

Test Plot 1#: GSM 850_Head Left Cheek_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic GSM; Frequency: 836.6 MHz;Duty Cycle: 1:8
 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 41.842$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.199 W/kg

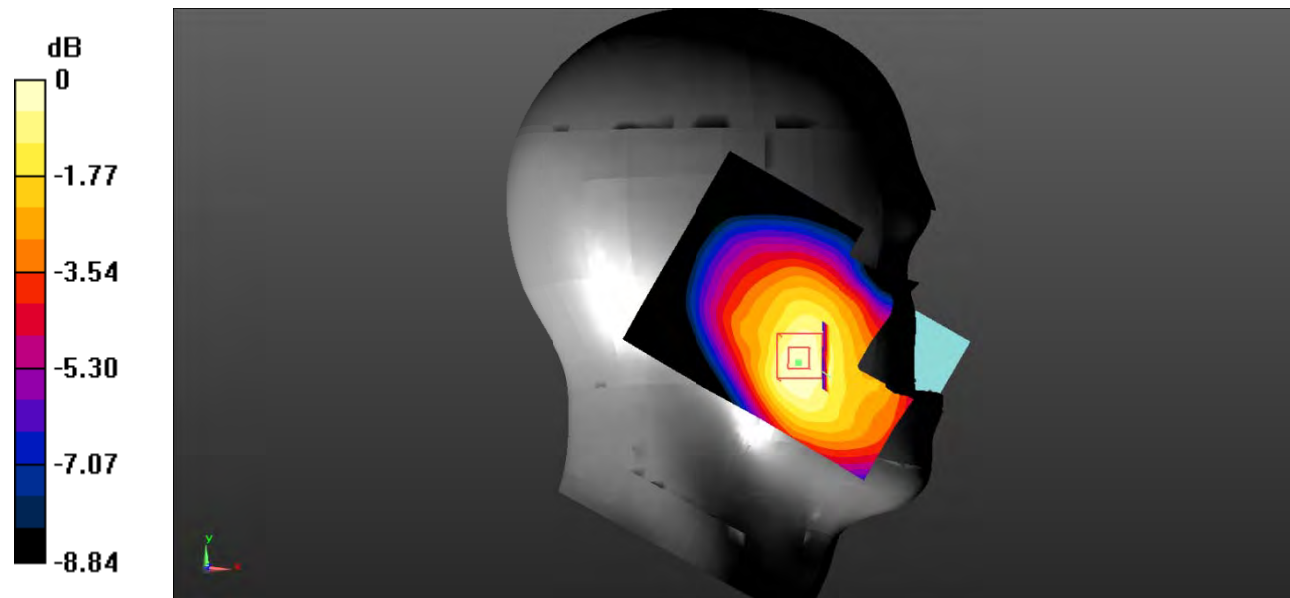
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.387 V/m ; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.232 W/kg

SAR(1 g) = 0.186 W/kg ; SAR(10 g) = 0.141 W/kg

Maximum value of SAR (measured) = 0.198 W/kg



0 dB = $0.198 \text{ W/kg} = -7.03 \text{ dBW/kg}$

Test Plot 2#: GSM 850_Head Left Tilt_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic GSM; Frequency: 836.6 MHz;Duty Cycle: 1:8
 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 41.842$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

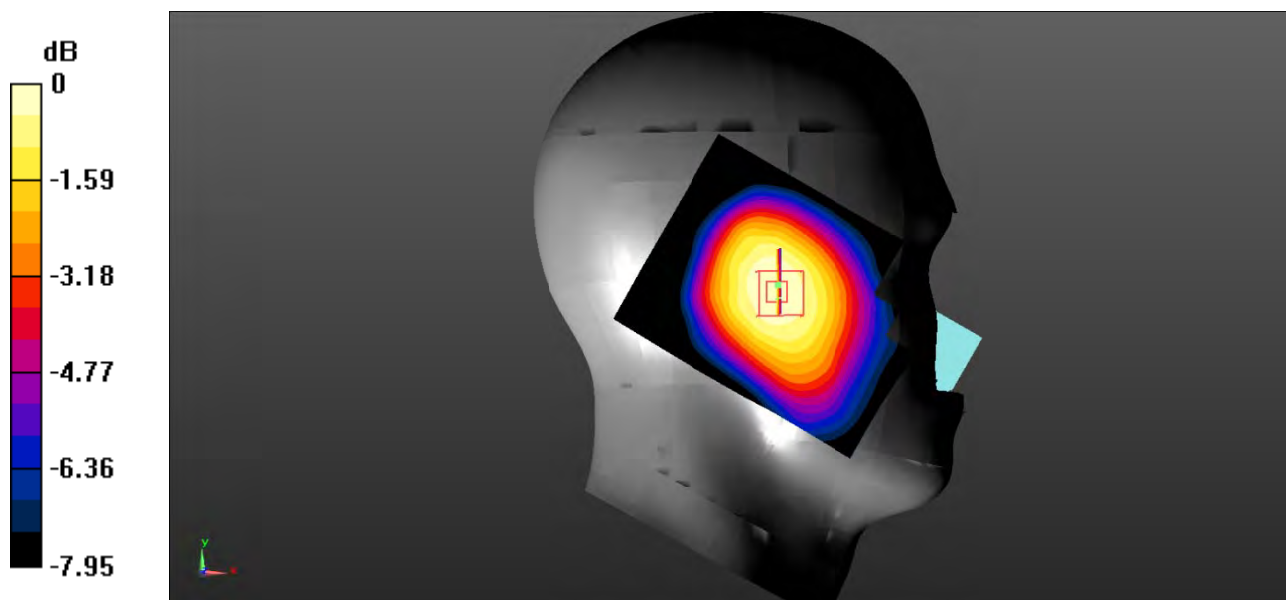
Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.115 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 8.021 V/m ; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.137 W/kg

SAR(1 g) = 0.110 W/kg ; SAR(10 g) = 0.085 W/kg

Maximum value of SAR (measured) = 0.113 W/kg



0 dB = $0.113 \text{ W/kg} = -9.47 \text{ dBW/kg}$

Test Plot 3#: GSM 850_Head Right Cheek_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic GSM; Frequency: 836.6 MHz;Duty Cycle: 1:8
 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 41.842$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

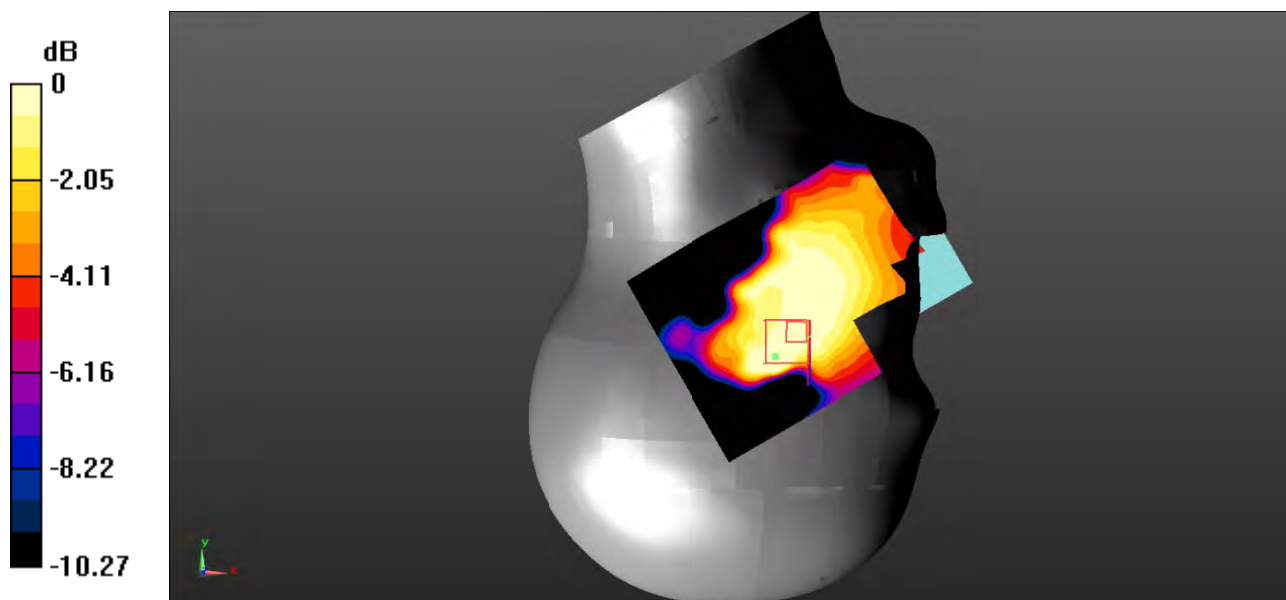
Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.356 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 6.353 V/m ; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.178 W/kg

SAR(1 g) = 0.141 W/kg ; SAR(10 g) = 0.096 W/kg

Maximum value of SAR (measured) = 0.149 W/kg



0 dB = $0.149 \text{ W/kg} = -8.27 \text{ dBW/kg}$

Test Plot 4#: GSM 850_Head Right Tilt_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic GSM; Frequency: 836.6 MHz;Duty Cycle: 1:8
 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 41.842$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

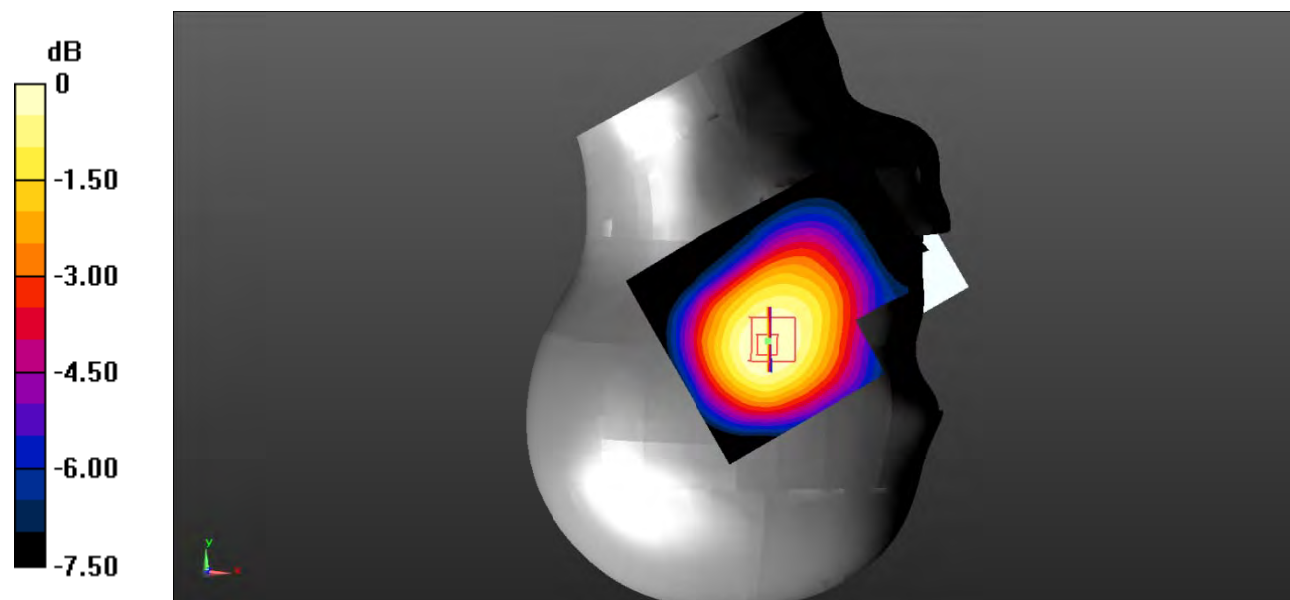
Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.102 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 7.192 V/m ; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.117 W/kg

SAR(1 g) = 0.093 W/kg ; SAR(10 g) = 0.071 W/kg

Maximum value of SAR (measured) = 0.0965 W/kg



0 dB = 0.0965 W/kg = -10.15 dBW/kg

Test Plot 5#: GSM 850_Body Worn Back_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic GSM; Frequency: 836.6 MHz;Duty Cycle: 1:8
 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 41.842$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x71x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.355 W/kg

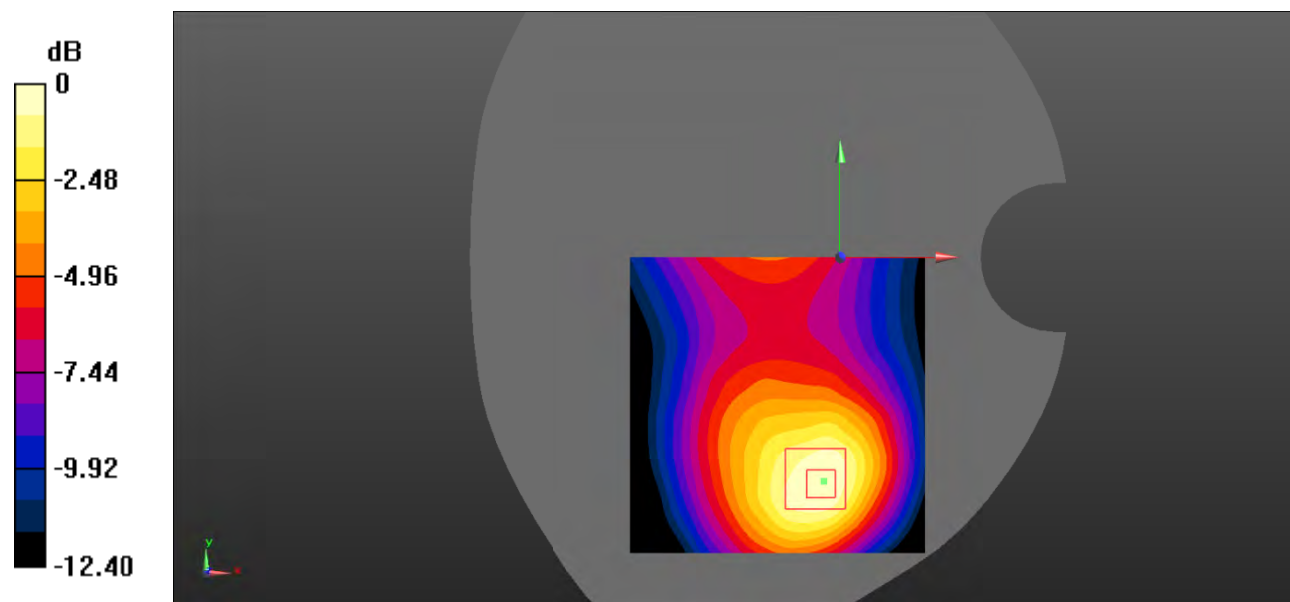
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.48 V/m ; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.493 W/kg

SAR(1 g) = 0.322 W/kg ; SAR(10 g) = 0.204 W/kg

Maximum value of SAR (measured) = 0.344 W/kg



0 dB = $0.344 \text{ W/kg} = -4.63 \text{ dBW/kg}$

Test Plot 6#: GSM 850_Body Back_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic GPRS-4 slots; Frequency: 836.6 MHz;Duty Cycle: 1:2
 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 41.842$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x71x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.560 W/kg

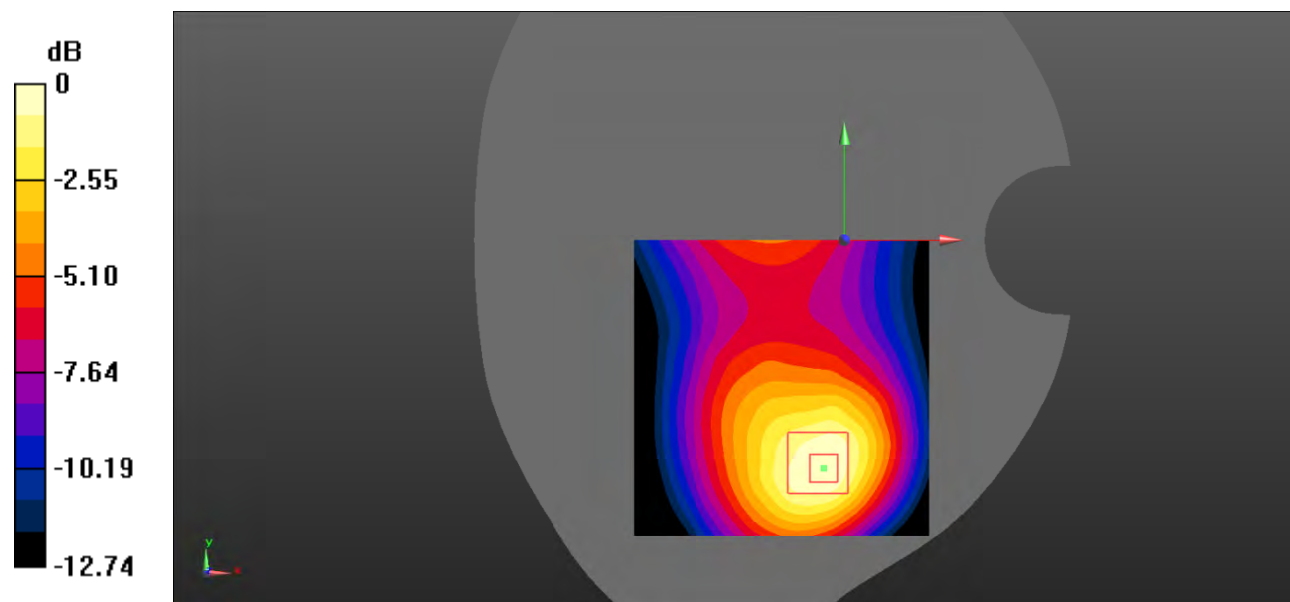
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.99 V/m ; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.794 W/kg

SAR(1 g) = 0.519 W/kg ; SAR(10 g) = 0.327 W/kg

Maximum value of SAR (measured) = 0.556 W/kg



0 dB = $0.556 \text{ W/kg} = -2.55 \text{ dBW/kg}$

Test Plot 7#: GSM 850_Body Left_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic GPRS-4 slots; Frequency: 836.6 MHz;Duty Cycle: 1:2
 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 41.842$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.257 W/kg

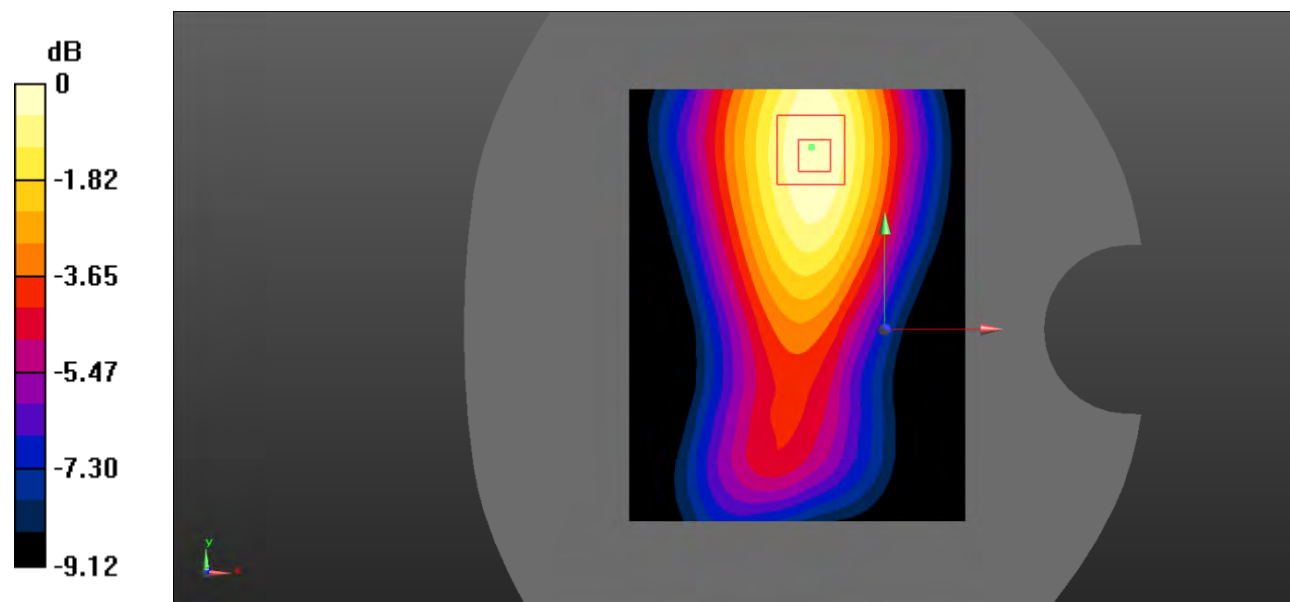
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.58 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.344 W/kg

SAR(1 g) = 0.243 W/kg ; SAR(10 g) = 0.169 W/kg

Maximum value of SAR (measured) = 0.255 W/kg



0 dB = $0.255 \text{ W/kg} = -5.93 \text{ dBW/kg}$

Test Plot 8#: GSM 850_Body Right_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic GPRS-4 slots; Frequency: 836.6 MHz;Duty Cycle: 1:2
 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 41.842$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.203 W/kg

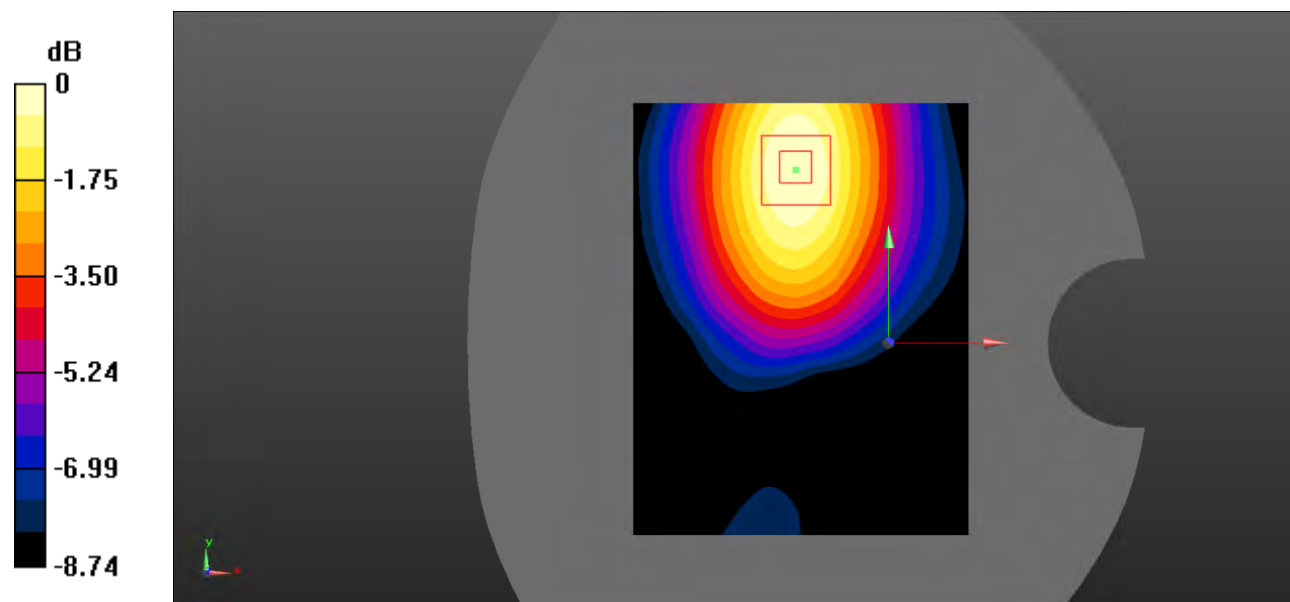
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.698 V/m ; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.265 W/kg

SAR(1 g) = 0.190 W/kg ; SAR(10 g) = 0.131 W/kg

Maximum value of SAR (measured) = 0.201 W/kg



0 dB = $0.201 \text{ W/kg} = -6.97 \text{ dBW/kg}$

Test Plot 9#: GSM 850_Body Bottom_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic GPRS-4 slots; Frequency: 836.6 MHz;Duty Cycle: 1:2
 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 41.842$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.241 W/kg

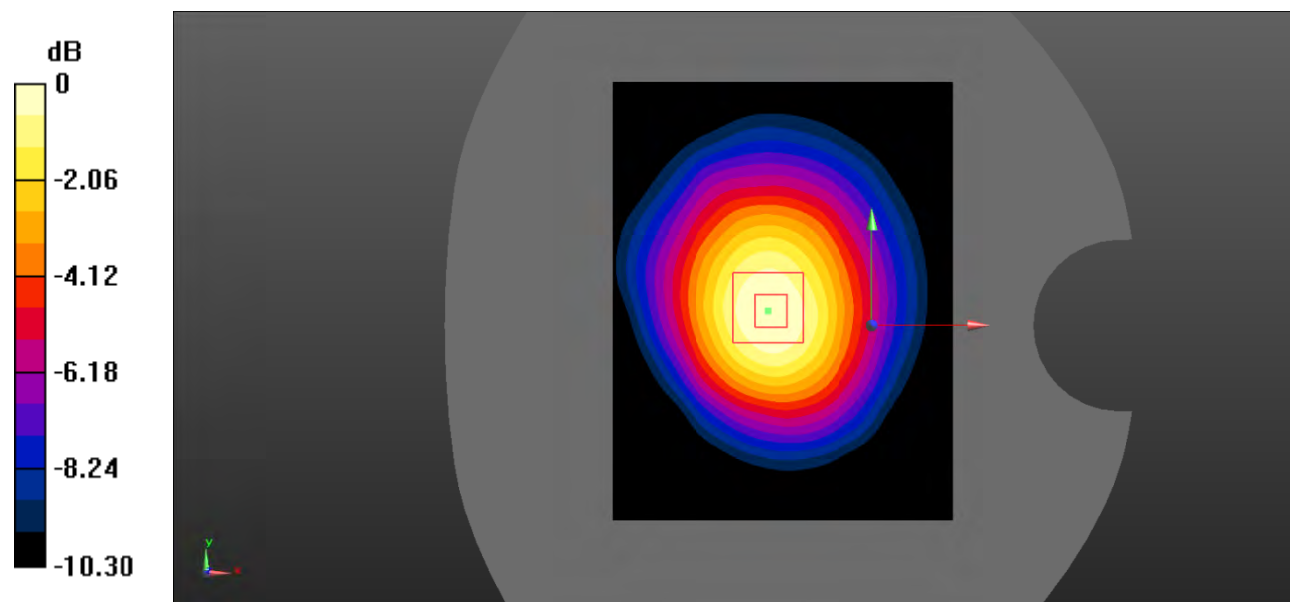
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.13 V/m ; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.324 W/kg

SAR(1 g) = 0.216 W/kg ; SAR(10 g) = 0.140 W/kg

Maximum value of SAR (measured) = 0.231 W/kg



0 dB = $0.231 \text{ W/kg} = -6.36 \text{ dBW/kg}$

Test Plot 10#: PCS 1900_Head Left Cheek_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.729$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

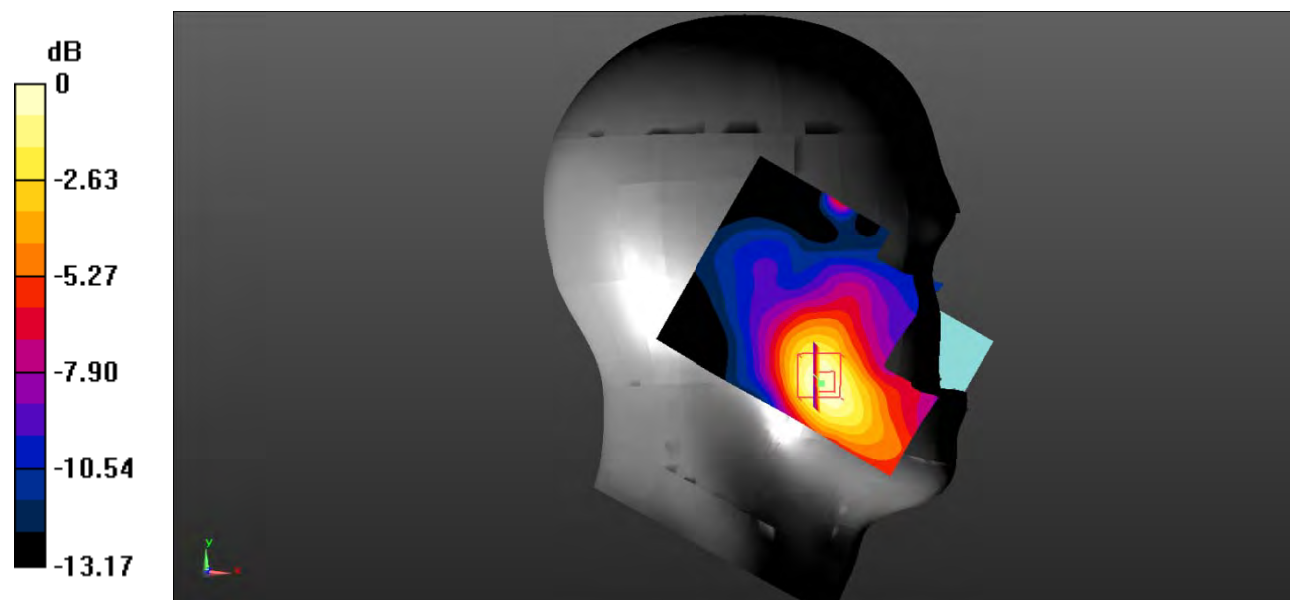
Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.403 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 4.168 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.508 W/kg

SAR(1 g) = 0.348 W/kg ; SAR(10 g) = 0.215 W/kg

Maximum value of SAR (measured) = 0.385 W/kg



0 dB = $0.385 \text{ W/kg} = -4.15 \text{ dBW/kg}$

Test Plot 11#: PCS 1900_Head Left Tilt_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.729$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.119 W/kg

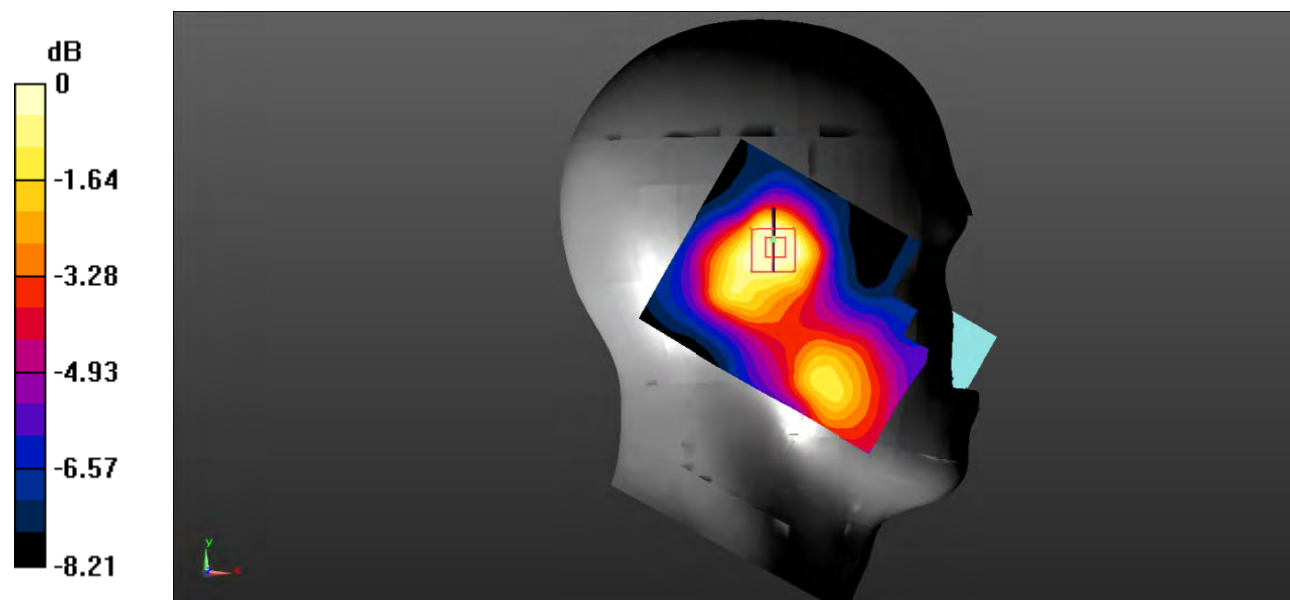
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.378 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.133 W/kg

SAR(1 g) = 0.094 W/kg ; SAR(10 g) = 0.063 W/kg

Maximum value of SAR (measured) = 0.0988 W/kg



0 dB = 0.0988 W/kg = -10.05 dBW/kg

Test Plot 12#: PCS 1900_Head Right Cheek_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.729$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

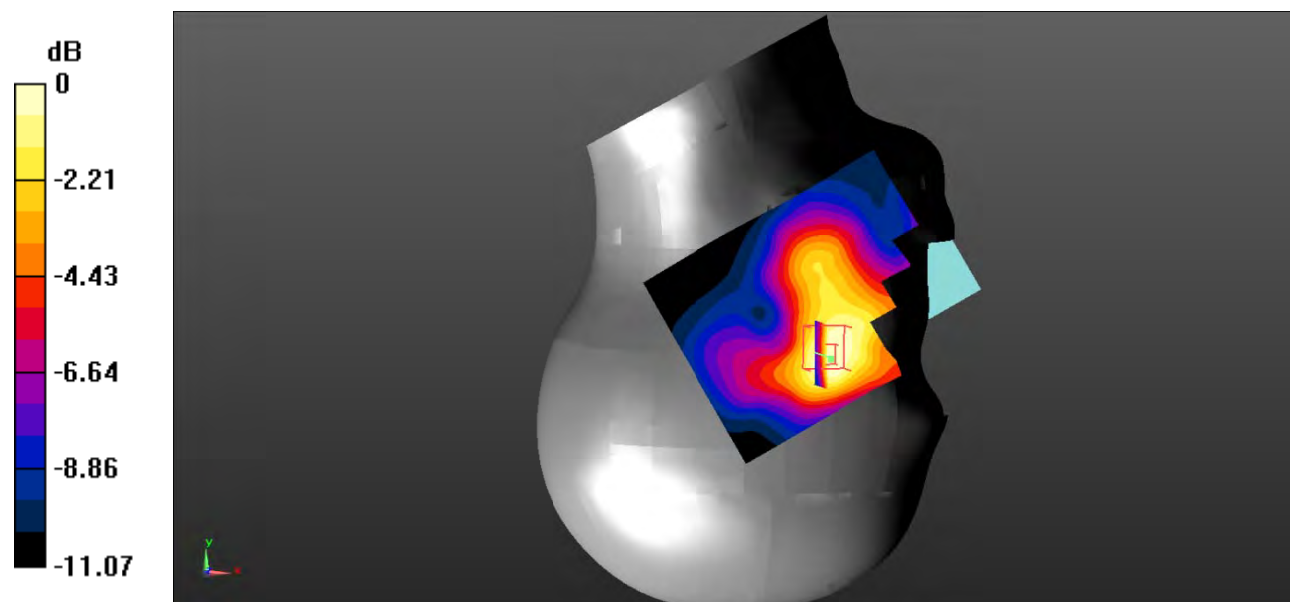
Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.219 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 4.539 V/m ; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.268 W/kg

SAR(1 g) = 0.185 W/kg ; SAR(10 g) = 0.121 W/kg

Maximum value of SAR (measured) = 0.201 W/kg



0 dB = $0.201 \text{ W/kg} = -6.97 \text{ dBW/kg}$

Test Plot 13#: PCS 1900_Head Right Tilt_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.729$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

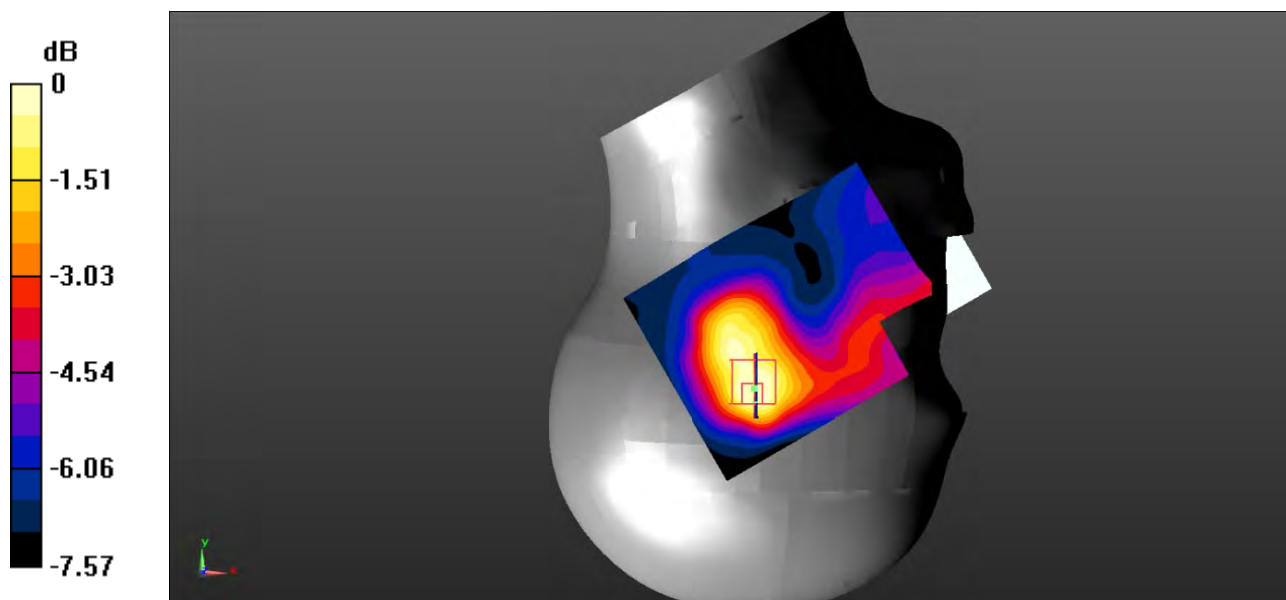
Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.0998 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 6.899 V/m ; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.121 W/kg

SAR(1 g) = 0.080 W/kg ; SAR(10 g) = 0.054 W/kg

Maximum value of SAR (measured) = 0.0839 W/kg



0 dB = 0.0839 W/kg = -10.76 dBW/kg

Test Plot 14#: PCS 1900_Body Worn Back_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.729$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

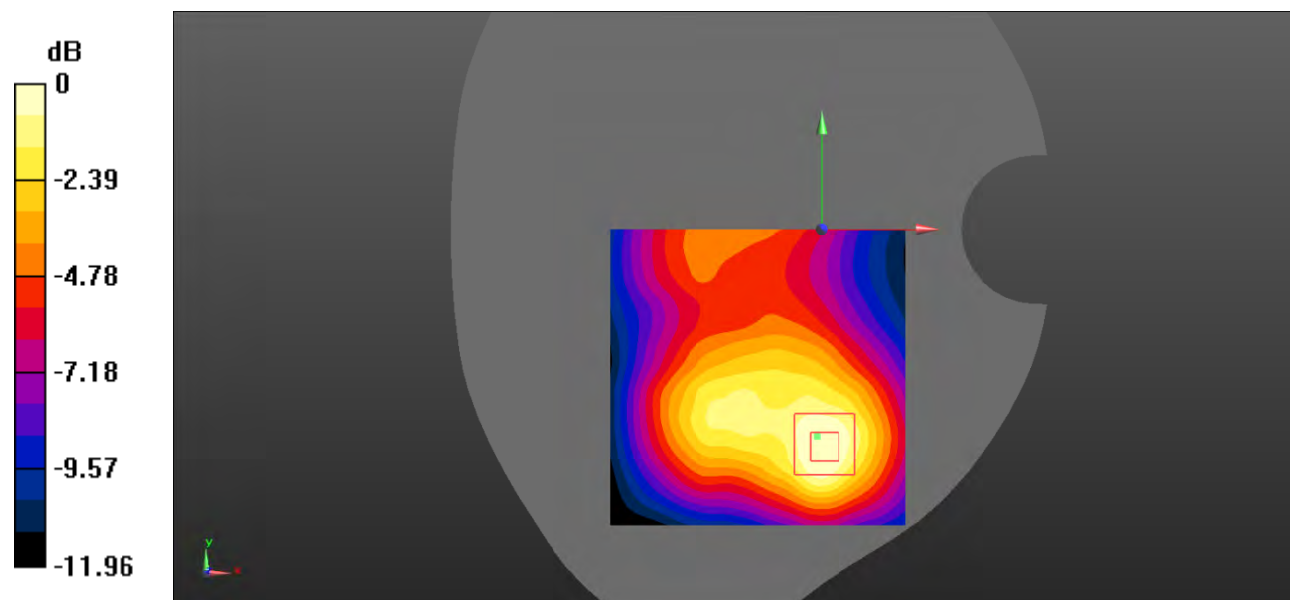
Area Scan (71x71x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.320 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 8.581 V/m ; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.461 W/kg

SAR(1 g) = 0.279 W/kg ; SAR(10 g) = 0.161 W/kg

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



0 dB = $0.292 \text{ W/kg} = -5.35 \text{ dBW/kg}$

Test Plot 15#: PCS 1900_Body Back_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic GPRS-4 slots; Frequency: 1880 MHz;Duty Cycle: 1:2
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.729$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

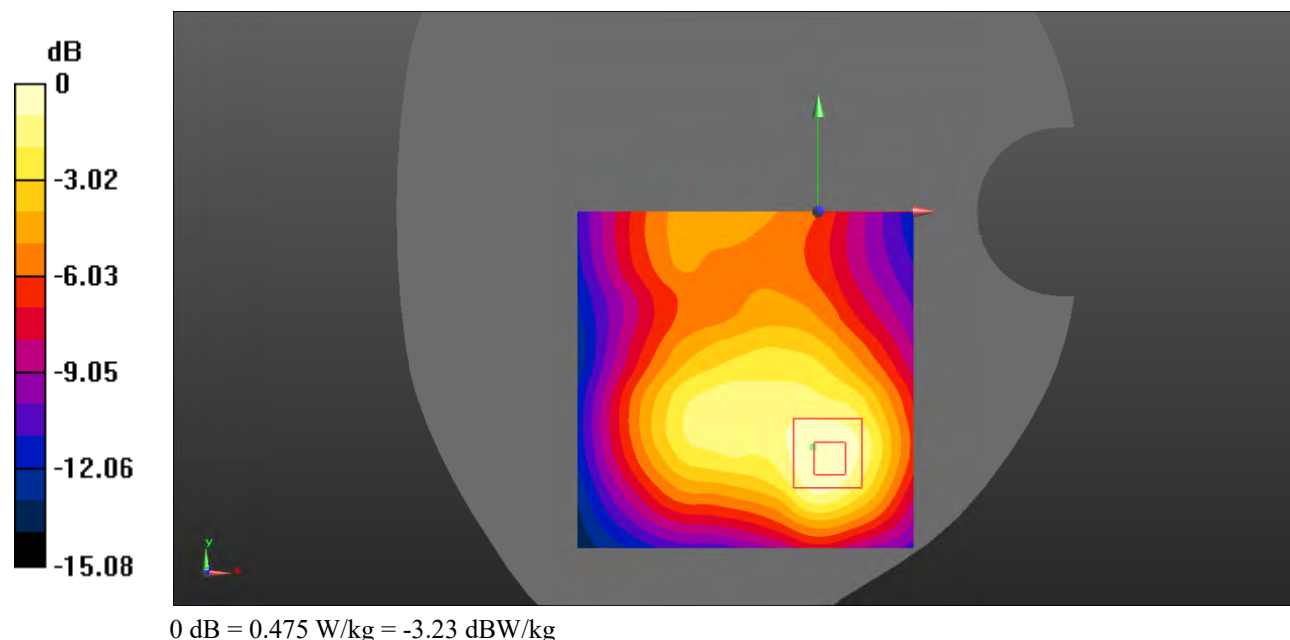
DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x71x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.498 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 10.80 V/m ; Power Drift = -0.15 dB
 Peak SAR (extrapolated) = 0.720 W/kg

SAR(1 g) = 0.448 W/kg ; SAR(10 g) = 0.261 W/kg
 Maximum value of SAR (measured) = 0.475 W/kg



Test Plot 16#: PCS 1900_Body Left_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic GPRS-4 slots; Frequency: 1880 MHz;Duty Cycle: 1:2
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.729$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.653 W/kg

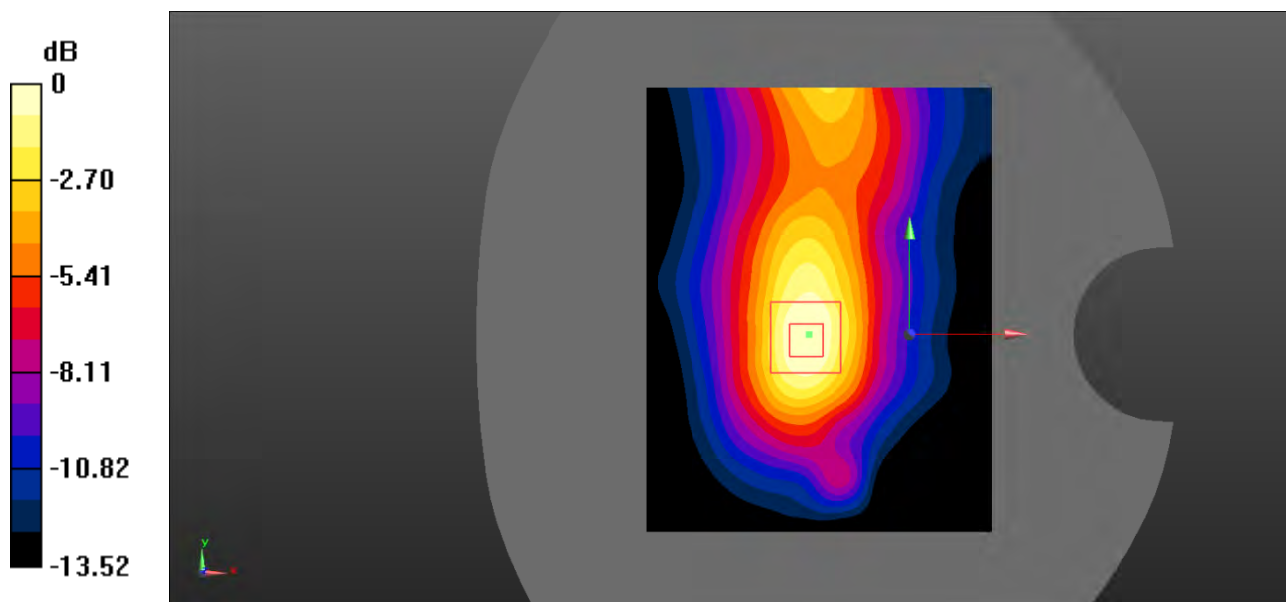
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 20.56 V/m ; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.921 W/kg

SAR(1 g) = 0.557 W/kg ; SAR(10 g) = 0.315 W/kg

Maximum value of SAR (measured) = 0.615 W/kg



0 dB = $0.615 \text{ W/kg} = -2.11 \text{ dBW/kg}$

Test Plot 17#: PCS 1900_Body Right_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic GPRS-4 slots; Frequency: 1880 MHz;Duty Cycle: 1:2
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.729$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.0653 W/kg

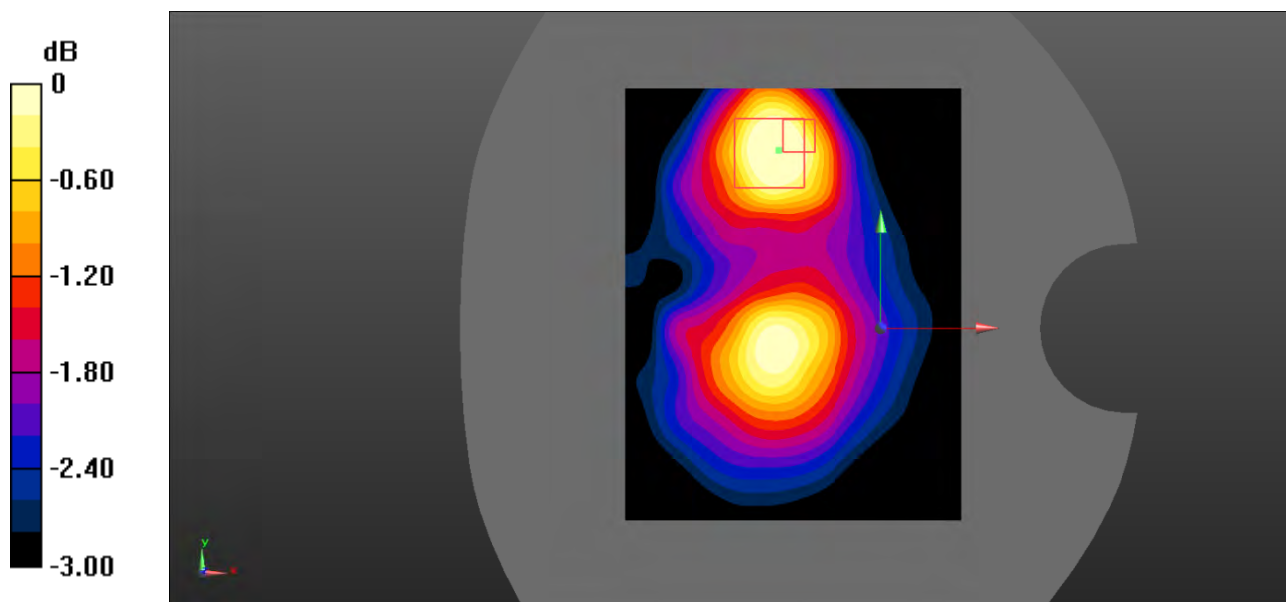
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.307 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.198 W/kg

SAR(1 g) = 0.062 W/kg ; SAR(10 g) = 0.027 W/kg

Maximum value of SAR (measured) = 0.0610 W/kg



0 dB = 0.0610 W/kg = -12.15 dBW/kg

Test Plot 18#: PCS 1900_Body Bottom_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic GPRS-4 slots; Frequency: 1880 MHz;Duty Cycle: 1:2
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.729$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

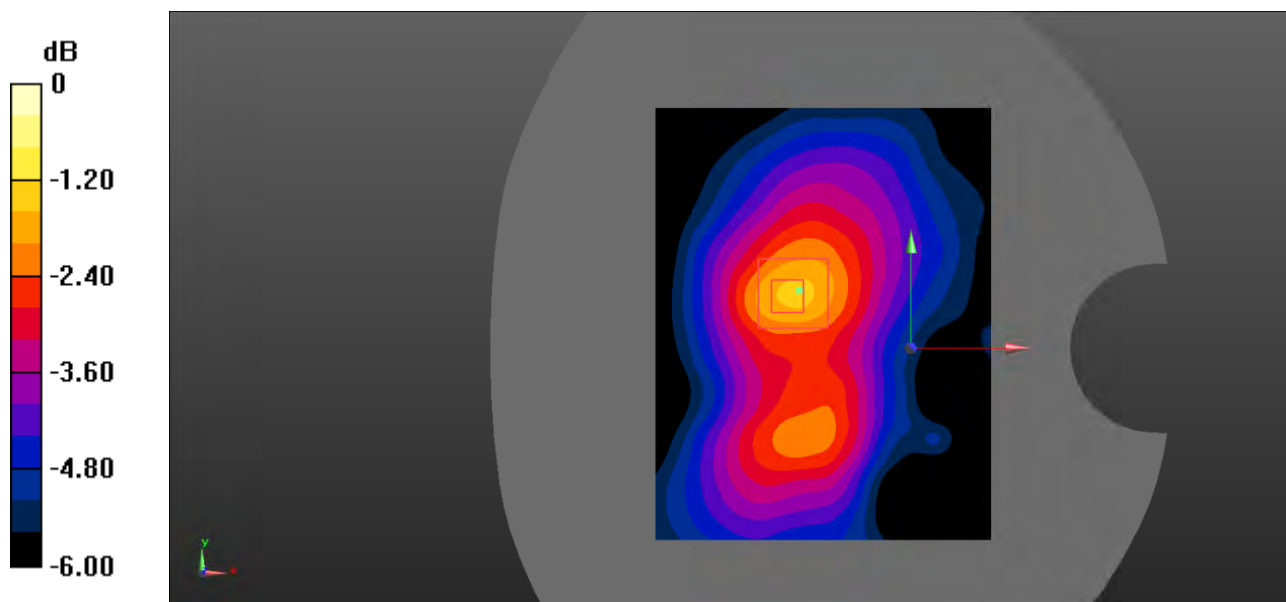
- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.0693 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 6.595 V/m ; Power Drift = -0.02 dB
 Peak SAR (extrapolated) = 0.105 W/kg

SAR(1 g) = 0.066 W/kg ; SAR(10 g) = 0.046 W/kg

Maximum value of SAR (measured) = 0.0976 W/kg



0 dB = $0.0976 \text{ W/kg} = -10.11 \text{ dBW/kg}$

Test Plot 19#: WCDMA Band 2_Head Left Cheek_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Communication System: UID 0, WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.729$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.665 W/kg

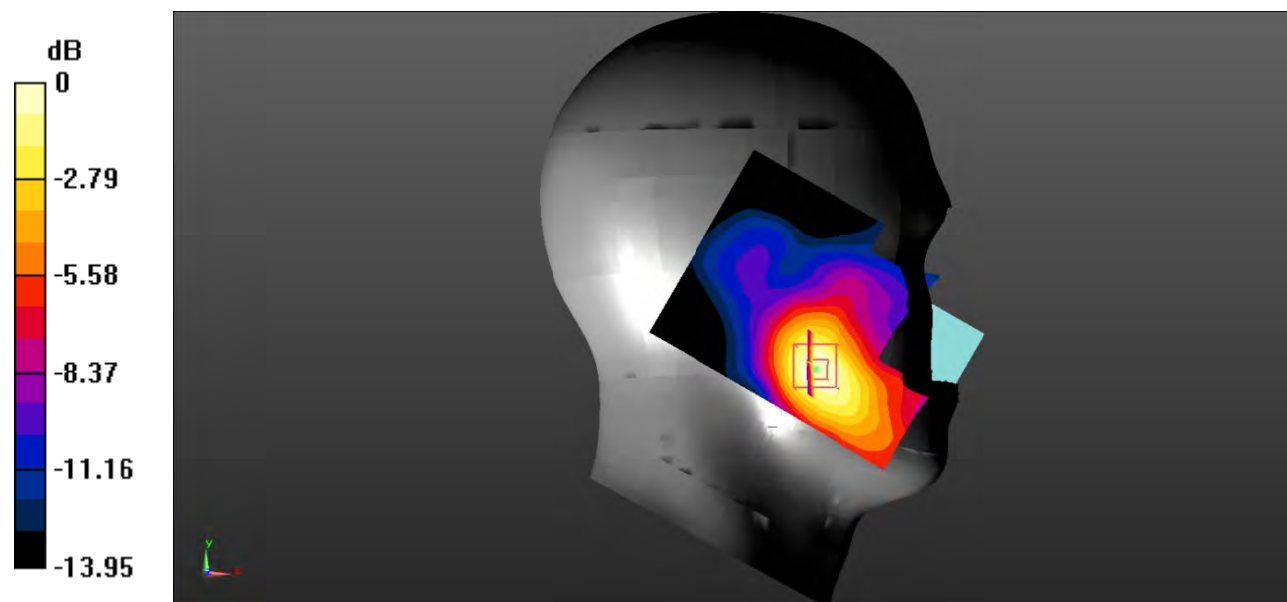
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.687 V/m ; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.876 W/kg

SAR(1 g) = 0.577 W/kg ; SAR(10 g) = 0.356 W/kg

Maximum value of SAR (measured) = 0.637 W/kg



0 dB = $0.637 \text{ W/kg} = -1.96 \text{ dBW/kg}$

Test Plot 20#: WCDMA Band 2_Head Left Tilt_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Communication System: UID 0, WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.729$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.154 W/kg

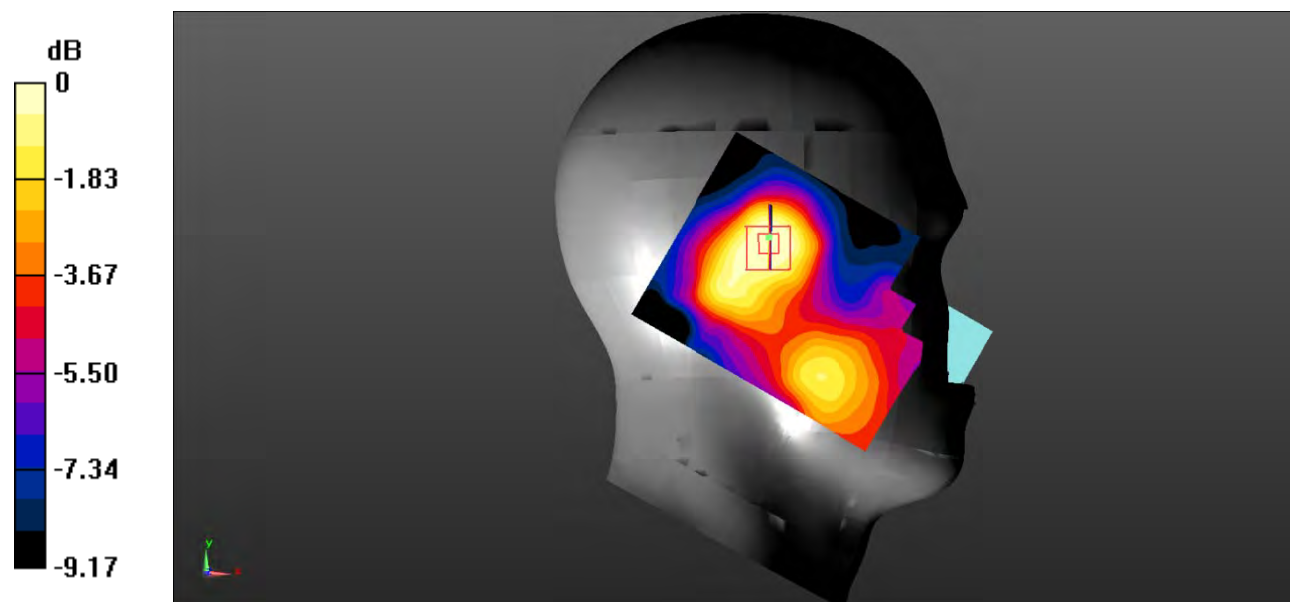
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.022 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.185 W/kg

SAR(1 g) = 0.132 W/kg ; SAR(10 g) = 0.090 W/kg

Maximum value of SAR (measured) = 0.139 W/kg



0 dB = $0.139 \text{ W/kg} = -8.57 \text{ dBW/kg}$

Test Plot 21#: WCDMA Band 2_Head Right Cheek_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Communication System: UID 0, WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.729$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.411 W/kg

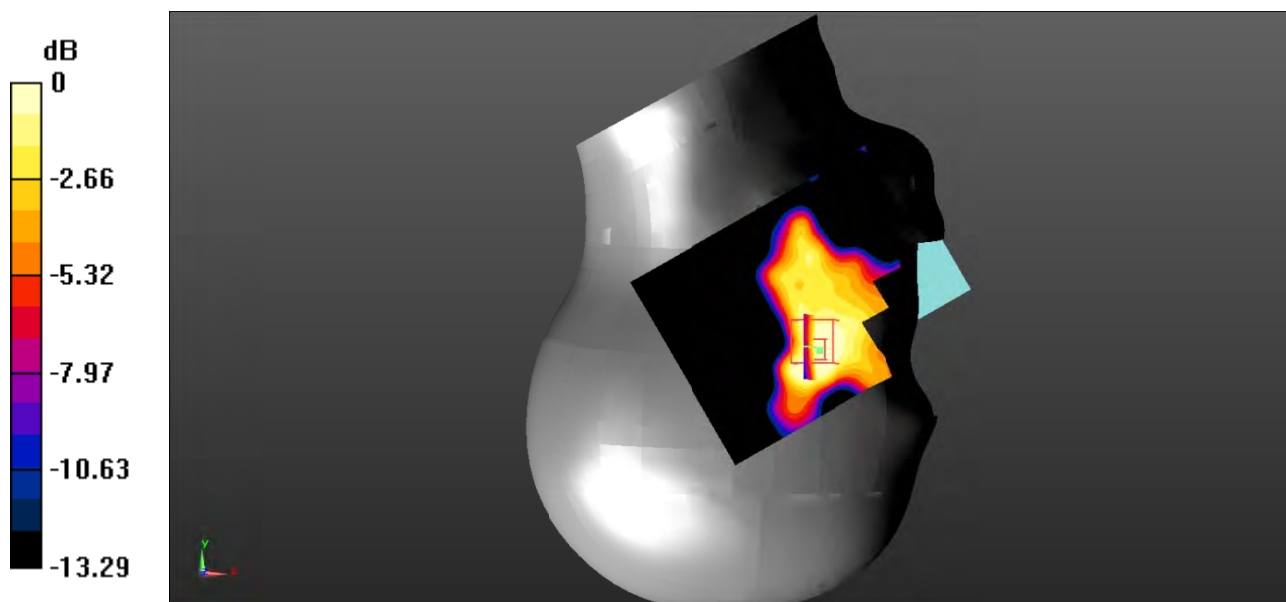
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.532 V/m ; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.486 W/kg

SAR(1 g) = 0.317 W/kg ; SAR(10 g) = 0.204 W/kg

Maximum value of SAR (measured) = 0.342 W/kg



0 dB = $0.342 \text{ W/kg} = -4.66 \text{ dBW/kg}$

Test Plot 22#: WCDMA Band 2_Head Right Tilt_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Communication System: UID 0, WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.729$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

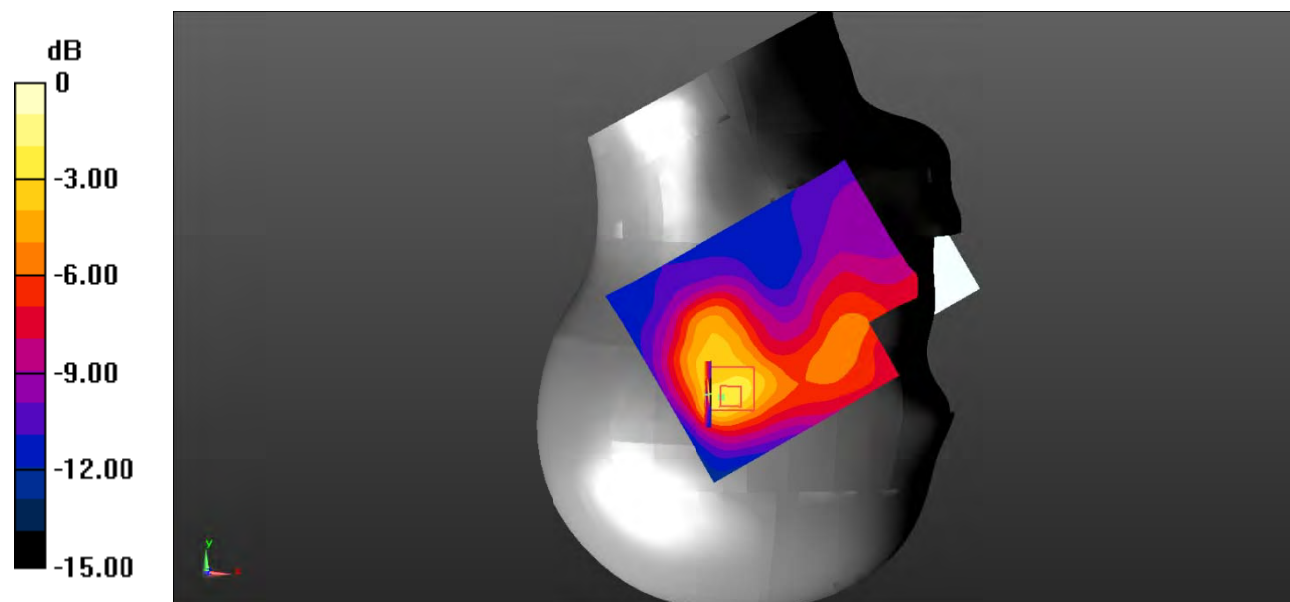
Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.159 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 9.055 V/m ; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.255 W/kg

SAR(1 g) = 0.119 W/kg ; SAR(10 g) = 0.053 W/kg

Maximum value of SAR (measured) = 0.252 W/kg



0 dB = $0.252 \text{ W/kg} = -5.99 \text{ dBW/kg}$

Test Plot 23#: WCDMA Band 2_Body Back_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Communication System: UID 0, WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.729$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x71x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.452 W/kg

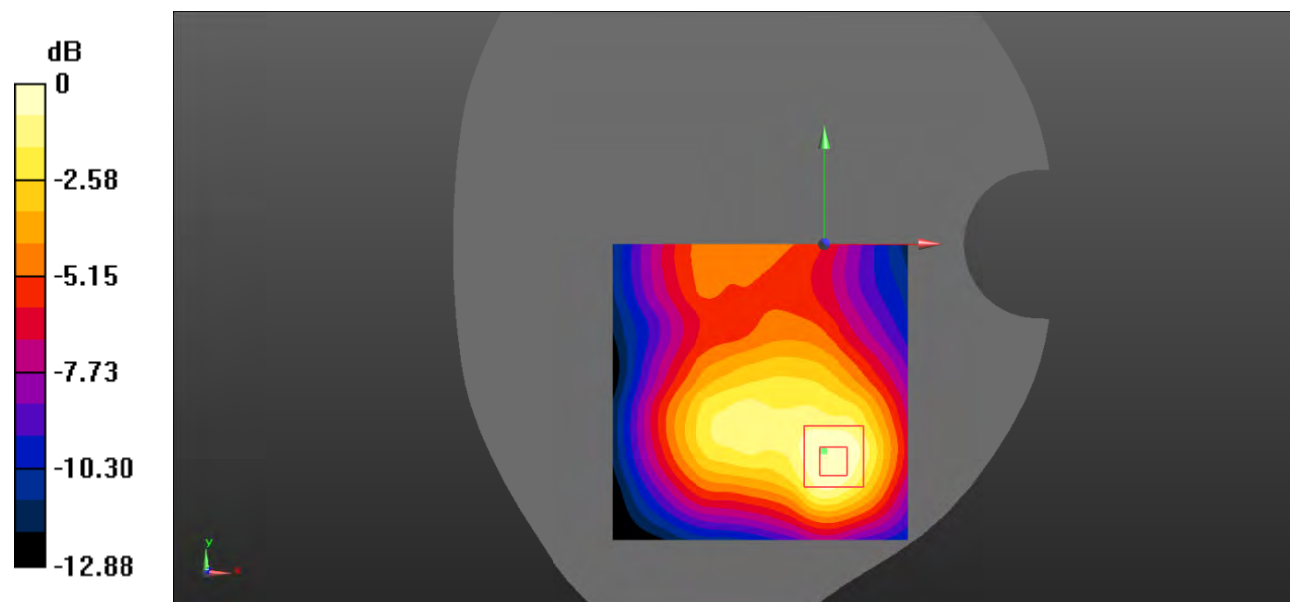
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.823 V/m ; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.683 W/kg

SAR(1 g) = 0.415 W/kg ; SAR(10 g) = 0.241 W/kg

Maximum value of SAR (measured) = 0.432 W/kg



0 dB = $0.432 \text{ W/kg} = -3.65 \text{ dBW/kg}$

Test Plot 24#: WCDMA Band 2_Body Left_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Communication System: UID 0, WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.729$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

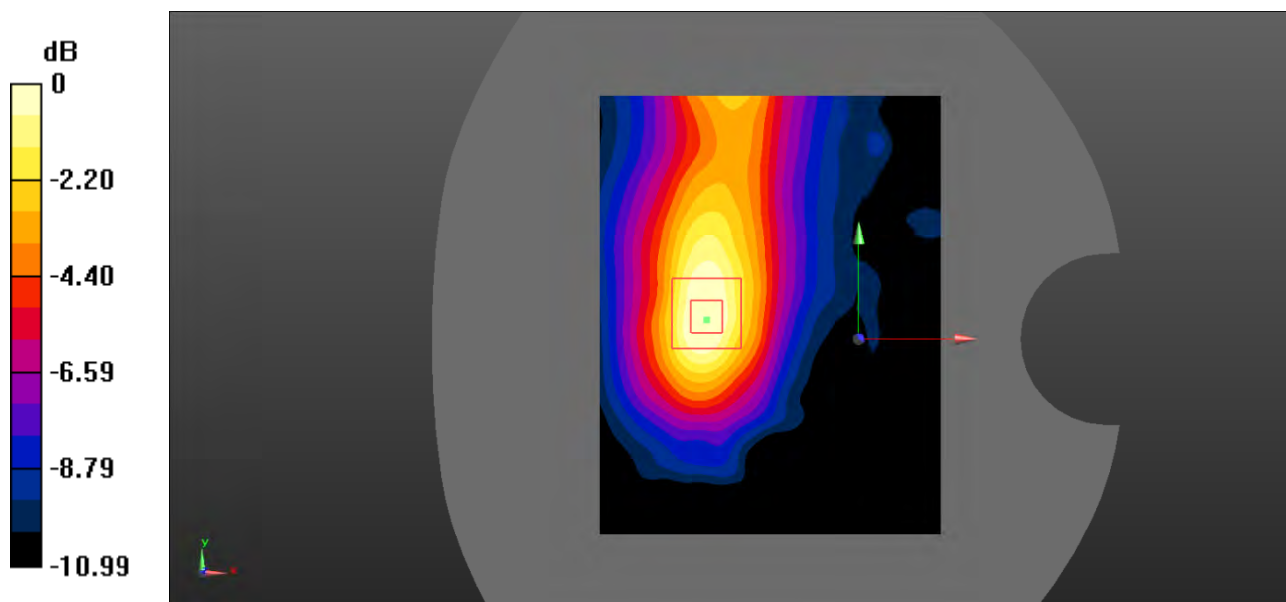
- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.268 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 5.827 V/m ; Power Drift = 0.15 dB
 Peak SAR (extrapolated) = 0.362 W/kg

SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.134 W/kg

Maximum value of SAR (measured) = 0.248 W/kg



0 dB = $0.248 \text{ W/kg} = -6.06 \text{ dBW/kg}$

Test Plot 25#: WCDMA Band 2_Body Right_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Communication System: UID 0, WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.729$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.0630 W/kg

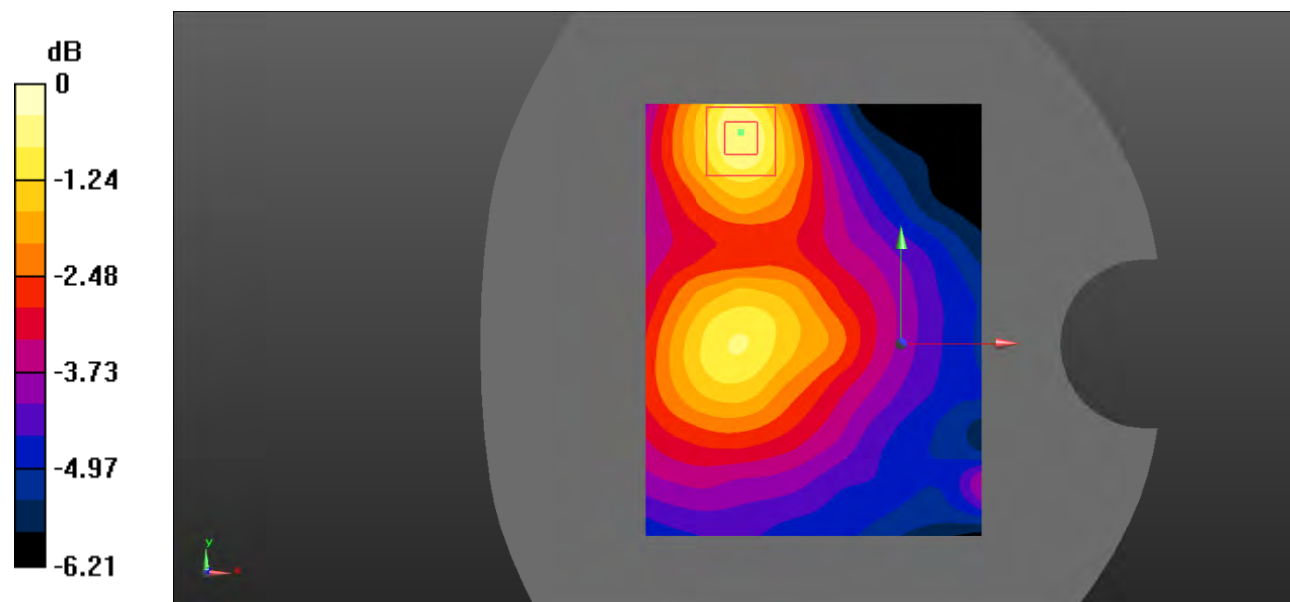
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.292 V/m ; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.0820 W/kg

SAR(1 g) = 0.058 W/kg ; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.0616 W/kg



0 dB = $0.0616 \text{ W/kg} = -12.10 \text{ dBW/kg}$

Test Plot 26#: WCDMA Band 2_Body Bottom_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Communication System: UID 0, WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.729$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.0881 W/kg

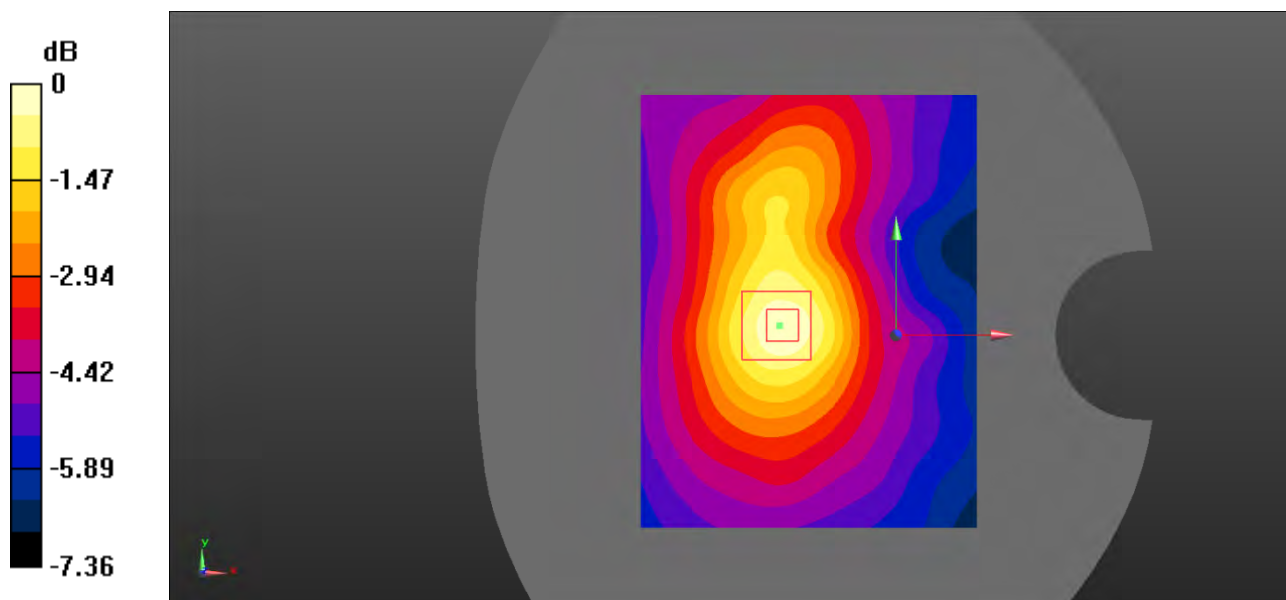
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.444 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.126 W/kg

SAR(1 g) = 0.084 W/kg ; SAR(10 g) = 0.057 W/kg

Maximum value of SAR (measured) = 0.0895 W/kg



0 dB = 0.0895 W/kg = -10.48 dBW/kg

Test Plot 27#: WCDMA Band 5_Head Left Cheek_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Communication System: UID 0, WCDMA; Frequency: 836.6 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 41.842$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.309 W/kg

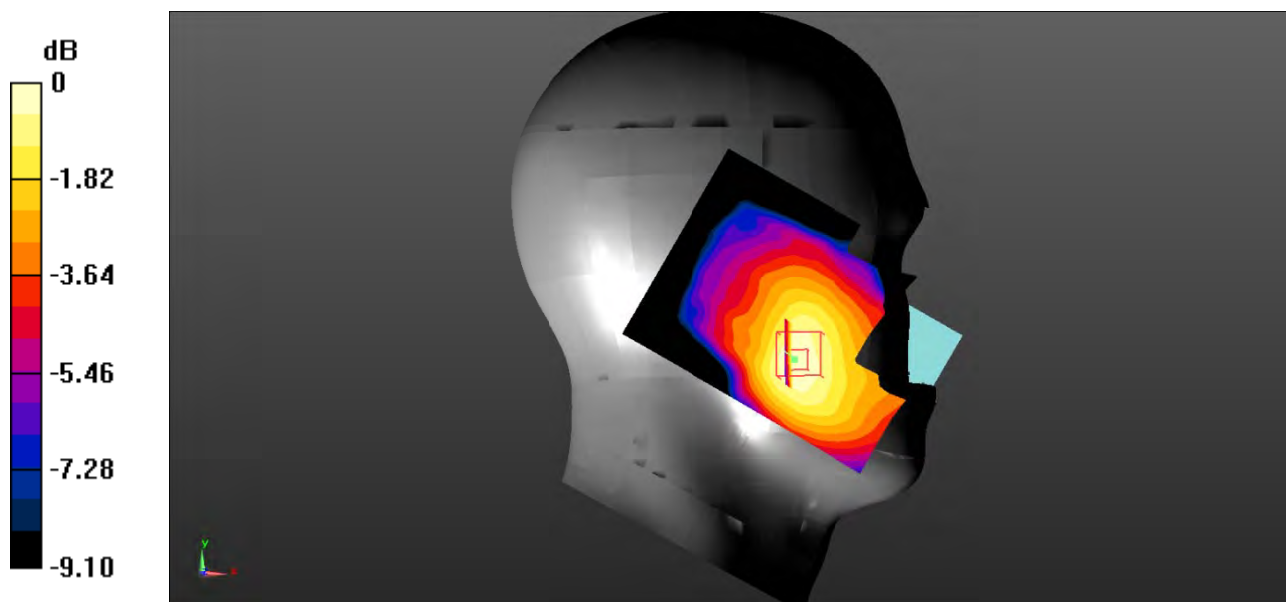
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.165 V/m ; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.395 W/kg

SAR(1 g) = 0.303 W/kg ; SAR(10 g) = 0.227 W/kg

Maximum value of SAR (measured) = 0.315 W/kg



0 dB = $0.315 \text{ W/kg} = -5.02 \text{ dBW/kg}$

Test Plot 28#: WCDMA Band 5_Head Left Tilt_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Communication System: UID 0, WCDMA; Frequency: 836.6 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 41.842$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.179 W/kg

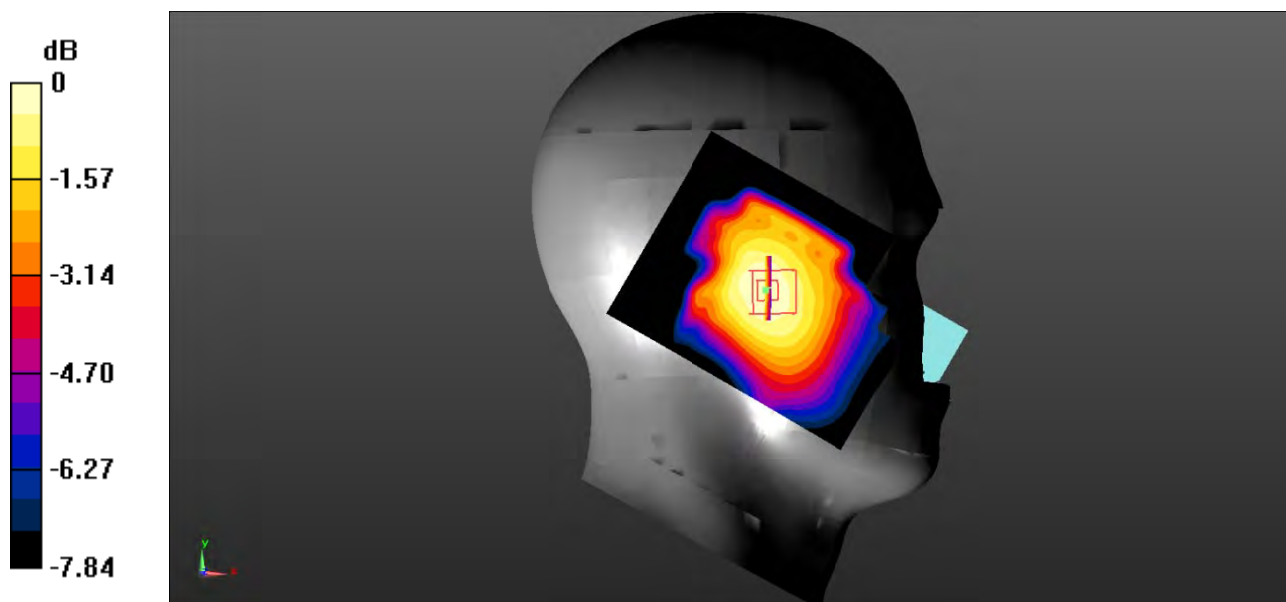
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.896 V/m ; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.216 W/kg

SAR(1 g) = 0.174 W/kg ; SAR(10 g) = 0.134 W/kg

Maximum value of SAR (measured) = 0.181 W/kg



0 dB = $0.181 \text{ W/kg} = -7.42 \text{ dBW/kg}$

Test Plot 29#: WCDMA Band 5_Head Right Cheek_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Communication System: UID 0, WCDMA; Frequency: 836.6 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 41.842$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

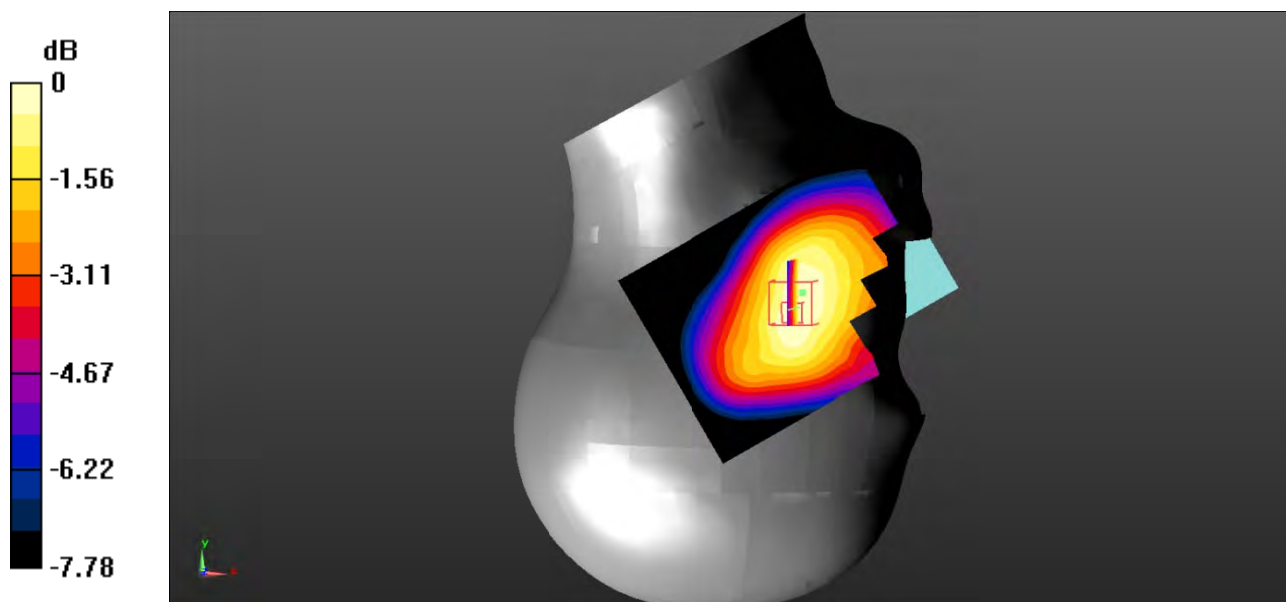
Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.253 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 8.194 V/m ; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.310 W/kg

SAR(1 g) = 0.248 W/kg ; SAR(10 g) = 0.191 W/kg

Maximum value of SAR (measured) = 0.255 W/kg



0 dB = $0.255 \text{ W/kg} = -5.93 \text{ dBW/kg}$

Test Plot 30#: WCDMA Band 5_Head Right Tilt_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Communication System: UID 0, WCDMA; Frequency: 836.6 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 41.842$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

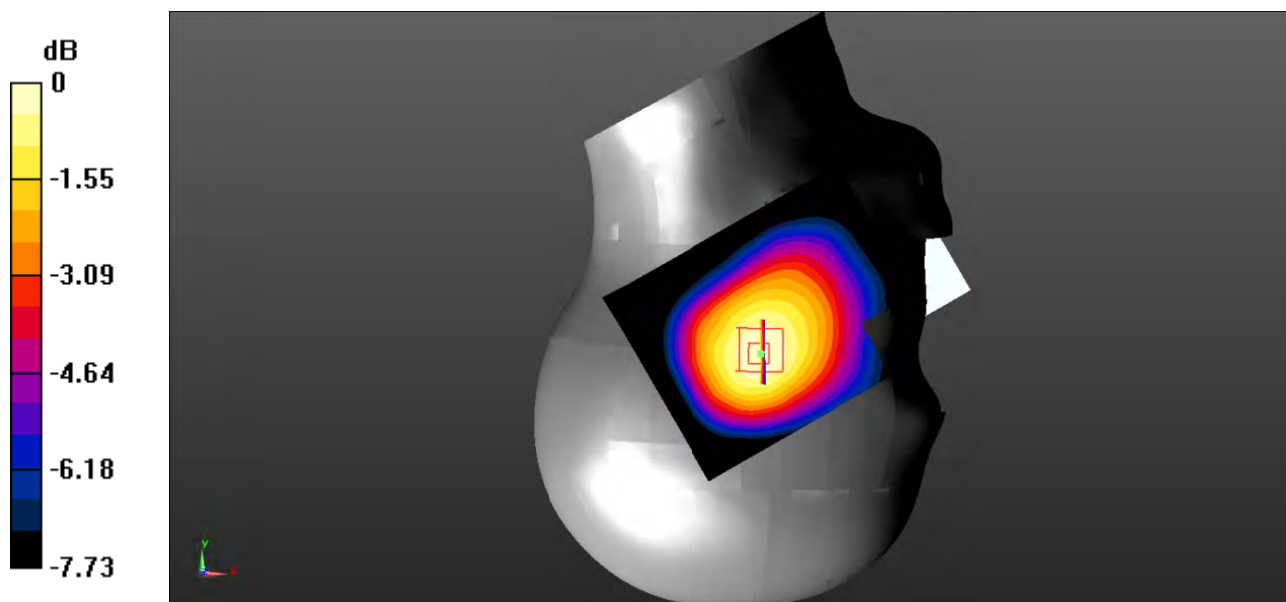
Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.184 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 11.41 V/m ; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.221 W/kg

SAR(1 g) = 0.179 W/kg ; SAR(10 g) = 0.137 W/kg

Maximum value of SAR (measured) = 0.186 W/kg



0 dB = $0.186 \text{ W/kg} = -7.30 \text{ dBW/kg}$

Test Plot 31#: WCDMA Band 5_Body Back_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Communication System: UID 0, WCDMA; Frequency: 836.6 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 41.842$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x71x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.559 W/kg

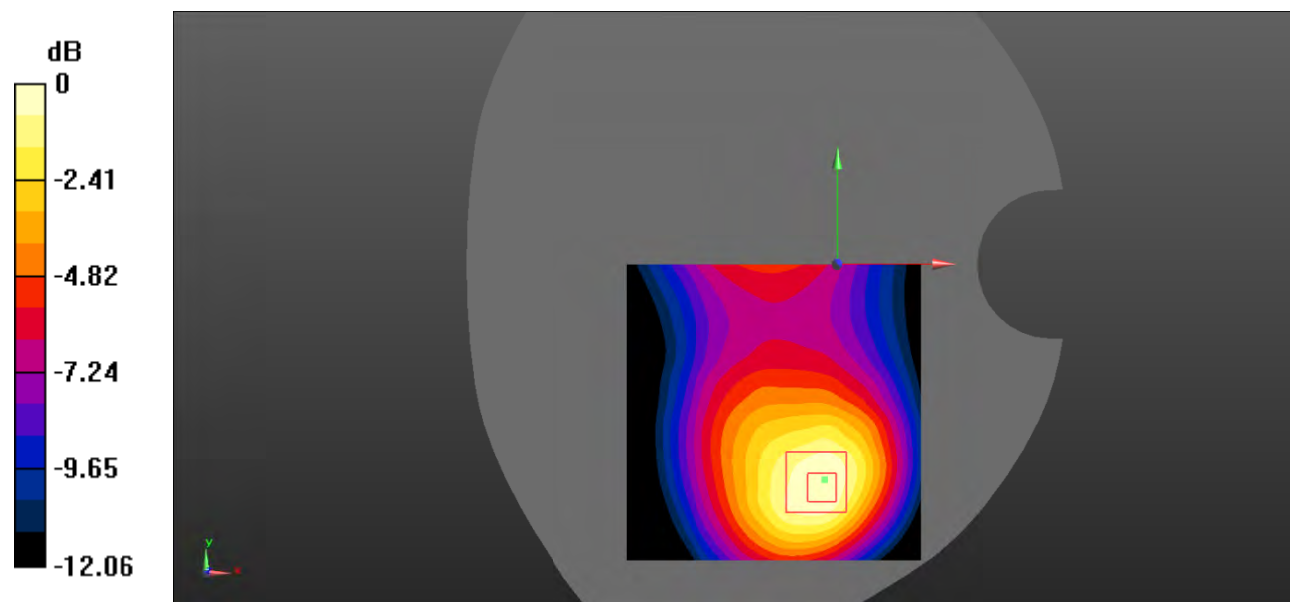
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.22 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.772 W/kg

SAR(1 g) = 0.511 W/kg ; SAR(10 g) = 0.326 W/kg

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



0 dB = $0.535 \text{ W/kg} = -2.72 \text{ dBW/kg}$

Test Plot 32#: WCDMA Band 5_Body Left_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Communication System: UID 0, WCDMA; Frequency: 836.6 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 41.842$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.274 W/kg

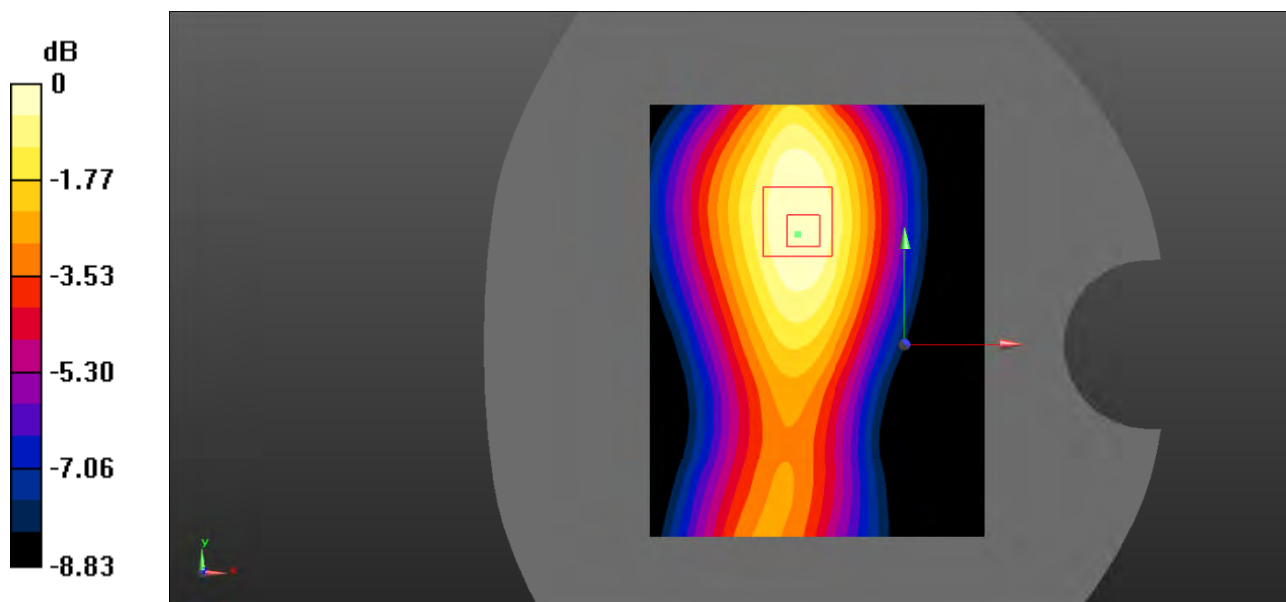
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.05 V/m ; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.365 W/kg

SAR(1 g) = 0.260 W/kg ; SAR(10 g) = 0.181 W/kg

Maximum value of SAR (measured) = 0.273 W/kg



0 dB = $0.273 \text{ W/kg} = -5.64 \text{ dBW/kg}$

Test Plot 33#: WCDMA Band 5_Body Right_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Communication System: UID 0, WCDMA; Frequency: 836.6 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 41.842$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.178 W/kg

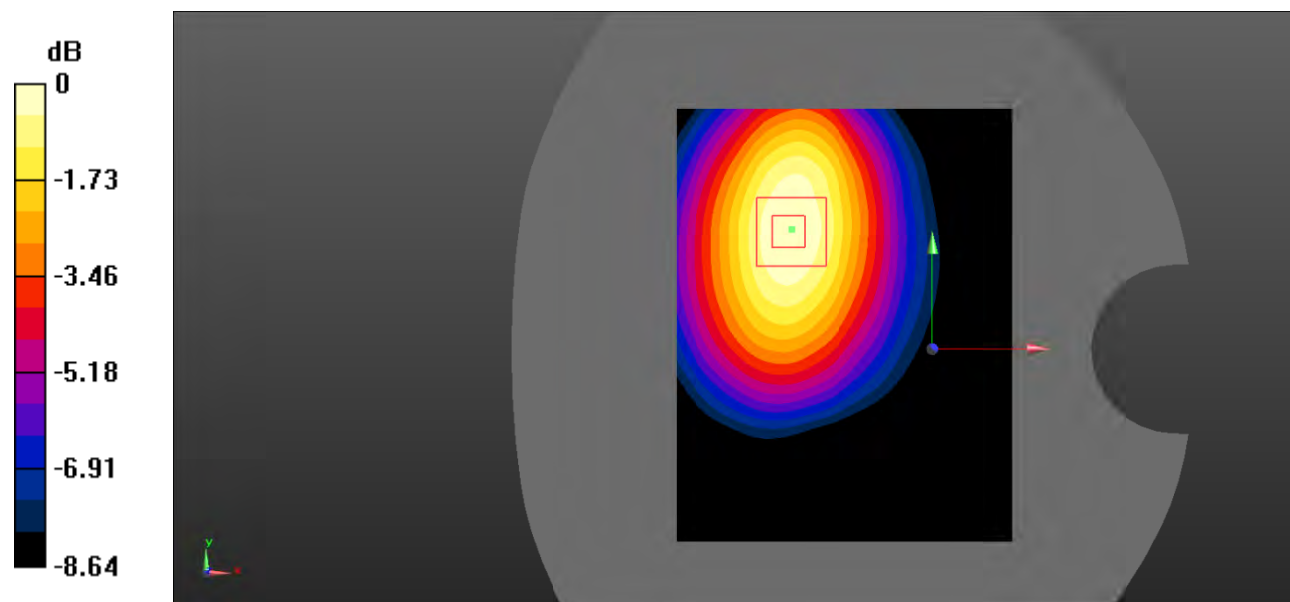
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.931 V/m ; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.234 W/kg

SAR(1 g) = 0.166 W/kg ; SAR(10 g) = 0.115 W/kg

Maximum value of SAR (measured) = 0.176 W/kg



0 dB = $0.176 \text{ W/kg} = -7.54 \text{ dBW/kg}$

Test Plot 34#: WCDMA Band 5_Body Bottom_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Communication System: UID 0, WCDMA; Frequency: 836.6 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 41.842$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.203 W/kg

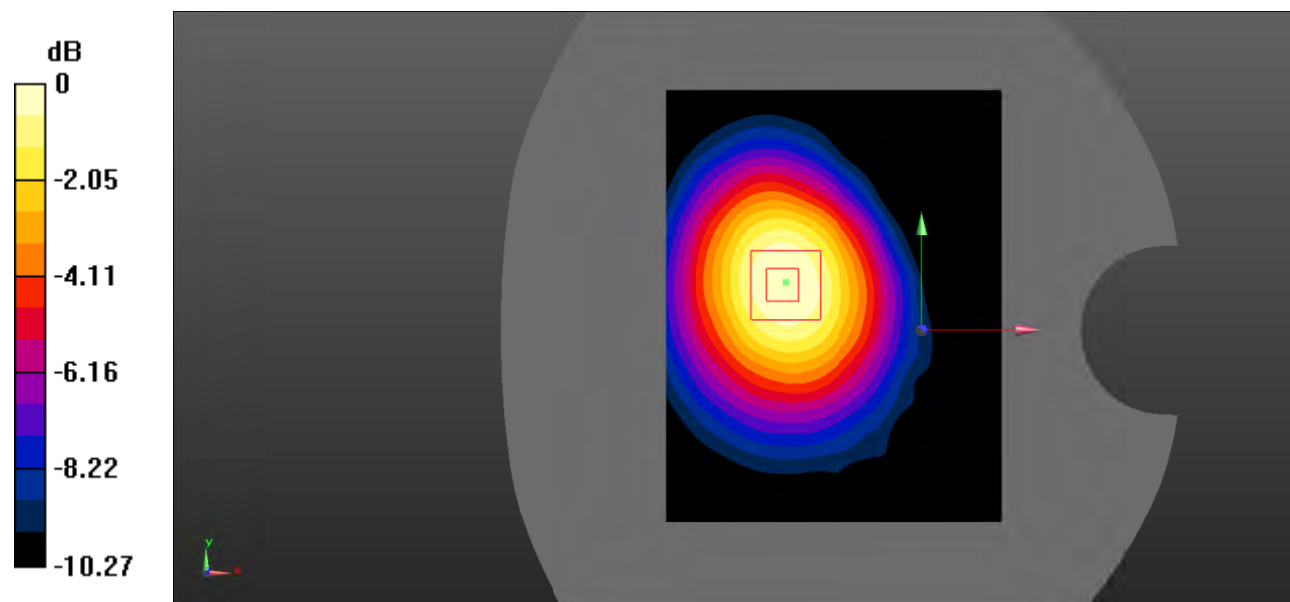
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.80 V/m ; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.273 W/kg

SAR(1 g) = 0.182 W/kg ; SAR(10 g) = 0.119 W/kg

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



0 dB = $0.193 \text{ W/kg} = -7.14 \text{ dBW/kg}$

Test Plot 35#: LTE Band 2_Head Left Cheek_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.729$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

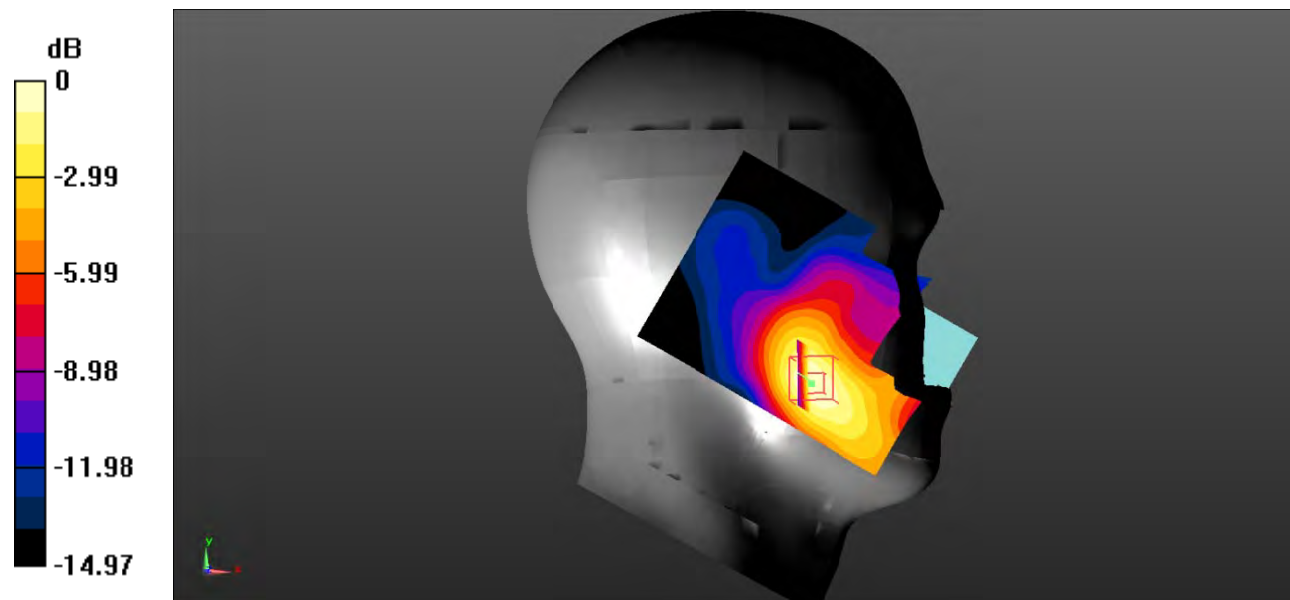
Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.705 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 5.505 V/m ; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.658 W/kg ; SAR(10 g) = 0.411 W/kg

Maximum value of SAR (measured) = 0.726 W/kg



0 dB = $0.726 \text{ W/kg} = -1.39 \text{ dBW/kg}$

Test Plot 36#: LTE Band 2_Head Left Cheek_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.729$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

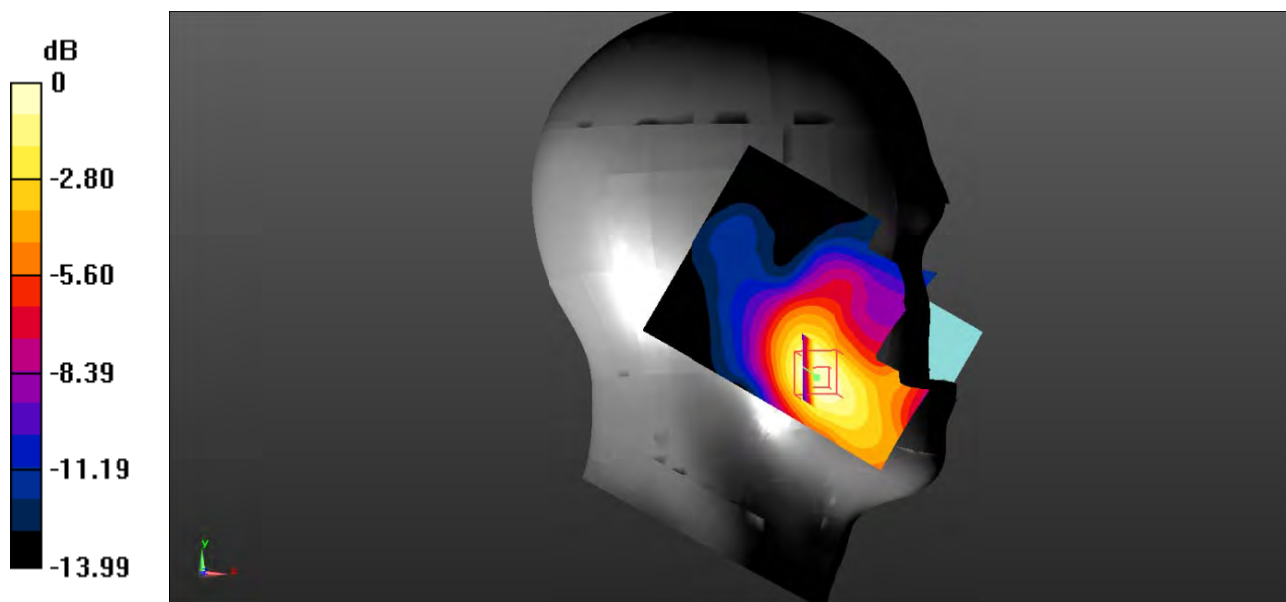
Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.592 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 4.992 V/m ; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.814 W/kg

SAR(1 g) = 0.528 W/kg ; SAR(10 g) = 0.328 W/kg

Maximum value of SAR (measured) = 0.583 W/kg



0 dB = $0.583 \text{ W/kg} = -2.34 \text{ dBW/kg}$

Test Plot 37#: LTE Band 2_Head Left Tilt_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.729$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.203 W/kg

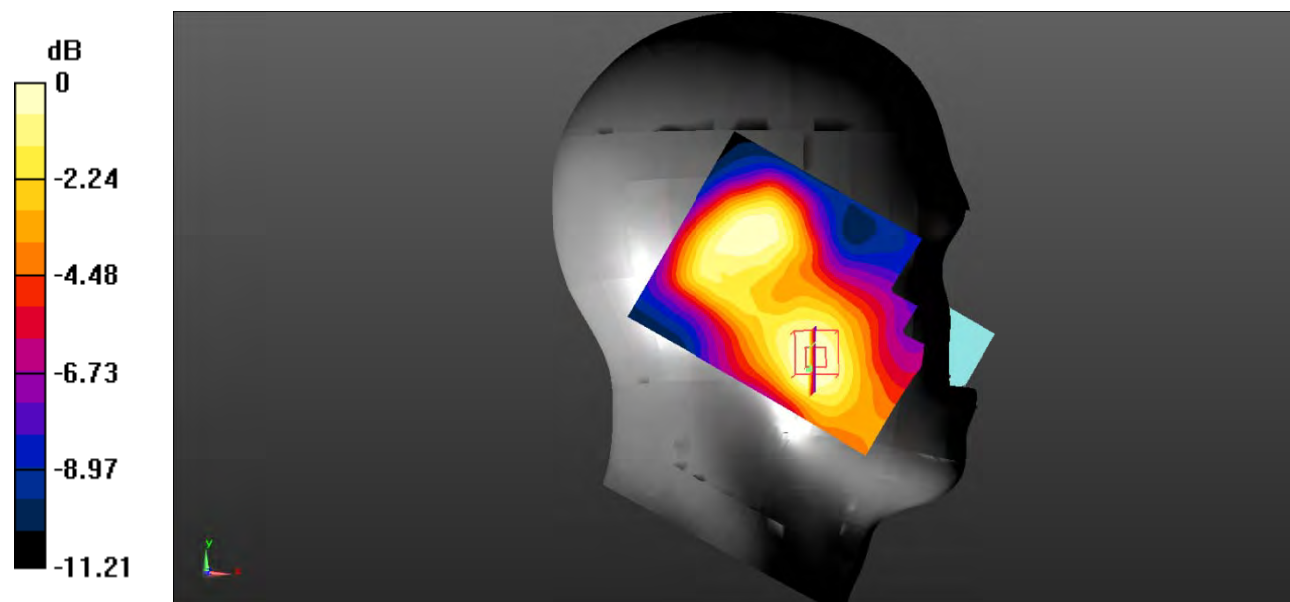
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.45 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.251 W/kg

SAR(1 g) = 0.182 W/kg ; SAR(10 g) = 0.125 W/kg

Maximum value of SAR (measured) = 0.189 W/kg



0 dB = $0.189 \text{ W/kg} = -7.24 \text{ dBW/kg}$

Test Plot 38#: LTE Band 2_Head Left Tilt_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.729$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

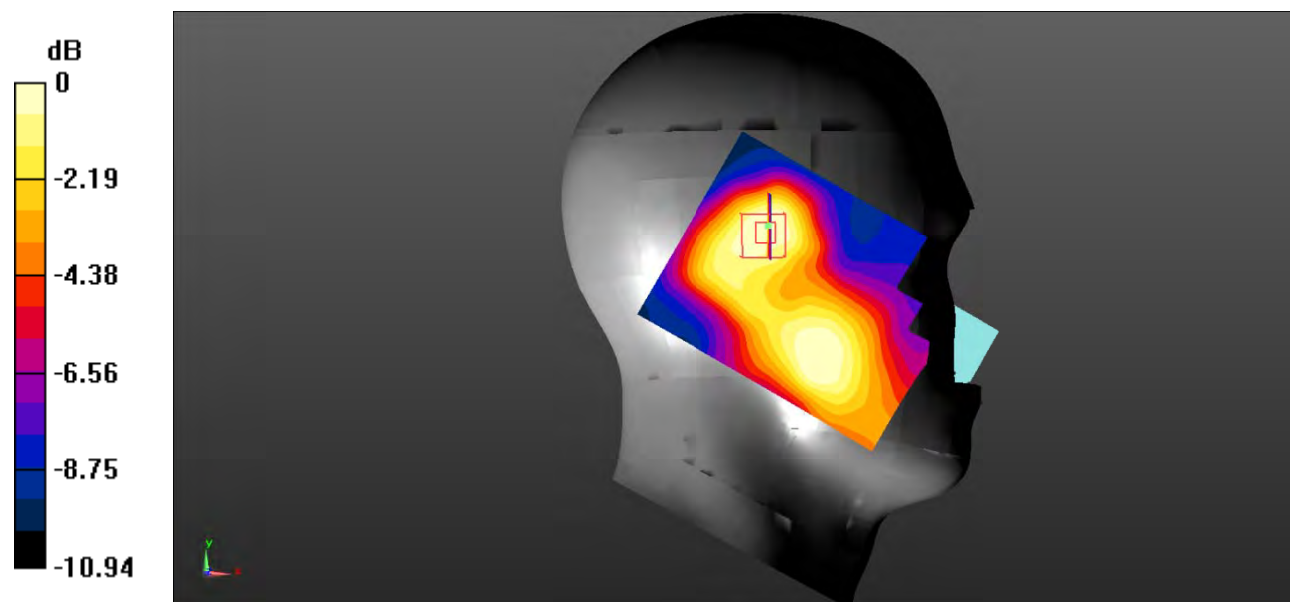
Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.176 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 9.241 V/m ; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.202 W/kg

SAR(1 g) = 0.142 W/kg ; SAR(10 g) = 0.095 W/kg

Maximum value of SAR (measured) = 0.151 W/kg



0 dB = $0.151 \text{ W/kg} = -8.21 \text{ dBW/kg}$

Test Plot 39#: LTE Band 2_Head Right Cheek_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.729$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

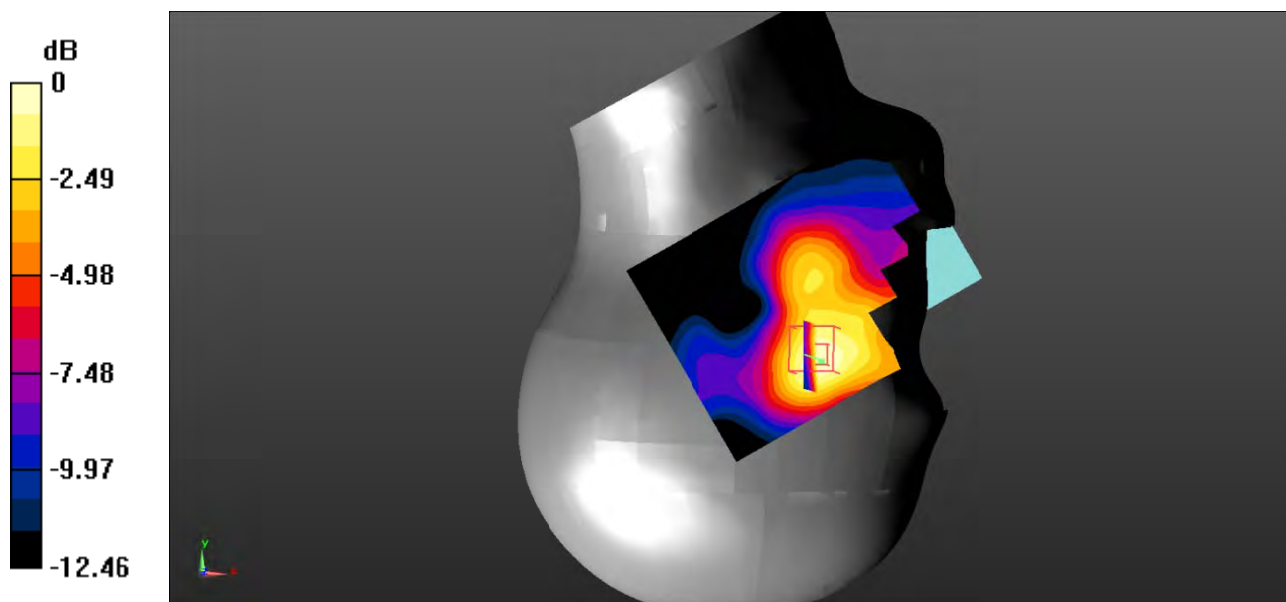
Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.415 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 5.756 V/m ; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.576 W/kg

SAR(1 g) = 0.386 W/kg ; SAR(10 g) = 0.248 W/kg

Maximum value of SAR (measured) = 0.421 W/kg



0 dB = $0.421 \text{ W/kg} = -3.76 \text{ dBW/kg}$

Test Plot 40#: LTE Band 2_Head Right Cheek_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.422$ S/m; $\epsilon_r = 39.729$; $\rho = 1000$ kg/m³ ;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

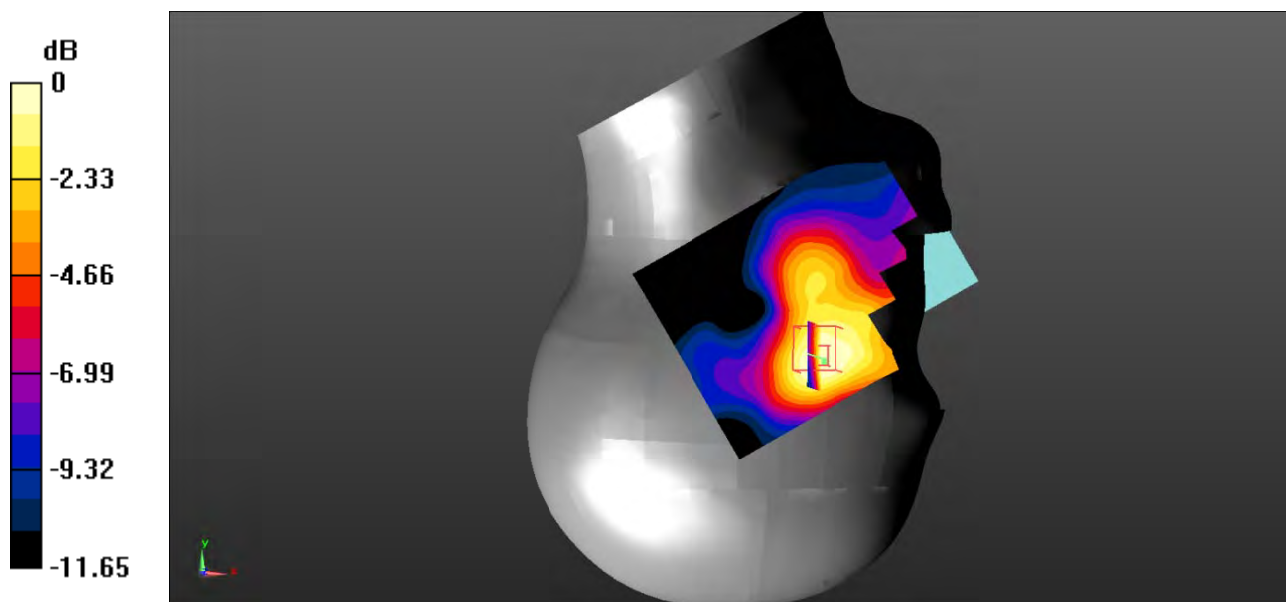
Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.351 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 5.038 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.430 W/kg

SAR(1 g) = 0.297 W/kg; SAR(10 g) = 0.195 W/kg

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



0 dB = 0.321 W/kg = -4.93 dBW/kg

Test Plot 41#: LTE Band 2_Head Right Tilt_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.422$ S/m; $\epsilon_r = 39.729$; $\rho = 1000$ kg/m³ ;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

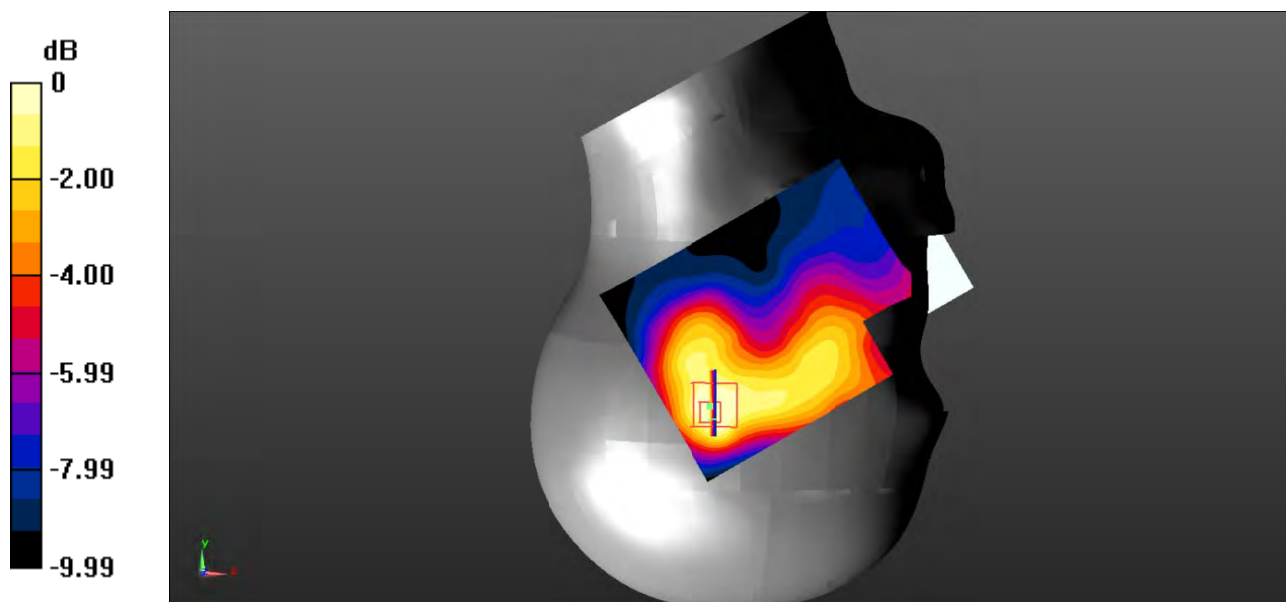
Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.186 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 9.094 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.234 W/kg

SAR(1 g) = 0.158 W/kg; SAR(10 g) = 0.102 W/kg

Maximum value of SAR (measured) = 0.167 W/kg



0 dB = 0.167 W/kg = -7.77 dBW/kg

Test Plot 42#: LTE Band 2_Head Right Tilt_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.422$ S/m; $\epsilon_r = 39.729$; $\rho = 1000$ kg/m³ ;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

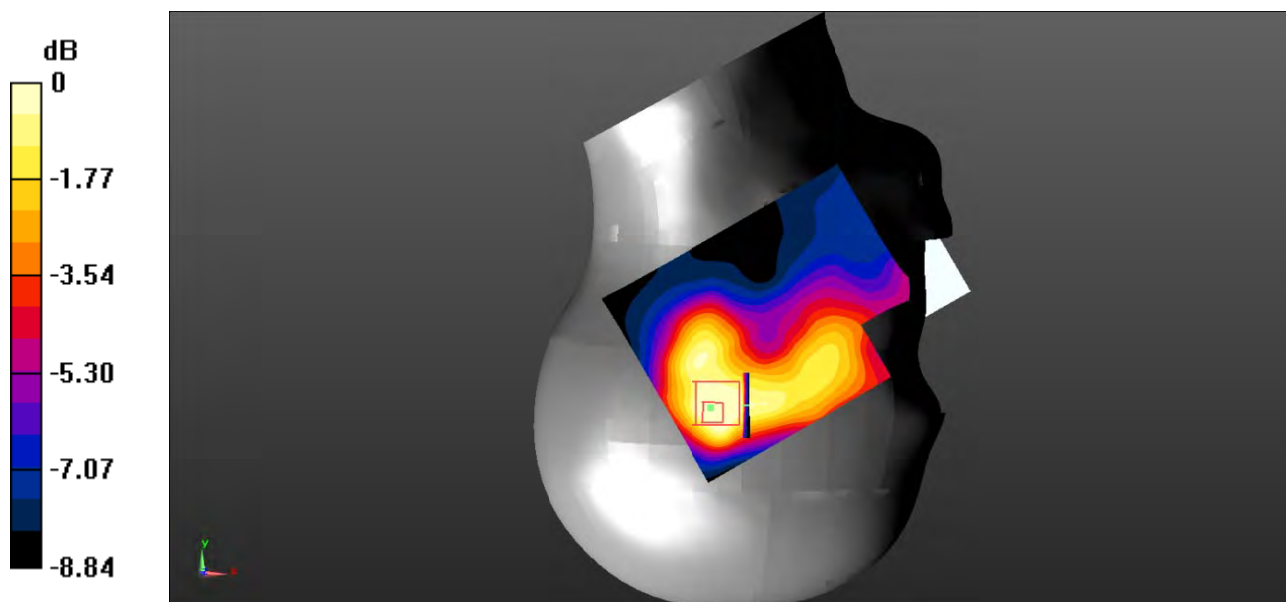
Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.151 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 8.312 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.082 W/kg

Maximum value of SAR (measured) = 0.128 W/kg



0 dB = 0.128 W/kg = -8.93 dBW/kg

Test Plot 43#: LTE Band 2_Body Back_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.729$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (81x71x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.586 W/kg

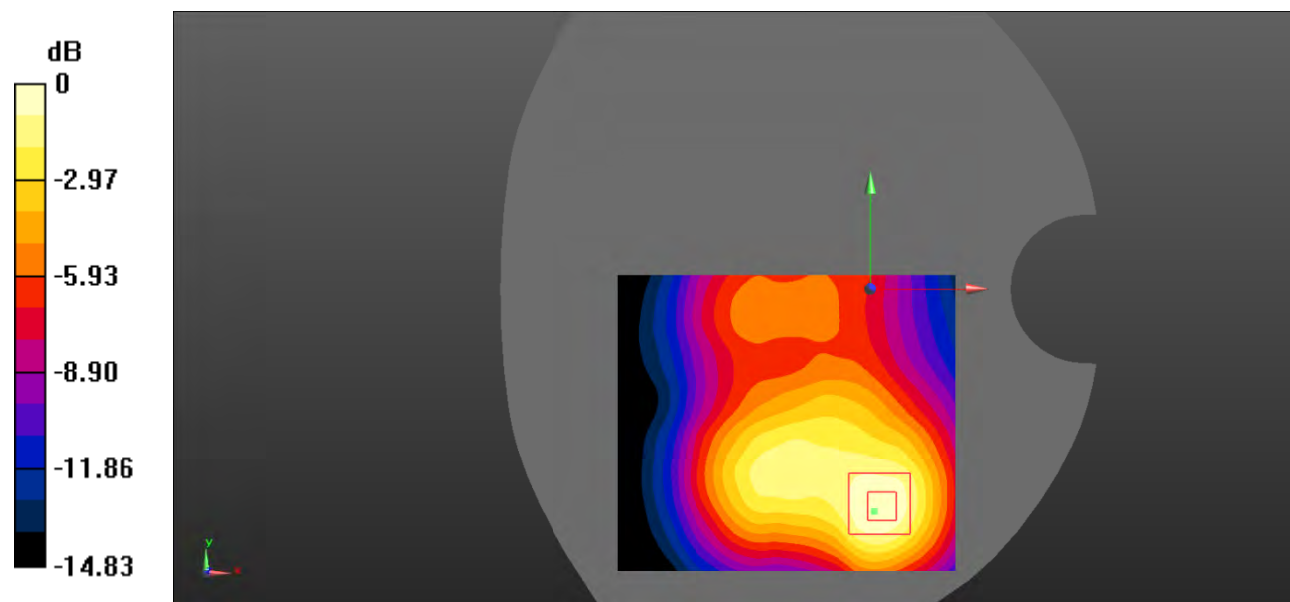
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.43 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.863 W/kg

SAR(1 g) = 0.531 W/kg ; SAR(10 g) = 0.307 W/kg

Maximum value of SAR (measured) = 0.572 W/kg



0 dB = $0.572 \text{ W/kg} = -2.43 \text{ dBW/kg}$

Test Plot 44#: LTE Band 2_Body Back_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.729$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (81x71x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.478 W/kg

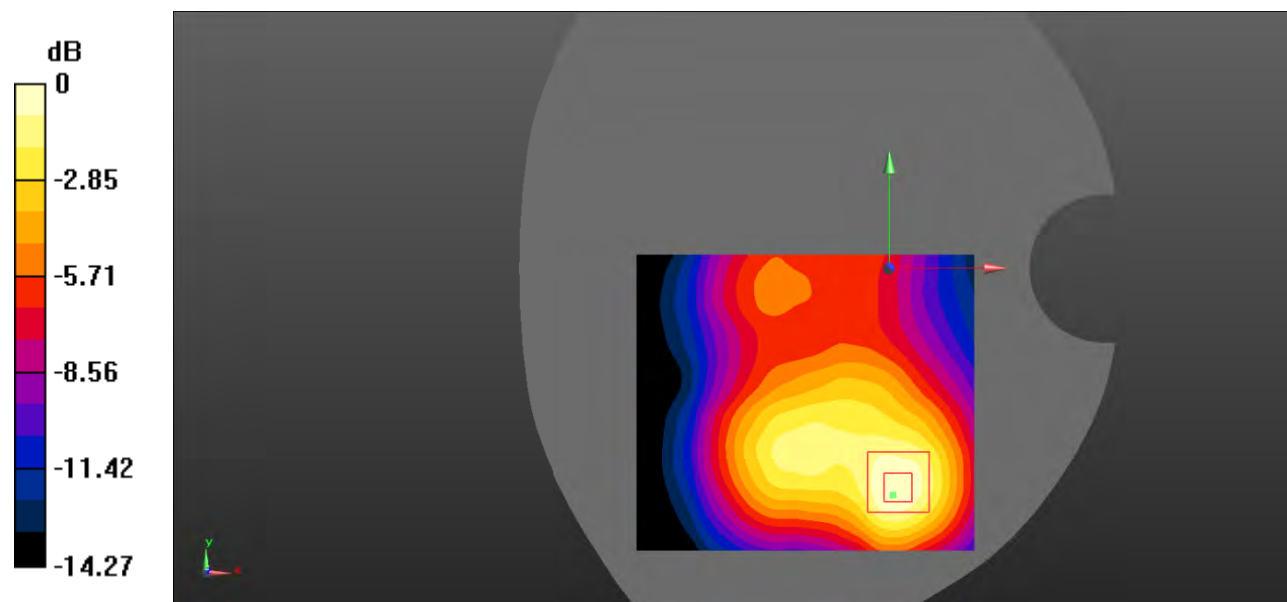
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.392 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.725 W/kg

SAR(1 g) = 0.437 W/kg ; SAR(10 g) = 0.251 W/kg

Maximum value of SAR (measured) = 0.470 W/kg



0 dB = $0.470 \text{ W/kg} = -3.28 \text{ dBW/kg}$

Test Plot 45#: LTE Band 2_Body Left_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.729$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.436 W/kg

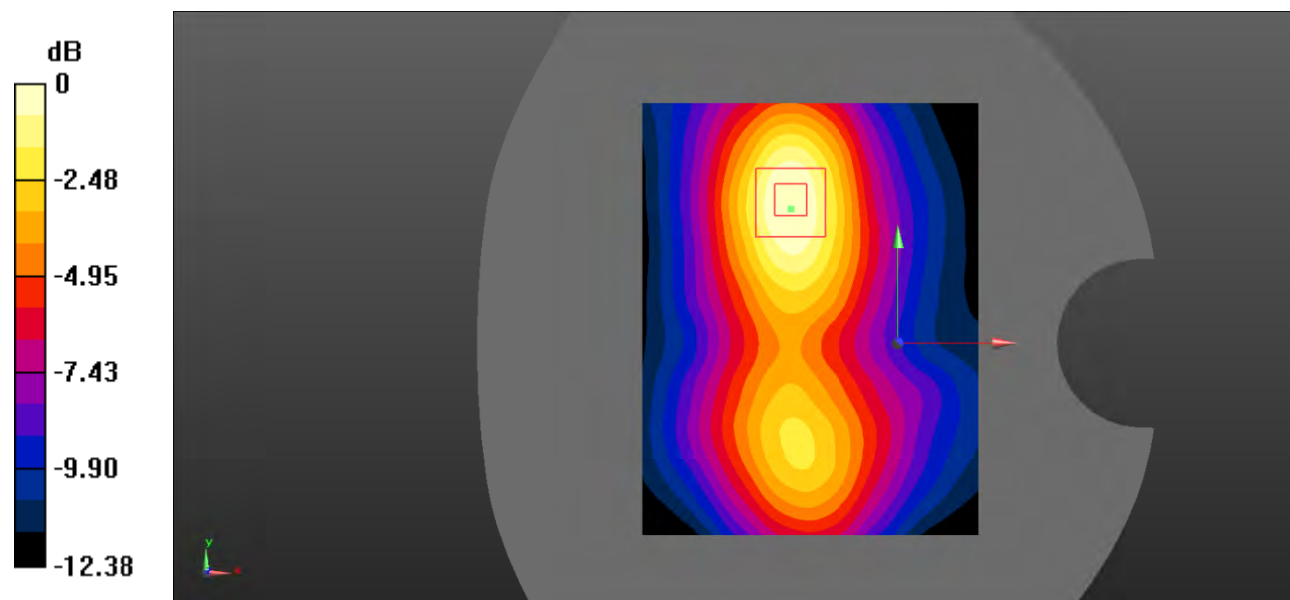
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.903 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.592 W/kg

SAR(1 g) = 0.384 W/kg ; SAR(10 g) = 0.233 W/kg

Maximum value of SAR (measured) = 0.412 W/kg



0 dB = $0.412 \text{ W/kg} = -3.85 \text{ dBW/kg}$

Test Plot 46#: LTE Band 2_Body Left_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.729$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

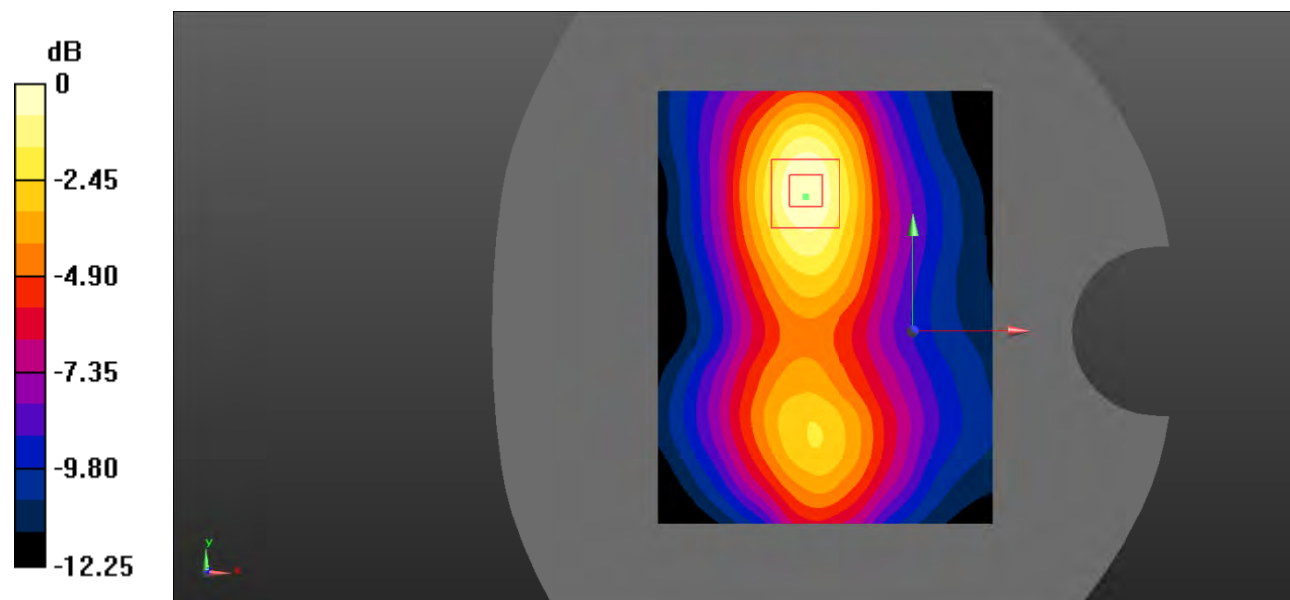
Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.352 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 8.999 V/m ; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.493 W/kg

SAR(1 g) = 0.318 W/kg ; SAR(10 g) = 0.192 W/kg

Maximum value of SAR (measured) = 0.348 W/kg



0 dB = $0.348 \text{ W/kg} = -4.58 \text{ dBW/kg}$

Test Plot 47#: LTE Band 2_Body Right_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.422$ S/m; $\epsilon_r = 39.729$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.0608 W/kg

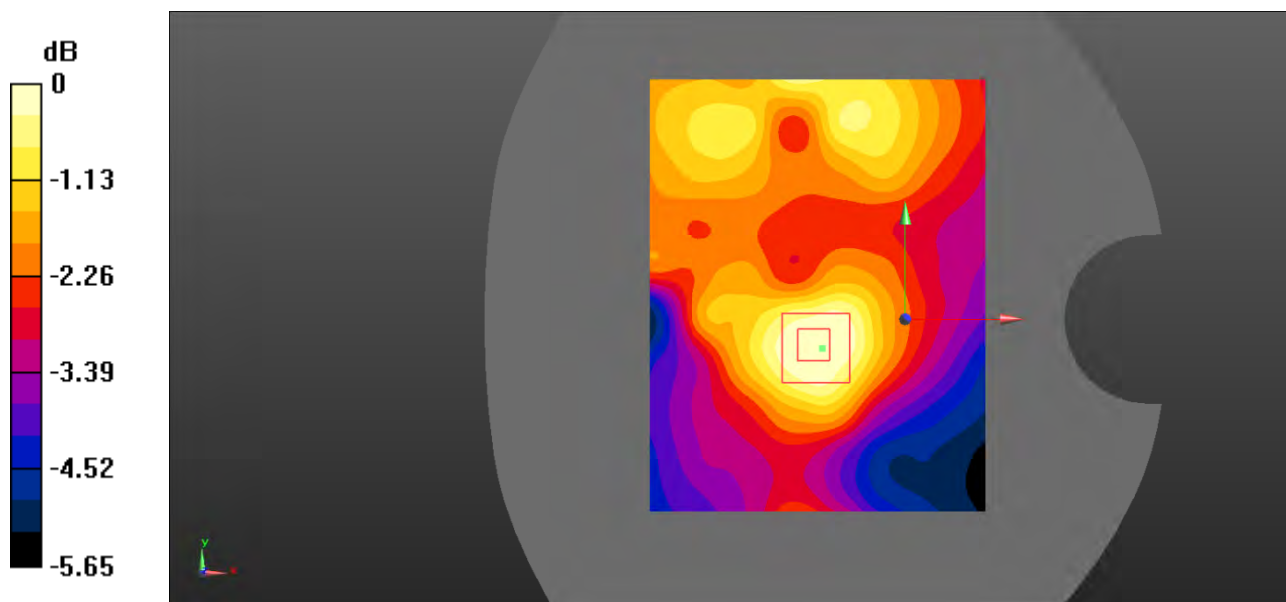
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.105 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.0870 W/kg

SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.037 W/kg

Maximum value of SAR (measured) = 0.0563 W/kg



0 dB = 0.0563 W/kg = -12.49 dBW/kg

Test Plot 48#: LTE Band 2_Body Right_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.422$ S/m; $\epsilon_r = 39.729$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.0489 W/kg

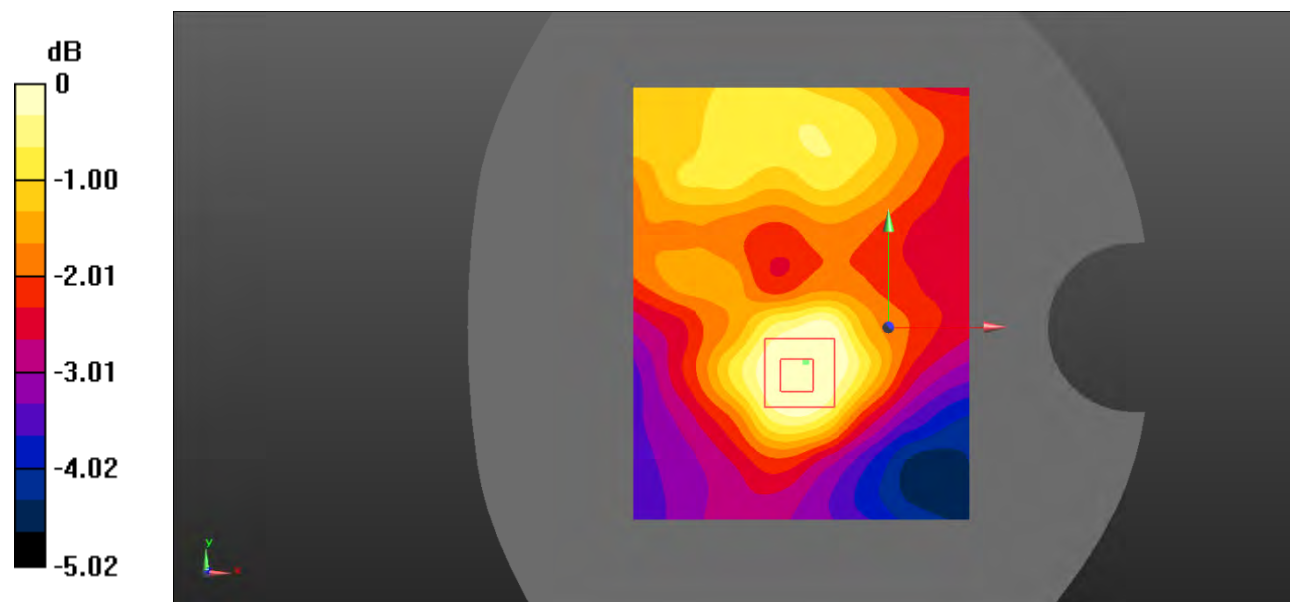
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.932 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.0940 W/kg

SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.032 W/kg

Maximum value of SAR (measured) = 0.0444 W/kg



0 dB = 0.0444 W/kg = -13.53 dBW/kg

Test Plot 49#: LTE Band 2_Body Bottom_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 39.729$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.0349 W/kg

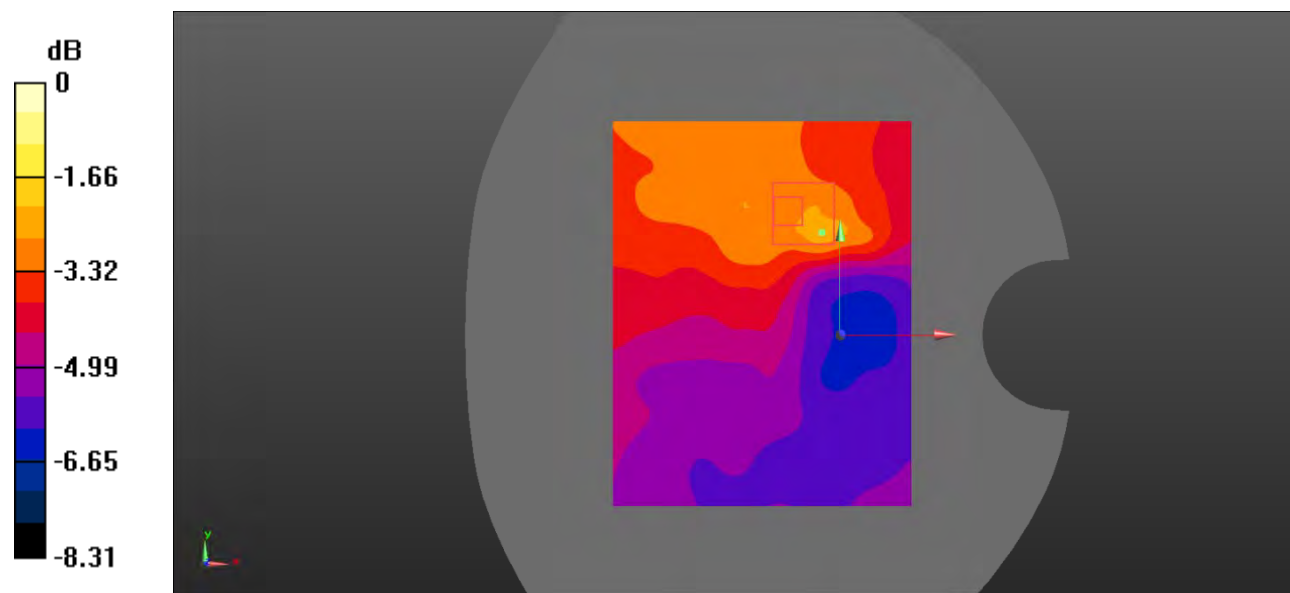
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.872 V/m ; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.0530 W/kg

SAR(1 g) = 0.033 W/kg ; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.0341 W/kg



0 dB = 0.0341 W/kg = -14.67 dBW/kg

Test Plot 50#: LTE Band 2_Body Bottom_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.422$ S/m; $\epsilon_r = 39.729$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.95, 7.95, 7.95)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.0286 W/kg

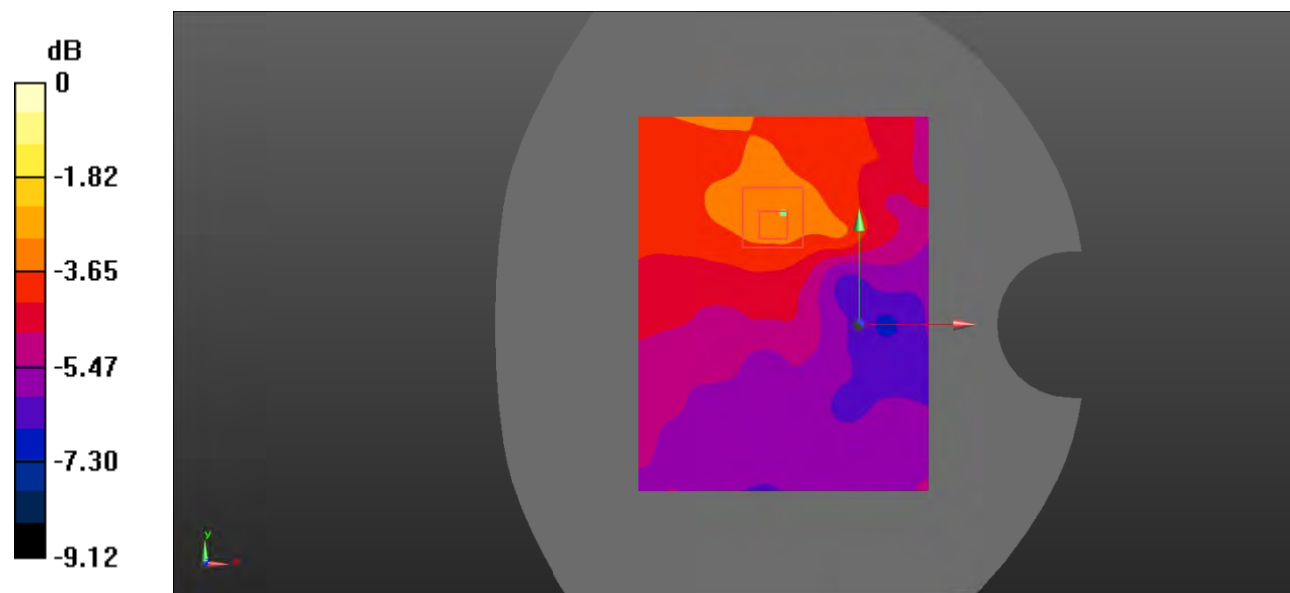
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.732 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.0840 W/kg

SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.023 W/kg

Maximum value of SAR (measured) = 0.0369 W/kg



0 dB = 0.0369 W/kg = -14.33 dBW/kg

Test Plot 51#: LTE Band 4_Head Left Cheek_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.918$ S/m; $\epsilon_r = 38.456$; $\rho = 1000$ kg/m³ ;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.21, 8.21, 8.21)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

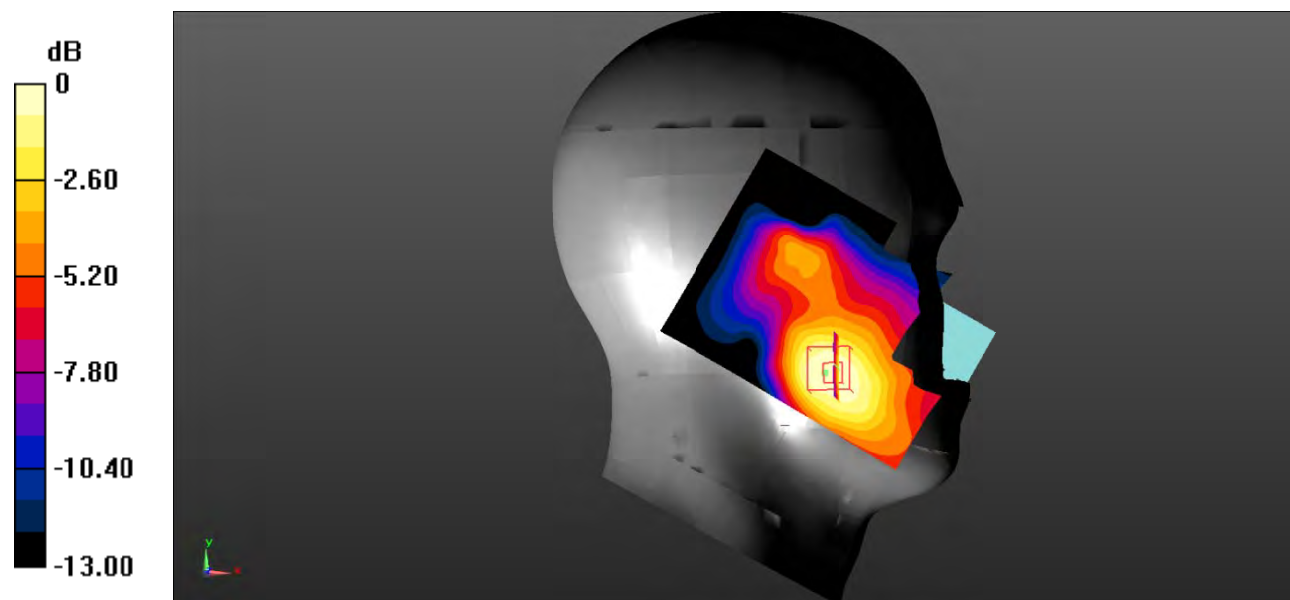
Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.401 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 3.913 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.512 W/kg

SAR(1 g) = 0.361 W/kg; SAR(10 g) = 0.238 W/kg

Maximum value of SAR (measured) = 0.372 W/kg



0 dB = 0.372 W/kg = -4.29 dBW/kg

Test Plot 52#: LTE Band 4_Head Left Cheek_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.918$ S/m; $\epsilon_r = 38.456$; $\rho = 1000$ kg/m³ ;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.21, 8.21, 8.21)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.336 W/kg

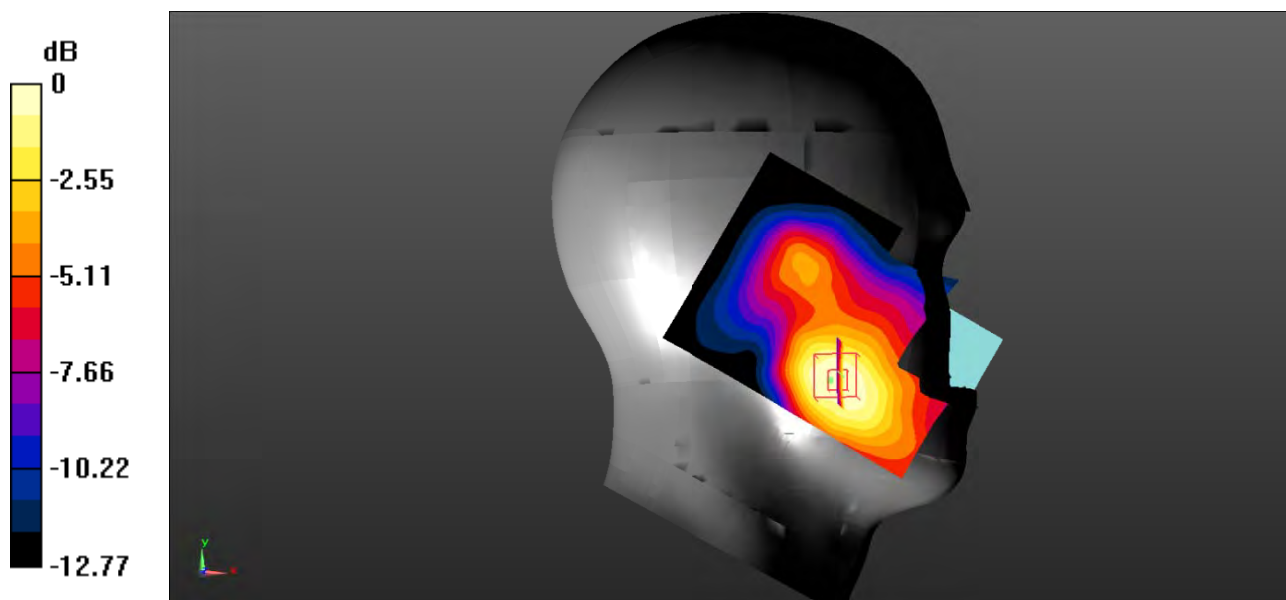
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.753 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.419 W/kg

SAR(1 g) = 0.297 W/kg; SAR(10 g) = 0.197 W/kg

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



0 dB = 0.306 W/kg = -5.14 dBW/kg

Test Plot 53#: LTE Band 4_Head Left Tilt_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1732.5 \text{ MHz}$; $\sigma = 1.918 \text{ S/m}$; $\epsilon_r = 38.456$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.21, 8.21, 8.21)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.186 W/kg

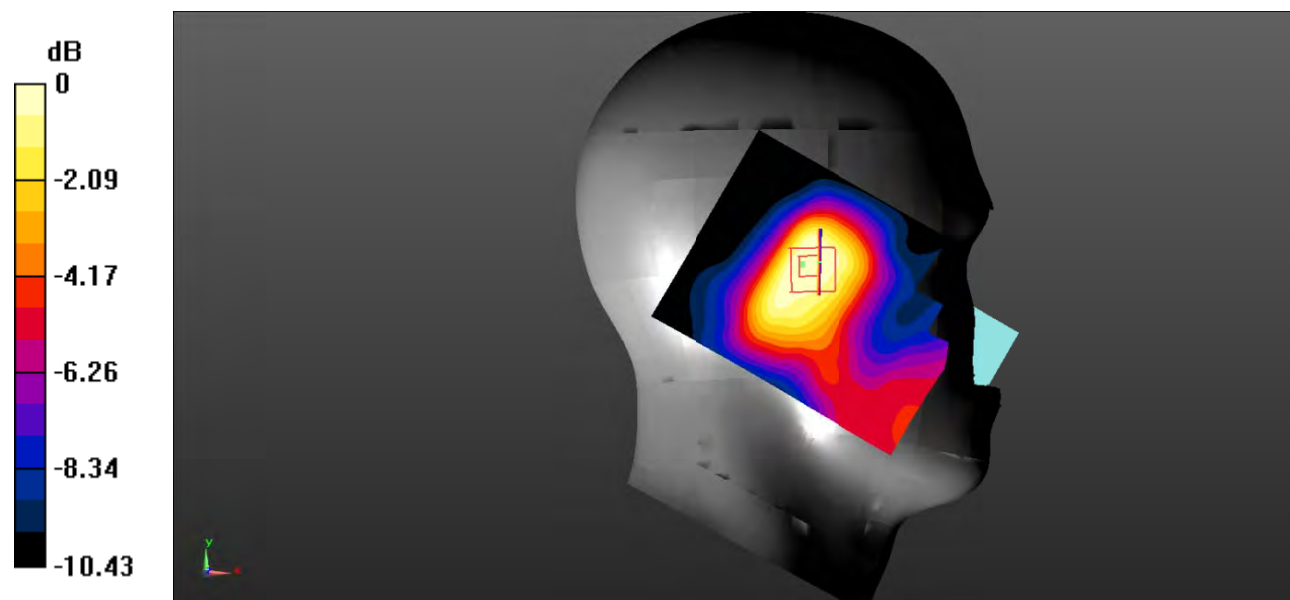
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.864 V/m ; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.220 W/kg

SAR(1 g) = 0.162 W/kg ; SAR(10 g) = 0.112 W/kg

Maximum value of SAR (measured) = 0.166 W/kg



0 dB = $0.166 \text{ W/kg} = -7.80 \text{ dBW/kg}$

Test Plot 54#: LTE Band 4_Head Left Tilt_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.918$ S/m; $\epsilon_r = 38.456$; $\rho = 1000$ kg/m³ ;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.21, 8.21, 8.21)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.138 W/kg

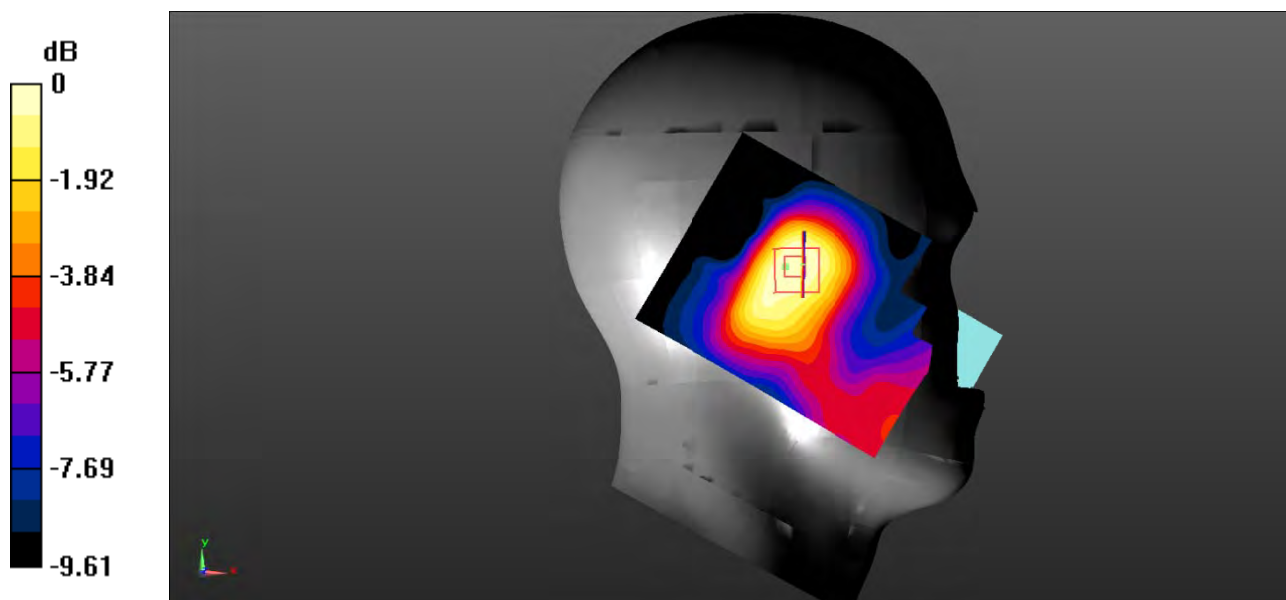
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.066 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.172 W/kg

SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.089 W/kg

Maximum value of SAR (measured) = 0.131 W/kg



0 dB = 0.131 W/kg = -8.83 dBW/kg

Test Plot 55#: LTE Band 4_Head Right Cheek_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.918$ S/m; $\epsilon_r = 38.456$; $\rho = 1000$ kg/m³ ;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.21, 8.21, 8.21)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

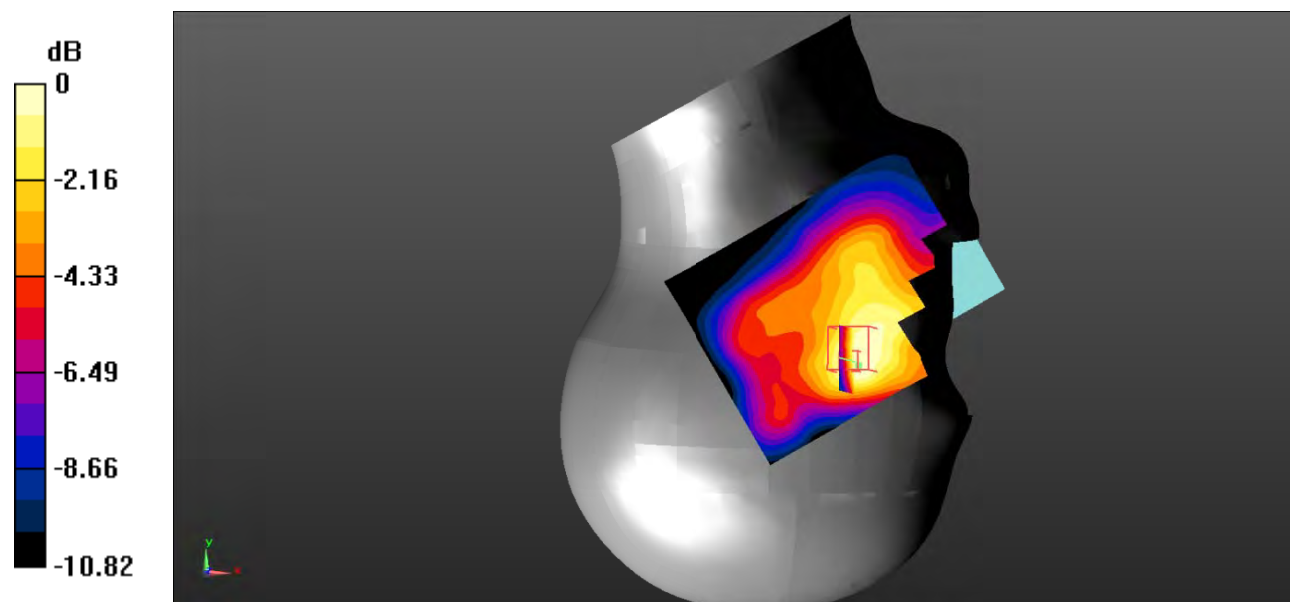
Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.196 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 4.829 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.249 W/kg

SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.120 W/kg

Maximum value of SAR (measured) = 0.182 W/kg



0 dB = 0.182 W/kg = -7.40 dBW/kg

Test Plot 56#: LTE Band 4_Head Right Cheek_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.918$ S/m; $\epsilon_r = 38.456$; $\rho = 1000$ kg/m³ ;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.21, 8.21, 8.21)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

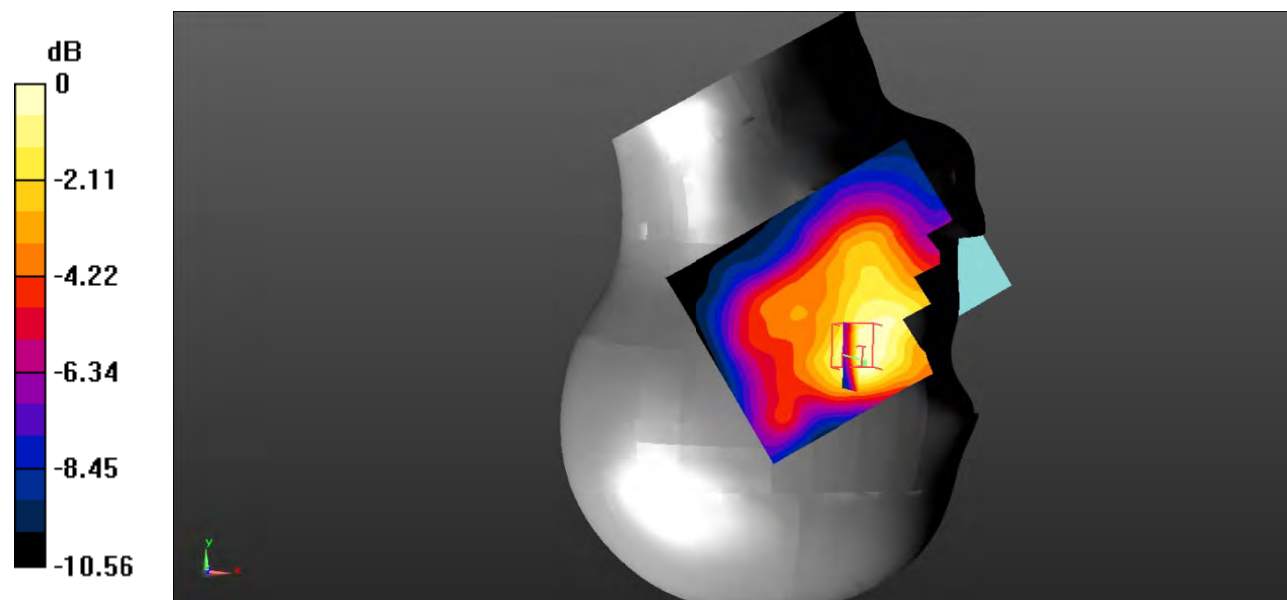
Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.154 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 4.610 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.199 W/kg

SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.100 W/kg

Maximum value of SAR (measured) = 0.149 W/kg



0 dB = 0.149 W/kg = -8.27 dBW/kg

Test Plot 57#: LTE Band 4_Head Right Tilt_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.918$ S/m; $\epsilon_r = 38.456$; $\rho = 1000$ kg/m³ ;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.21, 8.21, 8.21)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

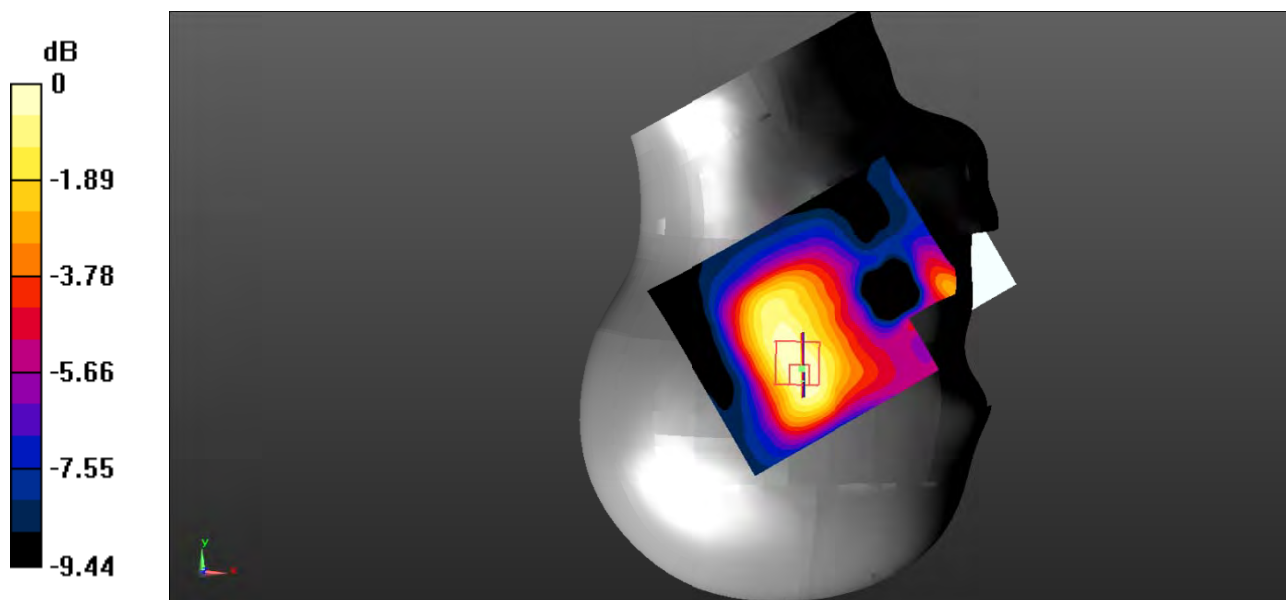
Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.135 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 7.284 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.169 W/kg

SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.081 W/kg

Maximum value of SAR (measured) = 0.129 W/kg



0 dB = 0.129 W/kg = -8.89 dBW/kg

Test Plot 58#: LTE Band 4_Head Right Tilt_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1732.5 \text{ MHz}$; $\sigma = 1.918 \text{ S/m}$; $\epsilon_r = 38.456$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.21, 8.21, 8.21)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

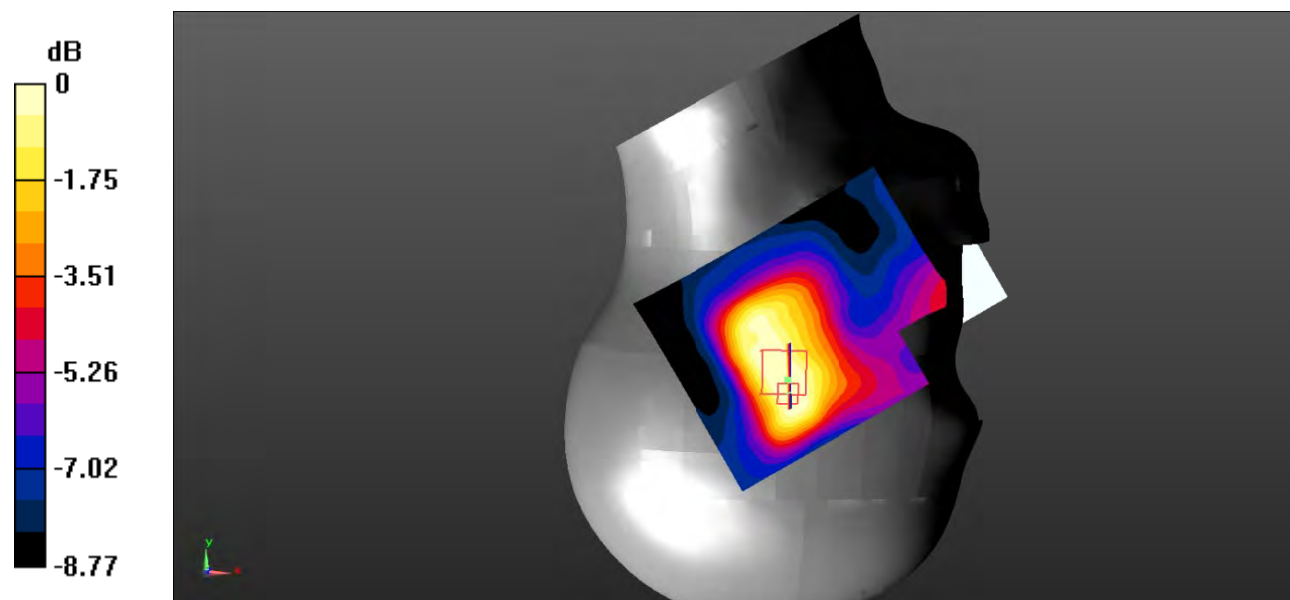
Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.111 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 6.771 V/m ; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.141 W/kg

SAR(1 g) = 0.099 W/kg ; SAR(10 g) = 0.067 W/kg

Maximum value of SAR (measured) = 0.104 W/kg



0 dB = $0.104 \text{ W/kg} = -9.83 \text{ dBW/kg}$

Test Plot 59#: LTE Band 4_Body Back_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.918$ S/m; $\epsilon_r = 38.456$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.21, 8.21, 8.21)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (81x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.604 W/kg

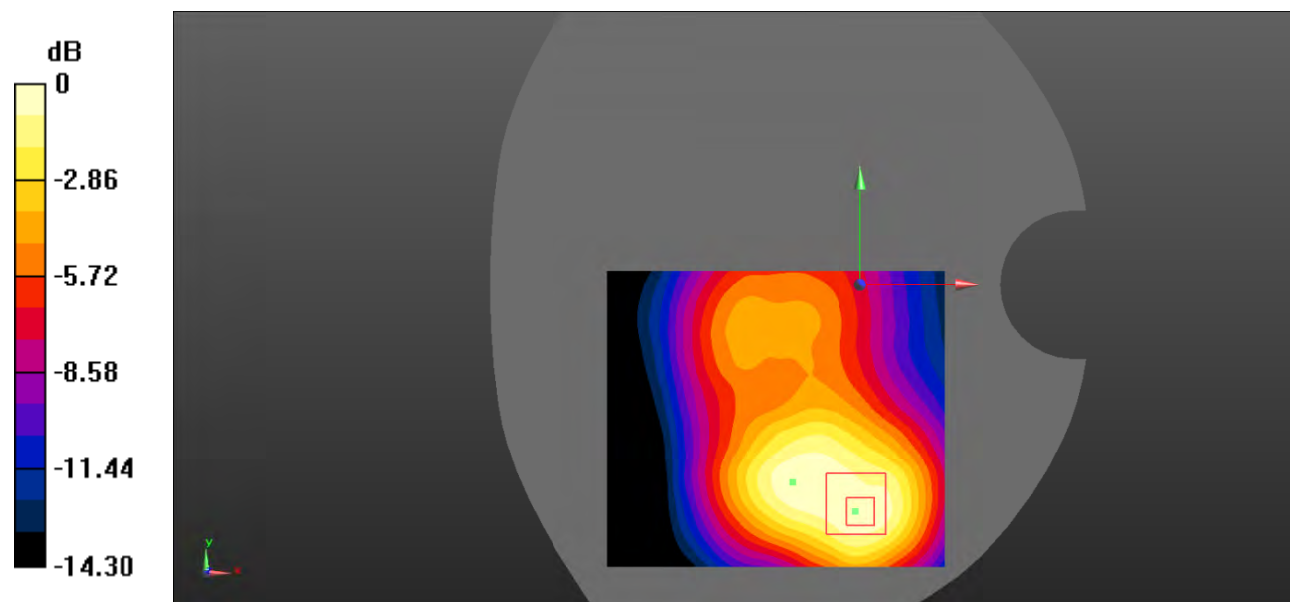
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.08 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.841 W/kg

SAR(1 g) = 0.535 W/kg; SAR(10 g) = 0.322 W/kg

Maximum value of SAR (measured) = 0.568 W/kg



0 dB = 0.568 W/kg = -2.46 dBW/kg

Test Plot 60#: LTE Band 4_Body Back_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.918$ S/m; $\epsilon_r = 38.456$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.21, 8.21, 8.21)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (81x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.480 W/kg

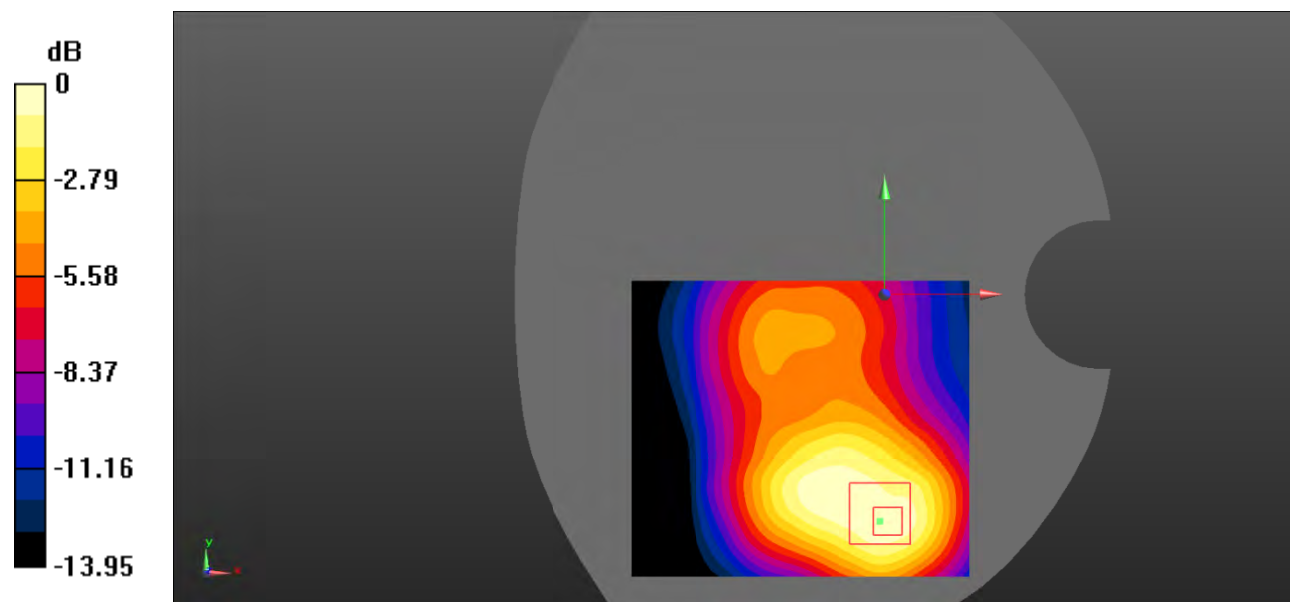
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.16 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.667 W/kg

SAR(1 g) = 0.428 W/kg; SAR(10 g) = 0.261 W/kg

Maximum value of SAR (measured) = 0.456 W/kg



0 dB = 0.456 W/kg = -3.41 dBW/kg

Test Plot 61#: LTE Band 4_Body Left_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.918$ S/m; $\epsilon_r = 38.456$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.21, 8.21, 8.21)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.262 W/kg

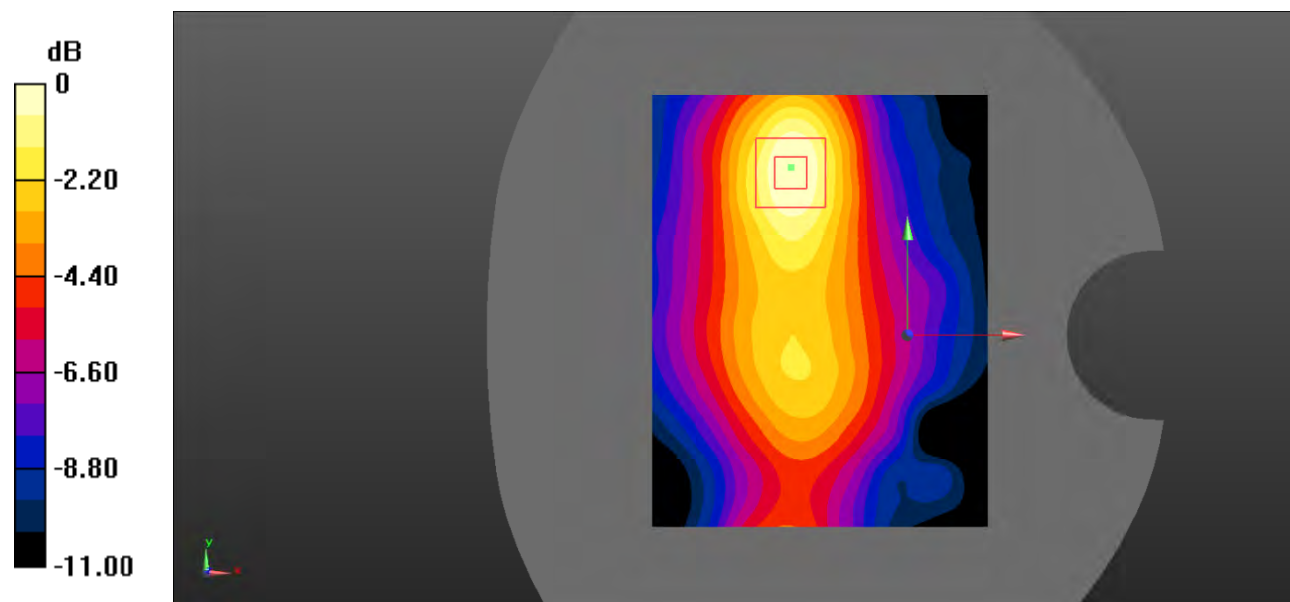
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.24 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.355 W/kg

SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.151 W/kg

Maximum value of SAR (measured) = 0.255 W/kg



0 dB = 0.255 W/kg = -5.93 dBW/kg

Test Plot 62#: LTE Band 4_Body Left_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1732.5 \text{ MHz}$; $\sigma = 1.918 \text{ S/m}$; $\epsilon_r = 38.456$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.21, 8.21, 8.21)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.224 W/kg

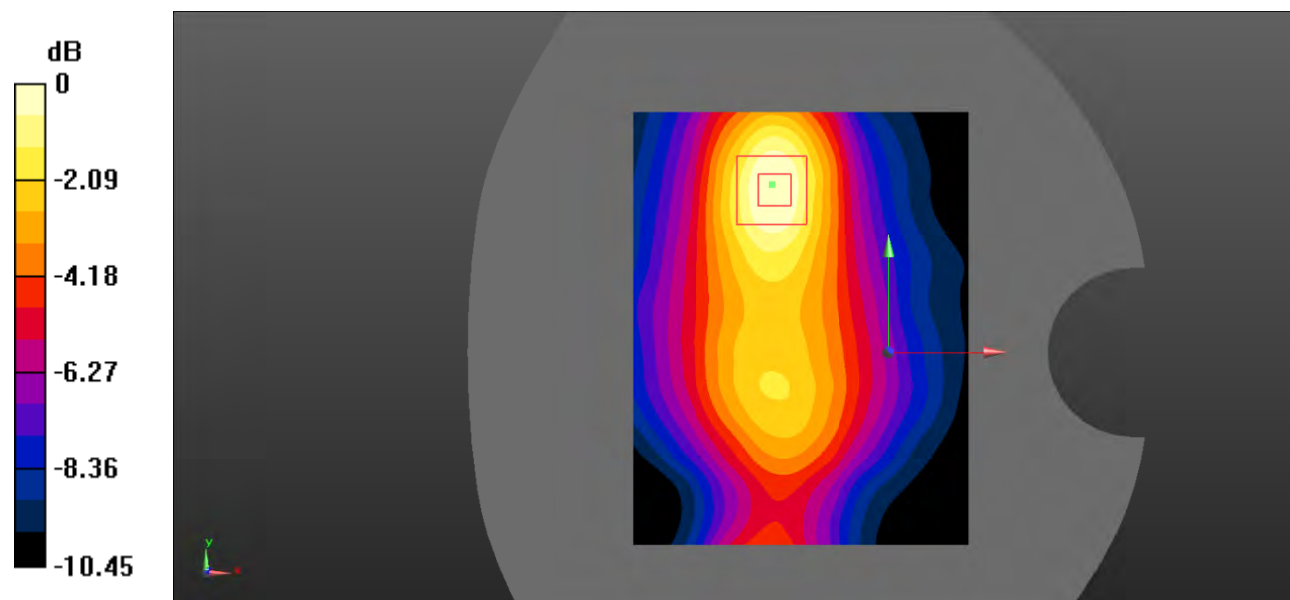
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.260 V/m ; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.294 W/kg

SAR(1 g) = 0.202 W/kg ; SAR(10 g) = 0.125 W/kg

Maximum value of SAR (measured) = 0.213 W/kg



0 dB = $0.213 \text{ W/kg} = -6.72 \text{ dBW/kg}$

Test Plot 63#: LTE Band 4_Body Right_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1732.5 \text{ MHz}$; $\sigma = 1.918 \text{ S/m}$; $\epsilon_r = 38.456$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.21, 8.21, 8.21)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.0445 W/kg

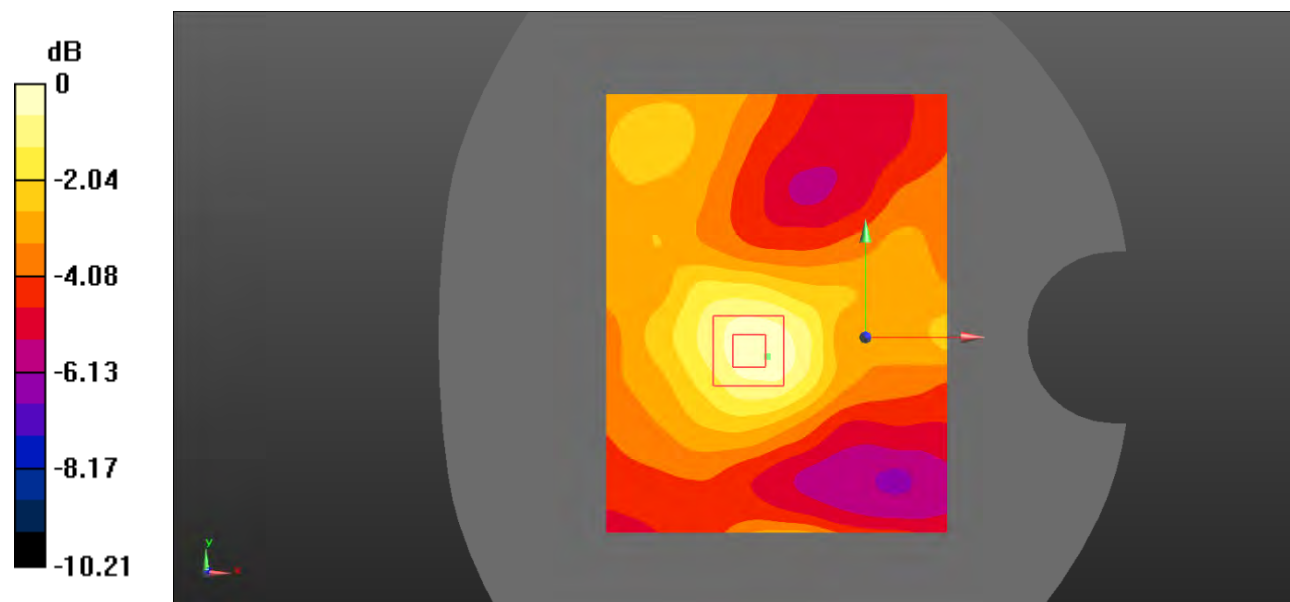
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.232 V/m ; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.0820 W/kg

SAR(1 g) = 0.043 W/kg ; SAR(10 g) = 0.031 W/kg

Maximum value of SAR (measured) = 0.0459 W/kg



0 dB = $0.0459 \text{ W/kg} = -13.38 \text{ dBW/kg}$

Test Plot 64#: LTE Band 4_Body Right_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.918$ S/m; $\epsilon_r = 38.456$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.21, 8.21, 8.21)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

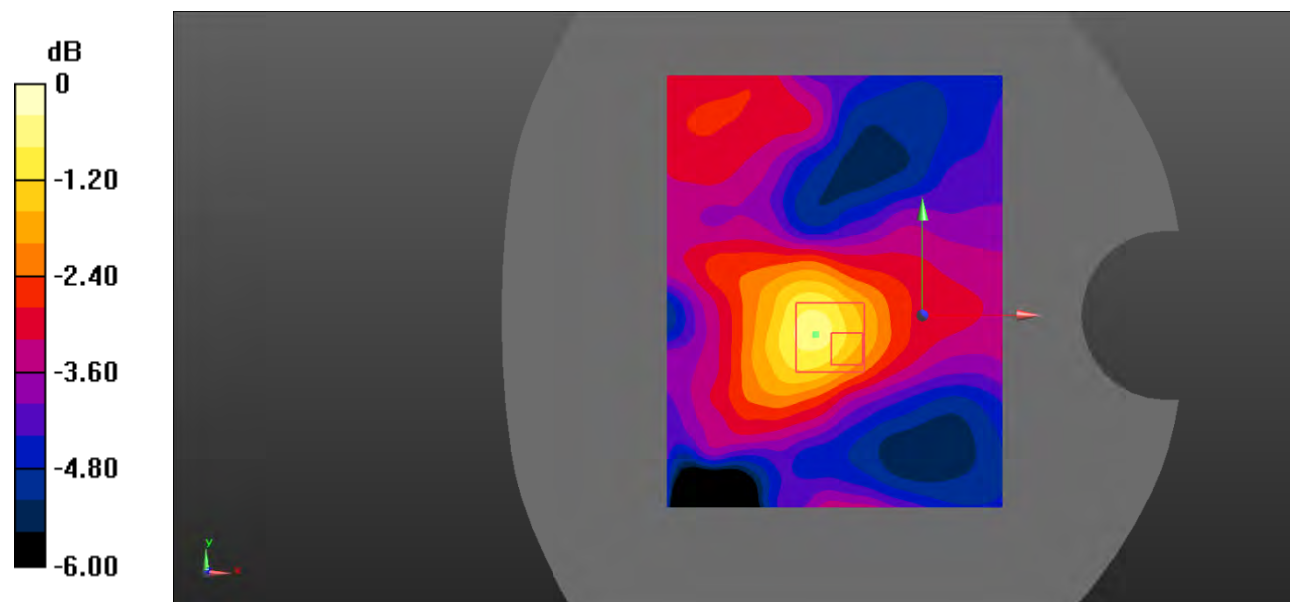
Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.0388 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 5.260 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.0590 W/kg

SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (measured) = 0.0447 W/kg



0 dB = 0.0447 W/kg = -13.50 dBW/kg

Test Plot 65#: LTE Band 4_Body Bottom_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.918$ S/m; $\epsilon_r = 38.456$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.21, 8.21, 8.21)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.0375 W/kg

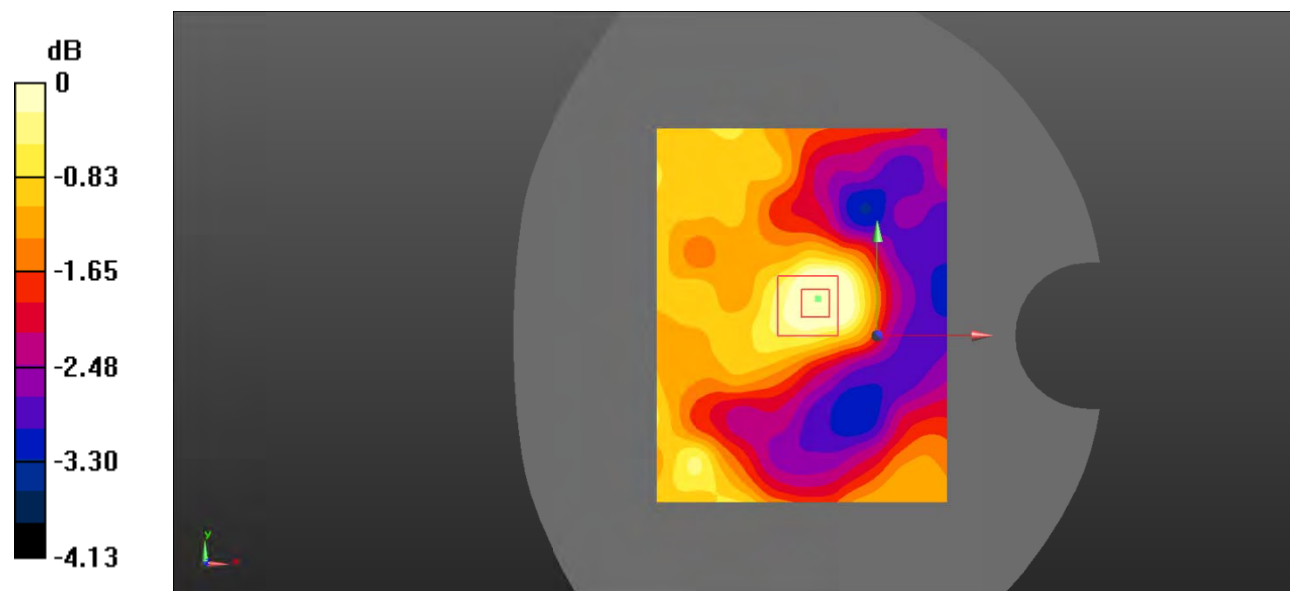
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.655 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.0540 W/kg

SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.022 W/kg

Maximum value of SAR (measured) = 0.0295 W/kg



0 dB = 0.0295 W/kg = -15.30 dBW/kg

Test Plot 66#: LTE Band 4_Body Bottom_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.918$ S/m; $\epsilon_r = 38.456$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(8.21, 8.21, 8.21)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.0279 W/kg

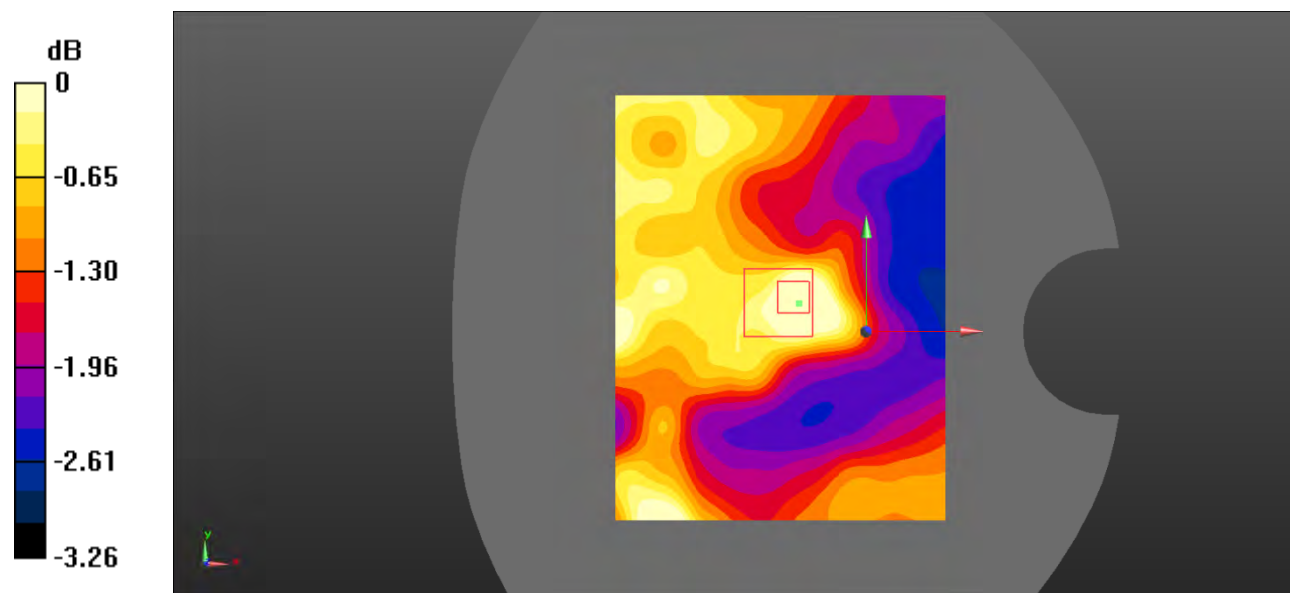
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.550 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.0310 W/kg

SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.019 W/kg

Maximum value of SAR (measured) = 0.0240 W/kg



0 dB = 0.0240 W/kg = -16.20 dBW/kg

Test Plot 67#: LTE Band 5_Head Left Cheek_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 41.41$; $\rho = 1000$ kg/m³ ;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.269 W/kg

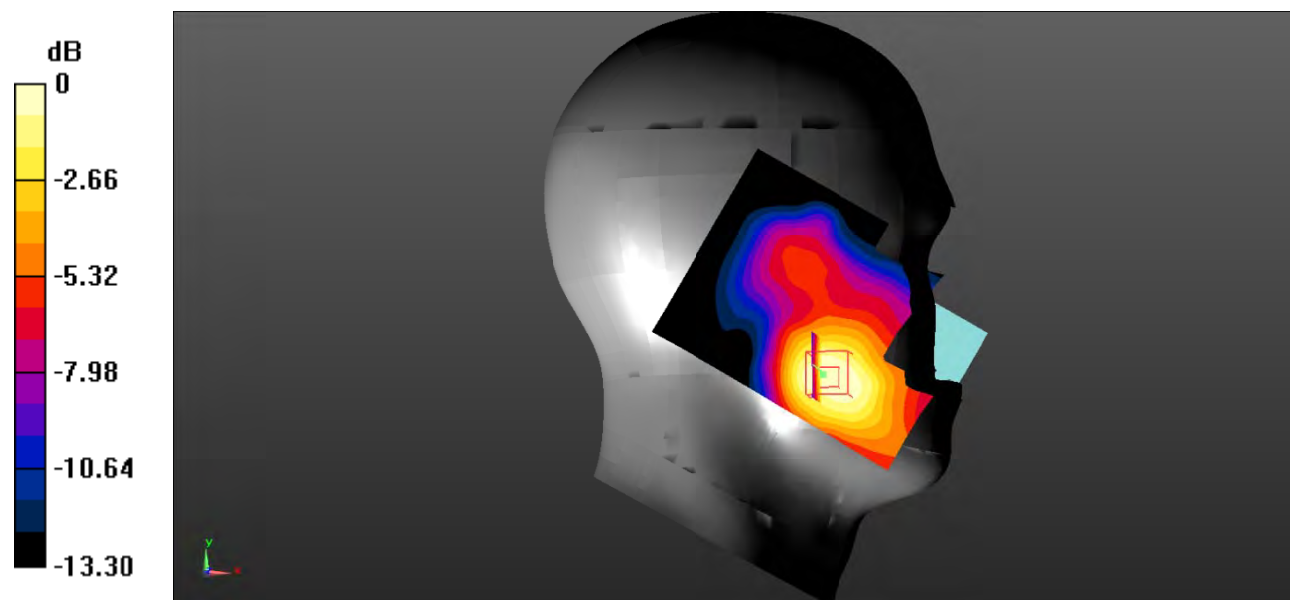
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.524 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.363 W/kg

SAR(1 g) = 0.248 W/kg; SAR(10 g) = 0.163 W/kg

Maximum value of SAR (measured) = 0.263 W/kg



0 dB = 0.263 W/kg = -5.80 dBW/kg

Test Plot 68#: LTE Band 5_Head Left Cheek_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 41.41$; $\rho = 1000$ kg/m³ ;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

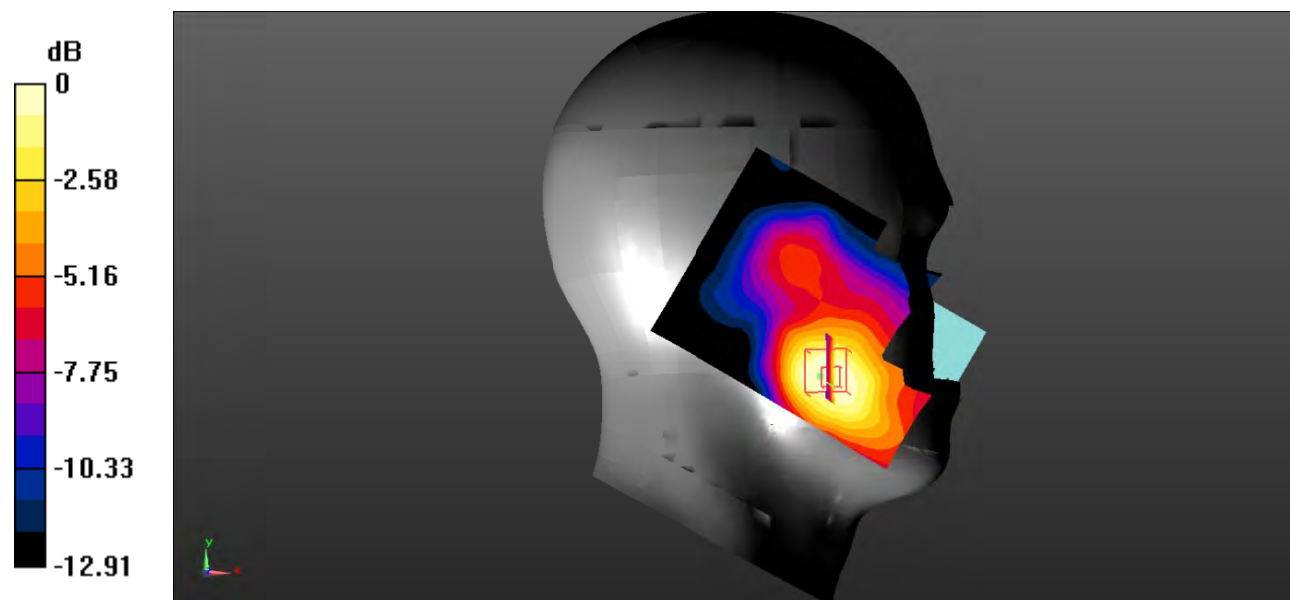
Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.225 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 3.306 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.300 W/kg

SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.134 W/kg

Maximum value of SAR (measured) = 0.211 W/kg



0 dB = 0.211 W/kg = -6.76 dBW/kg

Test Plot 69#: LTE Band 5_Head Left Tilt_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 836.5 \text{ MHz}$; $\sigma = 0.917 \text{ S/m}$; $\epsilon_r = 41.41$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.120 W/kg

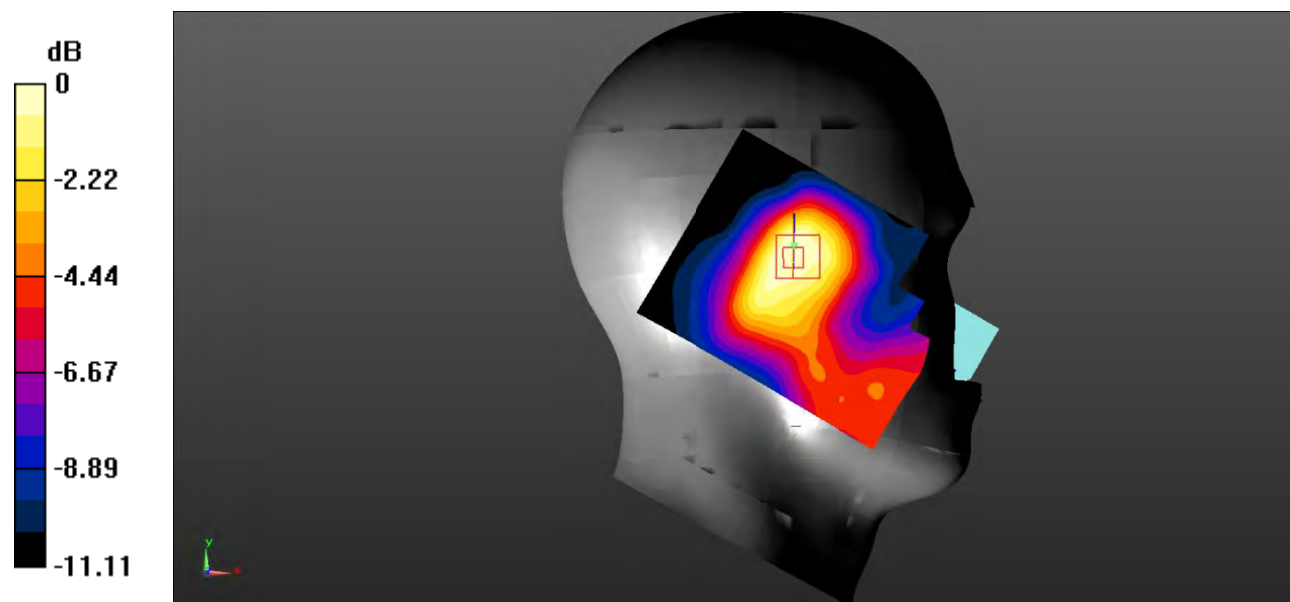
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.272 V/m ; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.139 W/kg

SAR(1 g) = 0.102 W/kg ; SAR(10 g) = 0.069 W/kg

Maximum value of SAR (measured) = 0.108 W/kg



0 dB = $0.108 \text{ W/kg} = -9.67 \text{ dBW/kg}$

Test Plot 70#: LTE Band 5_Head Left Tilt_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 836.5 \text{ MHz}$; $\sigma = 0.917 \text{ S/m}$; $\epsilon_r = 41.41$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

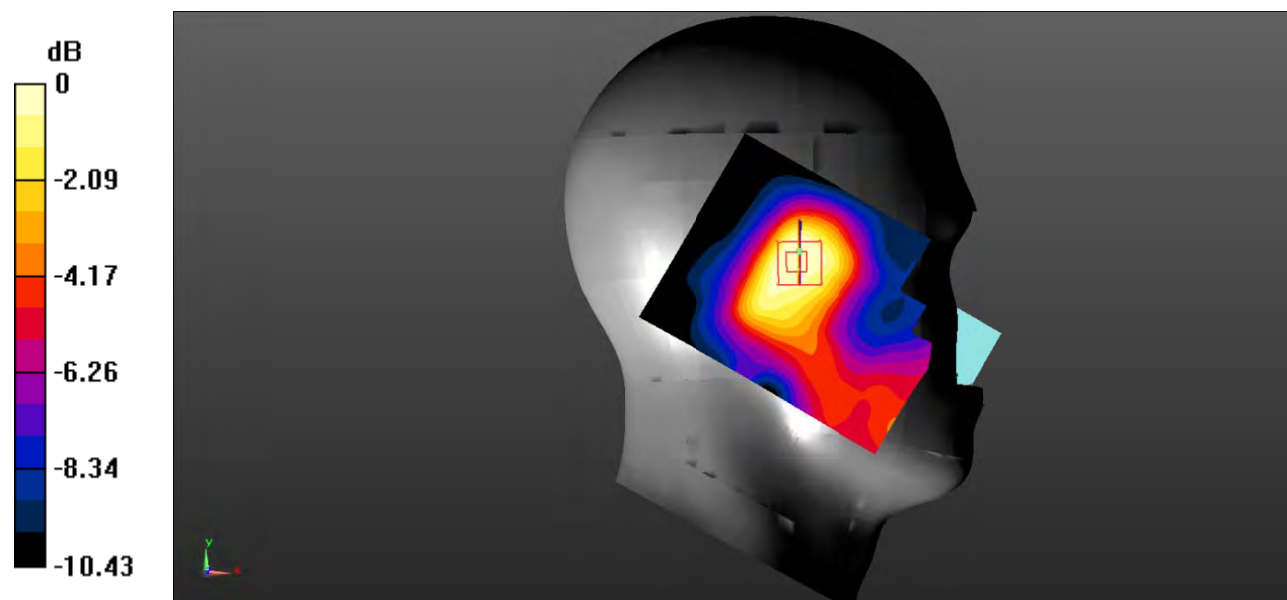
Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.103 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 4.564 V/m ; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.118 W/kg

SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.060 W/kg

Maximum value of SAR (measured) = 0.0916 W/kg



0 dB = $0.0916 \text{ W/kg} = -10.38 \text{ dBW/kg}$

Test Plot 71#: LTE Band 5_Head Right Cheek_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 41.41$; $\rho = 1000$ kg/m³ ;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

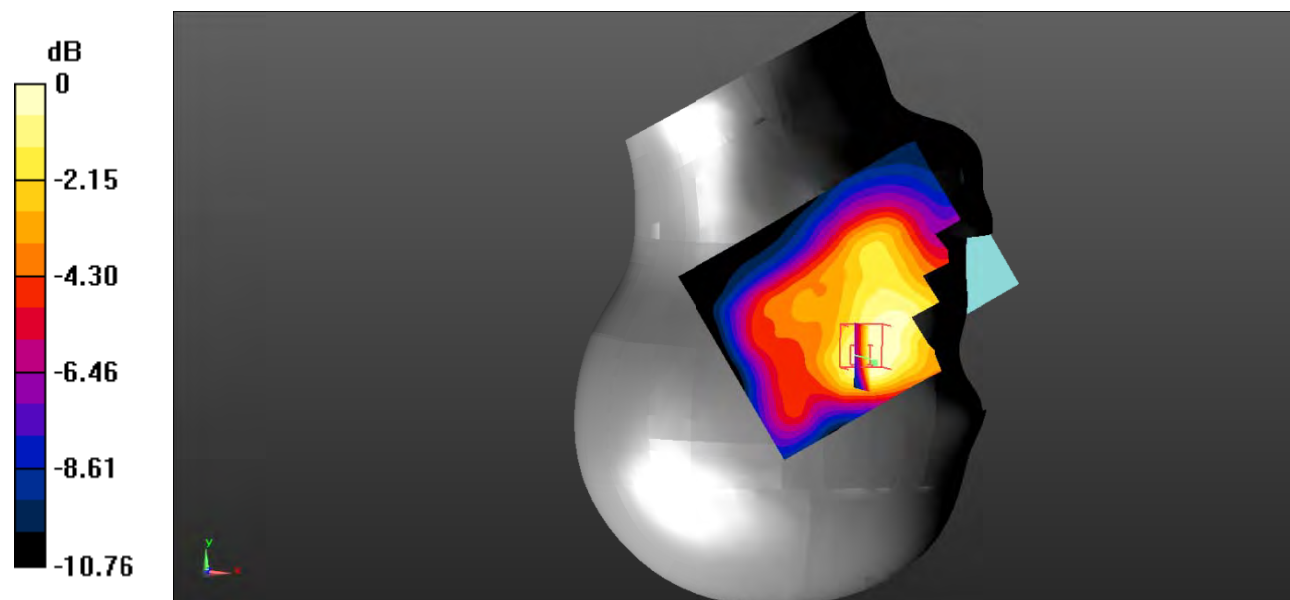
Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.116 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 4.534 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.141 W/kg

SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.070 W/kg

Maximum value of SAR (measured) = 0.103 W/kg



0 dB = 0.103 W/kg = -9.87 dBW/kg

Test Plot 72#: LTE Band 5_Head Right Cheek_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 41.41$; $\rho = 1000$ kg/m³ ;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

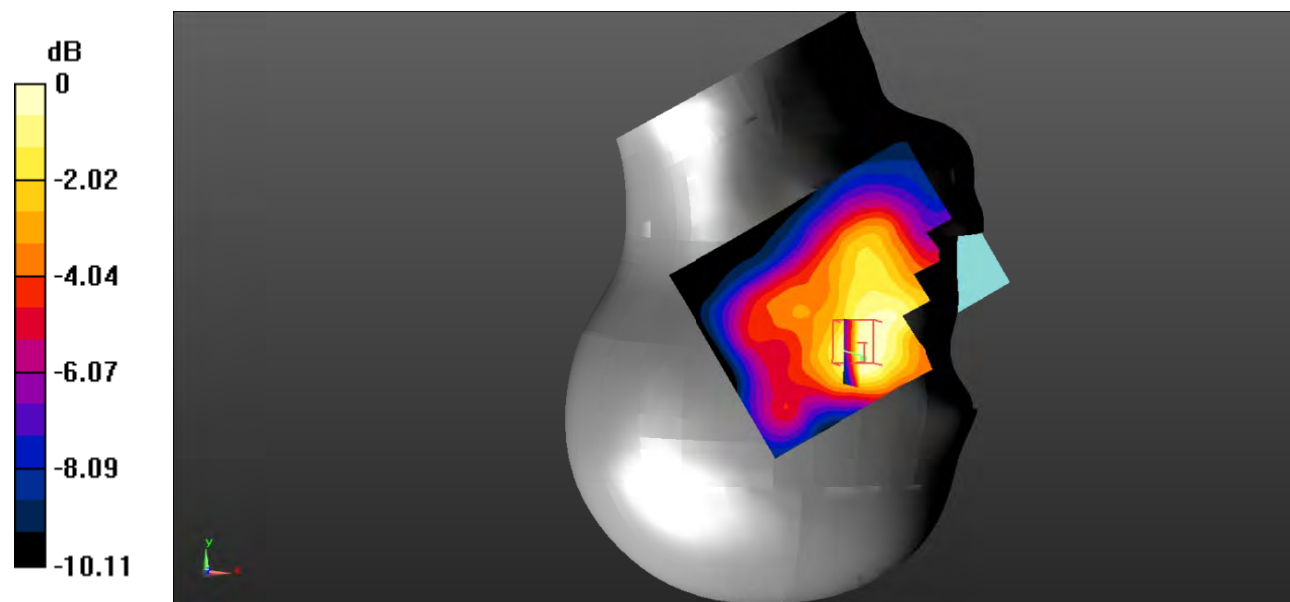
Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.0918 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 4.178 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.115 W/kg

SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.058 W/kg

Maximum value of SAR (measured) = 0.0861 W/kg



0 dB = 0.0861 W/kg = -10.65 dBW/kg

Test Plot 73#: LTE Band 5_Head Right Tilt_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 41.41$; $\rho = 1000$ kg/m³ ;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

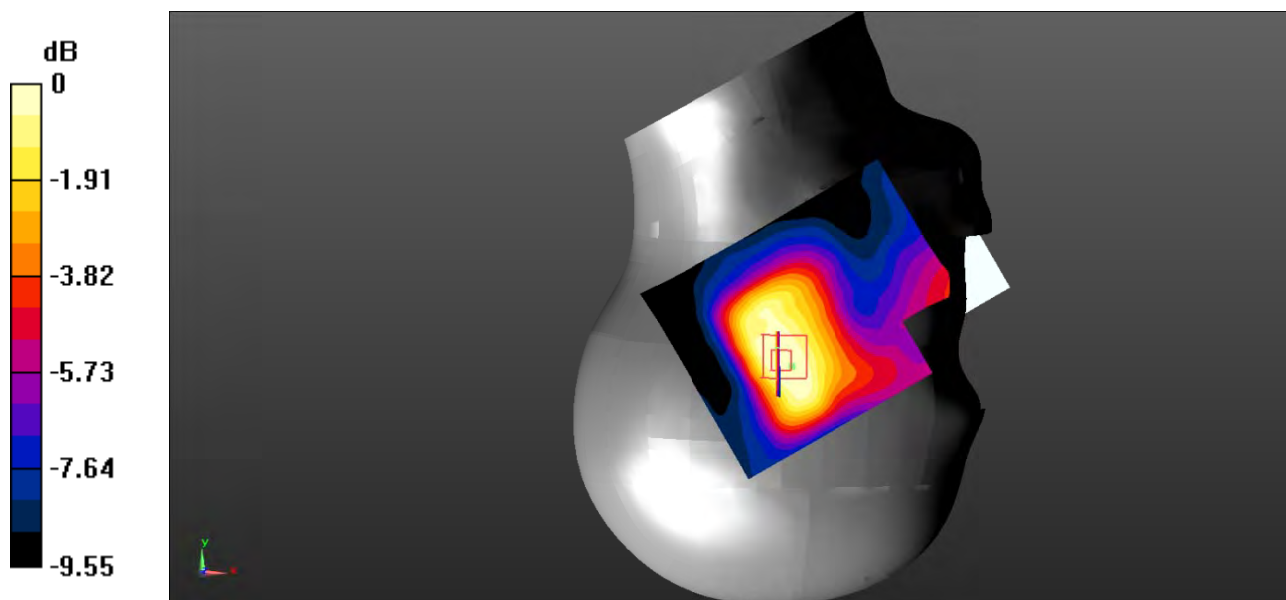
Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.0832 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 7.173 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.105 W/kg

SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.050 W/kg

Maximum value of SAR (measured) = 0.0770 W/kg



0 dB = 0.0770 W/kg = -11.14 dBW/kg

Test Plot 74#: LTE Band 5_Head Right Tilt_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 41.41$; $\rho = 1000$ kg/m³ ;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

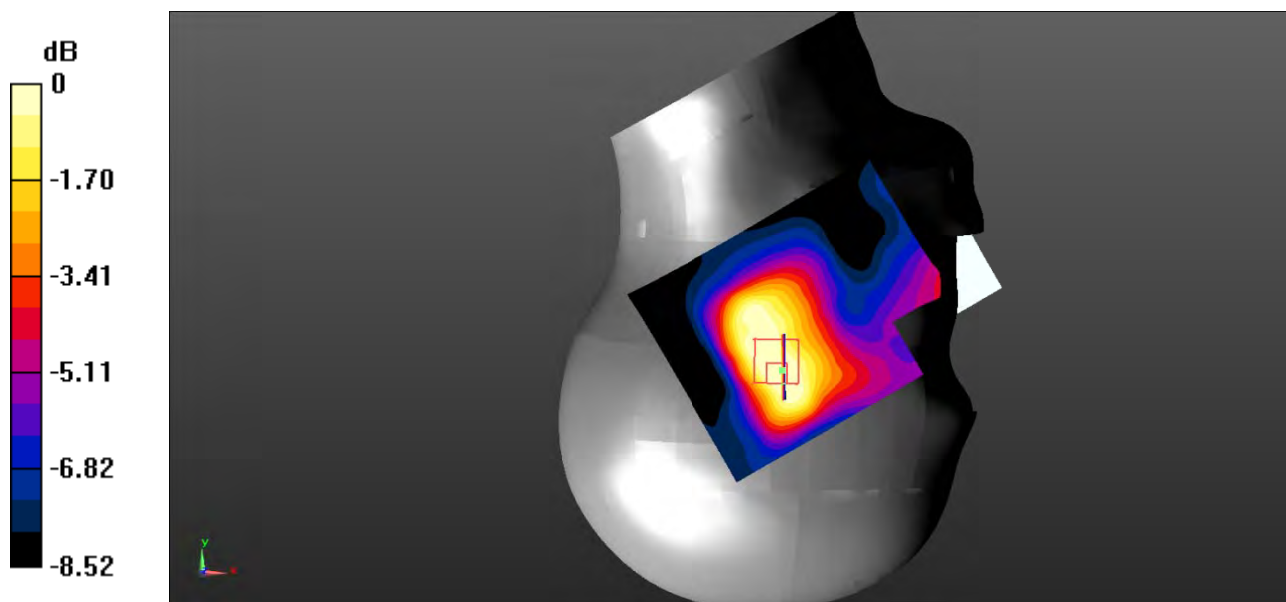
Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.0682 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 6.202 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0820 W/kg

SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.0628 W/kg



0 dB = 0.0628 W/kg = -12.02 dBW/kg

Test Plot 75#: LTE Band 5_Body Back_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 41.41$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (81x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.758 W/kg

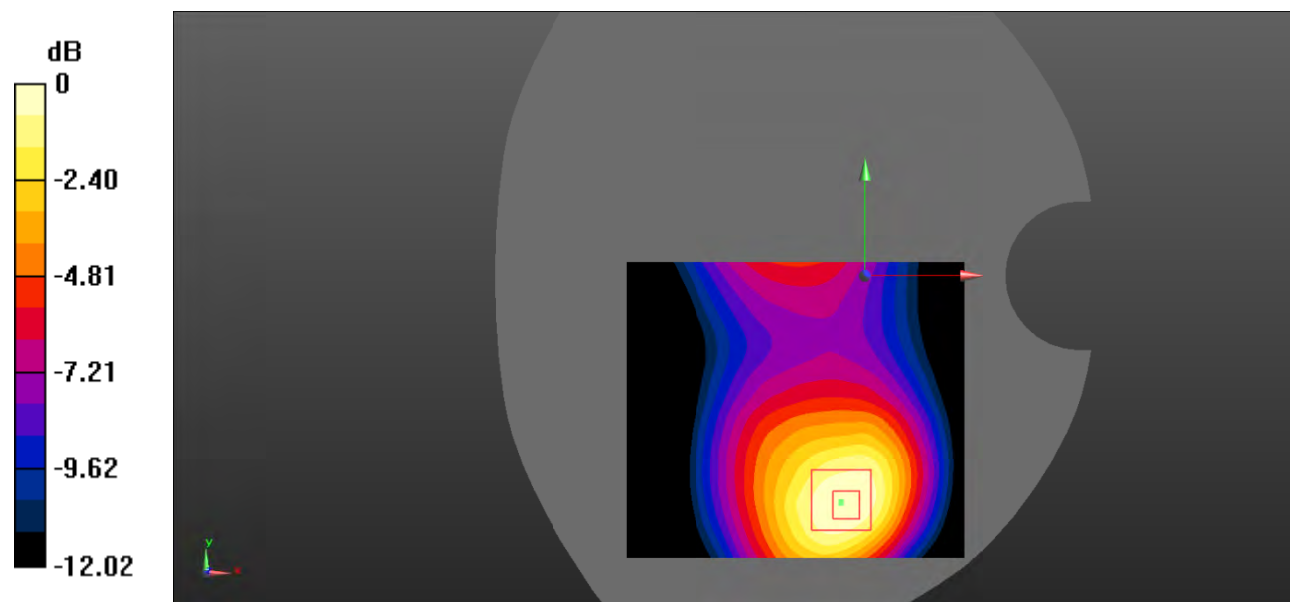
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.01 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.667 W/kg; SAR(10 g) = 0.424 W/kg

Maximum value of SAR (measured) = 0.700 W/kg



0 dB = 0.700 W/kg = -1.55 dBW/kg

Test Plot 76#: LTE Band 5_Body Back_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 836.5 \text{ MHz}$; $\sigma = 0.917 \text{ S/m}$; $\epsilon_r = 41.41$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (81x71x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.565 W/kg

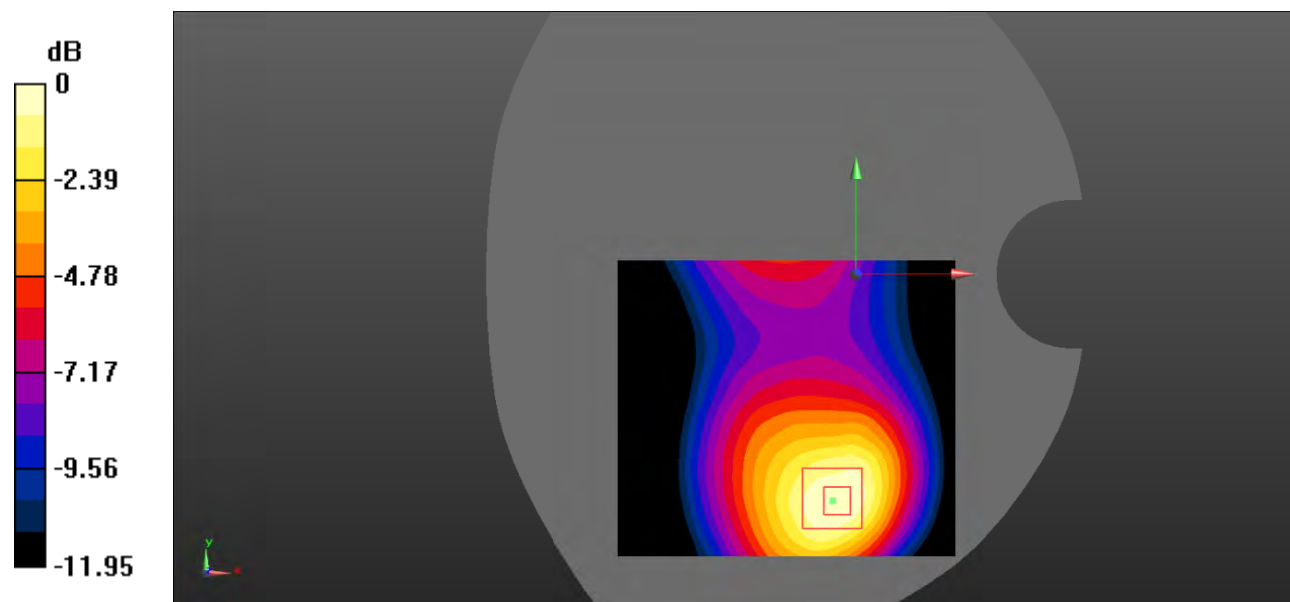
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.30 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.770 W/kg

SAR(1 g) = 0.513 W/kg ; SAR(10 g) = 0.327 W/kg

Maximum value of SAR (measured) = 0.539 W/kg



0 dB = $0.539 \text{ W/kg} = -2.68 \text{ dBW/kg}$

Test Plot 77#: LTE Band 5_Body Left_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 41.41$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.199 W/kg

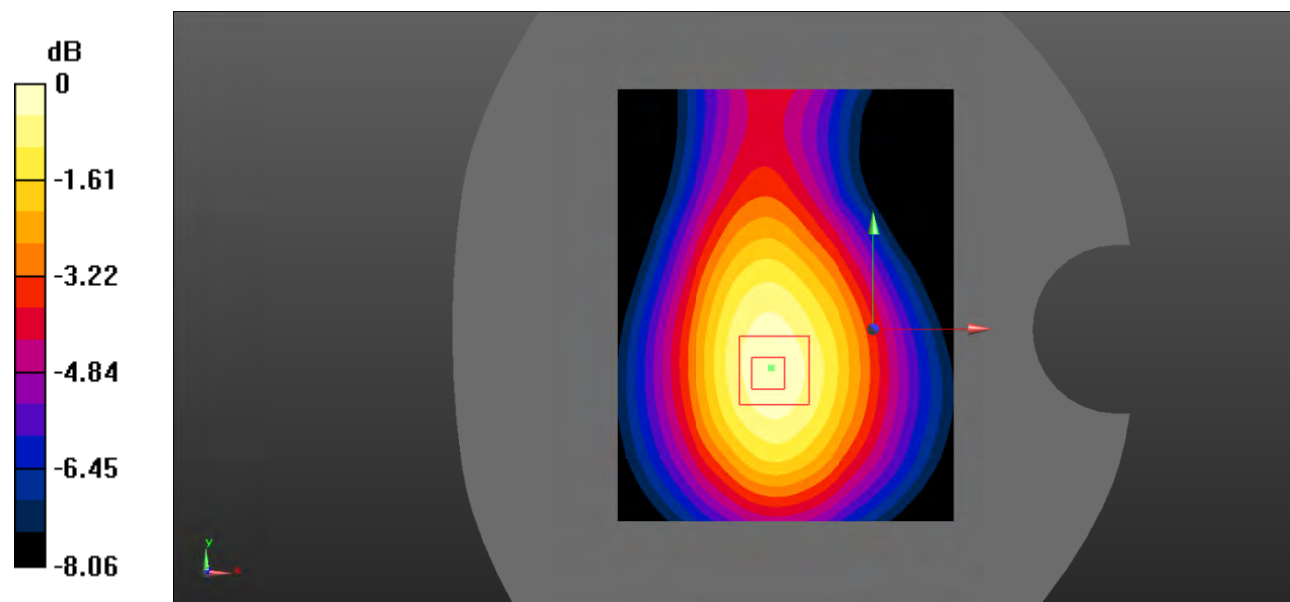
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.00 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.257 W/kg

SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.141 W/kg

Maximum value of SAR (measured) = 0.204 W/kg



0 dB = 0.204 W/kg = -6.90 dBW/kg

Test Plot 78#: LTE Band 5_Body Left_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 836.5 \text{ MHz}$; $\sigma = 0.917 \text{ S/m}$; $\epsilon_r = 41.41$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.155 W/kg

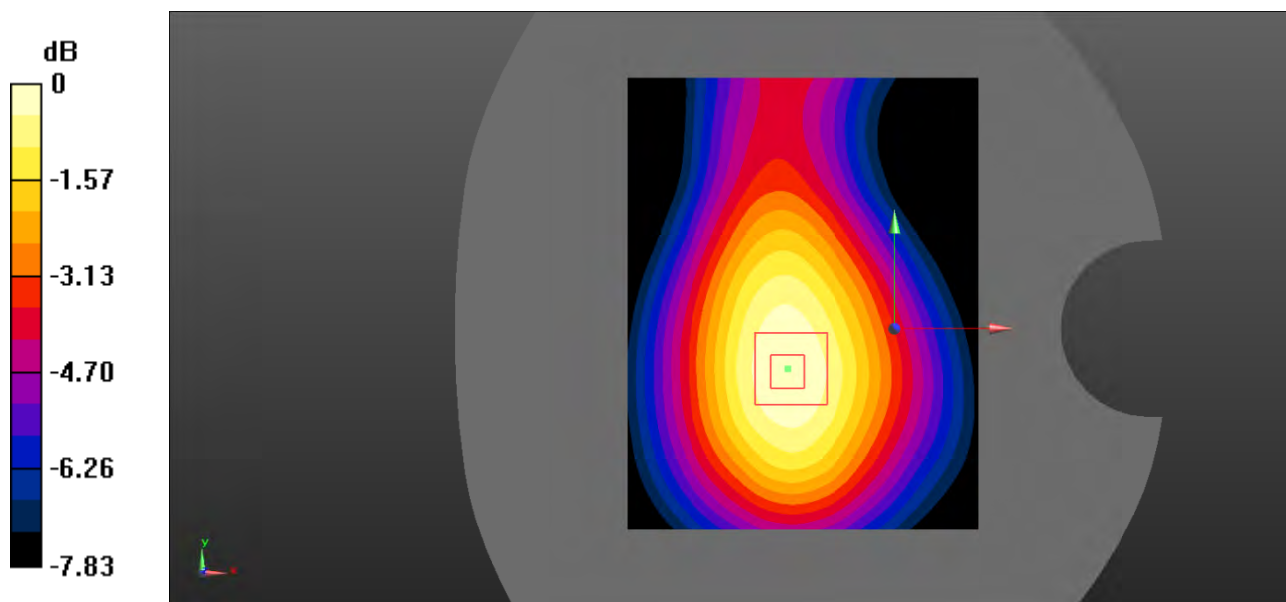
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.47 V/m ; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.147 W/kg ; SAR(10 g) = 0.107 W/kg

Maximum value of SAR (measured) = 0.155 W/kg



0 dB = $0.155 \text{ W/kg} = -8.10 \text{ dBW/kg}$

Test Plot 79#: LTE Band 5_Body Right_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 836.5 \text{ MHz}$; $\sigma = 0.917 \text{ S/m}$; $\epsilon_r = 41.41$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.103 W/kg

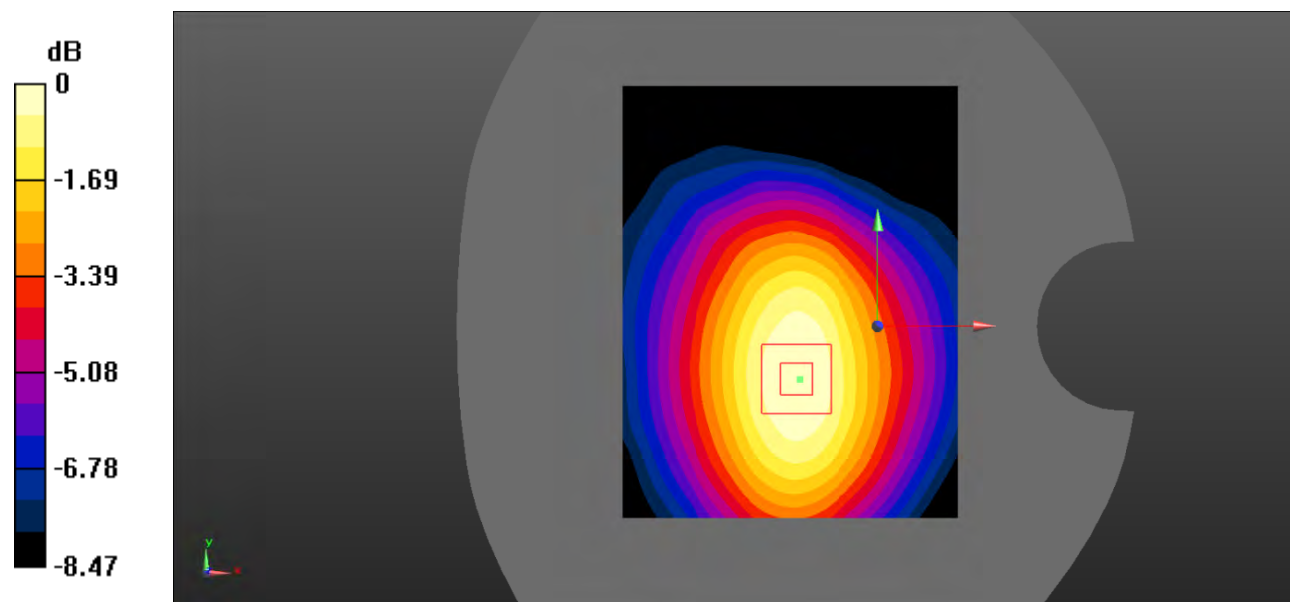
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.868 V/m ; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.129 W/kg

SAR(1 g) = 0.097 W/kg ; SAR(10 g) = 0.070 W/kg

Maximum value of SAR (measured) = 0.102 W/kg



0 dB = $0.102 \text{ W/kg} = -9.91 \text{ dBW/kg}$

Test Plot 80#: LTE Band 5_Body Right_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 836.5 \text{ MHz}$; $\sigma = 0.917 \text{ S/m}$; $\epsilon_r = 41.41$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.0792 W/kg

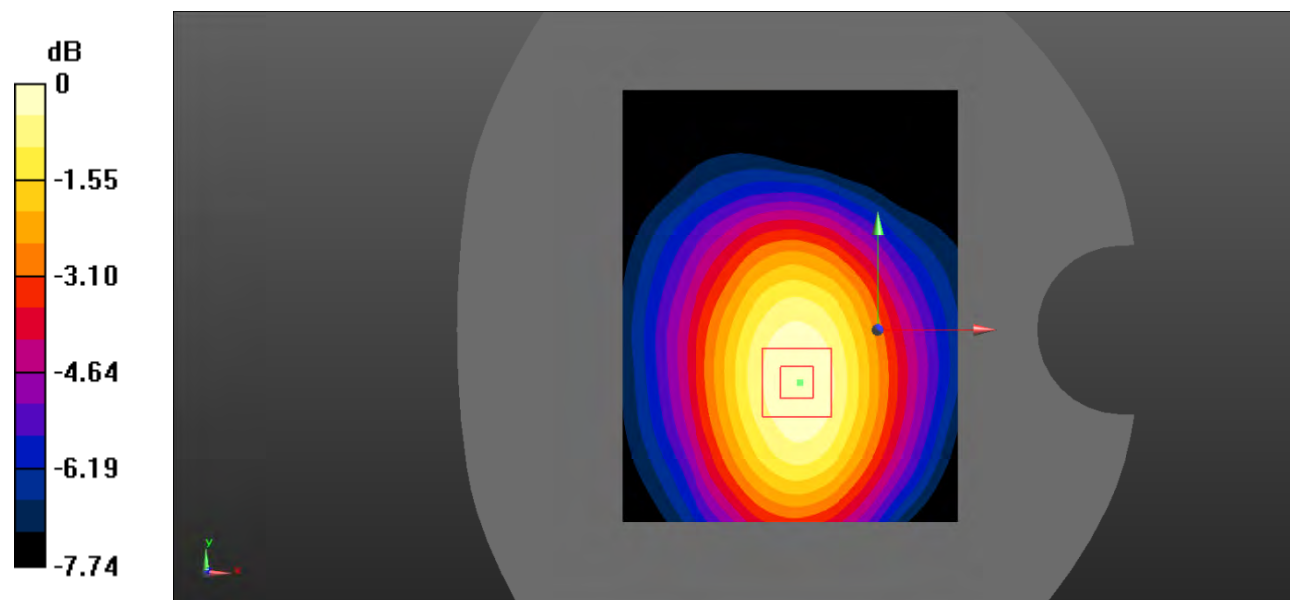
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.929 V/m ; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.0970 W/kg

SAR(1 g) = 0.075 W/kg ; SAR(10 g) = 0.055 W/kg

Maximum value of SAR (measured) = 0.0783 W/kg



0 dB = 0.0783 W/kg = -11.06 dBW/kg

Test Plot 81#: LTE Band 5_Body Bottom_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 836.5 \text{ MHz}$; $\sigma = 0.917 \text{ S/m}$; $\epsilon_r = 41.41$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.227 W/kg

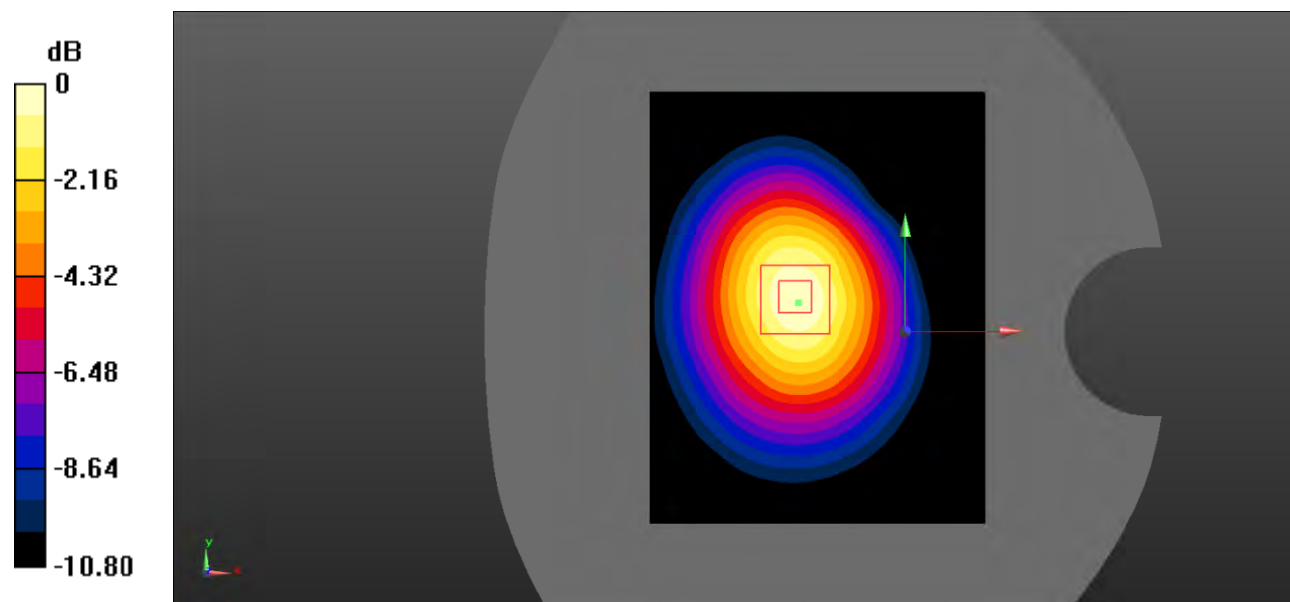
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.57 V/m ; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.327 W/kg

SAR(1 g) = 0.219 W/kg ; SAR(10 g) = 0.140 W/kg

Maximum value of SAR (measured) = 0.235 W/kg



0 dB = $0.235 \text{ W/kg} = -6.29 \text{ dBW/kg}$

Test Plot 82#: LTE Band 5_Body Bottom_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 41.41$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 0.176 W/kg

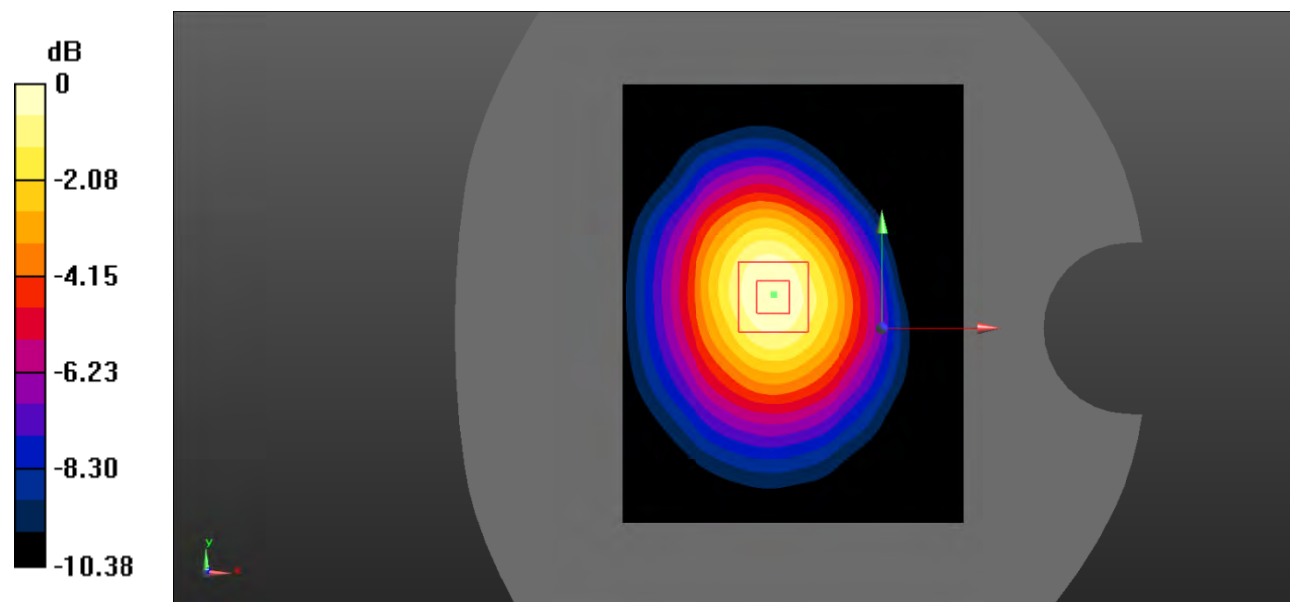
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.06 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.104 W/kg

Maximum value of SAR (measured) = 0.172 W/kg



0 dB = 0.172 W/kg = -7.64 dBW/kg

Test Plot 83#: LTE Band 7_Head Left Cheek_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 2535 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2535 \text{ MHz}$; $\sigma = 1.93 \text{ S/m}$; $\epsilon_r = 38.393$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.15, 7.15, 7.15)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x121x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.138 W/kg

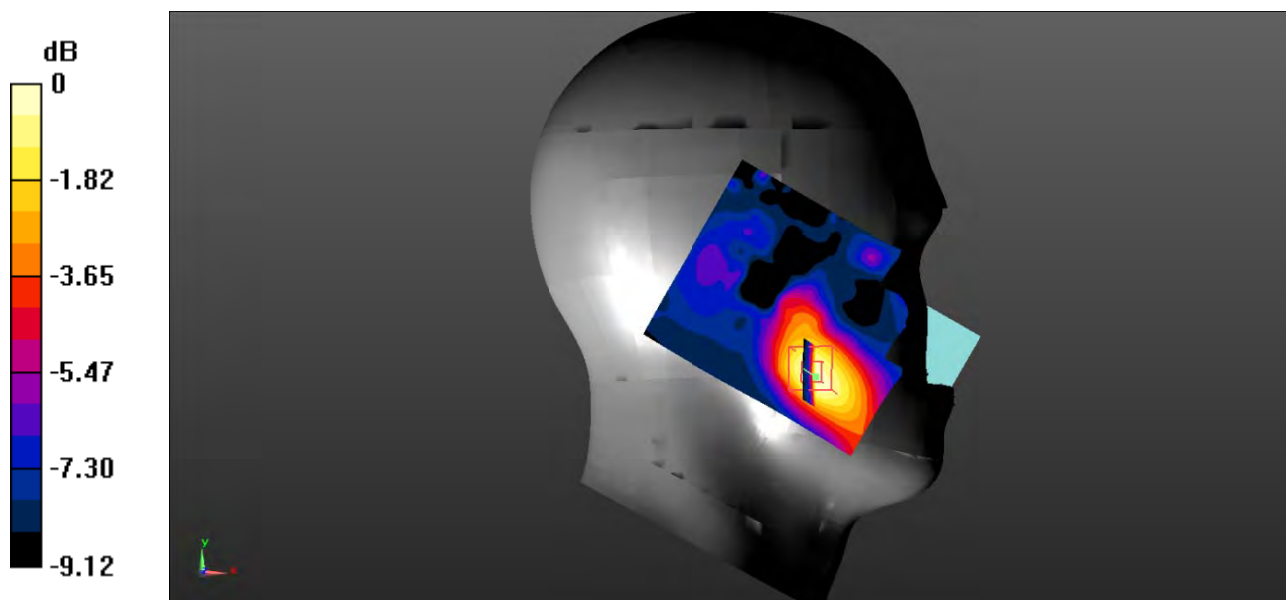
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.921 V/m ; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.211 W/kg

SAR(1 g) = 0.127 W/kg ; SAR(10 g) = 0.073 W/kg

Maximum value of SAR (measured) = 0.140 W/kg



0 dB = $0.140 \text{ W/kg} = -8.54 \text{ dBW/kg}$

Test Plot 84#: LTE Band 7_Head Left Cheek_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 2535 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2535 \text{ MHz}$; $\sigma = 1.93 \text{ S/m}$; $\epsilon_r = 38.393$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.15, 7.15, 7.15)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x121x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.114 W/kg

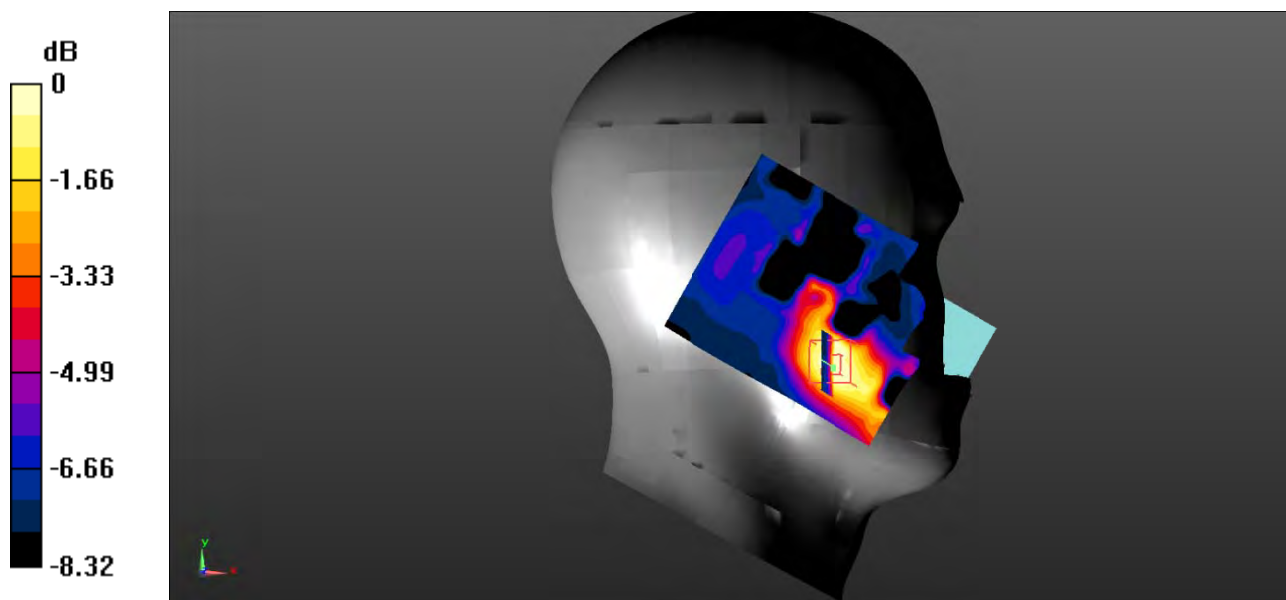
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.683 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.166 W/kg

SAR(1 g) = 0.103 W/kg ; SAR(10 g) = 0.062 W/kg

Maximum value of SAR (measured) = 0.112 W/kg



0 dB = $0.112 \text{ W/kg} = -9.51 \text{ dBW/kg}$

Test Plot 85#: LTE Band 7_Head Left Tilt_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 2535 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2535 \text{ MHz}$; $\sigma = 1.93 \text{ S/m}$; $\epsilon_r = 38.393$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.15, 7.15, 7.15)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x121x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.0494 W/kg

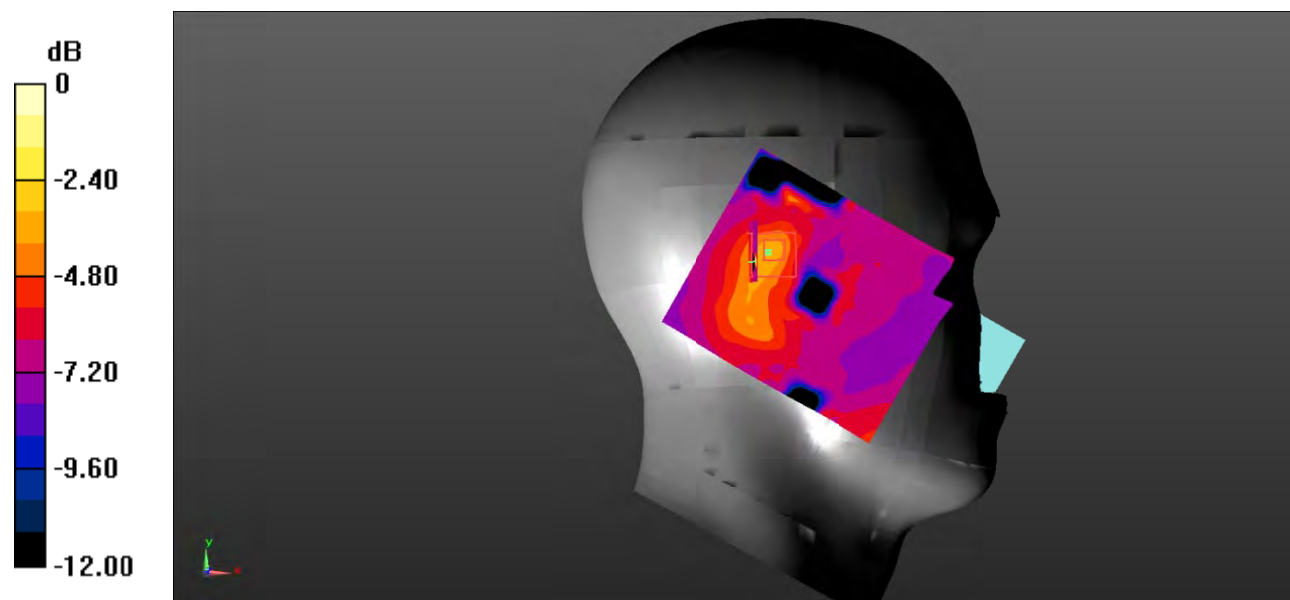
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.163 V/m ; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.273 W/kg

SAR(1 g) = 0.042 W/kg ; SAR(10 g) = 0.00724 W/kg

Maximum value of SAR (measured) = 0.105 W/kg



0 dB = $0.105 \text{ W/kg} = -9.79 \text{ dBW/kg}$

Test Plot 86#: LTE Band 7_Head Left Tilt_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 2535 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2535 \text{ MHz}$; $\sigma = 1.93 \text{ S/m}$; $\epsilon_r = 38.393$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.15, 7.15, 7.15)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x121x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.0400 W/kg

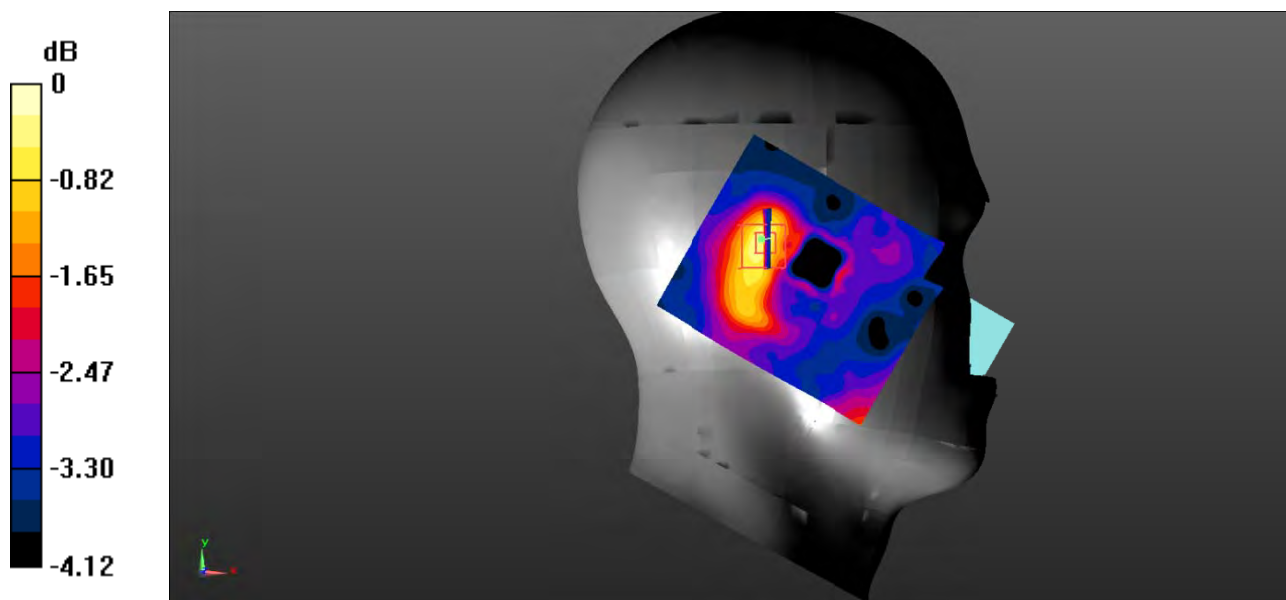
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.484 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.0580 W/kg

SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.029 W/kg

Maximum value of SAR (measured) = 0.0424 W/kg



0 dB = 0.0424 W/kg = -13.73 dBW/kg

Test Plot 87#: LTE Band 7_Head Right Cheek_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 2535 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2535 \text{ MHz}$; $\sigma = 1.93 \text{ S/m}$; $\epsilon_r = 38.393$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.15, 7.15, 7.15)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x121x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.0922 W/kg

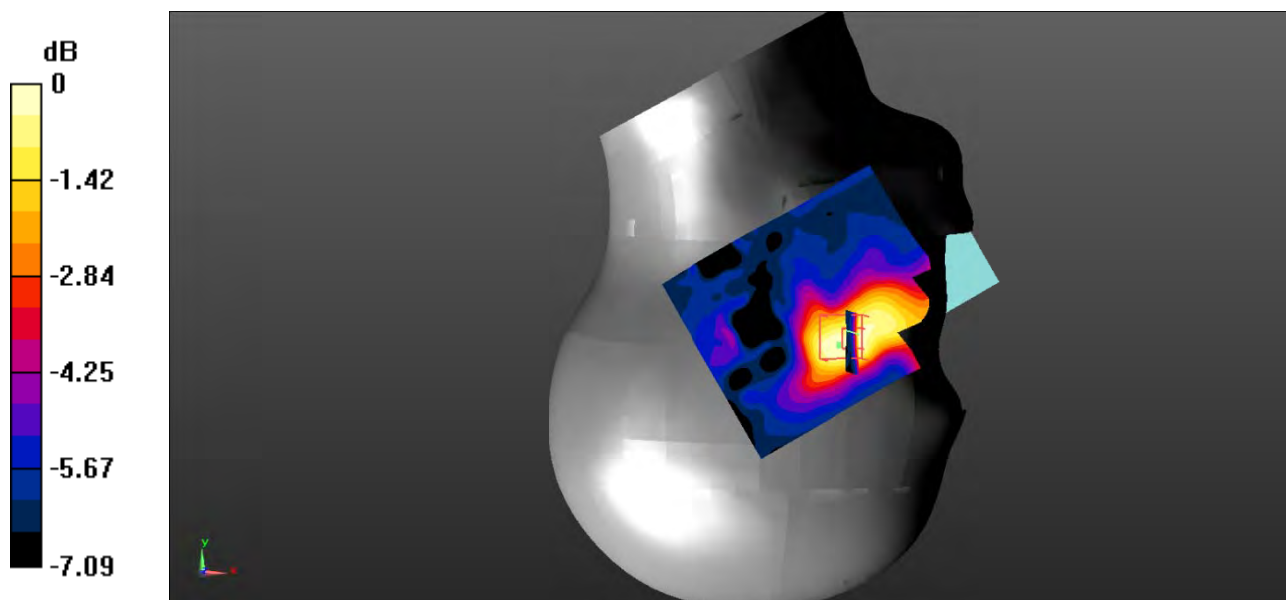
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.528 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.135 W/kg

SAR(1 g) = 0.084 W/kg ; SAR(10 g) = 0.052 W/kg

Maximum value of SAR (measured) = 0.0906 W/kg



0 dB = 0.0906 W/kg = -10.43 dBW/kg

Test Plot 88#: LTE Band 7_Head Right Cheek_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 2535 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2535 \text{ MHz}$; $\sigma = 1.93 \text{ S/m}$; $\epsilon_r = 38.393$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.15, 7.15, 7.15)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x121x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.0740 W/kg

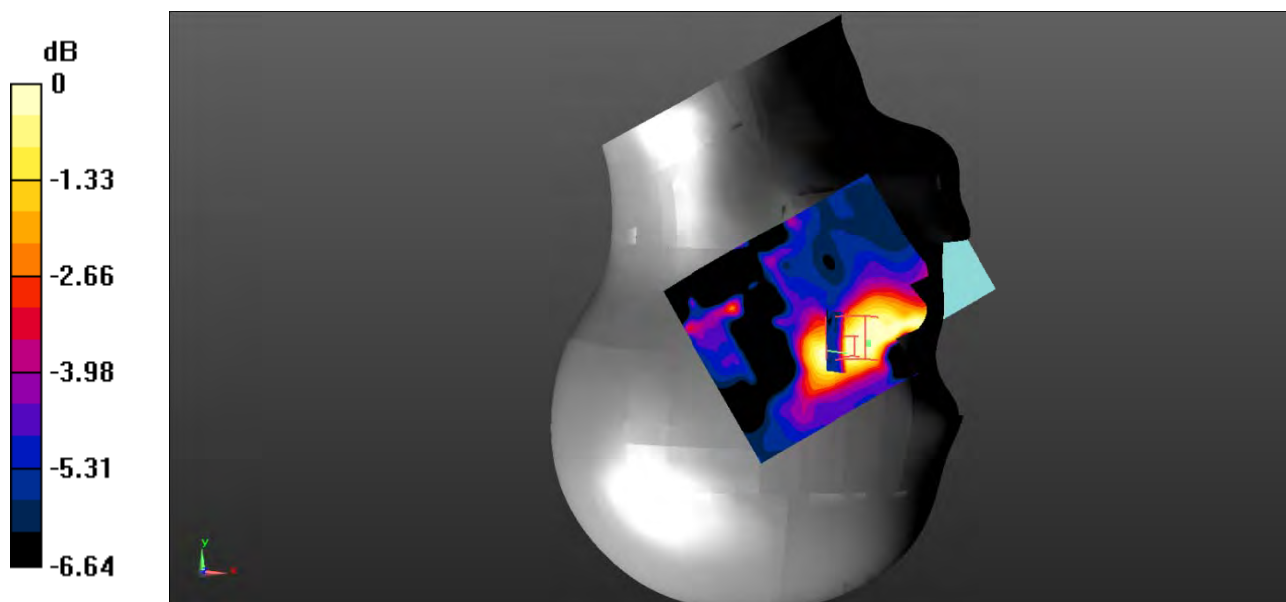
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.189 V/m ; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.110 W/kg

SAR(1 g) = 0.065 W/kg ; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.0692 W/kg



0 dB = 0.0692 W/kg = -11.60 dBW/kg

Test Plot 89#: LTE Band 7_Head Right Tilt_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 2535 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2535 \text{ MHz}$; $\sigma = 1.93 \text{ S/m}$; $\epsilon_r = 38.393$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.15, 7.15, 7.15)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

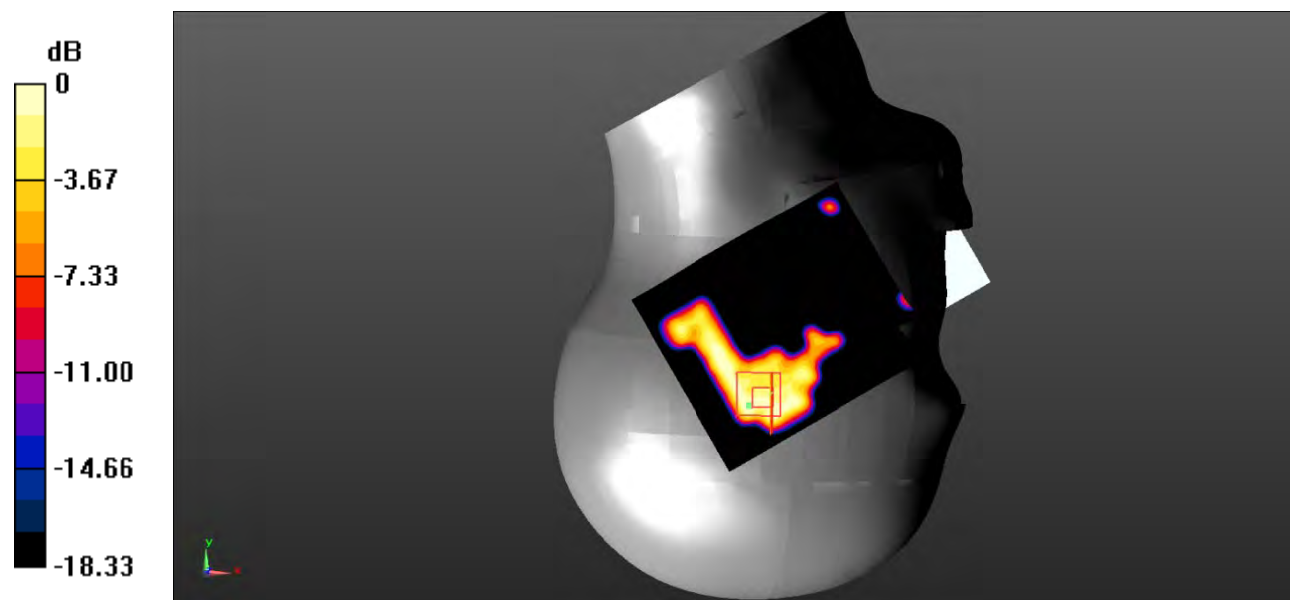
Area Scan (101x121x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.147 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 4.405 V/m ; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.132 W/kg

SAR(1 g) = 0.077 W/kg ; SAR(10 g) = 0.045 W/kg

Maximum value of SAR (measured) = 0.0839 W/kg



0 dB = $0.0839 \text{ W/kg} = -10.76 \text{ dBW/kg}$

Test Plot 90#: LTE Band 7_Head Right Tilt_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 2535 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2535 \text{ MHz}$; $\sigma = 1.93 \text{ S/m}$; $\epsilon_r = 38.393$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.15, 7.15, 7.15)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x121x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.0652 W/kg

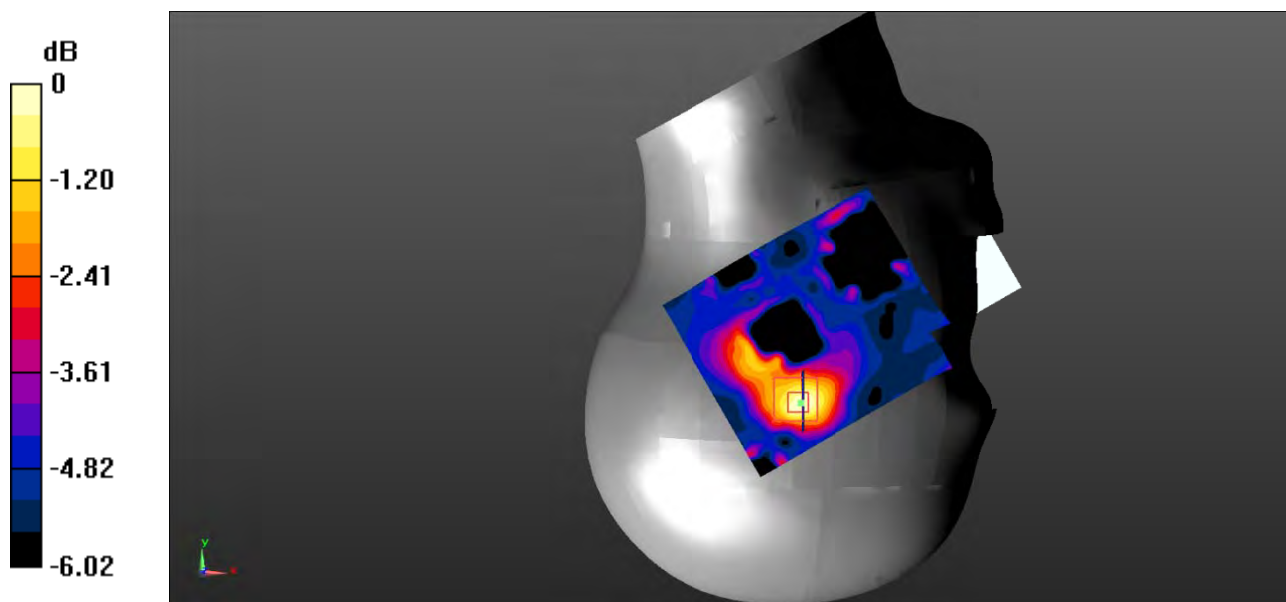
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.092 V/m ; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.107 W/kg

SAR(1 g) = 0.061 W/kg ; SAR(10 g) = 0.037 W/kg

Maximum value of SAR (measured) = 0.0658 W/kg



0 dB = 0.0658 W/kg = -11.82 dBW/kg

Test Plot 91#: LTE Band 7_Body Back_1RB_Low

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 2510 MHz;Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2510$ MHz; $\sigma = 1.87$ S/m; $\epsilon_r = 40.883$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.15, 7.15, 7.15) @ 2510 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Body Back/LTE Band 7 1RB Low/Area Scan (111x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.964 W/kg

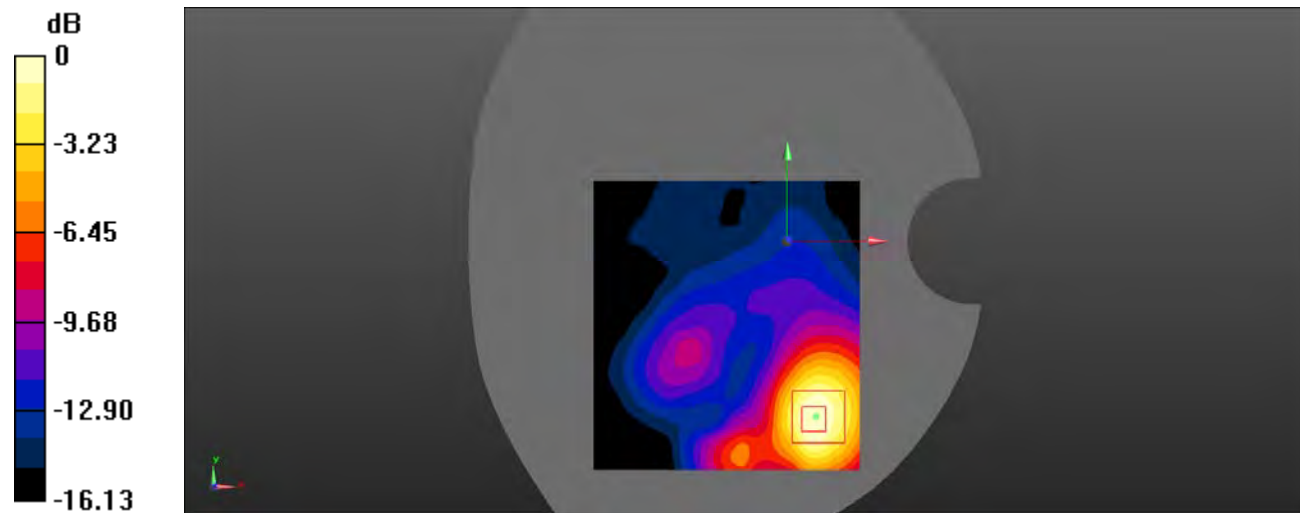
Body Back/LTE Band 7 1RB Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.018 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.811 W/kg; SAR(10 g) = 0.415 W/kg

Maximum value of SAR (measured) = 0.902 W/kg



0 dB = 0.902 W/kg = -0.45 dBW/kg

Test Plot 92#: LTE Band 7_Body Back_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 2535 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2535 \text{ MHz}$; $\sigma = 1.93 \text{ S/m}$; $\epsilon_r = 38.393$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.15, 7.15, 7.15)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (111x121x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.766 W/kg

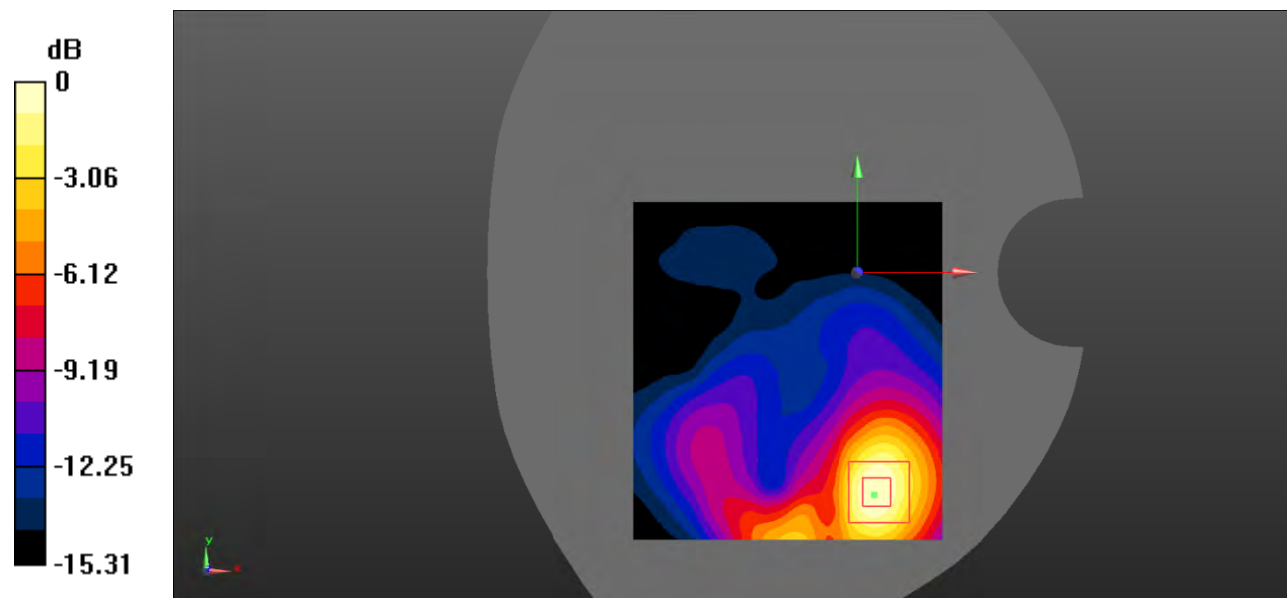
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.004 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.665 W/kg; SAR(10 g) = 0.346 W/kg

Maximum value of SAR (measured) = 0.736 W/kg



0 dB = 0.736 W/kg = -1.33 dBW/kg

Test Plot 93#: LTE Band 7_Body Back_1RB_High

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 2560 MHz;Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2560$ MHz; $\sigma = 1.911$ S/m; $\epsilon_r = 40.808$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.04, 7.04, 7.04) @ 2560 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Body Back/LTE Band 7 1RB High/Area Scan (111x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.652 W/kg

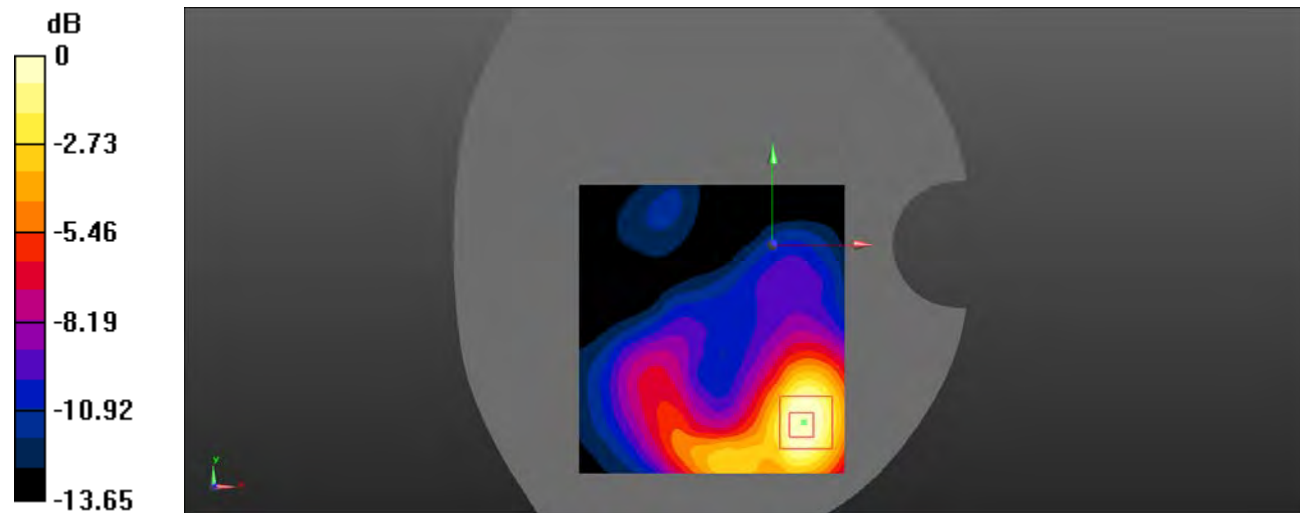
Body Back/LTE Band 7 1RB High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.521 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.876 W/kg

SAR(1 g) = 0.513 W/kg; SAR(10 g) = 0.274 W/kg

Maximum value of SAR (measured) = 0.566 W/kg



0 dB = 0.566 W/kg = -2.47 dBW/kg

Test Plot 94#: LTE Band 7_Body Back_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 2535 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2535 \text{ MHz}$; $\sigma = 1.93 \text{ S/m}$; $\epsilon_r = 38.393$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.15, 7.15, 7.15)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (111x91x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.583 W/kg

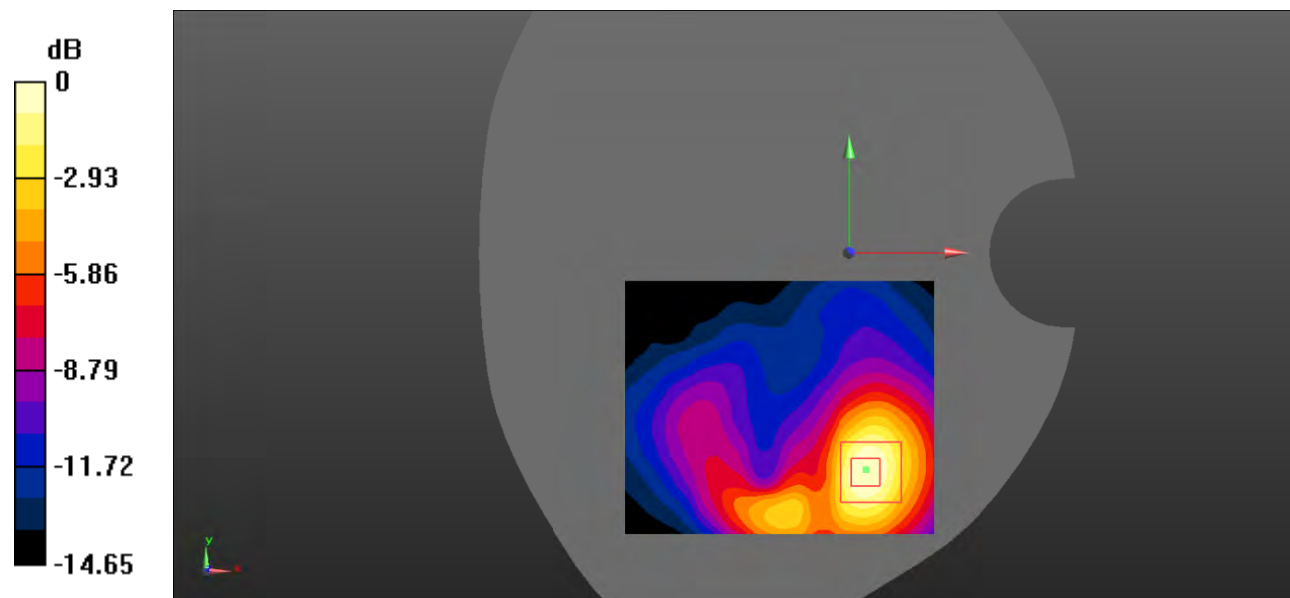
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.974 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.885 W/kg

SAR(1 g) = 0.509 W/kg; SAR(10 g) = 0.265 W/kg

Maximum value of SAR (measured) = 0.565 W/kg



0 dB = 0.565 W/kg = -2.48 dBW/kg

Test Plot 95#: LTE Band 7_Body Left_1RB_Low

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 2510 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2510 \text{ MHz}$; $\sigma = 1.921 \text{ S/m}$; $\epsilon_r = 38.25$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.15, 7.15, 7.15)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x121x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 1.55 W/kg

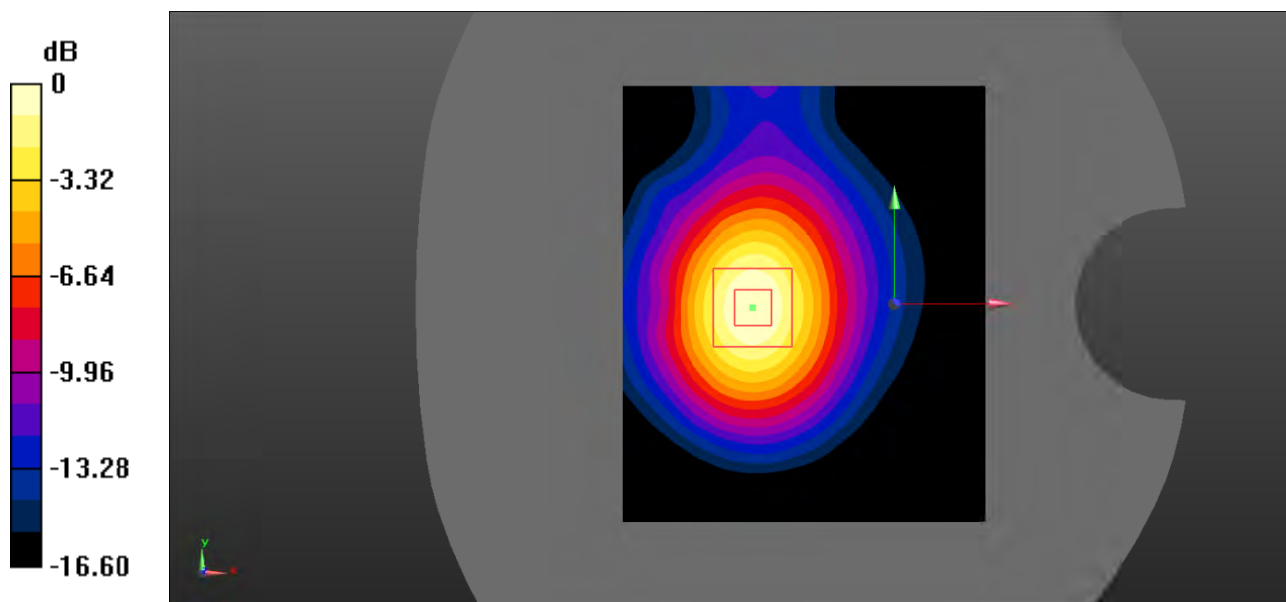
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.92 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 2.43 W/kg

SAR(1 g) = 1.36 W/kg; SAR(10 g) = 0.701 W/kg

Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.51 W/kg = 1.79 dBW/kg

Test Plot 96#: LTE Band 7_Body Left_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 2535 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2535 \text{ MHz}$; $\sigma = 1.93 \text{ S/m}$; $\epsilon_r = 38.393$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.15, 7.15, 7.15)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

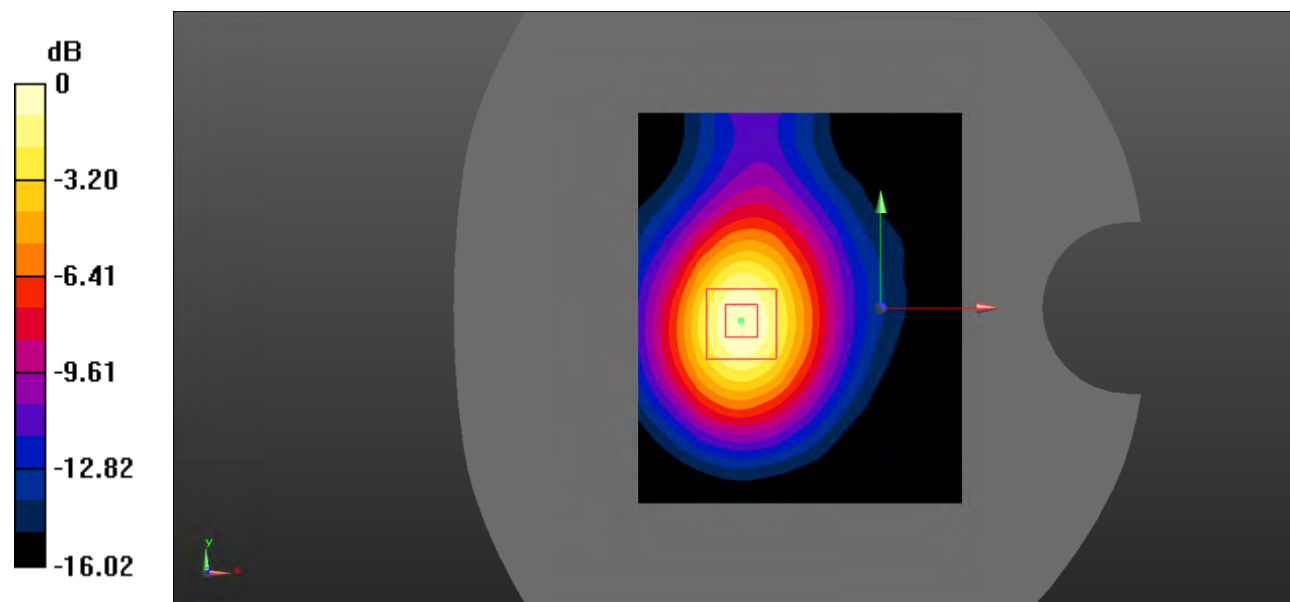
Area Scan (101x121x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 1.14 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 13.79 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.76 W/kg

SAR(1 g) = 0.988 W/kg; SAR(10 g) = 0.512 W/kg

Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.09 W/kg = 0.37 dBW/kg

Test Plot 97#: LTE Band 7_Body Left_1RB_High

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.891$ S/m; $\epsilon_r = 38.076$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.04, 7.04, 7.04)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.760 W/kg

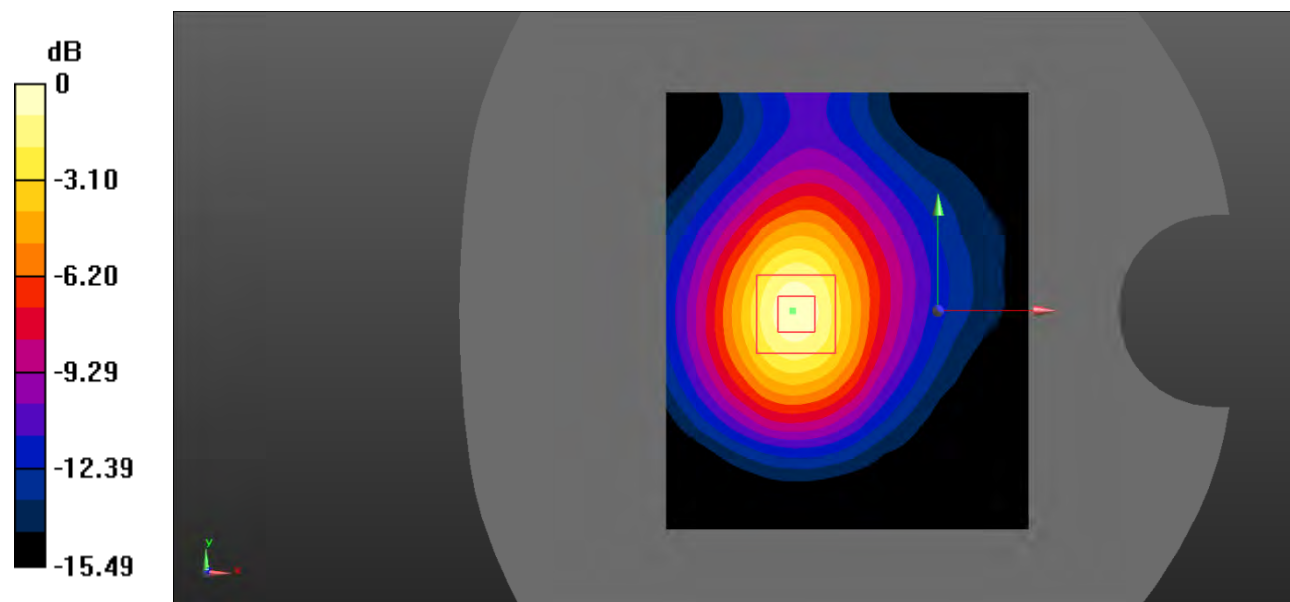
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.70 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.710 W/kg; SAR(10 g) = 0.367 W/kg

Maximum value of SAR (measured) = 0.817 W/kg



0 dB = 0.817 W/kg = -0.88 dBW/kg

Test Plot 98#: LTE Band 7_Body Left_50%RB_Low

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 2510 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.921$ S/m; $\epsilon_r = 38.25$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.15, 7.15, 7.15)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

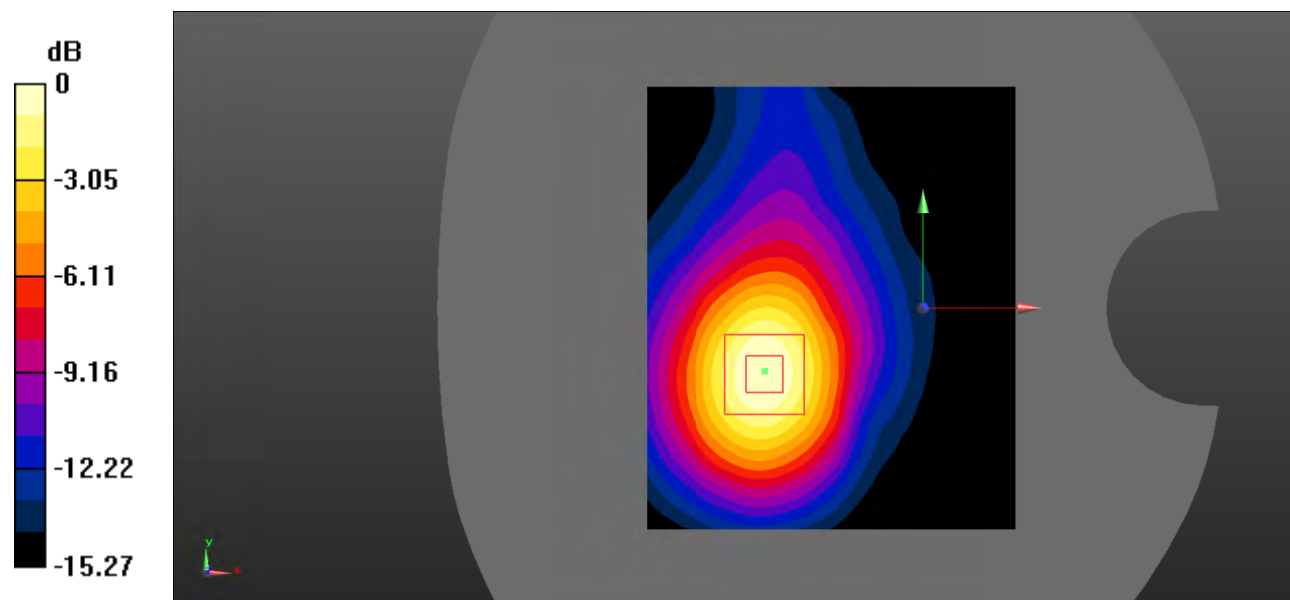
Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 1.07 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 11.16 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 0.943 W/kg; SAR(10 g) = 0.494 W/kg

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



0 dB = 1.04 W/kg = 0.17 dBW/kg

Test Plot 99#: LTE Band 7_Body Left_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 2535 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2535 \text{ MHz}$; $\sigma = 1.93 \text{ S/m}$; $\epsilon_r = 38.393$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.15, 7.15, 7.15)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x121x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.981 W/kg

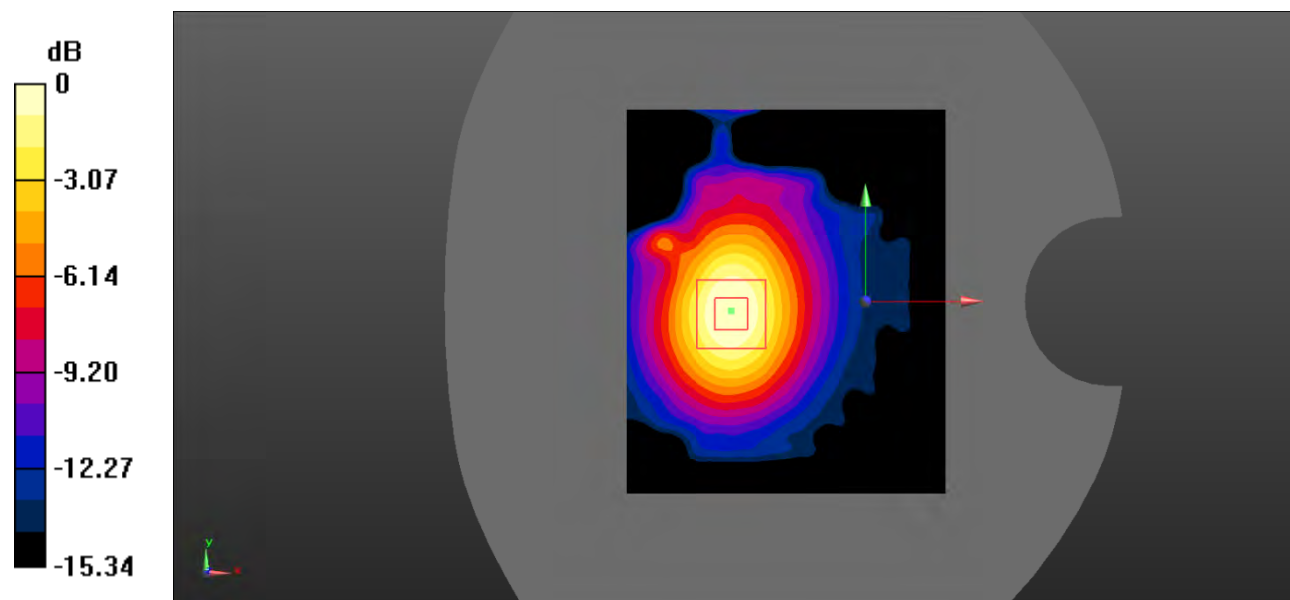
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.60 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.803 W/kg; SAR(10 g) = 0.417 W/kg

Maximum value of SAR (measured) = 0.892 W/kg



0 dB = 0.892 W/kg = -0.50 dBW/kg

Test Plot 100#: LTE Band 7_Body Left_50%RB_High

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.891$ S/m; $\epsilon_r = 38.076$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.04, 7.04, 7.04)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

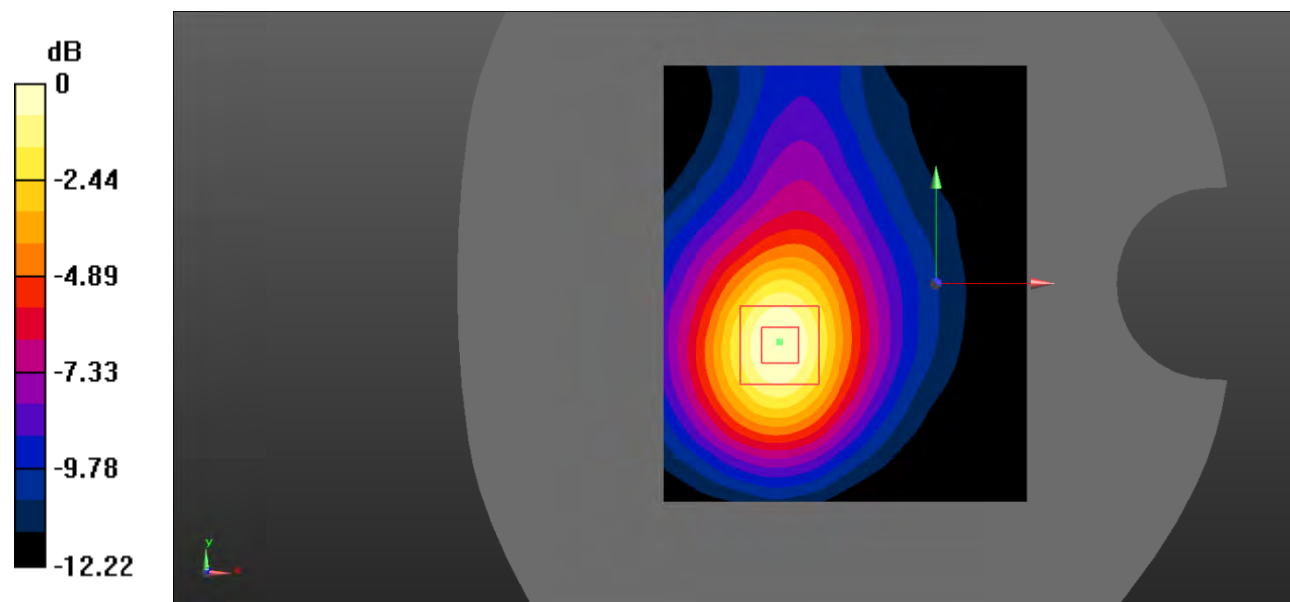
Area Scan (101x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.450 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 8.279 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.691 W/kg

SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.215 W/kg

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



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

Test Plot 101#: LTE Band 7_Body Right_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 2535 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2535 \text{ MHz}$; $\sigma = 1.93 \text{ S/m}$; $\epsilon_r = 38.393$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.15, 7.15, 7.15)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x121x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.0489 W/kg

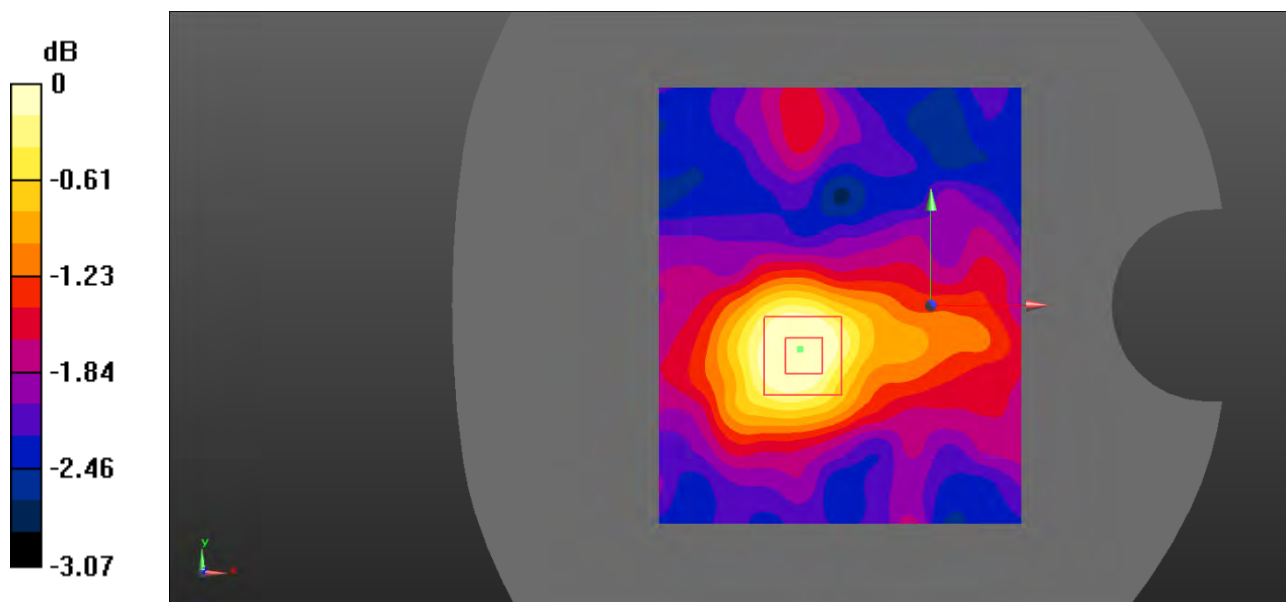
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.468 V/m ; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.0660 W/kg

SAR(1 g) = 0.044 W/kg ; SAR(10 g) = 0.035 W/kg

Maximum value of SAR (measured) = 0.0452 W/kg



0 dB = 0.0452 W/kg = -13.45 dBW/kg

Test Plot 102#: LTE Band 7_Body Right_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 2535 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2535 \text{ MHz}$; $\sigma = 1.93 \text{ S/m}$; $\epsilon_r = 38.393$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.15, 7.15, 7.15)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x121x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.0438 W/kg

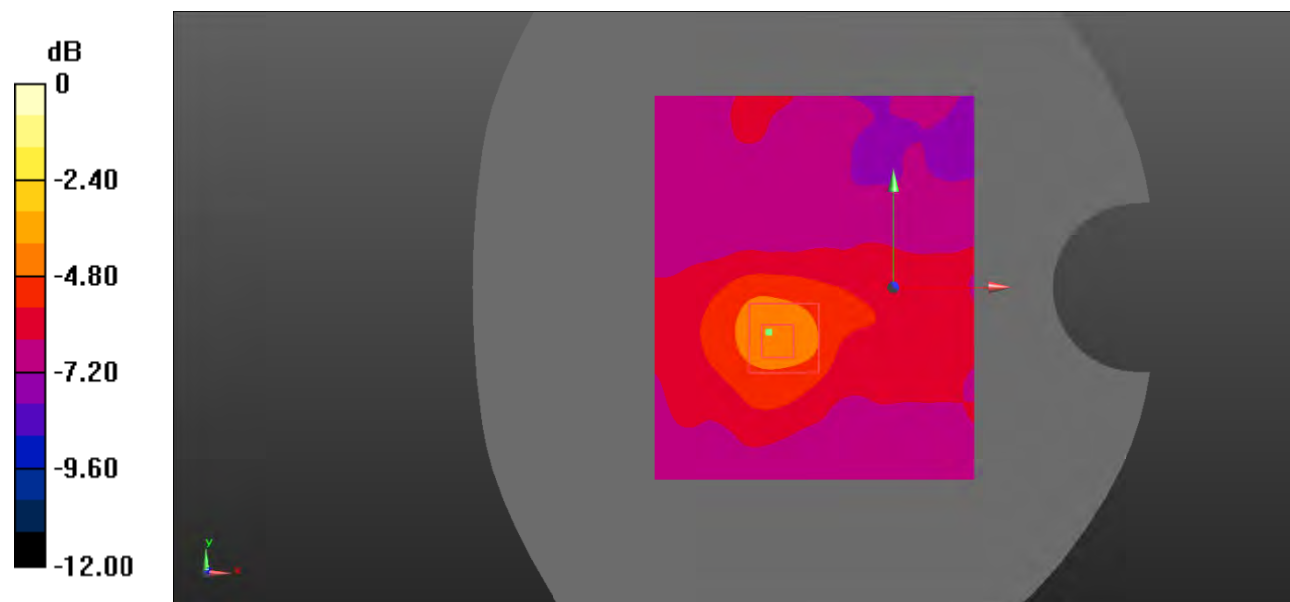
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.288 V/m ; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.280 W/kg

SAR(1 g) = 0.051 W/kg ; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.118 W/kg



0 dB = $0.118 \text{ W/kg} = -9.28 \text{ dBW/kg}$

Test Plot 103#: LTE Band 7_Body Bottom_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 2535 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2535 \text{ MHz}$; $\sigma = 1.93 \text{ S/m}$; $\epsilon_r = 38.393$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.15, 7.15, 7.15)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x121x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.187 W/kg

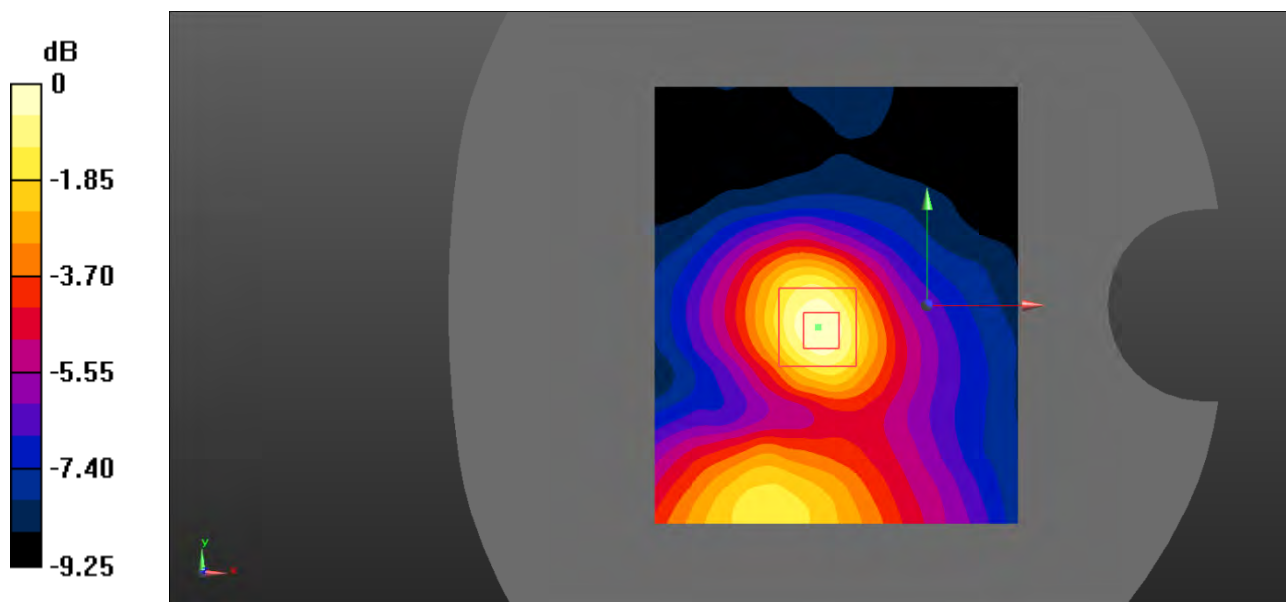
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.184 V/m ; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.330 W/kg

SAR(1 g) = 0.173 W/kg ; SAR(10 g) = 0.098 W/kg

Maximum value of SAR (measured) = 0.185 W/kg



0 dB = $0.185 \text{ W/kg} = -7.33 \text{ dBW/kg}$

Test Plot 104#: LTE Band 7_Body Bottom_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 2535 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2535 \text{ MHz}$; $\sigma = 1.93 \text{ S/m}$; $\epsilon_r = 38.393$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.15, 7.15, 7.15)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x121x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.263 W/kg

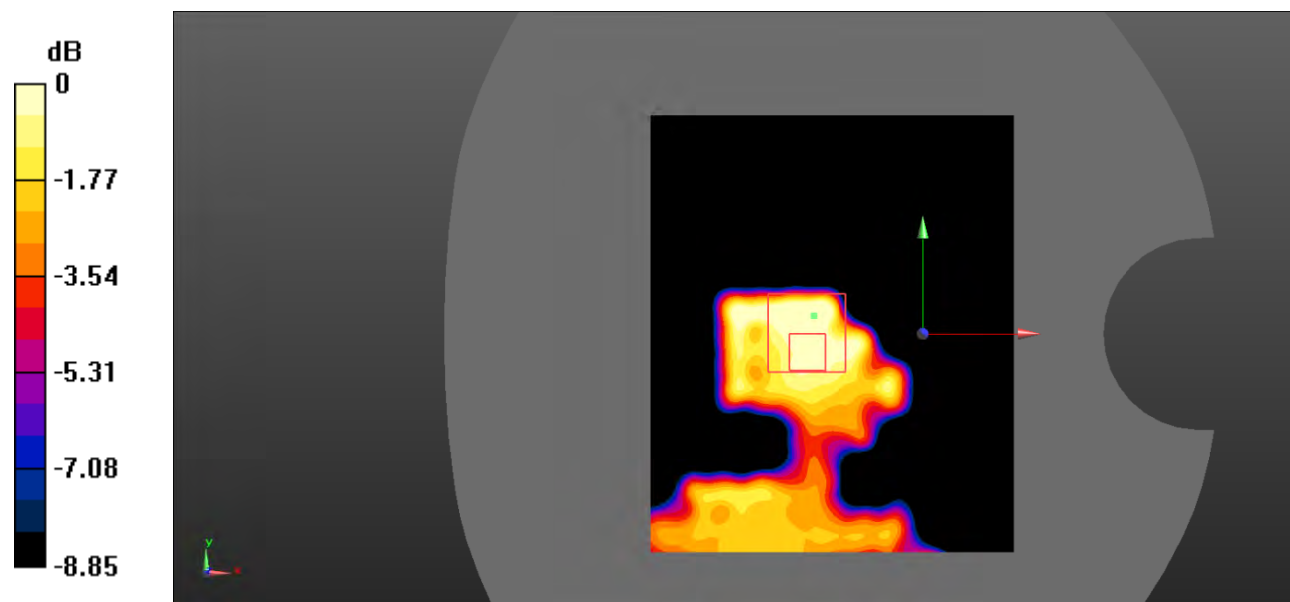
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.418 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.283 W/kg

SAR(1 g) = 0.157 W/kg ; SAR(10 g) = 0.087 W/kg

Maximum value of SAR (measured) = 0.169 W/kg



0 dB = $0.169 \text{ W/kg} = -7.72 \text{ dBW/kg}$

Test Plot 105#: LTE Band 17_Head Left Cheek_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 710 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.876 \text{ S/m}$; $\epsilon_r = 43.174$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.0169 W/kg

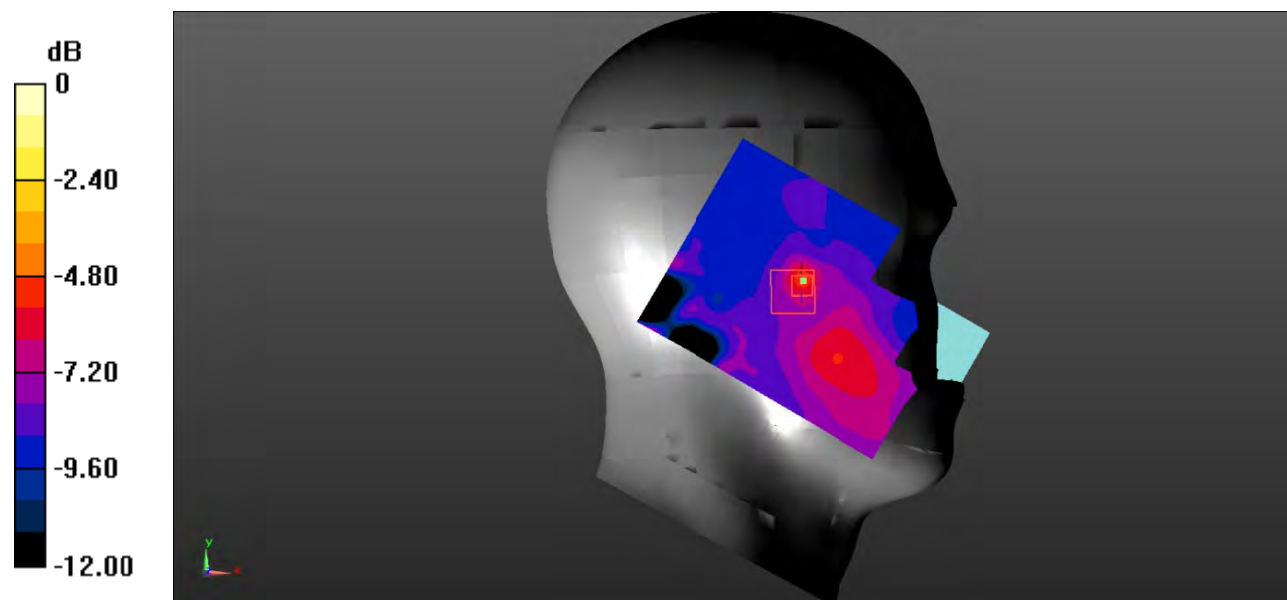
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.830 V/m ; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.0740 W/kg

SAR(1 g) = 0.00332 W/kg ; SAR(10 g) = 0.000558 W/kg

Maximum value of SAR (measured) = 0.0560 W/kg



0 dB = 0.0560 W/kg = -12.52 dBW/kg

Test Plot 106#: LTE Band 17_Head Left Cheek_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 710 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.876 \text{ S/m}$; $\epsilon_r = 43.174$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.0450 W/kg

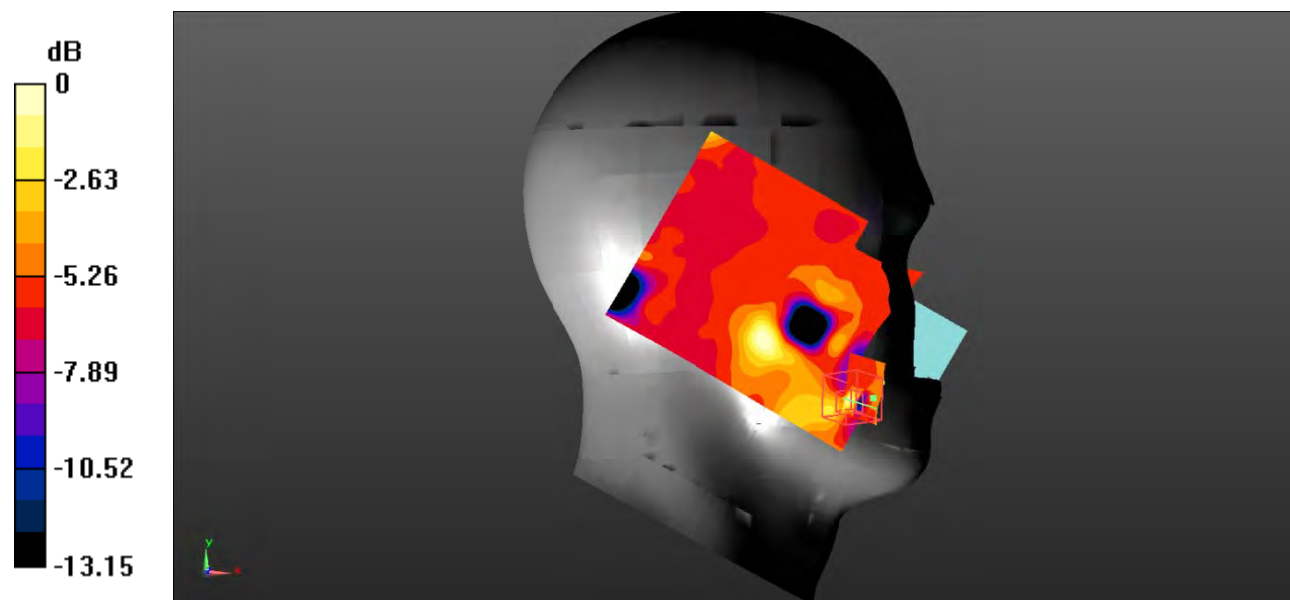
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.819 V/m ; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.0290 W/kg

SAR(1 g) = 0.00994 W/kg; SAR(10 g) = 0.00169 W/kg

Maximum value of SAR (measured) = 0.0286 W/kg



0 dB = $0.0286 \text{ W/kg} = -15.44 \text{ dBW/kg}$

Test Plot 107#: LTE Band 17_Head Left Tilt_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 710 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.876 \text{ S/m}$; $\epsilon_r = 43.174$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

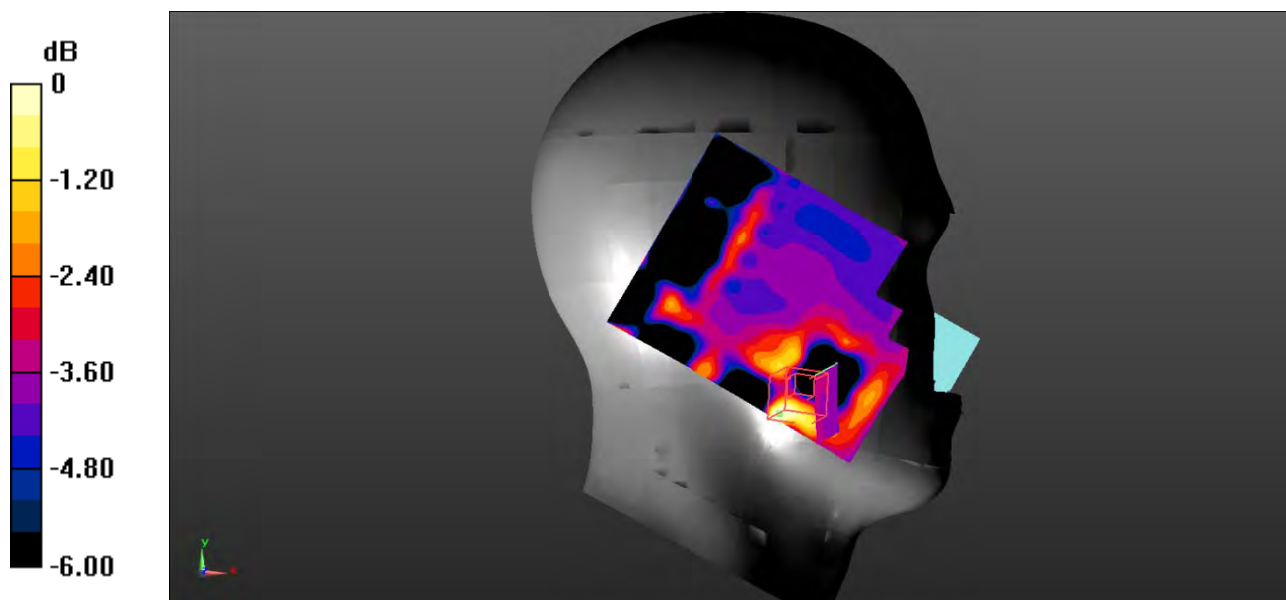
Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.0230 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 2.025 V/m ; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.0110 W/kg

SAR(1 g) = 0.00992 W/kg; SAR(10 g) = 0.00918 W/kg

Maximum value of SAR (measured) = 0.00992 W/kg



0 dB = $0.00992 \text{ W/kg} = -20.03 \text{ dBW/kg}$

Test Plot 108#: LTE Band 17_Head Left Tilt_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 710 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.876 \text{ S/m}$; $\epsilon_r = 43.174$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.0124 W/kg

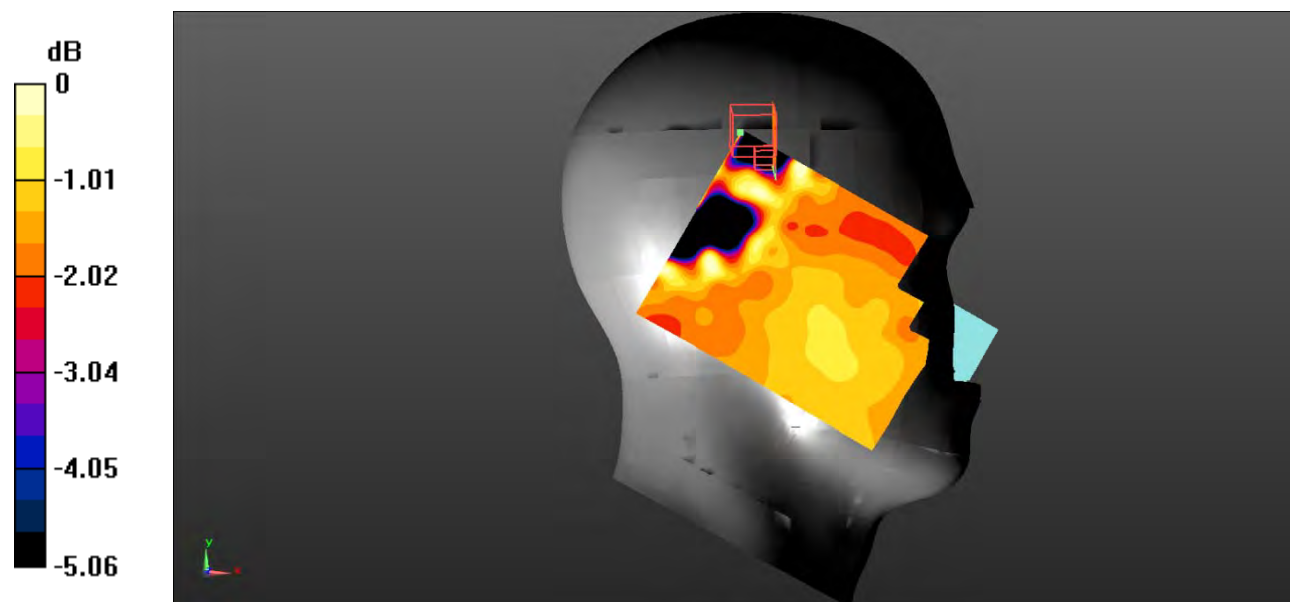
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.798 V/m ; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0220 W/kg

SAR(1 g) = 0.00817 W/kg ; SAR(10 g) = 0.00751 W/kg

Maximum value of SAR (measured) = 0.0112 W/kg



0 dB = $0.0112 \text{ W/kg} = -19.51 \text{ dBW/kg}$

Test Plot 109#: LTE Band 17_Head Right Cheek_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 710 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.876 \text{ S/m}$; $\epsilon_r = 43.174$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.0151 W/kg

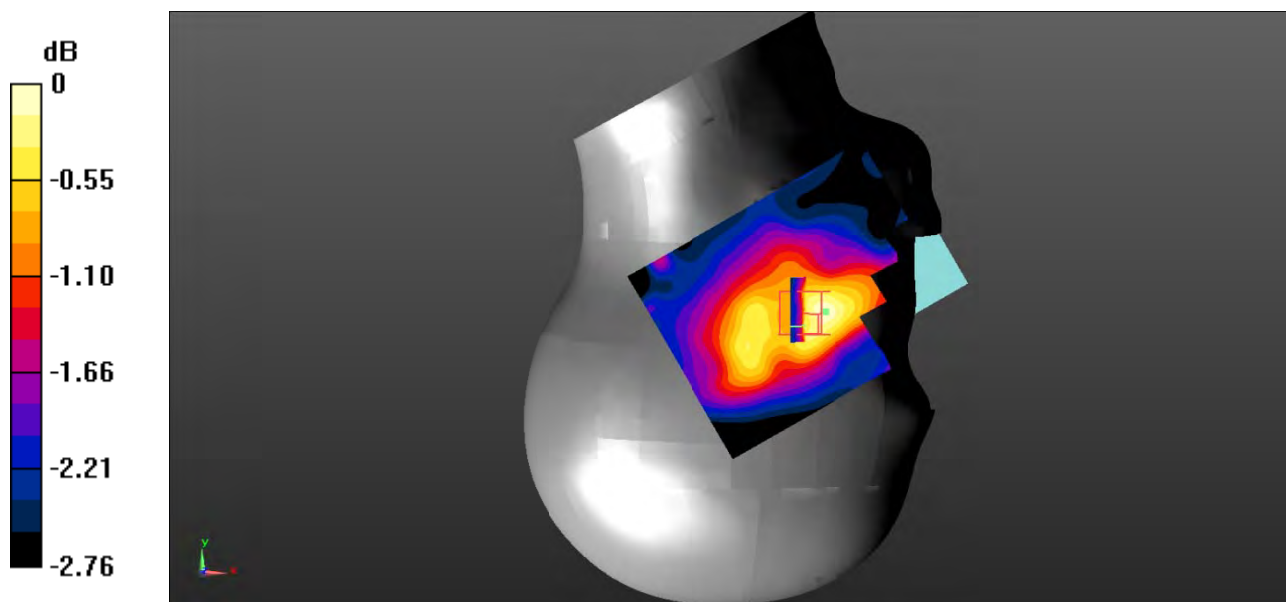
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.290 V/m ; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.0200 W/kg

SAR(1 g) = 0.015 W/kg ; SAR(10 g) = 0.012 W/kg

Maximum value of SAR (measured) = 0.0155 W/kg



0 dB = $0.0155 \text{ W/kg} = -18.10 \text{ dBW/kg}$

Test Plot 110#: LTE Band 17_Head Right Cheek_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 710 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.876 \text{ S/m}$; $\epsilon_r = 43.174$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.0131 W/kg

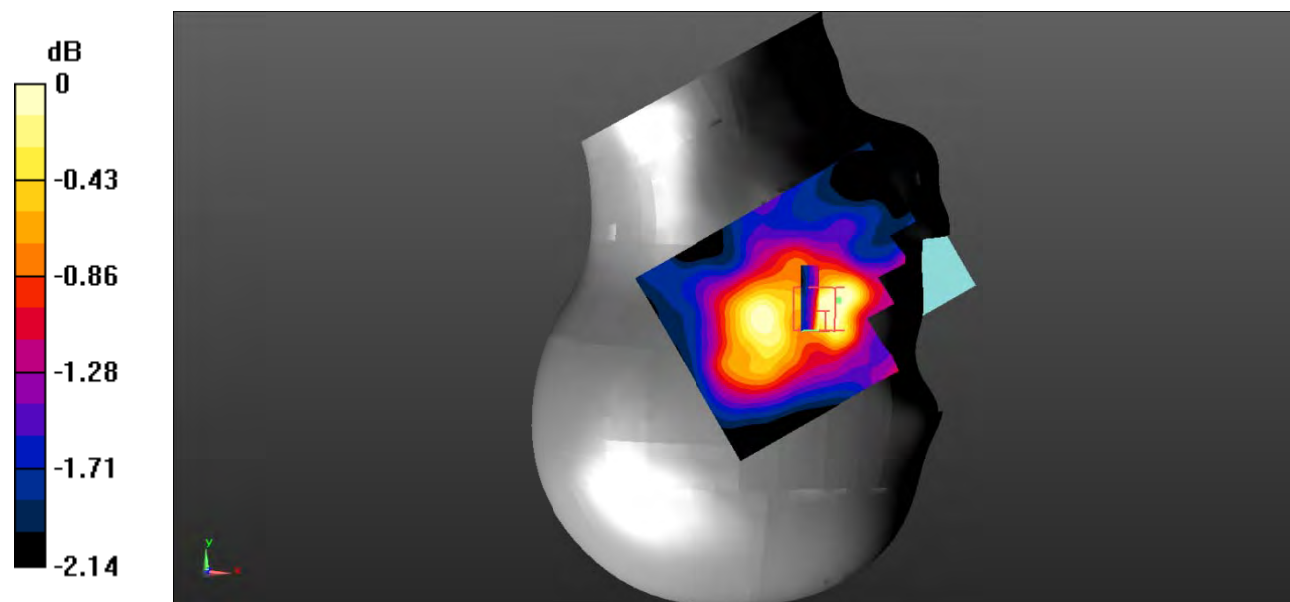
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.037 V/m ; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.0180 W/kg

SAR(1 g) = 0.013 W/kg ; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.0130 W/kg



0 dB = 0.0130 W/kg = -18.86 dBW/kg

Test Plot 111#: LTE Band 17_Head Right Tilt_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 710 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.876 \text{ S/m}$; $\epsilon_r = 43.174$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.0152 W/kg

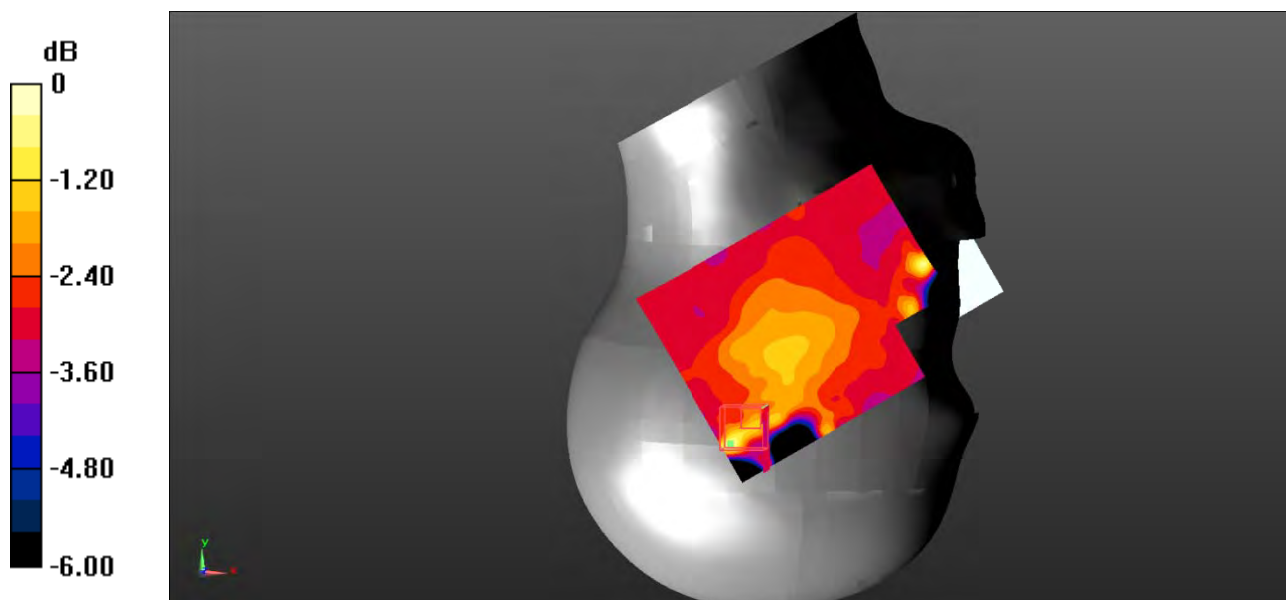
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.281 V/m ; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.00932 W/kg

SAR(1 g) = 0.00872 W/kg ; SAR(10 g) = 0.00773 W/kg

Maximum value of SAR (measured) = 0.00912 W/kg



0 dB = $0.00912 \text{ W/kg} = -20.40 \text{ dBW/kg}$

Test Plot 112#: LTE Band 17_Head Right Tilt_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 710 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.876 \text{ S/m}$; $\epsilon_r = 43.174$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.0190 W/kg

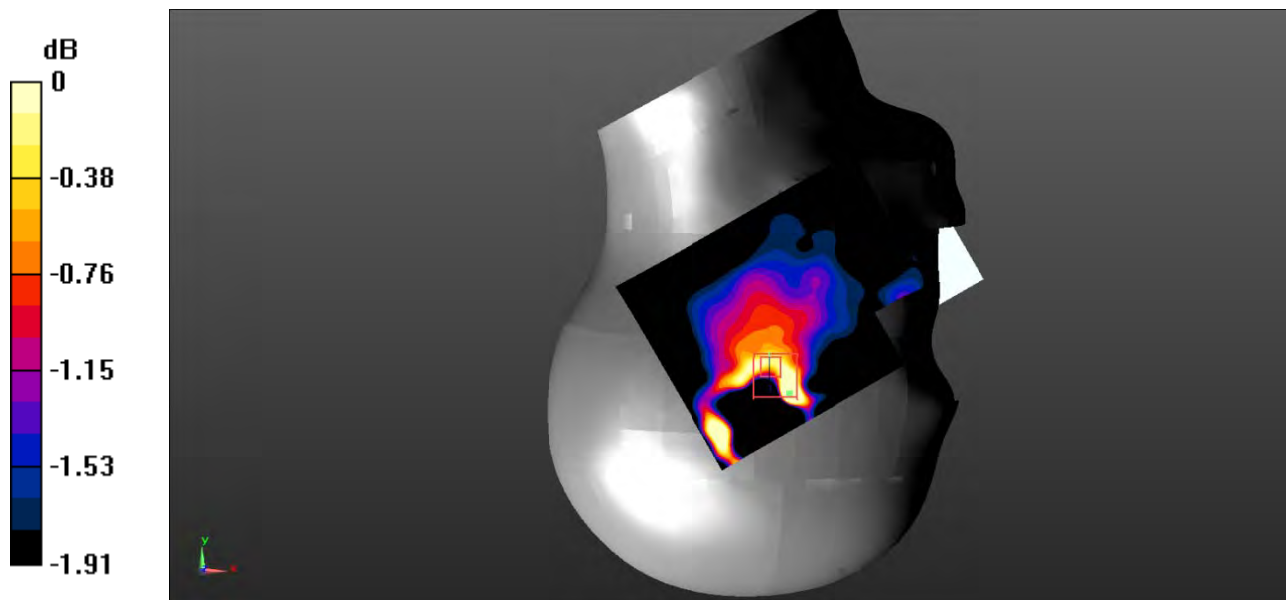
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.856 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.0110 W/kg

SAR(1 g) = 0.011 W/kg ; SAR(10 g) = 0.00932 W/kg

Maximum value of SAR (measured) = 0.0111 W/kg



0 dB = $0.0111 \text{ W/kg} = -19.55 \text{ dBW/kg}$

Test Plot 113#: LTE Band 17_Body Back_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

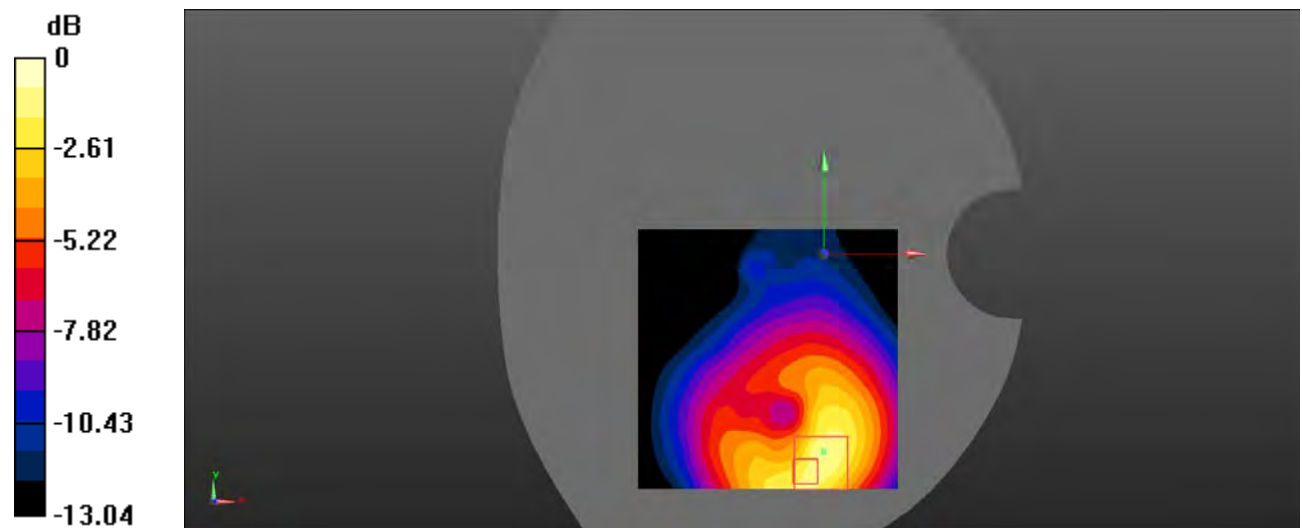
Communication System: UID 0, Generic FDD-LTE (0); Frequency: 710 MHz;Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 710 \text{ MHz}$; $\sigma = 0.876 \text{ S/m}$; $\epsilon_r = 43.174$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Body Back/LTE Band 17 1RB Mid/Area Scan (71x71x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.163 W/kg

Body Back/LTE Band 17 1RB Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 3.477 V/m ; Power Drift = 0.12 dB
 Peak SAR (extrapolated) = 0.273 W/kg
SAR(1 g) = 0.150 W/kg ; SAR(10 g) = 0.084 W/kg
 Maximum value of SAR (measured) = 0.157 W/kg



0 dB = $0.196 \text{ W/kg} = -7.08 \text{ dBW/kg}$

Test Plot 114#: LTE Band 17_Body Back_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 710 MHz;Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 710 \text{ MHz}$; $\sigma = 0.876 \text{ S/m}$; $\epsilon_r = 43.174$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Body Back/LTE Band 17 50%RB Mid/Area Scan (71x71x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.121 W/kg

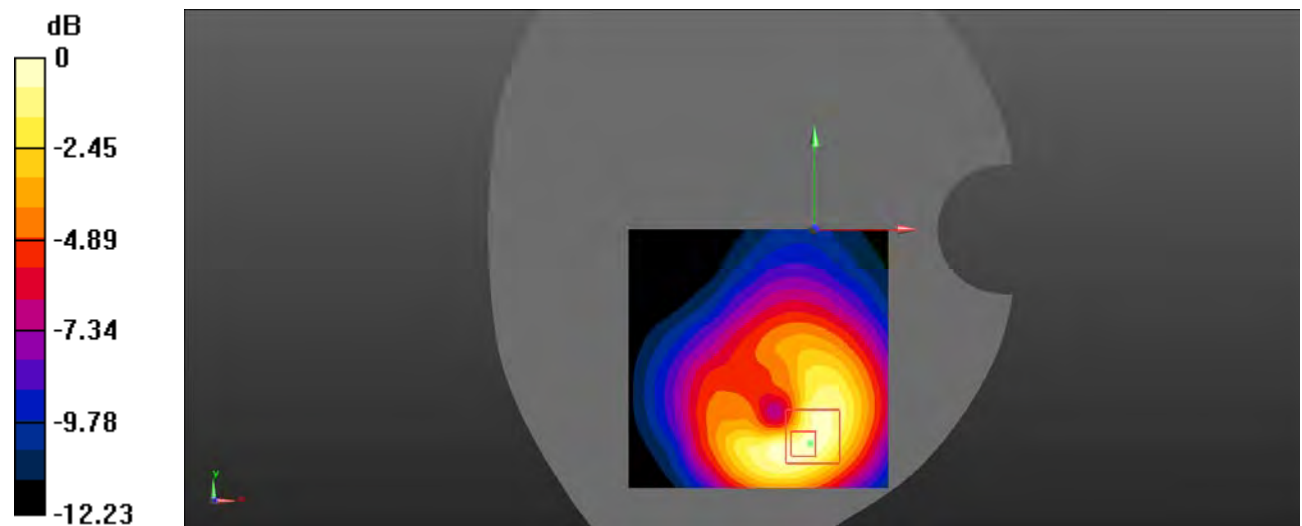
Body Back/LTE Band 17 50%RB Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.133 V/m ; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.209 W/kg

SAR(1 g) = 0.118 W/kg ; SAR(10 g) = 0.068 W/kg

Maximum value of SAR (measured) = 0.126 W/kg



0 dB = $0.126 \text{ W/kg} = -9.00 \text{ dBW/kg}$

Test Plot 115#: LTE Band 17_Body Left_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 710 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.876 \text{ S/m}$; $\epsilon_r = 43.174$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0299 W/kg

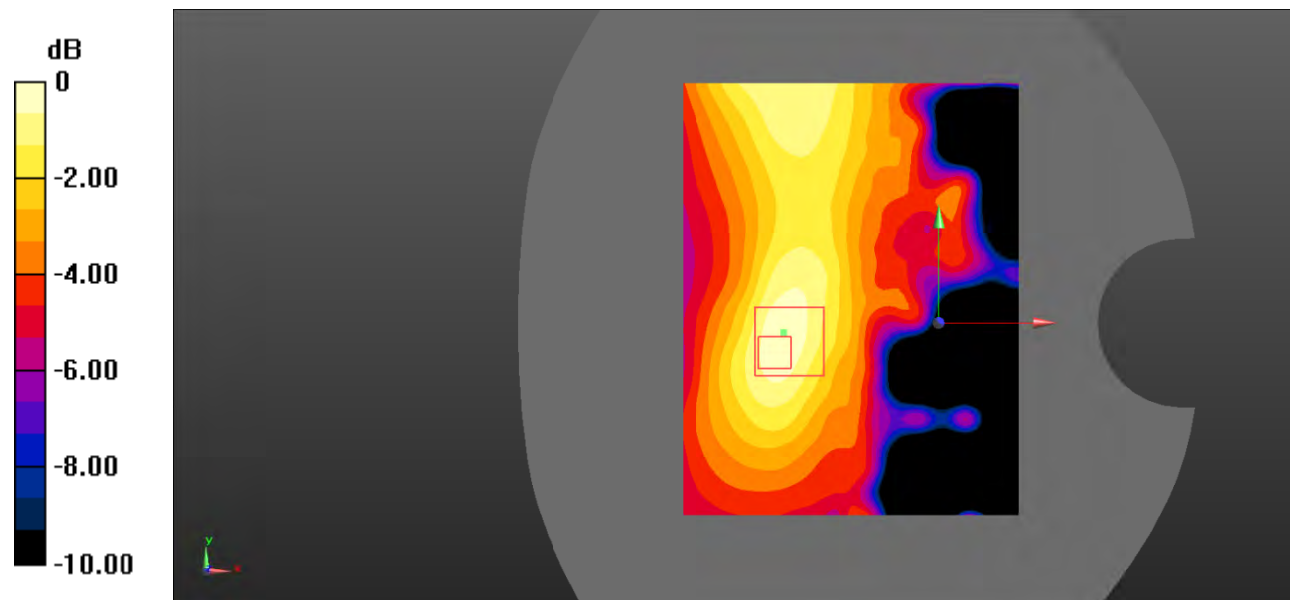
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.776 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.0390 W/kg

SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.0283 W/kg



0 dB = 0.0283 W/kg = -15.48 dBW/kg

Test Plot 116#: LTE Band 17_Body Left_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 710 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.876 \text{ S/m}$; $\epsilon_r = 43.174$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.0672 W/kg

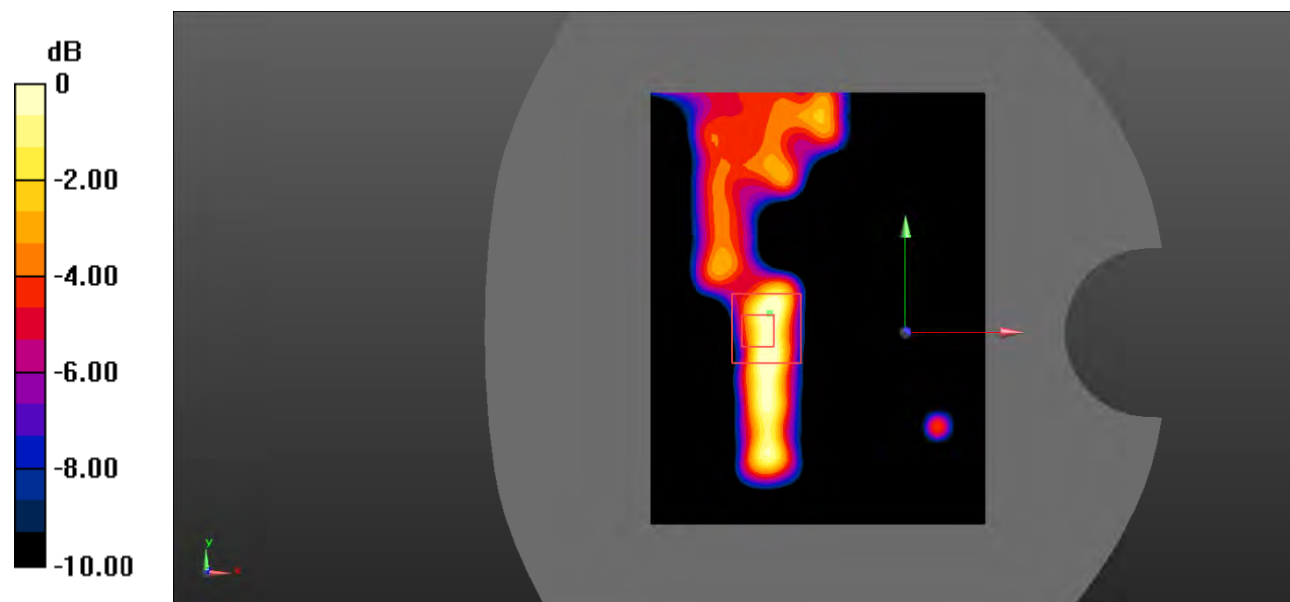
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.294 V/m ; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.0290 W/kg

SAR(1 g) = 0.022 W/kg ; SAR(10 g) = 0.015 W/kg

Maximum value of SAR (measured) = 0.0229 W/kg



0 dB = 0.0229 W/kg = -16.40 dBW/kg

Test Plot 117#: LTE Band 17_Body Right_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 710 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.876 \text{ S/m}$; $\epsilon_r = 43.174$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.0147 W/kg

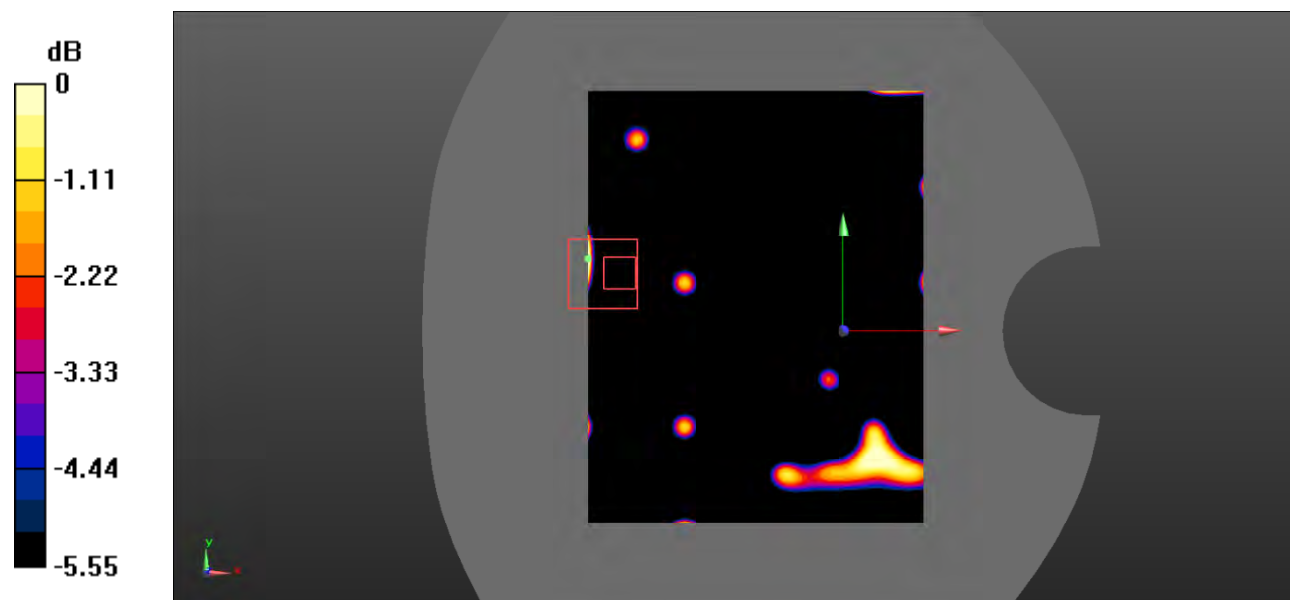
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.546 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.0330 W/kg

SAR(1 g) = 0.012 W/kg ; SAR(10 g) = 0.00286 W/kg

Maximum value of SAR (measured) = 0.0110 W/kg



0 dB = $0.0110 \text{ W/kg} = -19.59 \text{ dBW/kg}$

Test Plot 118#: LTE Band 17_Body Right_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 710 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.876 \text{ S/m}$; $\epsilon_r = 43.174$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.0213 W/kg

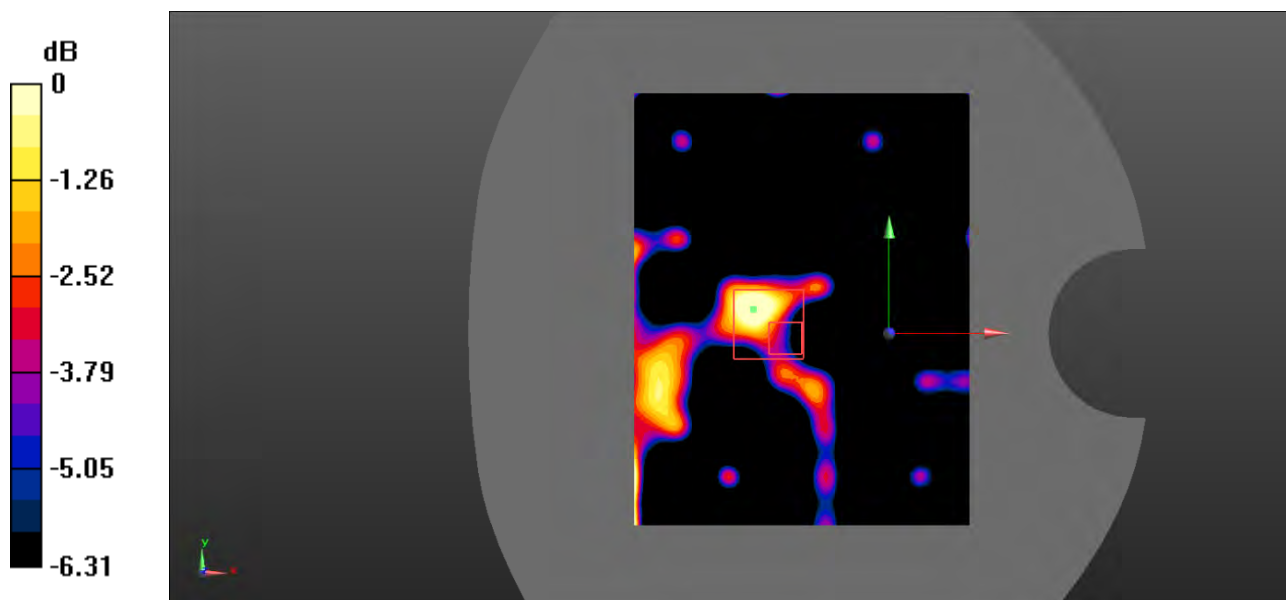
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.321 V/m ; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.0280 W/kg

SAR(1 g) = 0.00385 W/kg ; SAR(10 g) = 0.000922 W/kg

Maximum value of SAR (measured) = 0.0155 W/kg



0 dB = $0.0155 \text{ W/kg} = -18.10 \text{ dBW/kg}$

Test Plot 119#: LTE Band 17_Body Bottom_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 710 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.876 \text{ S/m}$; $\epsilon_r = 43.174$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.0589 W/kg

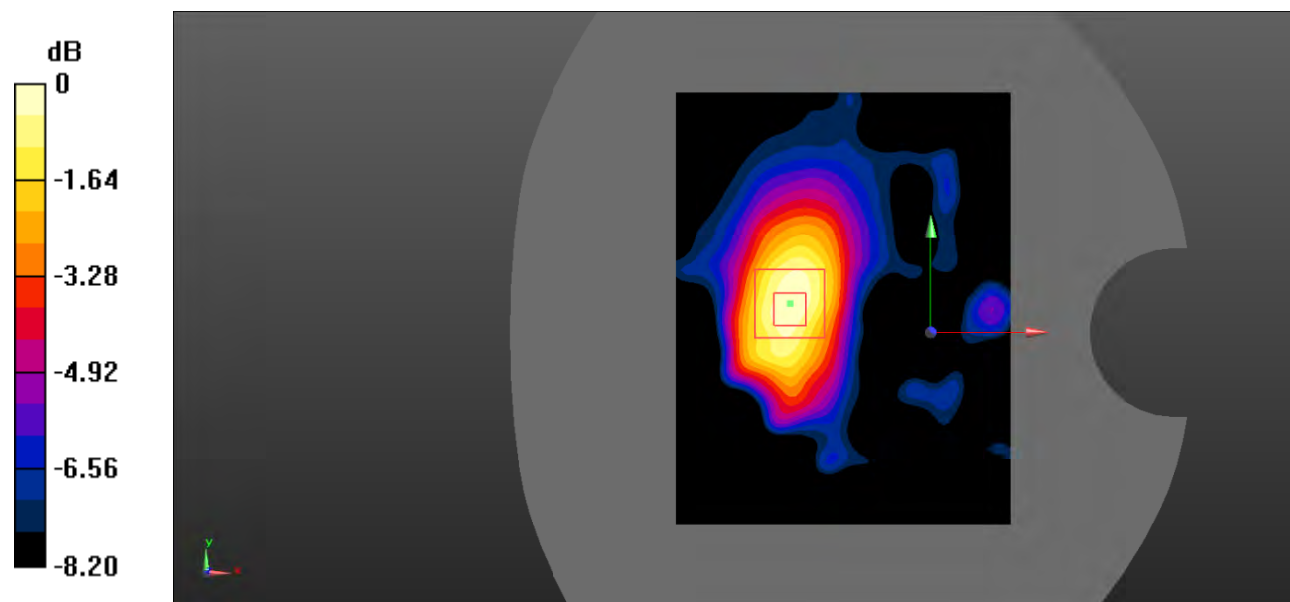
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.257 V/m ; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.0980 W/kg

SAR(1 g) = 0.057 W/kg ; SAR(10 g) = 0.035 W/kg

Maximum value of SAR (measured) = 0.0590 W/kg



0 dB = 0.0590 W/kg = -12.29 dBW/kg

Test Plot 120#: LTE Band 17_Body Bottom_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic FDD-LTE; Frequency: 710 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.876 \text{ S/m}$; $\epsilon_r = 43.174$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.0457 W/kg

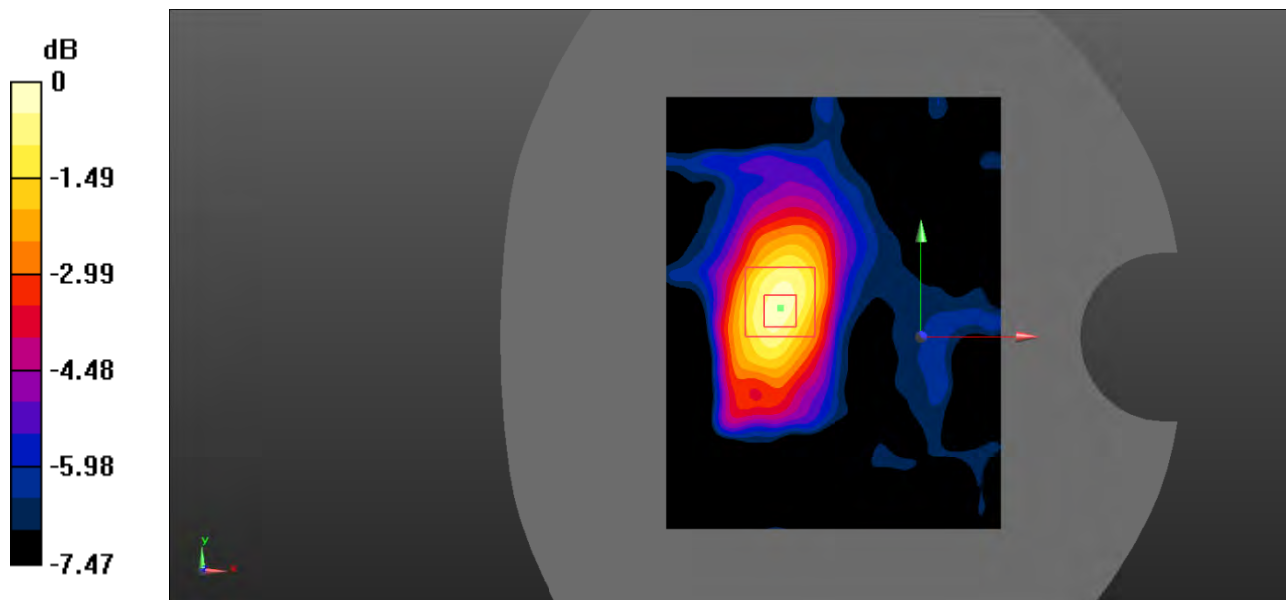
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.479 V/m ; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.0740 W/kg

SAR(1 g) = 0.046 W/kg ; SAR(10 g) = 0.029 W/kg

Maximum value of SAR (measured) = 0.0477 W/kg



0 dB = $0.0477 \text{ W/kg} = -13.21 \text{ dBW/kg}$

Test Plot 121#: LTE Band 41_Head Left Cheek_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic TDD-LTE; Frequency: 2605 MHz;Duty Cycle: 1:2
 Medium parameters used: $f = 2605$ MHz; $\sigma = 1.918$ S/m; $\epsilon_r = 38.456$; $\rho = 1000$ kg/m³ ;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.04, 7.04, 7.04)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

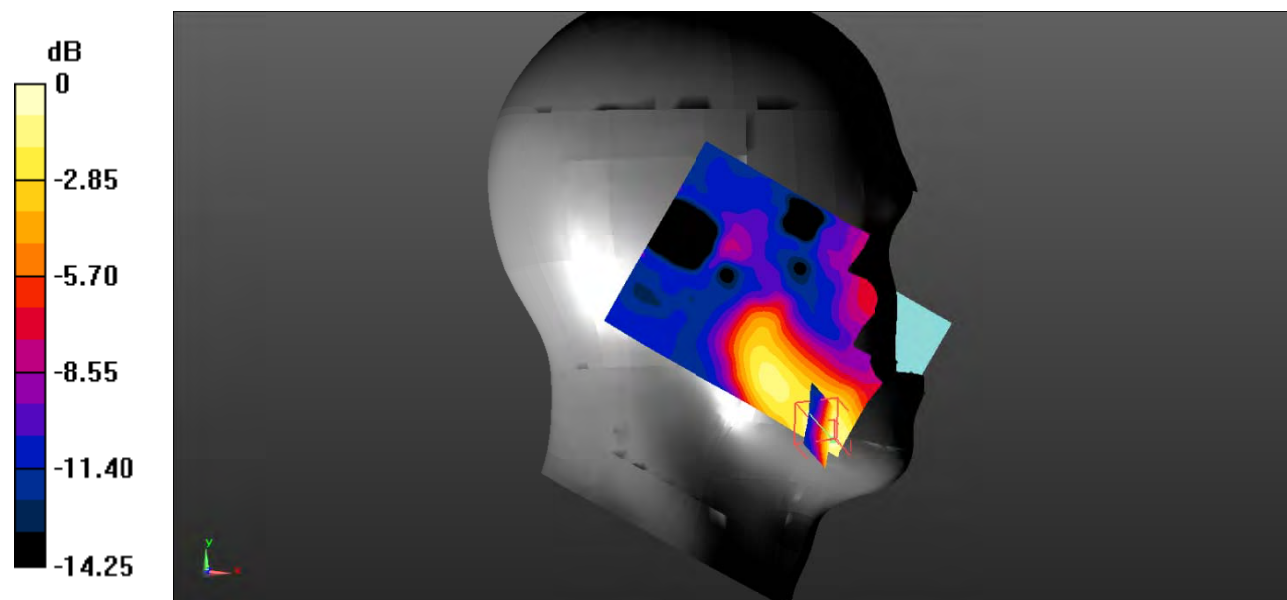
Area Scan (101x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.158 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 1.704 V/m; Power Drift = 4.68 dB

Peak SAR (extrapolated) = 0.210 W/kg

SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.079 W/kg

Maximum value of SAR (measured) = 0.140 W/kg



0 dB = 0.140 W/kg = -8.54 dBW/kg

Test Plot 122#: LTE Band 41_Head Left Cheek_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic TDD-LTE; Frequency: 2605 MHz;Duty Cycle: 1:2
 Medium parameters used: $f = 2605$ MHz; $\sigma = 1.918$ S/m; $\epsilon_r = 38.456$; $\rho = 1000$ kg/m³ ;
 Phantom section: Left Section

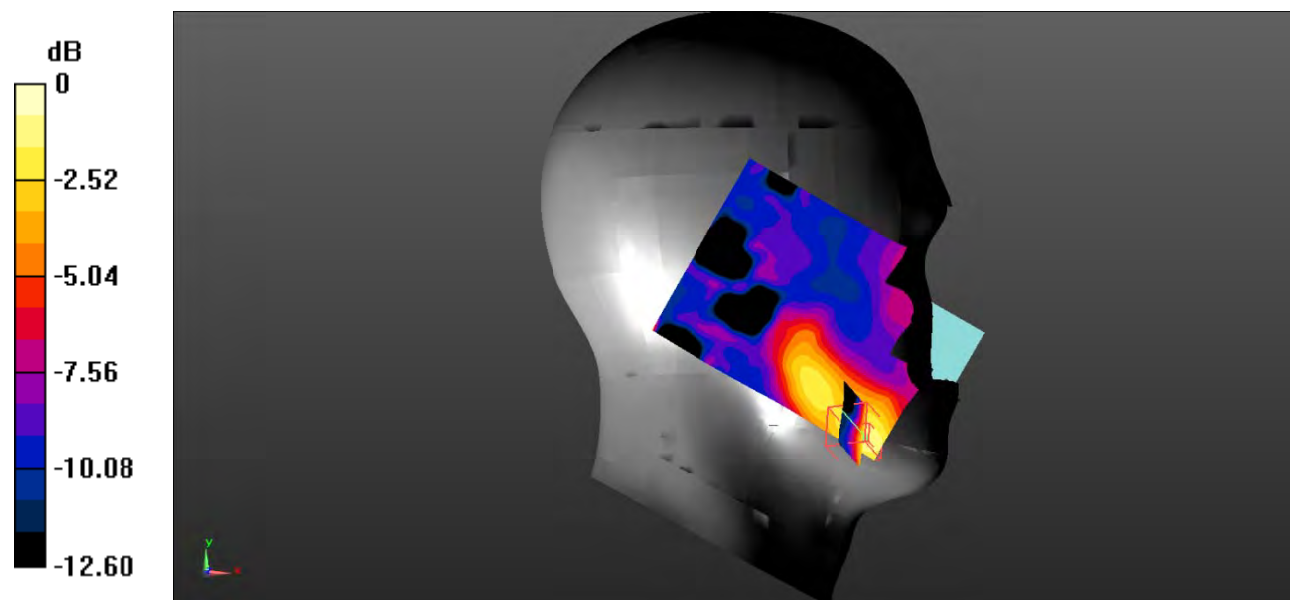
DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.04, 7.04, 7.04)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.121 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 11.60 V/m; Power Drift = -0.08 dB
 Peak SAR (extrapolated) = 0.212 W/kg

SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.056 W/kg
 Maximum value of SAR (measured) = 0.107 W/kg



0 dB = 0.107 W/kg = -9.71 dBW/kg

Test Plot 123#: LTE Band 41_Head Left Tilt_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic TDD-LTE; Frequency: 2605 MHz;Duty Cycle: 1:2
 Medium parameters used: $f = 2605$ MHz; $\sigma = 1.918$ S/m; $\epsilon_r = 38.456$; $\rho = 1000$ kg/m³ ;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.04, 7.04, 7.04)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.0413 W/kg

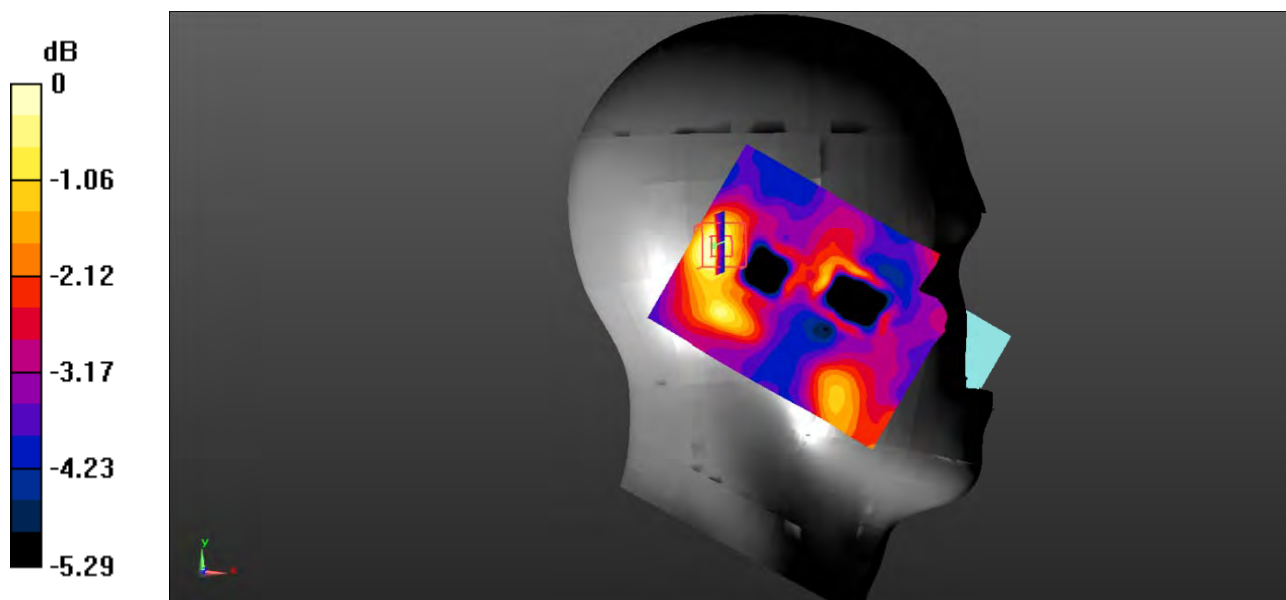
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.906 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0580 W/kg

SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (measured) = 0.0406 W/kg



0 dB = 0.0406 W/kg = -13.91 dBW/kg

Test Plot 124#: LTE Band 41_Head Left Tilt_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic TDD-LTE; Frequency: 2605 MHz;Duty Cycle: 1:2
 Medium parameters used: $f = 2605$ MHz; $\sigma = 1.918$ S/m; $\epsilon_r = 38.456$; $\rho = 1000$ kg/m³ ;
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.04, 7.04, 7.04)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.0410 W/kg

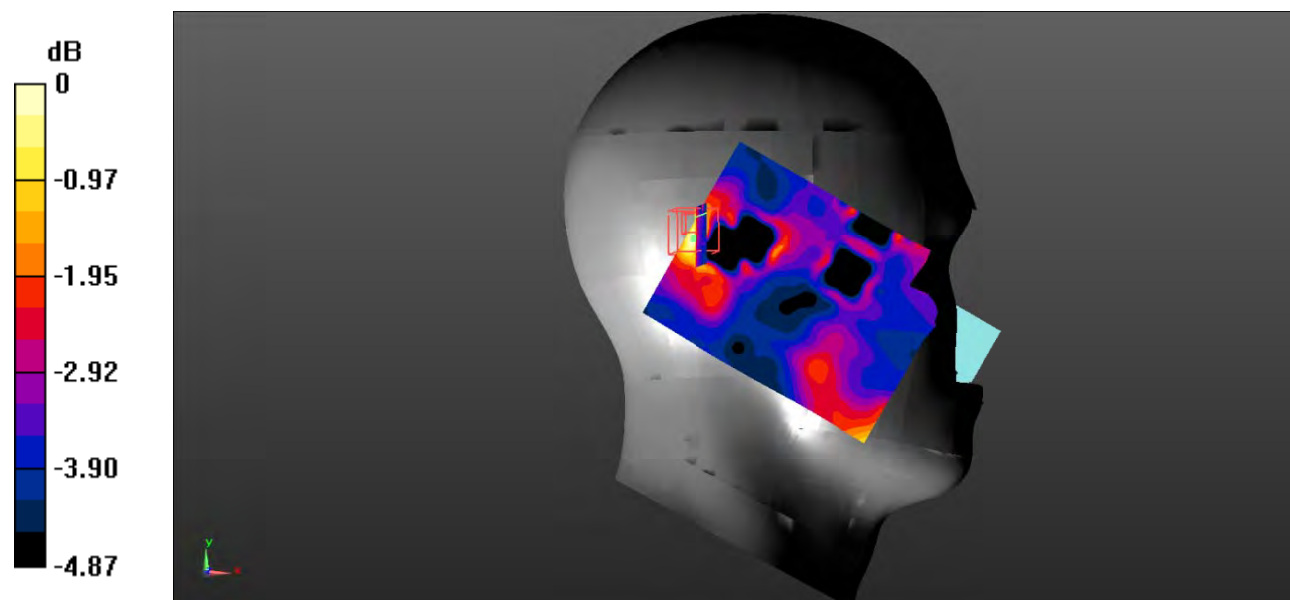
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.271 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.0440 W/kg

SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.023 W/kg

Maximum value of SAR (measured) = 0.0335 W/kg



0 dB = 0.0335 W/kg = -14.75 dBW/kg

Test Plot 125#: LTE Band 41_Head Right Cheek_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic TDD-LTE; Frequency: 2605 MHz;Duty Cycle: 1:2
 Medium parameters used: $f = 2605$ MHz; $\sigma = 1.918$ S/m; $\epsilon_r = 38.456$; $\rho = 1000$ kg/m³ ;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.04, 7.04, 7.04)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.0620 W/kg

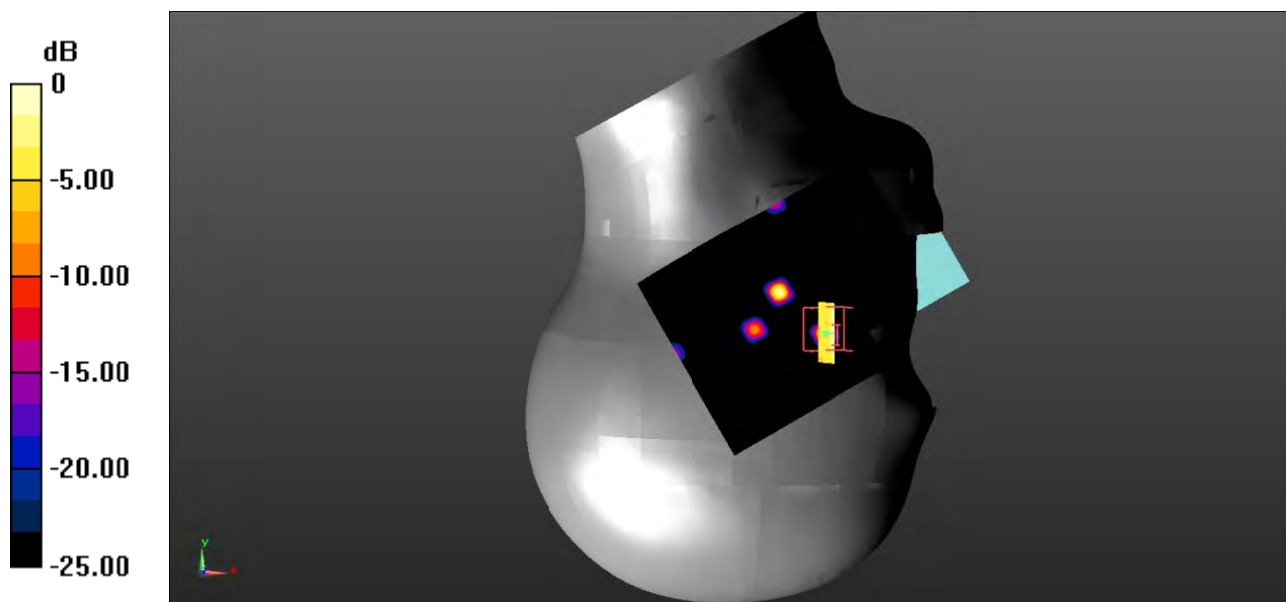
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.574 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.101 W/kg

SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.040 W/kg

Maximum value of SAR (measured) = 0.0670 W/kg



0 dB = 0.0670 W/kg = -11.74 dBW/kg

Test Plot 126#: LTE Band 41_Head Right Cheek_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic TDD-LTE; Frequency: 2605 MHz;Duty Cycle: 1:2
 Medium parameters used: $f = 2605$ MHz; $\sigma = 1.918$ S/m; $\epsilon_r = 38.456$; $\rho = 1000$ kg/m³ ;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.04, 7.04, 7.04)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

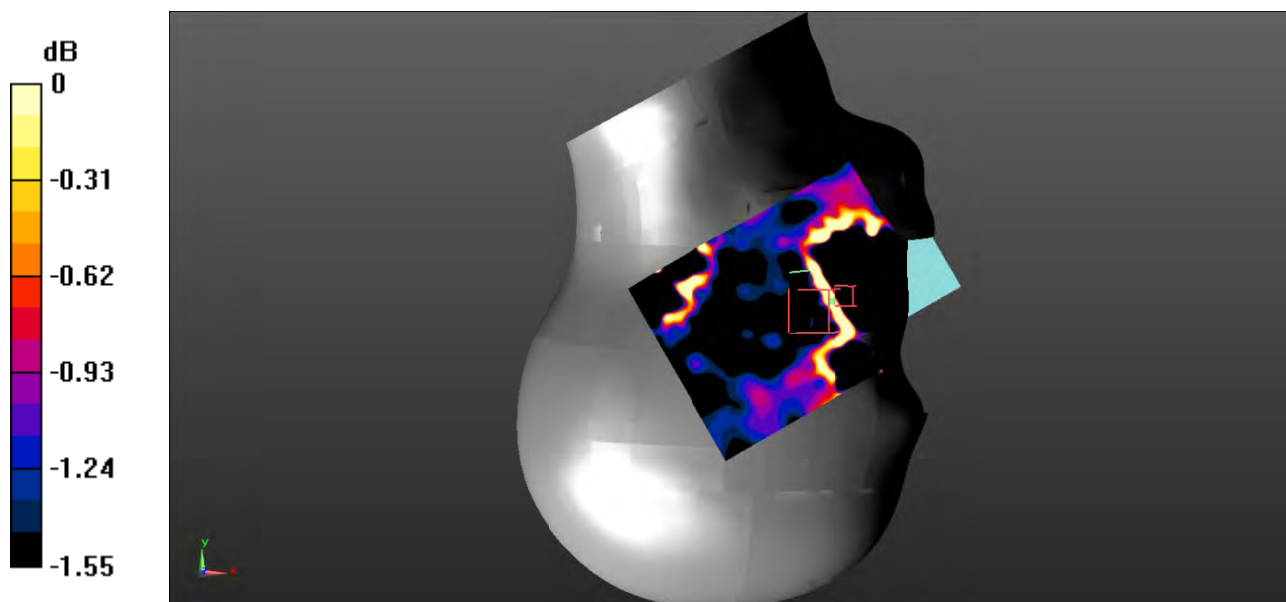
Area Scan (101x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.0336 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 3.572 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.108 W/kg

SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.012 W/kg

Maximum value of SAR (measured) = 0.0193 W/kg



0 dB = 0.0193 W/kg = -17.14 dBW/kg

Test Plot 127#: LTE Band 41_Head Right Tilt_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic TDD-LTE; Frequency: 2605 MHz;Duty Cycle: 1:2
 Medium parameters used: $f = 2605$ MHz; $\sigma = 1.918$ S/m; $\epsilon_r = 38.456$; $\rho = 1000$ kg/m³ ;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.04, 7.04, 7.04)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.0642 W/kg

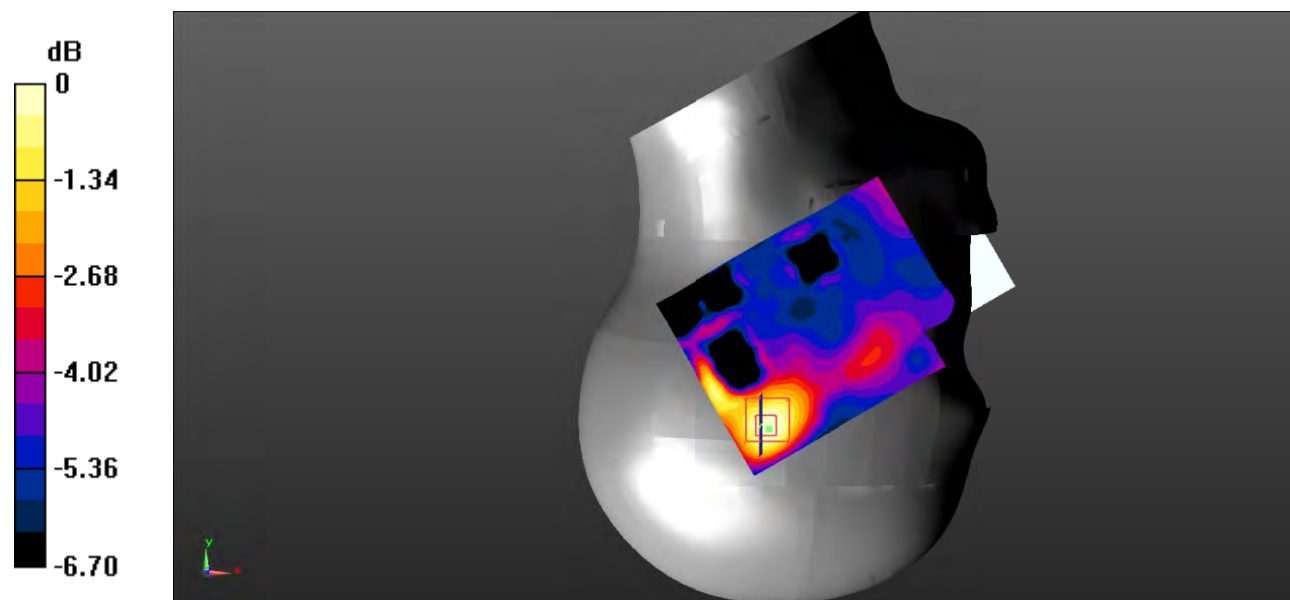
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.658 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.102 W/kg

SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.035 W/kg

Maximum value of SAR (measured) = 0.0612 W/kg



0 dB = 0.0612 W/kg = -12.13 dBW/kg

Test Plot 128#: LTE Band 41_Head Right Tilt_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic TDD-LTE; Frequency: 2605 MHz;Duty Cycle: 1:2
 Medium parameters used: $f = 2605$ MHz; $\sigma = 1.918$ S/m; $\epsilon_r = 38.456$; $\rho = 1000$ kg/m³ ;
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.04, 7.04, 7.04)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.0494 W/kg

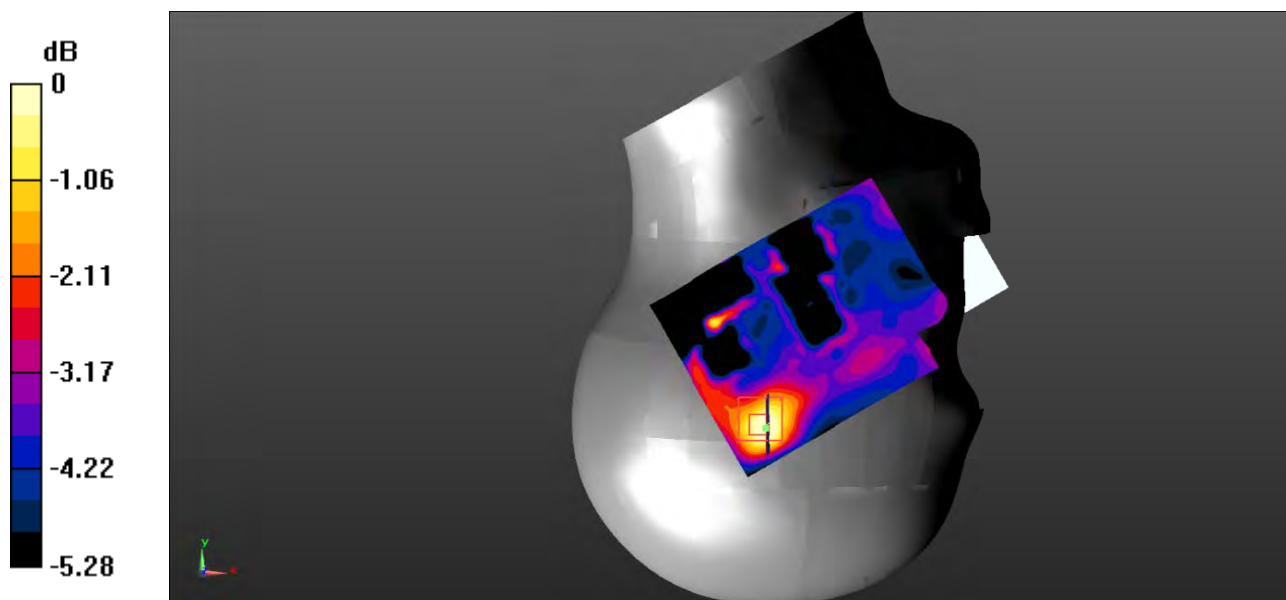
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.847 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.0740 W/kg

SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.027 W/kg

Maximum value of SAR (measured) = 0.0467 W/kg



0 dB = 0.0467 W/kg = -13.31 dBW/kg

Test Plot 129#: LTE Band 41_Body Back_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic TDD-LTE; Frequency: 2605 MHz;Duty Cycle: 1:2
 Medium parameters used: $f = 2605$ MHz; $\sigma = 1.918$ S/m; $\epsilon_r = 38.456$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.04, 7.04, 7.04)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.365 W/kg

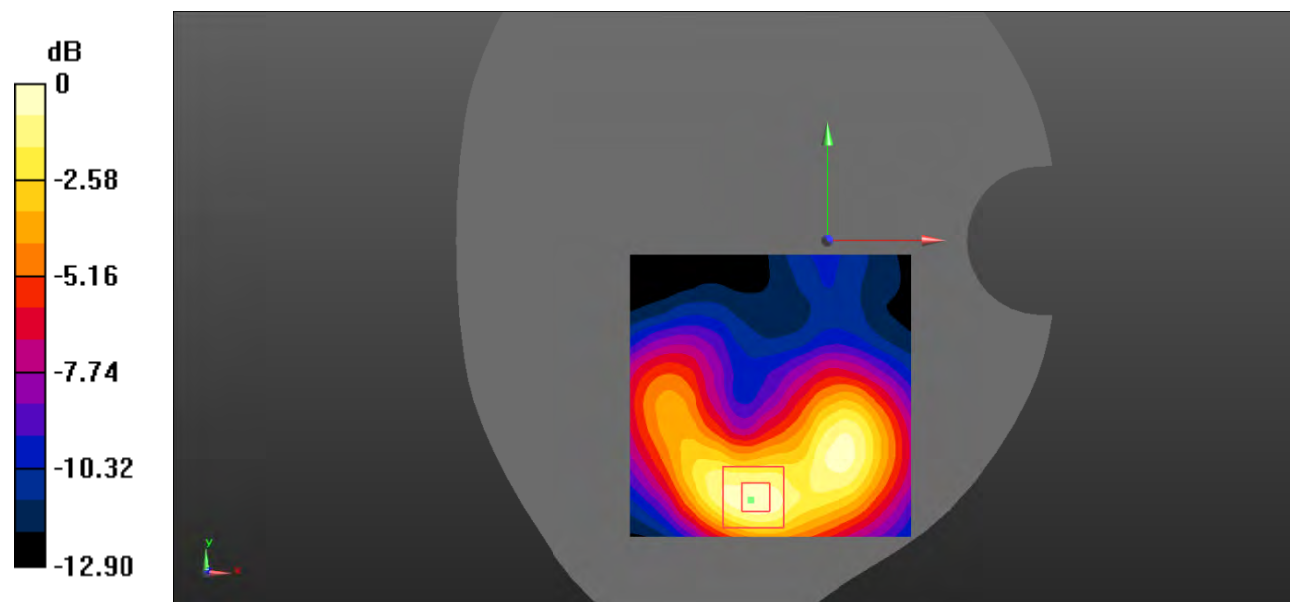
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.087 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.591 W/kg

SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.171 W/kg

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



0 dB = 0.367 W/kg = -4.35 dBW/kg

Test Plot 130#: LTE Band 41_Body Back_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic TDD-LTE; Frequency: 2605 MHz;Duty Cycle: 1:2
 Medium parameters used: $f = 2605$ MHz; $\sigma = 1.918$ S/m; $\epsilon_r = 38.456$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.04, 7.04, 7.04)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.254 W/kg

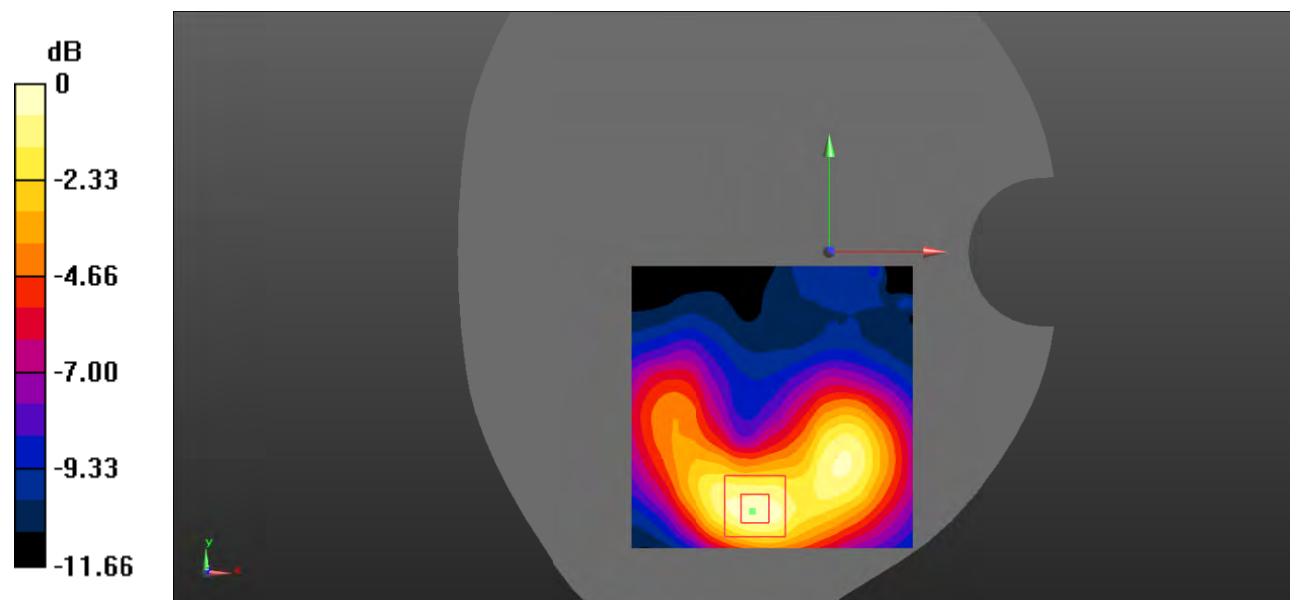
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.161 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.413 W/kg

SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.125 W/kg

Maximum value of SAR (measured) = 0.263 W/kg



0 dB = 0.263 W/kg = -5.80 dBW/kg

Test Plot 131#: LTE Band 41_Body Left_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic TDD-LTE; Frequency: 2605 MHz;Duty Cycle: 1:2
 Medium parameters used: $f = 2605$ MHz; $\sigma = 1.918$ S/m; $\epsilon_r = 38.456$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.04, 7.04, 7.04)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

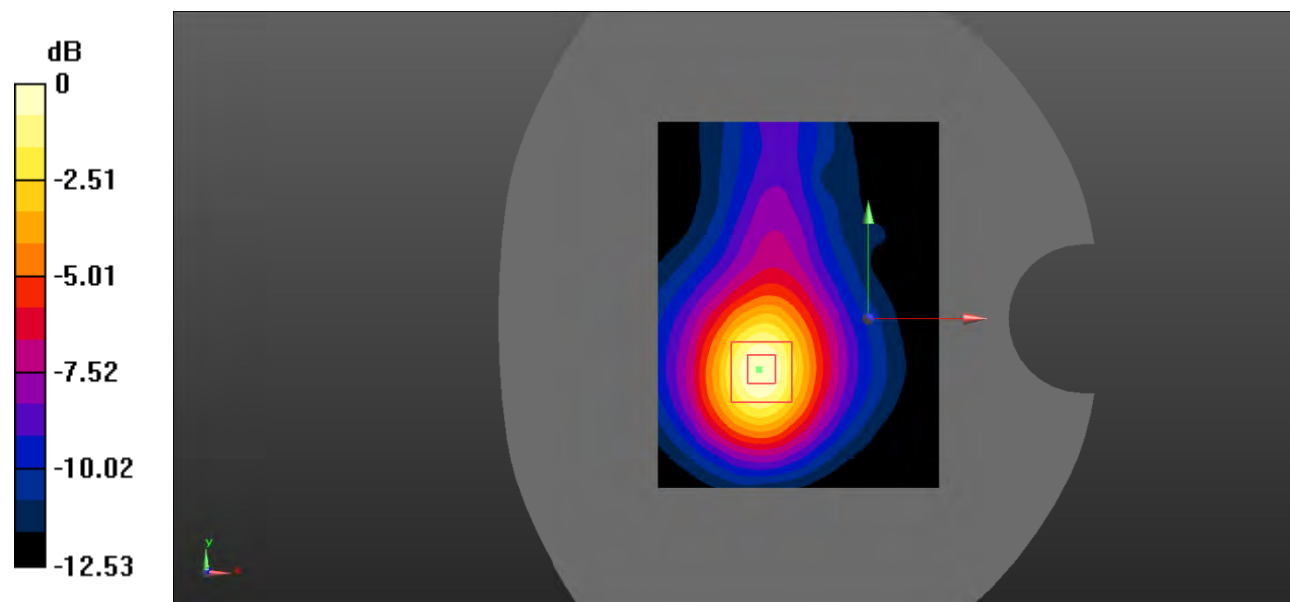
Area Scan (101x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.450 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 8.908 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.728 W/kg

SAR(1 g) = 0.403 W/kg; SAR(10 g) = 0.216 W/kg

Maximum value of SAR (measured) = 0.441 W/kg



0 dB = 0.441 W/kg = -3.56 dBW/kg

Test Plot 132#: LTE Band 41_Body Left_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic TDD-LTE; Frequency: 2605 MHz;Duty Cycle: 1:2
 Medium parameters used: $f = 2605$ MHz; $\sigma = 1.918$ S/m; $\epsilon_r = 38.456$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.04, 7.04, 7.04)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

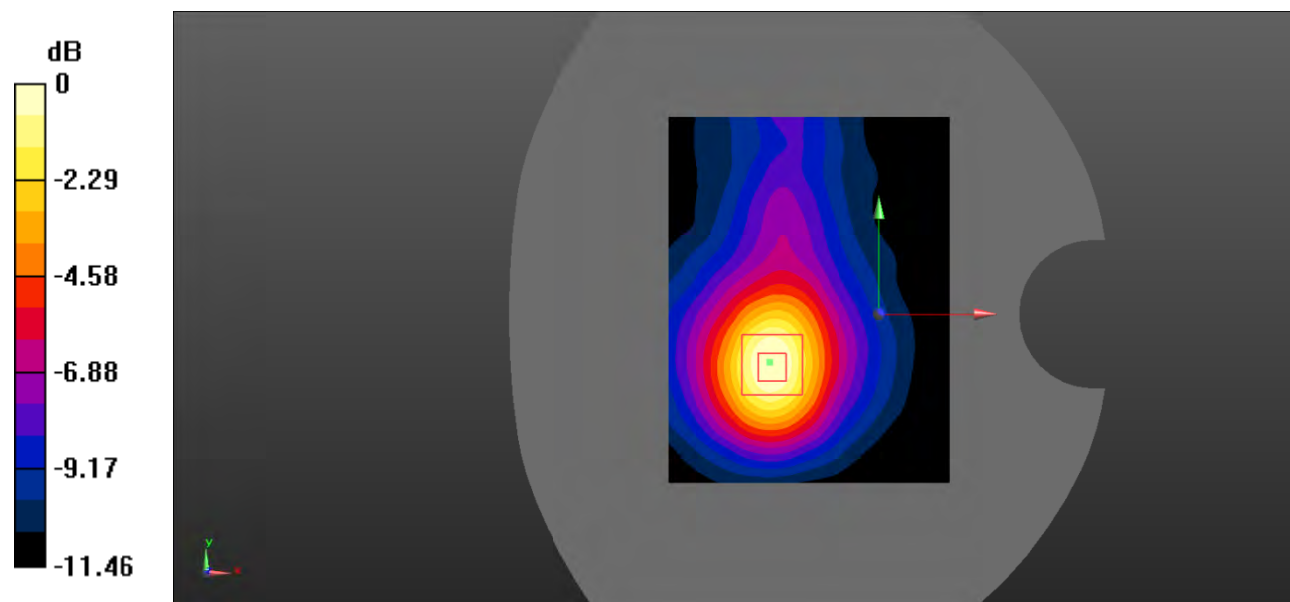
Area Scan (101x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.343 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 7.898 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.567 W/kg

SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.164 W/kg

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



0 dB = 0.326 W/kg = -4.87 dBW/kg

Test Plot 133#: LTE Band 41_Body Right_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic TDD-LTE; Frequency: 2605 MHz;Duty Cycle: 1:2
 Medium parameters used: $f = 2605$ MHz; $\sigma = 1.918$ S/m; $\epsilon_r = 38.456$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.04, 7.04, 7.04)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

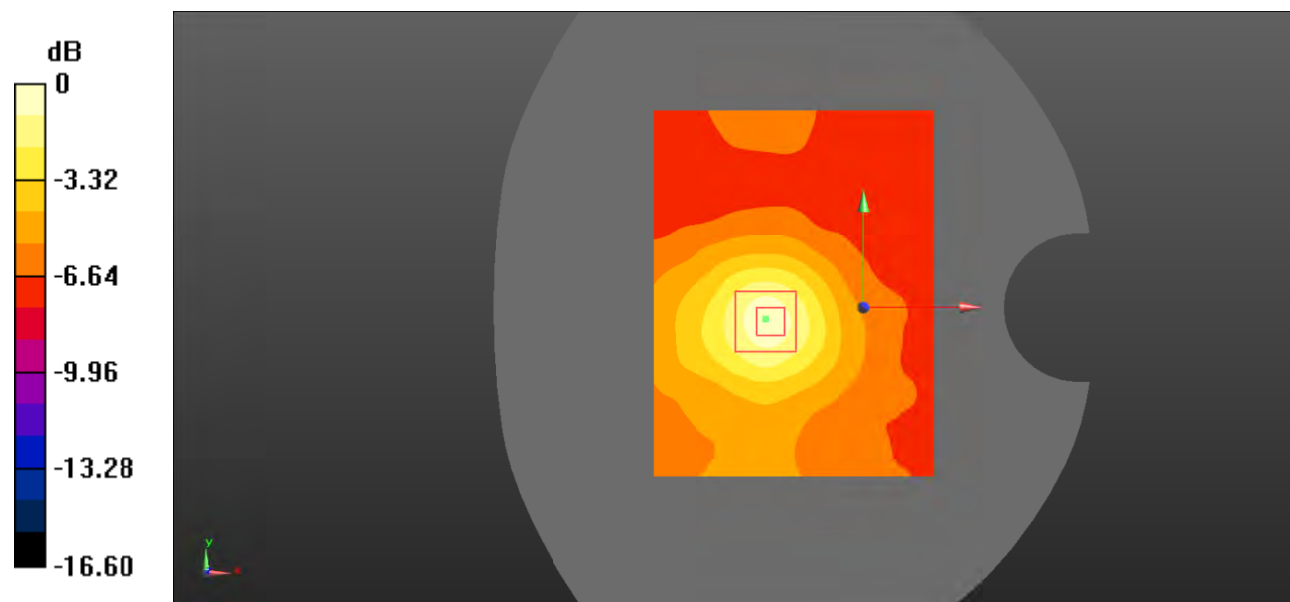
Area Scan (101x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.111 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 6.401 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.208 W/kg

SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.045 W/kg

Maximum value of SAR (measured) = 0.120 W/kg



0 dB = 0.120 W/kg = -9.21 dBW/kg

Test Plot 134#: LTE Band 41_Body Right_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic TDD-LTE; Frequency: 2605 MHz;Duty Cycle: 1:2
 Medium parameters used: $f = 2605$ MHz; $\sigma = 1.918$ S/m; $\epsilon_r = 38.456$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.04, 7.04, 7.04)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.0841 W/kg

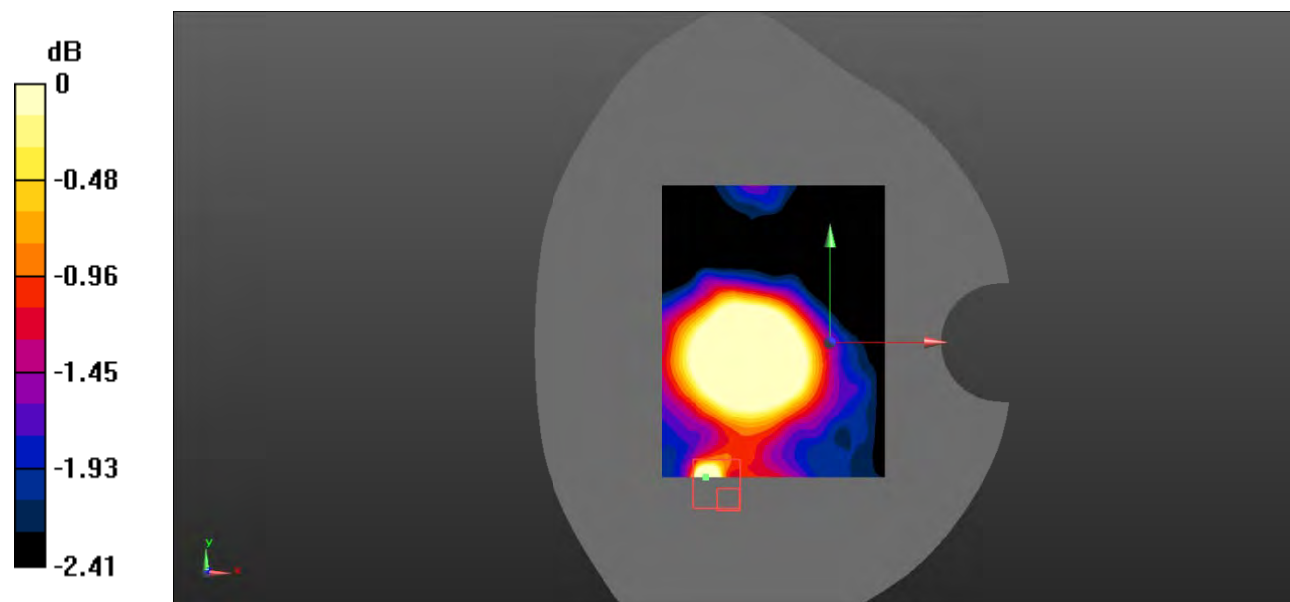
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.720 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.0940 W/kg

SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.027 W/kg

Maximum value of SAR (measured) = 0.0330 W/kg



0 dB = 0.0330 W/kg = -14.81 dBW/kg

Test Plot 135#: LTE Band 41_Body Bottom_1RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic TDD-LTE; Frequency: 2605 MHz;Duty Cycle: 1:2
 Medium parameters used: $f = 2605$ MHz; $\sigma = 1.918$ S/m; $\epsilon_r = 38.456$; $\rho = 1000$ kg/m³ ;
 Phantom section: Flat Section

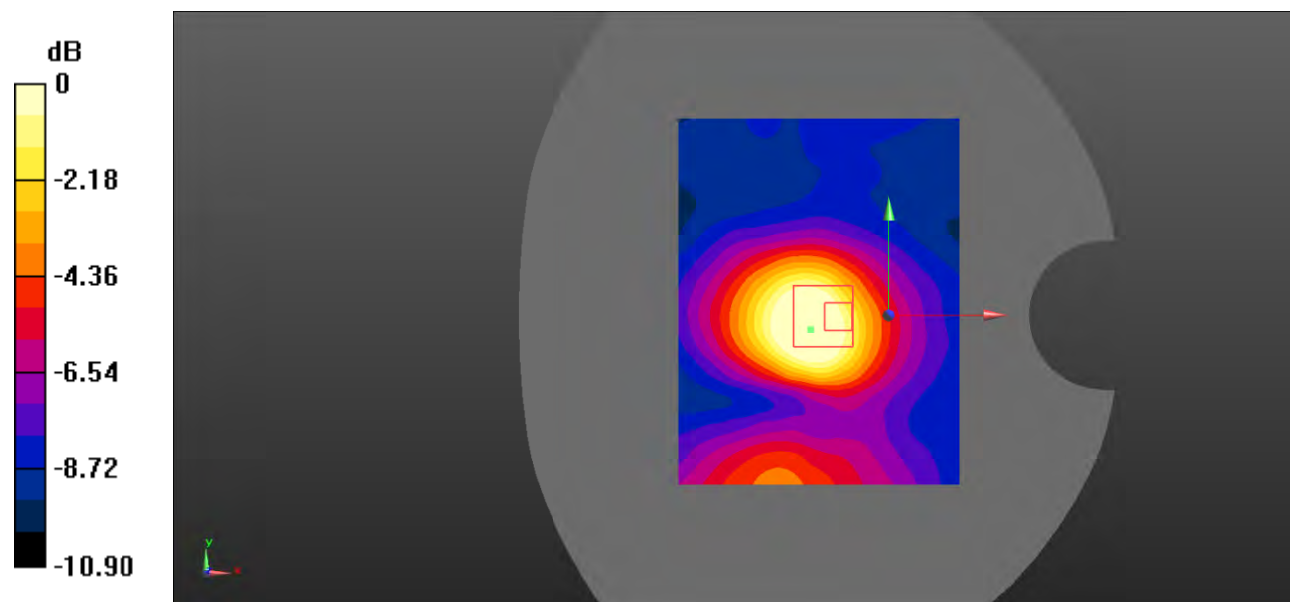
DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.04, 7.04, 7.04)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x131x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 0.285 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 11.50 V/m; Power Drift = -0.05 dB
 Peak SAR (extrapolated) = 0.708 W/kg

SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.042 W/kg
 Maximum value of SAR (measured) = 0.199 W/kg



0 dB = 0.199 W/kg = -7.01 dBW/kg

Test Plot 136#: LTE Band 41_Body Bottom_50%RB_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1;

Communication System: Generic TDD-LTE; Frequency: 2605 MHz;Duty Cycle: 1:2
 Medium parameters used: $f = 2605 \text{ MHz}$; $\sigma = 1.918 \text{ S/m}$; $\epsilon_r = 38.456$; $\rho = 1000 \text{ kg/m}^3$;
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.04, 7.04, 7.04)
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2) ;

Area Scan (101x131x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.217 W/kg

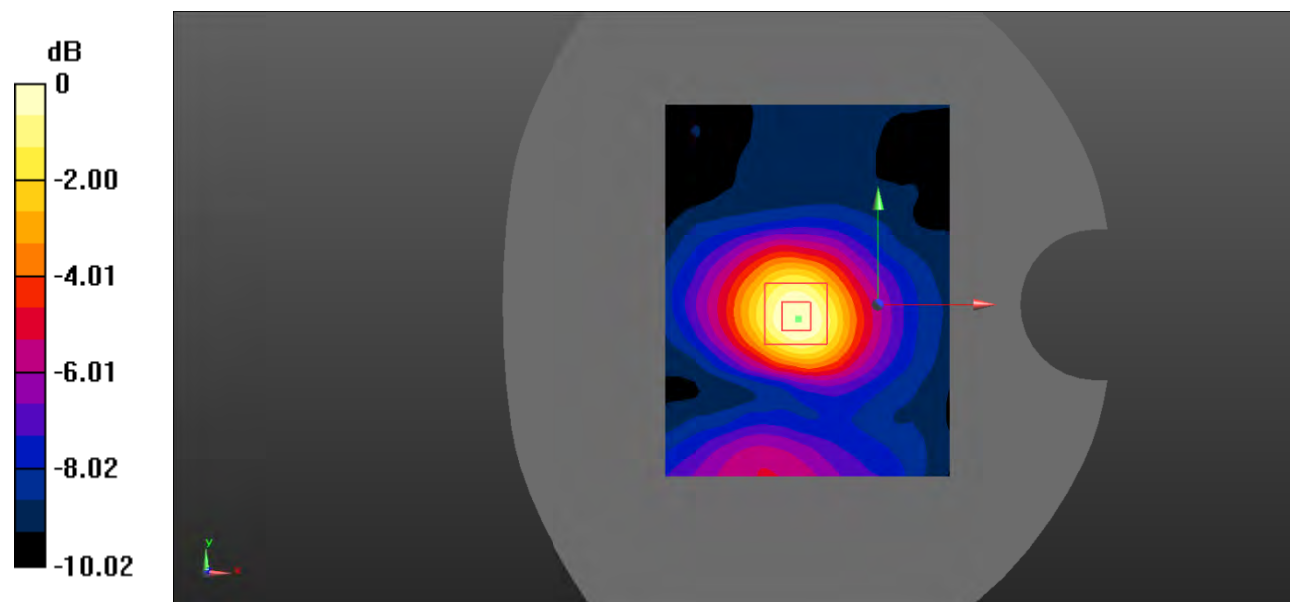
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.17 V/m ; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.342 W/kg

SAR(1 g) = 0.192 W/kg ; SAR(10 g) = 0.108 W/kg

Maximum value of SAR (measured) = 0.205 W/kg



0 dB = $0.205 \text{ W/kg} = -6.88 \text{ dBW/kg}$

Test Plot 137#: 1XRTT 850_ Head Left Cheek _Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, CDMA (0); Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5 \text{ MHz}$; $\sigma = 0.917 \text{ S/m}$; $\epsilon_r = 41.41$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92) @ 836.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Head Left Cheek/1XRTT 850 Mid/Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0560 W/kg

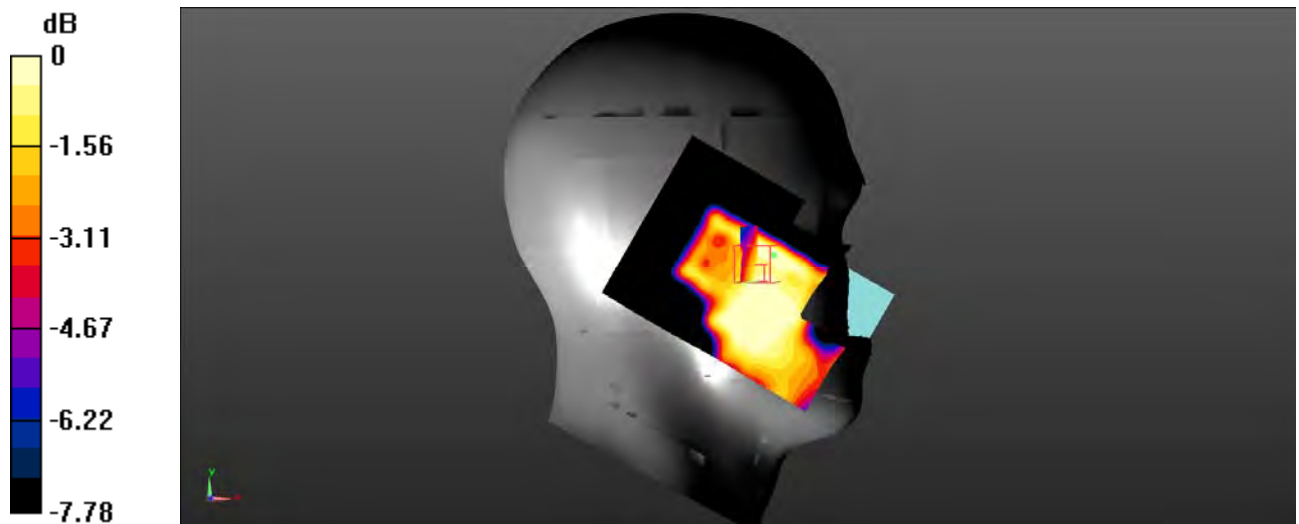
Head Left Cheek/1XRTT 850 Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.427 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.0540 W/kg

SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.032 W/kg

Maximum value of SAR (measured) = 0.0476 W/kg



0 dB = 0.0490 W/kg = -13.10 dBW/kg

Test Plot 138#: 1XRTT 850_ Head Left Tilt _Middle**DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1**

Communication System: UID 0, CDMA (0); Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 41.41$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92) @ 836.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Head Left Tilt/1XRTT 850 Mid/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0346 W/kg

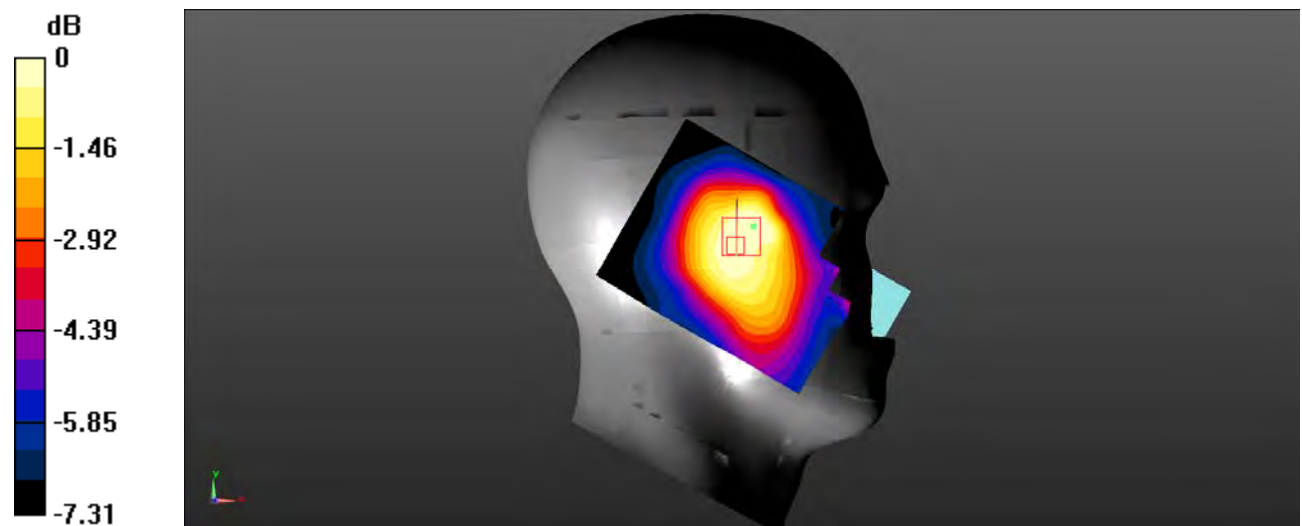
Head Left Tilt/1XRTT 850 Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.624 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0410 W/kg

SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.022 W/kg

Maximum value of SAR (measured) = 0.0309 W/kg



0 dB = 0.0309 W/kg = -15.10 dBW/kg

Test Plot 139#: 1XRTT 850_ Head Right Cheek _Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, CDMA (0); Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 41.41$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92) @ 836.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Head Right Cheek/1XRTT 850 Mid/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 m.

Maximum value of SAR (interpolated) = 0.0655 W/kg

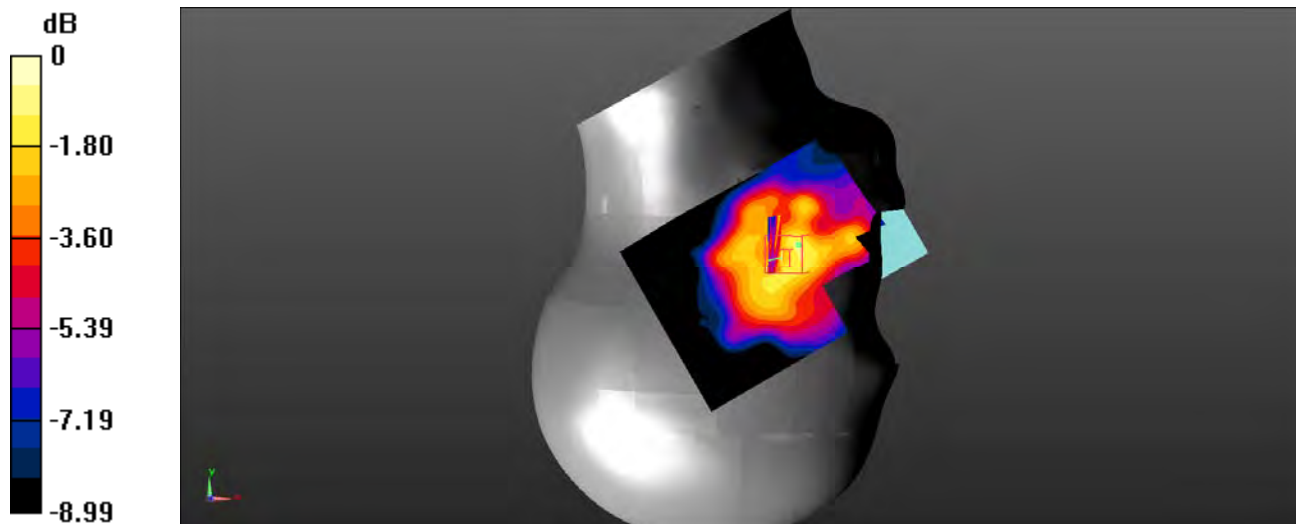
Head Right Cheek/1XRTT 850 Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.796 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.173 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.041 W/kg

Maximum value of SAR (measured) = 0.0844 W/kg



0 dB = 0.0844 W/kg = -10.74 dBW/kg

Test Plot 140#: 1XRTT 850_ Head Right Tilt _Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, CDMA (0); Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5 \text{ MHz}$; $\sigma = 0.917 \text{ S/m}$; $\epsilon_r = 41.41$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92) @ 836.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Head Right Tilt/1XRTT 850 Mid/Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0535 W/kg

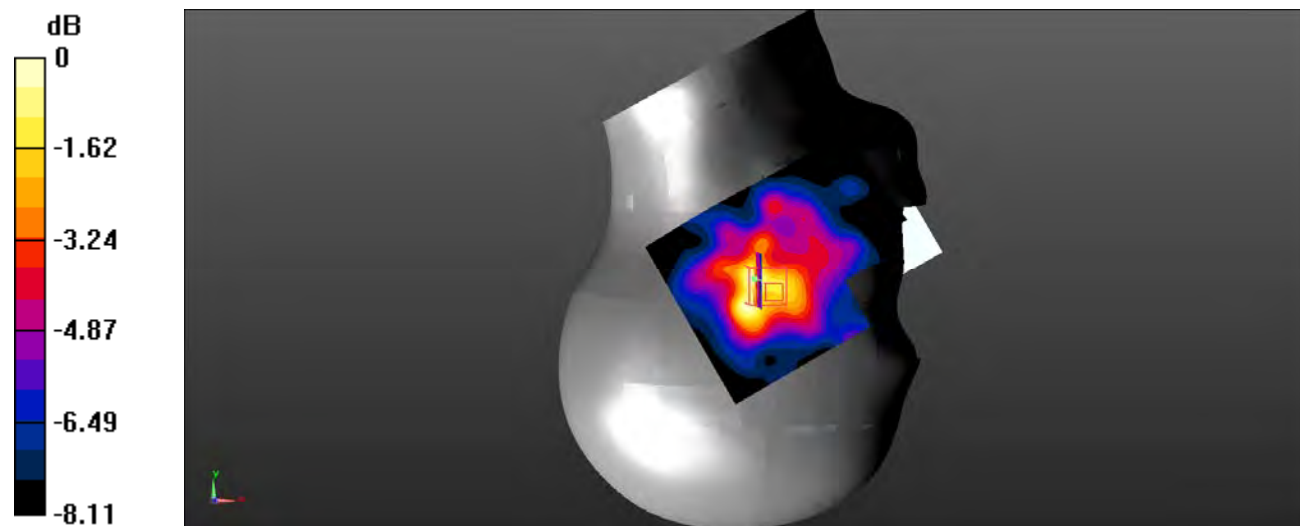
Head Right Tilt/1XRTT 850 Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.805 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.156 W/kg

SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.031 W/kg

Maximum value of SAR (measured) = 0.0540 W/kg



0 dB = 0.0540 W/kg = -12.68 dBW/kg

Test Plot 141#: 1XR TT 850_ Body Worn Back _Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, CDMA (0); Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5 \text{ MHz}$; $\sigma = 0.917 \text{ S/m}$; $\epsilon_r = 41.41$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92) @ 836.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Body Worn Back/1XR TT 850 Mid/Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.197 W/kg

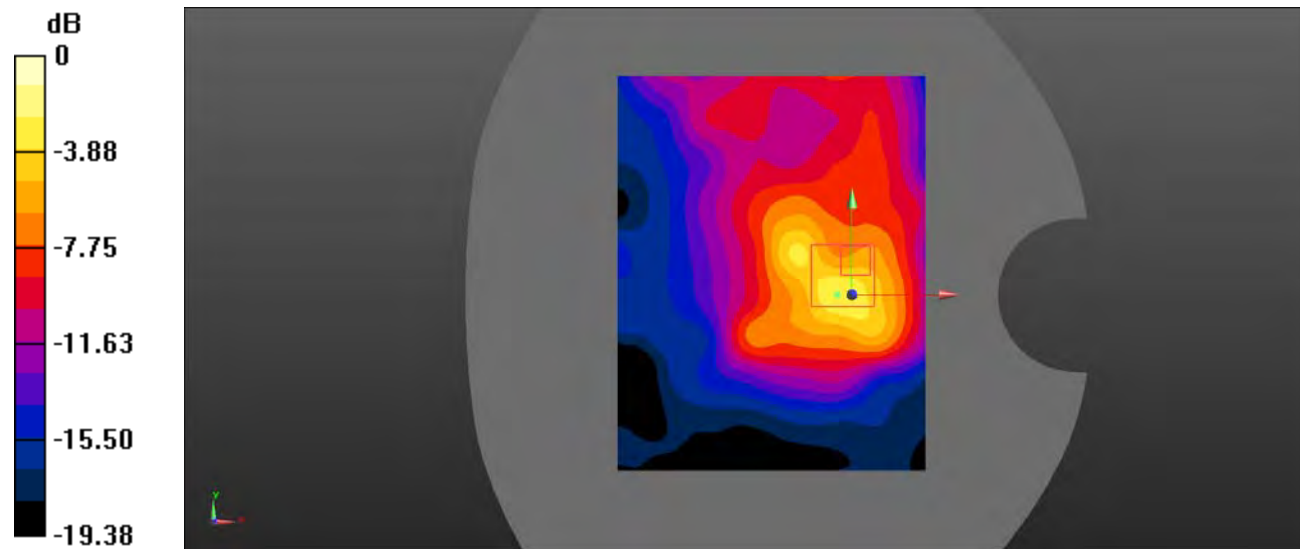
Body Worn Back/1XR TT 850 Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.316 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.649 W/kg

SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.101 W/kg

Maximum value of SAR (measured) = 0.356 W/kg



0 dB = 0.356 W/kg = -4.49 dBW/kg

Test Plot 142#: Evdo 850_ Body Back _Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, CDMA (0); Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5 \text{ MHz}$; $\sigma = 0.917 \text{ S/m}$; $\epsilon_r = 41.41$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92) @ 836.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Body Back/EVDO 850 Mid/Area Scan (71x71x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.371 W/kg

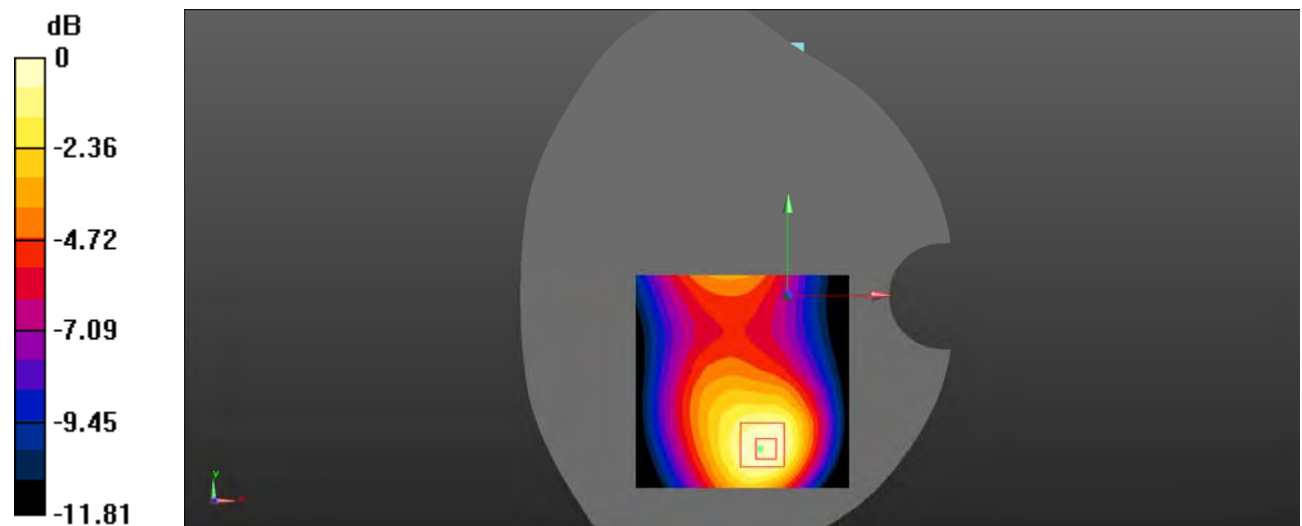
Body Back/EVDO 850 Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.39 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.510 W/kg

SAR(1 g) = 0.338 W/kg; SAR(10 g) = 0.218 W/kg

Maximum value of SAR (measured) = 0.354 W/kg



0 dB = 0.354 W/kg = -4.51 dBW/kg

Test Plot 143#: Evdo 850_ Body Left _Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, CDMA (0); Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5 \text{ MHz}$; $\sigma = 0.917 \text{ S/m}$; $\epsilon_r = 41.41$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92) @ 836.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Body Left/EVDO 850 Mid/Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0977 W/kg

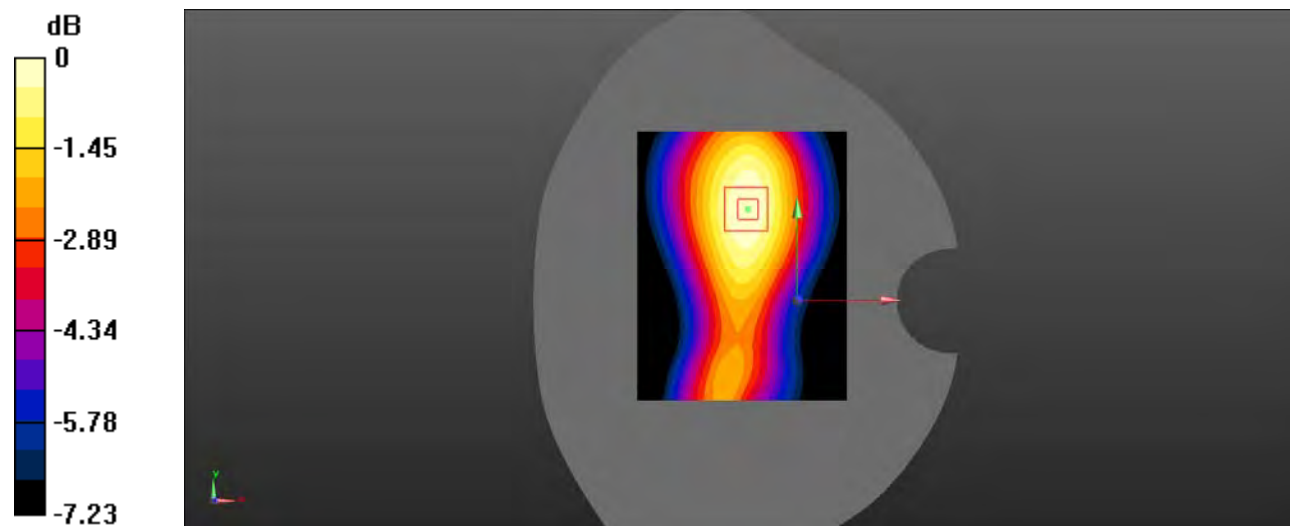
Body Left/EVDO 850 Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.321 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.125 W/kg

SAR(1 g) = 0.093 W/kg; SAR(10 g) = 0.067 W/kg

Maximum value of SAR (measured) = 0.0984 W/kg



0 dB = 0.0984 W/kg = -10.07 dBW/kg

Test Plot 144#: Evdo 850_ Body Right _Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, CDMA (0); Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5 \text{ MHz}$; $\sigma = 0.917 \text{ S/m}$; $\epsilon_r = 41.41$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92) @ 836.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Body Right/EVDO 850 Mid/Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0666 W/kg

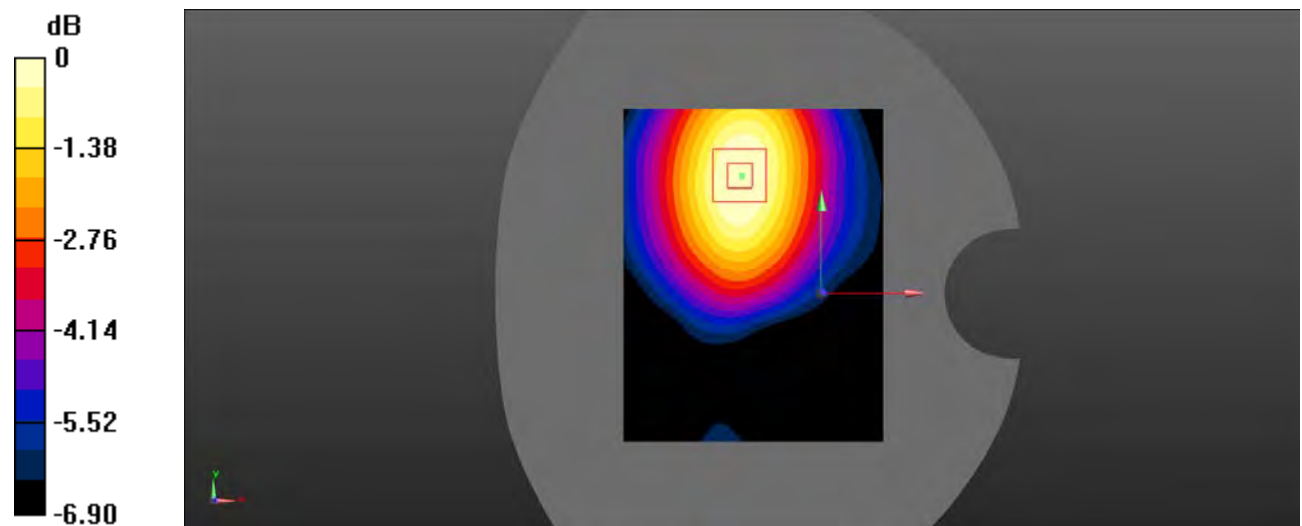
Body Right/EVDO 850 Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.262 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.0810 W/kg

SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.045 W/kg

Maximum value of SAR (measured) = 0.0648 W/kg



0 dB = 0.0648 W/kg = -11.88 dBW/kg

Test Plot 145#: Evdo 850_ Body Bottom _Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, CDMA (0); Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5 \text{ MHz}$; $\sigma = 0.917 \text{ S/m}$; $\epsilon_r = 41.41$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(9.92, 9.92, 9.92) @ 836.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Body Bottom/EVDO 850 Mid/Area Scan (71x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0918 W/kg

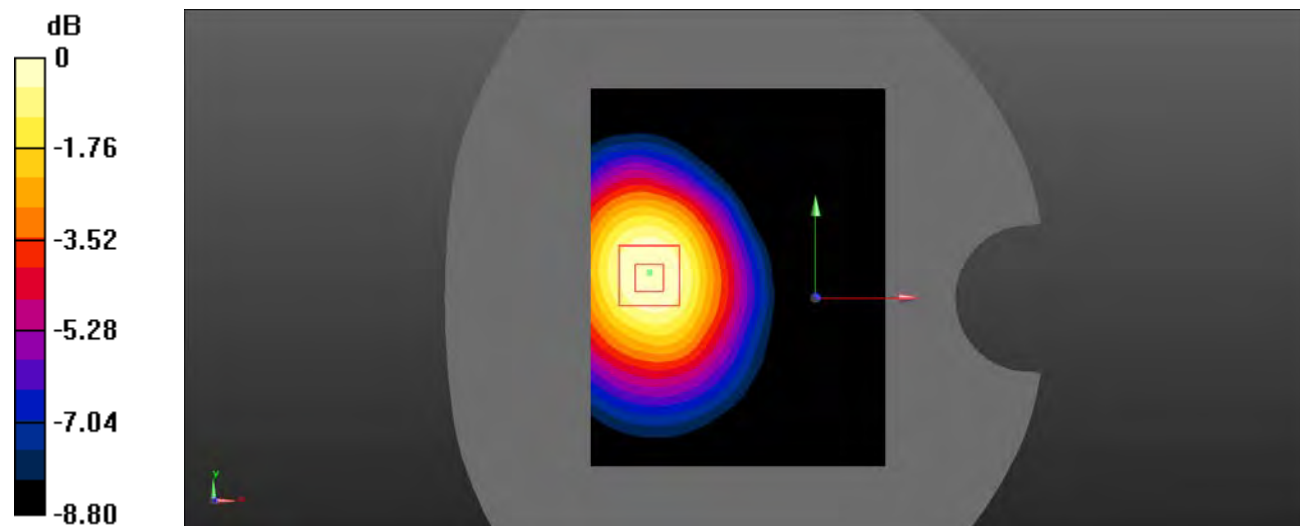
Body Bottom/EVDO 850 Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.862 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.113 W/kg

SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.058 W/kg

Maximum value of SAR (measured) = 0.0862 W/kg



0 dB = 0.0862 W/kg = -10.64 dBW/kg

Test Plot 146#: 2.4GWifi_ Head Left Check _Low

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, 2.4G DTS (0); Frequency: 2412 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2412 \text{ MHz}$; $\sigma = 1.739 \text{ S/m}$; $\epsilon_r = 39.415$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.15, 7.15, 7.15)
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Head Left Check/WLAN 802.11b Low/Area Scan (101x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

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

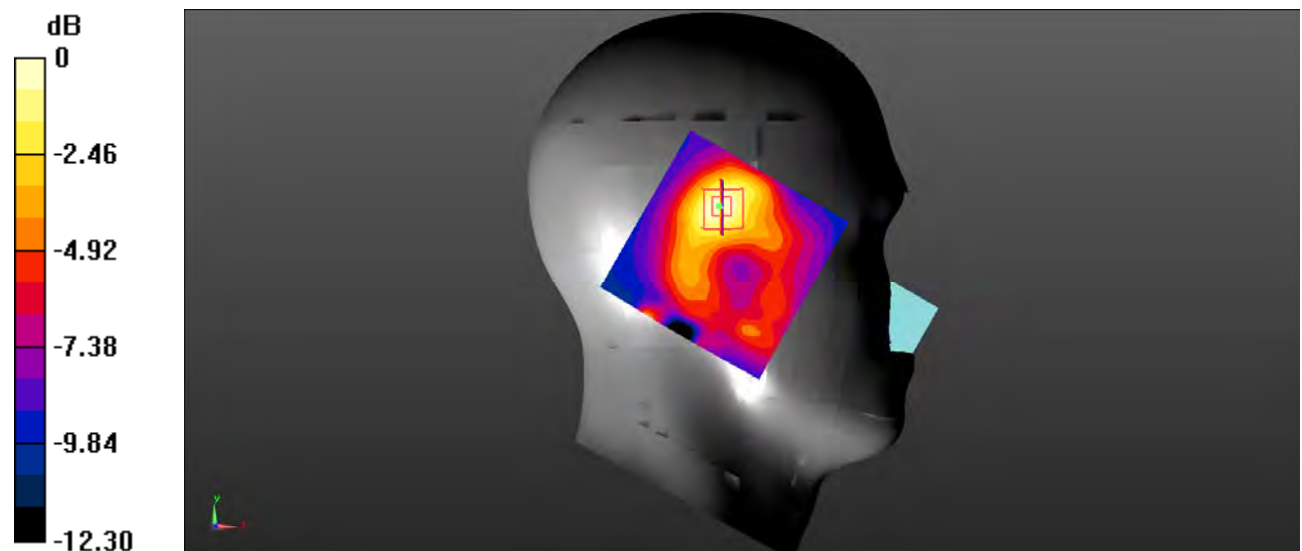
Head Left Check/WLAN 802.11b Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.702 V/m ; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.325 W/kg

SAR(1 g) = 0.179 W/kg ; SAR(10 g) = 0.101 W/kg

Maximum value of SAR (measured) = 0.194 W/kg



0 dB = $0.194 \text{ W/kg} = -7.12 \text{ dBW/kg}$

Test Plot 147#: 2.4GWifi_ Head Left Tilt _Low

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, 2.4G DTS (0); Frequency: 2412 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2412 \text{ MHz}$; $\sigma = 1.739 \text{ S/m}$; $\epsilon_r = 39.415$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.15, 7.15, 7.15)
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Head Left Tilt/WLAN 802.11b Low/Area Scan (101x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.242 W/kg

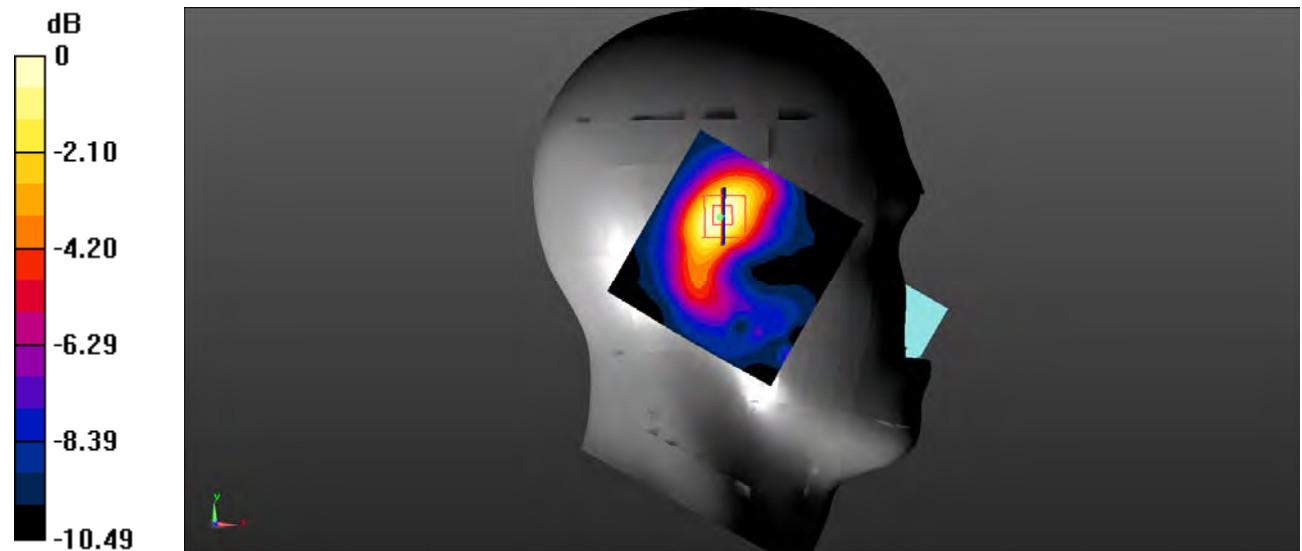
Head Left Tilt/WLAN 802.11b Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.365 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.359 W/kg

SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.119 W/kg

Maximum value of SAR (measured) = 0.230 W/kg



0 dB = 0.230 W/kg = -6.38 dBW/kg

Test Plot 148#: 2.4GWifi_ Head Right Check _Low

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, 2.4G DTS (0); Frequency: 2412 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2412 \text{ MHz}$; $\sigma = 1.739 \text{ S/m}$; $\epsilon_r = 39.415$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.15, 7.15, 7.15)
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Head Right Check/WLAN 802.11b Low/Area Scan (101x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.144 W/kg

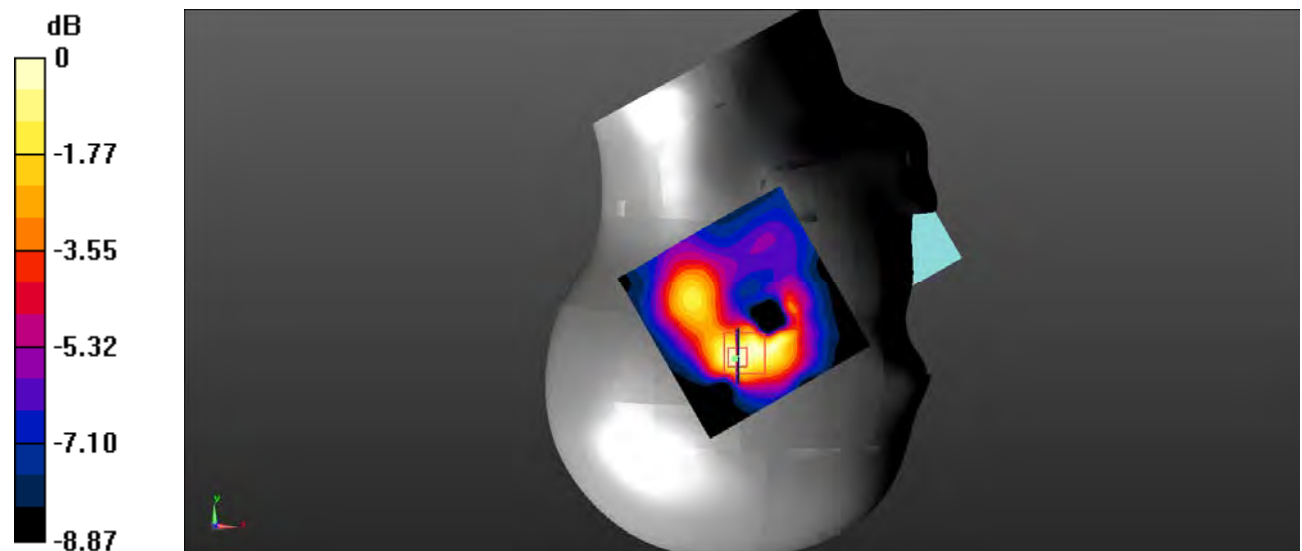
Head Right Check/WLAN 802.11b Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.395 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.200 W/kg

SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.072 W/kg

Maximum value of SAR (measured) = 0.136 W/kg



0 dB = 0.136 W/kg = -8.66 dBW/kg

Test Plot 149#: 2.4GWifi_ Head Right Tilt_Low

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, 2.4G DTS (0); Frequency: 2412 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2412 \text{ MHz}$; $\sigma = 1.739 \text{ S/m}$; $\epsilon_r = 39.415$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.15, 7.15, 7.15)
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Head Right Tilt/WLAN 802.11b Low/Area Scan (101x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.166 W/kg

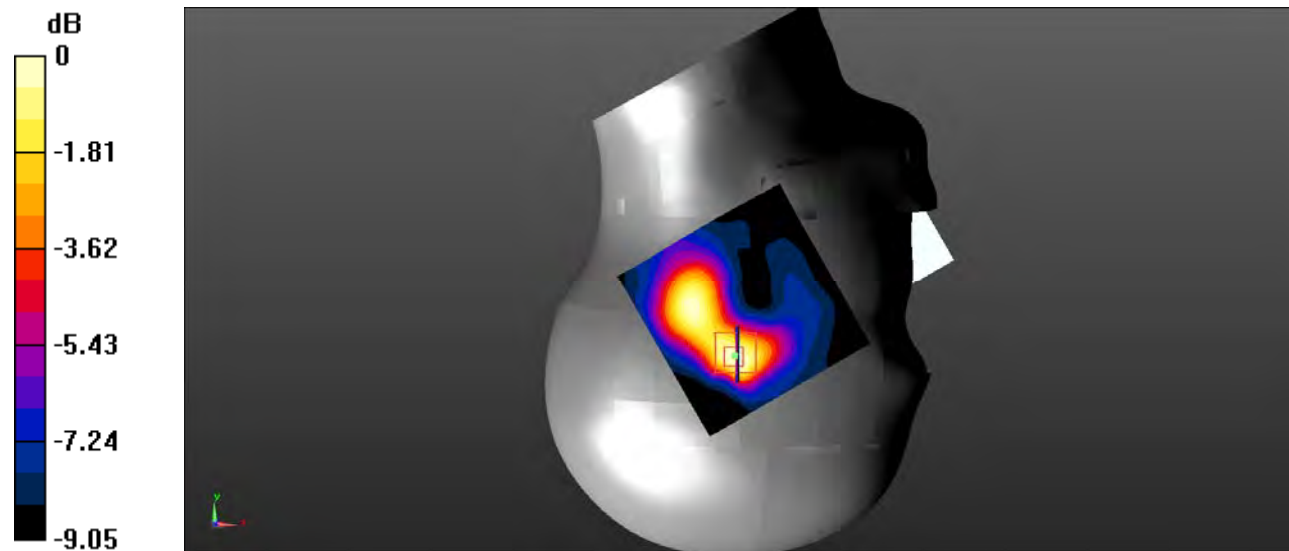
Head Right Tilt/WLAN 802.11b Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.546 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.224 W/kg

SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.075 W/kg

Maximum value of SAR (measured) = 0.146 W/kg



0 dB = 0.146 W/kg = -8.36 dBW/kg

Test Plot 150#: 2.4GWifi_ Body Back_Low

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, 2.4G DTS (0); Frequency: 2412 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2412 \text{ MHz}$; $\sigma = 1.739 \text{ S/m}$; $\epsilon_r = 39.415$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.15, 7.15, 7.15)
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Body Back/10mmWLAN 802.11b Low/Area Scan (111x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

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

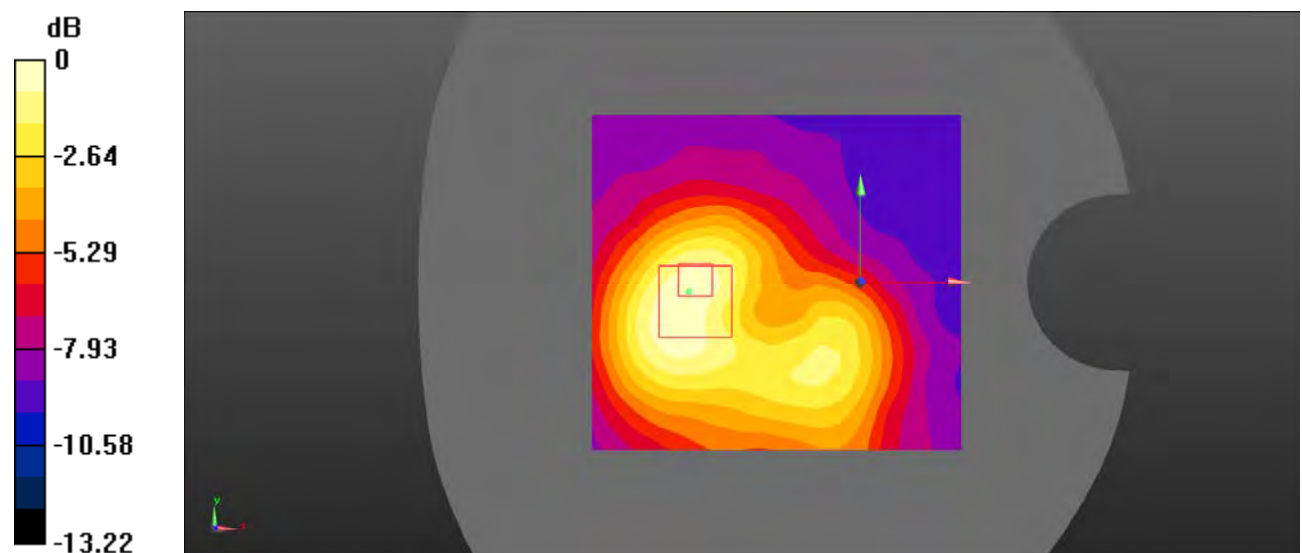
Body Back/10mmWLAN 802.11b Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.453 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.705 W/kg

SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.060 W/kg

Maximum value of SAR (measured) = 0.136 W/kg



0 dB = 0.136 W/kg = -8.66 dBW/kg

Test Plot 151#: 2.4GWifi_ Body Right_Low

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, 2.4G DTS (0); Frequency: 2412 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2412 \text{ MHz}$; $\sigma = 1.739 \text{ S/m}$; $\epsilon_r = 39.415$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.15, 7.15, 7.15)
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Body Right/WLAN 802.11b Low/Area Scan (101x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0978 W/kg

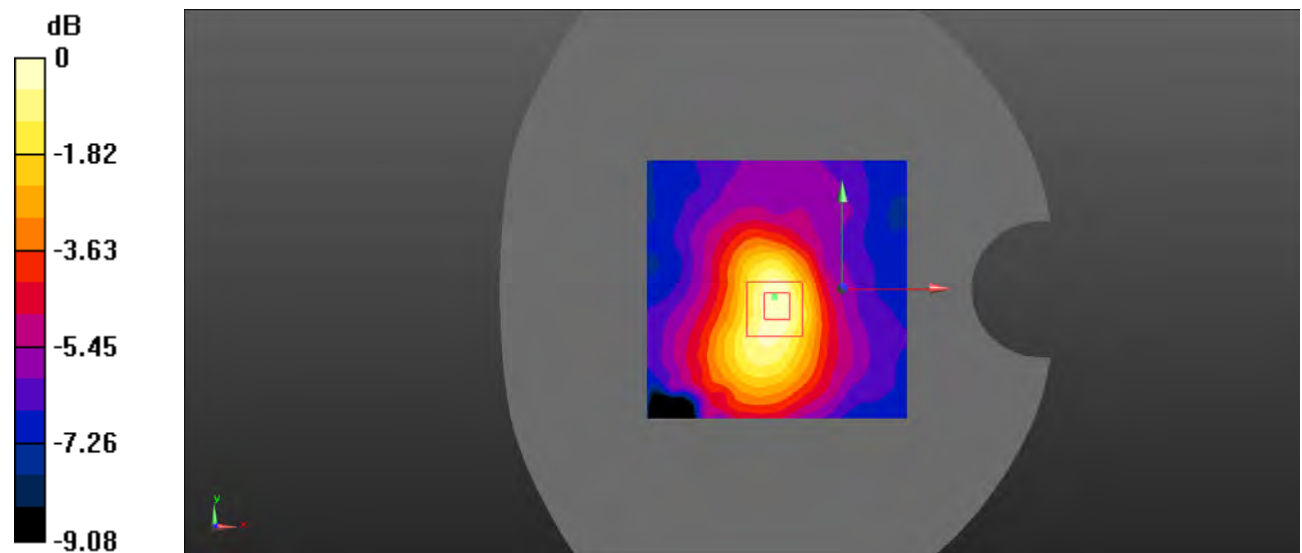
Body Right/WLAN 802.11b Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.343 V/m ; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.157 W/kg

SAR(1 g) = 0.089 W/kg ; SAR(10 g) = 0.054 W/kg

Maximum value of SAR (measured) = 0.0954 W/kg



0 dB = 0.0954 W/kg = -10.20 dBW/kg

Test Plot 152#: 2.4GWifi_ Body Top_Low

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, 2.4G DTS (0); Frequency: 2412 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2412 \text{ MHz}$; $\sigma = 1.739 \text{ S/m}$; $\epsilon_r = 39.415$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(7.15, 7.15, 7.15)
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Body Top/WLAN 802.11b Low/Area Scan (101x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.107 W/kg

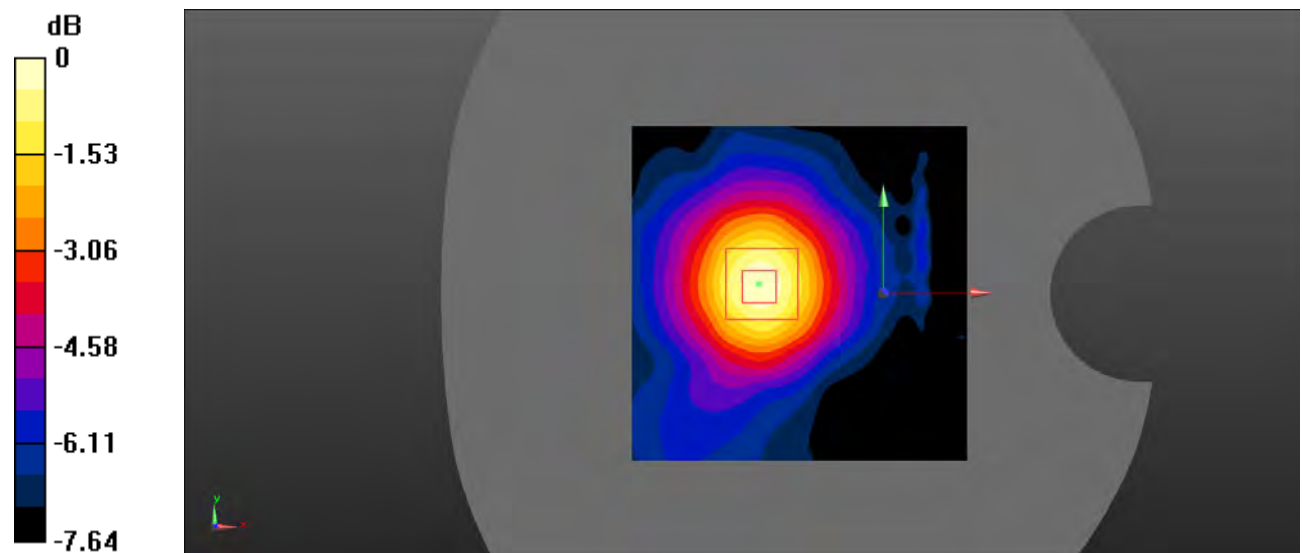
Body Top/WLAN 802.11b Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.809 V/m ; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.169 W/kg

SAR(1 g) = 0.102 W/kg ; SAR(10 g) = 0.064 W/kg

Maximum value of SAR (measured) = 0.110 W/kg



0 dB = 0.110 W/kg = -9.59 dBW/kg

Test Plot 153#: 5.2GWifi_ Head Left Check_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, 5.2G WiFi (0); Frequency: 5180 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5180 \text{ MHz}$; $\sigma = 4.683 \text{ S/m}$; $\epsilon_r = 36.615$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(5.2, 5.2, 5.2)
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Head Left Check/WLAN 5.2G 802.11a Low/Area Scan (101x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0998 W/kg

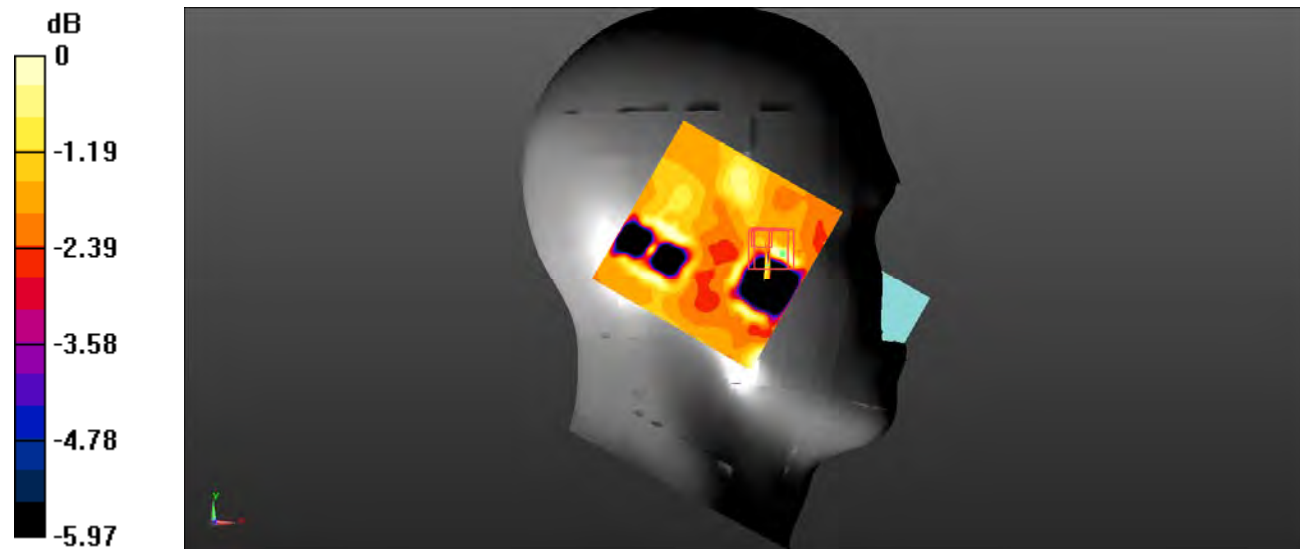
Head Left Check/WLAN 5.2G 802.11a Low/Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 3.063 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.173 W/kg

SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.050 W/kg

Maximum value of SAR (measured) = 0.0927 W/kg



0 dB = 0.0927 W/kg = -10.33 dBW/kg

Test Plot 154#: 5.2GWifi_ Head Left Tilt_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, 5.2G WiFi (0); Frequency: 5180 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5180 \text{ MHz}$; $\sigma = 4.683 \text{ S/m}$; $\epsilon_r = 36.615$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(5.2, 5.2, 5.2)
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Head Left Tilt/WLAN 5.2G 802.11a Low/Area Scan (101x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.282 W/kg

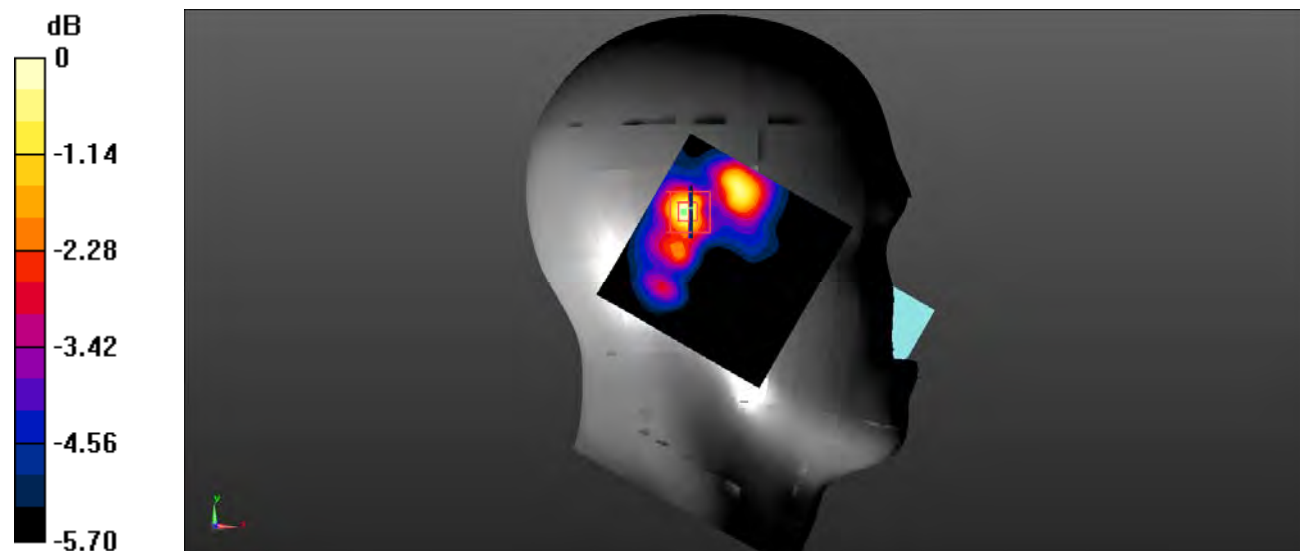
Head Left Tilt/WLAN 5.2G 802.11a Low/Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 5.220 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.452 W/kg

SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.116 W/kg

Maximum value of SAR (measured) = 0.274 W/kg



0 dB = 0.274 W/kg = -5.62 dBW/kg

Test Plot 155#: 5.2GWifi_ Head Right Check_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, 5.2G WiFi (0); Frequency: 5180 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5180 \text{ MHz}$; $\sigma = 4.683 \text{ S/m}$; $\epsilon_r = 36.615$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(5.2, 5.2, 5.2)
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Head Right Check/WLAN 5.2G 802.11a Low/Area Scan (101x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

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

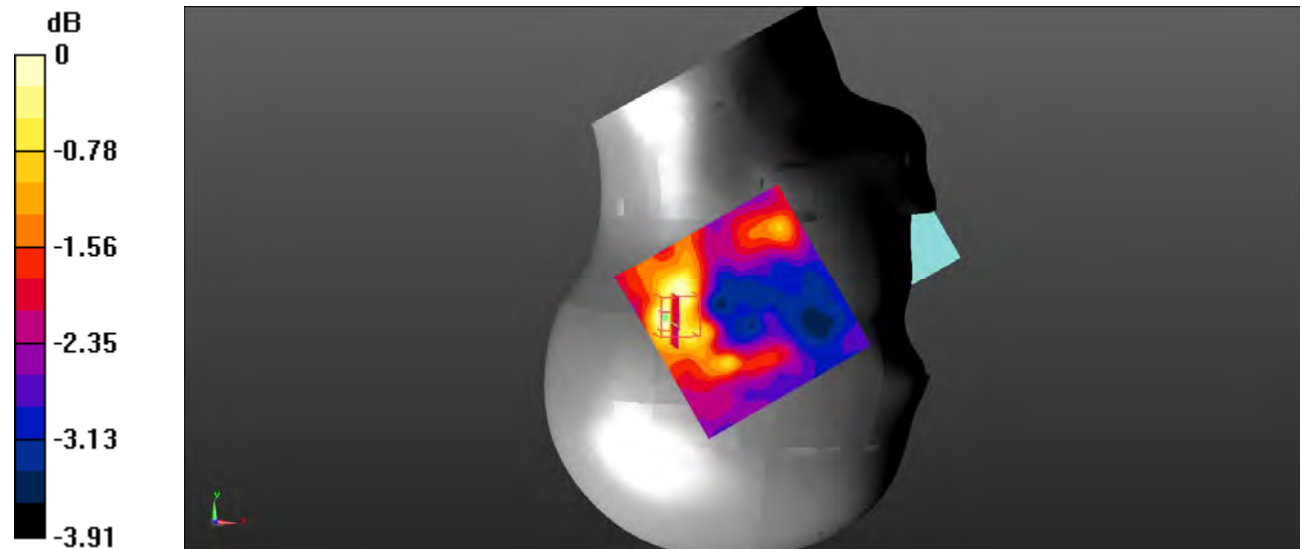
Head Right Check/WLAN 5.2G 802.11a Low/Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 4.476 V/m ; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.188 W/kg

SAR(1 g) = 0.108 W/kg ; SAR(10 g) = 0.091 W/kg

Maximum value of SAR (measured) = 0.131 W/kg



0 dB = $0.131 \text{ W/kg} = -8.83 \text{ dBW/kg}$

Test Plot 156#: 5.2GWifi_ Head Right Tilt_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, 5.2G WiFi (0); Frequency: 5180 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5180 \text{ MHz}$; $\sigma = 4.683 \text{ S/m}$; $\epsilon_r = 36.615$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(5.2, 5.2, 5.2)
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Head Right Tilt/WLAN 5.2G 802.11a Low/Area Scan (101x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.197 W/kg

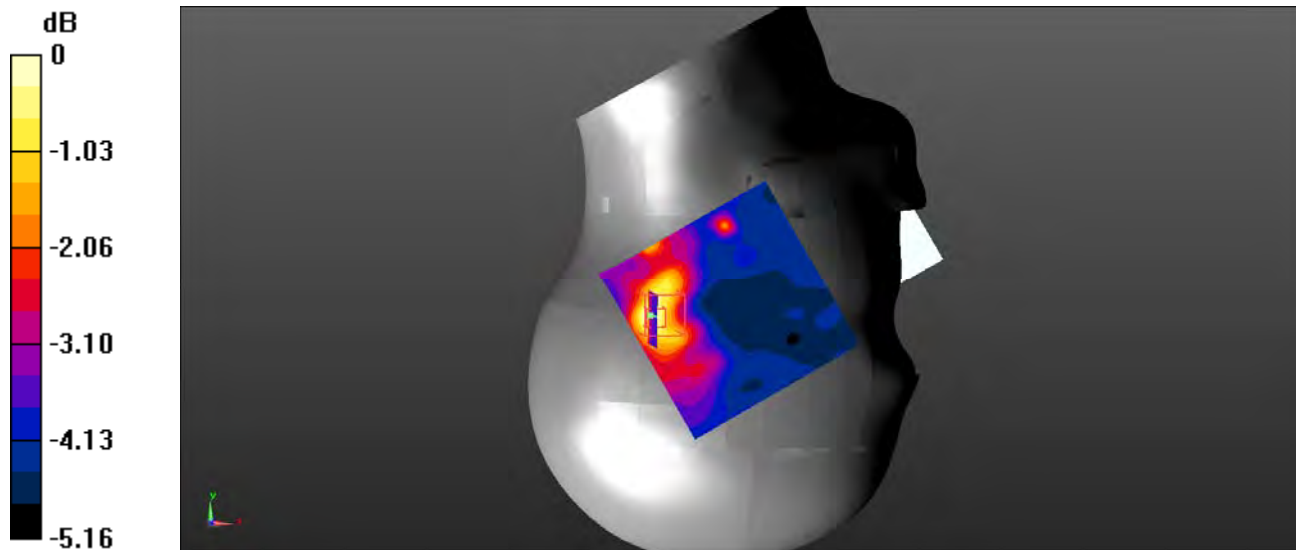
Head Right Tilt/WLAN 5.2G 802.11a Low/Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 4.474 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.352 W/kg

SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.102 W/kg

Maximum value of SAR (measured) = 0.189 W/kg



0 dB = 0.189 W/kg = -7.24 dBW/kg

Test Plot 157#: 5.2GWifi_ Body Back_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, 5.2G WiFi (0); Frequency: 5180 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5180 \text{ MHz}$; $\sigma = 4.683 \text{ S/m}$; $\epsilon_r = 36.615$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(5.2, 5.2, 5.2)
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Body Back/WLAN 5.2G 802.11a Low/Area Scan (101x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.189 W/kg

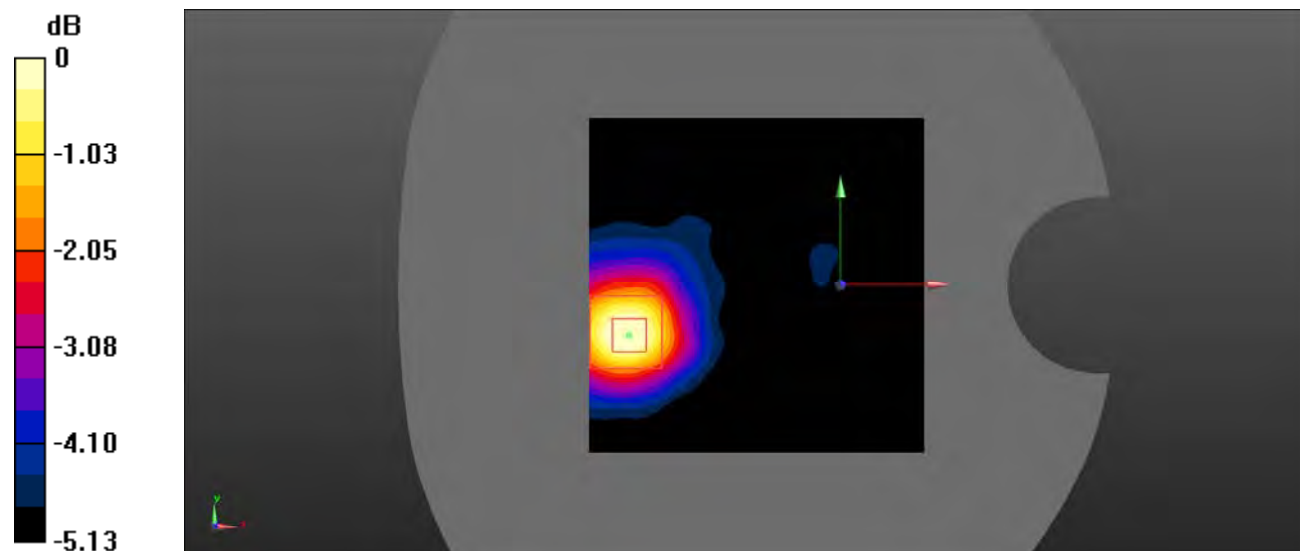
Body Back/WLAN 5.2G 802.11a Low/Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 3.594 V/m ; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.290 W/kg

SAR(1 g) = 0.128 W/kg ; SAR(10 g) = 0.087 W/kg

Maximum value of SAR (measured) = 0.180 W/kg



0 dB = 0.180 W/kg = -7.45 dBW/kg

Test Plot 158#: 5.2GWifi_ Body Right_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, 5.2G WiFi (0); Frequency: 5180 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5180 \text{ MHz}$; $\sigma = 4.683 \text{ S/m}$; $\epsilon_r = 36.615$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(5.2, 5.2, 5.2)
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Body Right/WLAN 5.2G 802.11a Low/Area Scan (101x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.145 W/kg

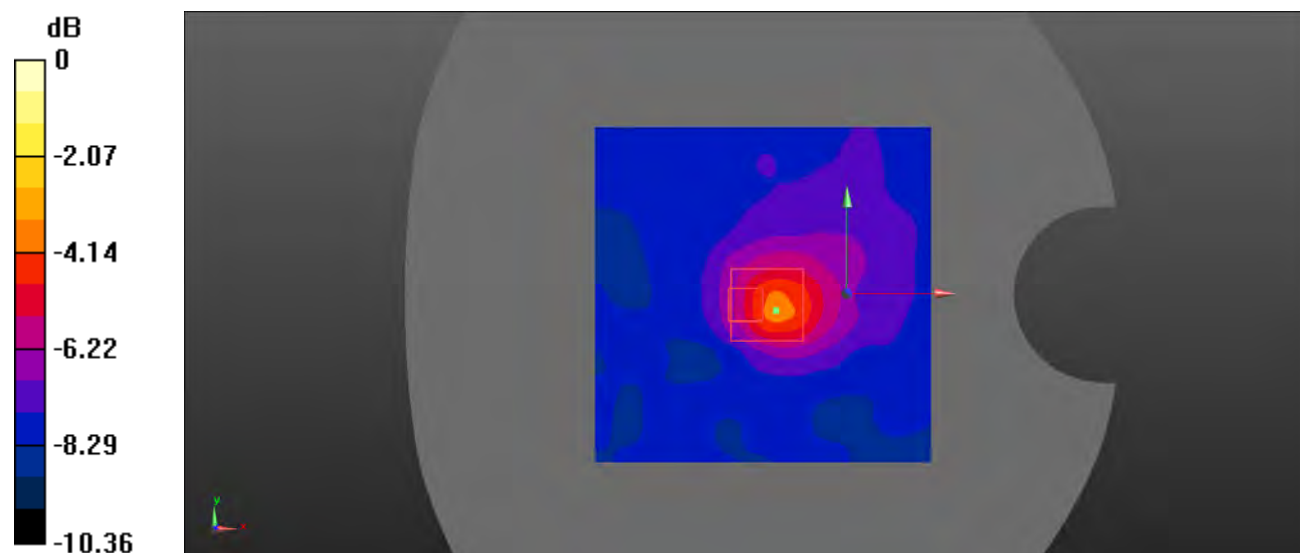
Body Right/WLAN 5.2G 802.11a Low/Zoom Scan (8x8x16)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 4.655 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.344 W/kg

SAR(1 g) = 0.00138 W/kg ; SAR(10 g) = 0.000124 W/kg

Maximum value of SAR (measured) = 0.344 W/kg



0 dB = 0.344 W/kg = -4.63 dBW/kg

Test Plot 159#: 5.2GWifi_ Body Top_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, 5.2G WiFi (0); Frequency: 5180 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5180 \text{ MHz}$; $\sigma = 4.683 \text{ S/m}$; $\epsilon_r = 36.615$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(5.2, 5.2, 5.2)
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Body Top/WLAN 5.2G 802.11a Low/Area Scan (101x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.142 W/kg

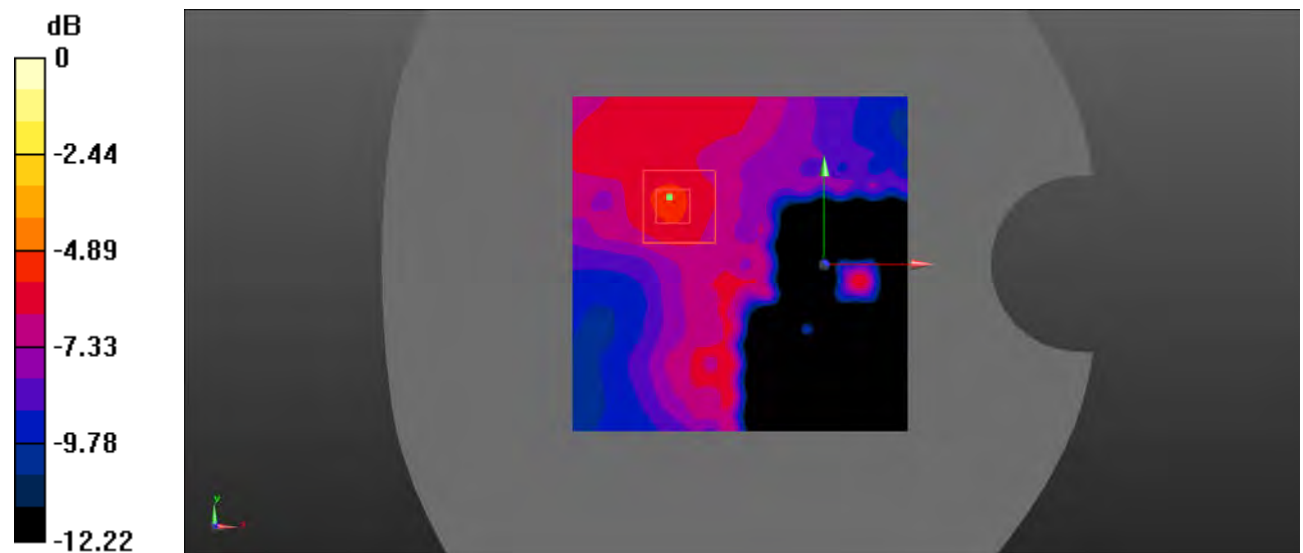
Body Top/WLAN 5.2G 802.11a Low/Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 3.897 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.469 W/kg

SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.034 W/kg

Maximum value of SAR (measured) = 0.469 W/kg



0 dB = 0.495 W/kg = -3.05 dBW/kg

Test Plot 160#: 5.8GWifi_ Head Left Check_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5785 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785 \text{ MHz}$; $\sigma = 5.008 \text{ S/m}$; $\epsilon_r = 35.767$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(4.65, 4.65, 4.65) ;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Head Left Check/WLAN 5.8G 802.11a Mid/Area Scan (101x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.523 W/kg

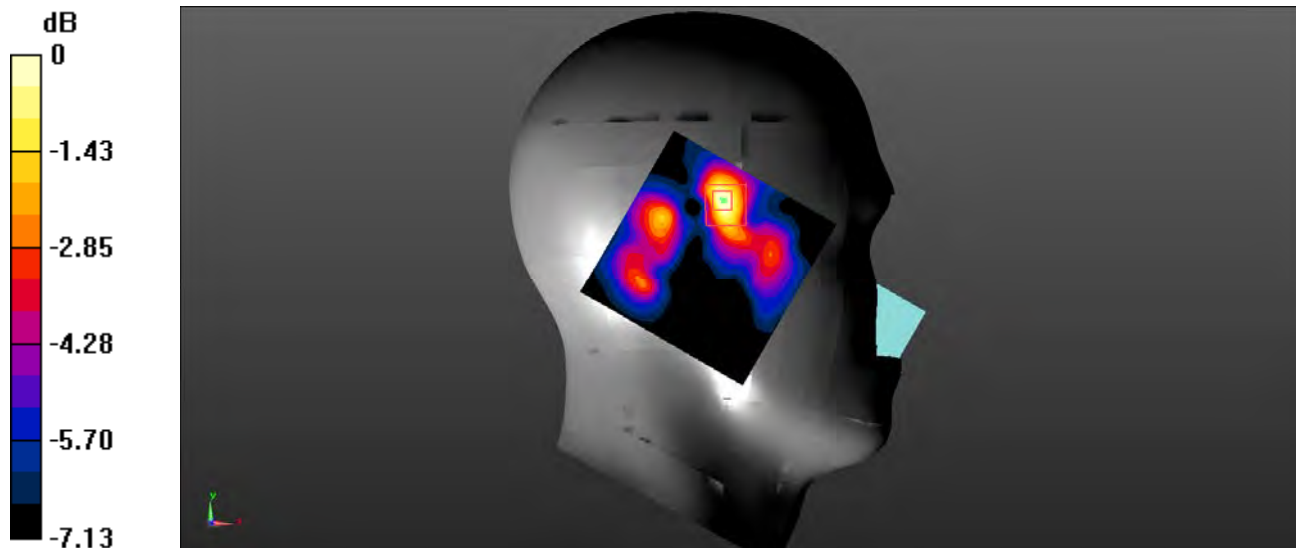
Head Left Check/WLAN 5.8G 802.11a Mid/Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 5.312 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.308 W/kg; SAR(10 g) = 0.173 W/kg

Maximum value of SAR (measured) = 0.488 W/kg



0 dB = 0.488 W/kg = -3.12 dBW/kg

Test Plot 161#: 5.8GWifi_ Head Left Tilt _Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5785 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785 \text{ MHz}$; $\sigma = 5.008 \text{ S/m}$; $\epsilon_r = 35.767$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(4.65, 4.65, 4.65) ;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Head Left Tilt/WLAN 5.8G 802.11a Mid/Area Scan (101x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.589 W/kg

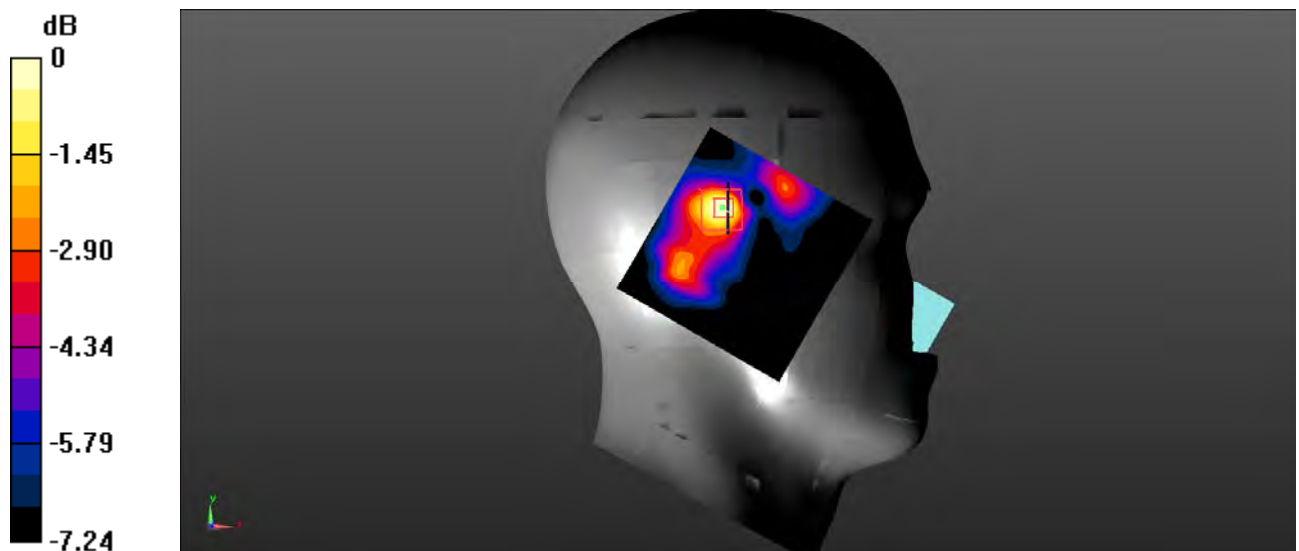
Head Left Tilt/WLAN 5.8G 802.11a Mid/Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 5.610 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.924 W/kg

SAR(1 g) = 0.317 W/kg; SAR(10 g) = 0.175 W/kg

Maximum value of SAR (measured) = 0.504 W/kg



0 dB = 0.504 W/kg = -2.98 dBW/kg

Test Plot 162#: 5.8GWifi_ Head Right Check_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5785 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785 \text{ MHz}$; $\sigma = 5.008 \text{ S/m}$; $\epsilon_r = 35.767$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(4.65, 4.65, 4.65) ;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Head Right Check/WLAN 5.8G 802.11a Mid/Area Scan (101x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.316 W/kg

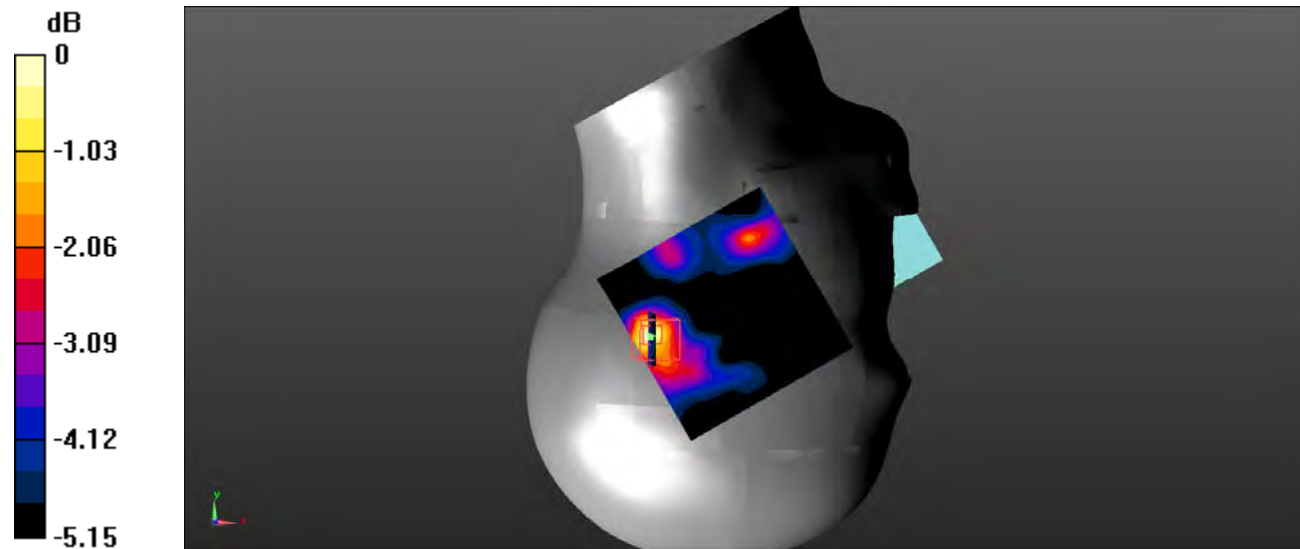
Head Right Check/WLAN 5.8G 802.11a Mid/Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 4.476 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.540 W/kg

SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.140 W/kg

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



0 dB = 0.320 W/kg = -4.95 dBW/kg

Test Plot 163#: 5.8GWifi_ Head Right Tilt_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5785 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785 \text{ MHz}$; $\sigma = 5.008 \text{ S/m}$; $\epsilon_r = 35.767$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(4.65, 4.65, 4.65) ;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Head Right Tilt/WLAN 5.8G 802.11a Mid/Area Scan (101x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.632 W/kg

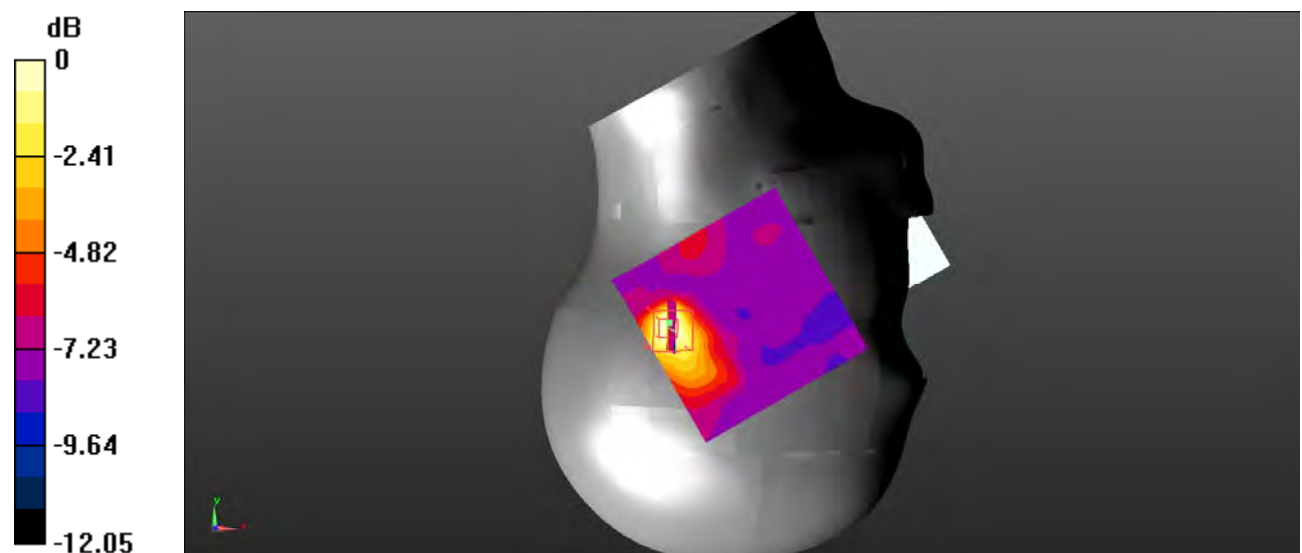
Head Right Tilt/WLAN 5.8G 802.11a Mid/Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 5.091 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 4.86 W/kg

SAR(1 g) = 0.395 W/kg; SAR(10 g) = 0.084 W/kg

Maximum value of SAR (measured) = 0.540 W/kg



0 dB = 0.540 W/kg = -2.68 dBW/kg

Test Plot 164#: 5.8GWifi_ Body Back_Low

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5745 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5745 \text{ MHz}$; $\sigma = 4.966 \text{ S/m}$; $\epsilon_r = 36.631$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(4.65, 4.65, 4.65) @ 5745 MHz;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Body Back/ WLAN 5.8G 802.11a Low/Area Scan (101x111x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 2.22 W/kg

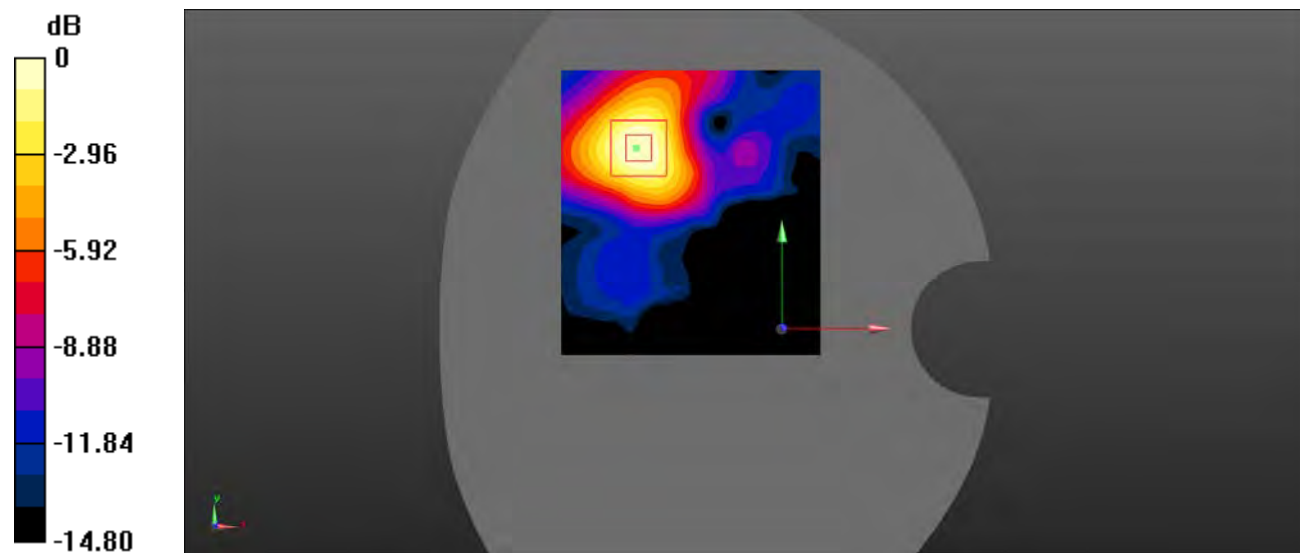
Body Back/ WLAN 5.8G 802.11a Low/Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 3.374 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.93 W/kg

SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.533 W/kg

Maximum value of SAR (measured) = 2.16 W/kg



0 dB = 2.16 W/kg = 3.34 dBW/kg

Test Plot 165#: 5.8GWifi_ Body Back_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5785 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785 \text{ MHz}$; $\sigma = 5.008 \text{ S/m}$; $\epsilon_r = 35.767$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(4.65, 4.65, 4.65) ;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Body Back/ WLAN 5.8G 802.11a Mid/Area Scan (101x111x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 2.27 W/kg

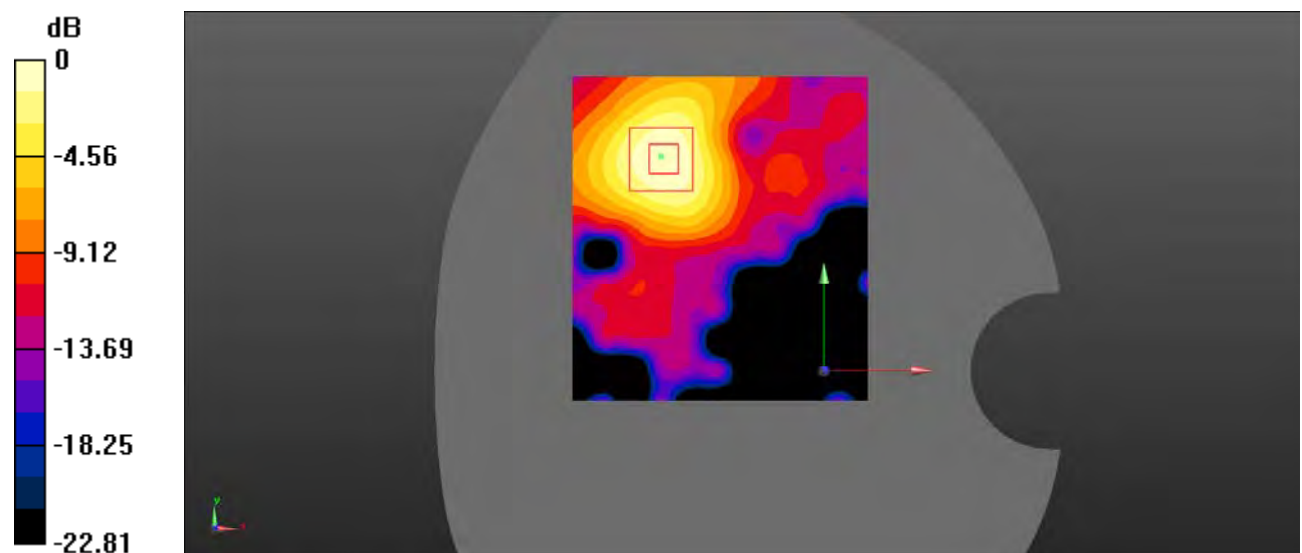
Body Back/ WLAN 5.8G 802.11a Mid/Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 3.321 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 4.08 W/kg

SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.517 W/kg

Maximum value of SAR (measured) = 2.23 W/kg



0 dB = 2.23 W/kg = 3.48 dBW/kg

Test Plot 166#: 5.8GWifi_ Body Back_High

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5825 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5825 \text{ MHz}$; $\sigma = 5.129 \text{ S/m}$; $\epsilon_r = 36.216$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(4.65, 4.65, 4.65)
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Body Back/ WLAN 5.8G 802.11a High/Area Scan (101x111x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 2.08 W/kg

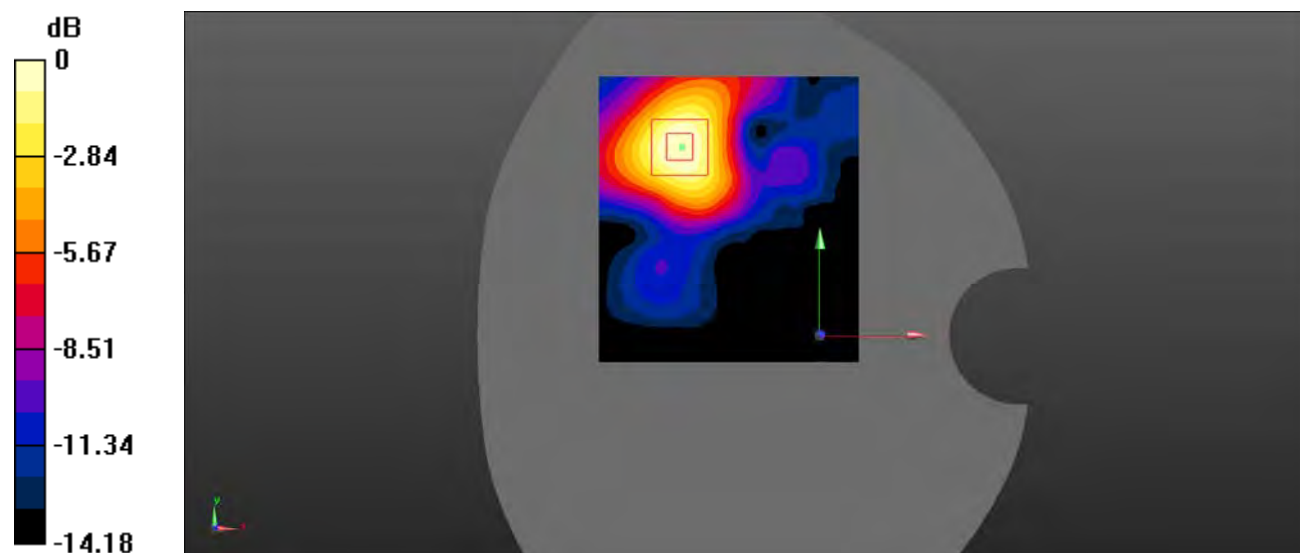
Body Back/ WLAN 5.8G 802.11a High/Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 2.955 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 3.63 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.499 W/kg

Maximum value of SAR (measured) = 2.00 W/kg



0 dB = 2.00 W/kg = 3.01 dBW/kg

Test Plot 167#: 5.8GWifi_ Body Right_Low

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5745 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5745 \text{ MHz}$; $\sigma = 4.966 \text{ S/m}$; $\epsilon_r = 36.631$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(4.65, 4.65, 4.65)
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Body Right/WLAN 5.8G 802.11a Low/Area Scan (101x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 2.28 W/kg

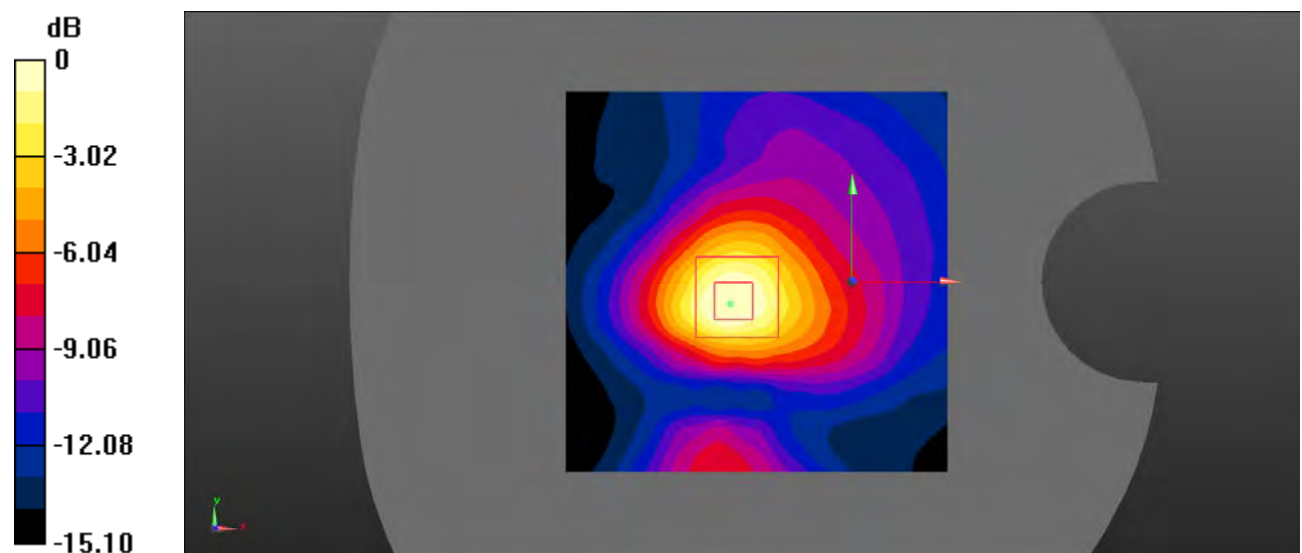
Body Right/WLAN 5.8G 802.11a Low/Zoom Scan (8x8x16)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 13.38 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 3.77 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.434 W/kg

Maximum value of SAR (measured) = 1.99 W/kg



0 dB = 1.99 W/kg = 2.99 dBW/kg

Test Plot 168#: 5.8GWifi_ Body Right_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5785 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785 \text{ MHz}$; $\sigma = 5.008 \text{ S/m}$; $\epsilon_r = 35.767$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(4.65, 4.65, 4.65) ;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Body Right/WLAN 5.8G 802.11a Mid/Area Scan (101x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 1.77 W/kg

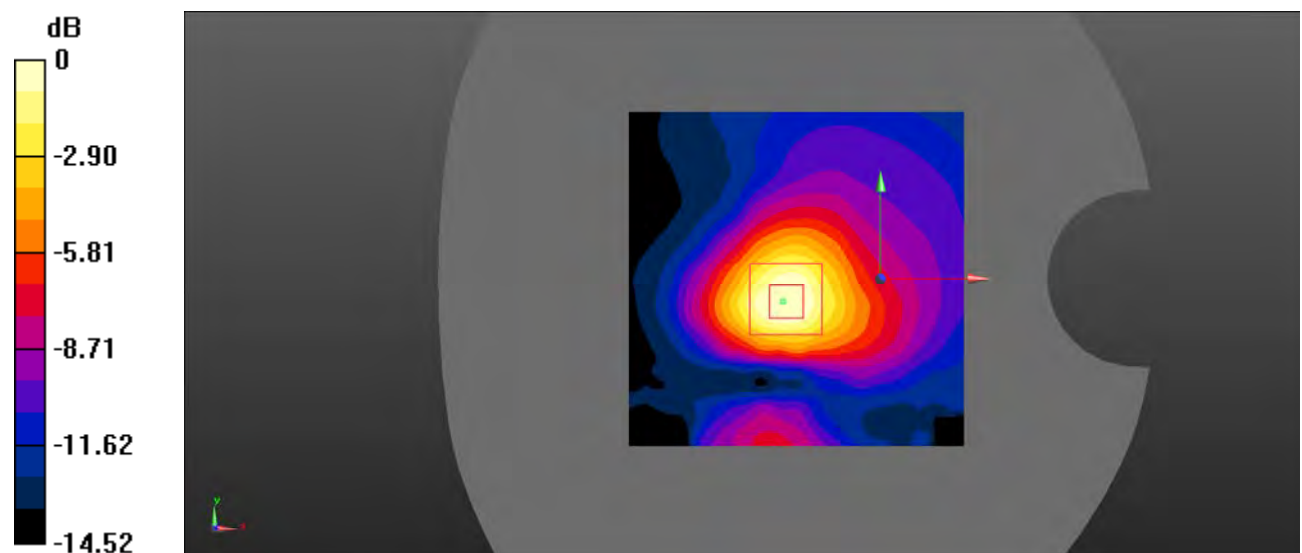
Body Right/WLAN 5.8G 802.11a Mid/Zoom Scan (8x8x16)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 12.07 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 3.16 W/kg

SAR(1 g) = 0.896 W/kg; SAR(10 g) = 0.360 W/kg

Maximum value of SAR (measured) = 1.58 W/kg



0 dB = 1.58 W/kg = 1.99 dBW/kg

Test Plot 169#: 5.8GWifi_ Body Right_High

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5825 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5825 \text{ MHz}$; $\sigma = 5.129 \text{ S/m}$; $\epsilon_r = 36.216$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(4.65, 4.65, 4.65)
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Body Right/WLAN 5.8G 802.11a High/Area Scan (101x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 1.77 W/kg

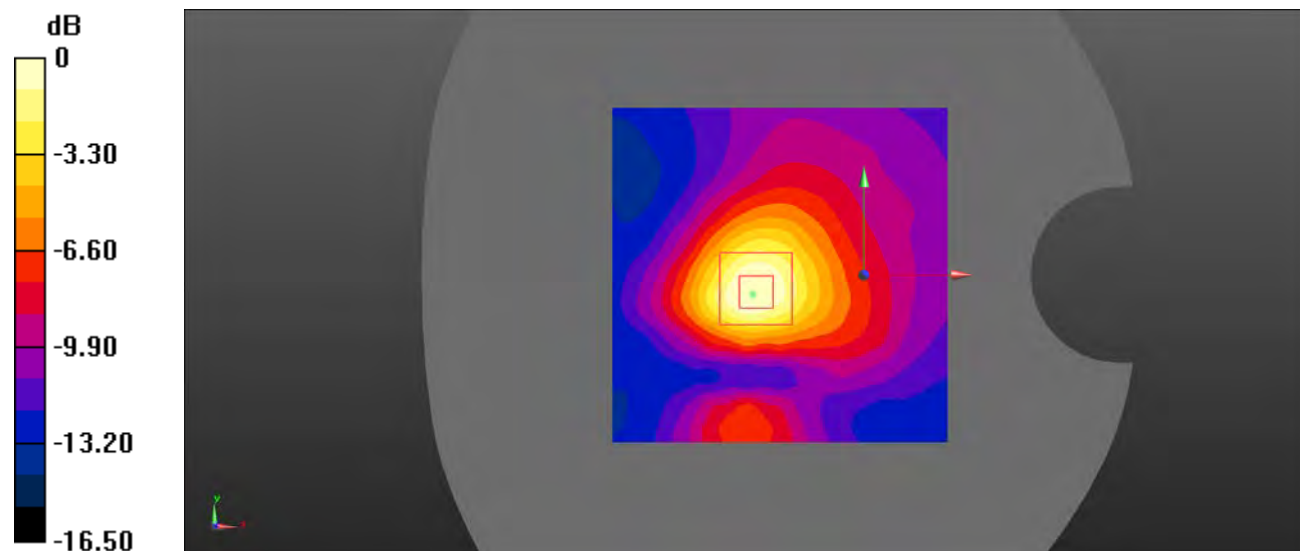
Body Right/WLAN 5.8G 802.11a High/Zoom Scan (8x8x16)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 11.61 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.11 W/kg

SAR(1 g) = 0.868 W/kg; SAR(10 g) = 0.357 W/kg

Maximum value of SAR (measured) = 1.55 W/kg



0 dB = 1.55 W/kg = 1.90 dBW/kg

Test Plot 170#: 5.8GWifi_ Body Top_Middle

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5785 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785 \text{ MHz}$; $\sigma = 5.008 \text{ S/m}$; $\epsilon_r = 35.767$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7522; ConvF(4.65, 4.65, 4.65) ;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1562; Calibrated: 3/3/2020
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

Body Top/WLAN 5.8G 802.11a Mid/Area Scan (101x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

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

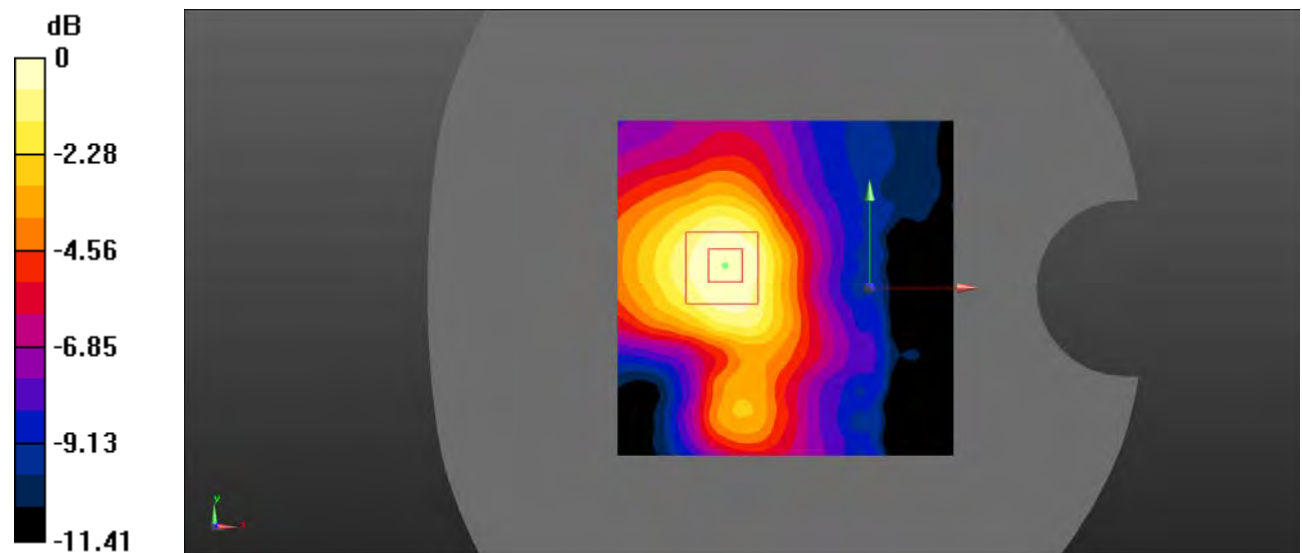
Body Top/WLAN 5.8G 802.11a Mid/Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 5.443 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.430 W/kg; SAR(10 g) = 0.198 W/kg

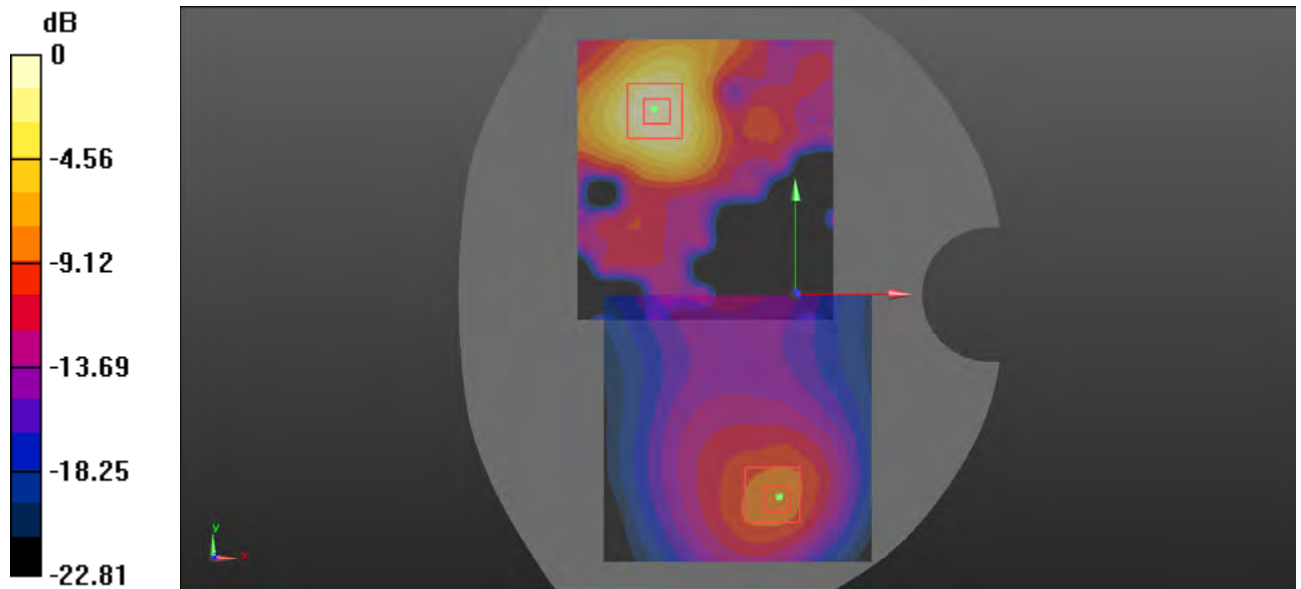
Maximum value of SAR (measured) = 0.747 W/kg



0 dB = 0.747 W/kg = -1.27 dBW/kg

Test Plot 171#: GSM850+5.8GWifi

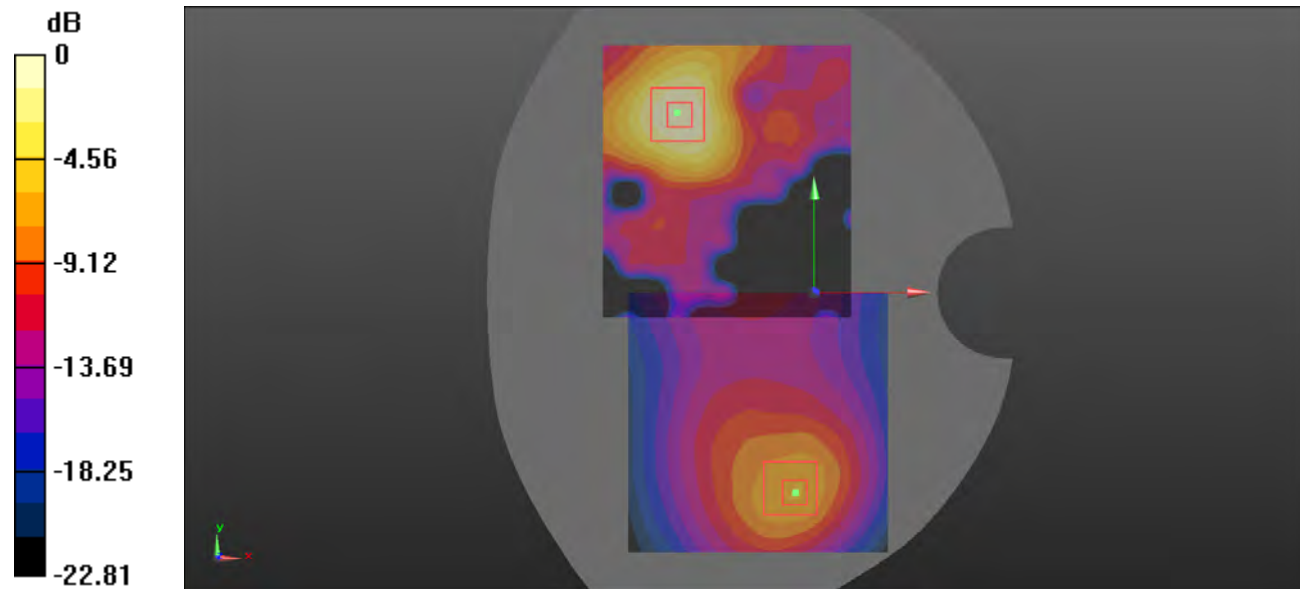
DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1



0 dB = 2.23 W/kg = 3.48 dBW/kg

Test Plot 172#: GSM850(GPRS)+5.8GWifi

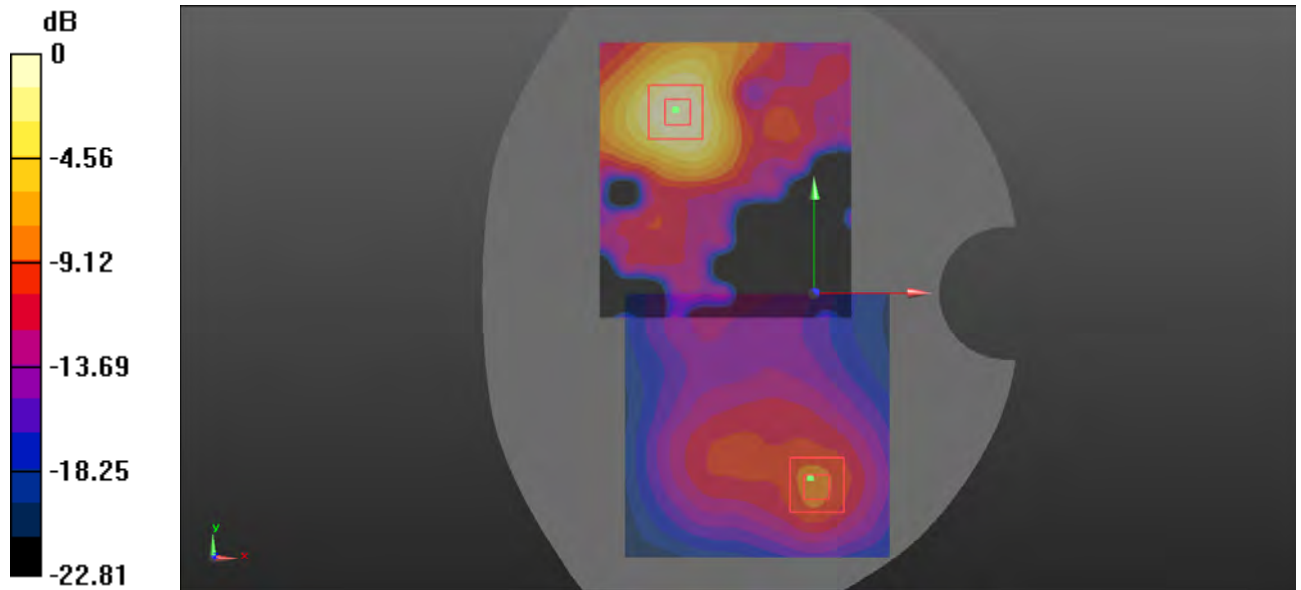
DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1



0 dB = 2.23 W/kg = 3.48 dBW/kg

Test Plot 173#: PCS1900+5.8GWifi

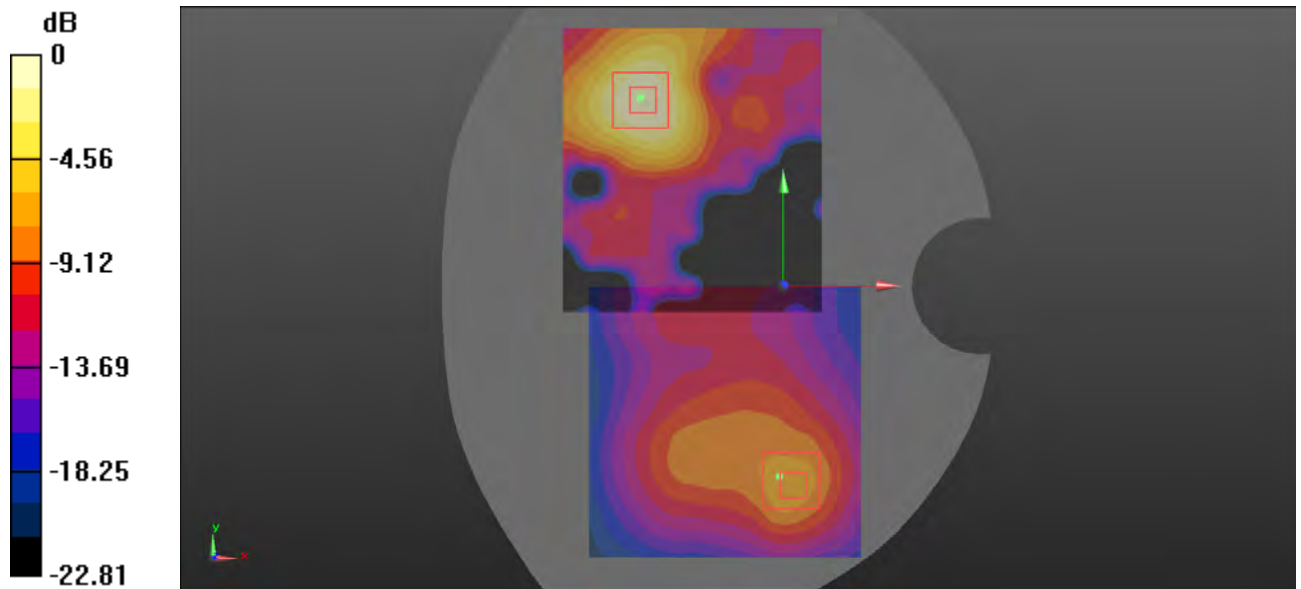
DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1



0 dB = 2.23 W/kg = 3.48 dBW/kg

Test Plot 174#: PCS1900(GPRS)+5.8GWifi

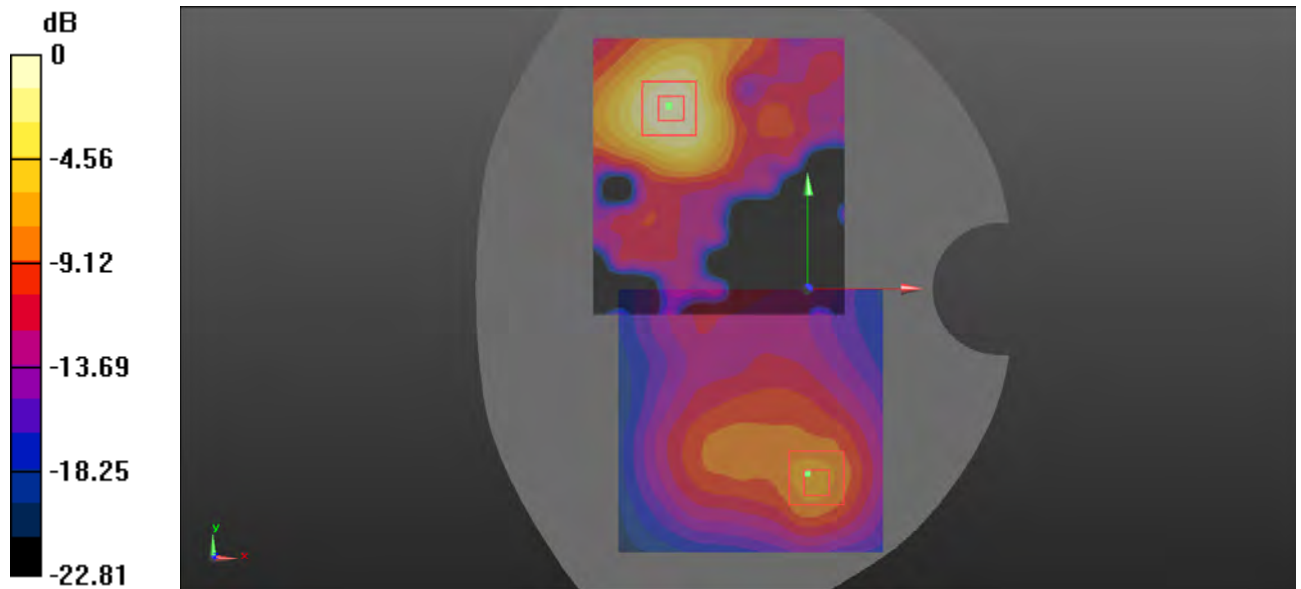
DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1



0 dB = 2.23 W/kg = 3.48 dBW/kg

Test Plot 175#: WCDMA Band 2+5.8GWifi

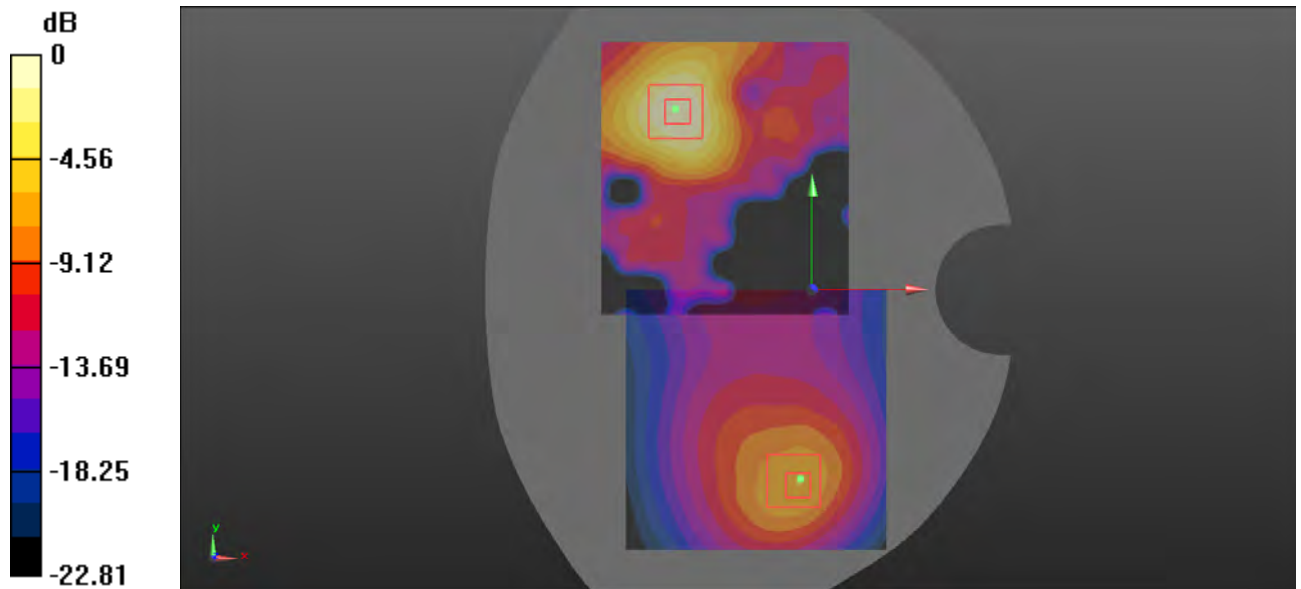
DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1



0 dB = 2.23 W/kg = 3.48 dBW/kg

Test Plot 176#: WCDMA Band 5+5.8GWifi

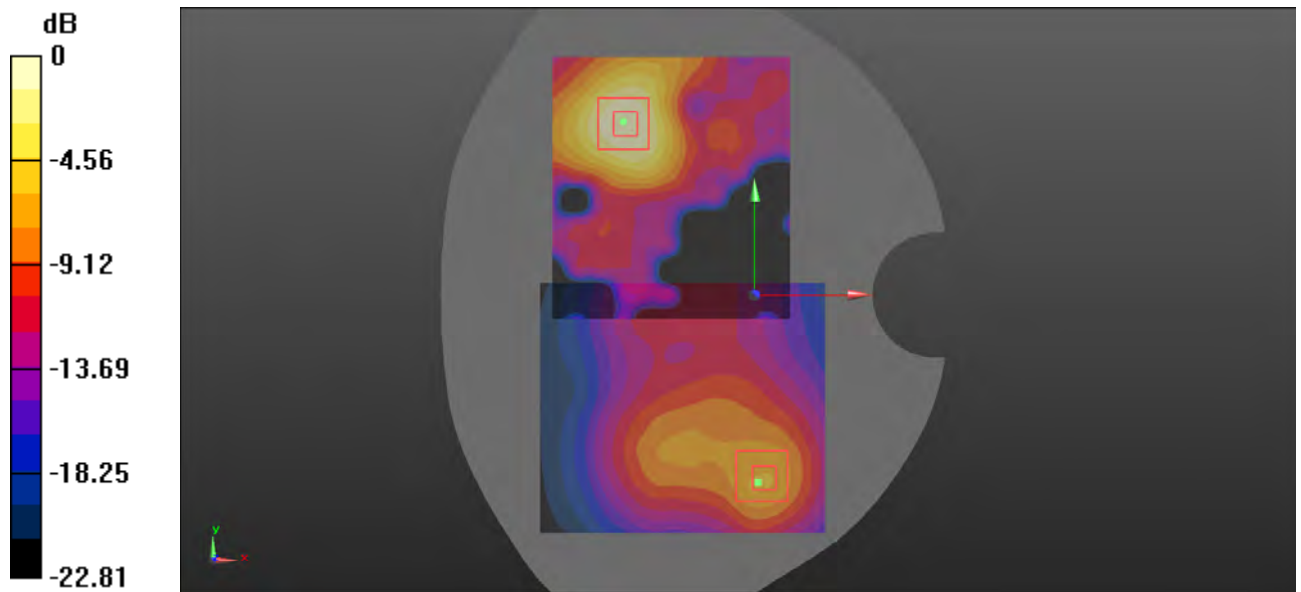
DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1



0 dB = 2.23 W/kg = 3.48 dBW/kg

Test Plot 177#: LTE Band 2 1RB+5.8GWifi

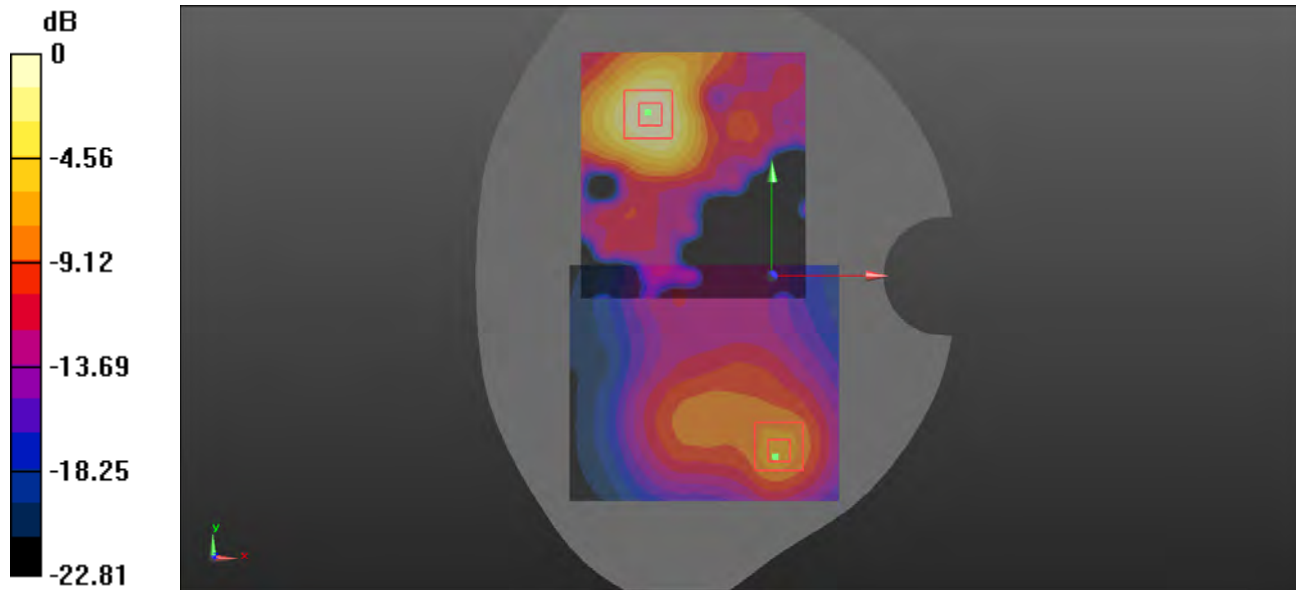
DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1



0 dB = 2.23 W/kg = 3.48 dBW/kg

Test Plot 178#: LTE Band 2 50%RB+5.8GWifi

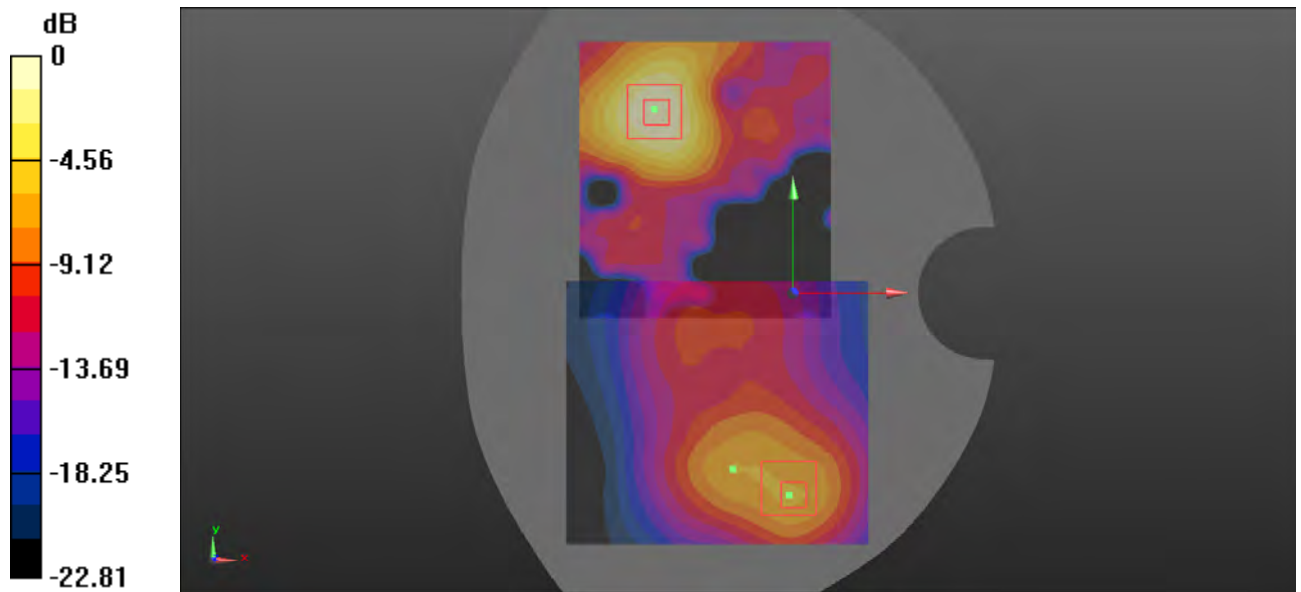
DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1



0 dB = 2.23 W/kg = 3.48 dBW/kg

Test Plot 179#: LTE Band 4 1RB+5.8GWifi

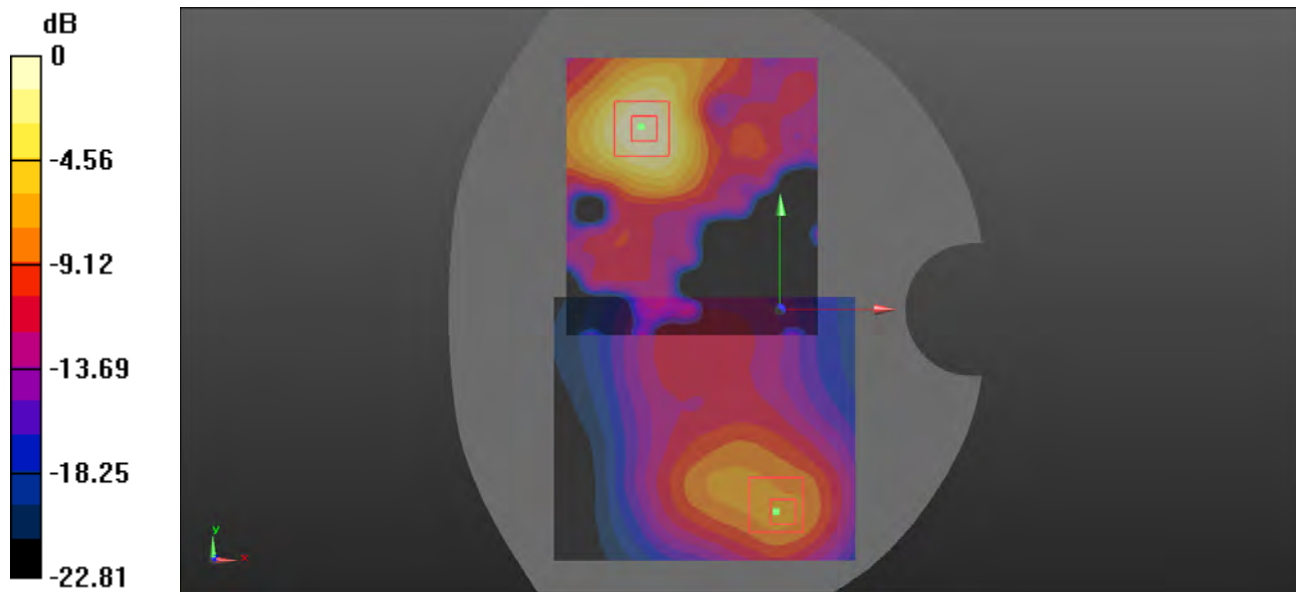
DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1



0 dB = 2.23 W/kg = 3.48 dBW/kg

Test Plot 180#: LTE Band 2 50%RB+5.8GWifi

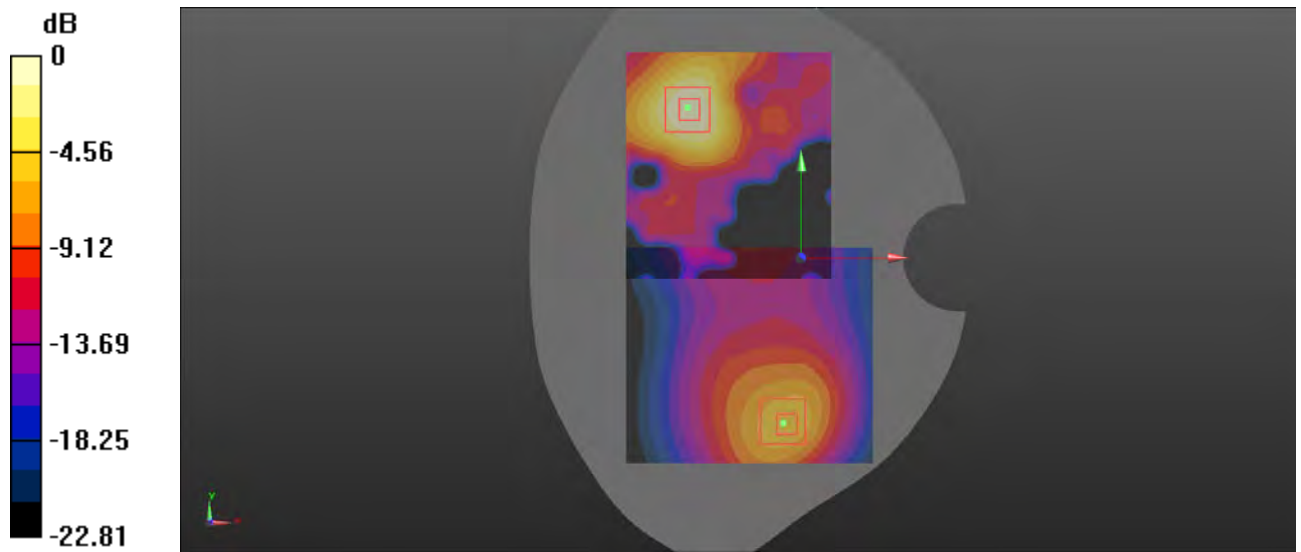
DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1



0 dB = 2.23 W/kg = 3.48 dBW/kg

Test Plot 181#: LTE Band 5 1RB+5.8GWifi

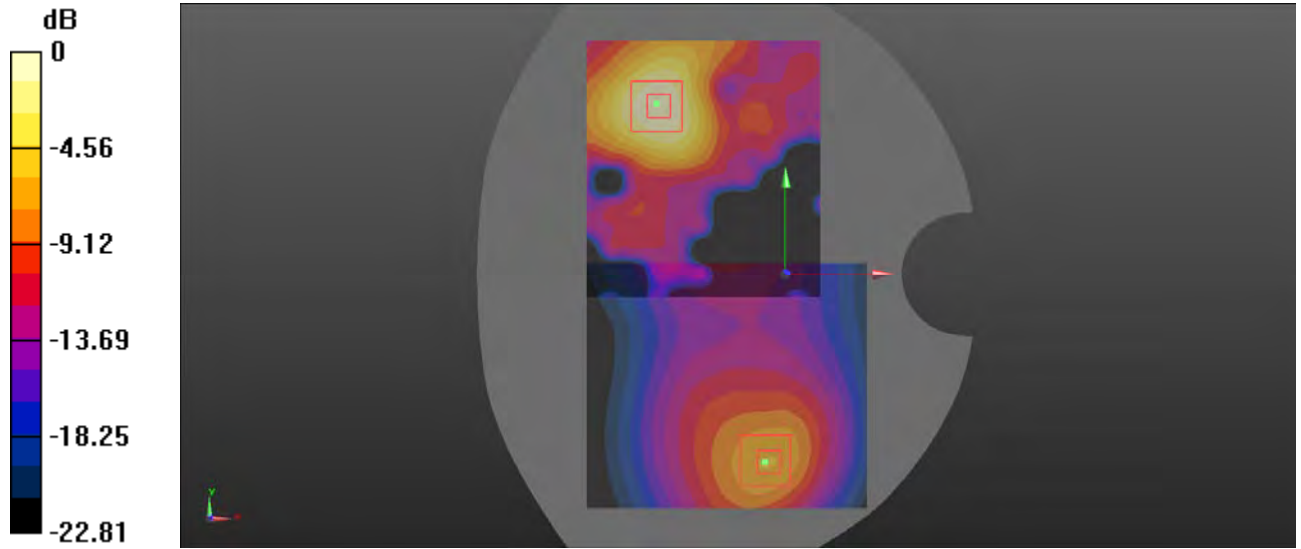
DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1



0 dB = 2.23 W/kg = 3.48 dBW/kg

Test Plot 182#: LTE Band 5 50%RB+5.8GWifi

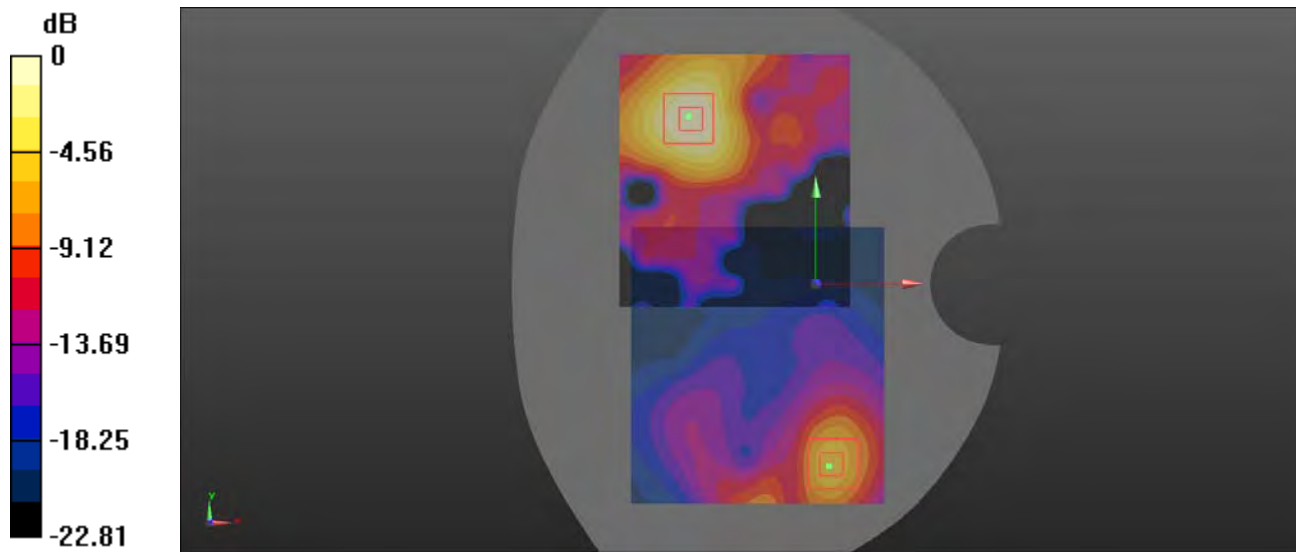
DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1



0 dB = 2.23 W/kg = 3.48 dBW/kg

Test Plot 183#: LTE Band 7 1RB+5.8GWifi

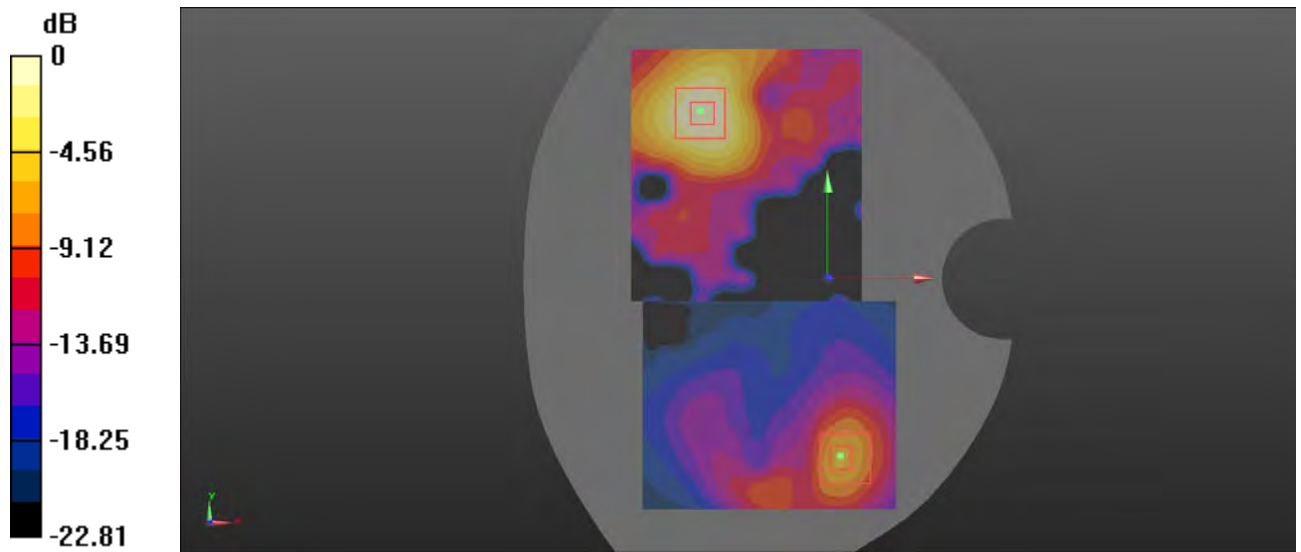
DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1



0 dB = 2.23 W/kg = 3.48 dBW/kg

Test Plot 184#: LTE Band 7 50%RB+5.8GWifi

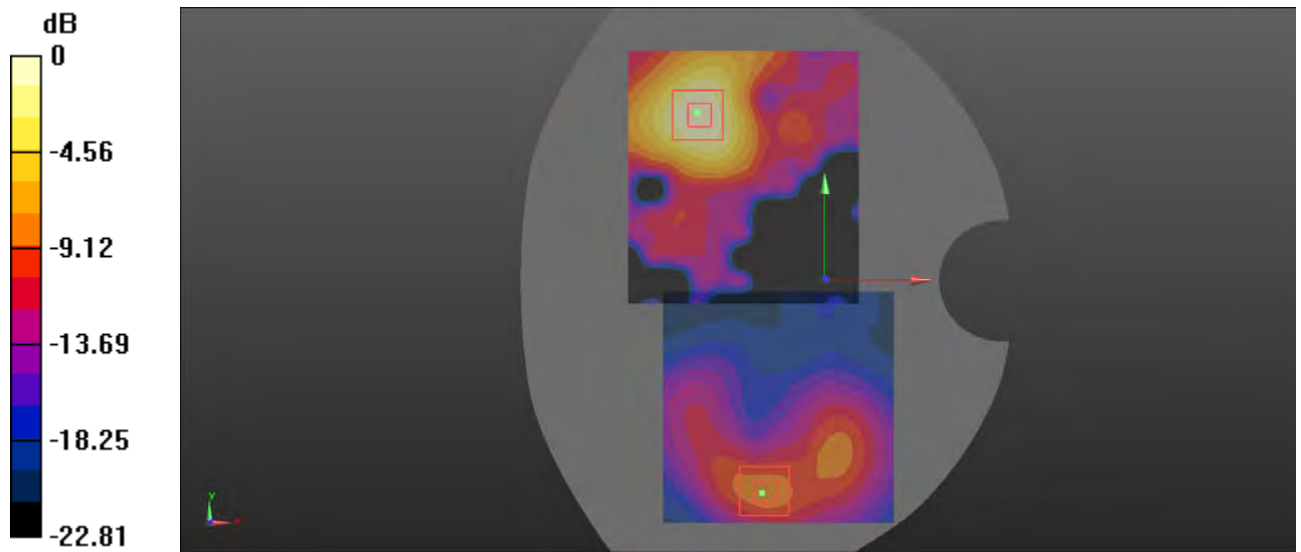
DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1



0 dB = 2.23 W/kg = 3.48 dBW/kg

Test Plot 185#: LTE Band 41 1RB+5.8GWifi

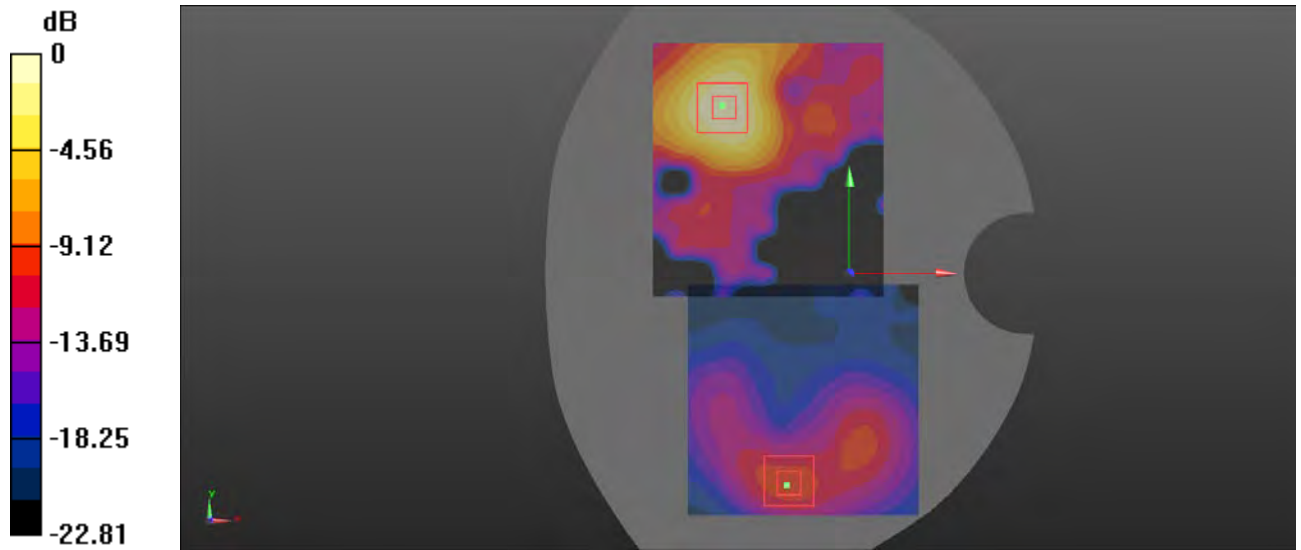
DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1



0 dB = 2.23 W/kg = 3.48 dBW/kg

Test Plot 186#: LTE Band 41 50%RB+5.8GWifi

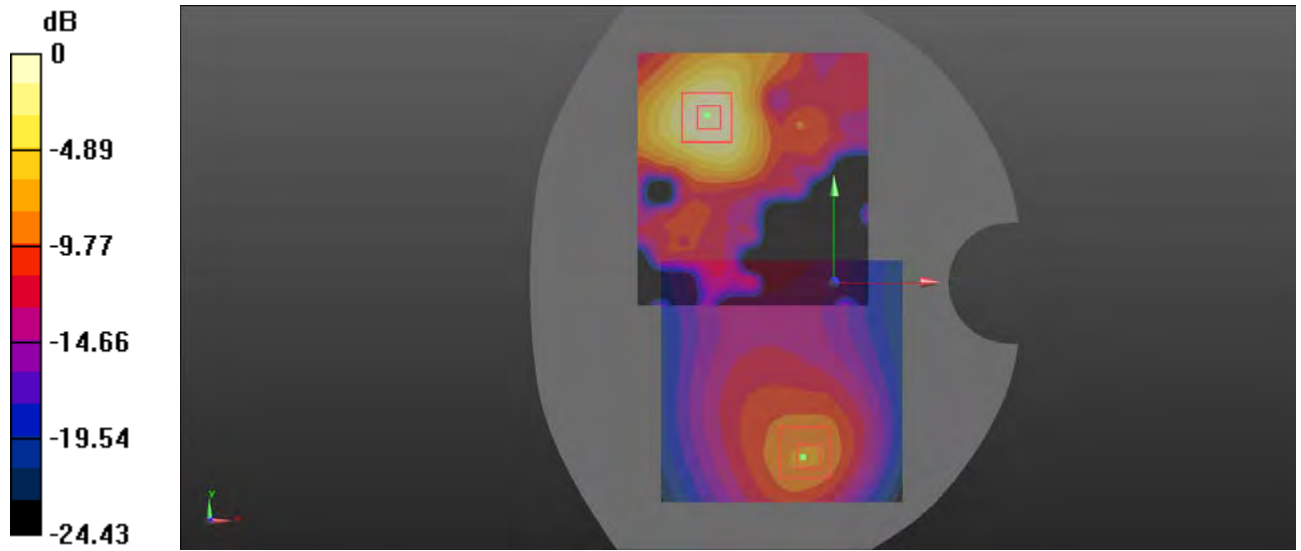
DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1



0 dB = 2.23 W/kg = 3.48 dBW/kg

Test Plot 187#: Evdo+5.8GWifi

DUT: Rugged Phone; Type:LT51; Serial:RSH201022050-SA-S1



0 dB = 2.23 W/kg = 3.48 dBW/kg