



Appendix B

Detailed Test Results

1. LTE
LTE Band 5 for Body
LTE Band 41 for Body



Test Laboratory: LCS-SAR Lab

LTE Band 5 10M QPSK 1RB0 20600CH Front side 0mm

DUT: Pet GPS Tracker & Health Monitor; Type: C08; Serial: A240603190-1

Communication System: UID 0, LTE-FDD (0); Frequency: 844 MHz; Duty Cycle: 1:1

Medium parameters used: $f=844$ MHz; $\sigma = 0.896$ S/m; $\epsilon_r = 42.541$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.26, 9.26, 9.26); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.271 W/kg

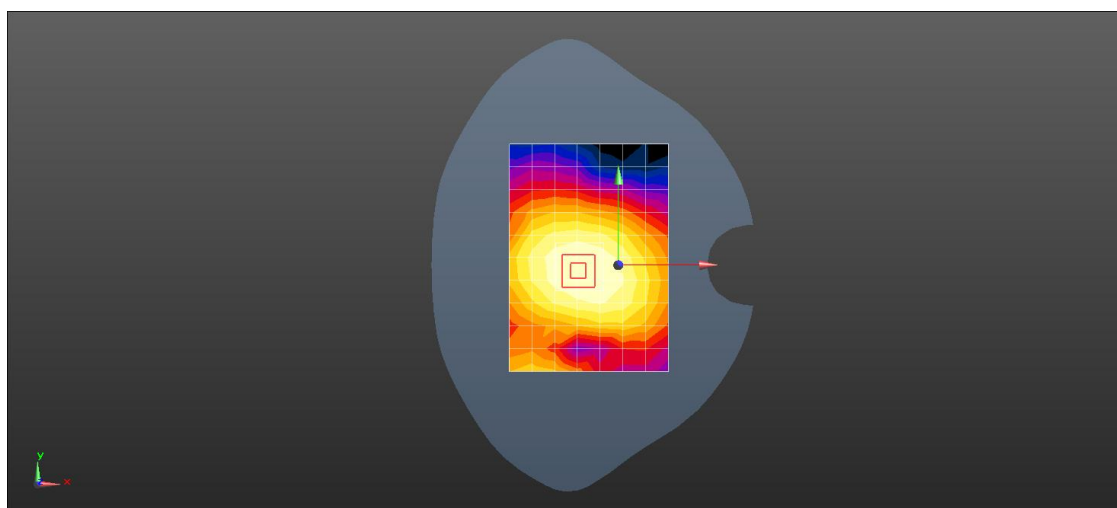
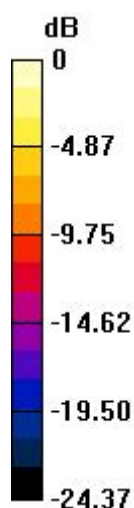
Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.63 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.375 W/kg

SAR(1 g) = 0.221 W/kg; SAR(10 g) = 0.135 W/kg

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



0 dB = 0.252 W/kg = -5.99 dBW/kg



Date: 2024/6/14

Test Laboratory: LCS-SAR Lab

LTE Band 41 20M QPSK 1RB99 39750CH Front side 0mm**DUT: Pet GPS Tracker & Health Monitor; Type: C08; Serial: A240603190-1**

Communication System: UID 0, LTE-FDD (0); Frequency: 2506 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2506$ MHz; $\sigma = 1.766$ S/m; $\epsilon_r = 40.354$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.42, 7.42, 7.42); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.498 W/kg

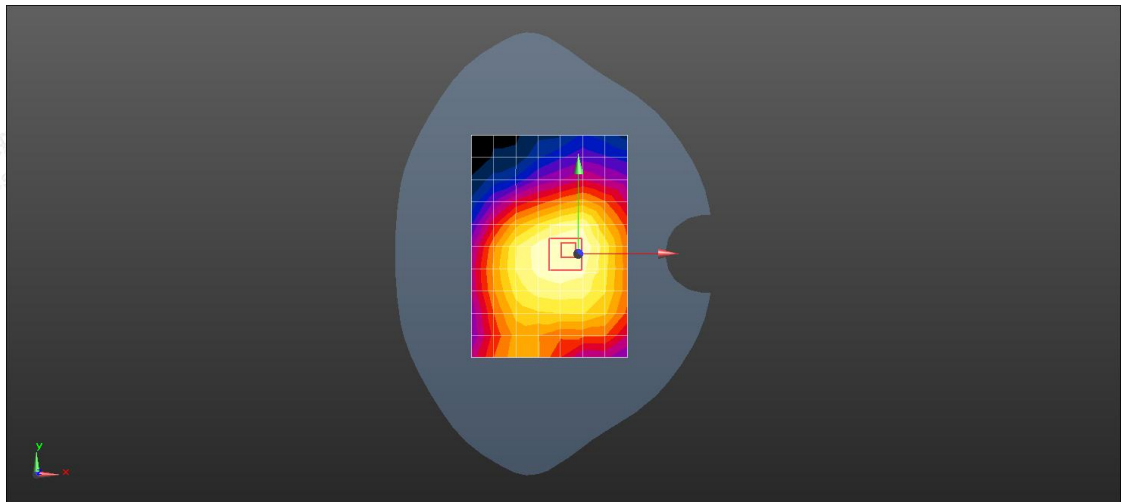
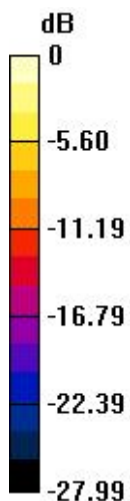
Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.32 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.744 W/kg

SAR(1 g) = 0.405 W/kg; SAR(10 g) = 0.266 W/kg

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



0 dB = 0.486 W/kg = -3.13 dBW/kg



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