Appendix B

Detailed Test Results

1.LTE
LTE Band 2 for Head& Body
LTE Band 4 for Head& Body
LTE Band 5 for Head& Body
LTE Band 7 for Head& Body
LTE Band 12 for Head& Body
LTE Band 13 for Head& Body
LTE Band 41 for Head& Body

Date: 2025/4/25

Test Laboratory: LCS-SAR Lab

LTE Band 2 20M QPSK 19100CH 1RB99 Rear side 0mm

DUT: Pawfit Lite GPS pet tracker (Pawfit Lite, Pawfit Lite For Cats, Pawfit Lite For Dogs) ; Type: TR3C; Serial: A250401044-1

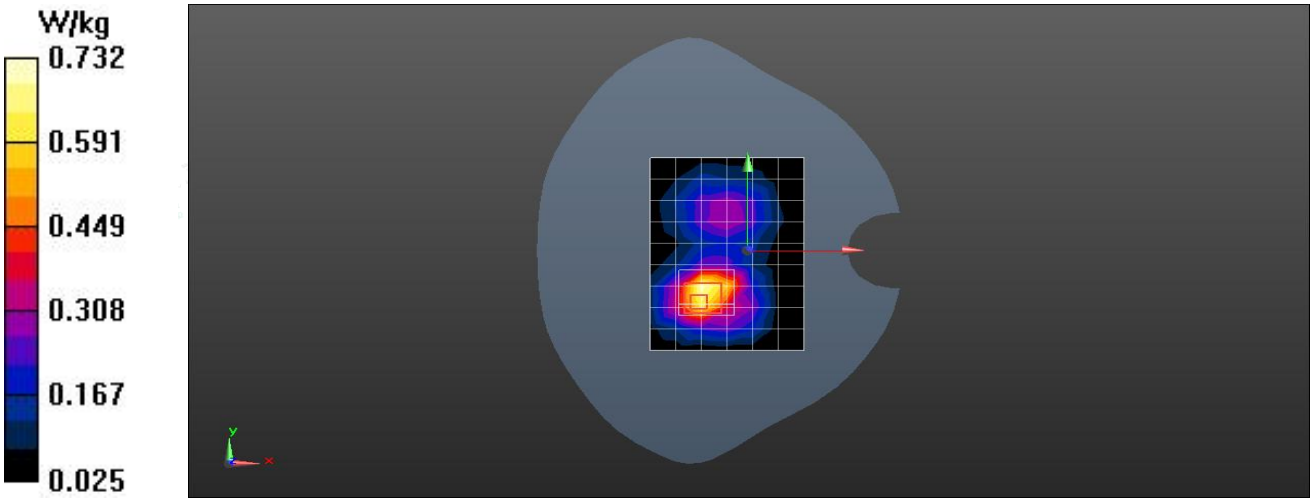
Communication System: UID 0, LTE-FDD (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.389 S/m; ε_r = 39.237; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.80, 7.80, 7.80); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.756 W/kg

Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.46 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.974 W/kg
SAR(1 g) = 0.483 W/kg; SAR(10 g) = 0.256 W/kg
Maximum value of SAR (measured) = 0.732 W/kg



Date: 2025/4/24

Test Laboratory: LCS-SAR Lab

LTE Band 4 20M QPSK 20300CH 1RB99 Rear side 0mm

DUT: Pawfit Lite GPS pet tracker (Pawfit Lite, Pawfit Lite For Cats, Pawfit Lite For Dogs) ; Type: TR3C; Serial: A250401044-1

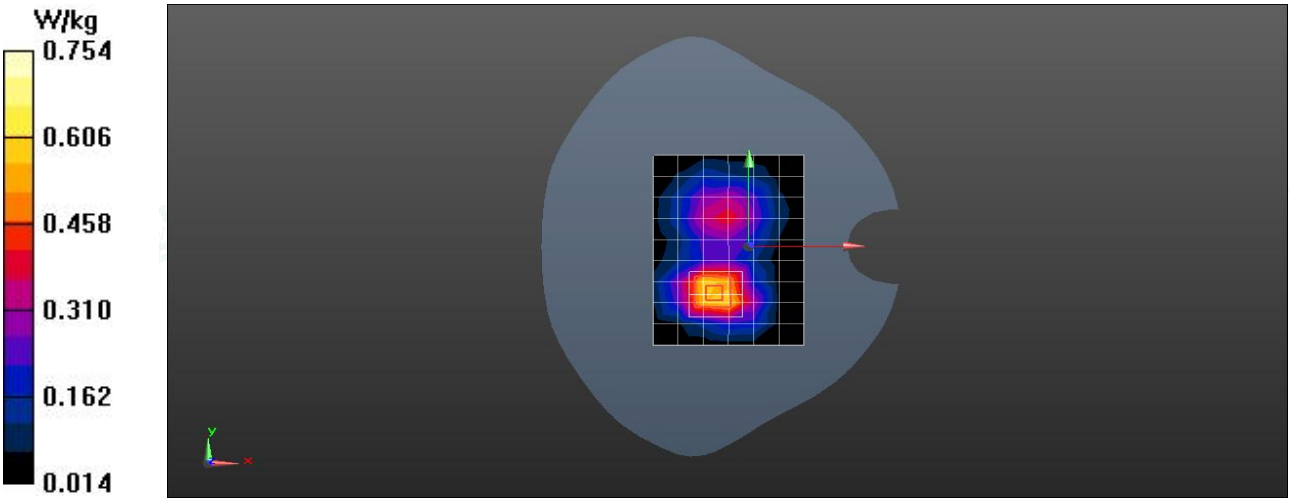
Communication System: UID 0, LTE-TDD (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.384 S/m; ε_r = 40.766; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.14, 8.14, 8.14); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.782 W/kg

Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.26 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.07W/kg
SAR(1 g) = 0.523 W/kg; SAR(10 g) = 0.274 W/kg
Maximum value of SAR (measured) = 0.754 W/kg



Date: 2025/4/23

Test Laboratory: LCS-SAR Lab

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

DUT: Pawfit Lite GPS pet tracker (Pawfit Lite, Pawfit Lite For Cats, Pawfit Lite For Dogs) ; Type: TR3C; Serial: A250401044-1

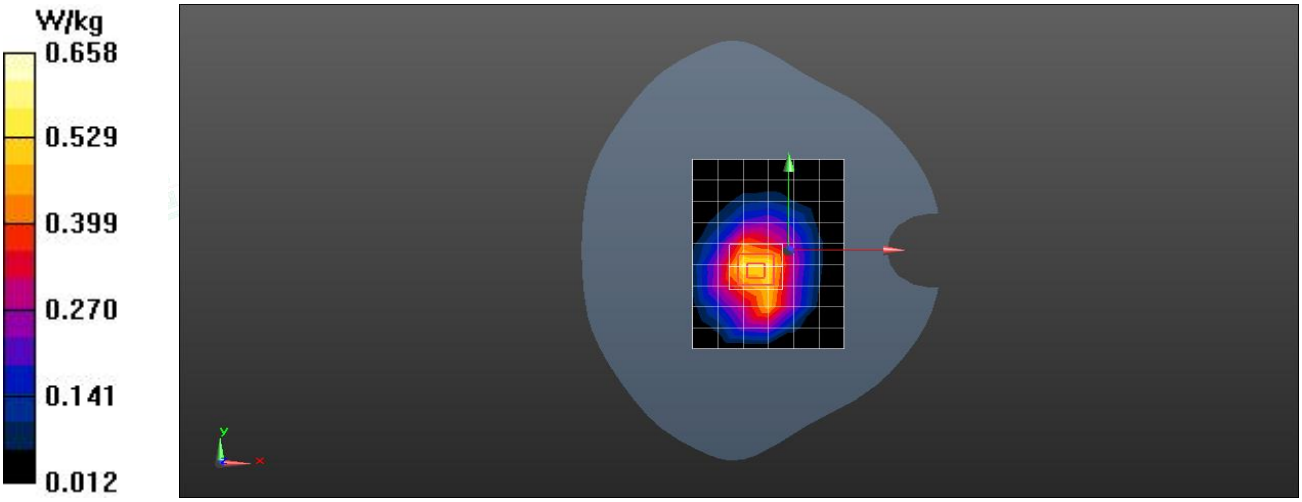
Communication System: UID 0, LTE-FDD (0); Frequency: 844 MHz;Duty Cycle: 1:1
Medium parameters used: f = 844 MHz; σ = 0.881 S/m; ε_r = 40.571; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.08, 9.08, 9.08); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.683 W/kg

Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value =9.246 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.862 W/kg
SAR(1 g) = 0.395 W/kg; SAR(10 g) = 0.204 W/kg
Maximum value of SAR (measured) = 0.658 W/kg



Date: 2025/4/26

Test Laboratory: LCS-SAR Lab

LTE Band 7 20M QPSK 20850CH 1RB99 Rear side 0mm

DUT: Pawfit Lite GPS pet tracker (Pawfit Lite, Pawfit Lite For Cats, Pawfit Lite For Dogs) ; Type: TR3C; Serial: A250401044-1

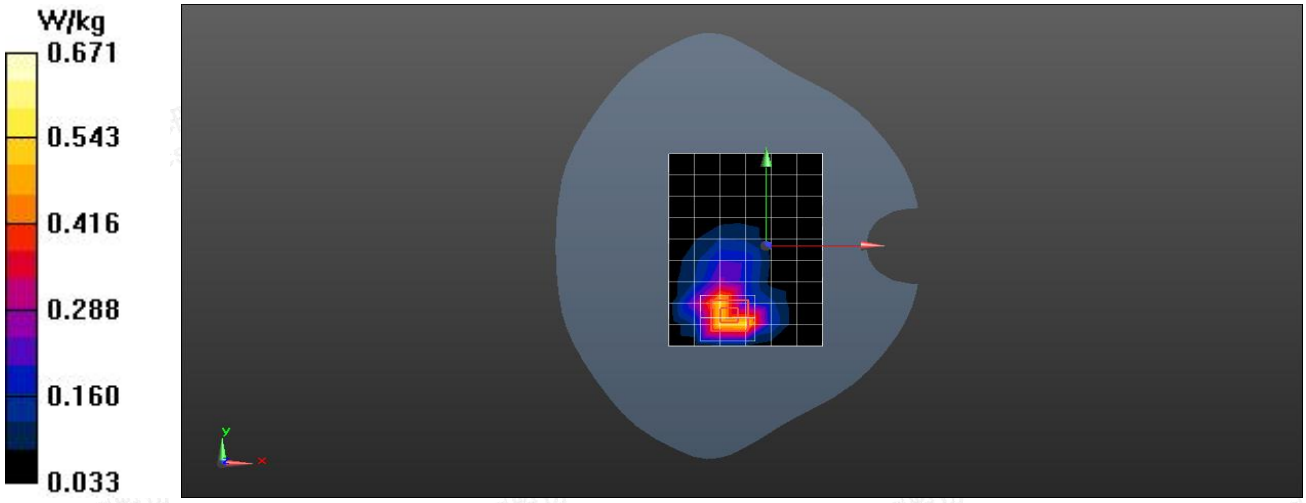
Communication System: UID 0, LTE-FDD (0); Frequency: 2510 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2510 MHz; σ = 1.974 S/m; ε_r = 39.524; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.25, 7.25, 7.25); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.697 W/kg

Configuration/ Body /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.238 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.963 W/kg
SAR(1 g) = 0.462 W/kg; SAR(10 g) = 0.243 W/kg
Maximum value of SAR (measured) = 0.671 W/kg



Date: 2025/4/22

Test Laboratory: LCS-SAR Lab

LTE Band 12 10M QPSK 23095CH 1RB0 Rear side 0mm

DUT: Pawfit Lite GPS pet tracker (Pawfit Lite, Pawfit Lite For Cats, Pawfit Lite For Dogs) ; Type: TR3C; Serial: A250401044-1

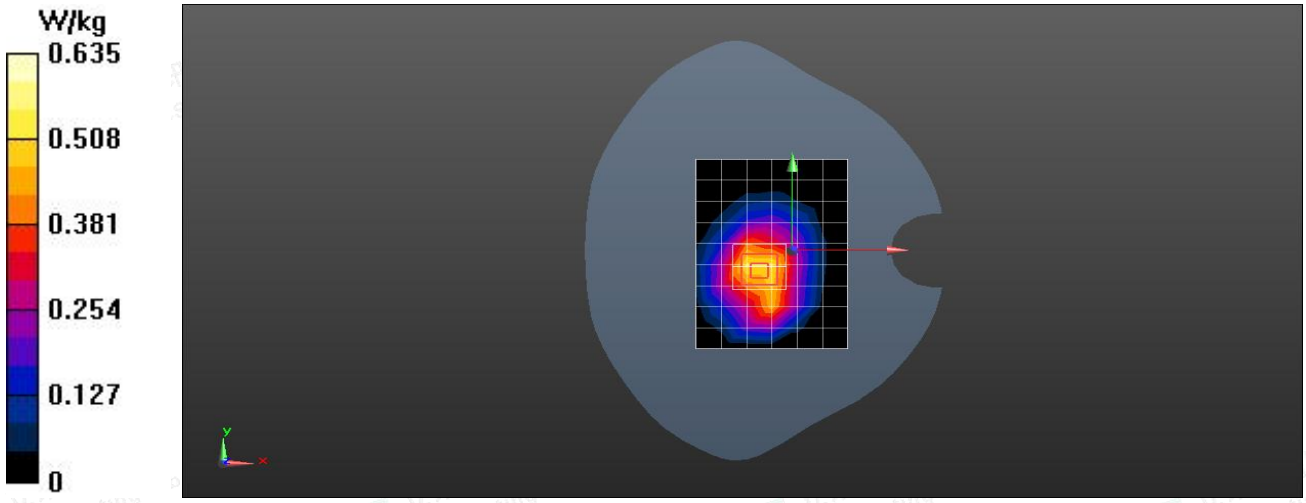
Communication System: UID 0, LTE-FDD (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 707.5 MHz; σ = 0.894 S/m; ε_r = 42.611; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.48, 9.48, 9.48); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.892 W/kg

Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.46 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.929 W/kg
SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.264 W/kg
Maximum value of SAR (measured) = 0.635 W/kg



Date: 2025/4/22

Test Laboratory: LCS-SAR Lab

LTE Band 13 10M QPSK 23230CH 1RB0 Rear side 0mm

DUT: Pawfit Lite GPS pet tracker (Pawfit Lite, Pawfit Lite For Cats, Pawfit Lite For Dogs) ; Type: TR3C; Serial: A250401044-1

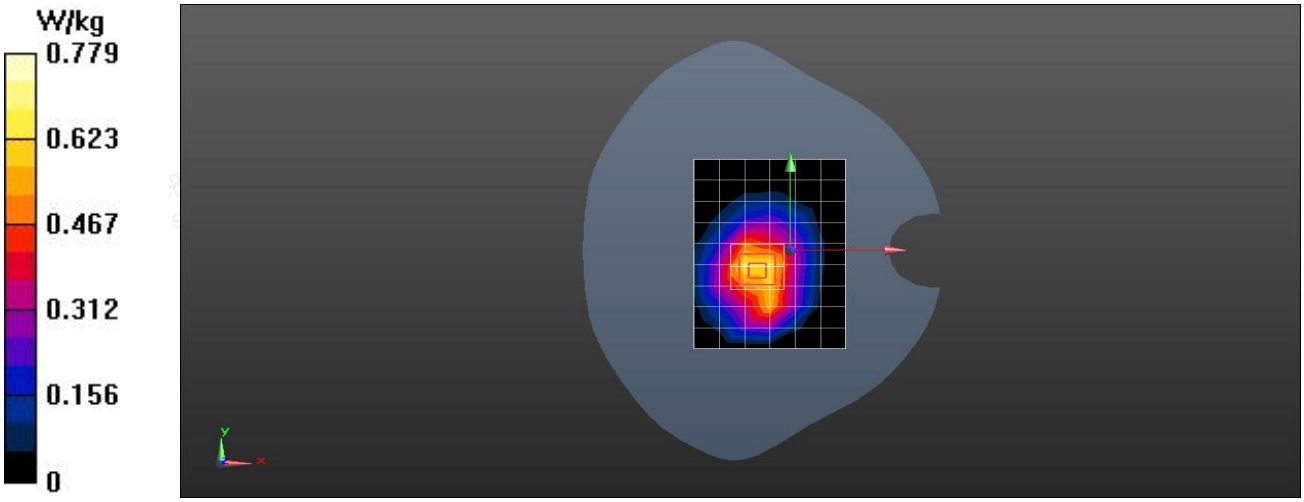
Communication System: UID 0, LTE-FDD (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used: f = 782 MHz; σ = 0.908 S/m; ε_r = 41.953; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.48, 9.48, 9.48); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.796 W/kg

Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.52 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.518 W/kg; SAR(10 g) = 0.267 W/kg
Maximum value of SAR (measured) = 0.779 W/kg



Date: 2025/4/26

Test Laboratory: LCS-SAR Lab

LTE Band 41 20M QPSK 40620CH 1RB0 Rear side 0mm

DUT: Pawfit Lite GPS pet tracker (Pawfit Lite, Pawfit Lite For Cats, Pawfit Lite For Dogs) ; Type: TR3C; Serial: A250401044-1

Communication System: UID 0, LTE-FDD (0); Frequency: 2593 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2593 MHz; σ = 1.934 S/m; ε_r = 38.935; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.25, 7.25, 7.25); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.834 W/kg

Configuration/ Body /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.28 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.519 W/kg; SAR(10 g) = 0.271 W/kg
Maximum value of SAR (measured) = 0.811 W/kg