

## Appendix C:Plots of SAR test Data

### LTE-Band 2-CH19100-Body Back

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 2,  
E-UTRA/FDD (1850.0 - 1910.0 MHz); Frequency: 1900 MHz;  
Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.359$  S/m;  $\epsilon_r = 38.715$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

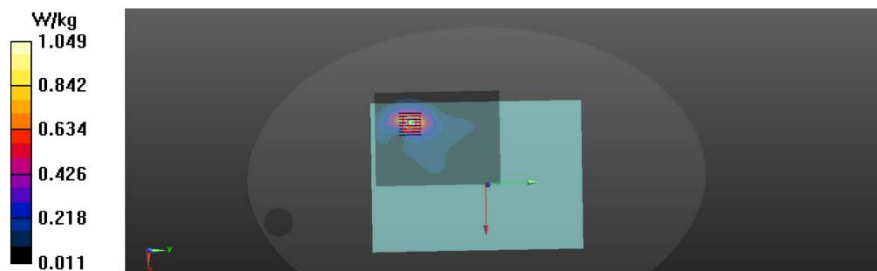
DASY Configuration:

- Probe: EX3DV4 - SN3959; ConvF(7.78, 8.16, 7.8); Calibrated: 9/10/2025;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn387; Calibrated: 13/10/2025
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2058
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Area Scan (121x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.05 W/kg

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=5mm  
Reference Value = 4.258 V/m; Power Drift = -0.16 dB  
Peak SAR (extrapolated) = 1.43 W/kg  
**SAR(1 g) = 0.886 W/kg; SAR(10 g) = 0.496 W/kg**

Maximum value of SAR (measured) = 0.976 W/kg



### LTE-Band 4-CH20175-Body Back

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 4,  
E-UTRA/FDD (1710.0 - 1755.0 MHz); Frequency: 1732.5 MHz;  
Medium parameters used (interpolated):  $f = 1732.5$  MHz;  $\sigma = 1.316$  S/m;  $\epsilon_r = 38.915$ ;  $\rho = 1000$   
kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3959; ConvF(8.02, 8.41, 8.04); Calibrated: 9/10/2025;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn387; Calibrated: 13/10/2025
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2058
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Area Scan (121x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.486 W/kg

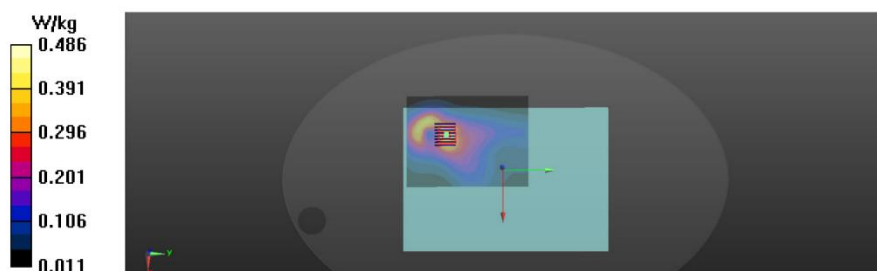
**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=5mm

Reference Value = 5.931 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.709 W/kg

**SAR(1 g) = 0.427 W/kg; SAR(10 g) = 0.250 W/kg**

Maximum value of SAR (measured) = 0.466 W/kg



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### LTE-Band 5-CH20525-Body Back

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 5,  
E-UTRA/FDD (824.0 - 849.0 MHz); Frequency: 836.5 MHz;  
Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.931$  S/m;  $\epsilon_r = 41.425$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3959; ConvF(9.61, 10.08, 9.63); Calibrated: 9/10/2025;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn387; Calibrated: 13/10/2025
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2058
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Area Scan (121x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.124 W/kg

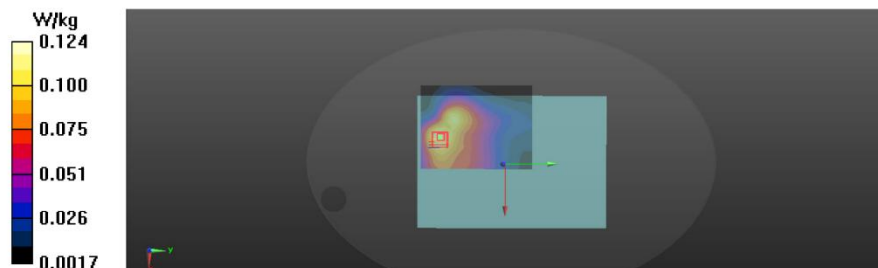
**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=5mm

Reference Value = 4.281 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.156 W/kg

**SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.083 W/kg**

Maximum value of SAR (measured) = 0.126 W/kg



### LTE-Band 12-CH23095-Body Back

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 12,  
E-UTRA/FDD (698.0 - 716.0 MHz); Frequency: 707.5 MHz;  
Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.924$  S/m;  $\epsilon_r = 44.213$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3959; ConvF(9.82, 10.29, 9.84); Calibrated: 9/10/2025;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn387; Calibrated: 13/10/2025
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2058
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Area Scan (121x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.106 W/kg

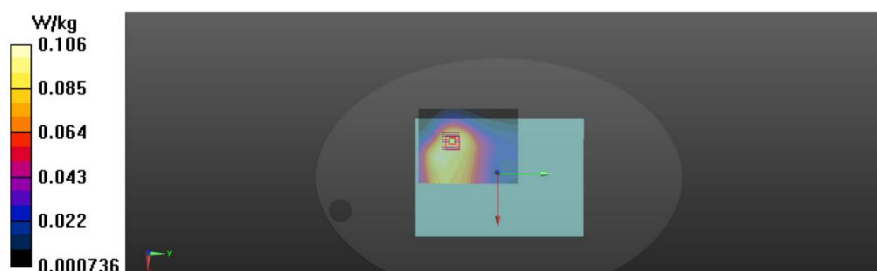
**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=5mm

Reference Value = 5.008 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.153 W/kg

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

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



### LTE-Band 13-CH23230-Body Back

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 13,  
E-UTRA/FDD (777.0 - 787.0 MHz); Frequency: 782 MHz;  
Medium parameters used (interpolated):  $f = 782 \text{ MHz}$ ;  $\sigma = 0.929 \text{ S/m}$ ;  $\epsilon_r = 43.621$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3959; ConvF(9.82, 10.29, 9.84); Calibrated: 9/10/2025;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn387; Calibrated: 13/10/2025
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2058
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Area Scan (121x161x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.204 \text{ W/kg}$

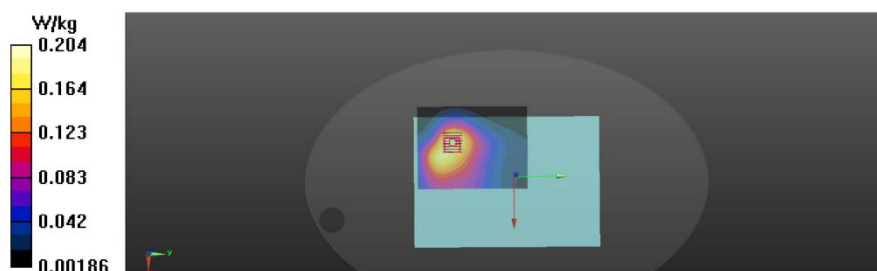
**Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $5.124 \text{ V/m}$ ; Power Drift =  $0.13 \text{ dB}$

Peak SAR (extrapolated) =  $0.299 \text{ W/kg}$

**SAR(1 g) =  $0.191 \text{ W/kg}$ ; SAR(10 g) =  $0.125 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.205 \text{ W/kg}$



### LTE-Band 17-CH23780-Body Back

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 17,  
E-UTRA/FDD (704.0 - 716.0 MHz); Frequency: 709 MHz;  
Medium parameters used (interpolated):  $f = 709$  MHz;  $\sigma = 0.925$  S/m;  $\epsilon_r = 44.208$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3959; ConvF(9.82, 10.29, 9.84); Calibrated: 9/10/2025;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn387; Calibrated: 13/10/2025
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2058
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Area Scan (121x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.107 W/kg

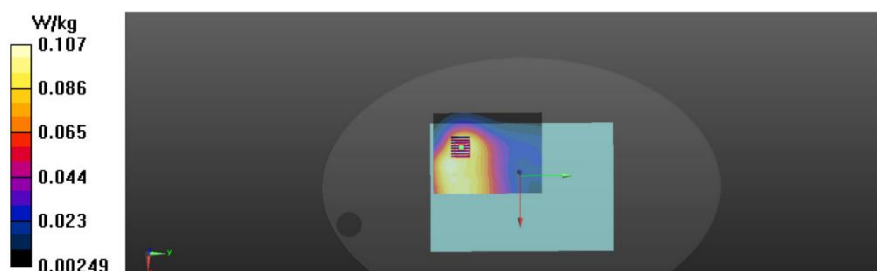
**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=5mm

Reference Value = 5.013 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.144 W/kg

**SAR(1 g) = 0.096 W/kg; SAR(10 g) = 0.066 W/kg**

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



### LTE-Band26-CH26925-Body Back

Communication System: UID 0, Generic LTE (0); Communication System Band: Band 26,  
E-UTRA/FDD (814.0 - 849.0 MHz); Frequency: 841.5 MHz;  
Medium parameters used (interpolated):  $f = 841.5$  MHz;  $\sigma = 0.935$  S/m;  $\epsilon_r = 42.418$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3959; ConvF(9.61, 10.08, 9.63); Calibrated: 9/10/2025;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn387; Calibrated: 13/10/2025
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2058
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Area Scan (121x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

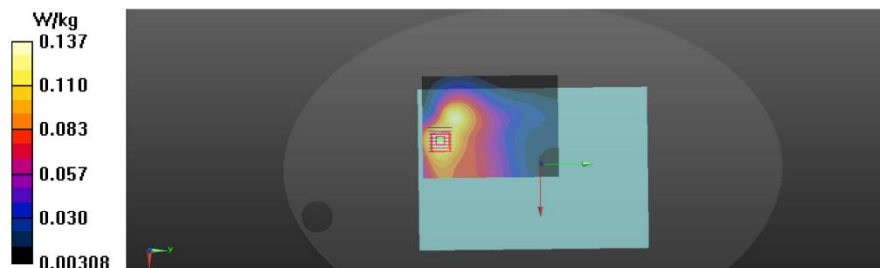
**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=5mm

Reference Value = 4.172 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.169 W/kg

**SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.091 W/kg**

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



### WLAN 2.4G-B-CH11-Body Back

Communication System: UID 0, wifi (0); Communication System Band: wifi; Frequency: 2462 MHz;

Medium parameters used (interpolated):  $f = 2462$  MHz;  $\sigma = 1.859$  S/m;  $\epsilon_r = 37.715$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3959; ConvF(7.26, 7.62, 7.28); Calibrated: 9/10/2025;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn387; Calibrated: 13/10/2025
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2058
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Area Scan (121x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.286 W/kg

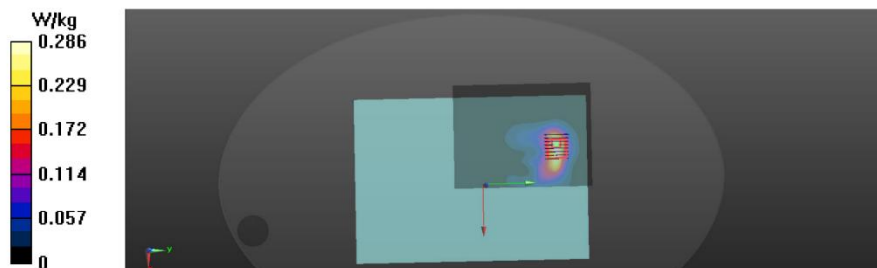
**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=5mm

Reference Value = 2.183 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.542 W/kg

**SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.126 W/kg**

Maximum value of SAR (measured) = 0.282 W/kg



### RLAN 5.2G-A-CH36-Body Back

Communication System: UID 0, 802.11a (0); Communication System Band: U-NII-1; Frequency: 5180 MHz;

Medium parameters used (interpolated):  $f = 5180$  MHz;  $\sigma = 4.784$  S/m;  $\epsilon_r = 36.816$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3959; ConvF(5.7, 5.98, 5.71); Calibrated: 9/10/2025;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn387; Calibrated: 13/10/2025
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2058
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Area Scan (121x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.365 W/kg

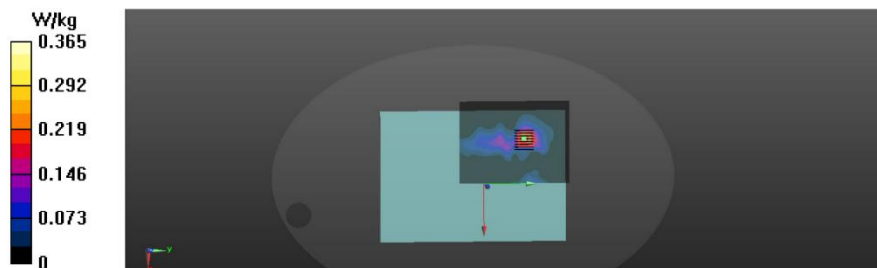
**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=5mm

Reference Value = 0.603 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.26 W/kg

**SAR(1 g) = 0.326 W/kg; SAR(10 g) = 0.120 W/kg**

Maximum value of SAR (measured) = 0.324 W/kg



### RLAN 5.8G-A-CH149-Body Back

Communication System: UID 0, 802.11a (0); Communication System Band: U-NII-3; Frequency: 5745 MHz;

Medium parameters used (interpolated):  $f = 5745$  MHz;  $\sigma = 5.083$  S/m;  $\epsilon_r = 34.821$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3959; ConvF(5.35, 5.61, 5.36); Calibrated: 9/10/2025;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn387; Calibrated: 13/10/2025
- Phantom: ELI v8.0; Type: QDOVA004AA; Serial: 2058
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Area Scan (121x161x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.312 W/kg

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=5mm

Reference Value = 0.295 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.853 W/kg

**SAR(1 g) = 0.280 W/kg; SAR(10 g) = 0.098 W/kg**

Maximum value of SAR (measured) = 0.316 W/kg

