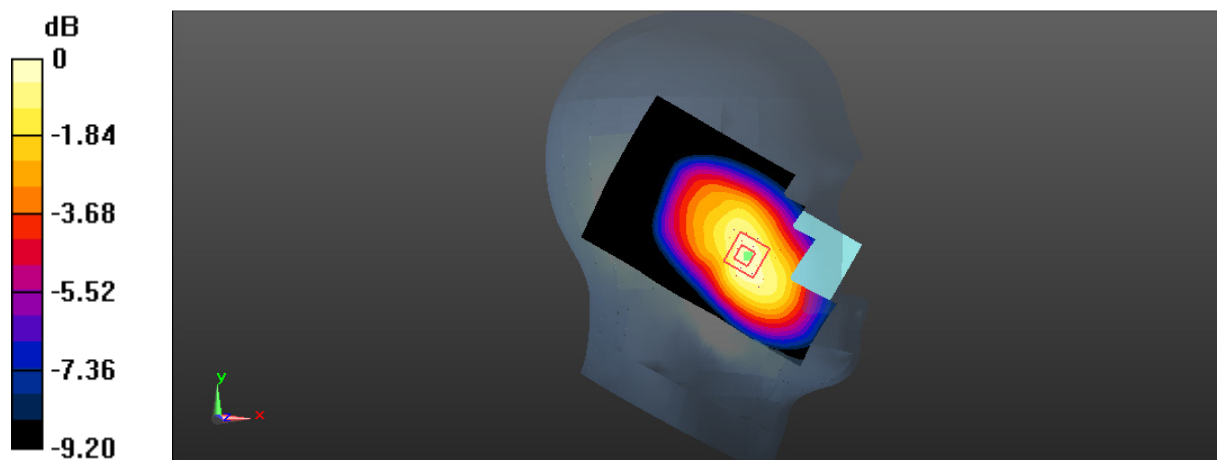
$dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 11.85 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.695 W/kg

**SAR(1 g) = 0.518 W/kg; SAR(10 g) = 0.379 W/kg**

Maximum value of SAR (measured) = 0.605 W/kg



0 dB = 0.605 W/kg = -2.18 dBW/kg



Date: 2018/3/17

Test Laboratory: SGS-SAR Lab

**CDMA2000 BC0 RC3 SO32 384CH Front side 15mm**

**DUT: Hytera PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0203**

Communication System: UID 0, CDMA (0); Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL835; Medium parameters used:  $f = 837$  MHz;  $\sigma = 1.014$  S/m;  $\epsilon_r = 54.429$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(10.58, 10.58, 10.58); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: Twin Phantom; Type: SAM1; Serial: 1141
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (71x131x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.534 W/kg

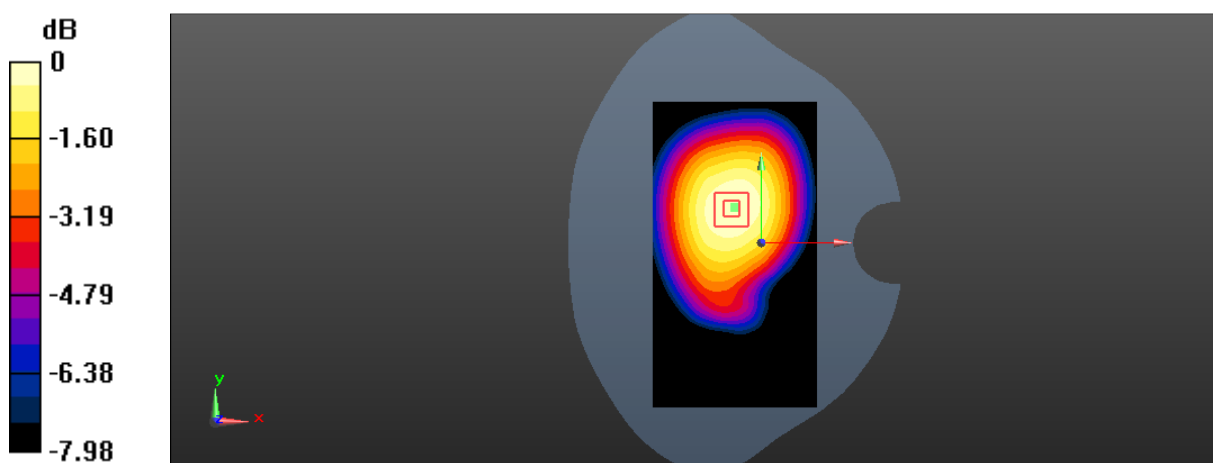
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  
 $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 20.27 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.590 W/kg

**SAR(1 g) = 0.462 W/kg; SAR(10 g) = 0.348 W/kg**

Maximum value of SAR (measured) = 0.535 W/kg



0 dB = 0.535 W/kg = -2.72 dBW/kg

Date: 2018/3/17

Test Laboratory: SGS-SAR Lab

**CDMA2000 BC0 RC3 SO32 384CH Front side 10mm**

**DUT: Hytera PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0203**

Communication System: UID 0, CDMA (0); Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL835; Medium parameters used:  $f = 837$  MHz;  $\sigma = 1.014$  S/m;  $\epsilon_r = 54.429$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(10.58, 10.58, 10.58); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: Twin Phantom; Type: SAM1; Serial: 1141
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (71x131x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.641 W/kg

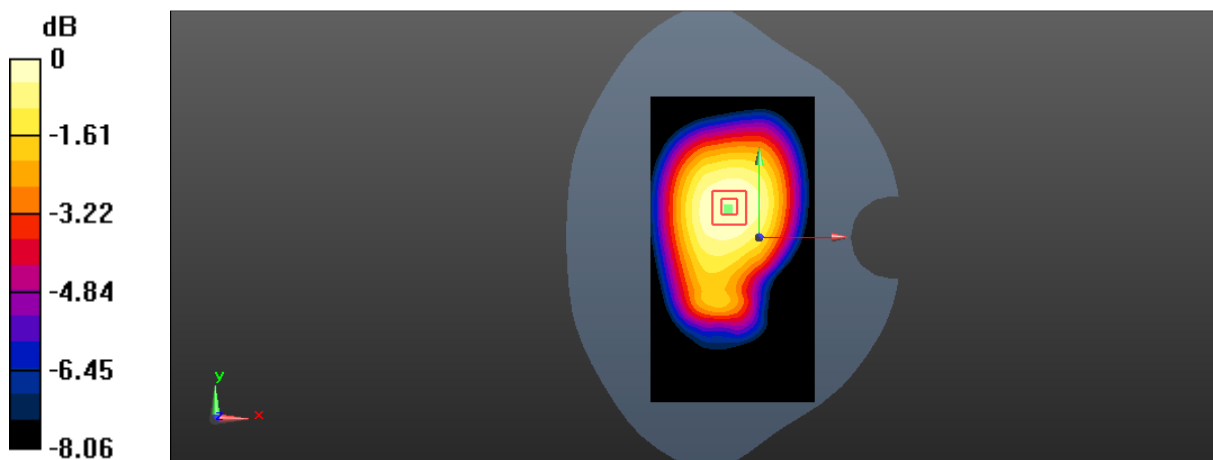
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  
 $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 22.50 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.697 W/kg

**SAR(1 g) = 0.553 W/kg; SAR(10 g) = 0.423 W/kg**

Maximum value of SAR (measured) = 0.634 W/kg



0 dB = 0.634 W/kg = -1.98 dBW/kg

Date: 2018/3/14

Test Laboratory: SGS-SAR Lab

**LTE Band 2 20MHz bandwidth QPSK 1RB50 Offset 18900CH Left cheek**

**DUT: Hytera PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0223**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL1900; Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.368$  S/m;  $\epsilon_r = 40.662$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(8.44, 8.44, 8.44); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -1.0, 32.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: Twin Phantom; Type: SAM1; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Head/Area Scan (61x111x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.687 W/kg

**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

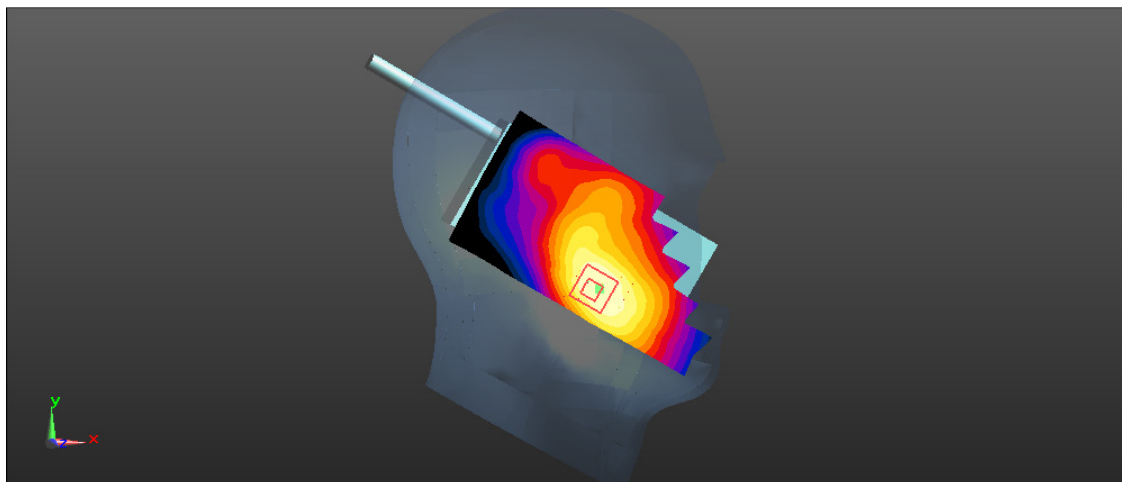
$dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 5.991 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.636 W/kg; SAR(10 g) = 0.381 W/kg**

Maximum value of SAR (measured) = 0.664 W/kg



0 dB = 0.664 W/kg = -1.78 dBW/kg

Date: 2018/3/15

Test Laboratory: SGS-SAR Lab

**LTE Band 2 20MHz bandwidth QPSK 1RB50 Offset 18900CH Front side 15mm**

**DUT: Hytera PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0223**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL1900; Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.505$  S/m;  $\epsilon_r = 53.495$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(8.44, 8.44, 8.44); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -1.0, 32.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: ELI v5.0 Left ; Type: ELI V5.0 ; Serial: TP:1239
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.326 W/kg

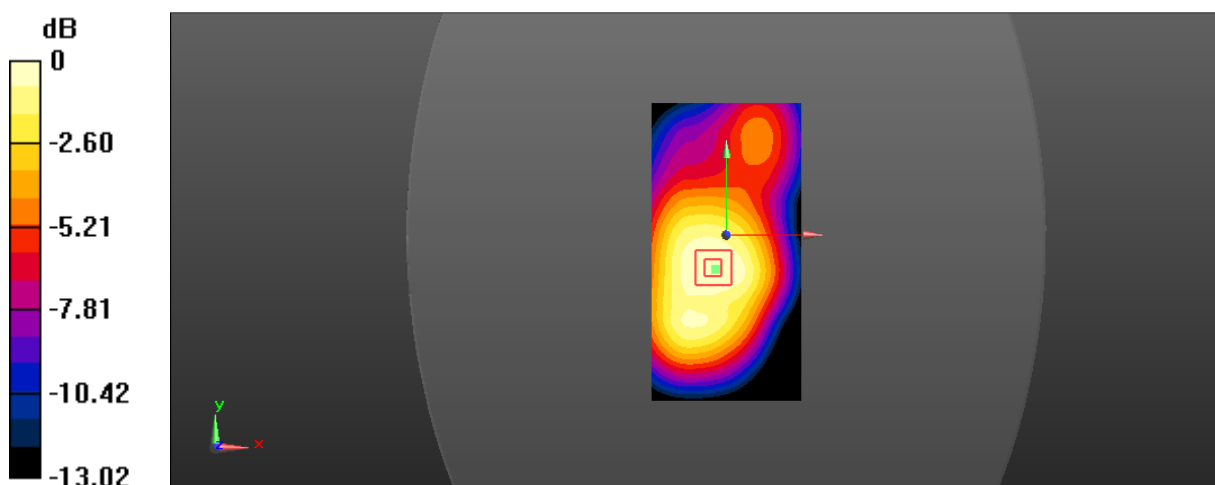
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 11.43 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.404 W/kg

**SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.167 W/kg**

Maximum value of SAR (measured) = 0.325 W/kg



0 dB = 0.325 W/kg = -4.88 dBW/kg

Date: 2018/3/15

Test Laboratory: SGS-SAR Lab

**LTE Band 2 20MHz bandwidth QPSK 1RB50 Offset 18900CH Left side 10mm**

**DUT: Hytera PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0223**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1880 MHz;Duty Cycle: 1:1

Medium: MSL1900;Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.505$  S/m;  $\epsilon_r = 53.495$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(8.44, 8.44, 8.44); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -1.0, 32.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: ELI v5.0 Left ; Type: ELI V5.0 ; Serial: TP:1239
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (41x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.916 W/kg

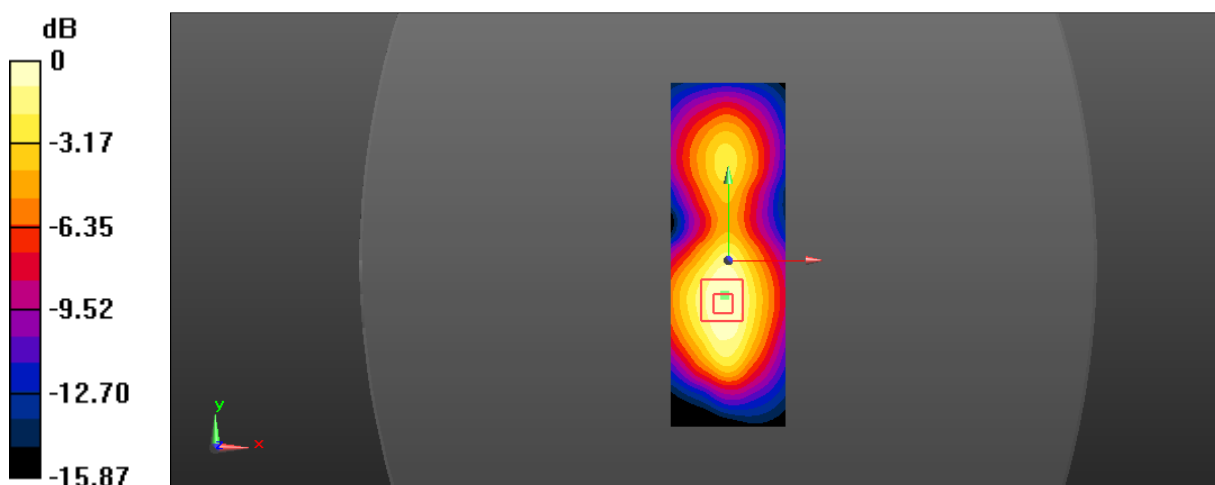
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 17.47 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.631 W/kg; SAR(10 g) = 0.377 W/kg**

Maximum value of SAR (measured) = 0.865 W/kg



0 dB = 0.865 W/kg = -0.63 dBW/kg

Date: 2018/3/14

Test Laboratory: SGS-SAR Lab

**LTE Band 4 20MHz bandwidth QPSK 1RB50 Offset 20175CH Left cheek**

**DUT: Hytera PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0223**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.312$  S/m;  $\epsilon_r = 38.553$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(9.13, 9.13, 9.13); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -1.0, 32.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: Twin Phantom; Type: SAM1; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Head/Area Scan (61x111x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.320 W/kg

**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

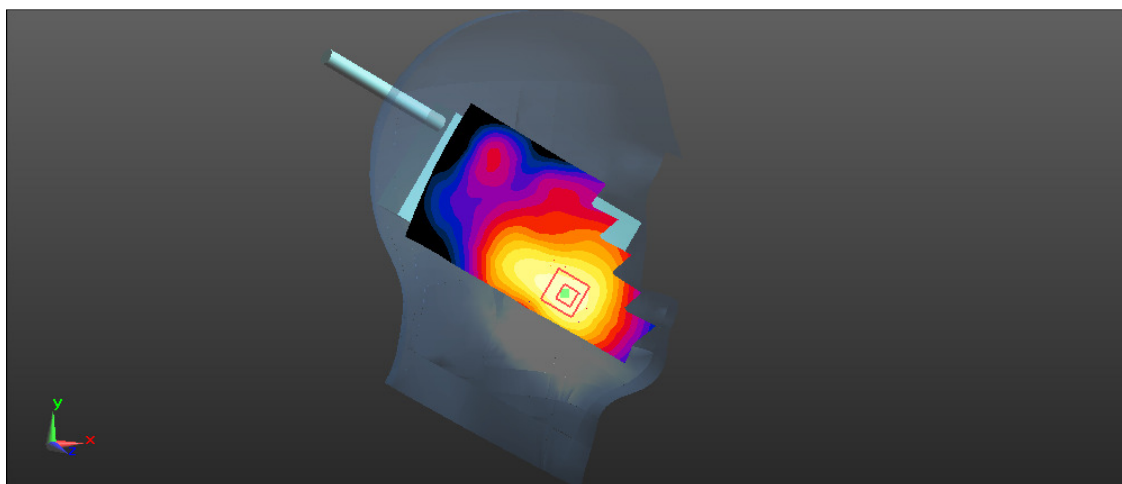
$dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 5.240 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.443 W/kg

**SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.188 W/kg**

Maximum value of SAR (measured) = 0.322 W/kg



0 dB = 0.322 W/kg = -4.92 dBW/kg

Date: 2018/3/15

Test Laboratory: SGS-SAR Lab

**LTE Band 4 20MHz bandwidth QPSK 1RB50 Offset 20175CH Front side 15mm**

**DUT: Hytera PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0223**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL1750; Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.524$  S/m;  $\epsilon_r = 52.988$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(8.79, 8.79, 8.79); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -1.0, 32.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: ELI v5.0 Left ; Type: ELI V5.0 ; Serial: TP:1239
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.475 W/kg

**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

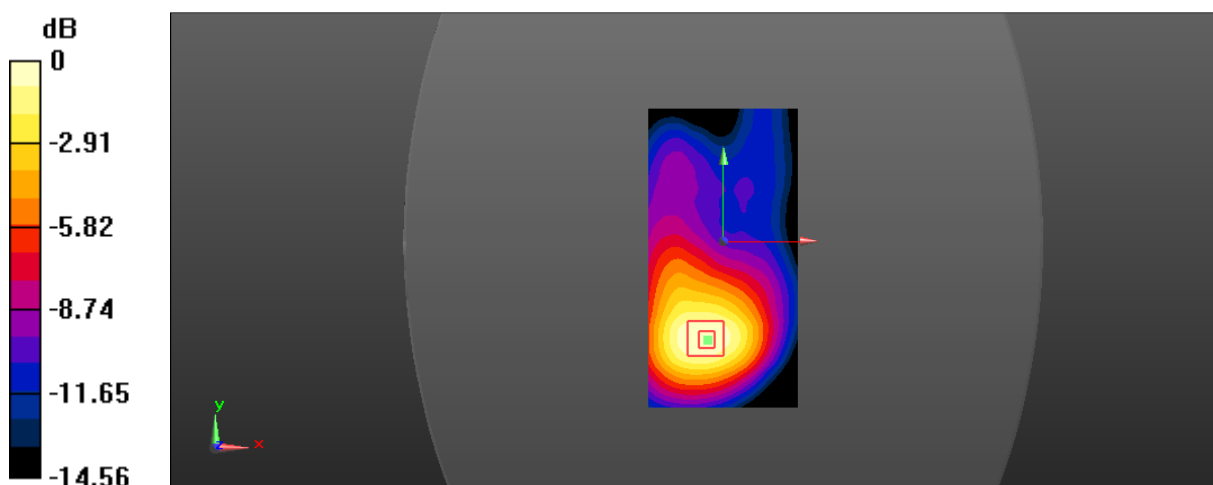
$dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.996 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.577 W/kg

**SAR(1 g) = 0.352 W/kg; SAR(10 g) = 0.217 W/kg**

Maximum value of SAR (measured) = 0.465 W/kg



0 dB = 0.465 W/kg = -3.33 dBW/kg

Date: 2018/3/15

Test Laboratory: SGS-SAR Lab

**LTE Band 4 20MHz bandwidth QPSK 1RB50 Offset 20300CH Bottom side 10mm**

**DUT: Hytera PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0223**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1745 MHz;Duty Cycle: 1:1

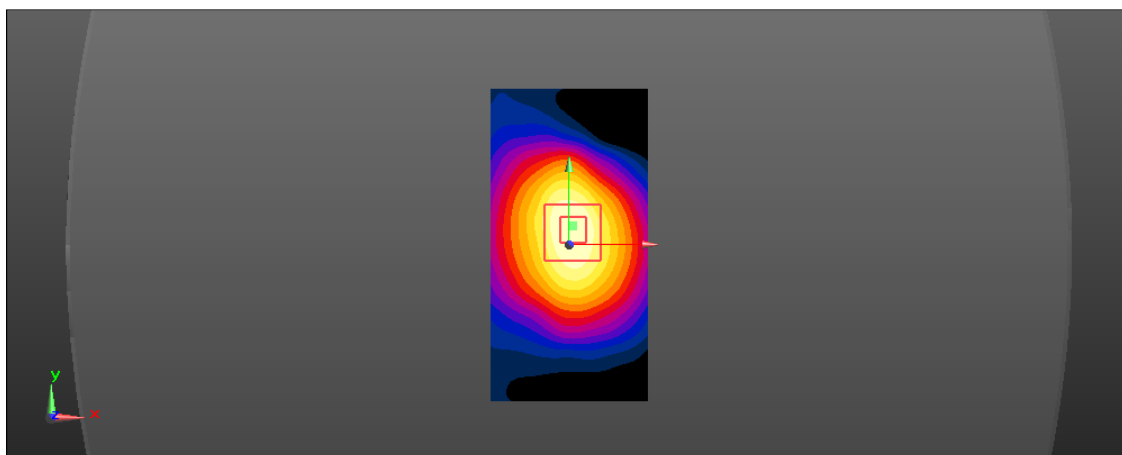
Medium: MSL1750;Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.55$  S/m;  $\epsilon_r = 53.09$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(8.79, 8.79, 8.79); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -1.0, 32.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: ELI v5.0 Left ; Type: ELI V5.0 ; Serial: TP:1239
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (41x81x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 1.52 W/kg

**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  
 $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 26.64 V/m; Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 1.84 W/kg  
**SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.573 W/kg**  
Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 1.41 W/kg = 1.49 dBW/kg



Test Laboratory: SGS SAR Lab

**LTE Band 5 10M bandwidth 1RB25 offset 20525CH Right cheek**

**DUT: PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0207**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 836.5 MHz;Duty Cycle: 1:1

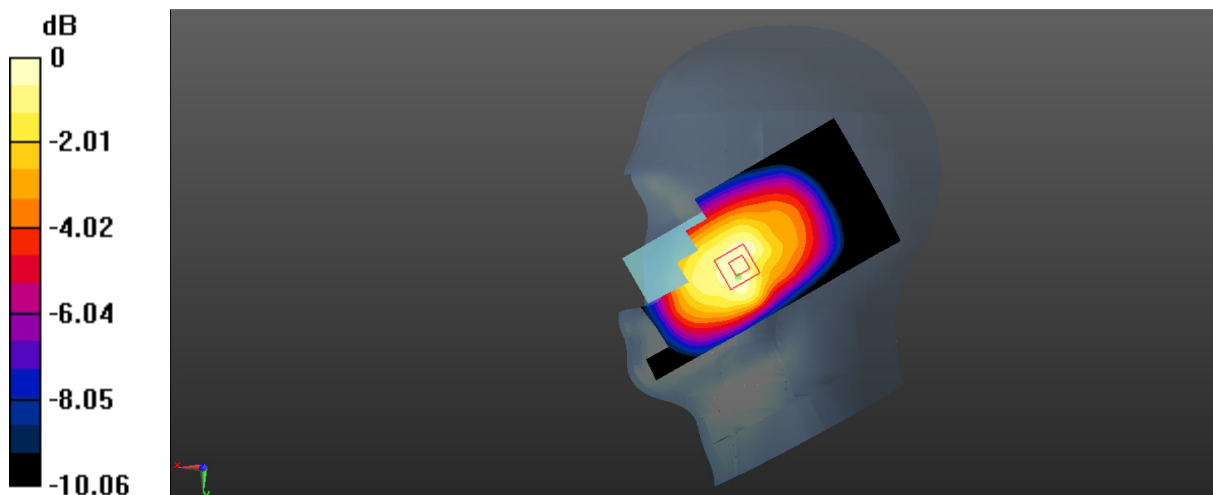
Medium: HSL850;Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.908$  S/m;  $\epsilon_r = 42.203$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(10.5, 10.5, 10.5); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: Twin phantom; Type: SAM1; Serial: 1141
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Head/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 0.448 W/kg

**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 11.67 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 0.512 W/kg  
**SAR(1 g) = 0.387 W/kg; SAR(10 g) = 0.288 W/kg**  
Maximum value of SAR (measured) = 0.449 W/kg



0 dB = 0.449 W/kg = -3.48 dBW/kg

Date: 2018/3/17

Test Laboratory: SGS-SAR Lab

**LTE Band 5 10MHz bandwidth QPSK 1RB25 Offset 20525CH Front side 15mm**

**DUT: Hytera PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0223**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium: MSL835;Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.987$  S/m;  $\epsilon_r = 54.311$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(10.58, 10.58, 10.58); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -1.0, 32.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: ELI v5.0 Left ; Type: ELI V5.0 ; Serial: TP:1239
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.304 W/kg

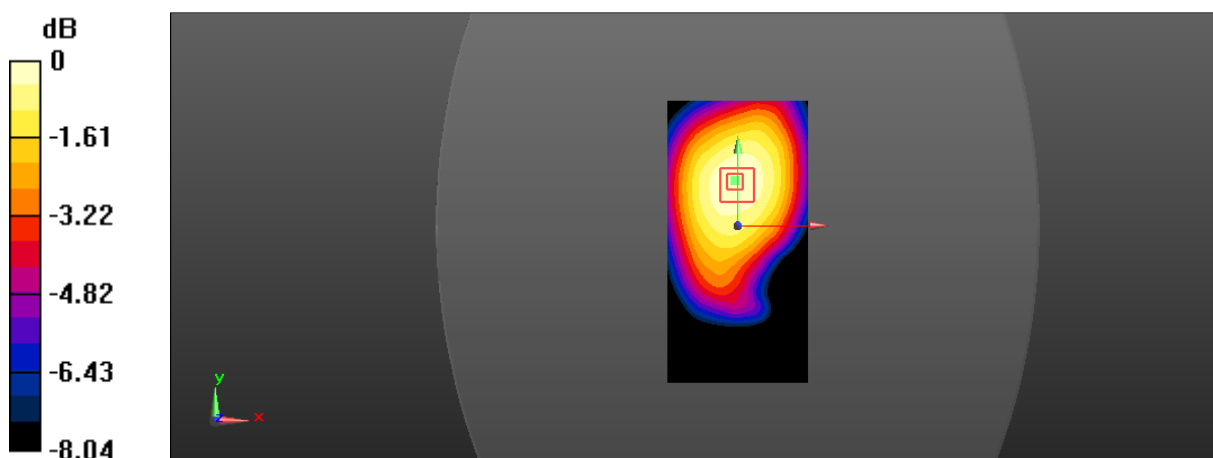
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 14.96 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.358 W/kg

**SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.195 W/kg**

Maximum value of SAR (measured) = 0.310 W/kg



0 dB = 0.310 W/kg = -5.09 dBW/kg

Date: 2018/3/17

Test Laboratory: SGS-SAR Lab

**LTE Band 5 10MHz bandwidth QPSK 1RB25 Offset 20525CH Front side 10mm**

**DUT: Hytera PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0223**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: MSL835; Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.987$  S/m;  $\epsilon_r = 54.311$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(10.58, 10.58, 10.58); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -1.0, 32.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: ELI v5.0 Left ; Type: ELI V5.0 ; Serial: TP:1239
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.373 W/kg

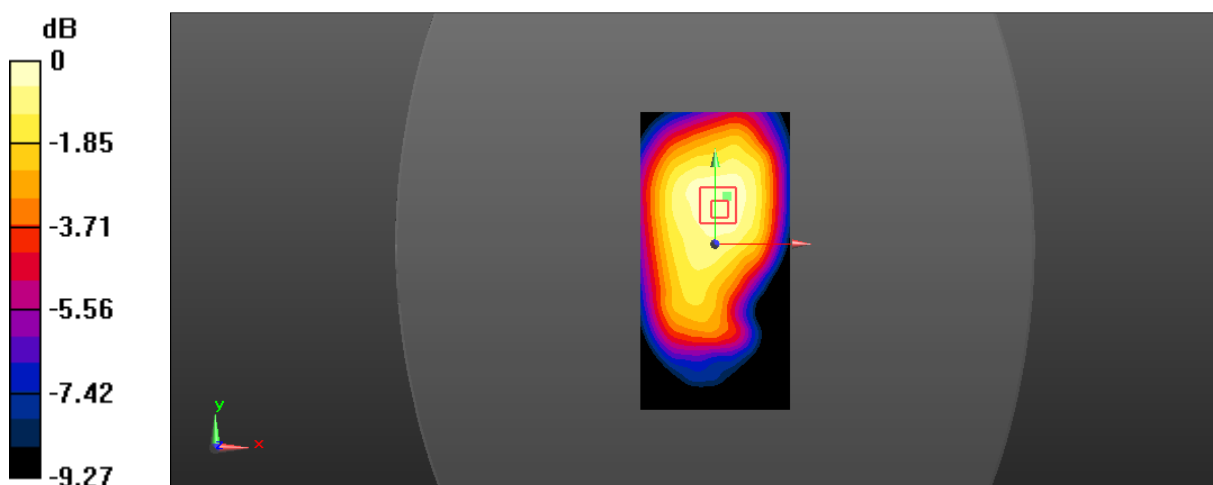
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 14.63 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.442 W/kg

**SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.235 W/kg**

Maximum value of SAR (measured) = 0.381 W/kg



0 dB = 0.381 W/kg = -4.19 dBW/kg

Date: 2018/3/22

Test Laboratory: SGS-SAR Lab

**LTE Band 7 20MHz bandwidth QPSK 1RB50 Offset 21350CH Right cheek**

**DUT: Hytera PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0223**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.936$  S/m;  $\epsilon_r = 39.078$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.64, 7.64, 7.64); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -1.0, 32.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: Twin Phantom; Type: SAM1; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Head/Area Scan (81x141x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 1.92 W/kg

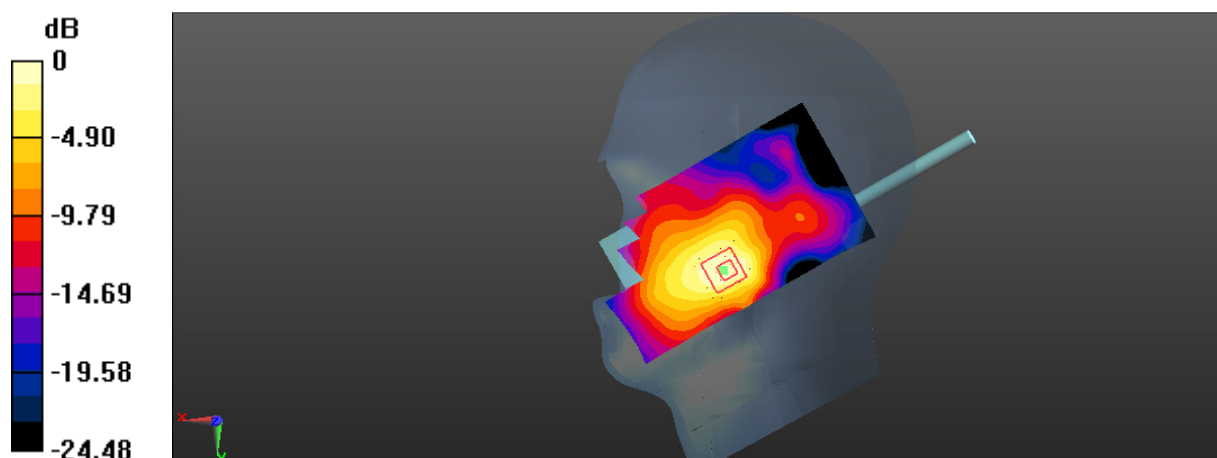
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 5.539 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.46 W/kg

**SAR(1 g) = 1.3 W/kg; SAR(10 g) = 0.687 W/kg**

Maximum value of SAR (measured) = 1.82 W/kg



0 dB = 1.82 W/kg = 2.60 dBW/kg

Date: 2018/3/20

Test Laboratory: SGS SAR Lab

**LTE Band 7 20M Bandwidth QPSK 1RB50 21100CH Back side 15mm**

**DUT: PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0207**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: MSL2600; Medium parameters used:  $f = 2535$  MHz;  $\sigma = 2.07$  S/m;  $\epsilon_r = 52.281$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.78, 7.78, 7.78); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: Twin phantom; Type: SAM1; Serial: 1141
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (81x151x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.621 W/kg

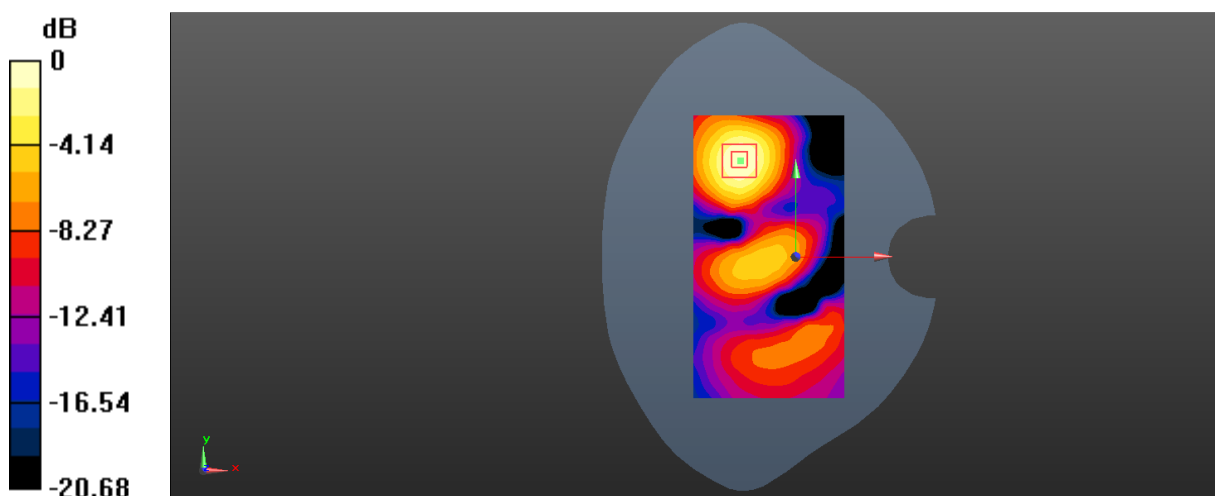
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.265 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.762 W/kg

**SAR(1 g) = 0.414 W/kg; SAR(10 g) = 0.219 W/kg**

Maximum value of SAR (measured) = 0.579 W/kg



0 dB = 0.579 W/kg = -2.37 dBW/kg

Date: 2018/3/20

Test Laboratory: SGS SAR Lab

**LTE Band 7 20M Bandwidth QPSK 1RB50 20850CH Back side 10mm**

**DUT: PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0207**

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: MSL2600; Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.042$  S/m;  $\epsilon_r = 52.381$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.78, 7.78, 7.78); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: Twin phantom; Type: SAM1; Serial: 1141
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (81x151x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 1.12 W/kg

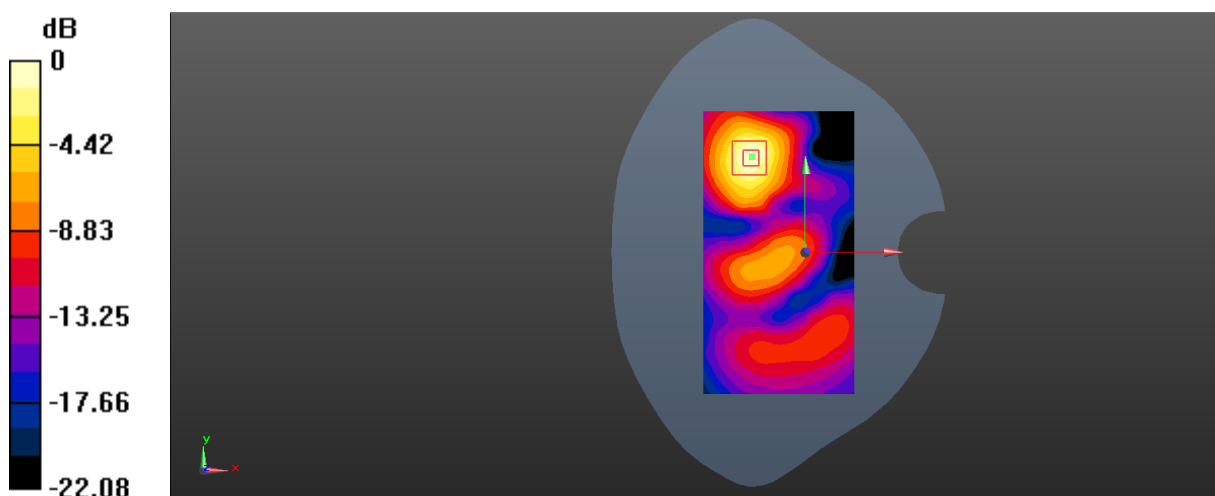
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 9.460 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.49 W/kg

**SAR(1 g) = 0.744 W/kg; SAR(10 g) = 0.363 W/kg**

Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.10 W/kg = 0.41 dBW/kg

Date: 2018/3/13

Test Laboratory: SGS-SAR Lab

**LTE Band 26 15MHz bandwidth QPSK 1RB38 Offset 26865CH Left cheek**

**DUT: Hytera PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0223**

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.904$  S/m;  $\epsilon_r = 42.17$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(10.50, 10.50, 10.50); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -1.0, 32.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: Twin Phantom; Type: SAM1; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Head/Area Scan (61x111x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.362 W/kg

**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

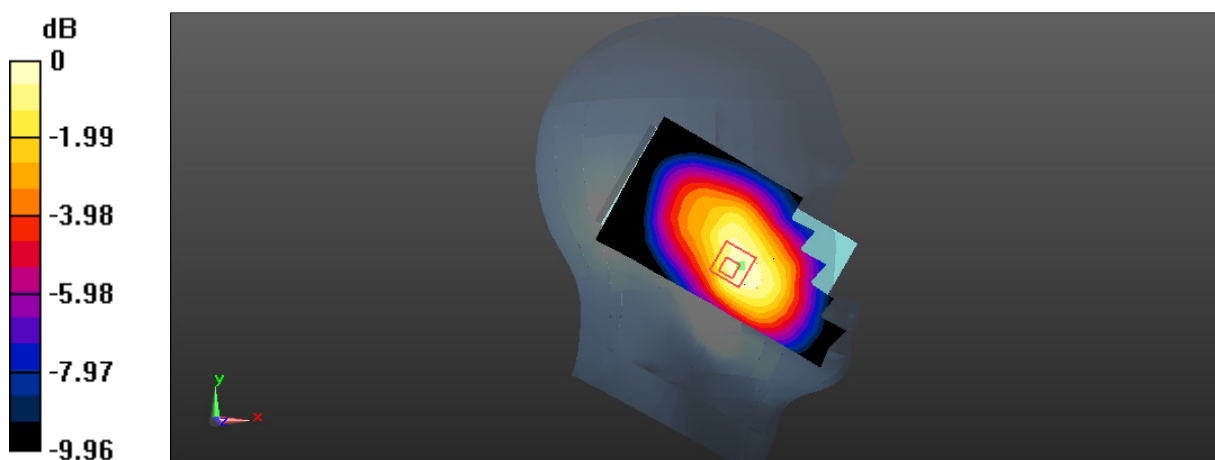
$dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 9.962 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.456 W/kg

**SAR(1 g) = 0.336 W/kg; SAR(10 g) = 0.244 W/kg**

Maximum value of SAR (measured) = 0.350 W/kg



0 dB = 0.350 W/kg = -4.56 dBW/kg

Date: 2018/3/17

Test Laboratory: SGS-SAR Lab

**LTE Band 26 15MHz bandwidth QPSK 1RB38 Offset 26865CH Front side 15mm**

**DUT: Hytera PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0223**

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: MSL835; Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.981$  S/m;  $\epsilon_r = 54.37$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(10.58, 10.58, 10.58); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -1.0, 32.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: ELI v5.0 Left ; Type: ELI V5.0 ; Serial: TP:1239
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.321 W/kg

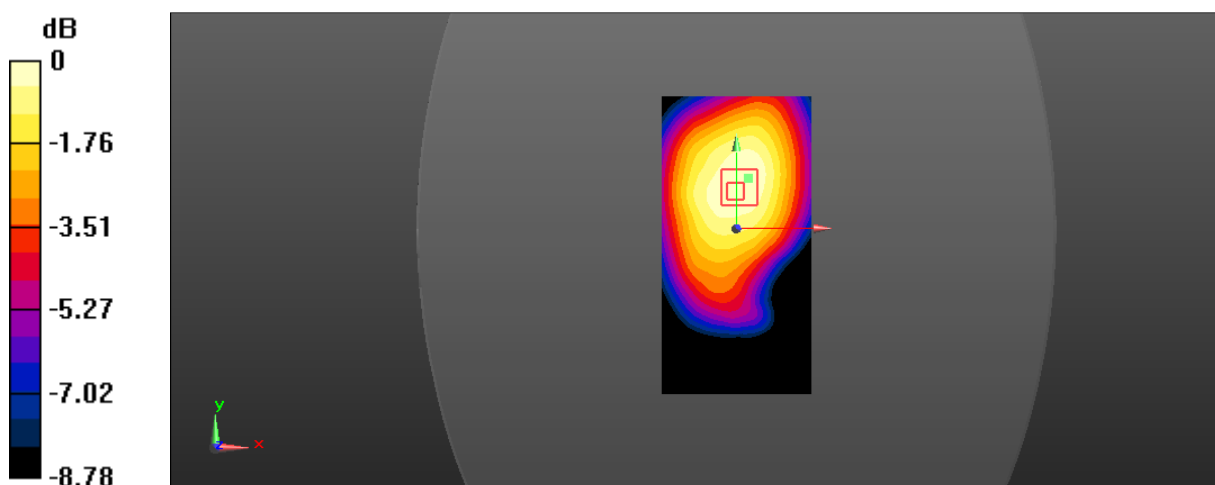
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 14.89 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.379 W/kg

**SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.202 W/kg**

Maximum value of SAR (measured) = 0.327 W/kg



0 dB = 0.327 W/kg = -4.85 dBW/kg



Date: 2018/3/17

Test Laboratory: SGS-SAR Lab

**LTE Band 26 15MHz bandwidth QPSK 1RB38 Offset 26865CH Front side 10mm**

**DUT: Hytera PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0223**

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: MSL835; Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.981$  S/m;  $\epsilon_r = 54.37$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(10.58, 10.58, 10.58); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -1.0, 32.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: ELI v5.0 Left ; Type: ELI V5.0 ; Serial: TP:1239
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (61x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.367 W/kg

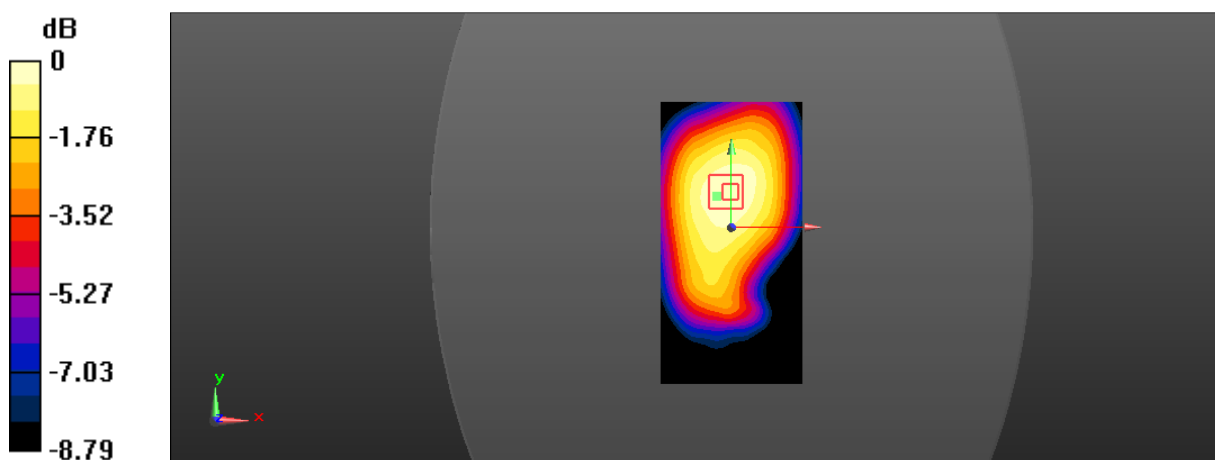
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 16.68 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.432 W/kg

**SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.238 W/kg**

Maximum value of SAR (measured) = 0.378 W/kg



0 dB = 0.378 W/kg = -4.23 dBW/kg

Date: 2018/3/19

Test Laboratory: SGS-SAR Lab

**LTE Band 38 20MHz bandwidth QPSK 1RB0 Offset 37850CH Right cheek**

**DUT: Hytera PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0223**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2580 MHz; Duty Cycle: 1:1.57906

Medium: HSL2600; Medium parameters used:  $f = 2580$  MHz;  $\sigma = 2.006$  S/m;  $\epsilon_r = 37.523$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.64, 7.64, 7.64); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -1.0, 32.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: Twin Phantom; Type: SAM1; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Head/Area Scan (81x141x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 1.34 W/kg

**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:

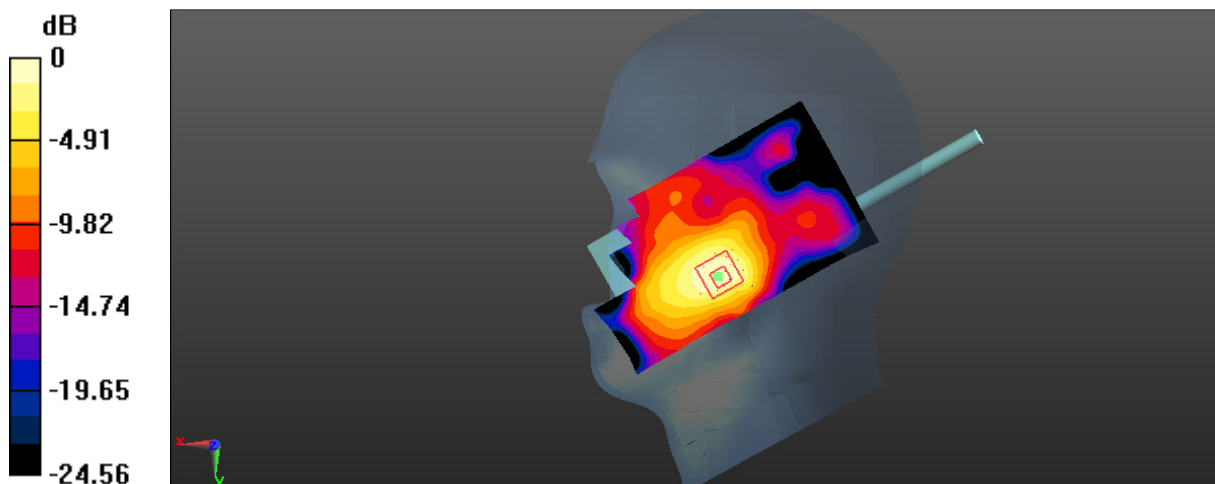
$dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 1.865 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.73 W/kg

**SAR(1 g) = 0.874 W/kg; SAR(10 g) = 0.450 W/kg**

Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24 W/kg = 0.93 dBW/kg

Date: 2018/3/20

Test Laboratory: SGS SAR Lab

**LTE Band 38 20M Bandwidth QPSK 1RB0 offset 38000CH Front side 15mm**

**DUT: PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0207**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2595 MHz; Duty Cycle: 1:1.57906

Medium: MSL2600; Medium parameters used:  $f = 2595$  MHz;  $\sigma = 2.155$  S/m;  $\epsilon_r = 52.233$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.78, 7.78, 7.78); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: Twin phantom; Type: SAM1; Serial: 1141
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (81x151x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.236 W/kg

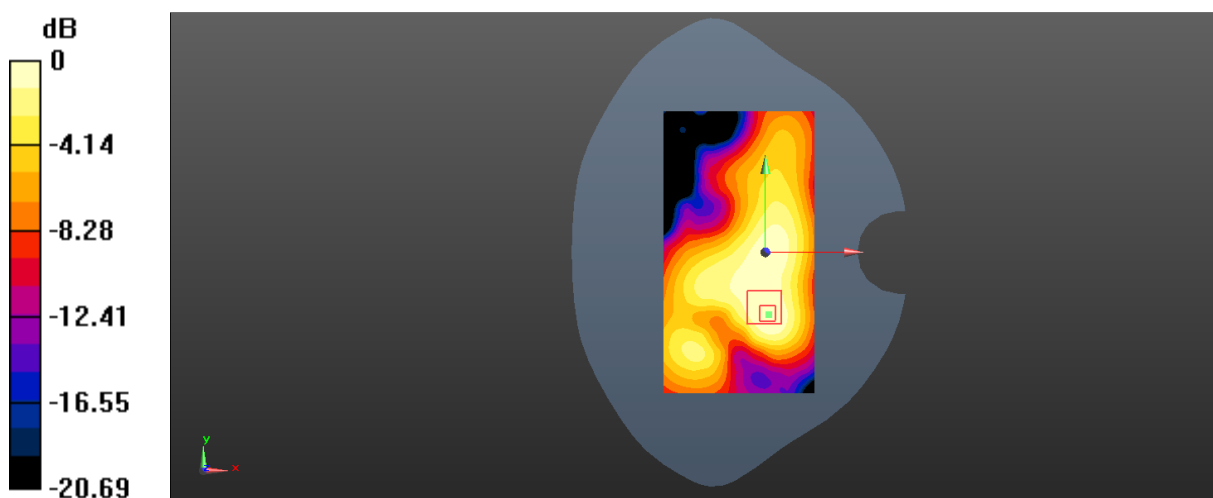
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 6.807 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.292 W/kg

**SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.083 W/kg**

Maximum value of SAR (measured) = 0.218 W/kg



0 dB = 0.218 W/kg = -6.62 dBW/kg

Date: 2018/3/20

Test Laboratory: SGS SAR Lab

**LTE Band 38 20M Bandwidth QPSK 1RB0 offset 38000CH Left side 10mm**

**DUT: PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0207**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2595 MHz; Duty Cycle: 1:1.57906

Medium: MSL2600; Medium parameters used:  $f = 2595$  MHz;  $\sigma = 2.155$  S/m;  $\epsilon_r = 52.233$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.78, 7.78, 7.78); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: Twin phantom; Type: SAM1; Serial: 1141
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (51x151x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.689 W/kg

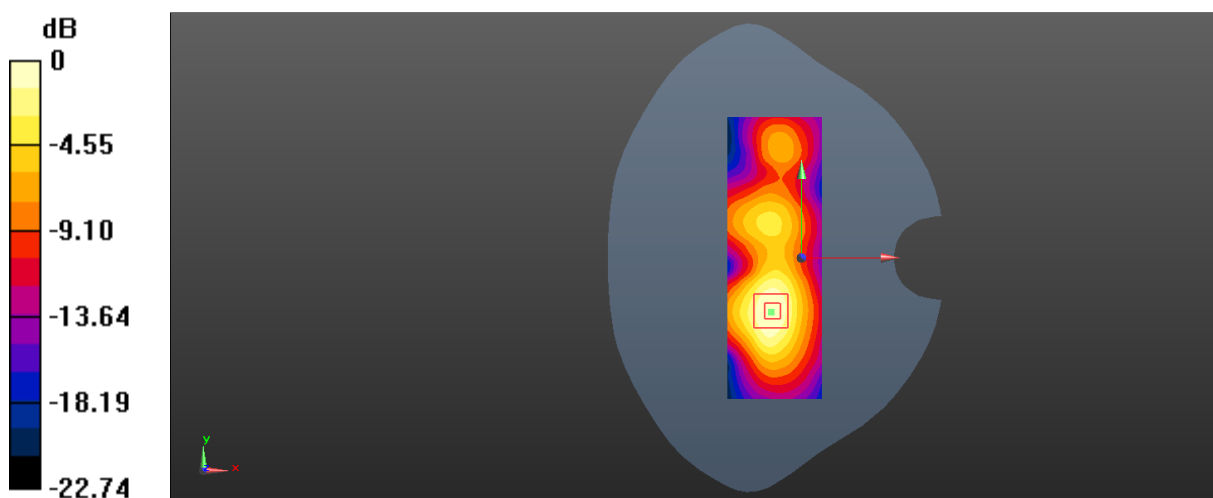
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 7.815 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.890 W/kg

**SAR(1 g) = 0.465 W/kg; SAR(10 g) = 0.243 W/kg**

Maximum value of SAR (measured) = 0.670 W/kg



0 dB = 0.670 W/kg = -1.74 dBW/kg

Date: 2018/3/18

Test Laboratory: SGS-SAR Lab

**LTE Band 40 20MHz bandwidth QPSK 1RB0 Offset 39150CH Right cheek**

**DUT: Hytera PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0223**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2350 MHz; Duty Cycle: 1:1.57906

Medium: HSL2300; Medium parameters used:  $f = 2350$  MHz;  $\sigma = 1.747$  S/m;  $\epsilon_r = 38.383$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.03, 8.03, 8.03); Calibrated: 2018/1/11;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -1.0, 32.0$
- Electronics: DAE4 Sn1428; Calibrated: 2018/1/17
- Phantom: Twin Phantom; Type: SAM1; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Head/Area Scan (81x141x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.430 W/kg

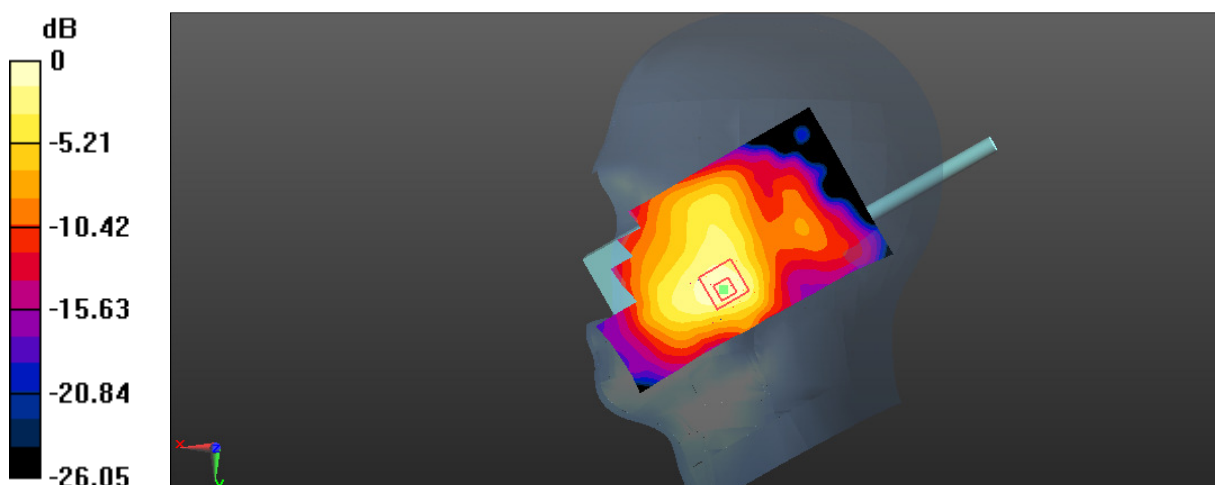
**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 4.356 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.593 W/kg

**SAR(1 g) = 0.317 W/kg; SAR(10 g) = 0.173 W/kg**

Maximum value of SAR (measured) = 0.450 W/kg



0 dB = 0.450 W/kg = -3.47 dBW/kg

Date: 2018/3/21

Test Laboratory: SGS SAR Lab

**LTE Band 40 20M Bandwidth QPSK 1RB0 offset 39150CH Back side 15mm**

**DUT: PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0207**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2350 MHz; Duty Cycle: 1:1.57906

Medium: MSL2300; Medium parameters used:  $f = 2350$  MHz;  $\sigma = 1.842$  S/m;  $\epsilon_r = 52.871$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.90, 7.90, 7.90); Calibrated: 2018/1/11;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: Twin phantom; Type: SAM1; Serial: 1141
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (81x151x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.137 W/kg

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:

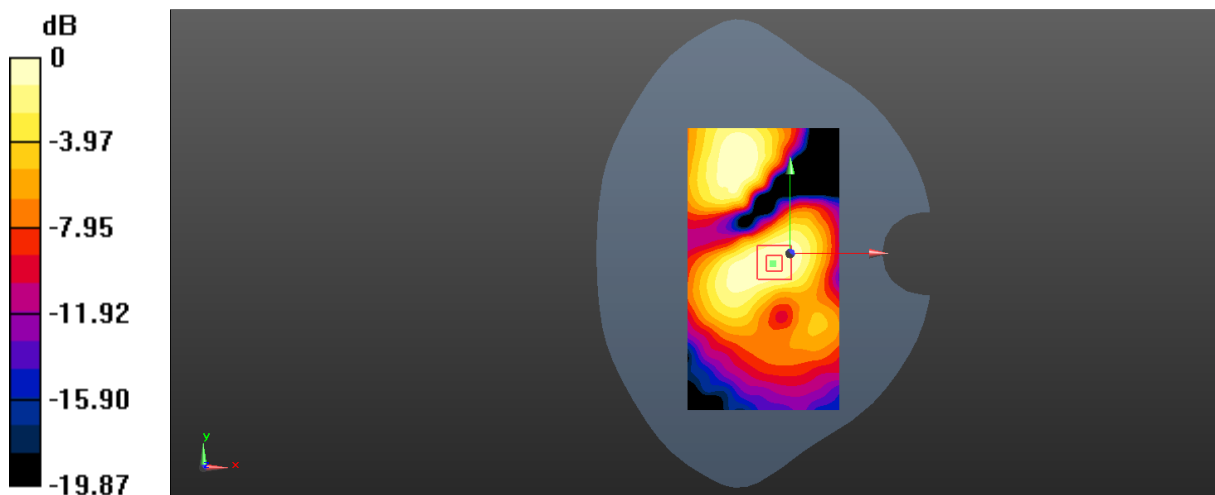
$dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 7.046 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.166 W/kg

**SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.060 W/kg**

Maximum value of SAR (measured) = 0.133 W/kg



0 dB = 0.133 W/kg = -8.76 dBW/kg

Date: 2018/3/21

Test Laboratory: SGS SAR Lab

**LTE Band 40 20M Bandwidth QPSK 1RB0 offset 39150CH Left side 10mm**

**DUT: PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0207**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2350 MHz; Duty Cycle: 1:1.57906

Medium: MSL2300; Medium parameters used:  $f = 2350$  MHz;  $\sigma = 1.842$  S/m;  $\epsilon_r = 52.871$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.90, 7.90, 7.90); Calibrated: 2018/1/11;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: Twin phantom; Type: SAM1; Serial: 1141
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (51x151x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

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

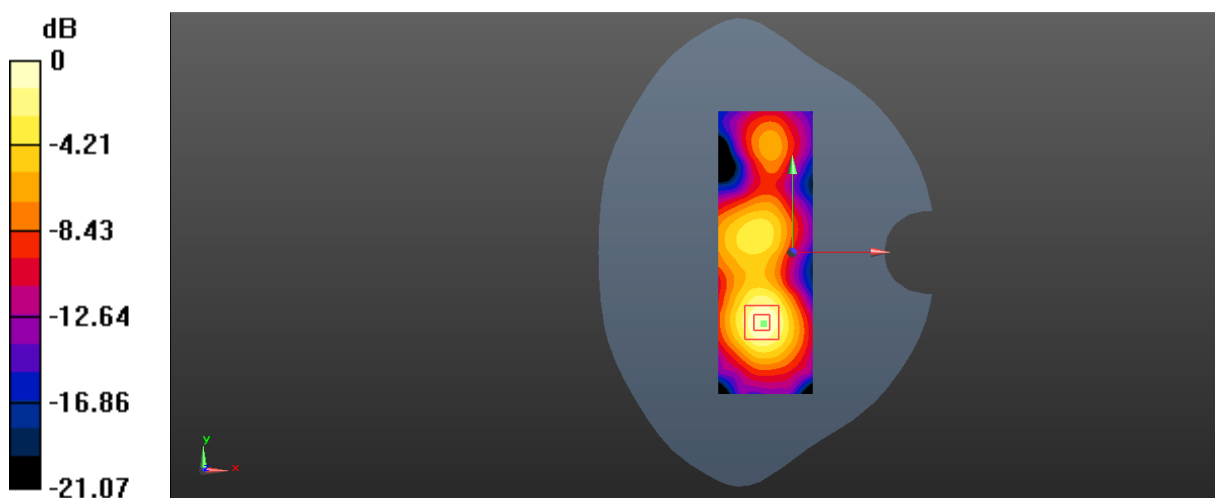
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.220 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.549 W/kg

**SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.159 W/kg**

Maximum value of SAR (measured) = 0.425 W/kg



0 dB = 0.425 W/kg = -3.72 dBW/kg

Date: 2018/3/22

Test Laboratory: SGS-SAR Lab

**LTE Band 41 20MHz bandwidth QPSK 1RB0 Offset 40185CH Right cheek**

**DUT: Hytera PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0223**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2549.5 MHz; Duty Cycle: 1:1.57906

Medium: HSL2600; Medium parameters used:  $f = 2549.5$  MHz;  $\sigma = 1.918$  S/m;  $\epsilon_r = 39.141$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.78, 7.78, 7.78); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -1.0, 32.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: Twin Phantom; Type: SAM1; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Head/Area Scan (81x141x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 1.42 W/kg

**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:

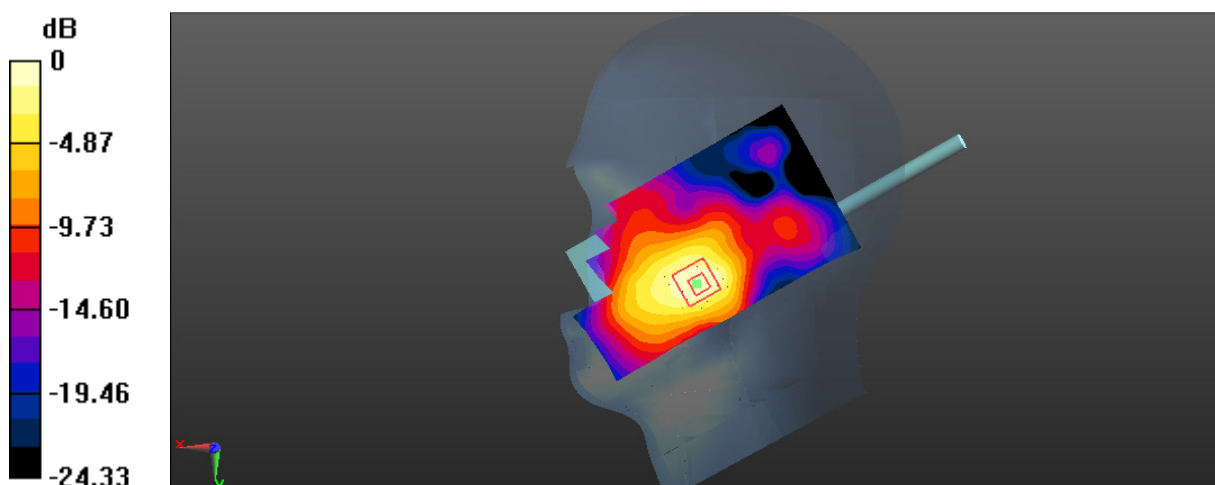
$dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.519 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.81 W/kg

**SAR(1 g) = 0.915 W/kg; SAR(10 g) = 0.471 W/kg**

Maximum value of SAR (measured) = 1.29 W/kg



0 dB = 1.29 W/kg = 1.11 dBW/kg



Date: 2018/3/20

Test Laboratory: SGS SAR Lab

**LTE Band 41 20M Bandwidth QPSK 1RB0 offset 40620CH Front side 15mm**

**DUT: PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0207**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2593 MHz; Duty Cycle: 1:1.57906

Medium: MSL2600; Medium parameters used:  $f = 2593$  MHz;  $\sigma = 2.152$  S/m;  $\epsilon_r = 52.242$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.78, 7.78, 7.78); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: Twin phantom; Type: SAM1; Serial: 1141
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (81x151x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.221 W/kg

**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:

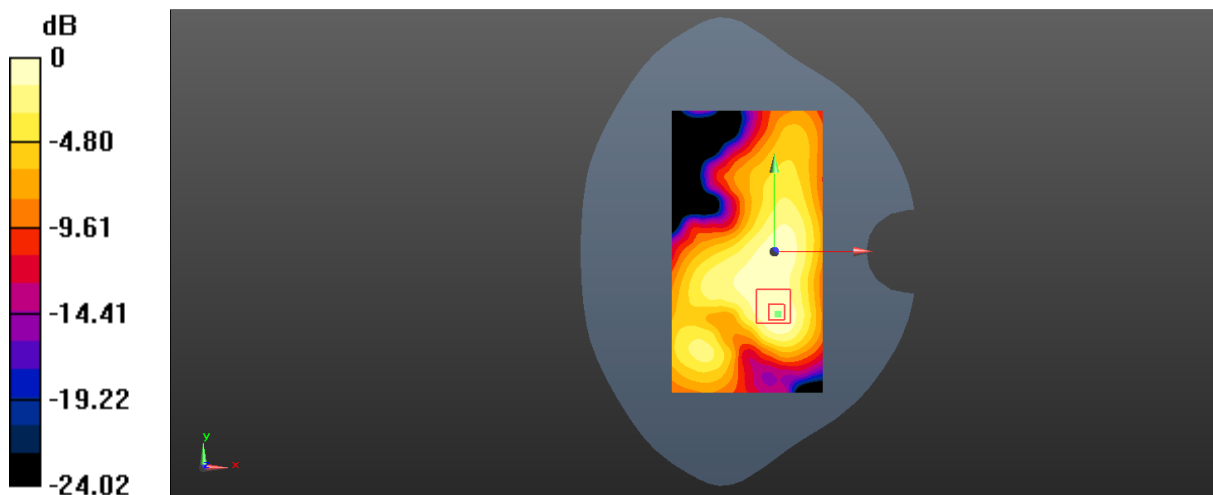
$dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 6.856 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.294 W/kg

**SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.083 W/kg**

Maximum value of SAR (measured) = 0.218 W/kg



0 dB = 0.218 W/kg = -6.62 dBW/kg

Date: 2018/3/20

Test Laboratory: SGS SAR Lab

**LTE Band 41 20M Bandwidth QPSK 1RB0 offset 40620CH Left side 10mm**

**DUT: PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0207**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2593 MHz; Duty Cycle: 1:1.57906

Medium: MSL2600; Medium parameters used:  $f = 2593$  MHz;  $\sigma = 2.152$  S/m;  $\epsilon_r = 52.242$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.78, 7.78, 7.78); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: Twin phantom; Type: SAM1; Serial: 1141
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (51x151x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.678 W/kg

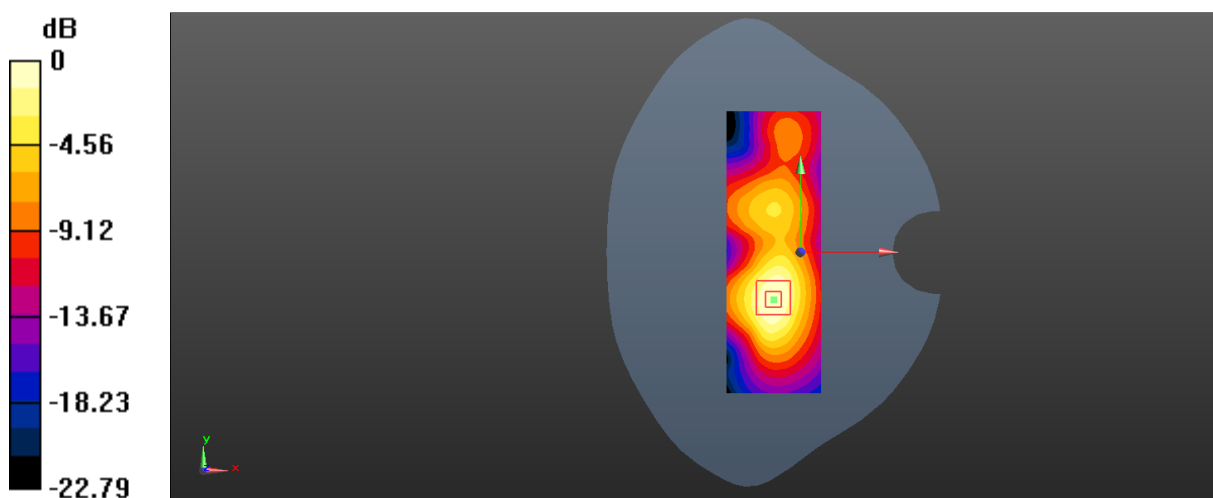
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.328 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.898 W/kg

**SAR(1 g) = 0.468 W/kg; SAR(10 g) = 0.243 W/kg**

Maximum value of SAR (measured) = 0.676 W/kg



0 dB = 0.676 W/kg = -1.70 dBW/kg

Date: 2018/4/2

Test Laboratory: SGS-SAR Lab

### Wifi 802.11b 6CH Right tilted

**DUT: Hytera PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0203**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: HSL2450;Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.862$  S/m;  $\epsilon_r = 38.539$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.81, 7.81, 7.81); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: Twin Phantom; Type: SAM1; Serial: 1824
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

**Configuration/Head/Area Scan (81x151x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.0574 W/kg

**Configuration/Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:

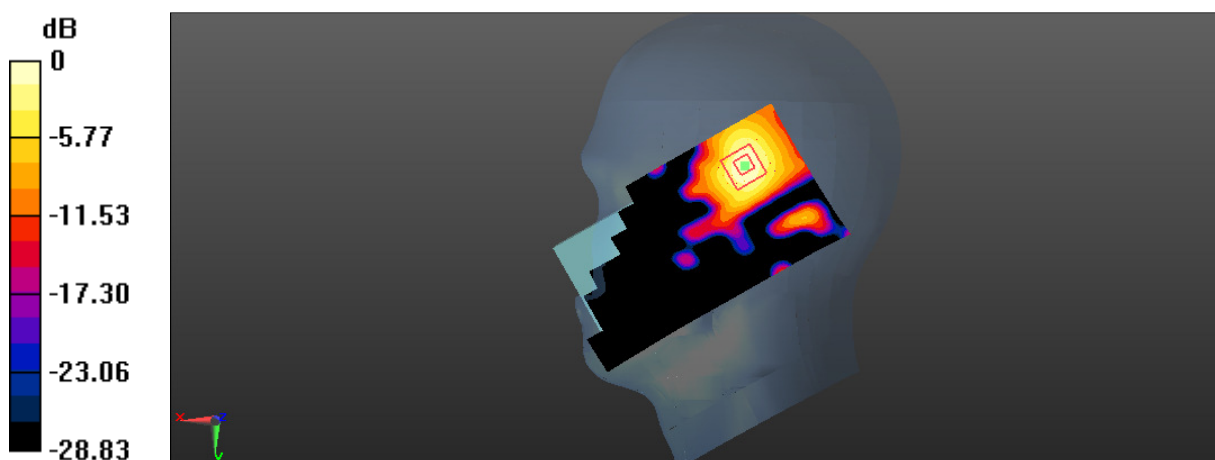
$dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.246 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.0750 W/kg

**SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.018 W/kg**

Maximum value of SAR (measured) = 0.0548 W/kg



0 dB = 0.0548 W/kg = -12.61 dBW/kg

Date: 2018/4/2

Test Laboratory: SGS-SAR Lab

### Wifi 802.11b 6CH Back side 15mm

**DUT: Hytera PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0203**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: MSL2450;Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.919$  S/m;  $\epsilon_r = 50.843$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.93, 7.93, 7.93); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: Twin Phantom; Type: SAM1; Serial: 1824
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (81x161x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.0429 W/kg

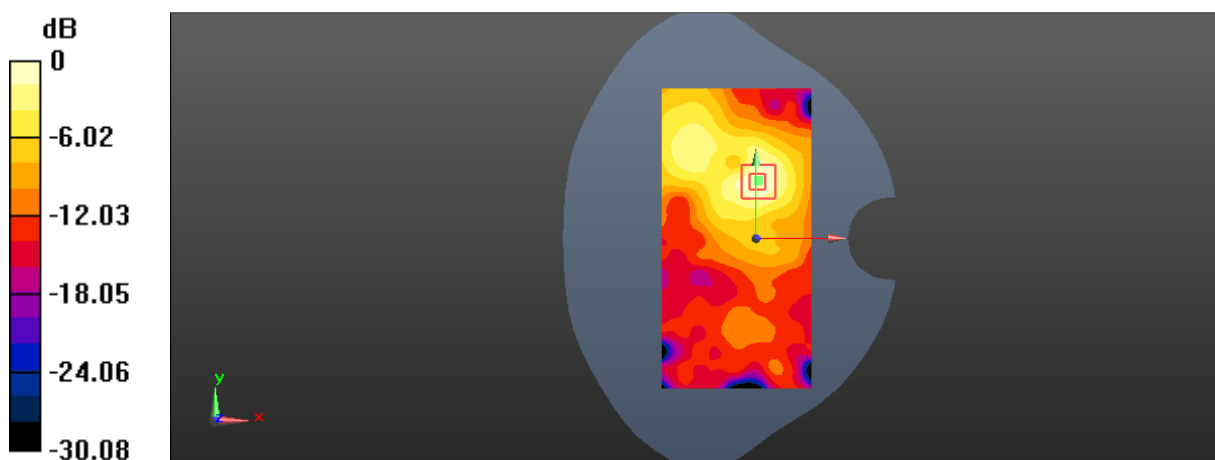
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 1.647 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.0550 W/kg

**SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.015 W/kg**

Maximum value of SAR (measured) = 0.0415 W/kg



0 dB = 0.0415 W/kg = -13.82 dBW/kg

Date: 2018/4/2

Test Laboratory: SGS-SAR Lab

### Wifi 802.11b 6CH Back side 10mm

**DUT: Hytera PDC760 V1B1; Type: Multi-mode Radio; Serial: A02B8A0203**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: MSL2450;Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.919$  S/m;  $\epsilon_r = 50.843$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.93, 7.93, 7.93); Calibrated: 2017/8/24;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = -2.0, 31.0$
- Electronics: DAE4 Sn1267; Calibrated: 2017/11/28
- Phantom: Twin Phantom; Type: SAM1; Serial: 1824
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

**Configuration/Body/Area Scan (81x161x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.0635 W/kg

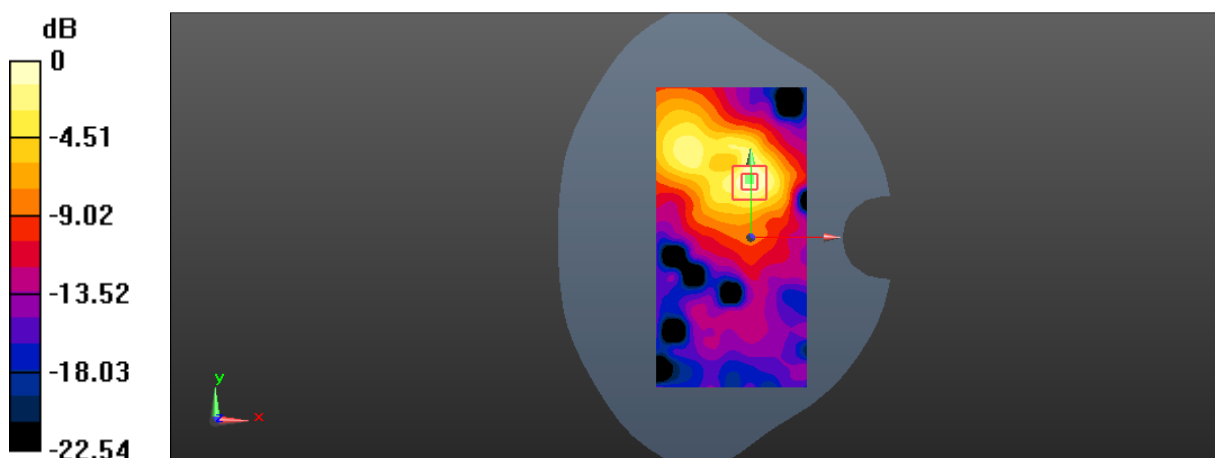
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 1.708 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.0830 W/kg

**SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.021 W/kg**

Maximum value of SAR (measured) = 0.0619 W/kg



0 dB = 0.0619 W/kg = -12.08 dBW/kg

