

**Test Plot 1#: GSM 850\_Body Back\_Low****DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic GPRS-2 slots (0); Frequency: 824.2 MHz;Duty Cycle: 1:4

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.89$  S/m;  $\epsilon_r = 41.45$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 824.2 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Body Back/GSM 850 Low/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

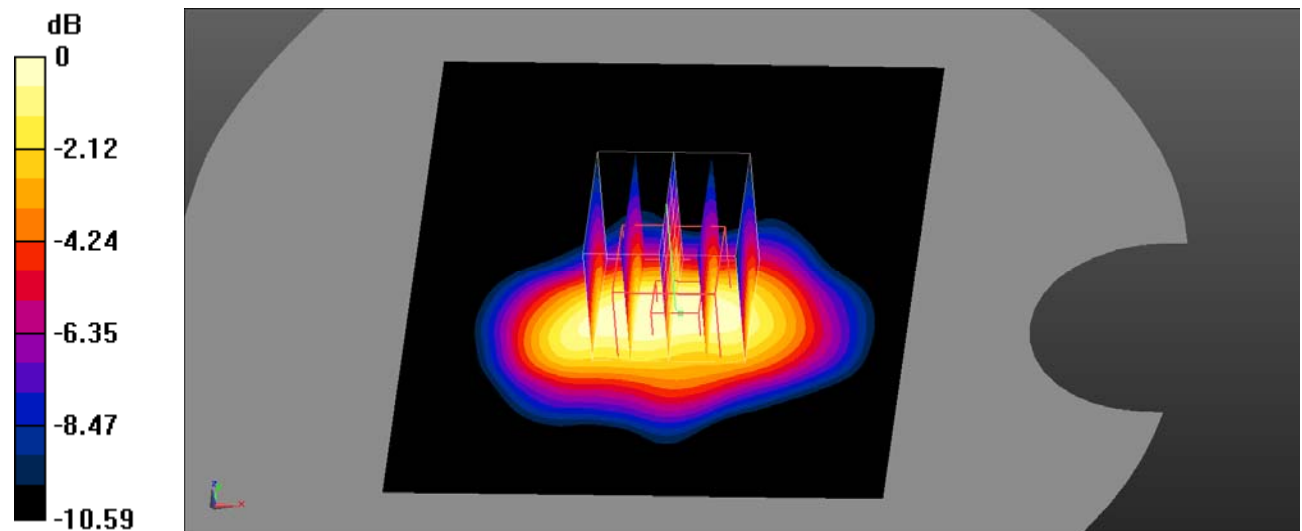
**Body Back/GSM 850 Low/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.07 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.48 W/kg

**SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.692 W/kg**

Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.16 W/kg = 0.64 dBW/kg

**Test Plot 2#: GSM 850\_Body Back\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

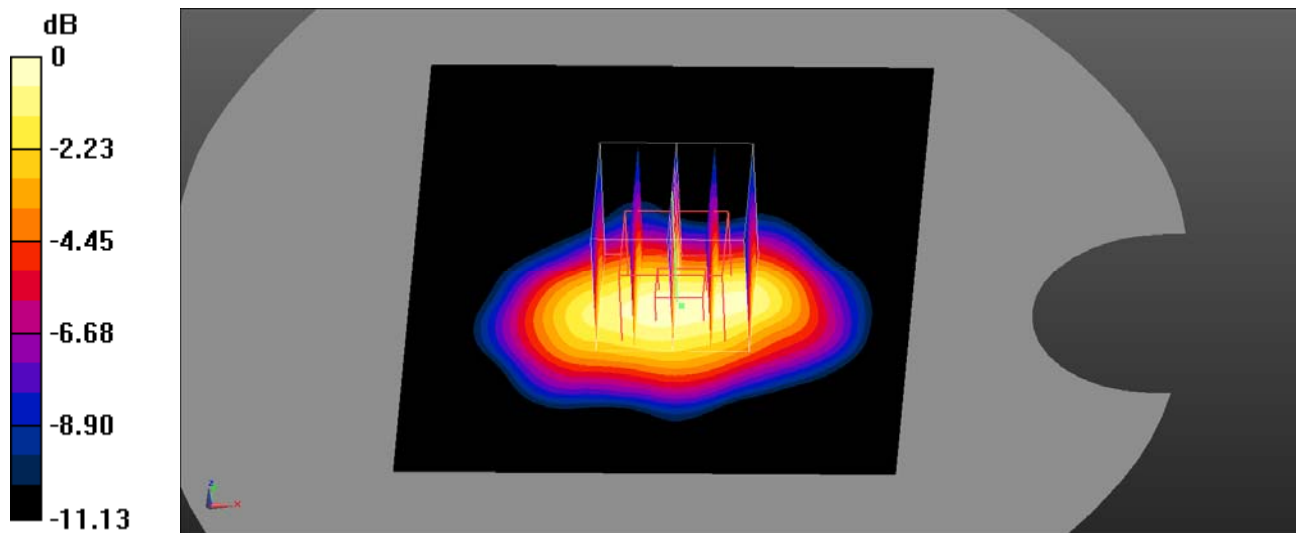
Communication System: UID 0, Generic GPRS-2 slots (0); Frequency: 836.6 MHz;Duty Cycle: 1:4  
 Medium parameters used (interpolated):  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.92 \text{ S/m}$ ;  $\epsilon_r = 42$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 836.6 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Body Back/GSM 850 Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $1.27 \text{ W/kg}$

**Body Back/GSM 850 Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $35.99 \text{ V/m}$ ; Power Drift =  $-0.03 \text{ dB}$   
 Peak SAR (extrapolated) =  $1.64 \text{ W/kg}$   
**SAR(1 g) =  $1.21 \text{ W/kg}$ ; SAR(10 g) =  $0.766 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $1.35 \text{ W/kg}$



0 dB =  $1.35 \text{ W/kg}$  =  $1.30 \text{ dBW/kg}$

**Test Plot 3#: GSM 850\_Body Back\_High**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

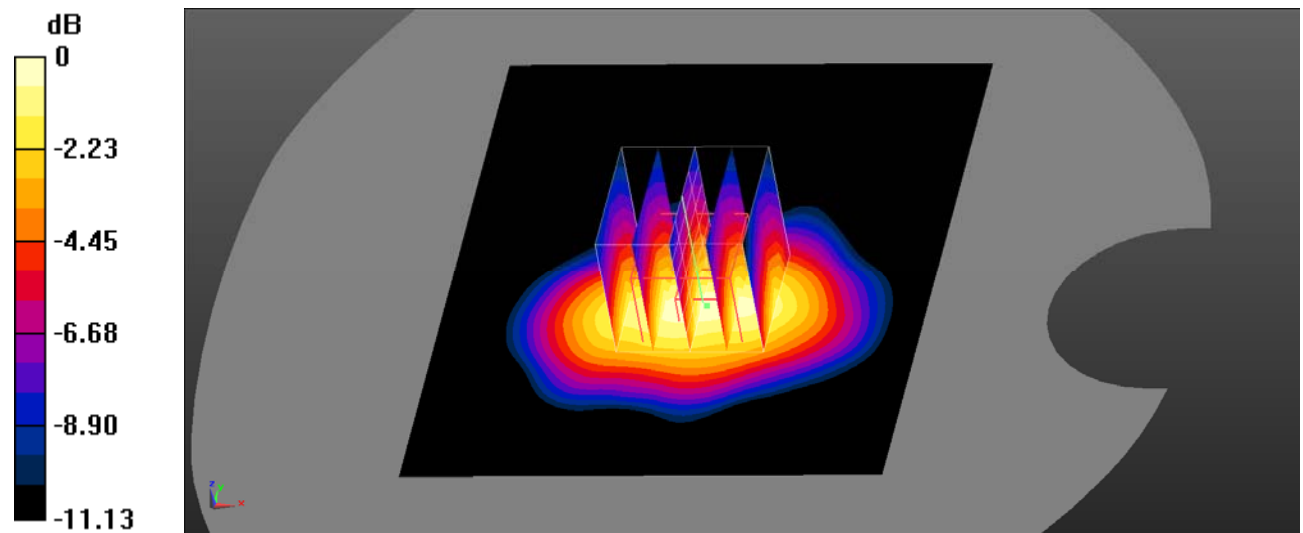
Communication System: UID 0, Generic GPRS-2 slots (0); Frequency: 848.8 MHz;Duty Cycle: 1:4  
 Medium parameters used (interpolated):  $f = 848.8 \text{ MHz}$ ;  $\sigma = 0.942 \text{ S/m}$ ;  $\epsilon_r = 41.431$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 848.8 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Body Back/GSM 850 High/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) = 1.21 W/kg

**Body Back/GSM 850 High/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 34.83 V/m; Power Drift = -0.02 dB  
 Peak SAR (extrapolated) = 1.59 W/kg  
**SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.732 W/kg**  
 Maximum value of SAR (measured) = 1.30 W/kg



0 dB = 1.30 W/kg = 1.14 dBW/kg

**Test Plot 4#: GSM 850\_Handheld Left\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

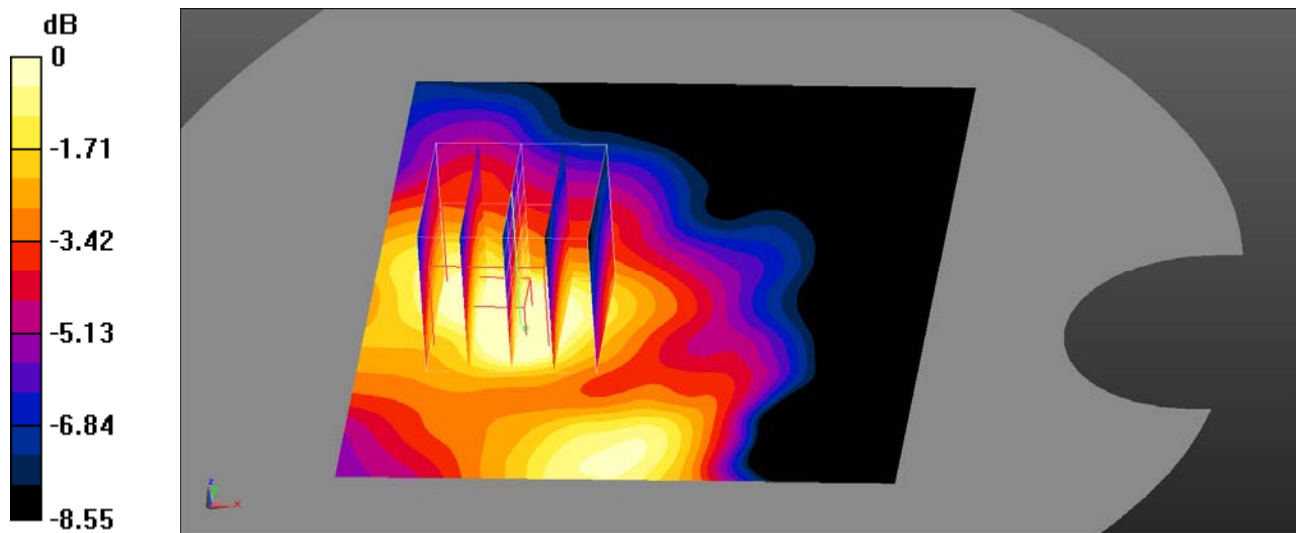
Communication System: UID 0, Generic GPRS-2 slots (0); Frequency: 836.6 MHz;Duty Cycle: 1:4  
 Medium parameters used (interpolated):  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.92 \text{ S/m}$ ;  $\epsilon_r = 42$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 836.6 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Left/GSM 850 Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) = 0.0599 W/kg

**Handheld Left/GSM 850 Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 4.254 V/m; Power Drift = 0.05 dB  
 Peak SAR (extrapolated) = 0.0540 W/kg  
**SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.032 W/kg**  
 Maximum value of SAR (measured) = 0.0478 W/kg



0 dB = 0.0478 W/kg = -13.21 dBW/kg

**Test Plot 5#: GSM 850\_Handheld Right\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

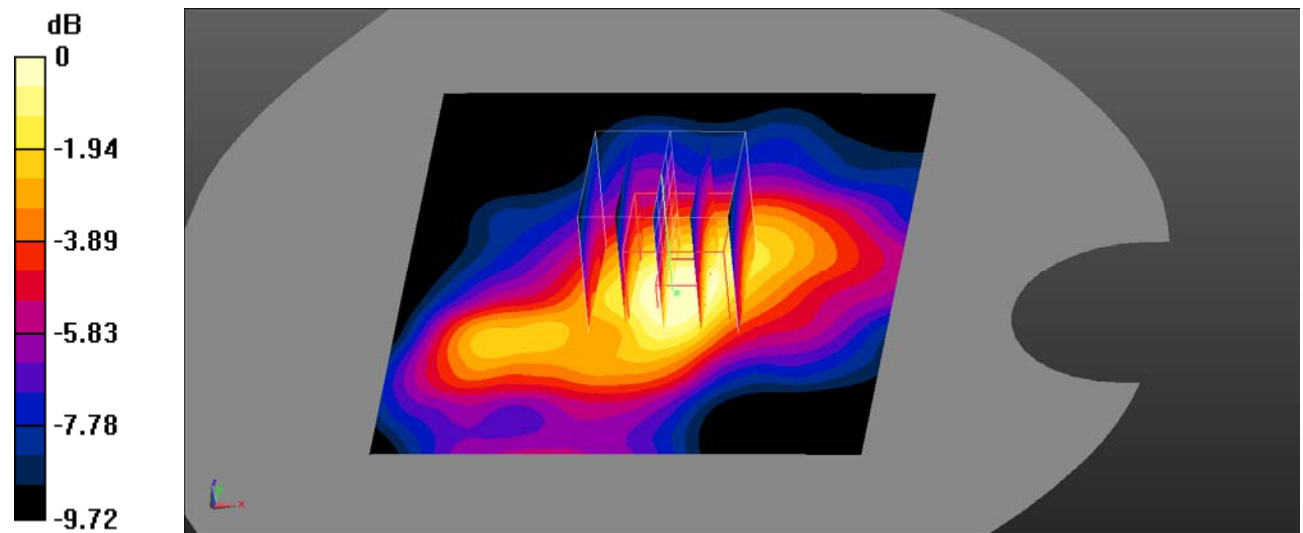
Communication System: UID 0, Generic GPRS-2 slots (0); Frequency: 836.6 MHz;Duty Cycle: 1:4  
 Medium parameters used (interpolated):  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.92 \text{ S/m}$ ;  $\epsilon_r = 42$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 836.6 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Right/GSM 850 Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.151 \text{ W/kg}$

**Handheld Right/GSM 850 Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $11.57 \text{ V/m}$ ; Power Drift =  $-0.07 \text{ dB}$   
 Peak SAR (extrapolated) =  $0.162 \text{ W/kg}$   
**SAR(1 g) =  $0.129 \text{ W/kg}$ ; SAR(10 g) =  $0.082 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $0.136 \text{ W/kg}$



0 dB =  $0.136 \text{ W/kg}$  =  $-8.66 \text{ dBW/kg}$

**Test Plot 6#: GSM 850\_Handheld Top\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

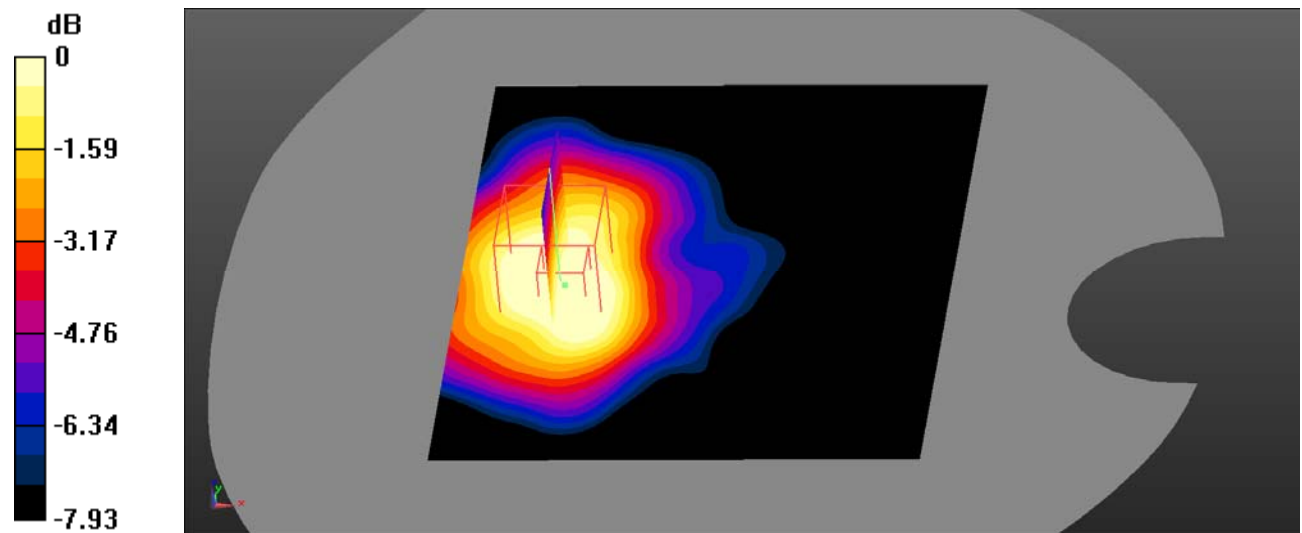
Communication System: UID 0, Generic GPRS-2 slots (0); Frequency: 836.6 MHz;Duty Cycle: 1:4  
 Medium parameters used (interpolated):  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.92 \text{ S/m}$ ;  $\epsilon_r = 42$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 836.6 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Top/GSM 850 Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.108 \text{ W/kg}$

**Handheld Top/GSM 850 Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $4.001 \text{ V/m}$ ; Power Drift =  $0.02 \text{ dB}$   
 Peak SAR (extrapolated) =  $0.0880 \text{ W/kg}$   
**SAR(1 g) =  $0.082 \text{ W/kg}$ ; SAR(10 g) =  $0.062 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $0.0860 \text{ W/kg}$



0 dB =  $0.0860 \text{ W/kg}$  =  $-10.66 \text{ dBW/kg}$

**Test Plot 7#: PCS 1900\_Body Back\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

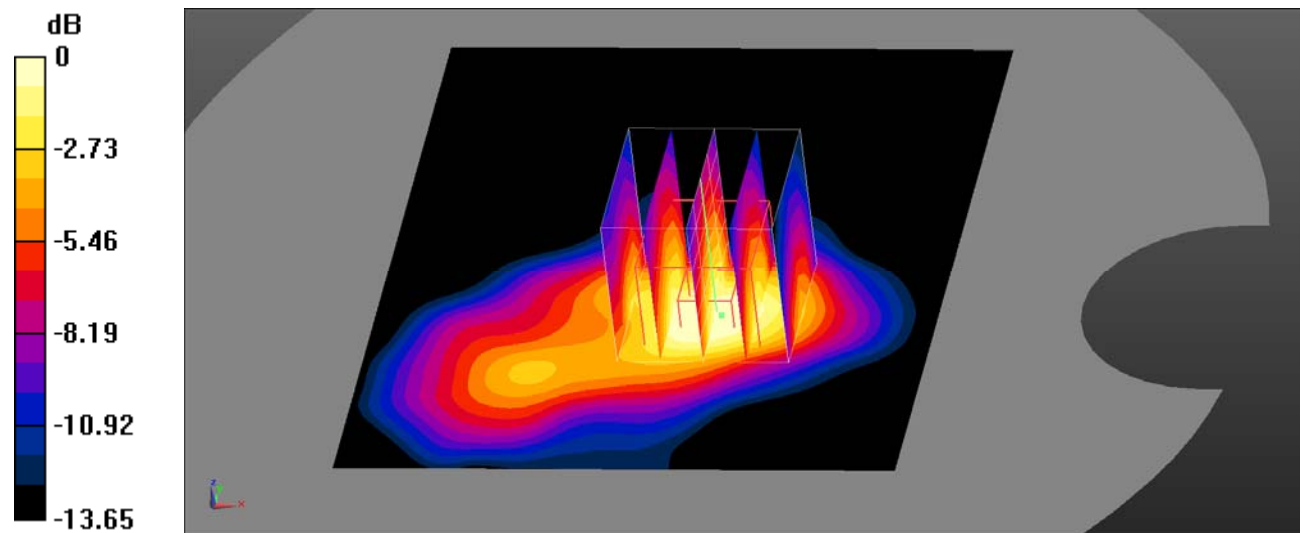
Communication System: UID 0, Generic GPRS-2 slots (0); Frequency: 1880 MHz;Duty Cycle: 1:4  
 Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.391$  S/m;  $\epsilon_r = 39.752$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(8.02, 8.02, 8.02) @ 1880 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Body Back/GSM 1900 Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
 Maximum value of SAR (interpolated) = 0.298 W/kg

**Body Back/GSM 1900 Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
 Reference Value = 10.58 V/m; Power Drift = -0.14 dB  
 Peak SAR (extrapolated) = 0.332 W/kg  
**SAR(1 g) = 0.249 W/kg; SAR(10 g) = 0.148 W/kg**  
 Maximum value of SAR (measured) = 0.281 W/kg



0 dB = 0.281 W/kg = -5.51 dBW/kg

**Test Plot 8#: PCS 1900\_Handheld Left\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

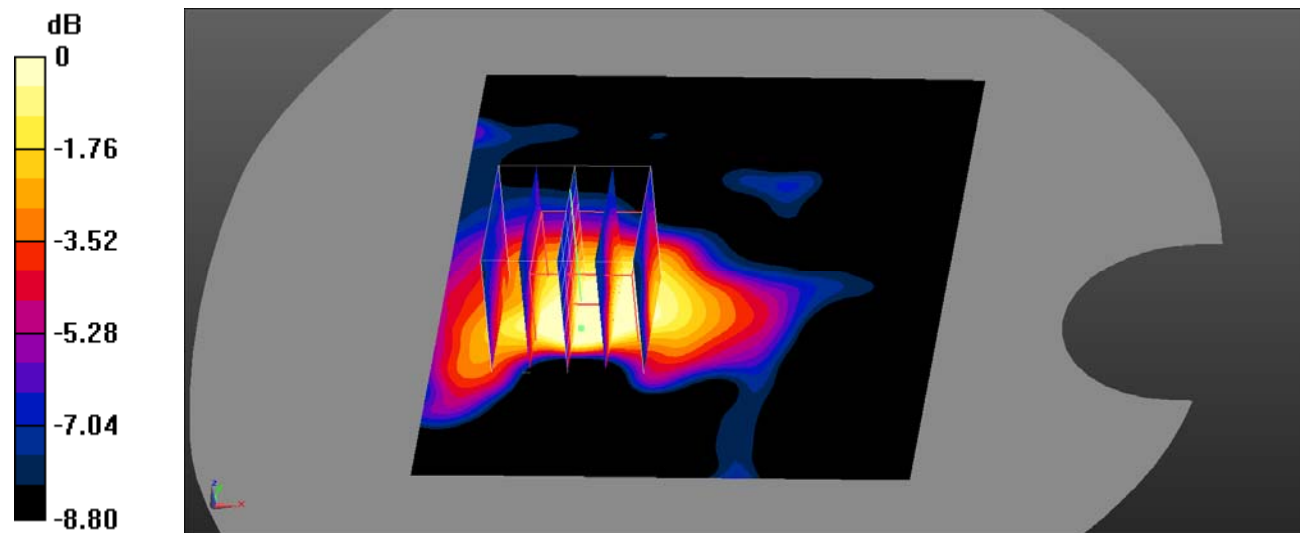
Communication System: UID 0, Generic GPRS-2 slots (0); Frequency: 1880 MHz;Duty Cycle: 1:4  
 Medium parameters used (interpolated):  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.391 \text{ S/m}$ ;  $\epsilon_r = 39.752$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(8.02, 8.02, 8.02) @ 1880 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Left/GSM 1900 Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$ .  
 Maximum value of SAR (interpolated) =  $0.0427 \text{ W/kg}$

**Handheld Left/GSM 1900 Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $2.590 \text{ V/m}$ ; Power Drift =  $0.03 \text{ dB}$   
 Peak SAR (extrapolated) =  $0.0330 \text{ W/kg}$   
**SAR(1 g) =  $0.027 \text{ W/kg}$ ; SAR(10 g) =  $0.018 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $0.0283 \text{ W/kg}$



0 dB =  $0.0283 \text{ W/kg}$  =  $-15.48 \text{ dBW/kg}$



**Test Plot 9#: PCS 1900\_Handheld Right\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

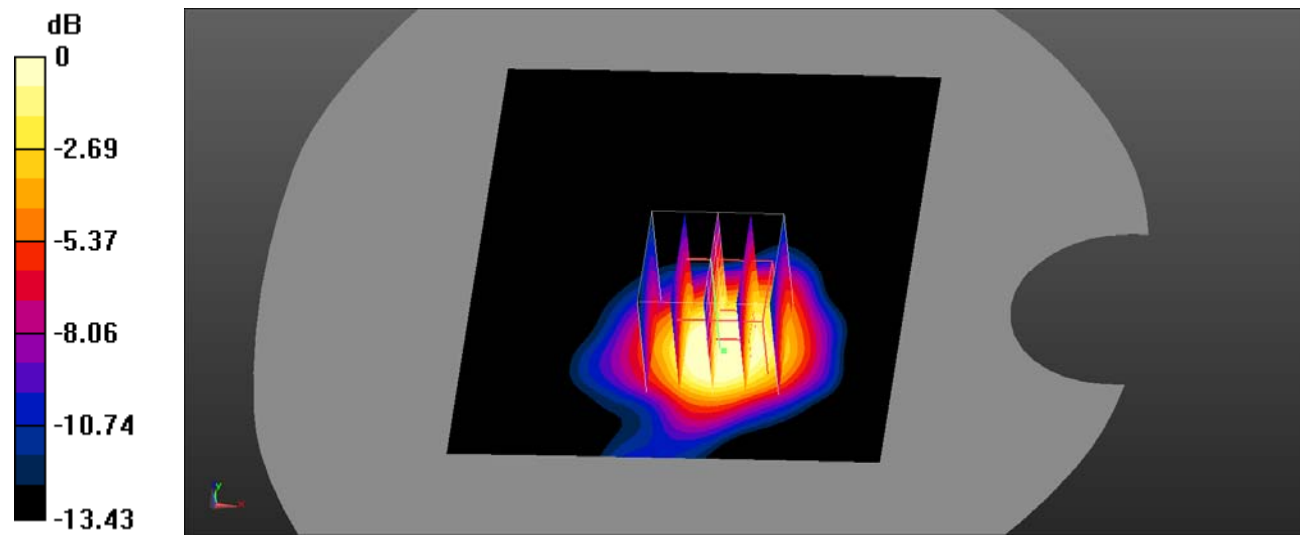
Communication System: UID 0, Generic GPRS-2 slots (0); Frequency: 1880 MHz;Duty Cycle: 1:4  
 Medium parameters used (interpolated):  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.391 \text{ S/m}$ ;  $\epsilon_r = 39.752$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(8.02, 8.02, 8.02) @ 1880 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Right/GSM 1900 Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.363 \text{ W/kg}$

**Handheld Right/GSM 1900 Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $6.040 \text{ V/m}$ ; Power Drift =  $-0.05 \text{ dB}$   
 Peak SAR (extrapolated) =  $0.293 \text{ W/kg}$   
**SAR(1 g) =  $0.239 \text{ W/kg}$ ; SAR(10 g) =  $0.147 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $0.259 \text{ W/kg}$



0 dB =  $0.259 \text{ W/kg}$  =  $-5.87 \text{ dBW/kg}$

**Test Plot 10#: PCS 1900\_Handheld Top\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

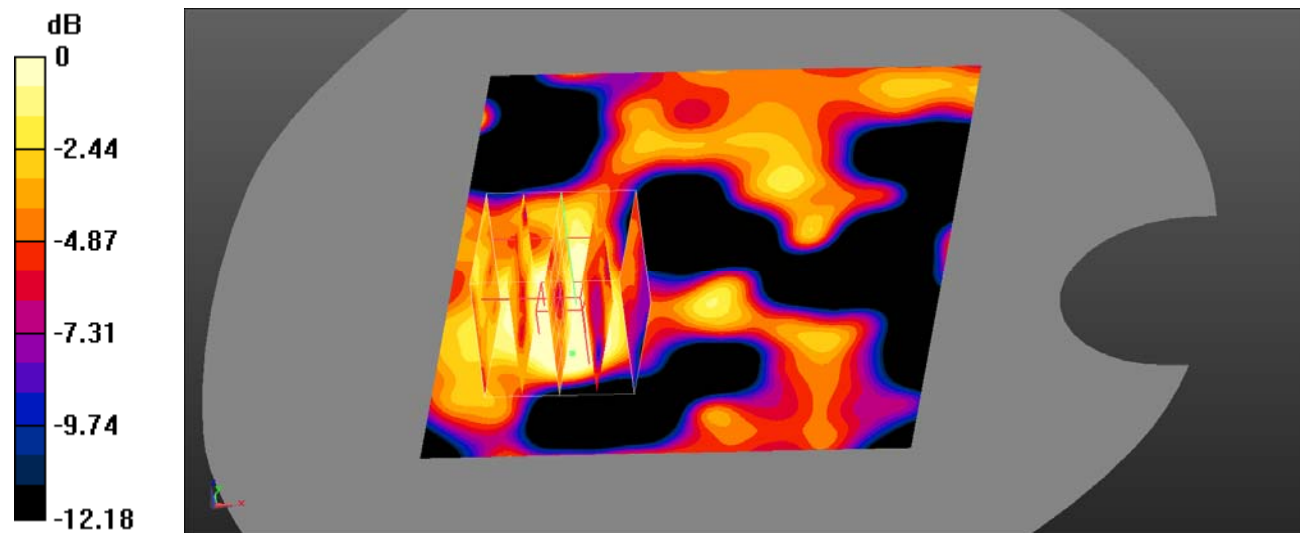
Communication System: UID 0, Generic GPRS-2 slots (0); Frequency: 1880 MHz;Duty Cycle: 1:4  
 Medium parameters used (interpolated):  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.391 \text{ S/m}$ ;  $\epsilon_r = 39.752$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(8.02, 8.02, 8.02) @ 1880 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Top/GSM 1900 Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.0169 \text{ W/kg}$

**Handheld Top/GSM 1900 Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value =  $1.215 \text{ V/m}$ ; Power Drift =  $0.11 \text{ dB}$   
 Peak SAR (extrapolated) =  $0.0210 \text{ W/kg}$   
**SAR(1 g) =  $0.011 \text{ W/kg}$ ; SAR(10 g) =  $0.0056 \text{ W/kg}$**   
 Maximum value of SAR (measured) =  $0.0115 \text{ W/kg}$



0 dB =  $0.0115 \text{ W/kg}$  =  $-19.39 \text{ dBW/kg}$

**Test Plot 11#: WCDMA Band 2\_Body Back\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

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

Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.391$  S/m;  $\epsilon_r = 39.752$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(8.02, 8.02, 8.02) @ 1880 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Body Back/WCDMA Band 2 Mid/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.889 W/kg

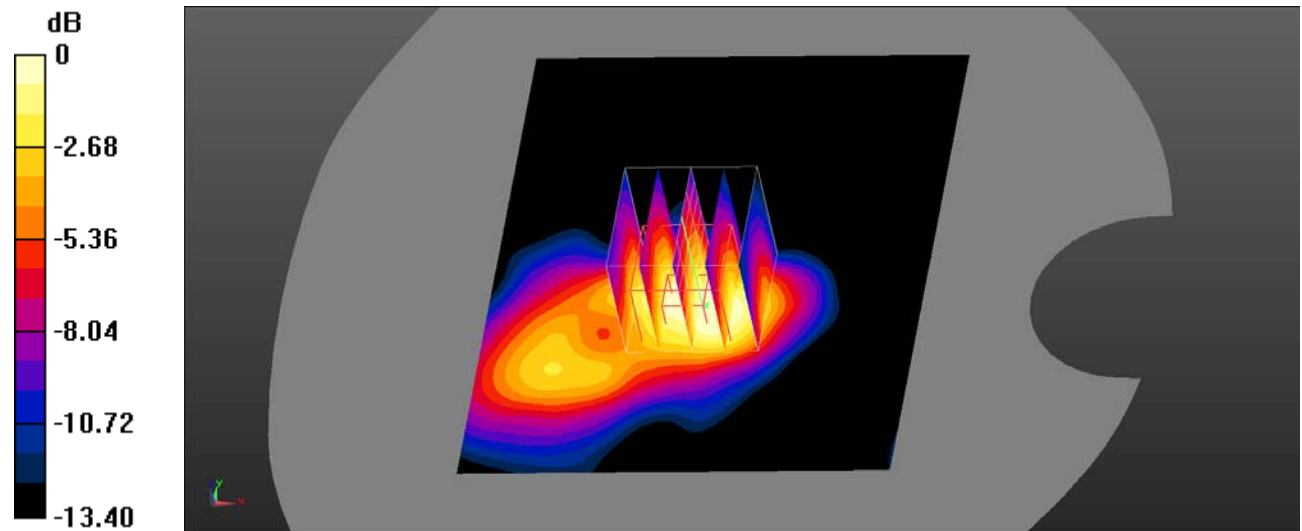
**Body Back/WCDMA Band 2 Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.74 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.834 W/kg

**SAR(1 g) = 0.667 W/kg; SAR(10 g) = 0.409 W/kg**

Maximum value of SAR (measured) = 0.718 W/kg



0 dB = 0.718 W/kg = -1.44 dBW/kg

**Test Plot 12#: WCDMA Band 2\_Handheld Left\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

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

Medium parameters used (interpolated):  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.391 \text{ S/m}$ ;  $\epsilon_r = 39.752$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(8.02, 8.02, 8.02) @ 1880 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Left/WCDMA Band 2 Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.123 \text{ W/kg}$

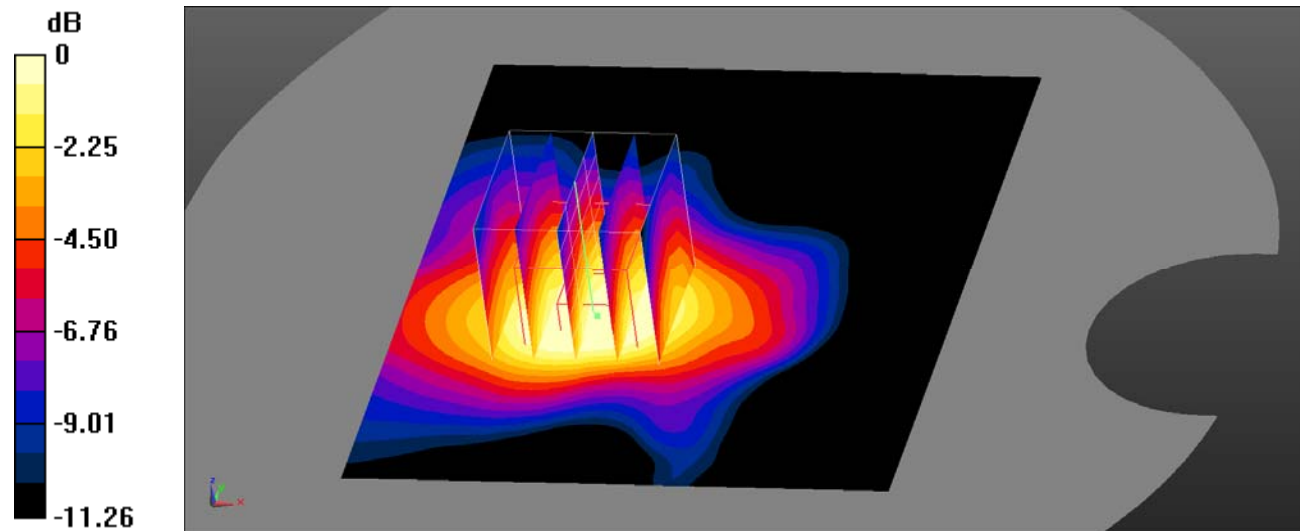
**Handheld Left/WCDMA Band 2 Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $5.246 \text{ V/m}$ ; Power Drift =  $-0.17 \text{ dB}$

Peak SAR (extrapolated) =  $0.101 \text{ W/kg}$

**SAR(1 g) =  $0.085 \text{ W/kg}$ ; SAR(10 g) =  $0.057 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.0935 \text{ W/kg}$



0 dB =  $0.0935 \text{ W/kg}$  =  $-10.29 \text{ dBW/kg}$

**Test Plot 13#: WCDMA Band 2\_Handheld Right\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

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

Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.391$  S/m;  $\epsilon_r = 39.752$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(8.02, 8.02, 8.02) @ 1880 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Right/WCDMA Band 2 Mid/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.931 W/kg

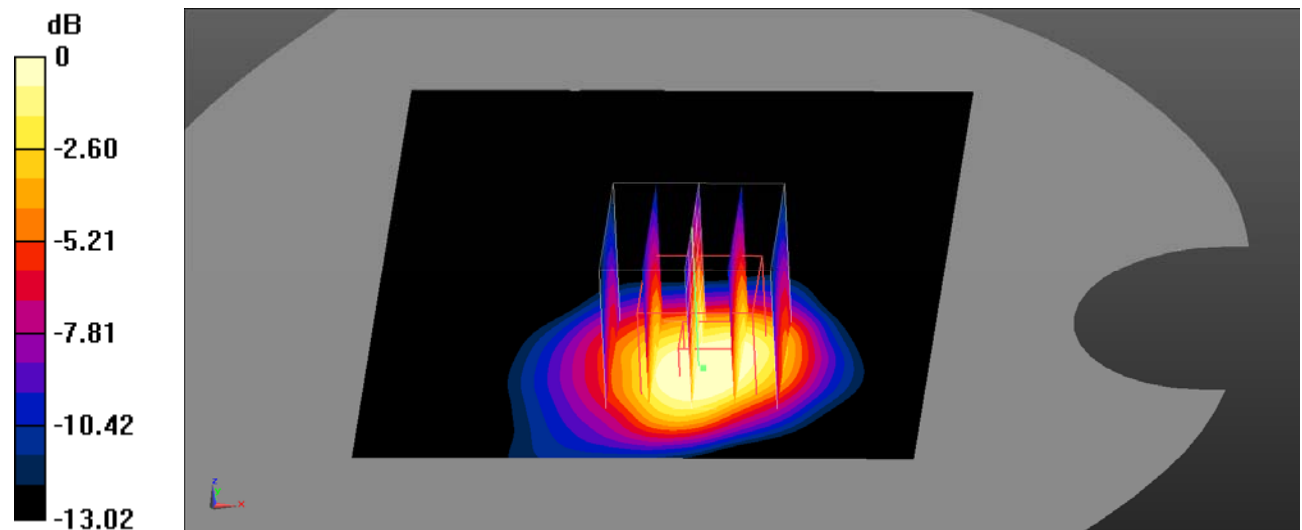
**Handheld Right/WCDMA Band 2 Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.052 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.804 W/kg

**SAR(1 g) = 0.662 W/kg; SAR(10 g) = 0.408 W/kg**

Maximum value of SAR (measured) = 0.738 W/kg



0 dB = 0.738 W/kg = -1.32 dBW/kg

**Test Plot 14#: WCDMA Band 2\_Handheld Top\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

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

Medium parameters used (interpolated):  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.391 \text{ S/m}$ ;  $\epsilon_r = 39.752$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(8.02, 8.02, 8.02) @ 1880 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Top/WCDMA Band 2 Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0370 W/kg

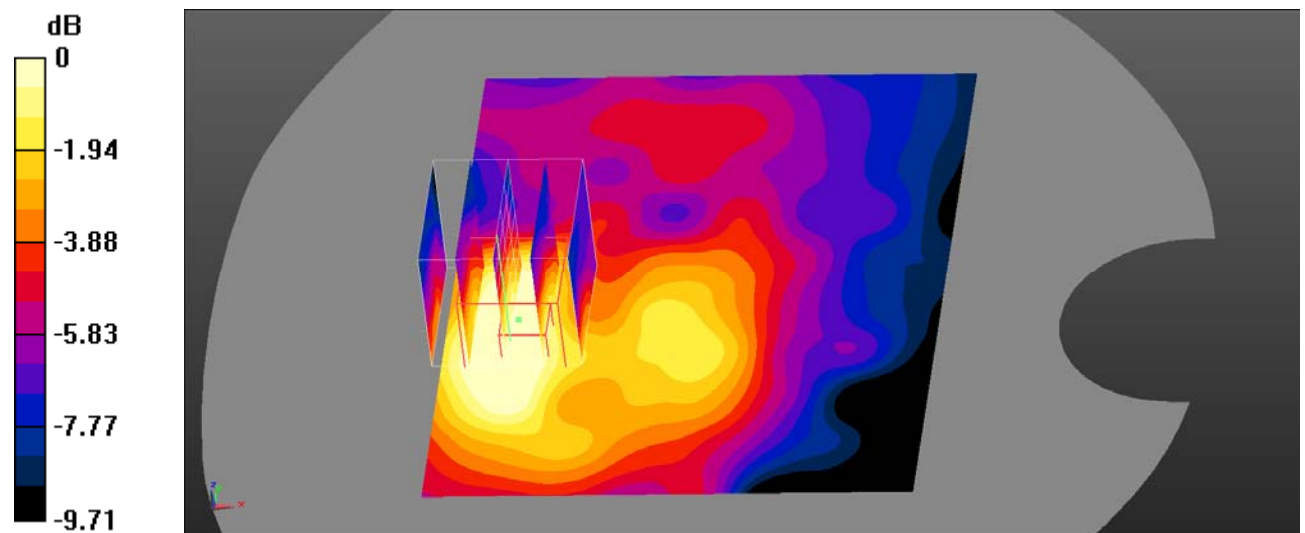
**Handheld Top/WCDMA Band 2 Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 2.955 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.0330 W/kg

**SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.019 W/kg**

Maximum value of SAR (measured) = 0.0290 W/kg



0 dB = 0.0290 W/kg = -15.38 dBW/kg

**Test Plot 15#: WCDMA Band 4\_Body Back\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, WCDMA (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1732.6$  MHz;  $\sigma = 1.367$  S/m;  $\epsilon_r = 41.956$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(8.39, 8.39, 8.39) @ 1732.6 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Body Back/WCDMA Band 4 Mid/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.484 W/kg

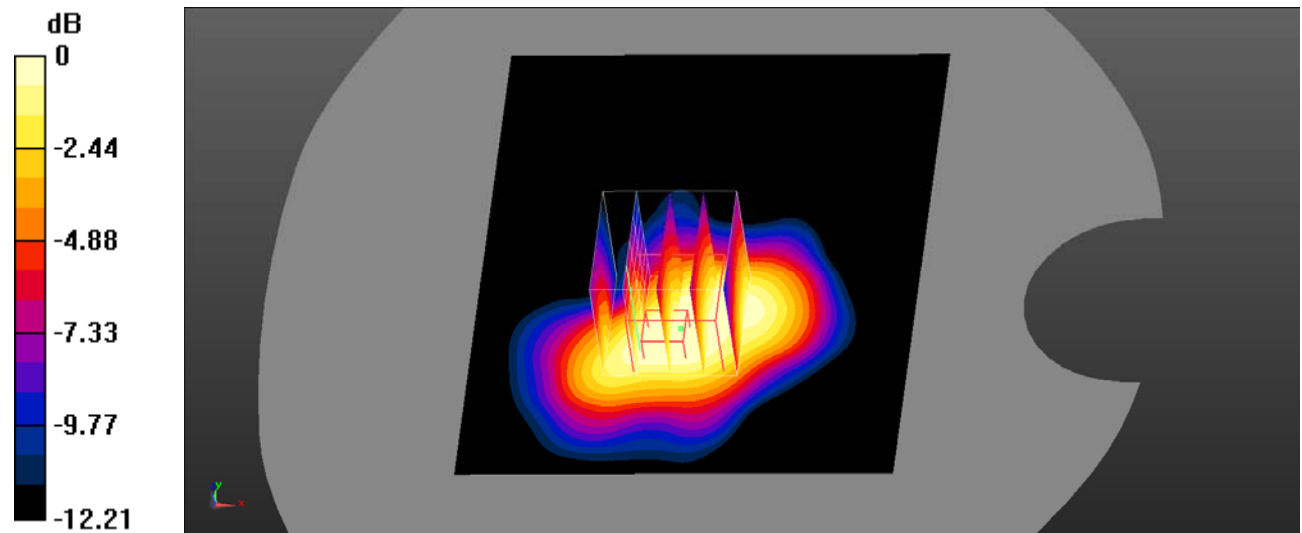
**Body Back/WCDMA Band 4 Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.33 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.395 W/kg

**SAR(1 g) = 0.358 W/kg; SAR(10 g) = 0.246 W/kg**

Maximum value of SAR (measured) = 0.364 W/kg



0 dB = 0.364 W/kg = -4.39 dBW/kg

**Test Plot 16#: WCDMA Band 4\_Handheld Left\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, WCDMA (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1732.6$  MHz;  $\sigma = 1.367$  S/m;  $\epsilon_r = 41.956$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(8.39, 8.39, 8.39) @ 1732.6 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Left/WCDMA Band 4 Mid/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0134 W/kg

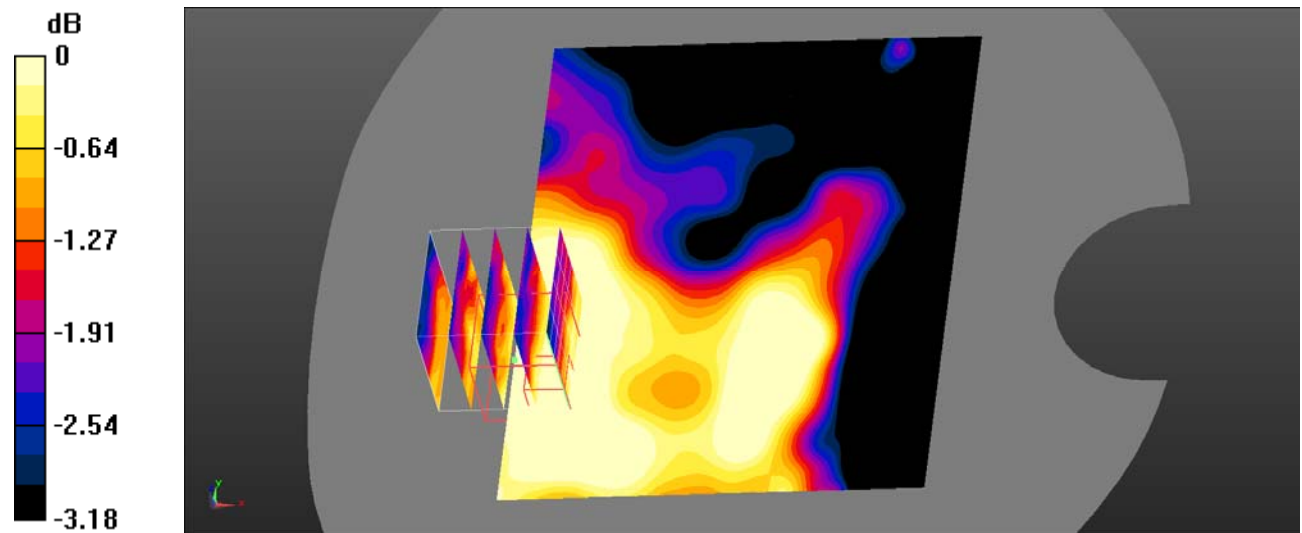
**Handheld Left/WCDMA Band 4 Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.946 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0120 W/kg

**SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00913 W/kg**

Maximum value of SAR (measured) = 0.0109 W/kg



0 dB = 0.0109 W/kg = -19.63 dBW/kg



**Test Plot 17#: WCDMA Band 4\_Handheld Right\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, WCDMA (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1732.6 \text{ MHz}$ ;  $\sigma = 1.367 \text{ S/m}$ ;  $\epsilon_r = 41.956$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(8.39, 8.39, 8.39) @ 1732.6 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Right/WCDMA Band 4 Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0643 W/kg

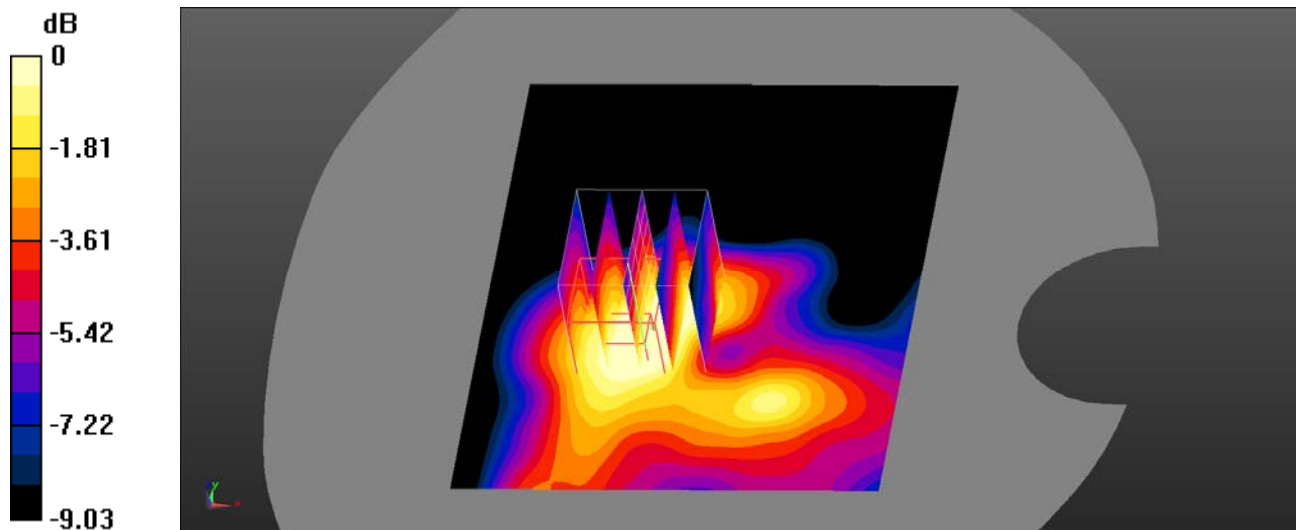
**Handheld Right/WCDMA Band 4 Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 4.730 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.0610 W/kg

**SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.036 W/kg**

Maximum value of SAR (measured) = 0.0531 W/kg



0 dB = 0.0531 W/kg = -12.75 dBW/kg

**Test Plot 18#: WCDMA Band 4\_Handheld Top\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, WCDMA (0); Frequency: 1732.6 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1732.6 \text{ MHz}$ ;  $\sigma = 1.367 \text{ S/m}$ ;  $\epsilon_r = 41.956$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(8.39, 8.39, 8.39) @ 1732.6 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Top/WCDMA Band 4 Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0271 W/kg

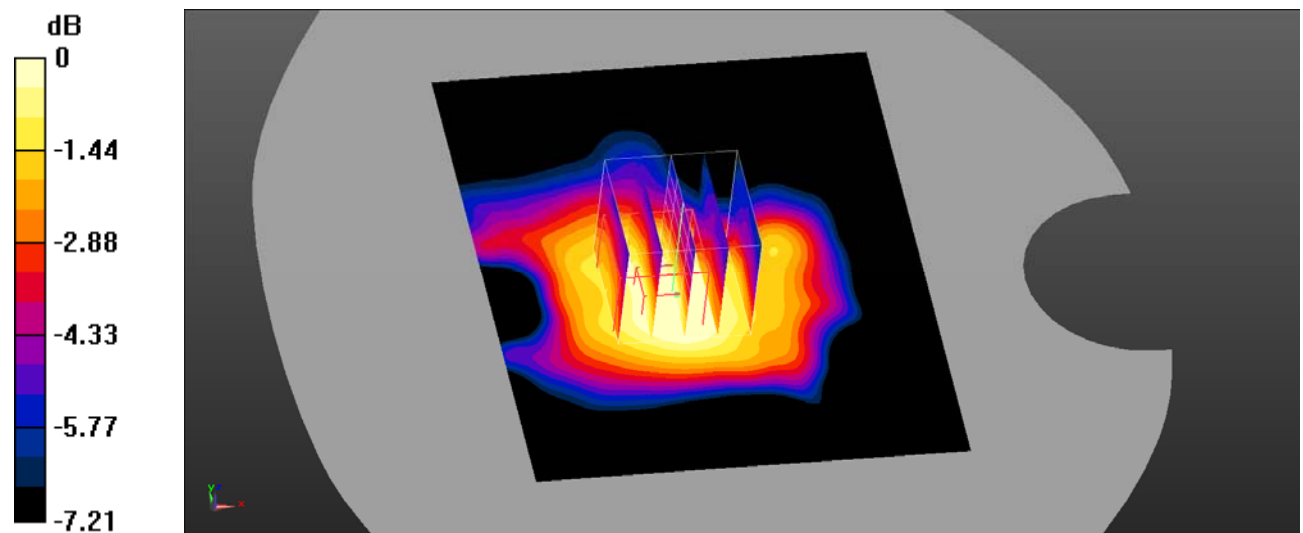
**Handheld Top/WCDMA Band 4 Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 3.645 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.0260 W/kg

**SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.018 W/kg**

Maximum value of SAR (measured) = 0.0250 W/kg



0 dB = 0.0250 W/kg = -16.02 dBW/kg

**Test Plot 19#: WCDMA Band 5\_Body Back\_Low**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

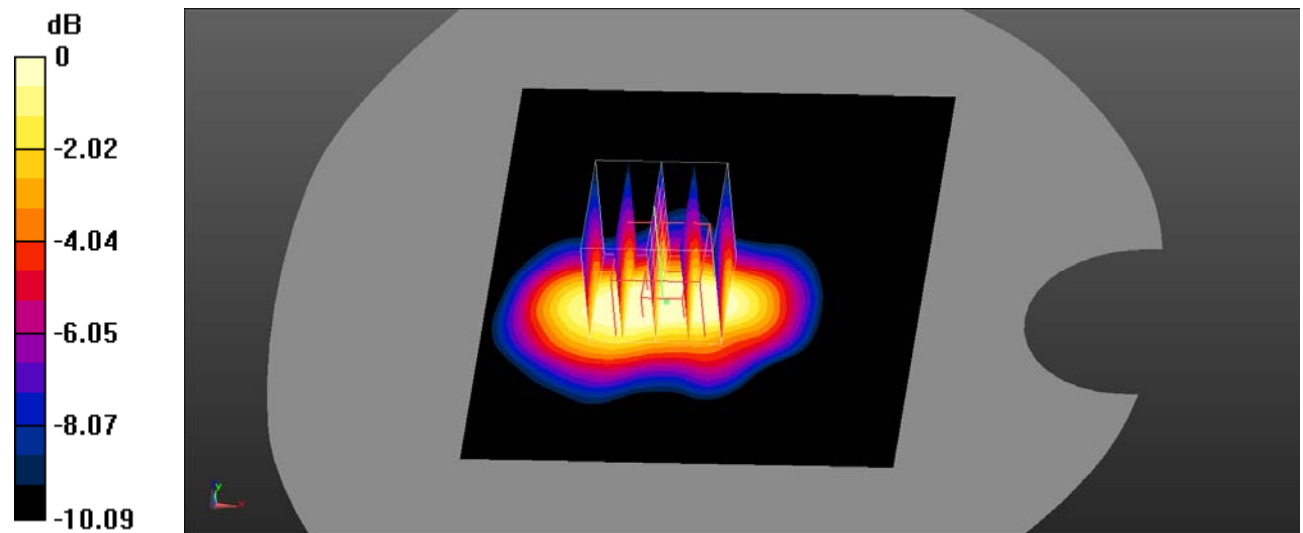
Communication System: UID 0, WCDMA (0); Frequency: 826.4 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 826.4 \text{ MHz}$ ;  $\sigma = 0.883 \text{ S/m}$ ;  $\epsilon_r = 41.408$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 826.4 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Body Back/WCDMA Band 5 Low/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) = 1.42 W/kg

**Body Back/WCDMA Band 5 Low/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 32.35 V/m; Power Drift = -0.10 dB  
 Peak SAR (extrapolated) = 1.31 W/kg  
**SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.698 W/kg**  
 Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg = 0.61 dBW/kg

**Test Plot 20#: WCDMA Band 5\_Body Back\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, WCDMA (0); Frequency: 836.6 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.92 \text{ S/m}$ ;  $\epsilon_r = 42$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 836.6 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Body Back/WCDMA Band 5 Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.56 W/kg

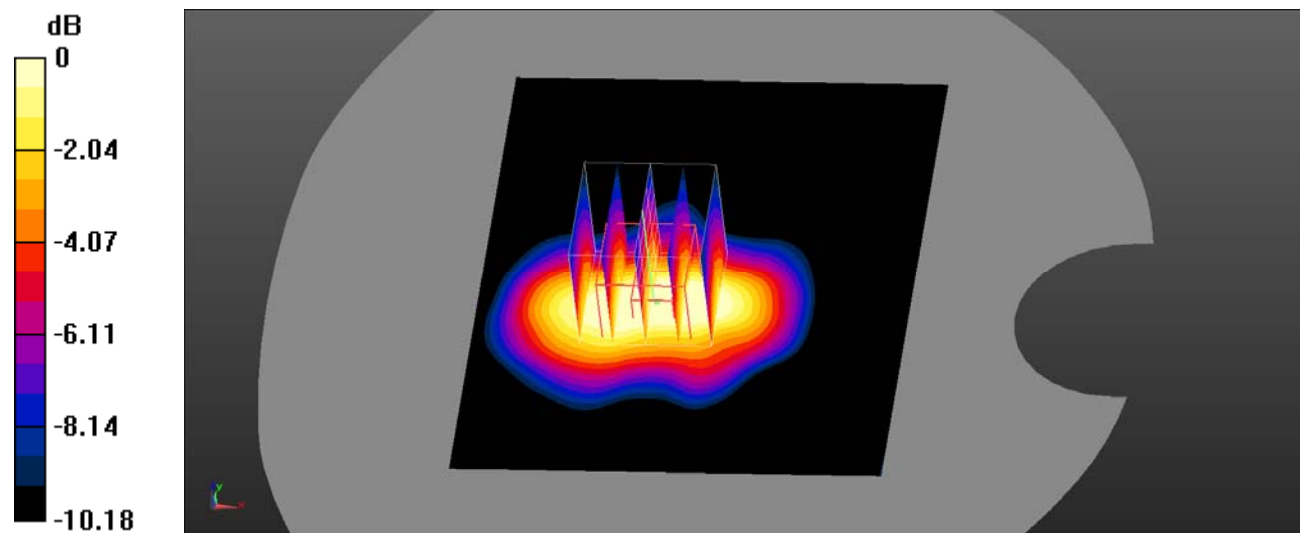
**Body Back/WCDMA Band 5 Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 37.56 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.40 W/kg

**SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.727 W/kg**

Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg = 0.83 dBW/kg

**Test Plot 21#: WCDMA Band 5\_Body Back\_High**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, WCDMA (0); Frequency: 846.6 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 846.6$  MHz;  $\sigma = 0.945$  S/m;  $\epsilon_r = 41.565$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 846.6 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Body Back/WCDMA Band 5 High/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

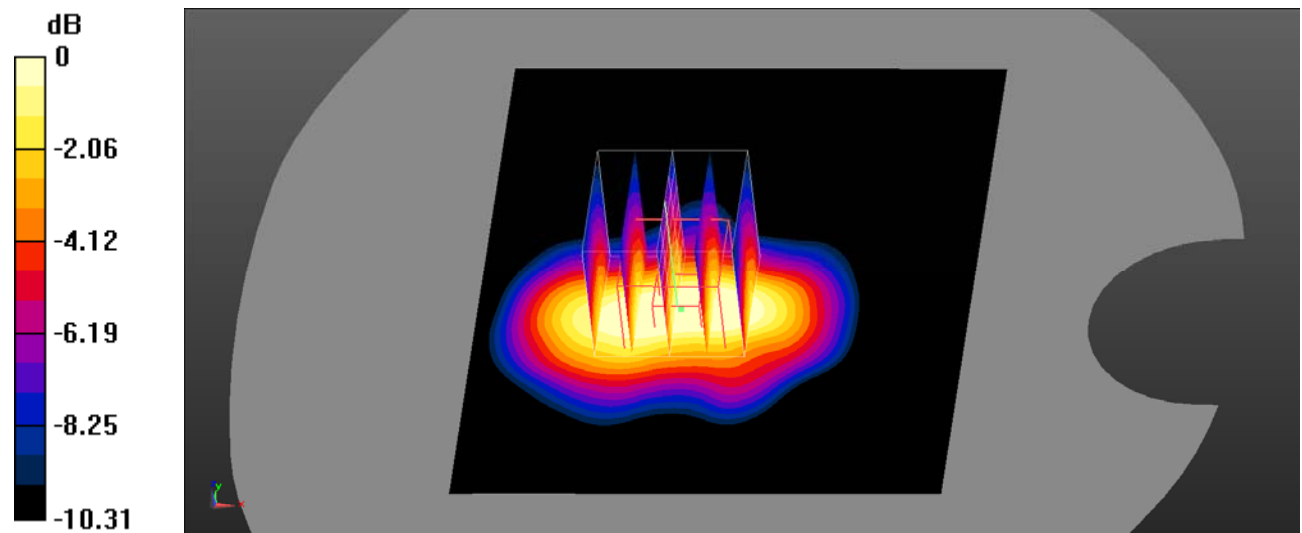
**Body Back/WCDMA Band 5 High/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.02 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.25 W/kg

**SAR(1 g) = 0.995 W/kg; SAR(10 g) = 0.647 W/kg**

Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg = 0.33 dBW/kg

**Test Plot 22#: WCDMA Band 5\_Handheld Left\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

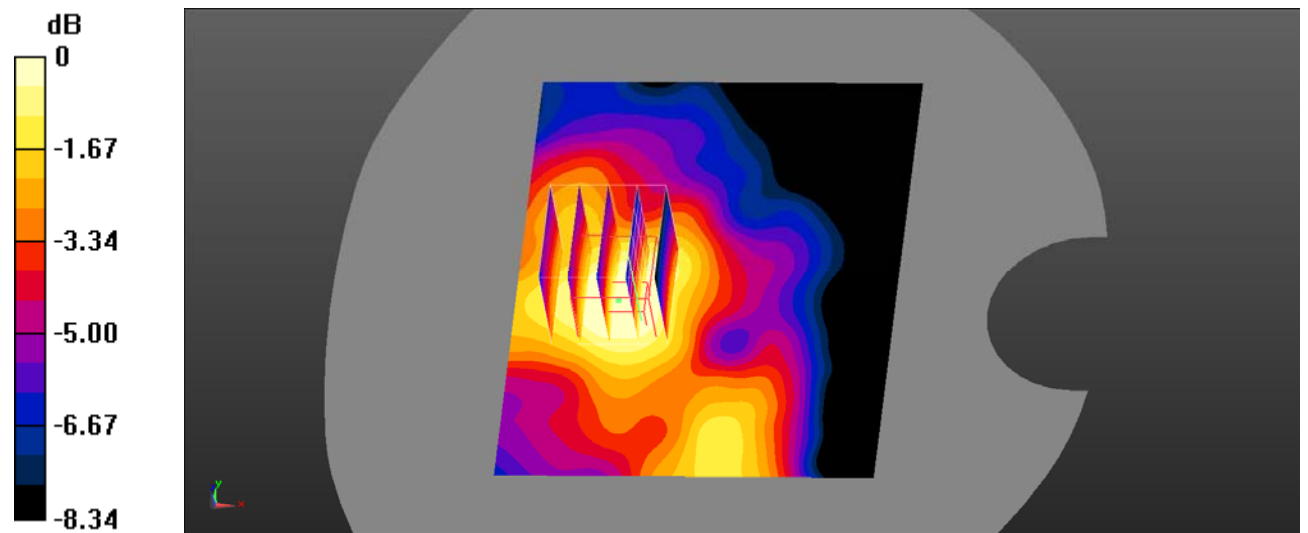
Communication System: UID 0, WCDMA (0); Frequency: 836.6 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.92 \text{ S/m}$ ;  $\epsilon_r = 42$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 836.6 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Left/WCDMA Band 5 Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) = 0.0596 W/kg

**Handheld Left/WCDMA Band 5 Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 4.059 V/m; Power Drift = -0.03 dB  
 Peak SAR (extrapolated) = 0.0480 W/kg  
**SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.028 W/kg**  
 Maximum value of SAR (measured) = 0.0421 W/kg



0 dB = 0.0421 W/kg = -13.76 dBW/kg

**Test Plot 23#: WCDMA Band 5\_Handheld Right\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, WCDMA (0); Frequency: 836.6 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.92 \text{ S/m}$ ;  $\epsilon_r = 42$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 836.6 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Right/WCDMA Band 5 Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.141 \text{ W/kg}$

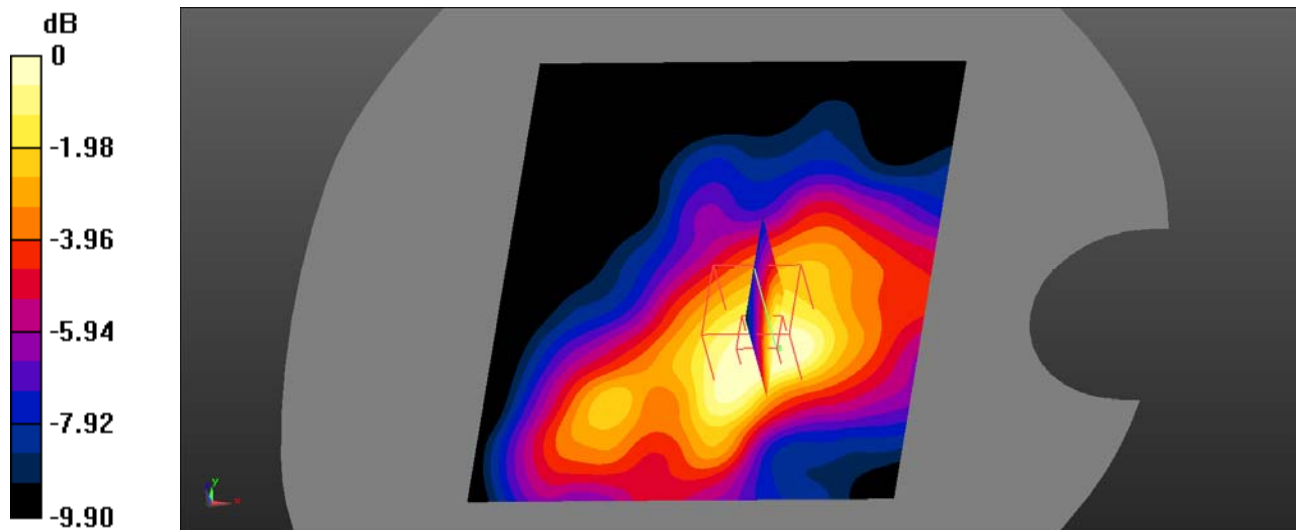
**Handheld Right/WCDMA Band 5 Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $7.863 \text{ V/m}$ ; Power Drift =  $-0.08 \text{ dB}$

Peak SAR (extrapolated) =  $0.145 \text{ W/kg}$

**SAR(1 g) =  $0.115 \text{ W/kg}$ ; SAR(10 g) =  $0.073 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.130 \text{ W/kg}$



0 dB =  $0.130 \text{ W/kg} = -8.86 \text{ dBW/kg}$

**Test Plot 24#: WCDMA Band 5\_HandHeld Top\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, WCDMA (0); Frequency: 836.6 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.92 \text{ S/m}$ ;  $\epsilon_r = 42$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 836.6 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Top/WCDMA Band 5 Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0756 W/kg

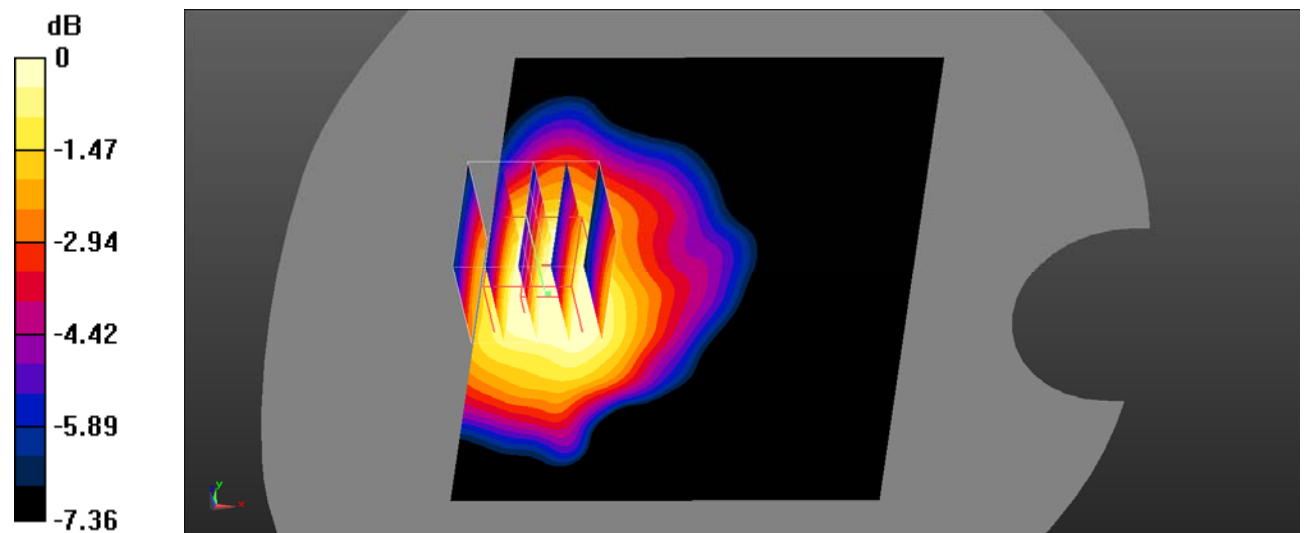
**Handheld Top/WCDMA Band 5 Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 4.403 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.0620 W/kg

**SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.044 W/kg**

Maximum value of SAR (measured) = 0.0608 W/kg



0 dB = 0.0608 W/kg = -12.16 dBW/kg



**Test Plot 25#: LTE Band 25&2\_Body Back\_1RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 1882.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1882.5 \text{ MHz}$ ;  $\sigma = 1.405 \text{ S/m}$ ;  $\epsilon_r = 40.575$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(8.02, 8.02, 8.02) @ 1882.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Body Back/LTE Band 25 1RB Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.841 W/kg

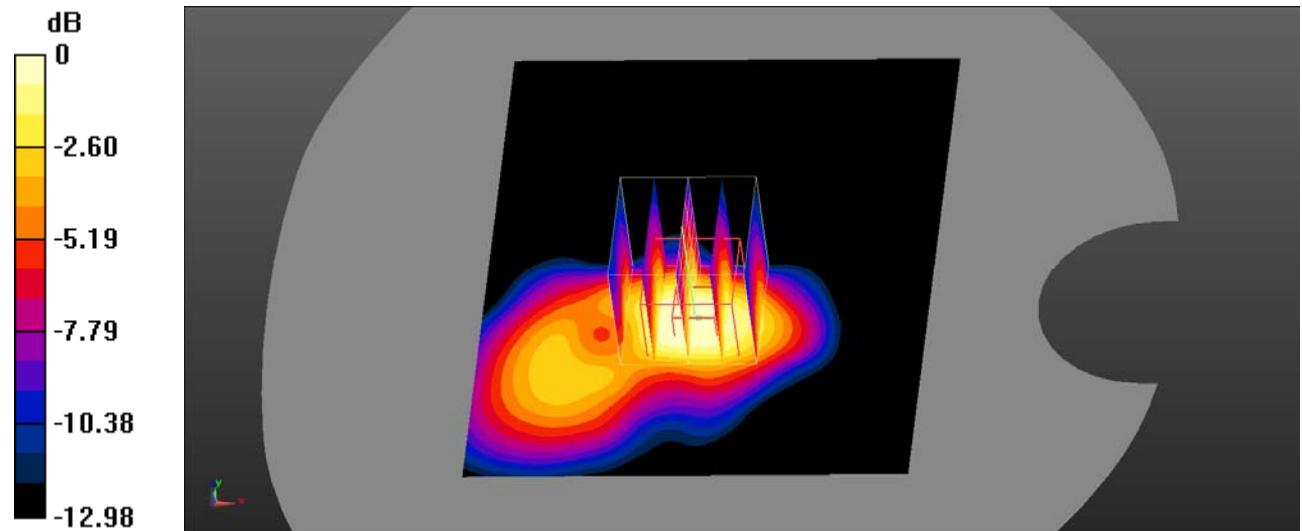
**Body Back/LTE Band 25 1RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 14.85 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.801 W/kg

**SAR(1 g) = 0.645 W/kg; SAR(10 g) = 0.395 W/kg**

Maximum value of SAR (measured) = 0.710 W/kg



0 dB = 0.710 W/kg = -1.49 dBW/kg

**Test Plot 26#: LTE Band 25&2\_Body Back\_50%RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 1882.5 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.405$  S/m;  $\epsilon_r = 40.575$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(8.02, 8.02, 8.02) @ 1882.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Body Back/LTE Band 25 50%RB Mid/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.763 W/kg

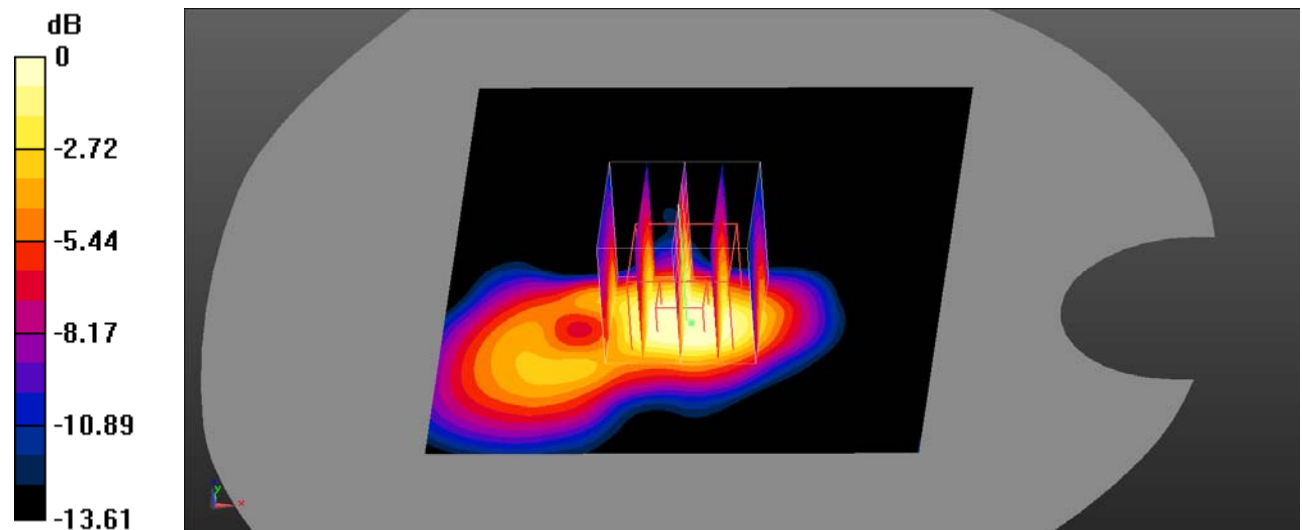
**Body Back/LTE Band 25 50%RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.80 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.716 W/kg

**SAR(1 g) = 0.572 W/kg; SAR(10 g) = 0.345 W/kg**

Maximum value of SAR (measured) = 0.650 W/kg



0 dB = 0.650 W/kg = -1.87 dBW/kg

**Test Plot 27#: LTE Band 25&2\_HandHeld Left\_1RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 1882.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.405$  S/m;  $\epsilon_r = 40.575$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(8.02, 8.02, 8.02) @ 1882.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Left/LTE Band 25 1RB Mid/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

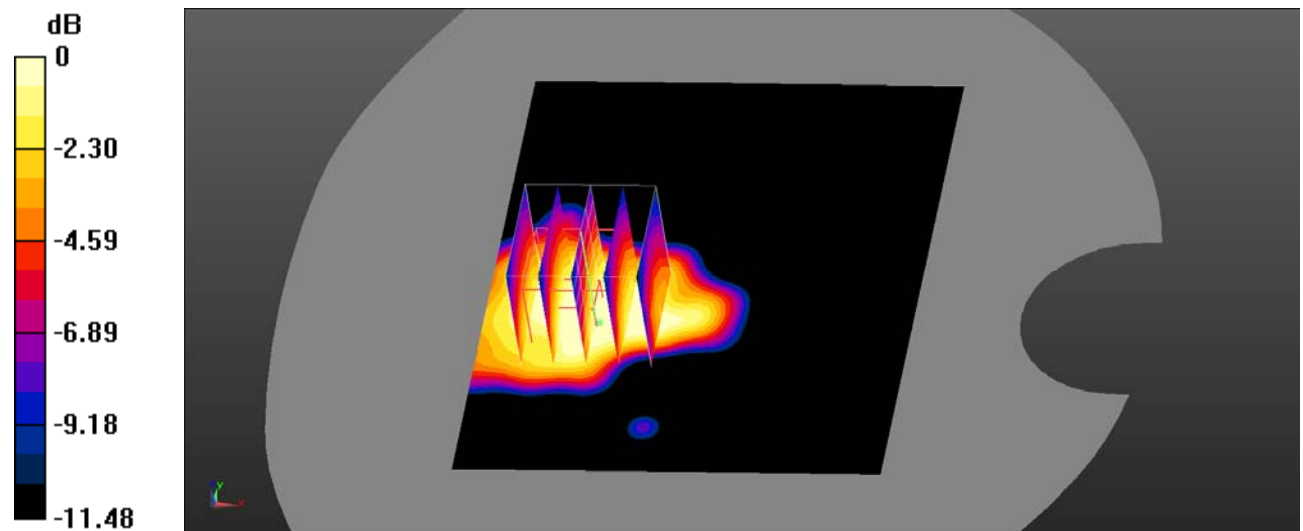
**Handheld Left/LTE Band 25 1RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.655 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0920 W/kg

**SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.054 W/kg**

Maximum value of SAR (measured) = 0.0819 W/kg



0 dB = 0.0819 W/kg = -10.87 dBW/kg

**Test Plot 28#: LTE Band 25&2\_HandHeld Left\_50%RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 1882.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.405$  S/m;  $\epsilon_r = 40.575$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(8.02, 8.02, 8.02) @ 1882.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Left/LTE Band 25 50%RB Mid/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

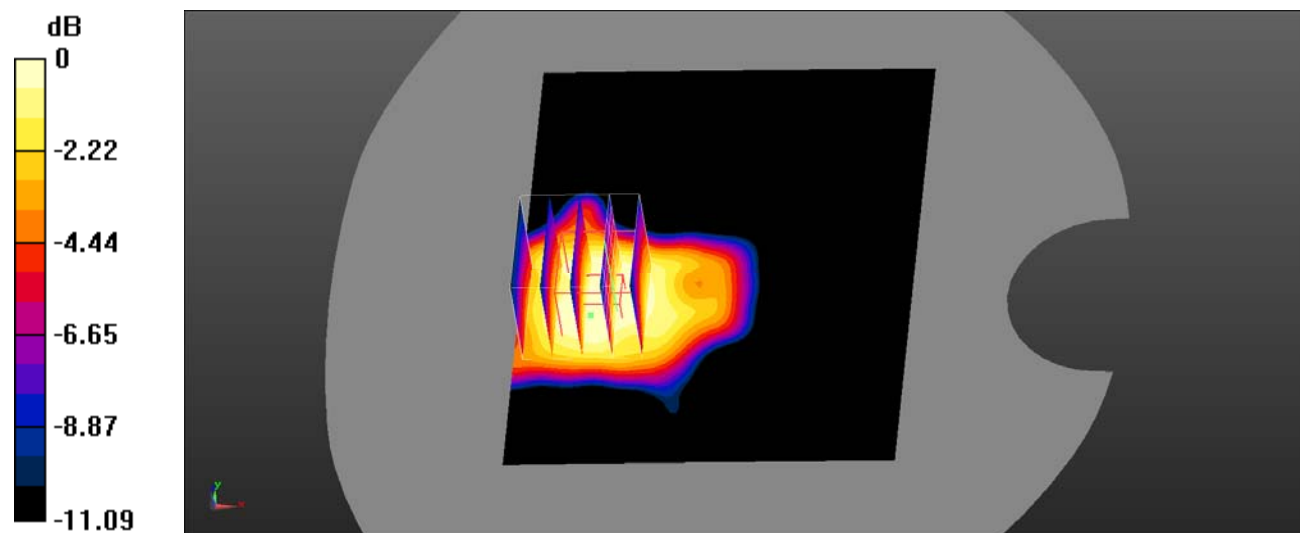
**Handheld Left/LTE Band 25 50%RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.509 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.0710 W/kg

**SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.040 W/kg**

Maximum value of SAR (measured) = 0.0625 W/kg



0 dB = 0.0625 W/kg = -12.04 dBW/kg

**Test Plot 29#: LTE Band 25&2\_HandHeld Right\_1RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 1882.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.405$  S/m;  $\epsilon_r = 40.575$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(8.02, 8.02, 8.02) @ 1882.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Right/LTE Band 25 1RB Mid/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.877 W/kg

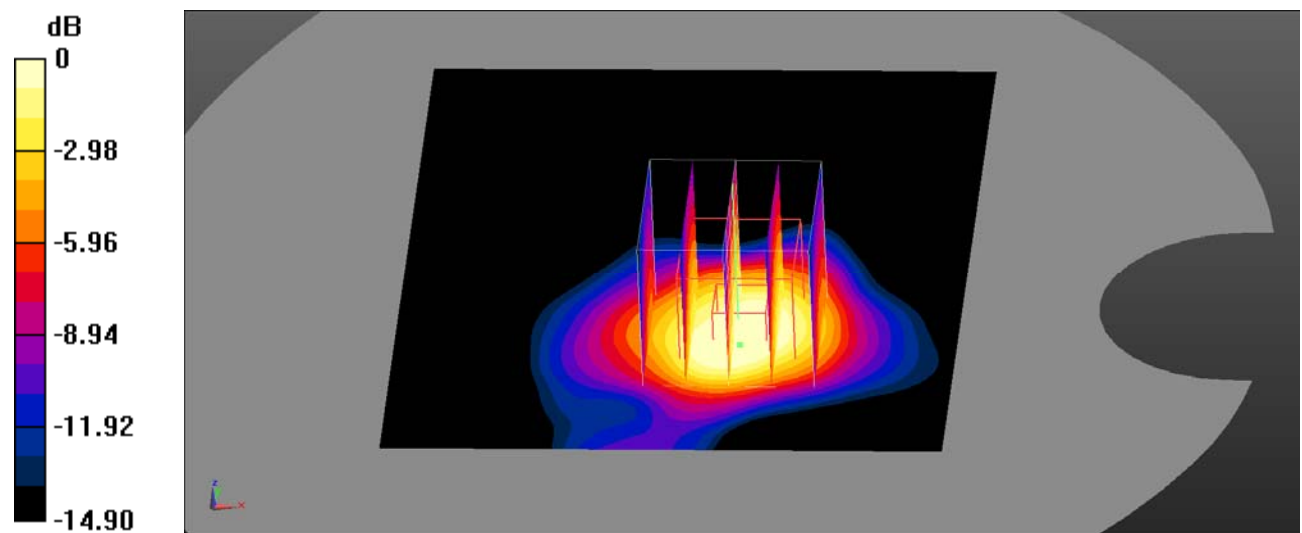
**Handheld Right/LTE Band 25 1RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.08 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.800 W/kg

**SAR(1 g) = 0.640 W/kg; SAR(10 g) = 0.393 W/kg**

Maximum value of SAR (measured) = 0.714 W/kg



0 dB = 0.714 W/kg = -1.46 dBW/kg

**Test Plot 30#: LTE Band 25&2\_HandHeld Right\_50%RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 1882.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.405$  S/m;  $\epsilon_r = 40.575$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(8.02, 8.02, 8.02) @ 1882.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Right/LTE Band 25 50%RB Mid/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm.  
Maximum value of SAR (interpolated) = 0.694 W/kg

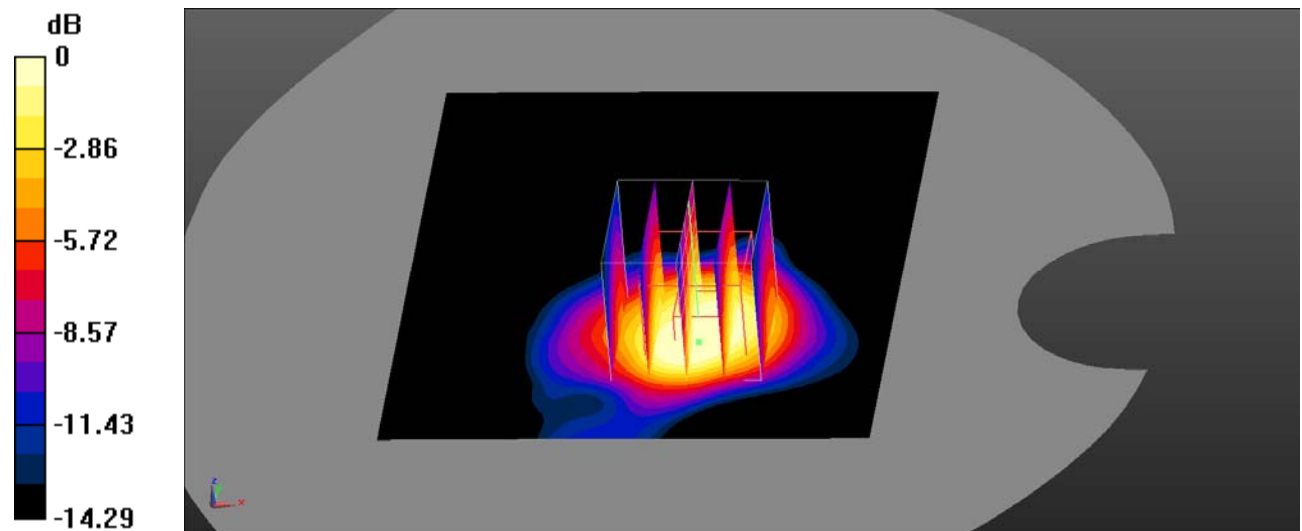
**Handheld Right/LTE Band 25 50%RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.386 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.650 W/kg

**SAR(1 g) = 0.518 W/kg; SAR(10 g) = 0.317 W/kg**

Maximum value of SAR (measured) = 0.563 W/kg



0 dB = 0.563 W/kg = -2.49 dBW/kg

**Test Plot 31#: LTE Band 25&2\_HandHeld Top\_1RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 1882.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.405$  S/m;  $\epsilon_r = 40.575$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(8.02, 8.02, 8.02) @ 1882.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Top/LTE Band 25 1RB Mid/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0372 W/kg

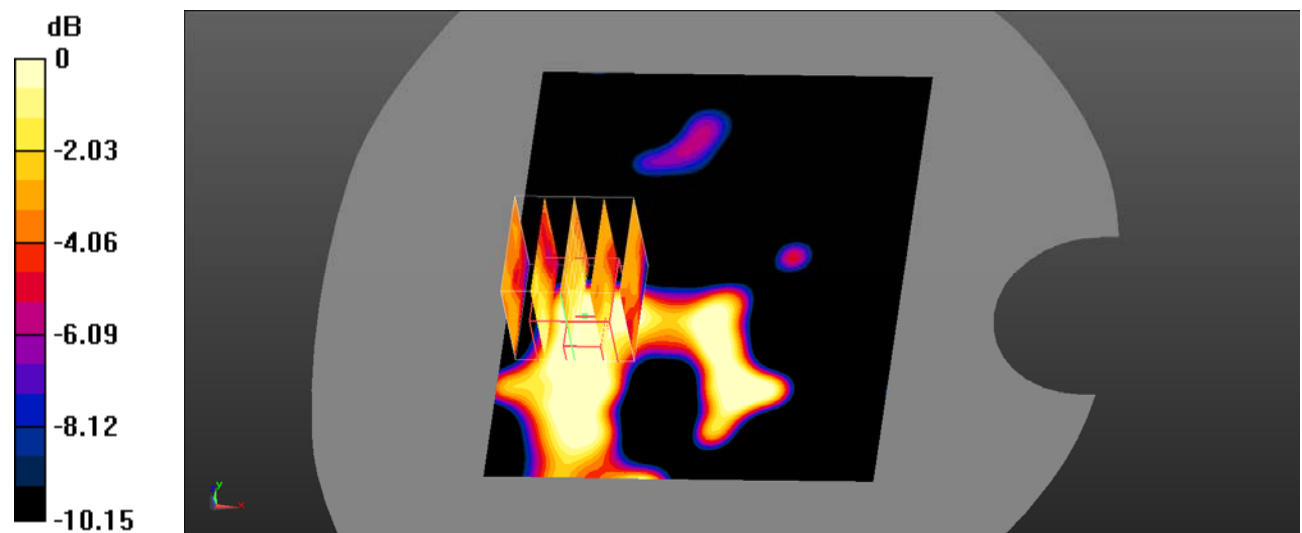
**Handheld Top/LTE Band 25 1RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.031 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0210 W/kg

**SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.010 W/kg**

Maximum value of SAR (measured) = 0.0147 W/kg



0 dB = 0.0147 W/kg = -18.33 dBW/kg

**Test Plot 32#: LTE Band 25&2\_HandHeld Top\_50%RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 1882.5 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1882.5 \text{ MHz}$ ;  $\sigma = 1.405 \text{ S/m}$ ;  $\epsilon_r = 40.575$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(8.02, 8.02, 8.02) @ 1882.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Top/LTE Band 25 50%RB Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) = 0.0829 W/kg

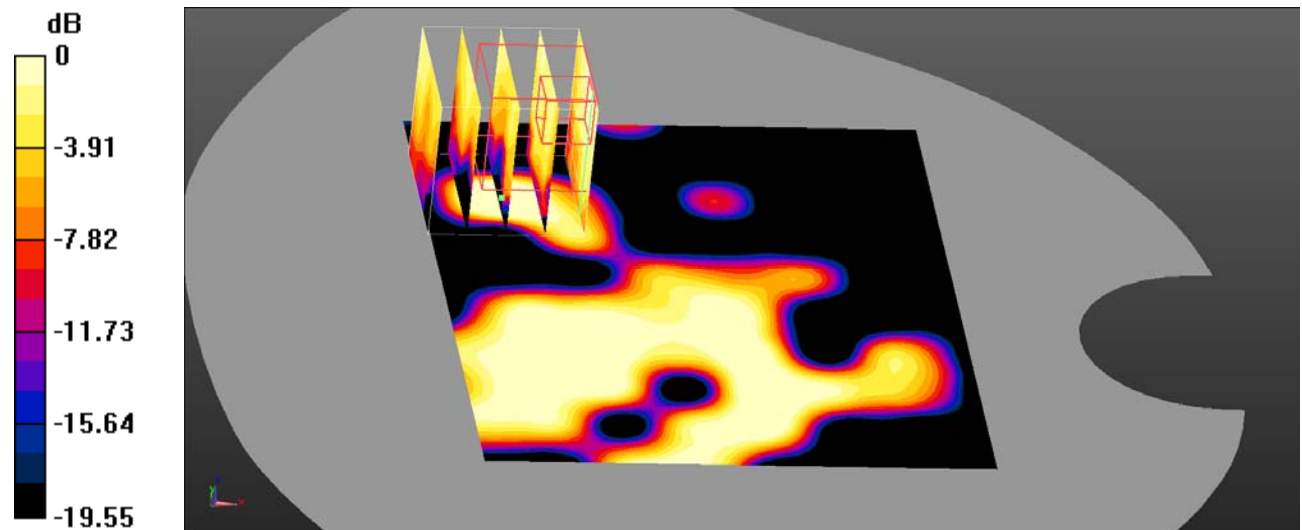
**Handheld Top/LTE Band 25 50%RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 2.038 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0110 W/kg

**SAR(1 g) = 0.00547 W/kg; SAR(10 g) = 0.00167 W/kg**

Maximum value of SAR (measured) = 0.00887 W/kg



0 dB = 0.00887 W/kg = -20.52 dBW/kg



**Test Plot 33#: LTE Band 4\_Body Back\_1RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.367 \text{ S/m}$ ;  $\epsilon_r = 41.956$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(8.39, 8.39, 8.39) @ 1732.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Body Back/LTE Band 4 1RB Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.519 W/kg

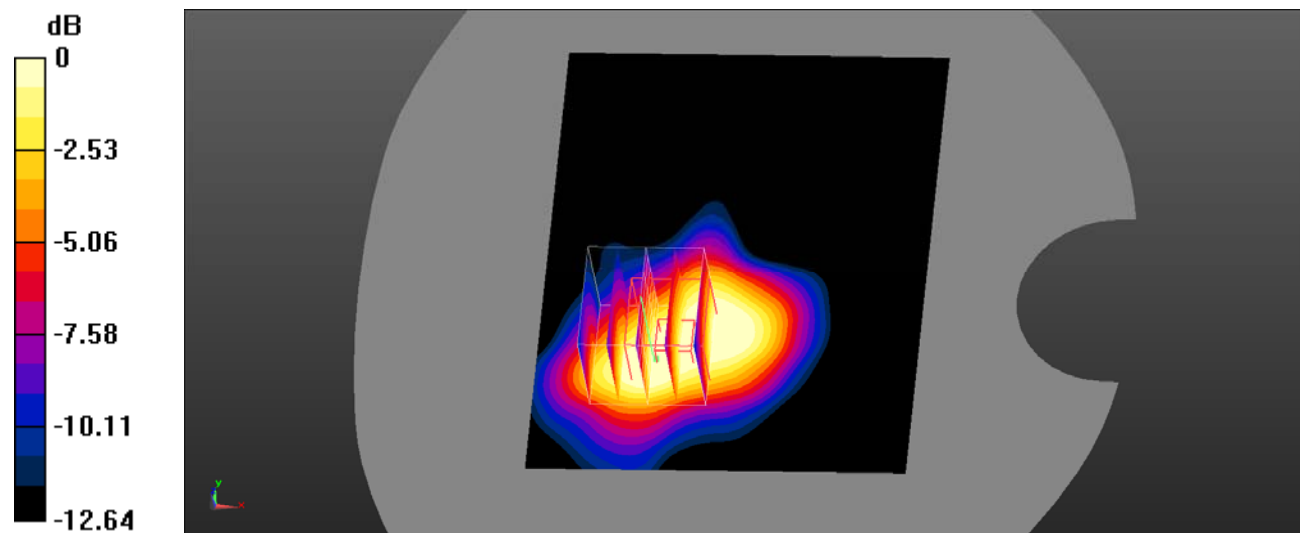
**Body Back/LTE Band 4 1RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 11.01 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.442 W/kg

**SAR(1 g) = 0.402 W/kg; SAR(10 g) = 0.278 W/kg**

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



0 dB = 0.422 W/kg = -3.75 dBW/kg

**Test Plot 34#: LTE Band 4\_Body Back\_50%RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.367 \text{ S/m}$ ;  $\epsilon_r = 41.956$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(8.39, 8.39, 8.39) @ 1732.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Body Back/LTE Band 4 50%RB Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.371 W/kg

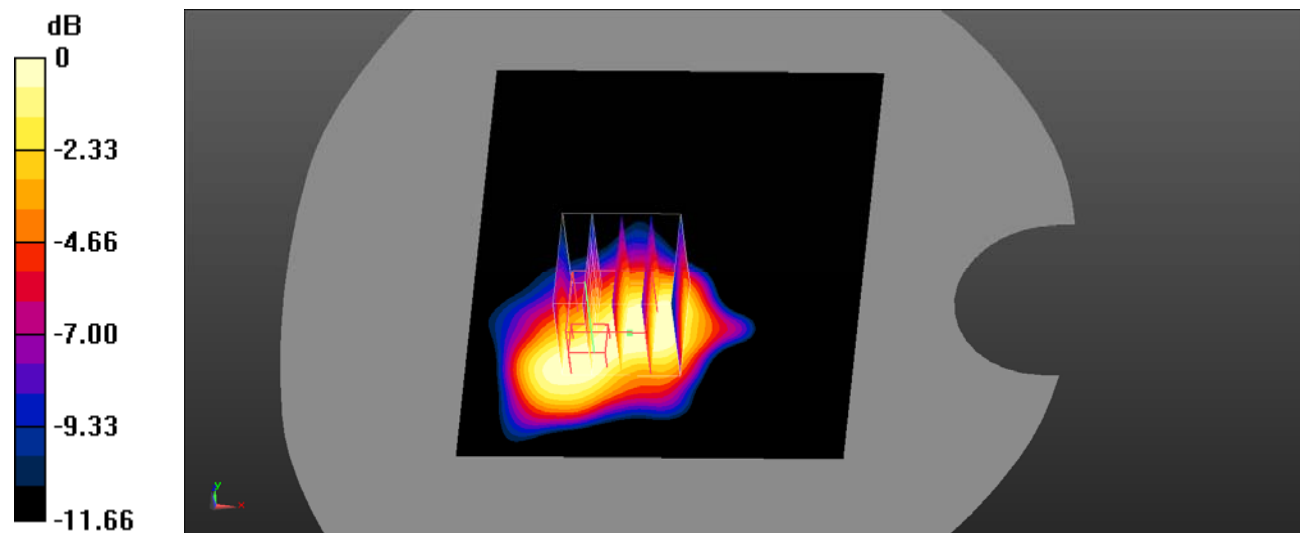
**Body Back/LTE Band 4 50%RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 9.156 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.338 W/kg

**SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.205 W/kg**

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



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

**Test Plot 35#: LTE Band 4\_HandHeld Left\_1RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

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

Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.367$  S/m;  $\epsilon_r = 41.956$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(8.39, 8.39, 8.39) @ 1732.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Left/LTE Band 4 1RB Mid/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0552 W/kg

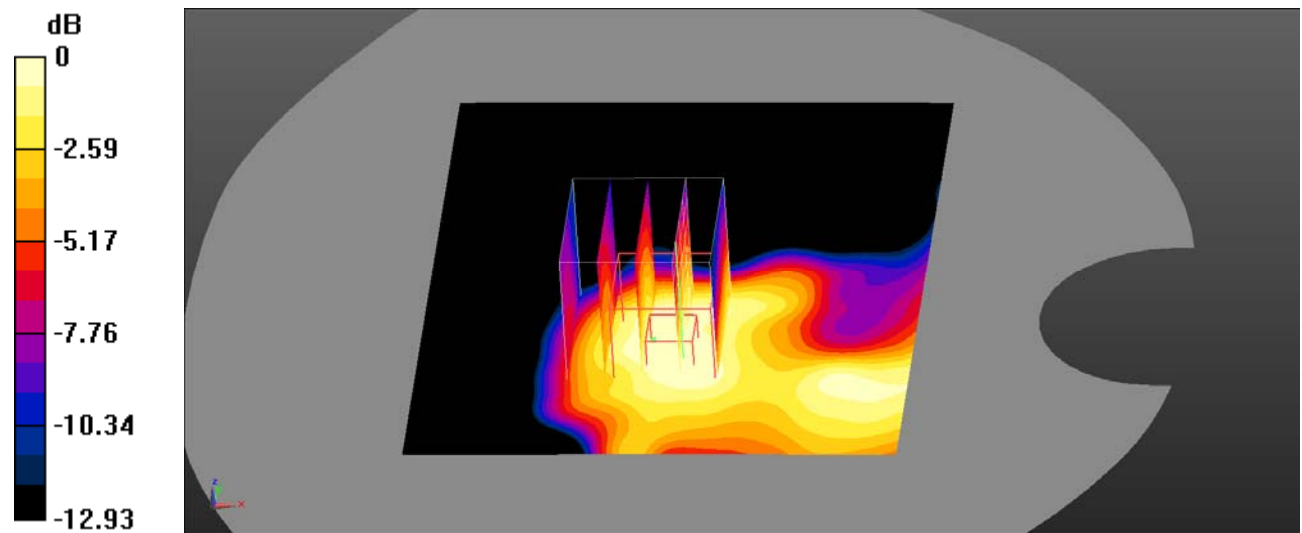
**Handheld Left/LTE Band 4 1RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.294 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.0570 W/kg

**SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.032 W/kg**

Maximum value of SAR (measured) = 0.0518 W/kg



0 dB = 0.0518 W/kg = -12.86 dBW/kg

**Test Plot 36#: LTE Band 4\_HandHeld Left\_50%RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

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

Medium parameters used (interpolated):  $f = 1732.5 \text{ MHz}$ ;  $\sigma = 1.367 \text{ S/m}$ ;  $\epsilon_r = 41.956$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(8.39, 8.39, 8.39) @ 1732.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Left/LTE Band 4 50%RB Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) = 0.0454 W/kg

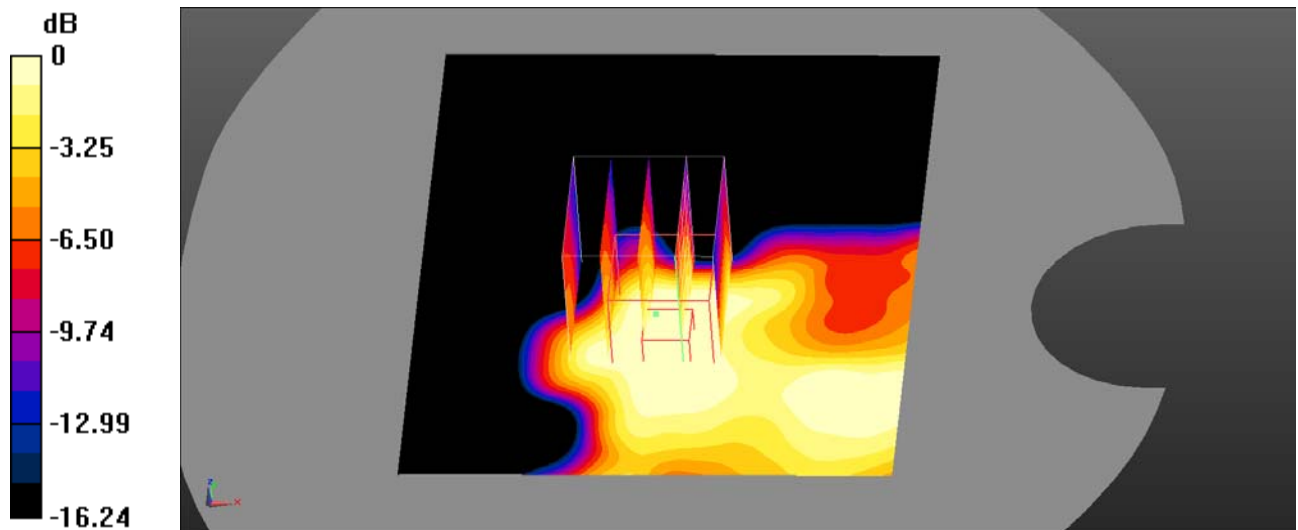
**Handheld Left/LTE Band 4 50%RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 3.554 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.0400 W/kg

**SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.020 W/kg**

Maximum value of SAR (measured) = 0.0338 W/kg



0 dB = 0.0338 W/kg = -14.71 dBW/kg

**Test Plot 37#: LTE Band 4\_HandHeld Right\_1RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.367$  S/m;  $\epsilon_r = 41.956$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(8.39, 8.39, 8.39) @ 1732.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Right/LTE Band 4 1RB Mid/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.0669 W/kg

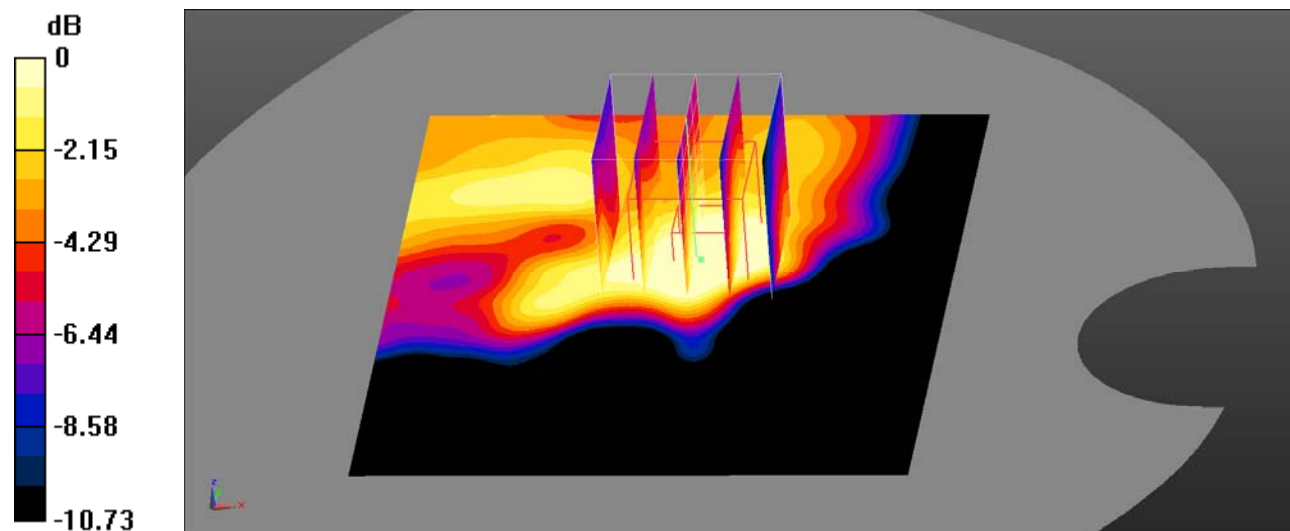
**Handheld Right/LTE Band 4 1RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.896 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.0410 W/kg

**SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.026 W/kg**

Maximum value of SAR (measured) = 0.0383 W/kg



0 dB = 0.0383 W/kg = -14.17 dBW/kg

**Test Plot 38#: LTE Band 4\_HandHeld Right\_50%RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

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

Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.367$  S/m;  $\epsilon_r = 41.956$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(8.39, 8.39, 8.39) @ 1732.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Right/LTE Band 4 50%RB Mid/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.0550 W/kg

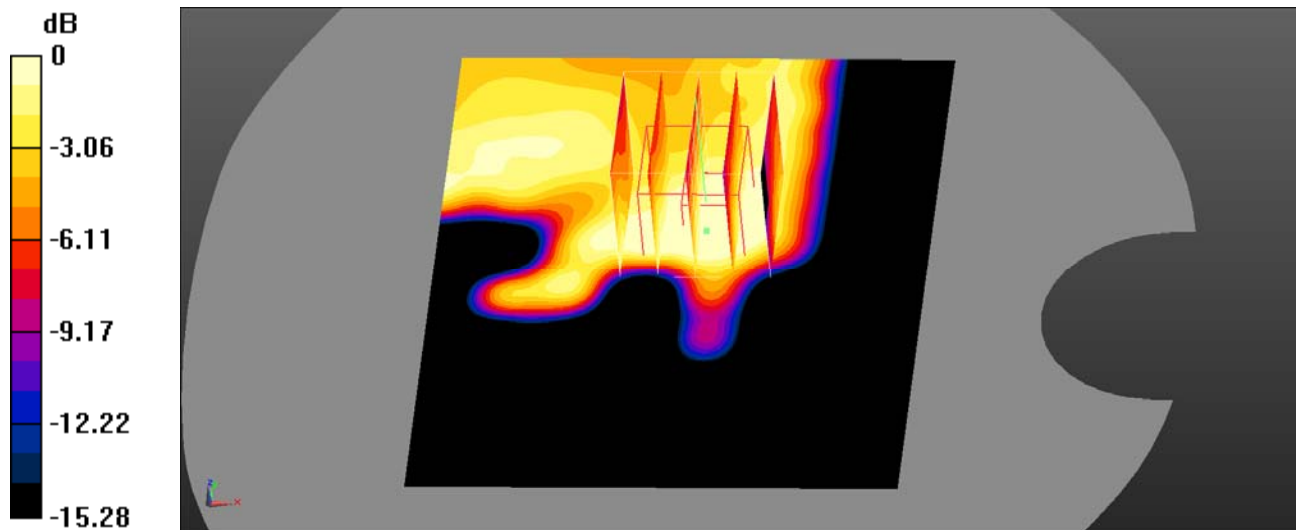
**Handheld Right/LTE Band 4 50%RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.308 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.0320 W/kg

**SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.019 W/kg**

Maximum value of SAR (measured) = 0.0287 W/kg



0 dB = 0.0287 W/kg = -15.42 dBW/kg

**Test Plot 39#: LTE Band 4\_HandHeld Top\_1RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.367$  S/m;  $\epsilon_r = 41.956$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(8.39, 8.39, 8.39) @ 1732.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Top/LTE Band 4 1RB Mid/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0317 W/kg

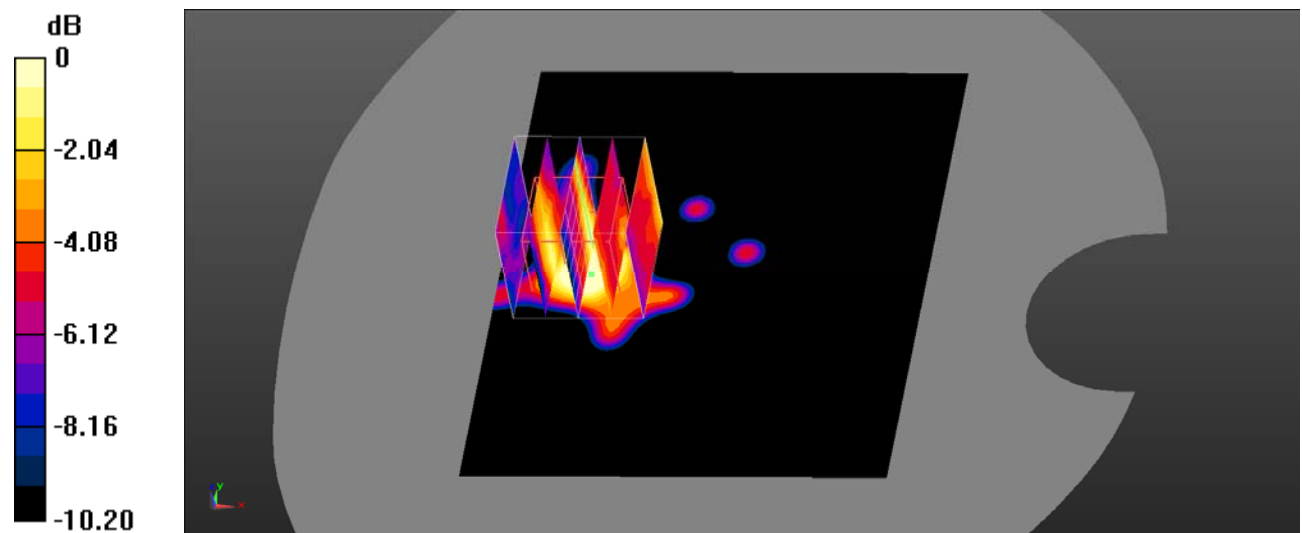
**Handheld Top/LTE Band 4 1RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.419 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.0210 W/kg

**SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00899 W/kg**

Maximum value of SAR (measured) = 0.0195 W/kg



0 dB = 0.0195 W/kg = -17.10 dBW/kg

**Test Plot 40#: LTE Band 4\_Hand Held Top\_50%RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

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

Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.367$  S/m;  $\epsilon_r = 41.956$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(8.39, 8.39, 8.39) @ 1732.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Top/LTE Band 4 50%RB Mid/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.0113 W/kg

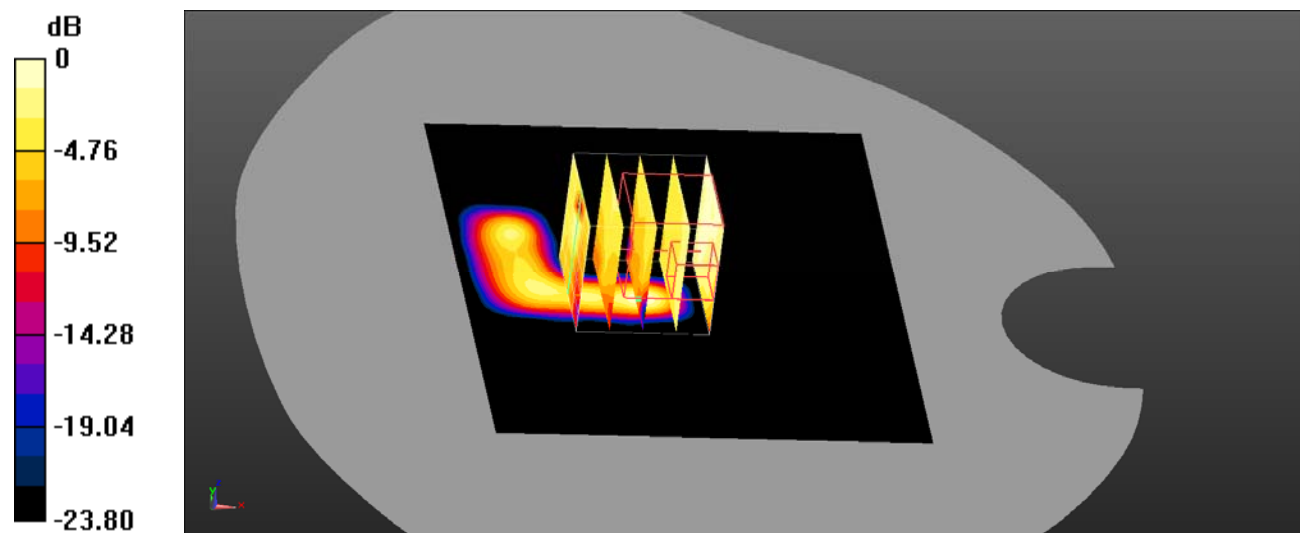
**Handheld Top/LTE Band 4 50%RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.661 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.0120 W/kg

**SAR(1 g) = 0.00719 W/kg; SAR(10 g) = 0.0052 W/kg**

Maximum value of SAR (measured) = 0.0115 W/kg



0 dB = 0.0115 W/kg = -19.39 dBW/kg



**Test Plot 41#: LTE Band 26&5\_Body Back\_1RB\_Low**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

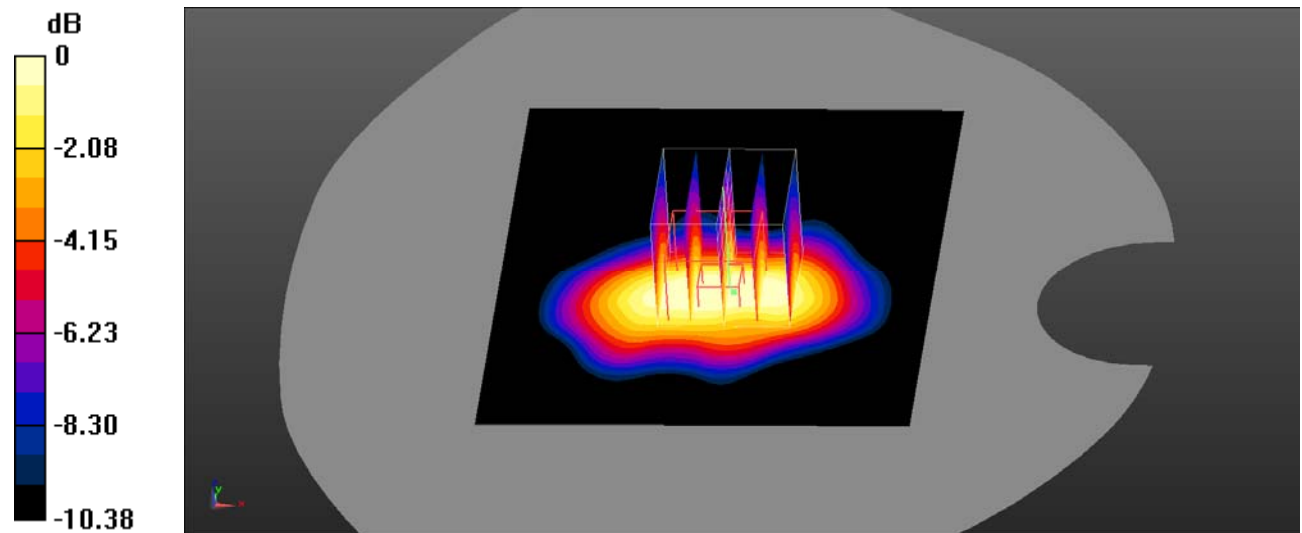
Communication System: UID 0, Generic FDD-LTE (0); Frequency: 821.5 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 821.5 \text{ MHz}$ ;  $\sigma = 0.881 \text{ S/m}$ ;  $\epsilon_r = 42.313$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 821.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Body Back/LTE Band 26 1RB Low/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) = 1.06 W/kg

**Body Back/LTE Band 26 1RB Low/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 30.85 V/m; Power Drift = -0.06 dB  
 Peak SAR (extrapolated) = 1.11 W/kg  
**SAR(1 g) = 0.862 W/kg; SAR(10 g) = 0.568 W/kg**  
 Maximum value of SAR (measured) = 0.921 W/kg



0 dB = 0.921 W/kg = -0.36 dBW/kg

**Test Plot 42#: LTE Band 26&5\_Body Back\_1RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 831.5 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 831.5 \text{ MHz}$ ;  $\sigma = 0.898 \text{ S/m}$ ;  $\epsilon_r = 41.448$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 831.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Body Back/LTE Band 26 1RB Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.19 W/kg

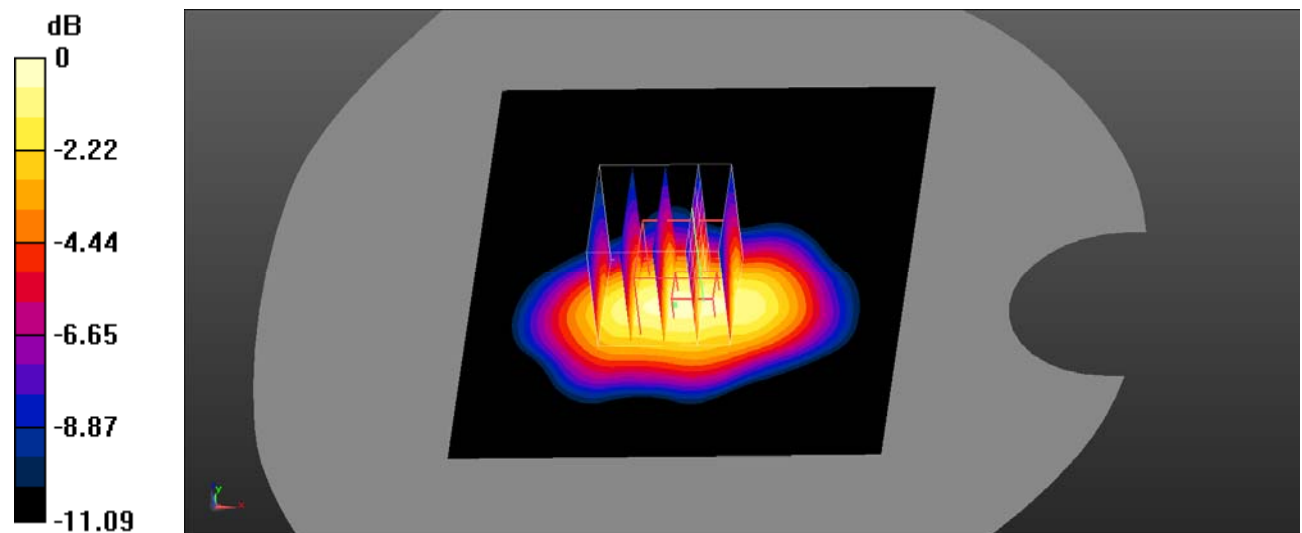
**Body Back/LTE Band 26 1RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 35.47 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.53 W/kg

**SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.734 W/kg**

Maximum value of SAR (measured) = 1.30 W/kg



0 dB = 1.30 W/kg = 1.14 dBW/kg

**Test Plot 43#: LTE Band 26&5\_Body Back\_1RB\_High**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

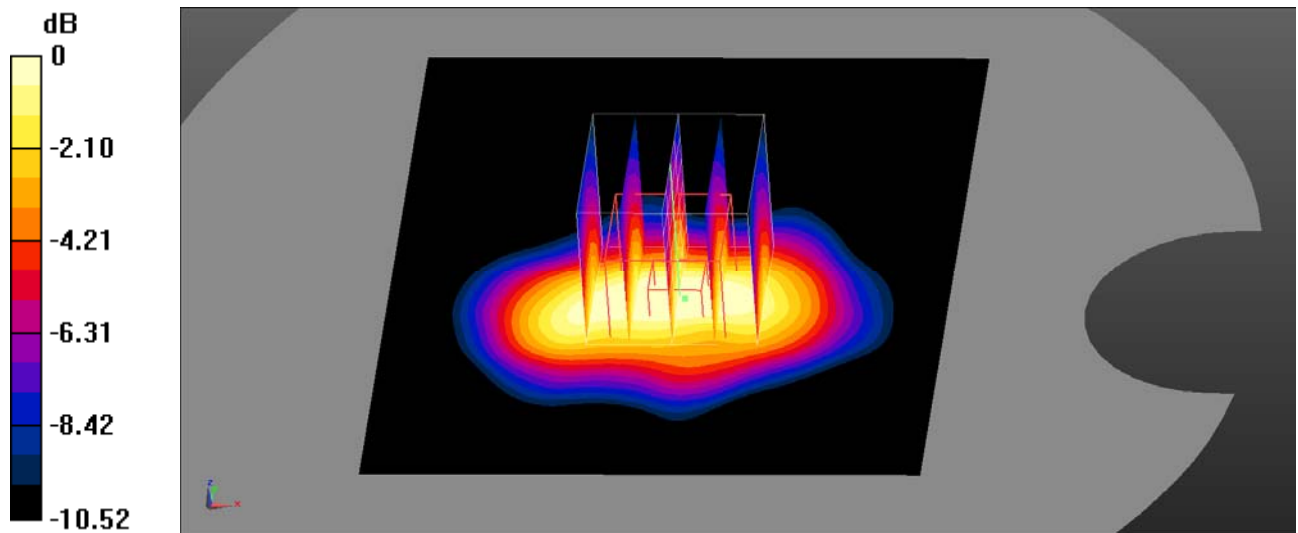
Communication System: UID 0, Generic FDD-LTE (0); Frequency: 841.5 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 841.5 \text{ MHz}$ ;  $\sigma = 0.935 \text{ S/m}$ ;  $\epsilon_r = 42.674$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 841.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Body Back/LTE Band 26 1RB High/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) = 1.44 W/kg

**Body Back/LTE Band 26 1RB High/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 37.11 V/m; Power Drift = -0.17 dB  
 Peak SAR (extrapolated) = 1.58 W/kg  
**SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.772 W/kg**  
 Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.28 W/kg = 1.07 dBW/kg

**Test Plot 44#: LTE Band 26&5\_Body Back\_50%RB\_Low**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 821.5 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 821.5 \text{ MHz}$ ;  $\sigma = 0.881 \text{ S/m}$ ;  $\epsilon_r = 42.313$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 821.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Body Back/LTE Band 26 50%RB Low/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.910 \text{ W/kg}$

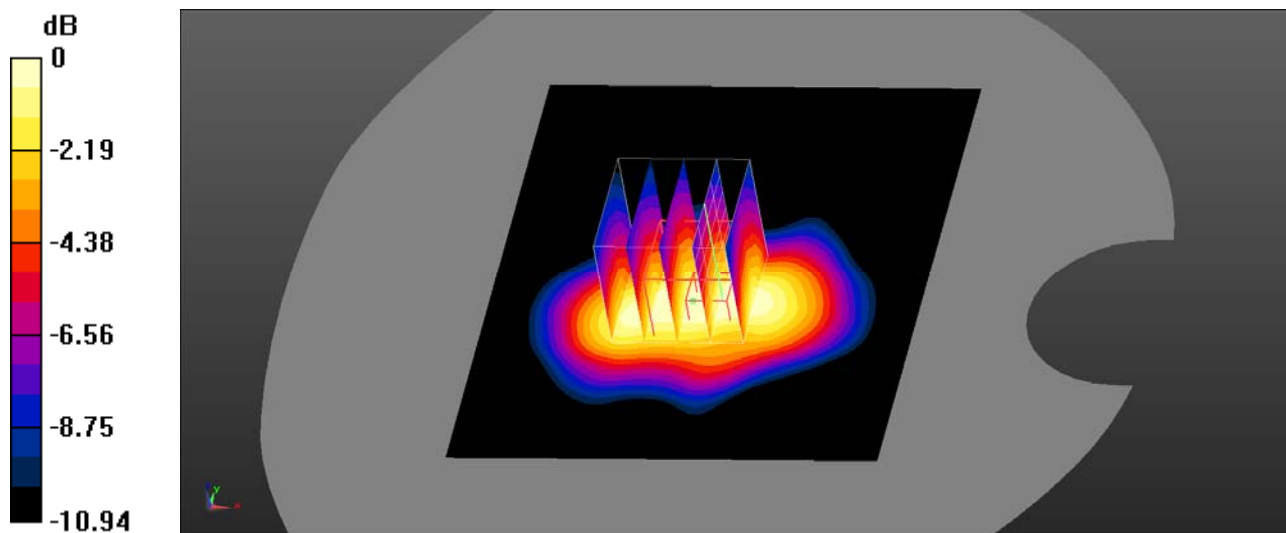
**Body Back/LTE Band 26 50%RB Low/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $27.78 \text{ V/m}$ ; Power Drift =  $-0.05 \text{ dB}$

Peak SAR (extrapolated) =  $0.977 \text{ W/kg}$

**SAR(1 g) =  $0.756 \text{ W/kg}$ ; SAR(10 g) =  $0.492 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.813 \text{ W/kg}$



0 dB =  $0.813 \text{ W/kg} = -0.90 \text{ dBW/kg}$

**Test Plot 45#: LTE Band 26&5\_Body Back\_50%RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 831.5 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 831.5 \text{ MHz}$ ;  $\sigma = 0.898 \text{ S/m}$ ;  $\epsilon_r = 41.448$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 831.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Body Back/LTE Band 26 50%RB Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.09 W/kg

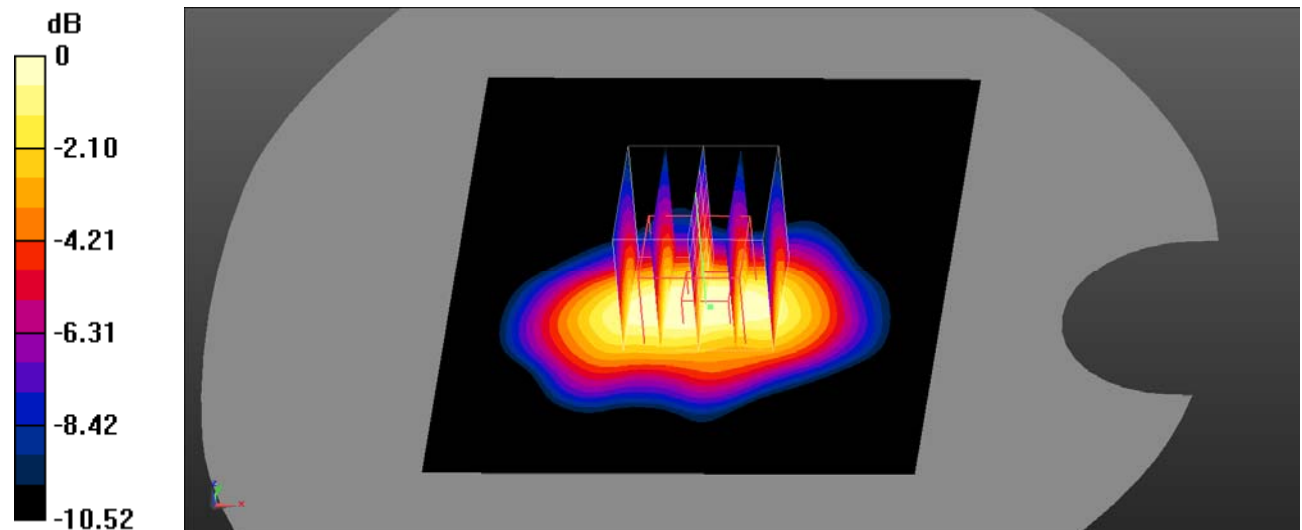
**Body Back/LTE Band 26 50%RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 31.11 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.898 W/kg; SAR(10 g) = 0.582 W/kg**

Maximum value of SAR (measured) = 0.982 W/kg



0 dB = 0.982 W/kg = -0.08 dBW/kg

**Test Plot 46#: LTE Band 26&5\_Body Back\_50%RB\_High**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 841.5 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 841.5 \text{ MHz}$ ;  $\sigma = 0.935 \text{ S/m}$ ;  $\epsilon_r = 42.674$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 841.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Body Back/LTE Band 26 50%RB High/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) = 1.15 W/kg

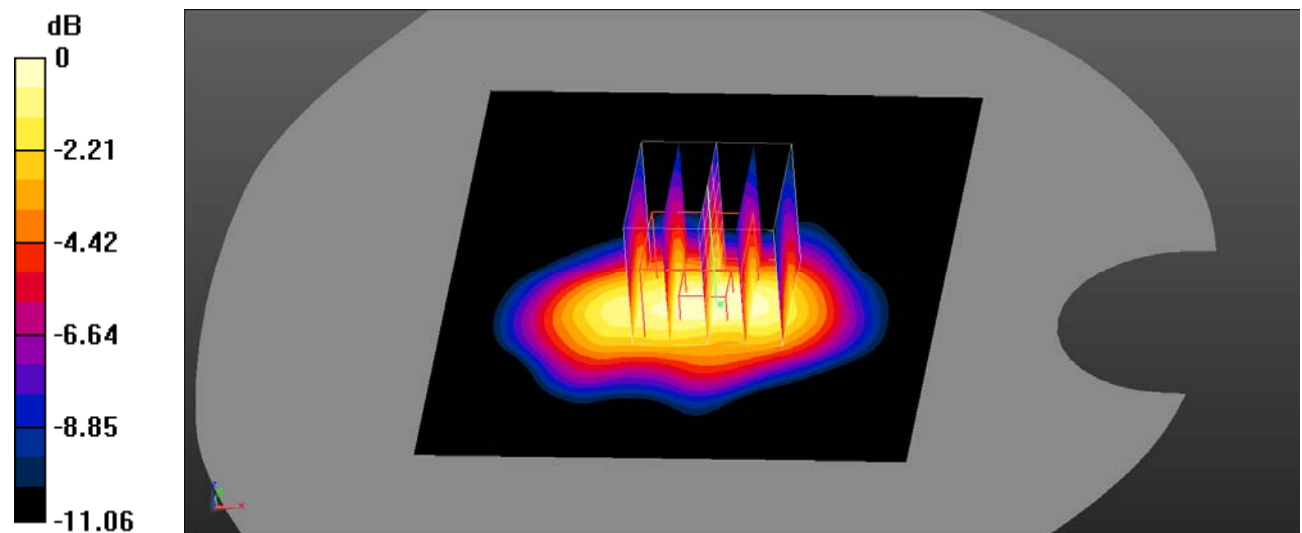
**Body Back/LTE Band 26 50%RB High/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 31.90 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.30 W/kg

**SAR(1 g) = 0.985 W/kg; SAR(10 g) = 0.632 W/kg**

Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.07 W/kg = 0.29 dBW/kg

**Test Plot 47#: LTE Band 26&5\_Body Back\_100%RB\_Low**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 821.5 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 821.5 \text{ MHz}$ ;  $\sigma = 0.881 \text{ S/m}$ ;  $\epsilon_r = 42.313$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 821.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Body Back/LTE Band 26 100%RB Low/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) = 1.02 W/kg

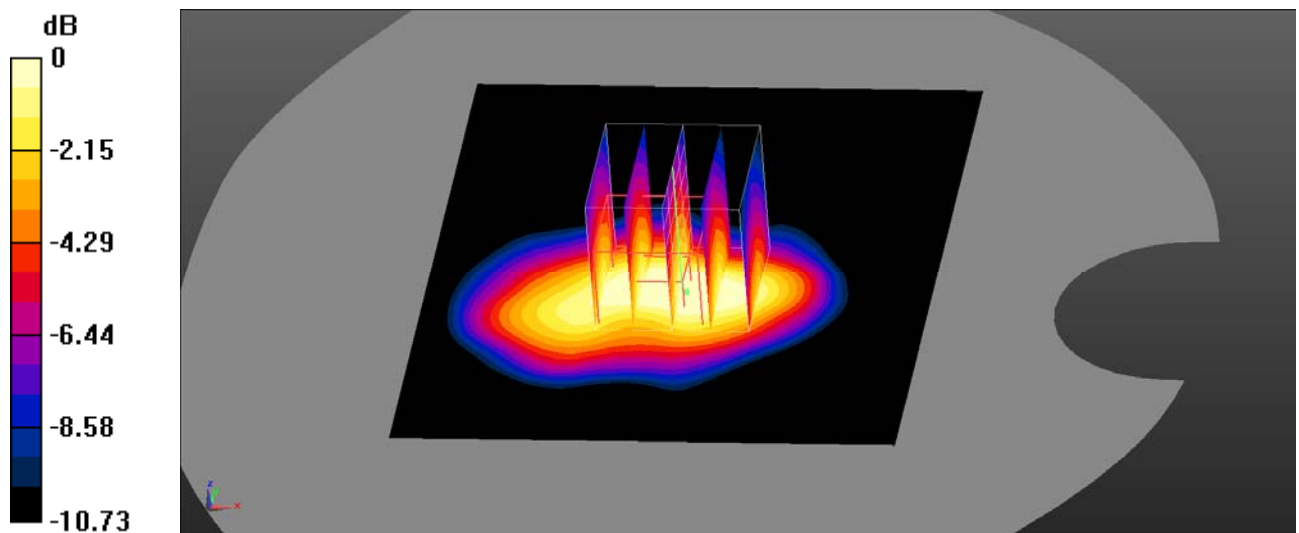
**Body Back/LTE Band 26 100%RB Low/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 29.63 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.978 W/kg

**SAR(1 g) = 0.803 W/kg; SAR(10 g) = 0.537 W/kg**

Maximum value of SAR (measured) = 0.870 W/kg



0 dB = 0.870 W/kg = -0.60 dBW/kg

**Test Plot 48#: LTE Band 26&5\_Body Back\_100%RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 831.5 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 831.5 \text{ MHz}$ ;  $\sigma = 0.898 \text{ S/m}$ ;  $\epsilon_r = 41.448$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 831.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Body Back/LTE Band 26 100%RB Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) = 1.17 W/kg

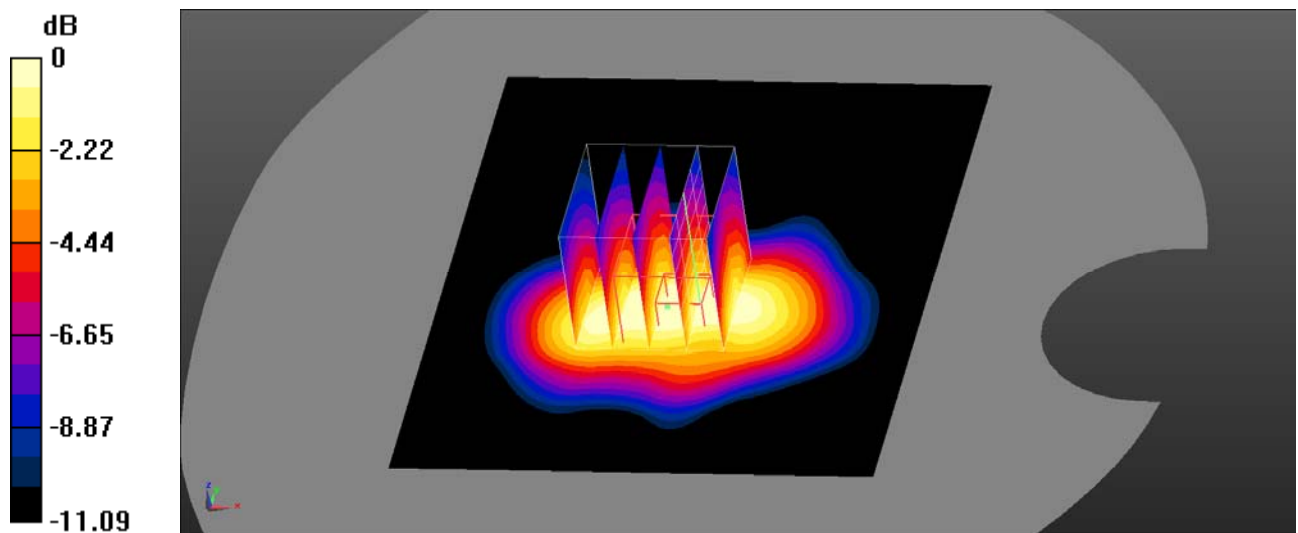
**Body Back/LTE Band 26 100%RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 32.13 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.23 W/kg

**SAR(1 g) = 0.936 W/kg; SAR(10 g) = 0.602 W/kg**

Maximum value of SAR (measured) = 1.00 W/kg



0 dB = 1.00 W/kg = 0.00 dBW/kg



**Test Plot 49#: LTE Band 26&5\_Body Back\_100%RB\_High**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 841.5 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 841.5 \text{ MHz}$ ;  $\sigma = 0.935 \text{ S/m}$ ;  $\epsilon_r = 42.674$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 841.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Body Back/LTE Band 26 100%RB High/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) = 1.27 W/kg

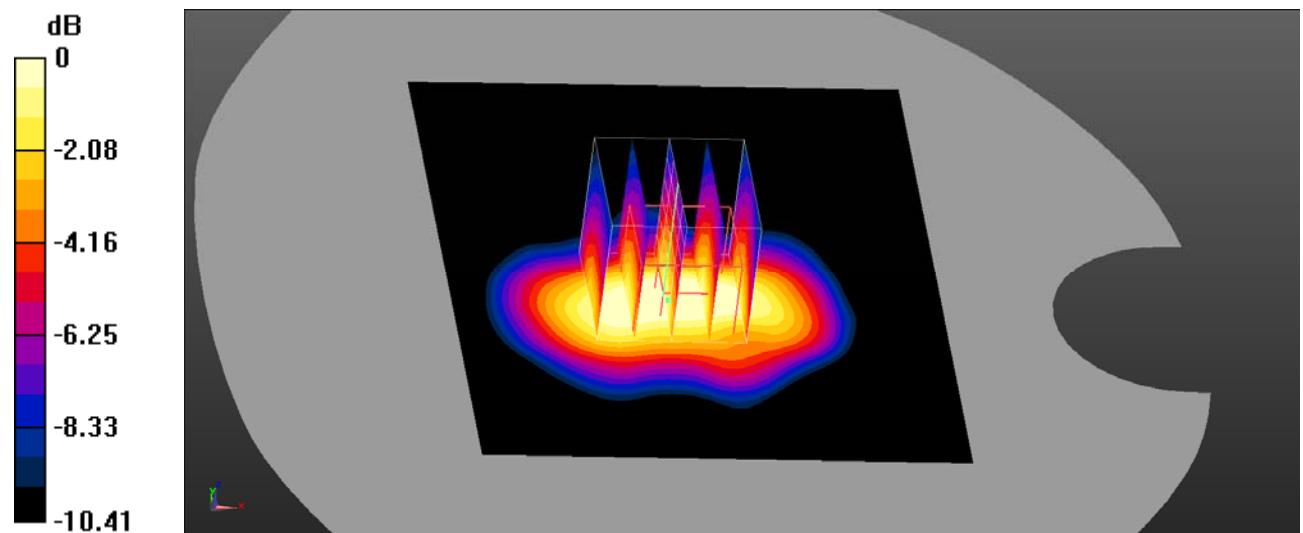
**Body Back/LTE Band 26 100%RB High/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 32.06 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.20 W/kg

**SAR(1 g) = 0.966 W/kg; SAR(10 g) = 0.632 W/kg**

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



0 dB = 1.04 W/kg = 0.17 dBW/kg

**Test Plot 50#: LTE Band 26&5\_HandHeld Left\_1RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 831.5 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 831.5 \text{ MHz}$ ;  $\sigma = 0.898 \text{ S/m}$ ;  $\epsilon_r = 41.448$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 831.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Left/LTE Band 26 1RB Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.182 \text{ W/kg}$

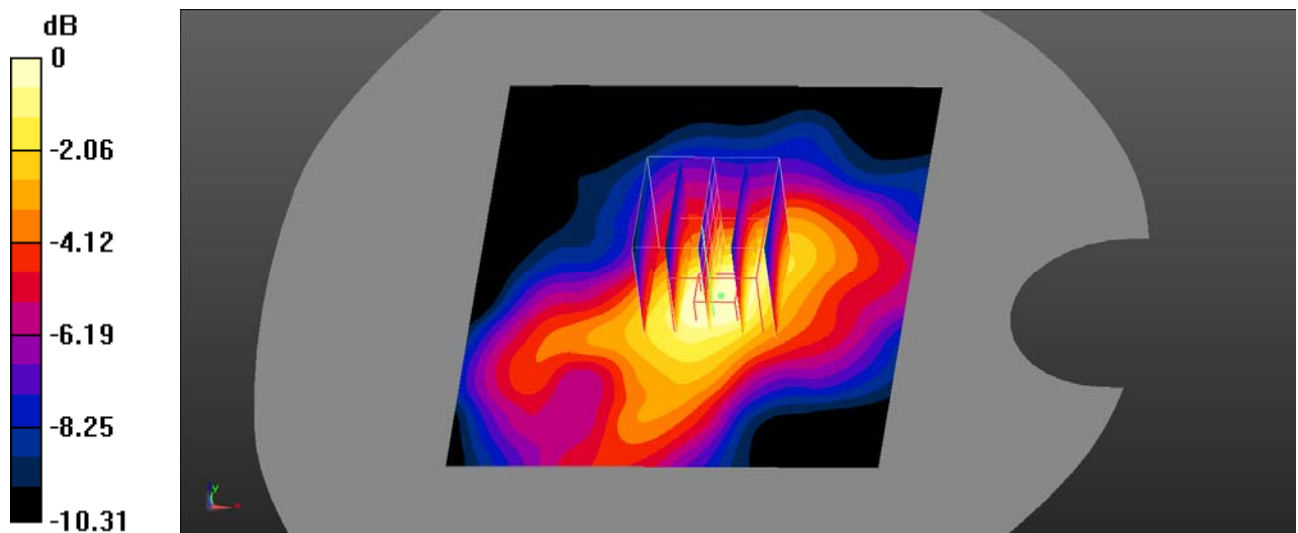
**Handheld Left/LTE Band 26 1RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $11.28 \text{ V/m}$ ; Power Drift =  $-0.03 \text{ dB}$

Peak SAR (extrapolated) =  $0.164 \text{ W/kg}$

**SAR(1 g) =  $0.130 \text{ W/kg}$ ; SAR(10 g) =  $0.083 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.141 \text{ W/kg}$



0 dB =  $0.141 \text{ W/kg} = -8.51 \text{ dBW/kg}$

**Test Plot 51#: LTE Band 26&5\_HandHeld Left\_50%RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 831.5 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 831.5 \text{ MHz}$ ;  $\sigma = 0.898 \text{ S/m}$ ;  $\epsilon_r = 41.448$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 831.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Left/LTE Band 26 50%RB Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.142 \text{ W/kg}$

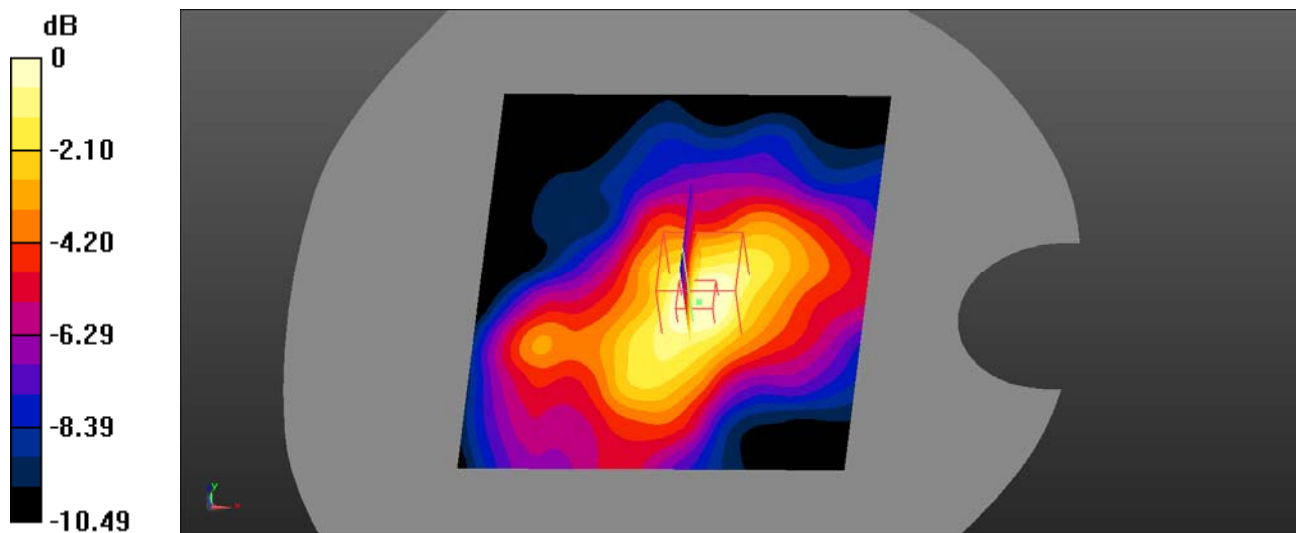
**Handheld Left/LTE Band 26 50%RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $9.901 \text{ V/m}$ ; Power Drift =  $-0.02 \text{ dB}$

Peak SAR (extrapolated) =  $0.122 \text{ W/kg}$

**SAR(1 g) =  $0.098 \text{ W/kg}$ ; SAR(10 g) =  $0.063 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.105 \text{ W/kg}$



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

**Test Plot 52#: LTE Band 26&5\_HandHeld Right\_1RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 831.5 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 831.5 \text{ MHz}$ ;  $\sigma = 0.898 \text{ S/m}$ ;  $\epsilon_r = 41.448$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 831.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Right/LTE Band 26 1RB Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0497 W/kg

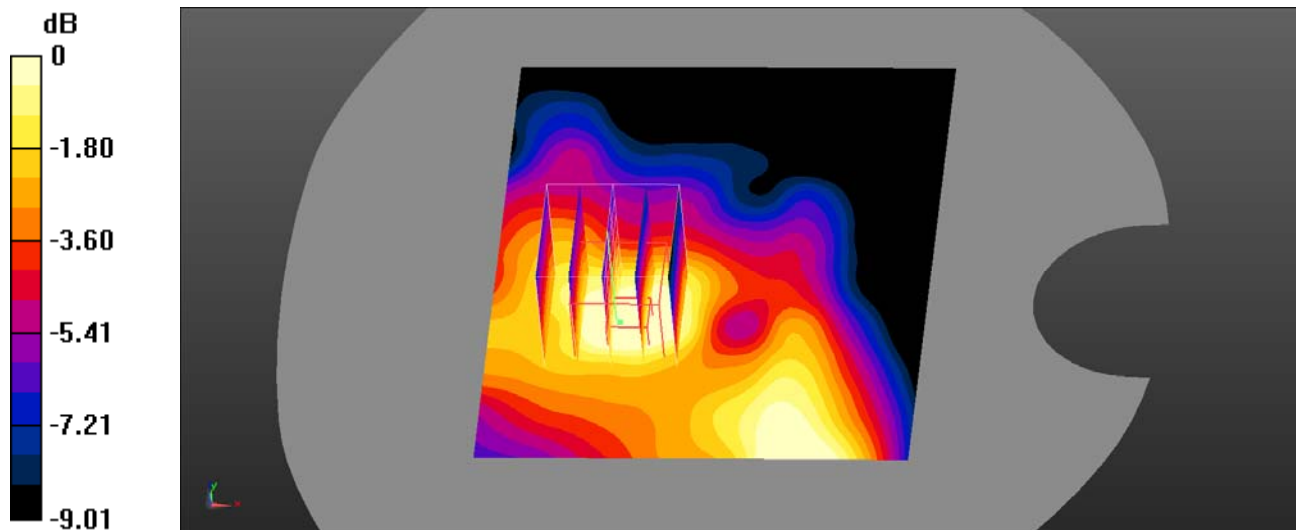
**Handheld Right/LTE Band 26 1RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 4.193 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.0440 W/kg

**SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.025 W/kg**

Maximum value of SAR (measured) = 0.0380 W/kg



0 dB = 0.0380 W/kg = -14.20 dBW/kg

**Test Plot 53#: LTE Band 26&5\_HandHeld Right\_50%RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 831.5 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 831.5 \text{ MHz}$ ;  $\sigma = 0.898 \text{ S/m}$ ;  $\epsilon_r = 41.448$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 831.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Right/LTE Band 26 50%RB Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) = 0.0395 W/kg

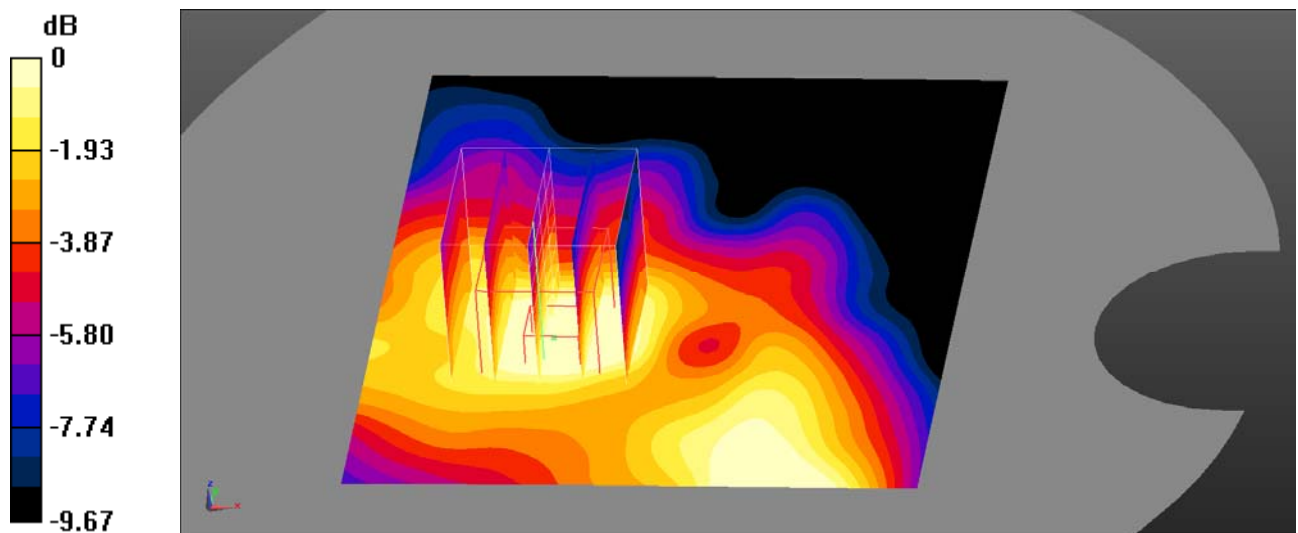
**Handheld Right/LTE Band 26 50%RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 3.385 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.0330 W/kg

**SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.019 W/kg**

Maximum value of SAR (measured) = 0.0284 W/kg



0 dB = 0.0284 W/kg = -15.47 dBW/kg

**Test Plot 54#: LTE Band 26&5\_HandHeld Top\_1RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 831.5 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 831.5 \text{ MHz}$ ;  $\sigma = 0.898 \text{ S/m}$ ;  $\epsilon_r = 41.448$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 831.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Top/LTE Band 26 1RB Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) = 0.0550 W/kg

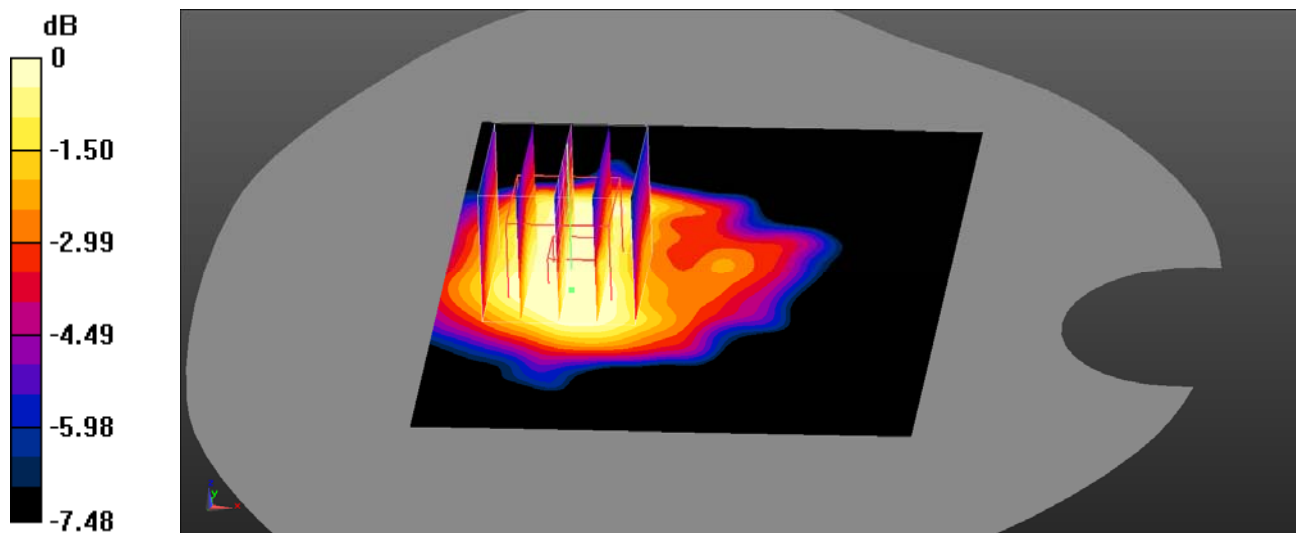
**Handheld Top/LTE Band 26 1RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 4.377 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.0470 W/kg

**SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.035 W/kg**

Maximum value of SAR (measured) = 0.0462 W/kg



0 dB = 0.0462 W/kg = -13.35 dBW/kg

**Test Plot 55#: LTE Band 26&5\_HandHeld Top\_50%RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 1882.5 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.405$  S/m;  $\epsilon_r = 40.575$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(8.02, 8.02, 8.02) @ 1882.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Top/LTE Band 25 50%RB Mid/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0829 W/kg

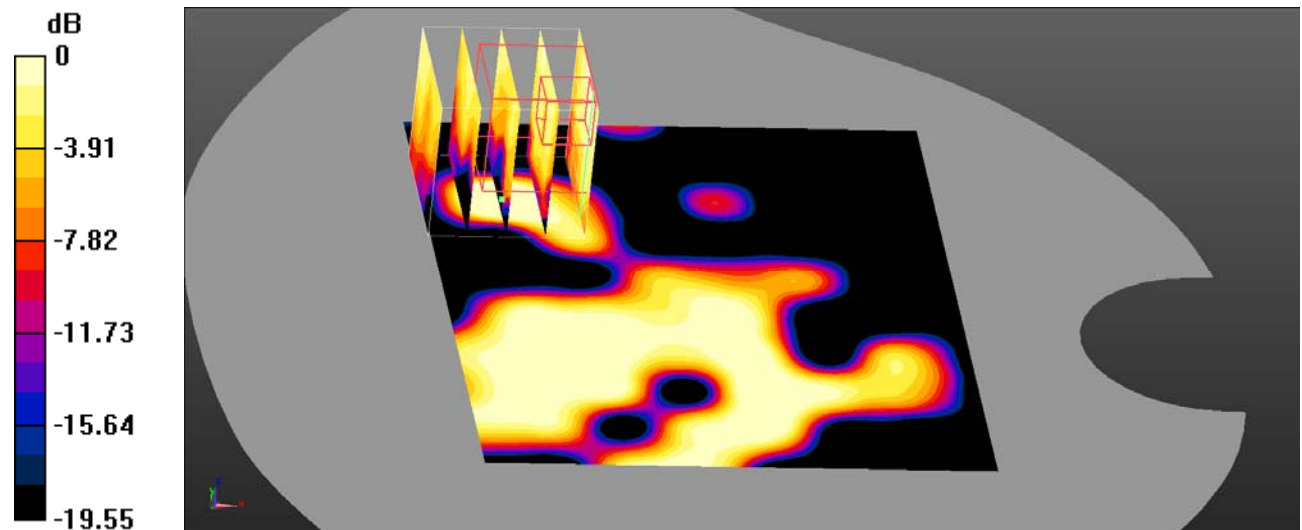
**Handheld Top/LTE Band 25 50%RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.038 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0110 W/kg

**SAR(1 g) = 0.00547 W/kg; SAR(10 g) = 0.00167 W/kg**

Maximum value of SAR (measured) = 0.00887 W/kg



0 dB = 0.00887 W/kg = -20.52 dBW/kg

**Test Plot 56#: LTE Band 7\_Body Back\_1RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 2535 \text{ MHz}$ ;  $\sigma = 1.93 \text{ S/m}$ ;  $\epsilon_r = 37.978$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.63, 7.63, 7.63) @ 2535 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- 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 Mid/Area Scan (101x121x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.253 W/kg

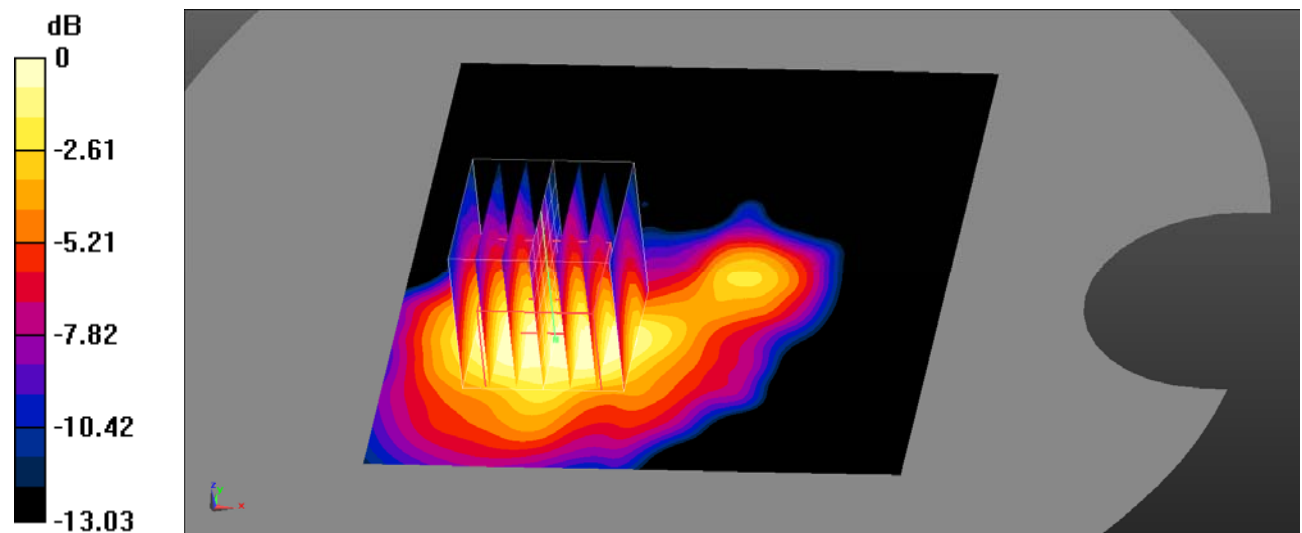
**Body Back/LTE Band 7 1RB Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 4.655 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.249 W/kg

**SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.114 W/kg**

Maximum value of SAR (measured) = 0.209 W/kg



0 dB = 0.209 W/kg = -6.80 dBW/kg



**Test Plot 57#: LTE Band 7\_Body Back\_50%RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 2535 \text{ MHz}$ ;  $\sigma = 1.93 \text{ S/m}$ ;  $\epsilon_r = 37.978$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.63, 7.63, 7.63) @ 2535 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- 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 50%RB Mid/Area Scan (101x121x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.158 W/kg

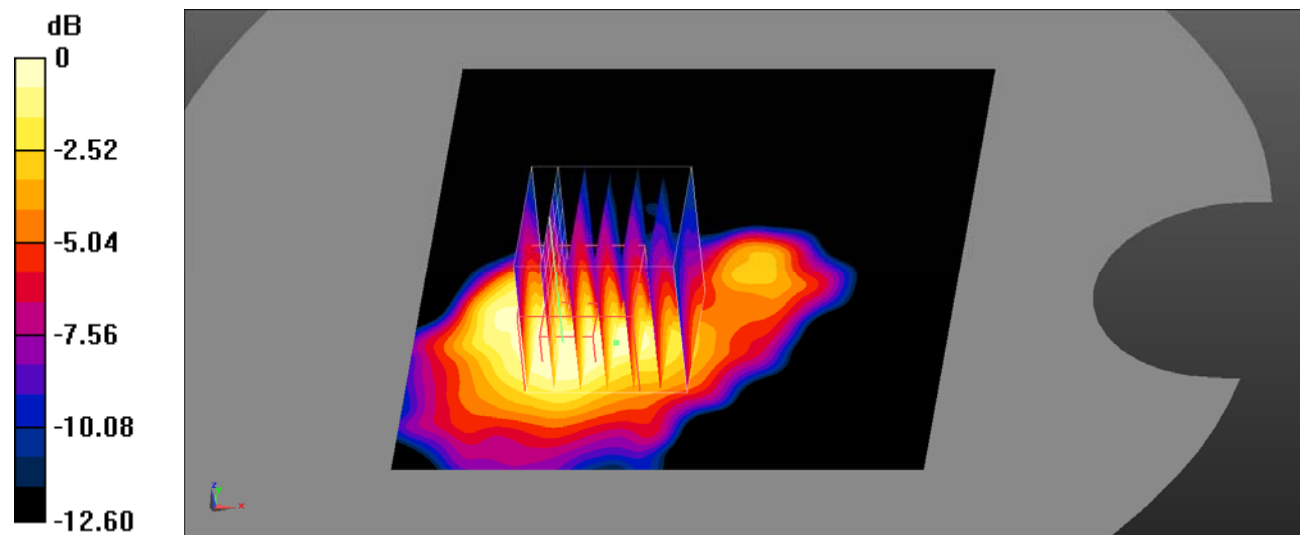
**Body Back/LTE Band 7 50%RB Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 3.730 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.183 W/kg

**SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.080 W/kg**

Maximum value of SAR (measured) = 0.150 W/kg



0 dB = 0.150 W/kg = -8.24 dBW/kg

**Test Plot 58#: LTE Band 7\_HandHeld Left\_1RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

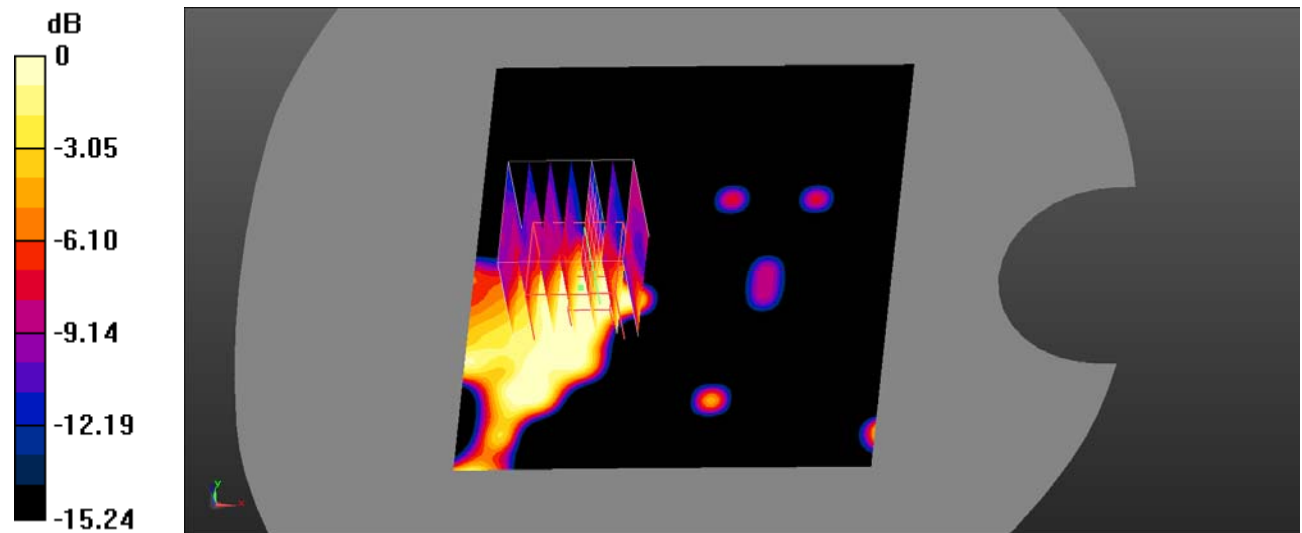
Communication System: UID 0, Generic FDD-LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 2535 \text{ MHz}$ ;  $\sigma = 1.93 \text{ S/m}$ ;  $\epsilon_r = 37.978$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.63, 7.63, 7.63) @ 2535 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Left/LTE Band 7 1RB Mid/Area Scan (101x121x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$   
 Maximum value of SAR (interpolated) = 0.0650 W/kg

**Handheld Left/LTE Band 7 1RB Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 0 V/m; Power Drift = 0.01 dB  
 Peak SAR (extrapolated) = 0.0390 W/kg  
**SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.013 W/kg**  
 Maximum value of SAR (measured) = 0.0315 W/kg



0 dB = 0.0315 W/kg = -15.02 dBW/kg

**Test Plot 59#: LTE Band 7\_HandHeld Left\_50%RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 2535 \text{ MHz}$ ;  $\sigma = 1.93 \text{ S/m}$ ;  $\epsilon_r = 37.978$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.63, 7.63, 7.63) @ 2535 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Left/LTE Band 7 50%RB Mid/Area Scan (101x121x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$   
 Maximum value of SAR (interpolated) = 0.0434 W/kg

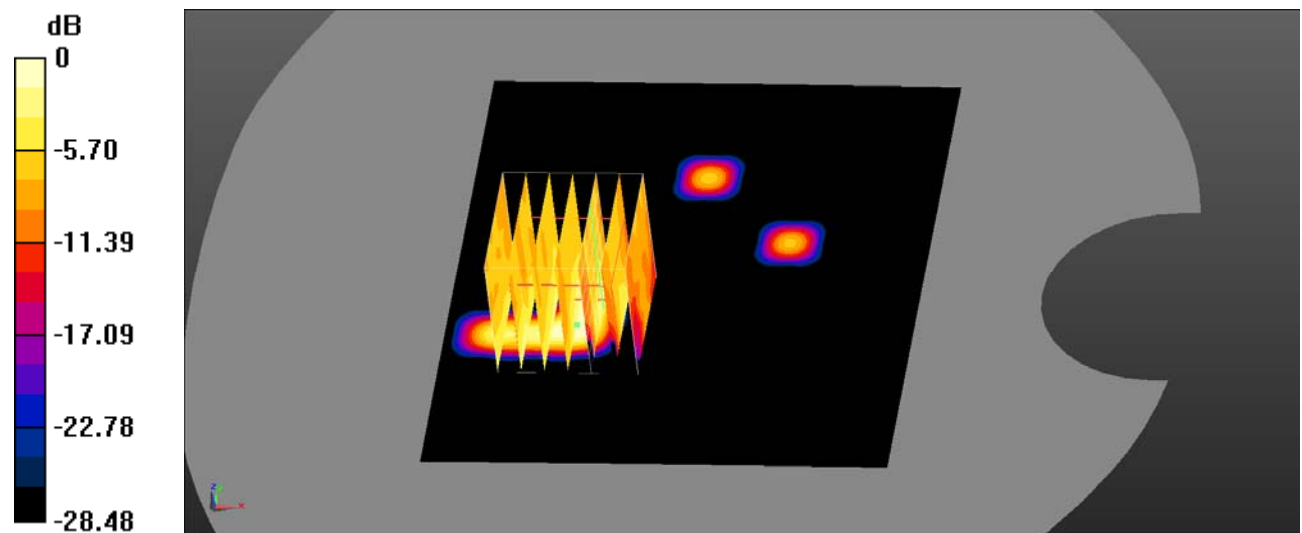
**Handheld Left/LTE Band 7 50%RB Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 0.4340 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.0470 W/kg

**SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.011 W/kg**

Maximum value of SAR (measured) = 0.0204 W/kg



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

**Test Plot 60#: LTE Band 7\_HandHeld Right\_1RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 2535 \text{ MHz}$ ;  $\sigma = 1.93 \text{ S/m}$ ;  $\epsilon_r = 37.978$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.63, 7.63, 7.63) @ 2535 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Right/LTE Band 7 1RB Mid/Area Scan (101x121x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

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

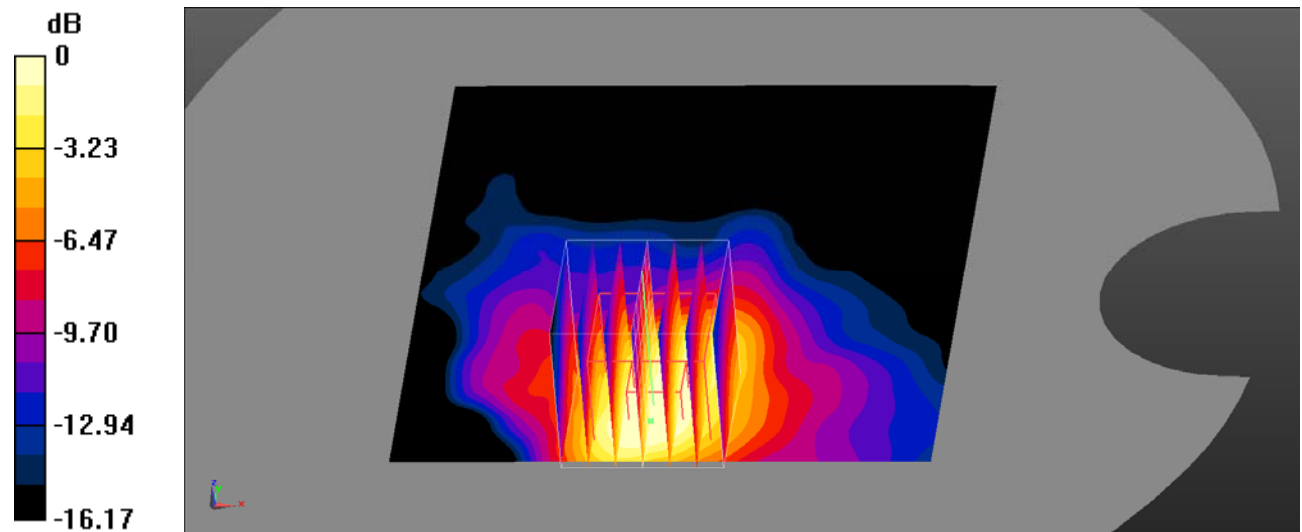
**Handheld Right/LTE Band 7 1RB Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 3.620 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.464 W/kg

**SAR(1 g) = 0.352 W/kg; SAR(10 g) = 0.203 W/kg**

Maximum value of SAR (measured) = 0.403 W/kg



0 dB = 0.403 W/kg = -3.95 dBW/kg

**Test Plot 61#: LTE Band 7\_HandHeld Right\_50%RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 2535$  MHz;  $\sigma = 1.93$  S/m;  $\epsilon_r = 37.978$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.63, 7.63, 7.63) @ 2535 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Right/LTE Band 7 50%RB Mid/Area Scan (101x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.349 W/kg

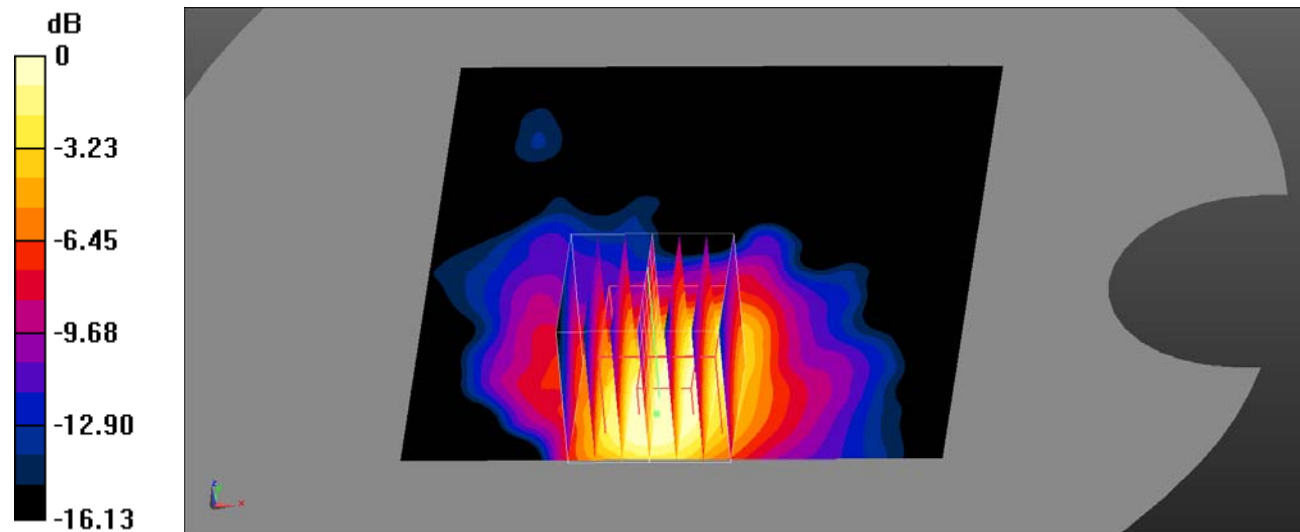
**Handheld Right/LTE Band 7 50%RB Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.895 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.382 W/kg

**SAR(1 g) = 0.265 W/kg; SAR(10 g) = 0.154 W/kg**

Maximum value of SAR (measured) = 0.296 W/kg



0 dB = 0.296 W/kg = -5.29 dBW/kg

**Test Plot 62#: LTE Band 7\_HandHeld Top\_1RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 2535 \text{ MHz}$ ;  $\sigma = 1.93 \text{ S/m}$ ;  $\epsilon_r = 37.978$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.63, 7.63, 7.63) @ 2535 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Top/LTE Band 7 1RB Mid/Area Scan (81x101x1):** Interpolated grid:  $dx=1.200 \text{ mm}$ ,  $dy=1.200 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0314 W/kg

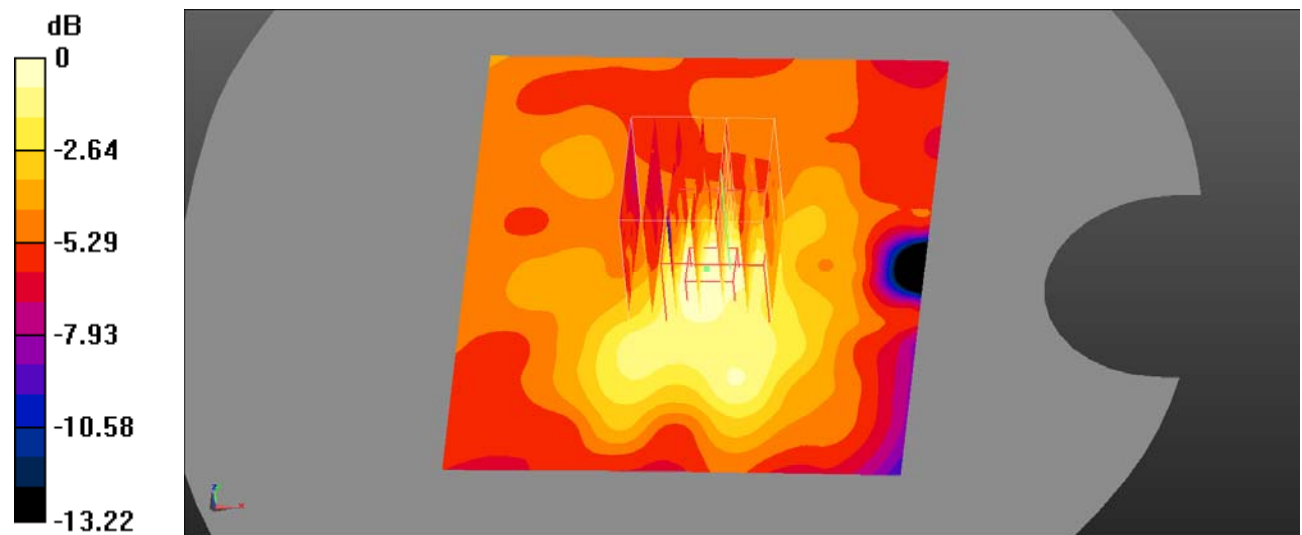
**Handheld Top/LTE Band 7 1RB Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 2.975 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.0310 W/kg

**SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.016 W/kg**

Maximum value of SAR (measured) = 0.0272 W/kg



0 dB = 0.0272 W/kg = -15.65 dBW/kg

**Test Plot 63#: LTE Band 7\_HandHeld Top\_50%RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 2535 \text{ MHz}$ ;  $\sigma = 1.93 \text{ S/m}$ ;  $\epsilon_r = 37.978$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.63, 7.63, 7.63) @ 2535 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Top/LTE Band 7 50%RB Mid/Area Scan (81x101x1):** Interpolated grid:  $dx=1.200 \text{ mm}$ ,  $dy=1.200 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0254 W/kg

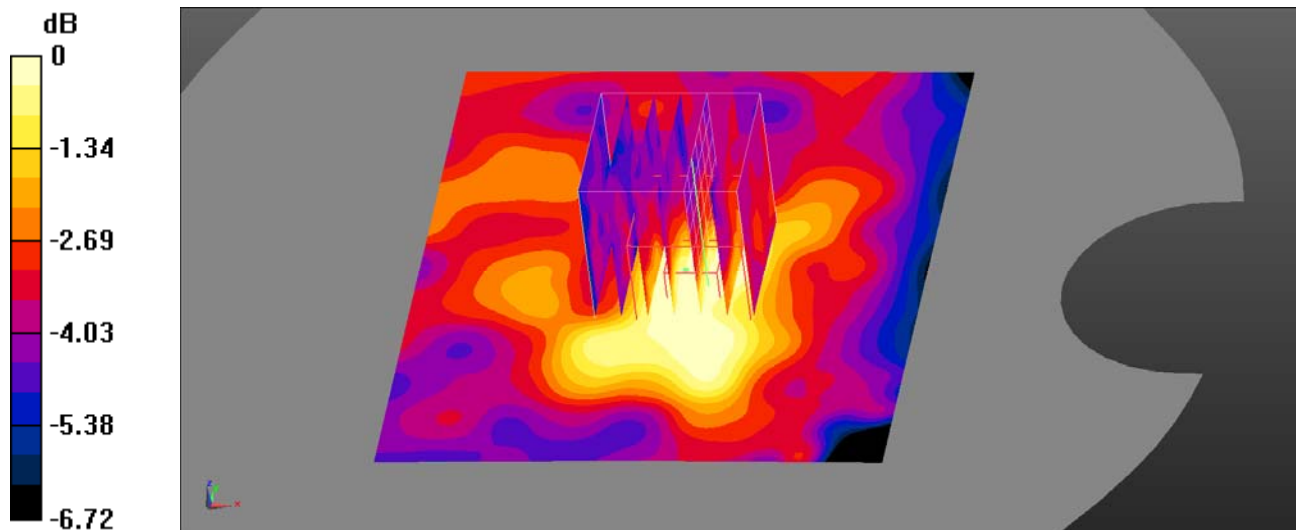
**Handheld Top/LTE Band 7 50%RB Mid/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 2.562 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.0200 W/kg

**SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.011 W/kg**

Maximum value of SAR (measured) = 0.0187 W/kg



0 dB = 0.0187 W/kg = -17.28 dBW/kg

**Test Plot 64#: LTE Band 12\_Body Back\_1RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 707.5 \text{ MHz}$ ;  $\sigma = 0.872 \text{ S/m}$ ;  $\epsilon_r = 43.36$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 707.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Body Back/LTE Band 12 1RB Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0601 W/kg

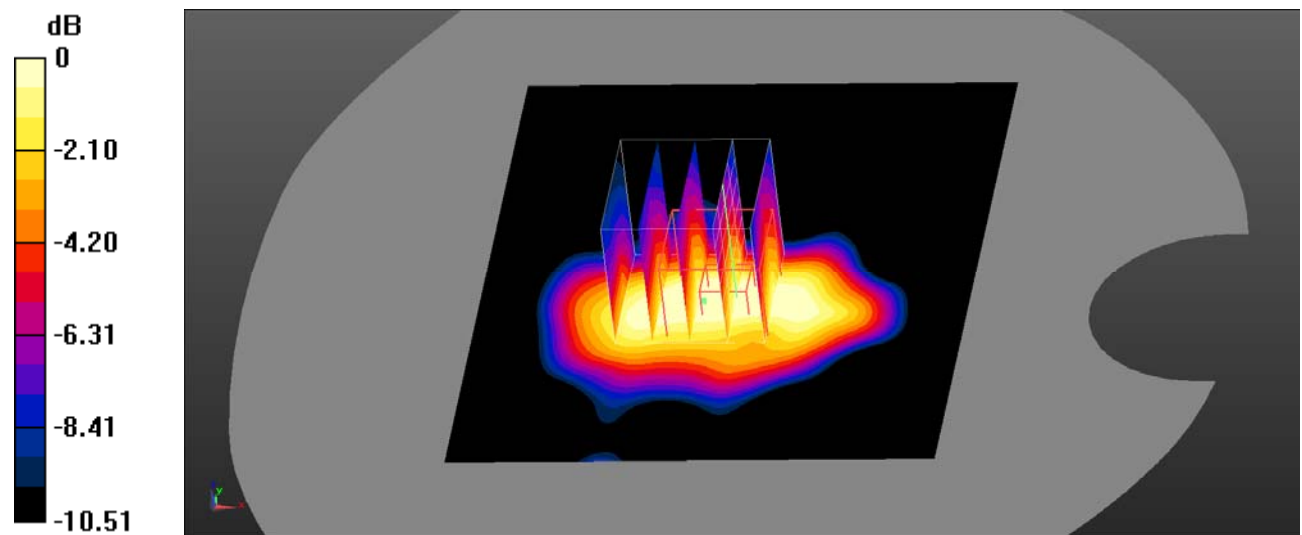
**Body Back/LTE Band 12 1RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 7.255 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0590 W/kg

**SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.030 W/kg**

Maximum value of SAR (measured) = 0.0510 W/kg



0 dB = 0.0510 W/kg = -12.92 dBW/kg



**Test Plot 65#: LTE Band 12\_Body Back\_50%RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 707.5 \text{ MHz}$ ;  $\sigma = 0.872 \text{ S/m}$ ;  $\epsilon_r = 43.36$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 707.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Body Back/LTE Band 12 50%RB Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0540 W/kg

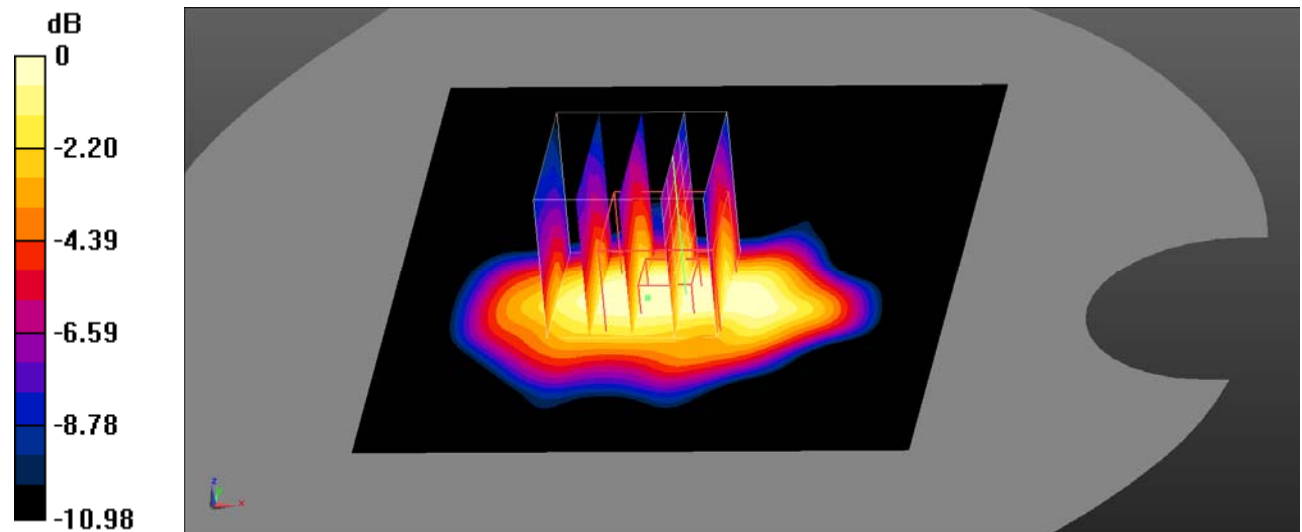
**Body Back/LTE Band 12 50%RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 6.829 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.0540 W/kg

**SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.028 W/kg**

Maximum value of SAR (measured) = 0.0466 W/kg



0 dB = 0.0466 W/kg = -13.32 dBW/kg

**Test Plot 66#: LTE Band 12\_HandHeld Left\_1RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 707.5 \text{ MHz}$ ;  $\sigma = 0.872 \text{ S/m}$ ;  $\epsilon_r = 43.36$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 707.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Left/LTE Band 12 1RB Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.00953 \text{ W/kg}$

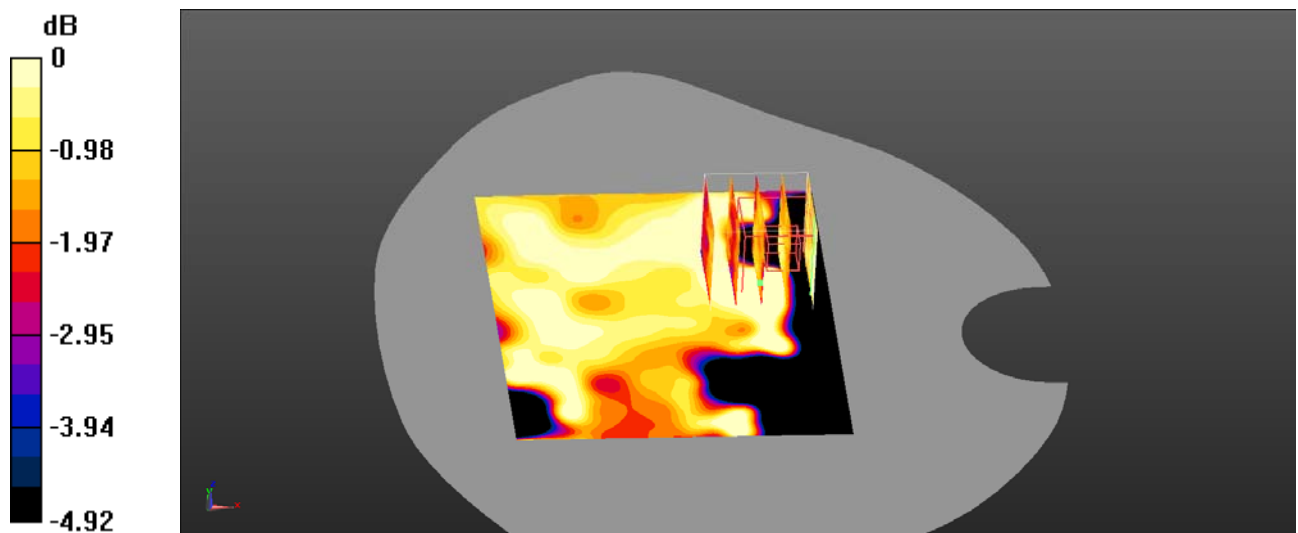
**Handheld Left/LTE Band 12 1RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $1.559 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.00502 \text{ W/kg}$

**SAR(1 g) = 0.00309 W/kg; SAR(10 g) = 0.00252 W/kg**

Maximum value of SAR (measured) =  $0.00337 \text{ W/kg}$



0 dB =  $0.00337 \text{ W/kg} = -24.72 \text{ dBW/kg}$

**Test Plot 67#: LTE Band 12\_HandHeld Left\_50%RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 707.5 \text{ MHz}$ ;  $\sigma = 0.872 \text{ S/m}$ ;  $\epsilon_r = 43.36$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 707.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Left/LTE Band 12 50%RB Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) = 0.00660 W/kg

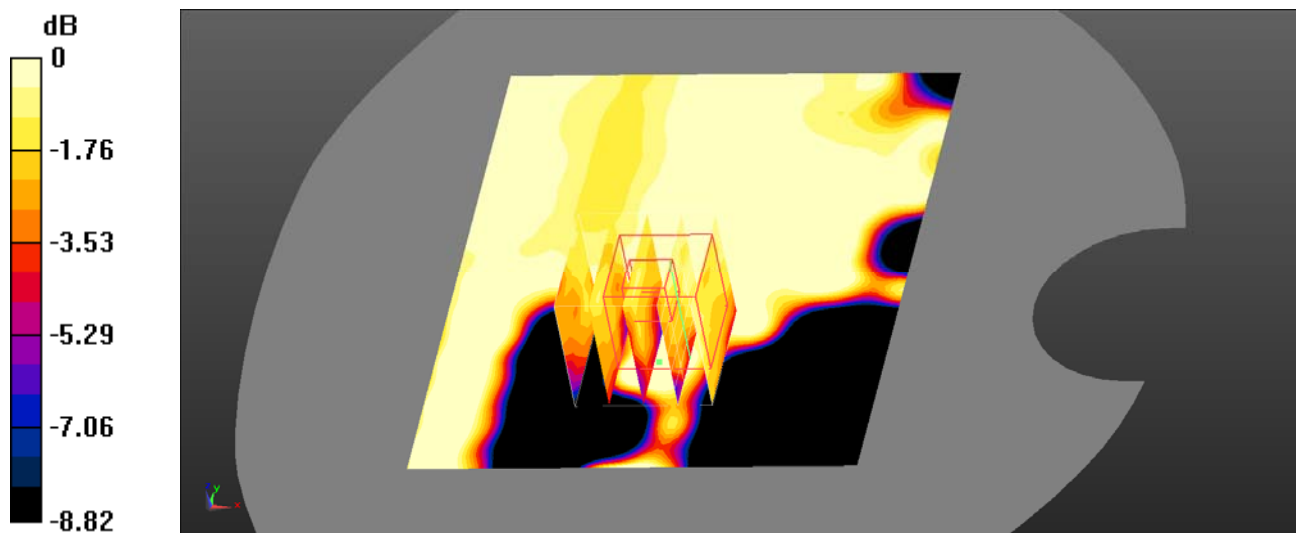
**Handheld Left/LTE Band 12 50%RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 1.465 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.00780 W/kg

**SAR(1 g) = 0.00259 W/kg; SAR(10 g) = 0.000576 W/kg**

Maximum value of SAR (measured) = 0.00239 W/kg



0 dB = 0.00269 W/kg = -25.70 dBW/kg

**Test Plot 68#: LTE Band 12\_HandHeld Right\_1RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.872$  S/m;  $\epsilon_r = 43.36$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 707.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Right/LTE Band 12 1RB Mid/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0669 W/kg

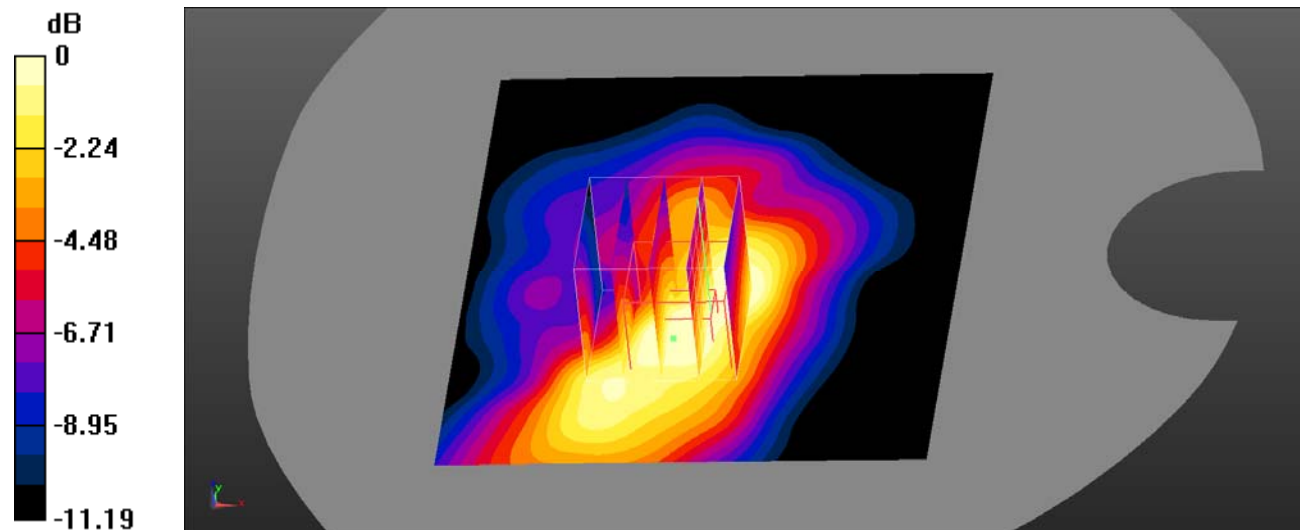
**Handheld Right/LTE Band 12 1RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.631 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.0600 W/kg

**SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.030 W/kg**

Maximum value of SAR (measured) = 0.0492 W/kg



0 dB = 0.0492 W/kg = -13.08 dBW/kg

**Test Plot 69#: LTE Band 12\_HandHeld Right\_50%RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 707.5 \text{ MHz}$ ;  $\sigma = 0.872 \text{ S/m}$ ;  $\epsilon_r = 43.36$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 707.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Right/LTE Band 12 50%RB Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0613 W/kg

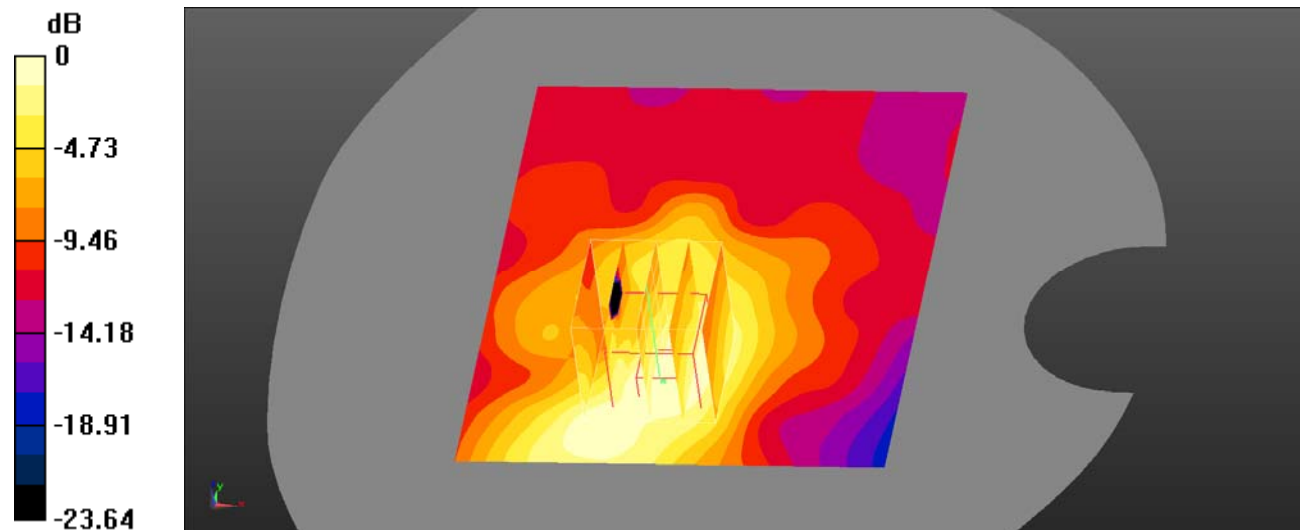
**Handheld Right/LTE Band 12 50%RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 4.330 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.0490 W/kg

**SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.024 W/kg**

Maximum value of SAR (measured) = 0.0434 W/kg



0 dB = 0.0434 W/kg = -13.63 dBW/kg

**Test Plot 70#: LTE Band 12\_HandHeld Top\_1RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 707.5 \text{ MHz}$ ;  $\sigma = 0.872 \text{ S/m}$ ;  $\epsilon_r = 43.36$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 707.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Top/LTE Band 12 1RB Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.00657 W/kg

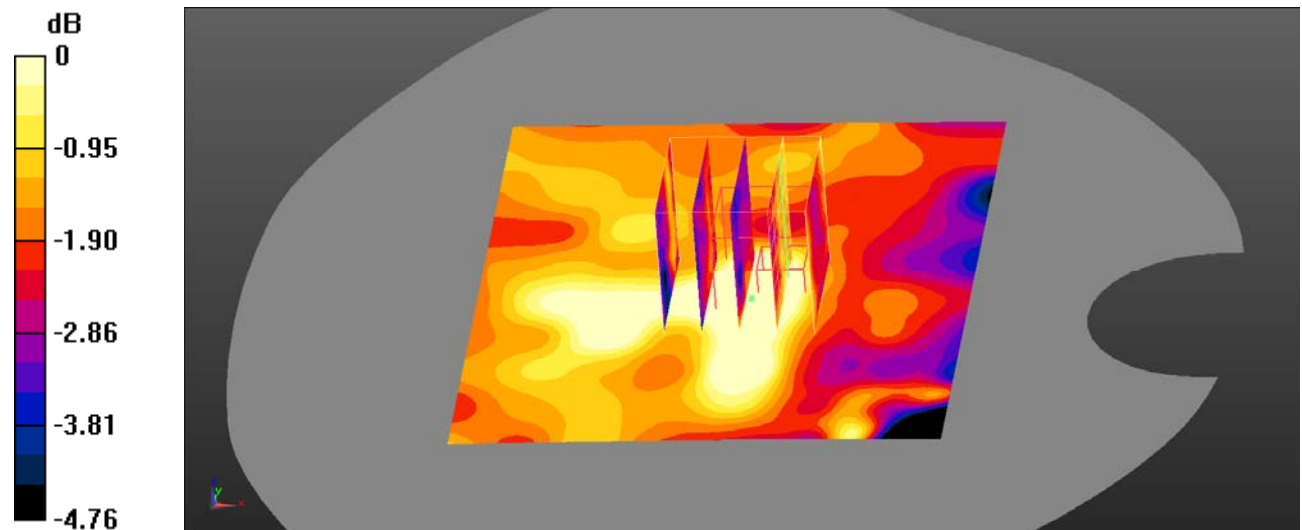
**Handheld Top/LTE Band 12 1RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 1.629 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.00439 W/kg

**SAR(1 g) = 0.00348 W/kg; SAR(10 g) = 0.00277 W/kg**

Maximum value of SAR (measured) = 0.00407 W/kg



0 dB = 0.00407 W/kg = -23.90 dBW/kg

**Test Plot 71#: LTE Band 12\_HandHeld Top\_50%RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 707.5 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.872$  S/m;  $\epsilon_r = 43.36$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 707.5 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Top/LTE Band 12 50%RB Mid/Area Scan (71x91x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
 Maximum value of SAR (interpolated) = 0.00589 W/kg

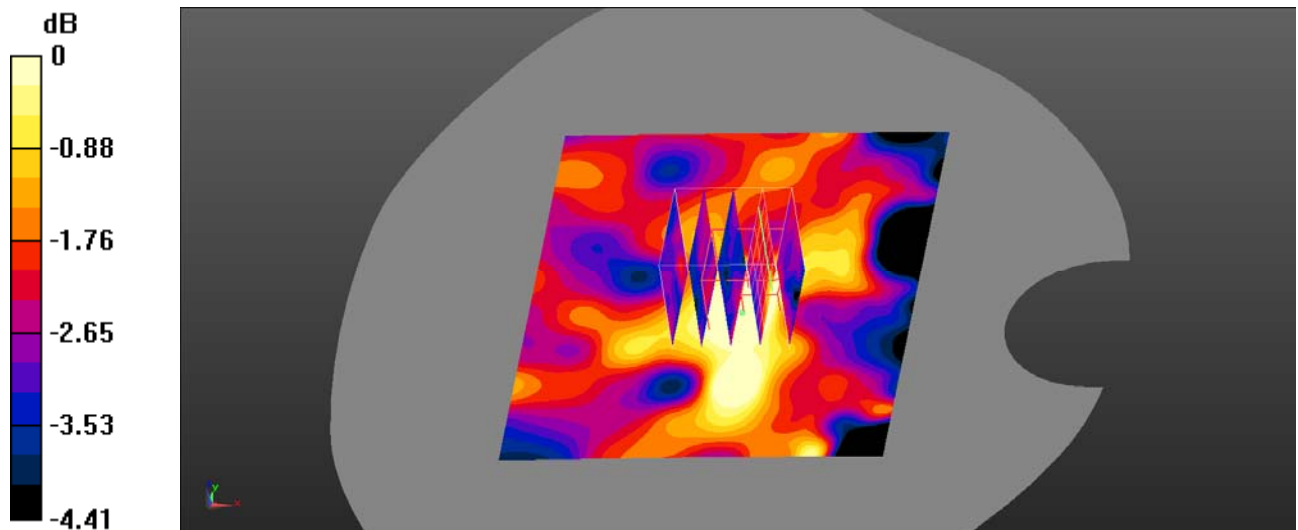
**Handheld Top/LTE Band 12 50%RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.369 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.00597 W/kg

**SAR(1 g) = 0.00338 W/kg; SAR(10 g) = 0.00248 W/kg**

Maximum value of SAR (measured) = 0.00420 W/kg



0 dB = 0.00420 W/kg = -23.77 dBW/kg

**Test Plot 72#: LTE Band 13\_Body Back\_1RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 782 \text{ MHz}$ ;  $\sigma = 0.883 \text{ S/m}$ ;  $\epsilon_r = 42.543$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 782 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Body Back/LTE Band 13 1RB Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.483 W/kg

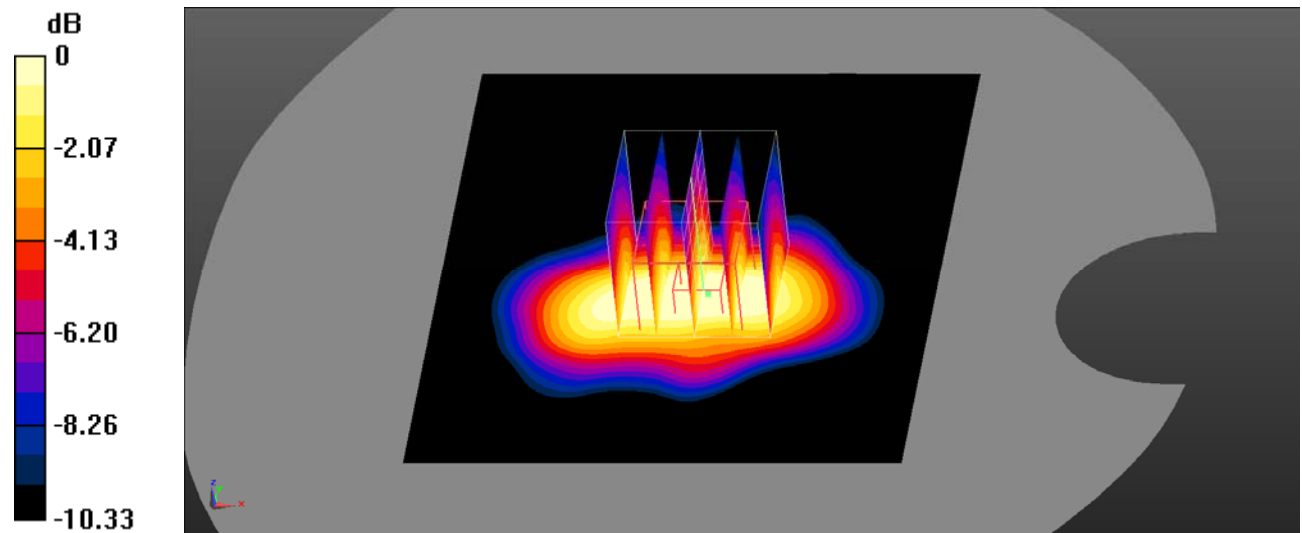
**Body Back/LTE Band 13 1RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 20.75 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.440 W/kg

**SAR(1 g) = 0.361 W/kg; SAR(10 g) = 0.243 W/kg**

Maximum value of SAR (measured) = 0.386 W/kg



0 dB = 0.386 W/kg = -4.13 dBW/kg



**Test Plot 73#: LTE Band 13\_Body Back\_50%RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 782 \text{ MHz}$ ;  $\sigma = 0.883 \text{ S/m}$ ;  $\epsilon_r = 42.543$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 782 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Body Back/LTE Band 13 50%RB Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.407 \text{ W/kg}$

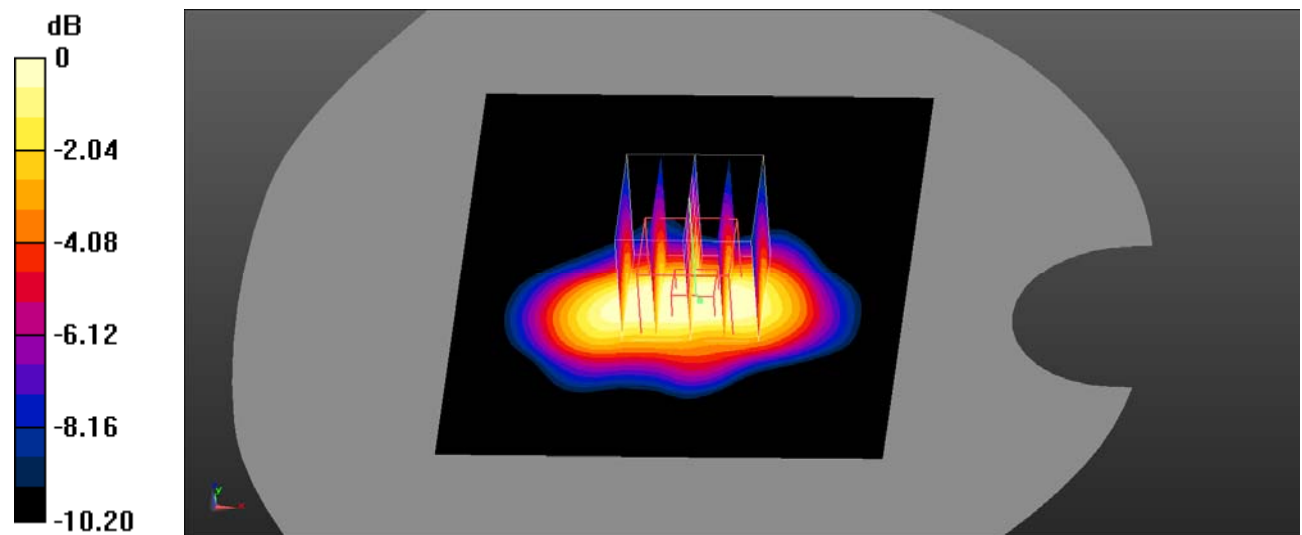
**Body Back/LTE Band 13 50%RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $18.77 \text{ V/m}$ ; Power Drift =  $-0.03 \text{ dB}$

Peak SAR (extrapolated) =  $0.380 \text{ W/kg}$

**SAR(1 g) =  $0.312 \text{ W/kg}$ ; SAR(10 g) =  $0.209 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.336 \text{ W/kg}$



0 dB =  $0.336 \text{ W/kg}$  =  $-4.74 \text{ dBW/kg}$

**Test Plot 74#: LTE Band 13\_HandHeld Left\_1RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 782 \text{ MHz}$ ;  $\sigma = 0.883 \text{ S/m}$ ;  $\epsilon_r = 42.543$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 782 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Left/LTE Band 13 1RB Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) = 0.0316 W/kg

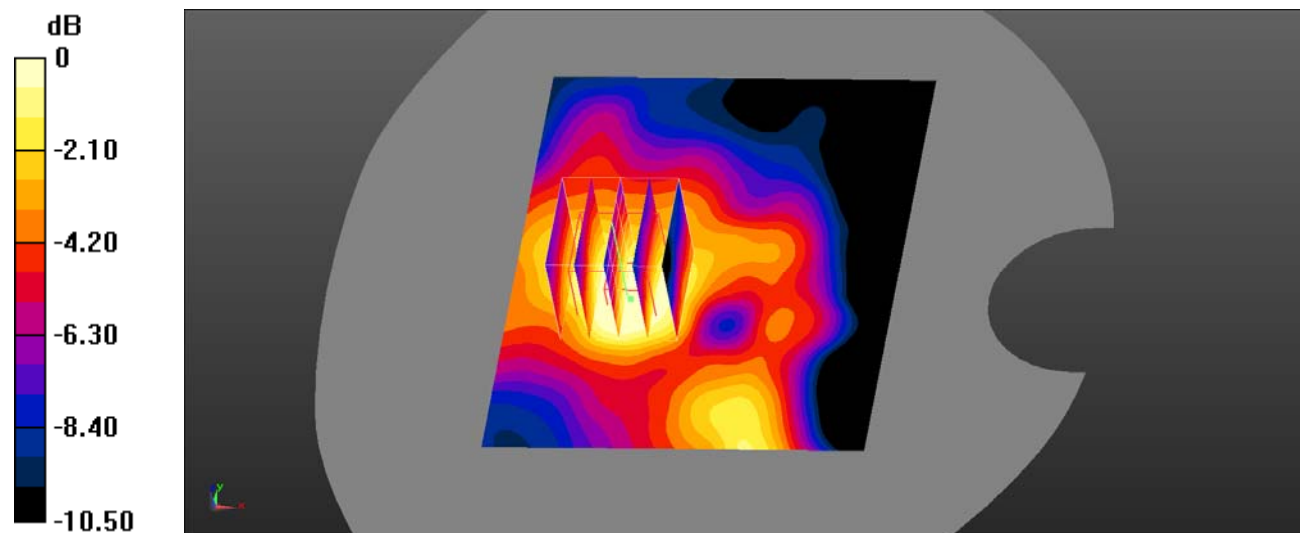
**Handheld Left/LTE Band 13 1RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 2.555 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.0260 W/kg

**SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.015 W/kg**

Maximum value of SAR (measured) = 0.0239 W/kg



0 dB = 0.0239 W/kg = -16.22 dBW/kg

**Test Plot 75#: LTE Band 13\_HandHeld Left\_50%RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 782 \text{ MHz}$ ;  $\sigma = 0.883 \text{ S/m}$ ;  $\epsilon_r = 42.543$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 782 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Left/LTE Band 13 50%RB Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) = 0.0215 W/kg

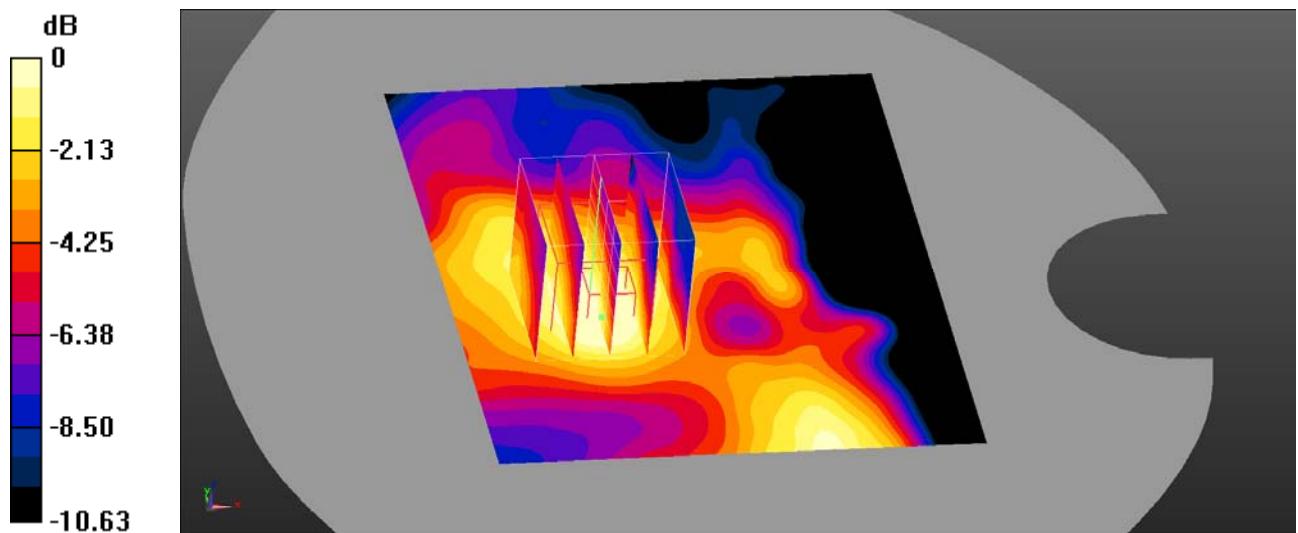
**Handheld Left/LTE Band 13 50%RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 2.052 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.0220 W/kg

**SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.013 W/kg**

Maximum value of SAR (measured) = 0.0189 W/kg



0 dB = 0.0189 W/kg = -17.24 dBW/kg

**Test Plot 76#: LTE Band 13\_HandHeld Right\_1RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 782 \text{ MHz}$ ;  $\sigma = 0.883 \text{ S/m}$ ;  $\epsilon_r = 42.543$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 782 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Right/LTE Band 13 1RB Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0824 W/kg

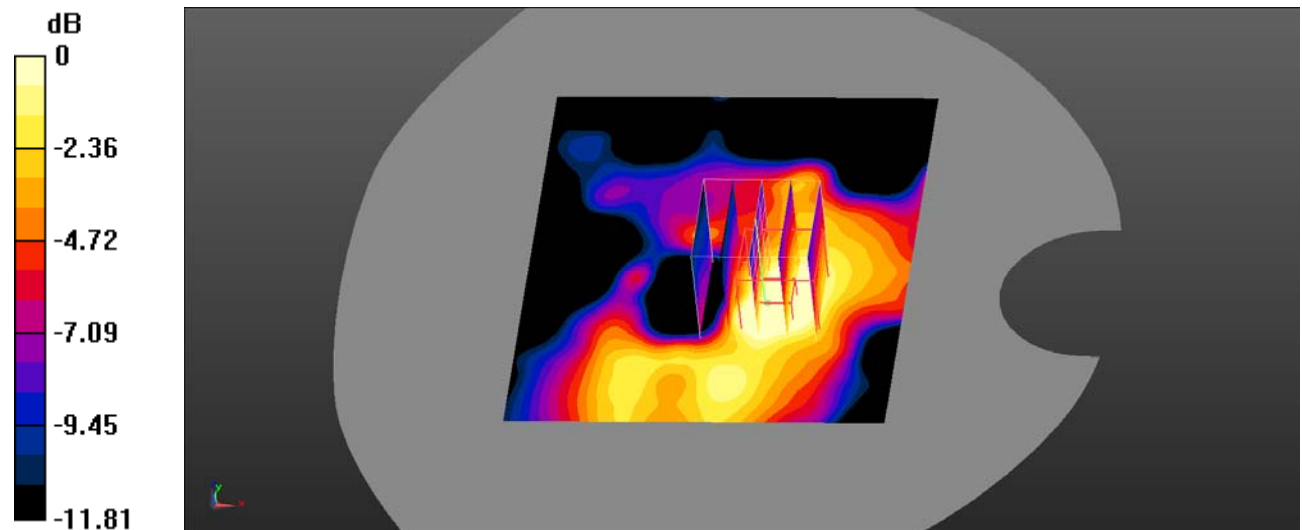
**Handheld Right/LTE Band 13 1RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 3.408 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.0670 W/kg

**SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.029 W/kg**

Maximum value of SAR (measured) = 0.0503 W/kg



0 dB = 0.0503 W/kg = -12.98 dBW/kg

**Test Plot 77#: LTE Band 13\_HandHeld Right\_50%RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 782 \text{ MHz}$ ;  $\sigma = 0.883 \text{ S/m}$ ;  $\epsilon_r = 42.543$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 782 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Right/LTE Band 13 50%RB Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0445 W/kg

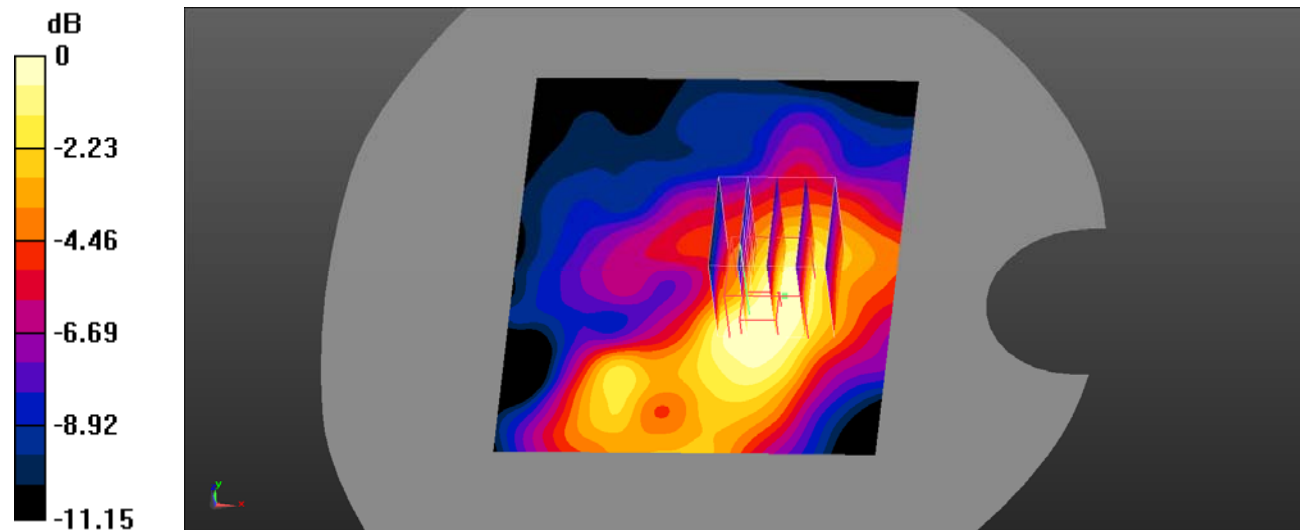
**Handheld Right/LTE Band 13 50%RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 3.289 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.0560 W/kg

**SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.024 W/kg**

Maximum value of SAR (measured) = 0.0419 W/kg



0 dB = 0.0419 W/kg = -13.78 dBW/kg

**Test Plot 78#: LTE Band 13\_HandHeld Top\_1RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 782 \text{ MHz}$ ;  $\sigma = 0.883 \text{ S/m}$ ;  $\epsilon_r = 42.543$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 782 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Top/LTE Band 13 1RB Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $0.0328 \text{ W/kg}$

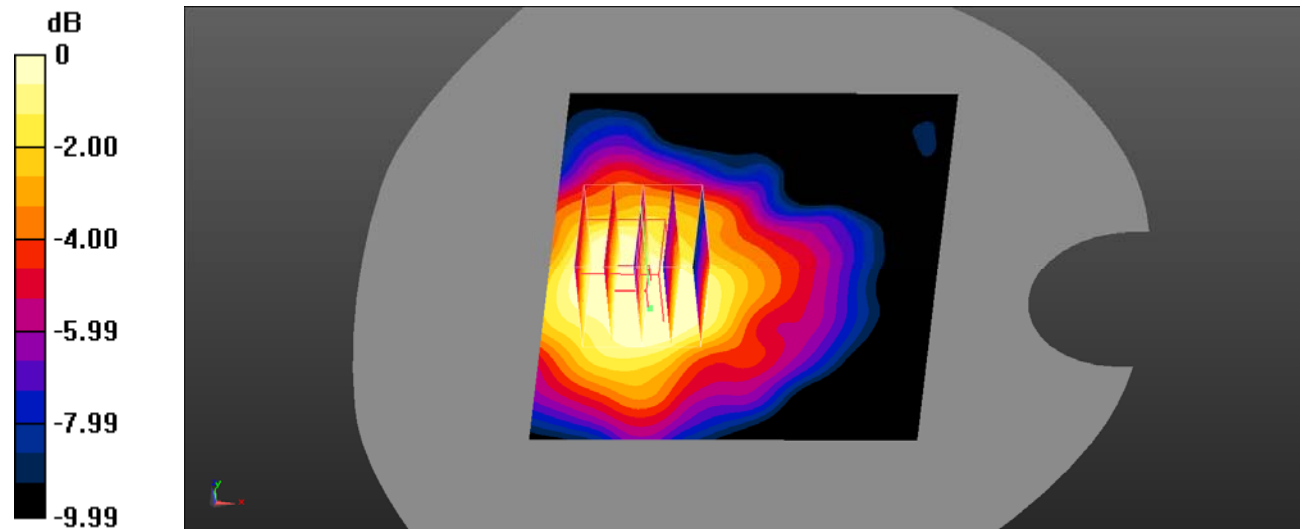
**Handheld Top/LTE Band 13 1RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $3.330 \text{ V/m}$ ; Power Drift =  $-0.04 \text{ dB}$

Peak SAR (extrapolated) =  $0.0270 \text{ W/kg}$

**SAR(1 g) =  $0.025 \text{ W/kg}$ ; SAR(10 g) =  $0.019 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.0256 \text{ W/kg}$



0 dB =  $0.0256 \text{ W/kg}$  =  $-15.92 \text{ dBW/kg}$

**Test Plot 79#: LTE Band 13\_HandHeld Top\_50%RB\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 782 MHz;Duty Cycle: 1:1  
 Medium parameters used (interpolated):  $f = 782 \text{ MHz}$ ;  $\sigma = 0.883 \text{ S/m}$ ;  $\epsilon_r = 42.543$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(10.28, 10.28, 10.28) @ 782 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Top/LTE Band 13 50%RB Mid/Area Scan (71x91x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0258 W/kg

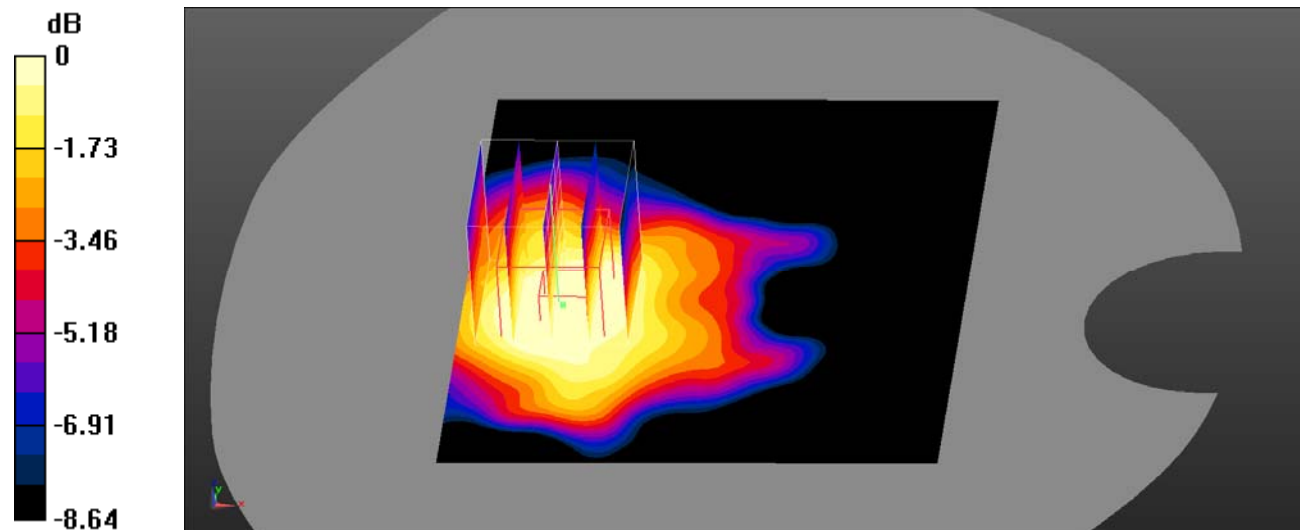
**Handheld Top/LTE Band 13 50%RB Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 2.492 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.0210 W/kg

**SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.015 W/kg**

Maximum value of SAR (measured) = 0.0208 W/kg



0 dB = 0.0208 W/kg = -16.82 dBW/kg

**Test Plot 80#: 2.4Gwifi\_Body Back\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, 2.4G DTS (0); Frequency: 2442 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 2442 \text{ MHz}$ ;  $\sigma = 1.835 \text{ S/m}$ ;  $\epsilon_r = 38.681$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.63, 7.63, 7.63) @ 2442 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Body Back/WLAN 802.11b Middle/Area Scan (101x101x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.258 W/kg

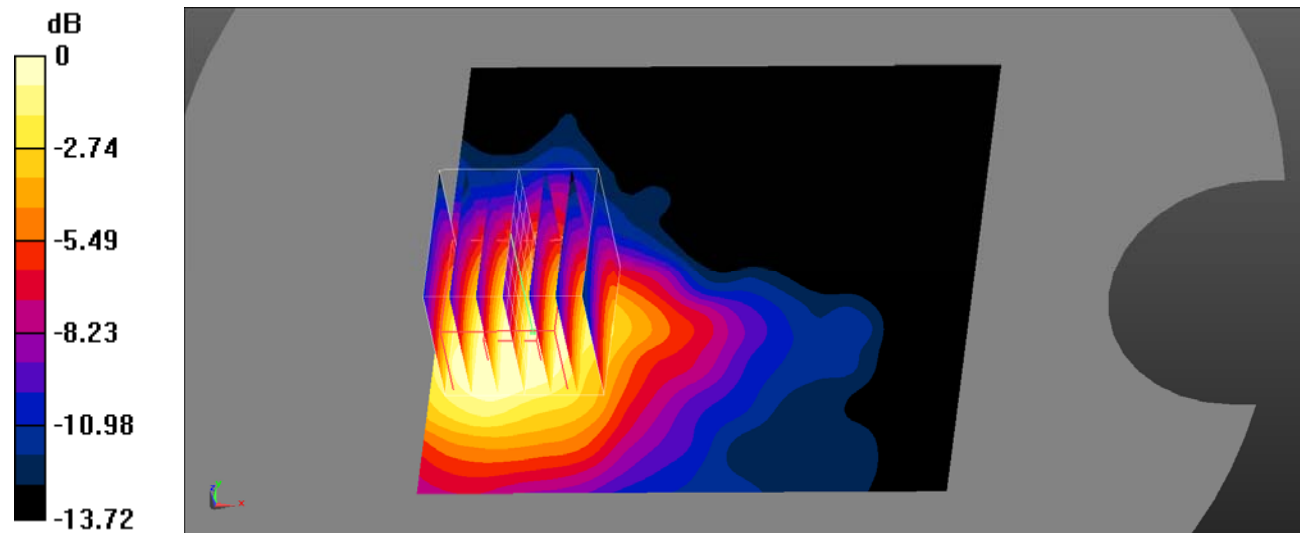
**Body Back/WLAN 802.11b Middle/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 2.002 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.258 W/kg

**SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.121 W/kg**

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



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



**Test Plot 81#: 2.4Gwifi\_Handheld Right\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, 2.4G DTS (0); Frequency: 2442 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 2442 \text{ MHz}$ ;  $\sigma = 1.835 \text{ S/m}$ ;  $\epsilon_r = 38.681$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.63, 7.63, 7.63) @ 2442 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Right/WLAN 802.11b Middle/Area Scan (101x101x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 1.85 W/kg

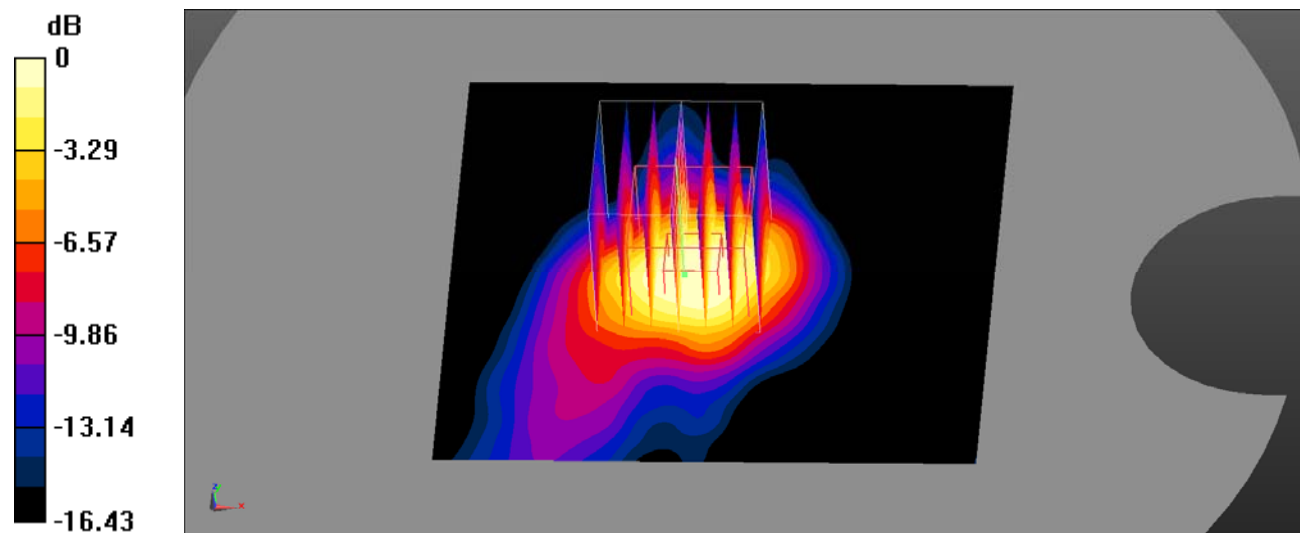
**Handheld Right/WLAN 802.11b Middle/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 27.37 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.87 W/kg

**SAR(1 g) = 1.35 W/kg; SAR(10 g) = 0.730 W/kg**

Maximum value of SAR (measured) = 1.52 W/kg



0 dB = 1.52 W/kg = 1.82 dBW/kg

**Test Plot 82#: 2.4Gwifi\_Handheld Top\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, 2.4G DTS (0); Frequency: 2442 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 2442 \text{ MHz}$ ;  $\sigma = 1.835 \text{ S/m}$ ;  $\epsilon_r = 38.681$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(7.63, 7.63, 7.63) @ 2442 MHz;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Top/WLAN 802.11b Middle/Area Scan (101x101x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.151 \text{ W/kg}$

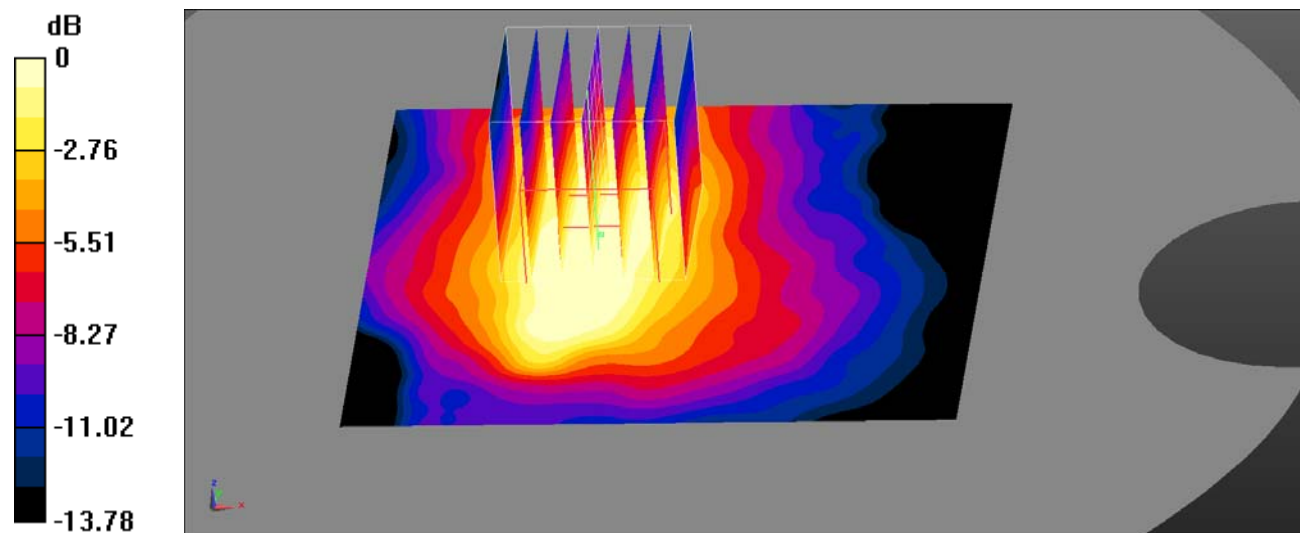
**Handheld Top/WLAN 802.11b Middle/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $5.771 \text{ V/m}$ ; Power Drift =  $-0.05 \text{ dB}$

Peak SAR (extrapolated) =  $0.155 \text{ W/kg}$

**SAR(1 g) =  $0.111 \text{ W/kg}$ ; SAR(10 g) =  $0.067 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.121 \text{ W/kg}$



0 dB =  $0.121 \text{ W/kg} = -9.17 \text{ dBW/kg}$

**Test Plot 83#: 5.2Gwifi\_Body Back\_High**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, 5.2G WiFi (0); Frequency: 5240 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 5240 \text{ MHz}$ ;  $\sigma = 4.718 \text{ S/m}$ ;  $\epsilon_r = 35.003$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(5.55, 5.55, 5.55) @ 5240 MHz;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- 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 High/Area Scan (101x101x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.203 W/kg

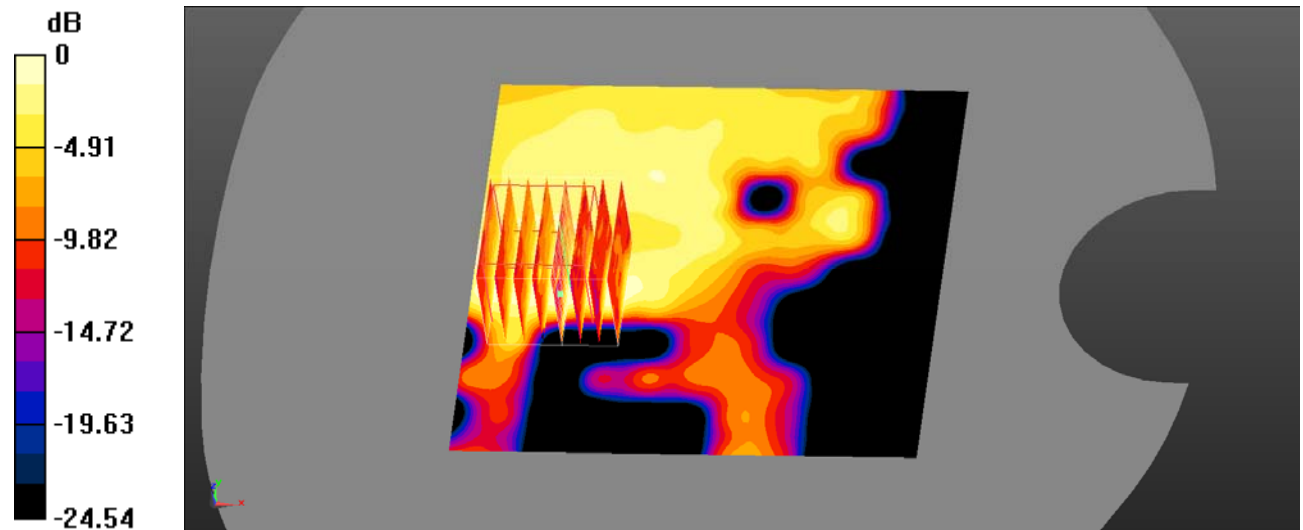
**Body Back/WLAN 5.2G 802.11a High/Zoom Scan (8x8x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value = 2.071 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.355 W/kg

**SAR(1 g) = 0.096 W/kg; SAR(10 g) = 0.040 W/kg**

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



0 dB = 0.176 W/kg = -7.54 dBW/kg

**Test Plot 84#: 5.2Gwifi\_Handheld Right\_High**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, 5.2G WiFi (0); Frequency: 5240 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 5240 \text{ MHz}$ ;  $\sigma = 4.718 \text{ S/m}$ ;  $\epsilon_r = 35.003$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(5.55, 5.55, 5.55) @ 5240 MHz;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Right/WLAN 5.2G 802.11a High/Area Scan (121x121x1):** Interpolated grid:  $dx=0.8000 \text{ mm}$ ,  $dy=0.8000 \text{ mm}$

Maximum value of SAR (interpolated) = 2.02 W/kg

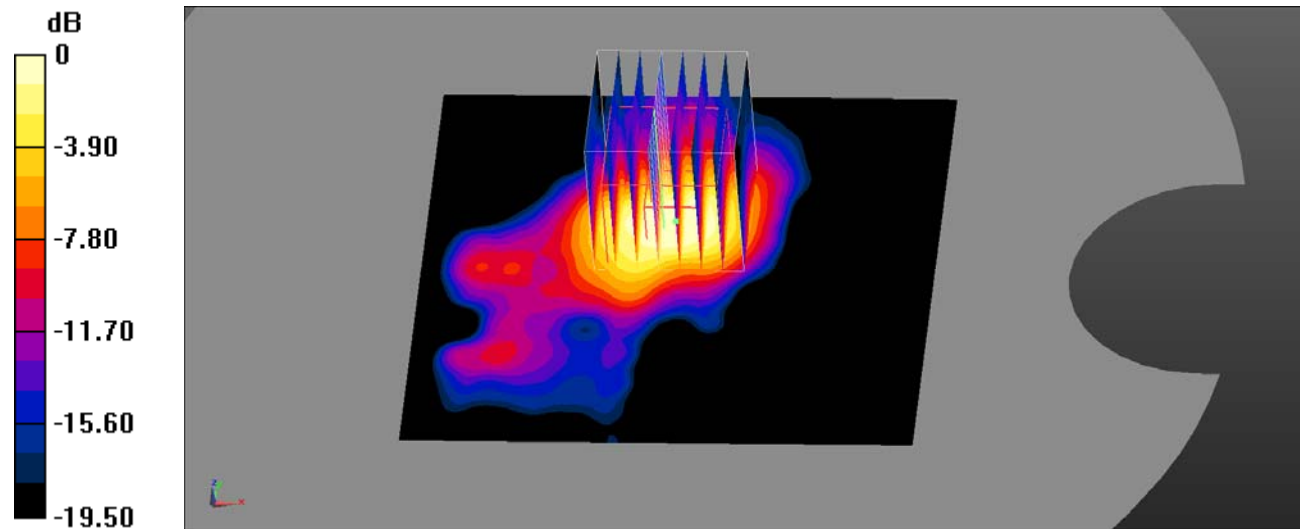
**Handheld Right/WLAN 5.2G 802.11a High/Zoom Scan (8x8x16)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value = 9.423 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.81 W/kg

**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.421 W/kg**

Maximum value of SAR (measured) = 1.62 W/kg



0 dB = 1.62 W/kg = 2.10 dBW/kg

**Test Plot 85#: 5.2Gwifi\_Handheld Top\_High**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, 5.2G WiFi (0); Frequency: 5240 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 5240 \text{ MHz}$ ;  $\sigma = 4.718 \text{ S/m}$ ;  $\epsilon_r = 35.003$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(5.55, 5.55, 5.55) @ 5240 MHz;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Top/WLAN 5.2G 802.11a High/Area Scan (121x121x1):** Interpolated grid:  $dx=0.8000 \text{ mm}$ ,  $dy=0.8000 \text{ mm}$

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

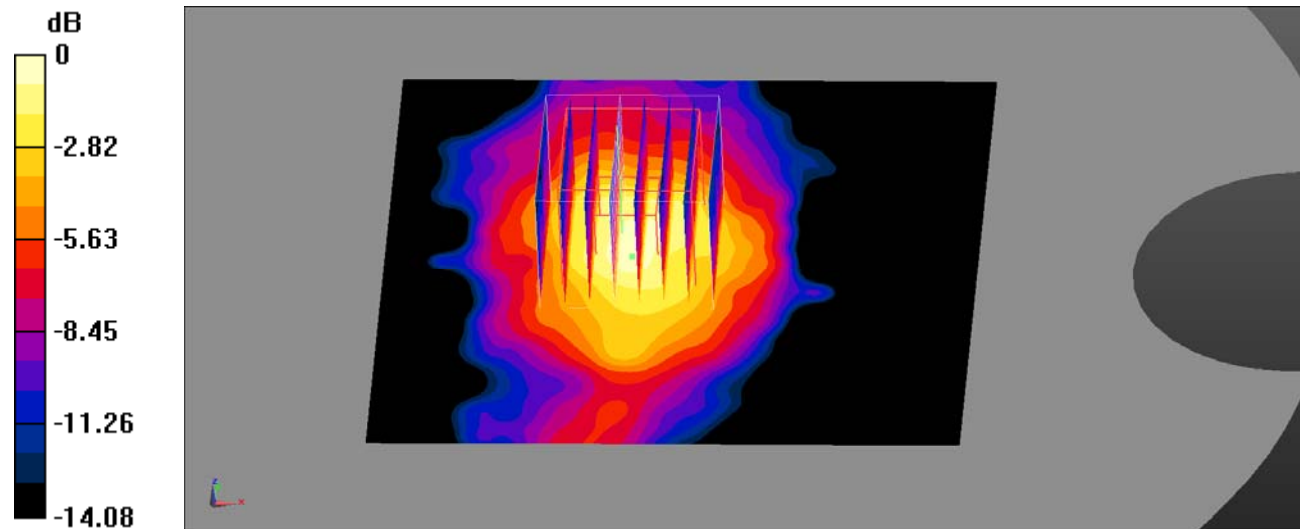
**Handheld Top/WLAN 5.2G 802.11a High/Zoom Scan (8x8x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value = 7.956 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.617 W/kg

**SAR(1 g) = 0.363 W/kg; SAR(10 g) = 0.183 W/kg**

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



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

**Test Plot 86#: 5.3Gwifi\_Body Back\_High**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, 5.3G WiFi (0); Frequency: 5320 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 5320 \text{ MHz}$ ;  $\sigma = 4.904 \text{ S/m}$ ;  $\epsilon_r = 35.451$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(5.28, 5.28, 5.28) @ 5320 MHz;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Body Back/WLAN 5.3G 802.11a High/Area Scan (101x101x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.203 W/kg

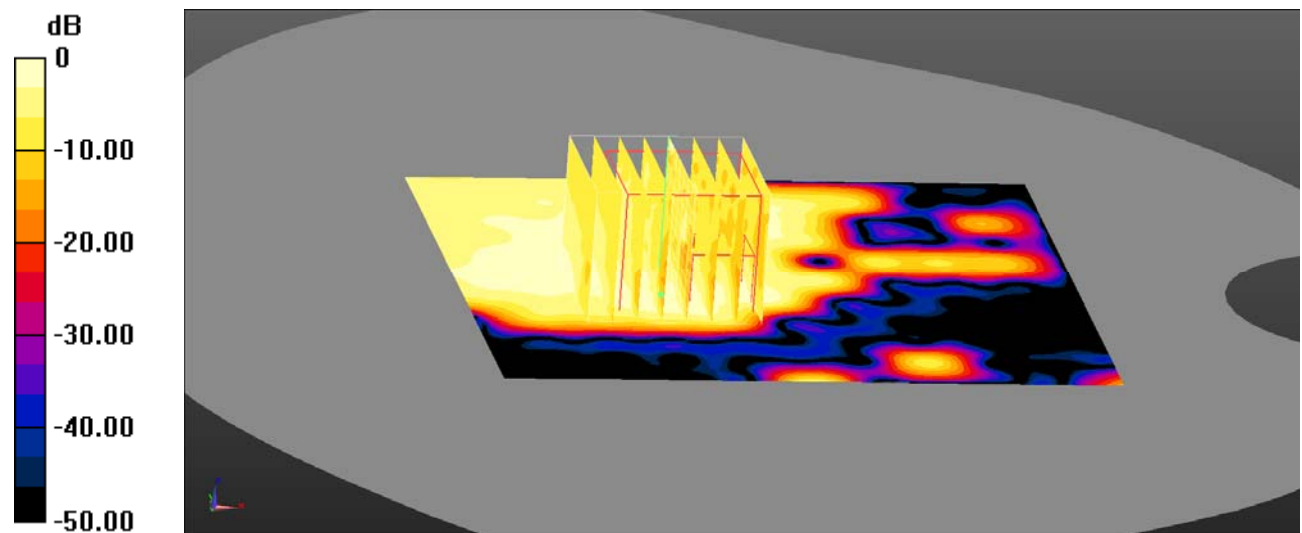
**Body Back/WLAN 5.3G 802.11a High/Zoom Scan (8x8x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value = 3.786 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.492 W/kg

**SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.020 W/kg**

Maximum value of SAR (measured) = 0.206 W/kg



0 dB = 0.206 W/kg = -6.86 dBW/kg

**Test Plot 87#: 5.3Gwifi\_Handheld Right\_High**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, 5.3G WiFi (0); Frequency: 5320 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 5320$  MHz;  $\sigma = 4.904$  S/m;  $\epsilon_r = 35.451$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(5.28, 5.28, 5.28) @ 5320 MHz;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Right/WLAN 5.3G 802.11a High/Area Scan (121x121x1):** Interpolated grid: dx=0.8000 mm, dy=0.8000 mm

Maximum value of SAR (interpolated) = 1.83 W/kg

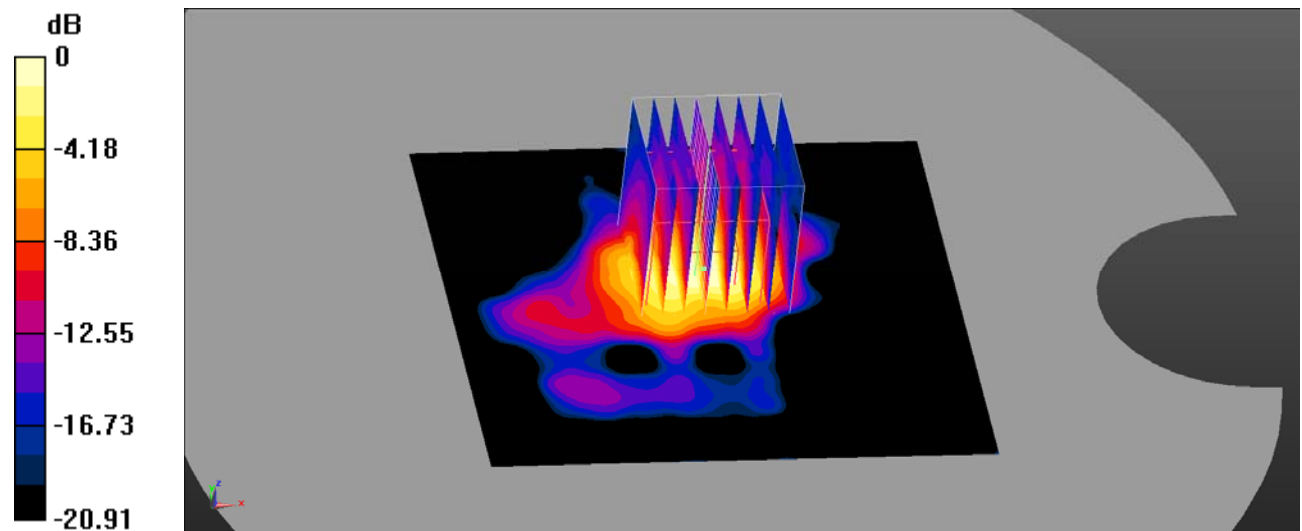
**Handheld Right/WLAN 5.3G 802.11a High/Zoom Scan (8x8x16)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.852 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.99 W/kg

**SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.416 W/kg**

Maximum value of SAR (measured) = 1.76 W/kg



0 dB = 1.76 W/kg = 2.46 dBW/kg

**Test Plot 88#: 5.3Gwifi\_Handheld Top\_High**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, 5.3G WiFi (0); Frequency: 5320 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 5320 \text{ MHz}$ ;  $\sigma = 4.904 \text{ S/m}$ ;  $\epsilon_r = 35.451$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(5.28, 5.28, 5.28) @ 5320 MHz;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Top/WLAN 5.3G 802.11a High/Area Scan (121x121x1):** Interpolated grid:  $dx=0.8000 \text{ mm}$ ,  $dy=0.8000 \text{ mm}$ .

Maximum value of SAR (interpolated) = 0.807 W/kg

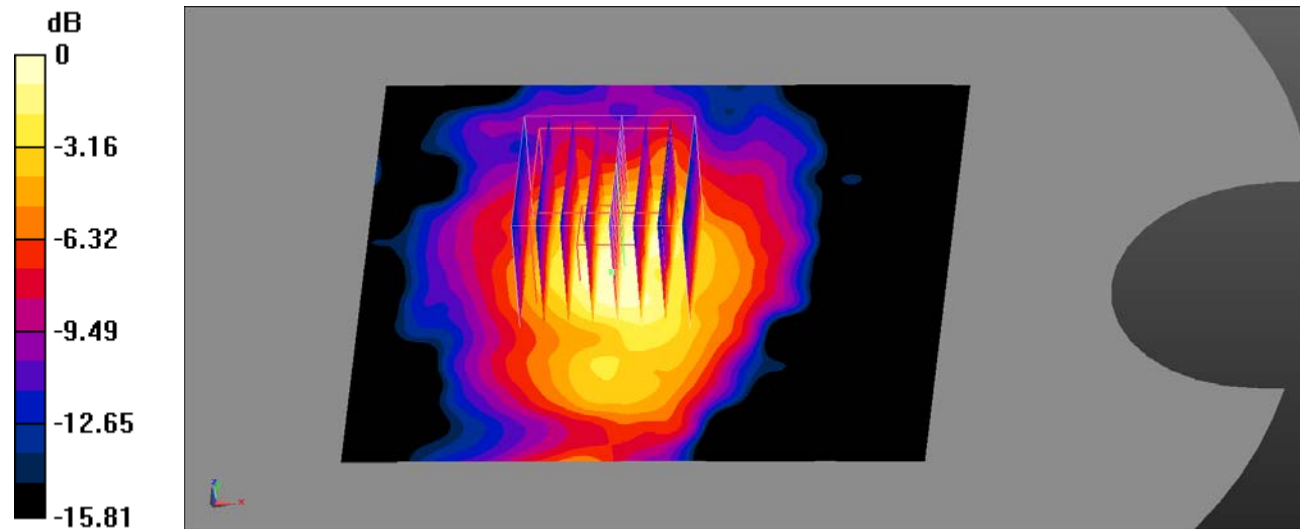
**Handheld Top/WLAN 5.3G 802.11a High/Zoom Scan (8x8x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value = 8.190 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.790 W/kg

**SAR(1 g) = 0.464 W/kg; SAR(10 g) = 0.218 W/kg**

Maximum value of SAR (measured) = 0.756 W/kg



0 dB = 0.756 W/kg = -1.21 dBW/kg



**Test Plot 89#: 5.6Gwifi\_Body Back\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, 5.6G WiFi (0); Frequency: 5500 MHz;Duty Cycle: 1:1  
 Medium parameters used:  $f = 5500 \text{ MHz}$ ;  $\sigma = 4.992 \text{ S/m}$ ;  $\epsilon_r = 35.254$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(4.76, 4.76, 4.76) @ 5500 MHz;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Body Back/WLAN 5.6G 802.11a Mid/Area Scan (101x101x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$   
 Maximum value of SAR (interpolated) = 0.280 W/kg

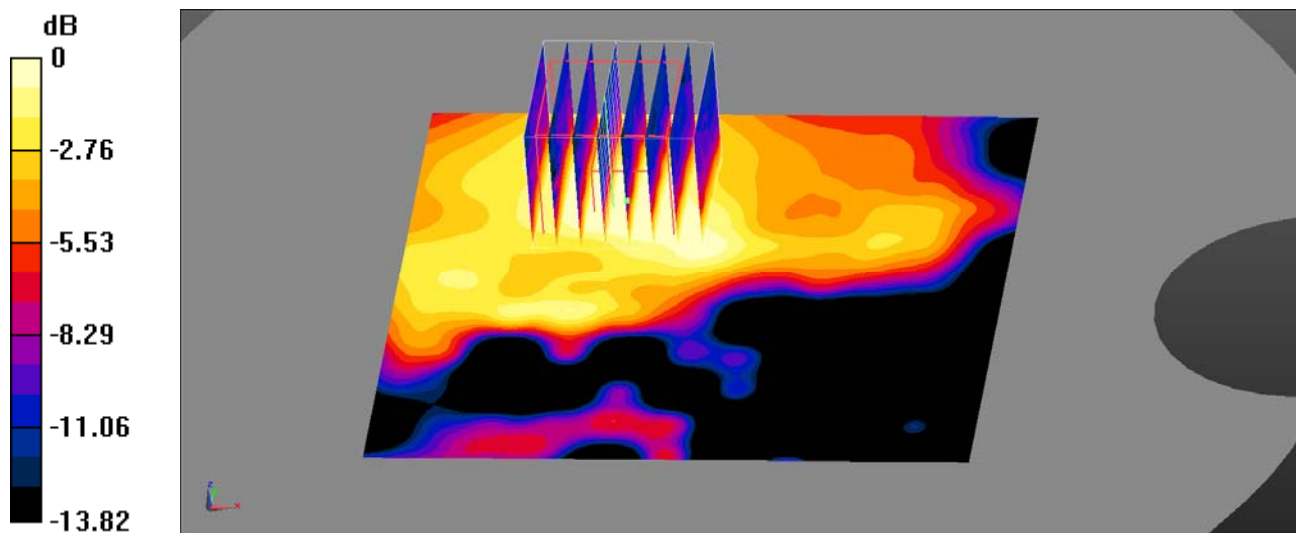
**Body Back/WLAN 5.6G 802.11a Mid/Zoom Scan (8x8x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value = 2.760 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.277 W/kg

**SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.072 W/kg**

Maximum value of SAR (measured) = 0.245 W/kg



0 dB = 0.245 W/kg = -6.11 dBW/kg

**Test Plot 90#: 5.6Gwifi\_Handheld Right\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, 5.6G WiFi (0); Frequency: 5500 MHz;Duty Cycle: 1:1  
 Medium parameters used:  $f = 5500 \text{ MHz}$ ;  $\sigma = 4.992 \text{ S/m}$ ;  $\epsilon_r = 35.254$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(4.76, 4.76, 4.76) @ 5500 MHz;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Right/WLAN 5.6G 802.11a Mid/Area Scan (101x101x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$   
 Maximum value of SAR (interpolated) = 2.07 W/kg

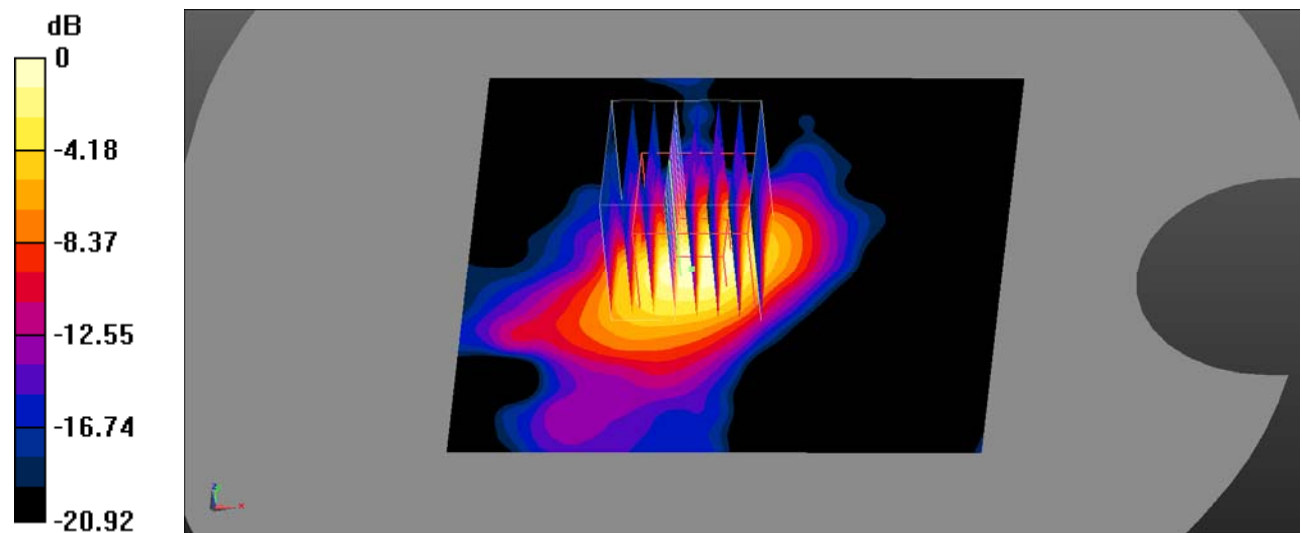
**Handheld Right/WLAN 5.6G 802.11a Mid/Zoom Scan (8x8x16)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value = 13.75 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.71 W/kg

**SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.445 W/kg**

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



0 dB = 1.92 W/kg = 2.83 dBW/kg

**Test Plot 91#: 5.6Gwifi\_Handheld Top\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, 5.6G WiFi (0); Frequency: 5500 MHz;Duty Cycle: 1:1  
 Medium parameters used:  $f = 5500 \text{ MHz}$ ;  $\sigma = 4.992 \text{ S/m}$ ;  $\epsilon_r = 35.254$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(4.76, 4.76, 4.76) @ 5500 MHz;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld Top/WLAN 5.6G 802.11a Mid/Area Scan (101x101x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$   
 Maximum value of SAR (interpolated) = 0.744 W/kg

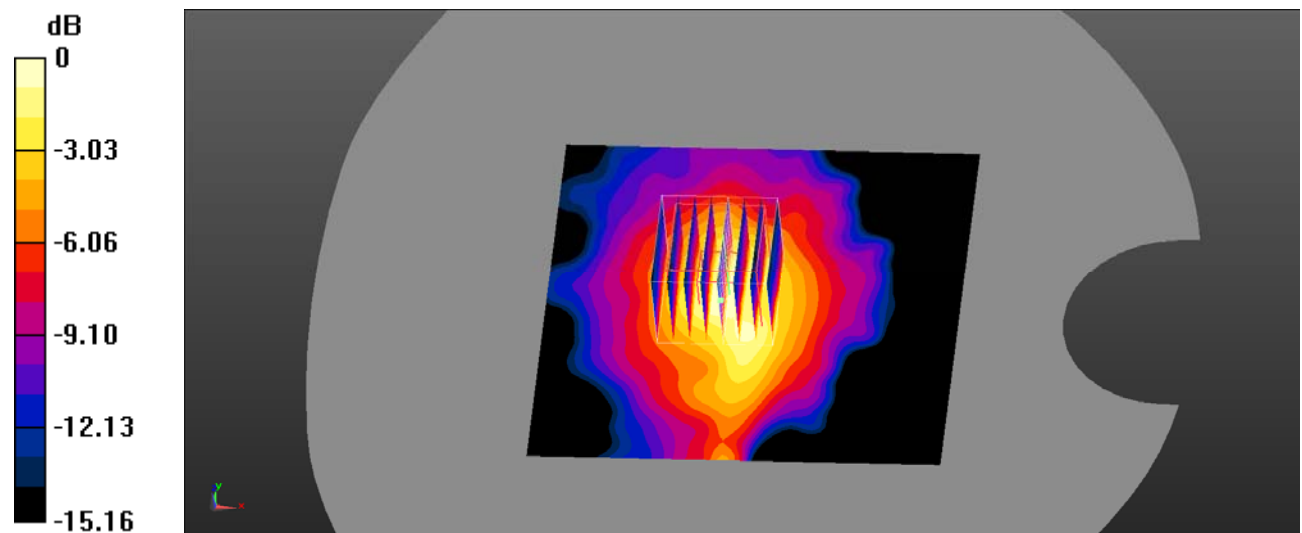
**Handheld Top/WLAN 5.6G 802.11a Mid/Zoom Scan (8x8x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value = 7.645 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.857 W/kg

**SAR(1 g) = 0.469 W/kg; SAR(10 g) = 0.221 W/kg .**

Maximum value of SAR (measured) = 0.784 W/kg



0 dB = 0.784 W/kg = -1.06 dBW/kg

**Test Plot 92#: 5.8Gwifi\_Body Back\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5785 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 5785 \text{ MHz}$ ;  $\sigma = 5.012 \text{ S/m}$ ;  $\epsilon_r = 35.848$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(4.72, 4.72, 4.72) @ 5785 MHz;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- 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 (101x101x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.287 W/kg

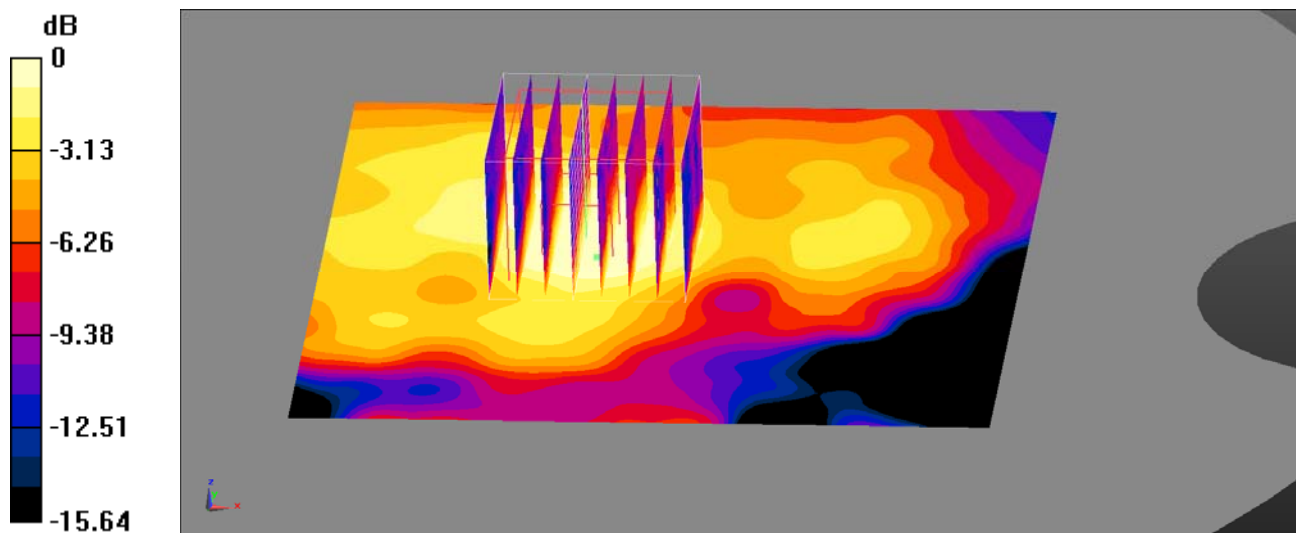
**Body Back/WLAN 5.8G 802.11a Mid/Zoom Scan (8x8x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value = 4.076 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.449 W/kg

**SAR(1 g) = 0.146 W/kg; SAR(10 g) = 0.064 W/kg**

Maximum value of SAR (measured) = 0.264 W/kg



0 dB = 0.264 W/kg = -5.78 dBW/kg

**Test Plot 93#: 5.8Gwifi\_Handheld Right\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5785 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 5785 \text{ MHz}$ ;  $\sigma = 5.012 \text{ S/m}$ ;  $\epsilon_r = 35.848$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(4.72, 4.72, 4.72) @ 5785 MHz;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld 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) = 2.27 W/kg

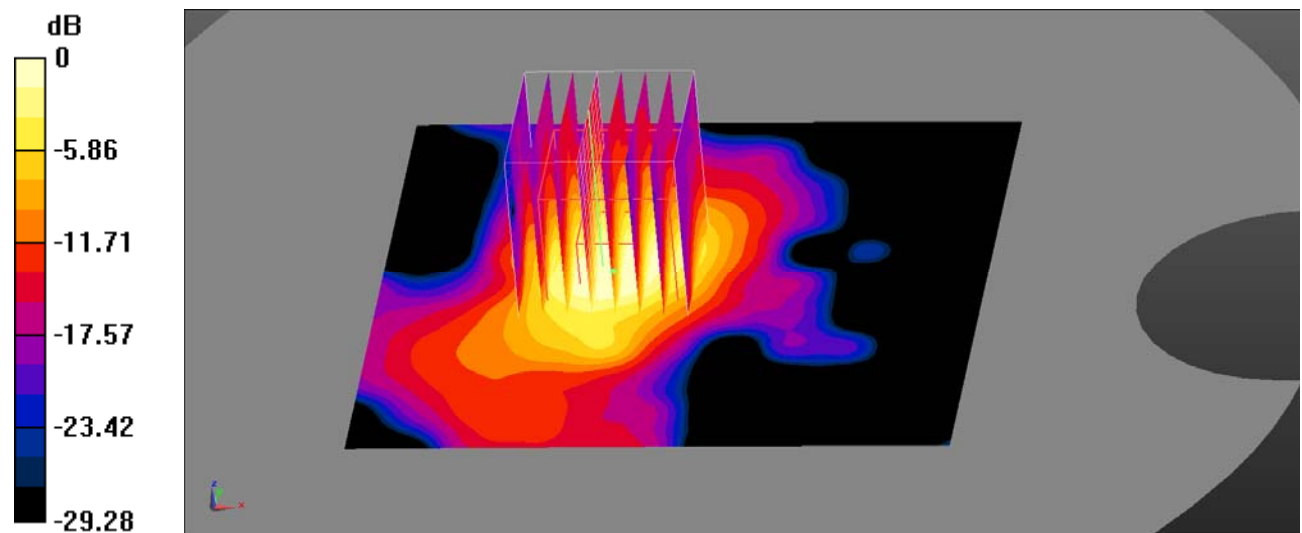
**Handheld Right/WLAN 5.8G 802.11a Mid/Zoom Scan (8x8x16)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value = 7.540 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.55 W/kg

**SAR(1 g) = 1.29 W/kg; SAR(10 g) = 0.484 W/kg**

Maximum value of SAR (measured) = 2.04 W/kg



0 dB = 2.04 W/kg = 3.10 dBW/kg

**Test Plot 94#: 5.8Gwifi\_Handheld Top\_Middle**

**DUT: Smart POS Terminal; Type:A90; Serial: SZXX1210425-13732E-SA-S1;**

Communication System: UID 0, 5.8G Wi-Fi (0); Frequency: 5785 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 5785 \text{ MHz}$ ;  $\sigma = 5.012 \text{ S/m}$ ;  $\epsilon_r = 35.848$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7441; ConvF(4.72, 4.72, 4.72) @ 5785 MHz;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 SN1562;Calibrated: 1/19/2021
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (2);

**Handheld 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) = 0.746 W/kg

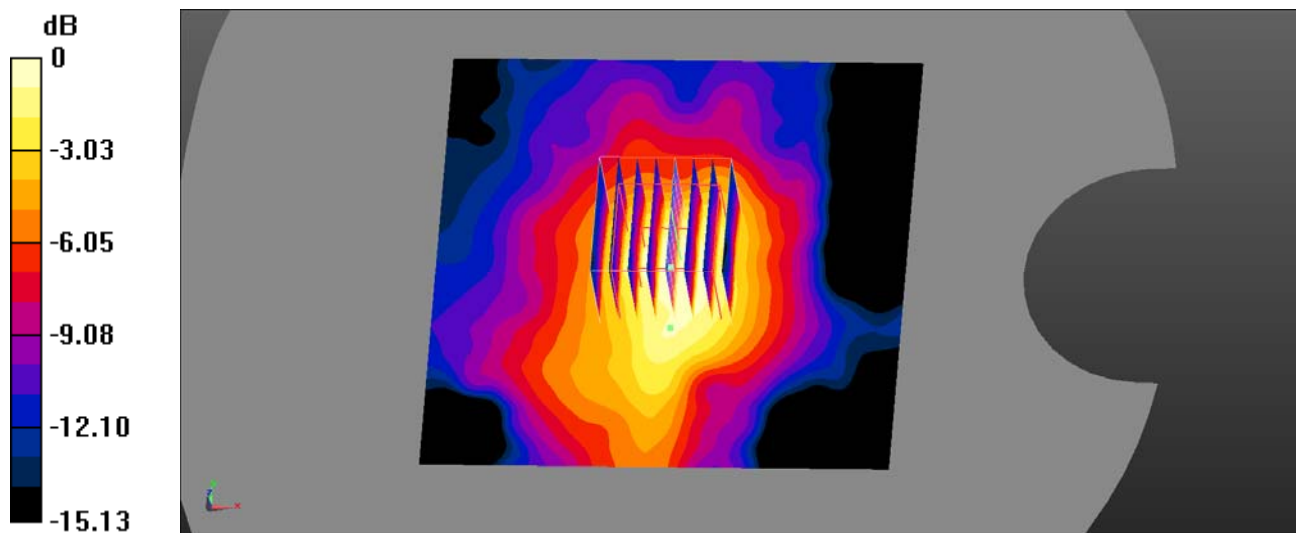
**Handheld Top/WLAN 5.8G 802.11a Mid/Zoom Scan (8x8x12)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value = 8.425 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.751 W/kg

**SAR(1 g) = 0.409 W/kg; SAR(10 g) = 0.205 W/kg**

Maximum value of SAR (measured) = 0.685 W/kg



0 dB = 0.685 W/kg = -1.64 dBW/kg