Appendix B Test Plots

Appendix B.1 Test Plots for WCDMA2 Cellular Ant1

Date/Time: 2024-02-28 18:14:53

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: WCDMA2 Cellular Ant1_Right Edge_CH9400.da53:0

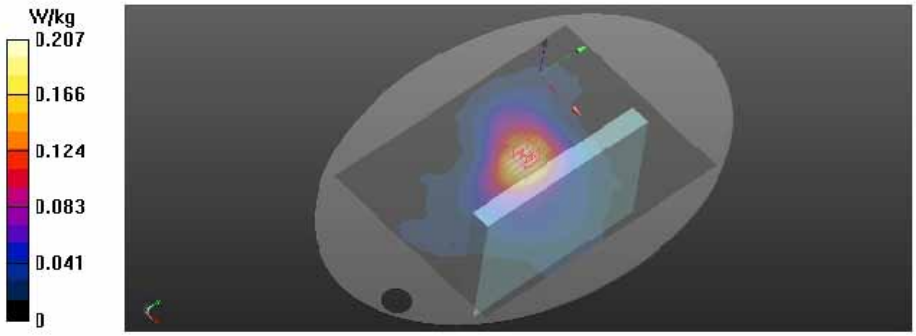
DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006970

Communication System: UID 0, WCDMA2 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.413 S/m; ε_r = 38.928; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY52 Configuration:
- Probe: EX3DV4 - SN7574; ConvF(7.94, 7.94, 7.94) @ 1880 MHz; Calibrated: 2023-07-18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1430; Calibrated: 2023-03-22
- Phantom: ELI v5.0 1169; Type: QDOVA002AA; Serial: TP:1169
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/WCDMA2 Cellular Ant1_Right Edge_CH9400/Area Scan (181x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.207 W/kg

Body/WCDMA2 Cellular Ant1_Right Edge_CH9400/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.46 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.242 W/kg
SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.097 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 60%
Maximum value of SAR (measured) = 0.207 W/kg



Appendix B.2 Test Plots for WCDMA2 Cellular Ant3

Date/Time: 2024-03-19 10:03:44

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: WCDMA2 Cellular Ant3_Right Edge_CH9400.da53:0

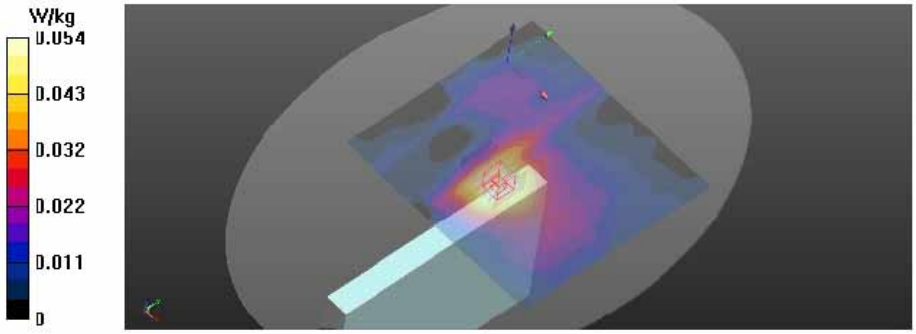
DUT: TFBMEIBN2E9; Type: Telematics device; Serial: 355353850006970

Communication System: UID 0, WCDMA2 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.446 S/m; ε_r = 39.41; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY52 Configuration:
- Probe: EX3DV4 - SN7574, ConvF(7.94, 7.94, 7.94) @ 1880 MHz, Calibrated: 2023-07-18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1507; Calibrated: 2023-09-20
- Phantom: ELI v5.0 1169; Type: QDOVA002AA; Serial: TP:1169
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/WCDMA2 Cellular Ant3_Right Edge_CH9400/Area Scan (171x161x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0538 W/kg

Body/WCDMA2 Cellular Ant3_Right Edge_CH9400/Zoom Scan (7x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.101 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.0640 W/kg
SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.024 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 58.8%
Maximum value of SAR (measured) = 0.0525 W/kg



Appendix B.3 Test Plots for WCDMA5 Cellular Ant1

Date/Time: 2024-02-28 19:55:55

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: WCDMA5 Cellular Ant1_Front_CH4183.da53:0

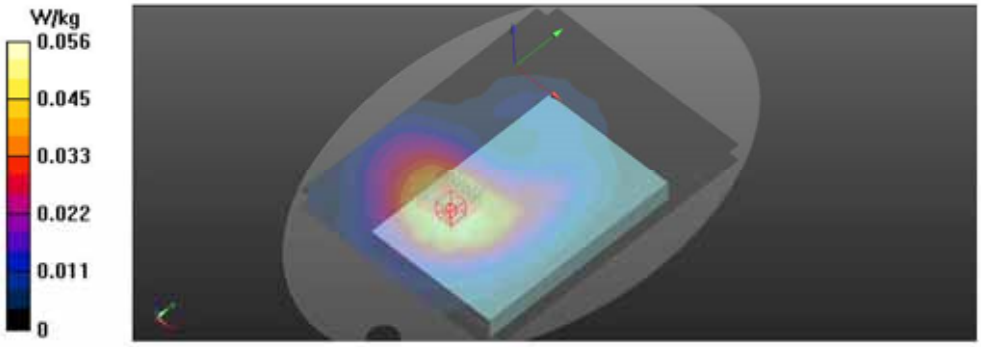
DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006940

Communication System: UID 0, WCDMA (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 837 MHz; σ = 0.921 S/m; ε_r = 41.232; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY52 Configuration:
- Probe: EX3DV4 - SN3791; ConvF(8.79, 8.79, 8.79) @ 836.6 MHz; Calibrated: 2023-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1503; Calibrated: 2023-08-28
- Phantom: ELI v5.0 1244; Type: QDOVA002AA; Serial: TP:1244
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/WCDMA5 Cellular Ant1_Front_CH4183/Area Scan (201x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0558 W/kg

Body/WCDMA5 Cellular Ant1_Front_CH4183/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.599 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.0600 W/kg
SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.035 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 73.9%
Maximum value of SAR (measured) = 0.0559 W/kg



Appendix B.4 Test Plots for WCDMA5 Cellular Ant3

Date/Time: 2024-03-27 09:52:24

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: WCDMA5 Cellular Ant3_Front_CH4183.da53:0

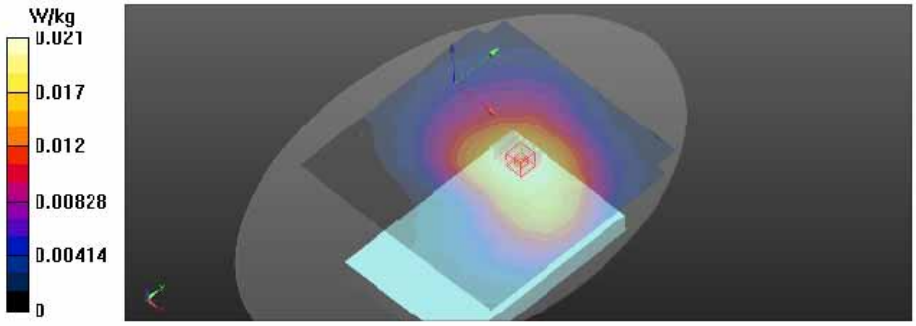
DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006940

Communication System: UID 0, WCDMA (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 837 MHz; σ = 0.905 S/m; ε_r = 41.91; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY52 Configuration:
- Probe: EX3DV4 - SN3791, ConvF(8.79, 8.79, 8.79) @ 836.6 MHz, Calibrated: 2023-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1503; Calibrated: 2023-08-28
- Phantom: ELI v5.0 1244; Type: QDOVA002AA; Serial: TP:1244
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/WCDMA5 Cellular Ant3_Front_CH4183/Area Scan (201x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0207 W/kg

Body/WCDMA5 Cellular Ant3_Front_CH4183/Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.820 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.0210 W/kg
SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.012 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 70.9%
Maximum value of SAR (measured) = 0.0190 W/kg



Appendix B.5 Test Plots for LTE7 Cellular Ant1

Date/Time: 2024-03-04 16:45:47

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: LTE7 Cellular Ant1_Right Edge_20MHz_1@50_QPSK_CH21100.da53:0

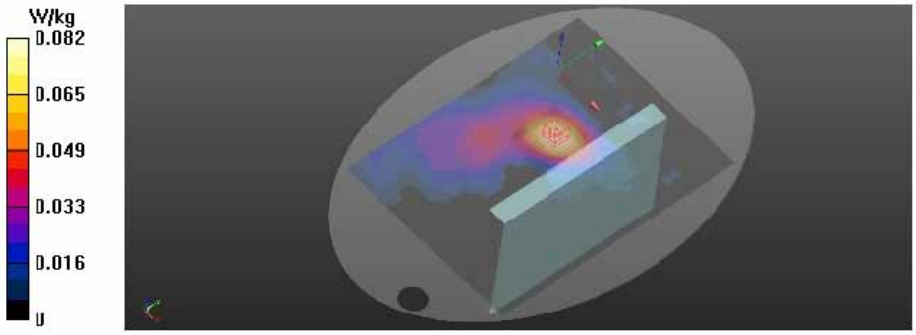
DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006970

Communication System: UID 0, LTE Band 7 (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 1.917 S/m; ε_r = 38.751; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY52 Configuration:
- Probe: EX3DV4 - SN7574, ConvF(7.11, 7.11, 7.11) @ 2535 MHz, Calibrated: 2023-07-18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1430; Calibrated: 2023-03-22
- Phantom: ELI v5.0 1169; Type: QDOVA002AA; Serial: TP:1169
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/LTE7 Cellular Ant1_Right Edge_20MHz_1@50_QPSK_CH21100/Area Scan (231x311x1):
Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0815 W/kg

Body/LTE7 Cellular Ant1_Right Edge_20MHz_1@50_QPSK_CH21100/Zoom Scan (12x15x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.776 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.104 W/kg
SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.034 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 52.3%
Maximum value of SAR (measured) = 0.0842 W/kg



Appendix B.6 Test Plots for LTE7 Cellular Ant3

Date/Time: 2024-03-20 01:23:53

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: LTE7 Cellular Ant3_Right Edge_20MHz_1@50_QPSK_CH21100.da53:0

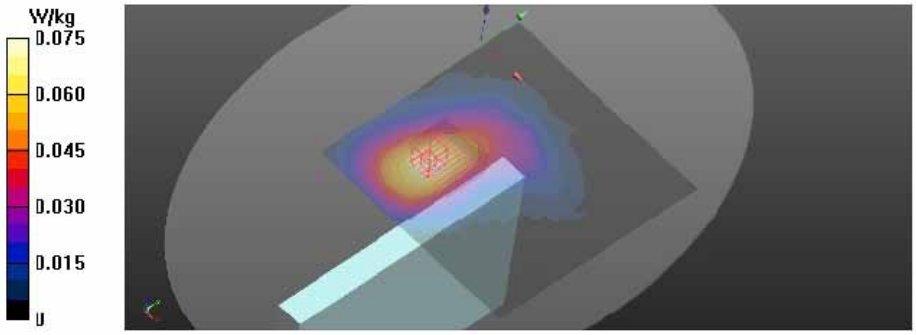
DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006970

Communication System: UID 0, LTE Band 7 (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 1.901 S/m; ε_r = 40; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY52 Configuration:
- Probe: EX3DV4 - SN7574, ConvF(7.11, 7.11, 7.11) @ 2535 MHz, Calibrated: 2023-07-18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1507; Calibrated: 2023-09-20
- Phantom: ELI v5.0 1169; Type: QDOVA002AA; Serial: TP:1169
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/LTE7 Cellular Ant3_Right Edge_20MHz_1@50_QPSK_CH21100/Area Scan (191x191x1):
Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0750 W/kg

Body/LTE7 Cellular Ant3_Right Edge_20MHz_1@50_QPSK_CH21100/Zoom Scan (11x10x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.445 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.0900 W/kg
SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.030 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 53.4%
Maximum value of SAR (measured) = 0.0733 W/kg



Appendix B.7 Test Plots for LTE12 Cellular Ant1

Date/Time: 2024-03-04 19:04:38

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: LTE12 Cellular Ant1_Front_10MHz_1@0_QPSK_CH23095.da53:0

DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006940

Communication System: UID 0, LTE FDD (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.872 S/m; ε_r = 43.703; ρ = 1000 kg/m^3
Phantom section: Flat Section

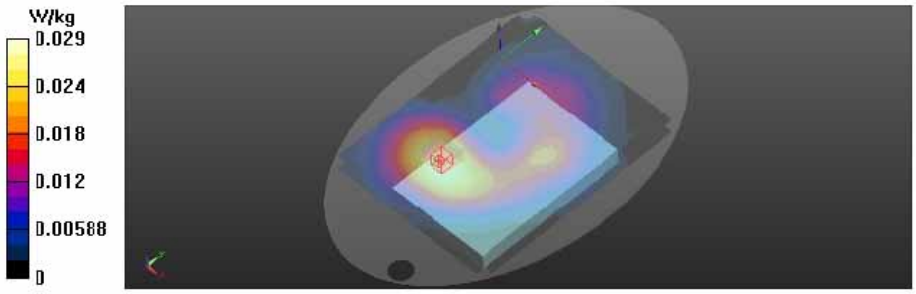
DASY52 Configuration:
- Probe: EX3DV4 - SN3791, ConvF(9, 9, 9) @ 707.5 MHz, Calibrated: 2023-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1503; Calibrated: 2023-08-28
- Phantom: ELI v5.0 1244; Type: QDOVA002AA; Serial: TP:1244
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/LTE12 Cellular Ant1_Front_10MHz_1@0_QPSK_CH23095/Area Scan (201x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.0294 W/kg

Body/LTE12 Cellular Ant1_Front_10MHz_1@0_QPSK_CH23095/Zoom Scan (6x6x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.707 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.0320 W/kg
SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.021 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 77.9%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0299 W/kg



Appendix B.8 Test Plots for LTE12 Cellular Ant3

Date/Time: 2024-03-23 04:20:46

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: LTE12 Cellular Ant3_Front_10MHz_1@0_QPSK_CH23095.da53:0

DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006940

Communication System: UID 0, LTE FDD (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.867 S/m; ε_r = 41.402; ρ = 1000 kg/m^3
Phantom section: Flat Section

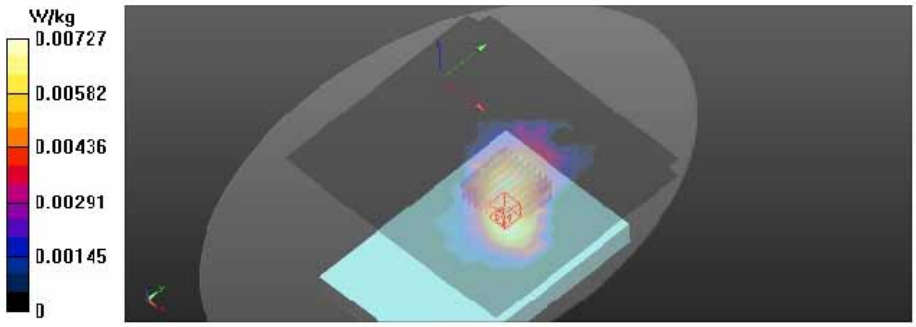
DASY52 Configuration:
- Probe: EX3DV4 - SN3791, ConvF(9, 9, 9) @ 707.5 MHz, Calibrated: 2023-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1503; Calibrated: 2023-08-28
- Phantom: ELI v5.0 1244; Type: QDOVA002AA; Serial: TP:1244
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/LTE12 Cellular Ant3_Front_10MHz_1@0_QPSK_CH23095/Area Scan (201x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.00727 W/kg

Body/LTE12 Cellular Ant3_Front_10MHz_1@0_QPSK_CH23095/Zoom Scan (9x9x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.944 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.00811 W/kg
SAR(1 g) = 0.00594 W/kg; SAR(10 g) = 0.00454 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 71.4%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.00723 W/kg



Appendix B.9 Test Plots for LTE13 Cellular Ant1

Date/Time: 2024-02-28 13:16:00

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: LTE13 Cellular Ant1_Front_10MHz_1@49_QPSK_CH23230.da53:0

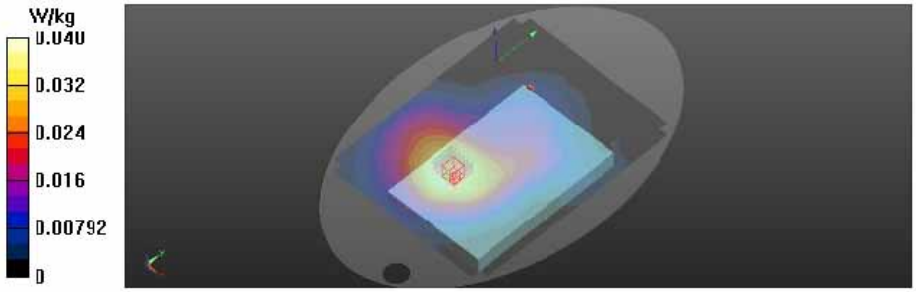
DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006940

Communication System: UID 0, LTE FDD (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used: f = 782 MHz; σ = 0.903 S/m; ε_r = 43.502; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY52 Configuration:
- Probe: EX3DV4 - SN3791; ConvF(9, 9, 9) @ 782 MHz; Calibrated: 2023-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1503; Calibrated: 2023-08-28
- Phantom: ELI v5.0 1244; Type: QDOVA002AA; Serial: TP:1244
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/LTE13 Cellular Ant1_Front_10MHz_1@49_QPSK_CH23230/Area Scan (201x251x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0396 W/kg

Body/LTE13 Cellular Ant1_Front_10MHz_1@49_QPSK_CH23230/Zoom Scan (6x6x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.562 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.0420 W/kg
SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.025 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 76.9%
Maximum value of SAR (measured) = 0.0385 W/kg



Appendix B.10 Test Plots for LTE13 Cellular Ant3

Date/Time: 2024-03-22 19:51:14

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: LTE13 Cellular Ant3_Front_10MHz_1@49_QPSK_CH23230.da53:0

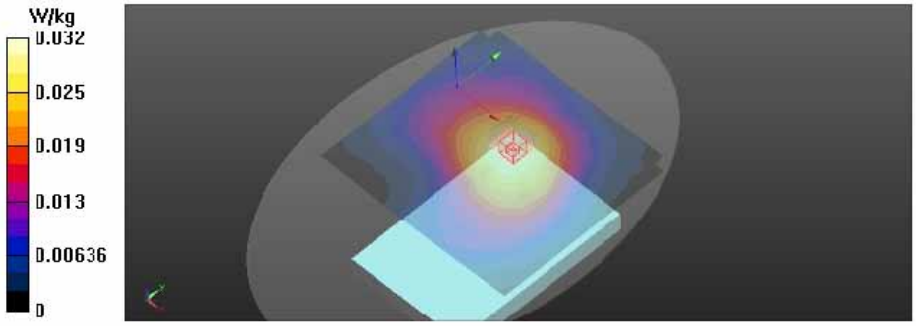
DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006940

Communication System: UID 0, LTE FDD (0); Frequency: 782 MHz;Duty Cycle: 1:1
Medium parameters used: f = 782 MHz; σ = 0.915 S/m; ε_r = 40.599; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY52 Configuration:
- Probe: EX3DV4 - SN3791; ConvF(9, 9, 9) @ 782 MHz; Calibrated: 2023-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1503; Calibrated: 2023-08-28
- Phantom: ELI v5.0 1244; Type: QDOVA002AA; Serial: TP:1244
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/LTE13 Cellular Ant3_Front_10MHz_1@49_QPSK_CH23230/Area Scan (201x181x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0318 W/kg

Body/LTE13 Cellular Ant3_Front_10MHz_1@49_QPSK_CH23230/Zoom Scan (6x6x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.301 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.0340 W/kg
SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.019 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 75.7%
Maximum value of SAR (measured) = 0.0314 W/kg



Appendix B.11 Test Plots for LTE25 Cellular Ant1

Date/Time: 2024-02-29 13:37:30

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: LTE25 Cellular Ant1_Right Edge_20MHz_1@0_QPSK_CH26365.da53:0

DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006970

Communication System: UID 0, LTE Band 25 (0); Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1882.5 MHz; σ = 1.422 S/m; ε_r = 39.265; ρ = 1000 kg/m^3
Phantom section: Flat Section

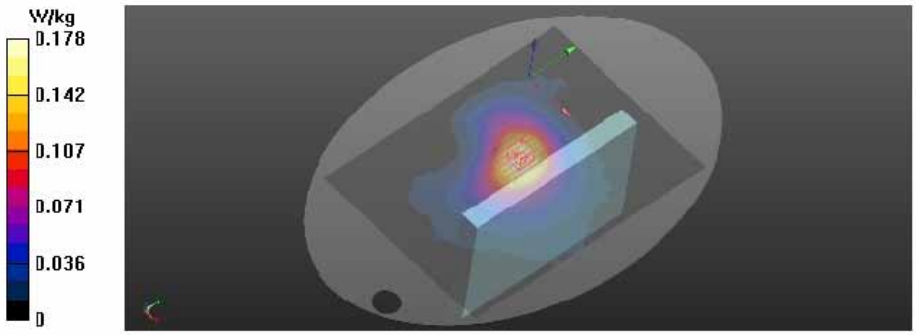
DASY52 Configuration:
- Probe: EX3DV4 - SN7574, ConvF(7.94, 7.94, 7.94) @ 1882.5 MHz, Calibrated: 2023-07-18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1430; Calibrated: 2023-03-22
- Phantom: ELI v5.0 1169; Type: QDOVA002AA; Serial: TP:1169
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/LTE25 Cellular Ant1_Right Edge_20MHz_1@0_QPSK_CH26365/Area Scan (181x251x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.178 W/kg

Body/LTE25 Cellular Ant1_Right Edge_20MHz_1@0_QPSK_CH26365/Zoom Scan (6x7x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.79 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.208 W/kg
SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.085 W/kg
Smallest distance from peaks to all points 3 dB below = 37.3 mm
Ratio of SAR at M2 to SAR at M1 = 61.5%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.177 W/kg



Appendix B.12 Test Plots for LTE25 Cellular Ant3

Date/Time: 2024-03-19 13:25:21

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: LTE25 Cellular Ant3_Front_20MHz_1@0_QPSK_CH26365.da53:0

DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006970

Communication System: UID 0, LTE Band 25 (0); Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1882.5 MHz; σ = 1.447 S/m; ε_r = 39.412; ρ = 1000 kg/m^3
Phantom section: Flat Section

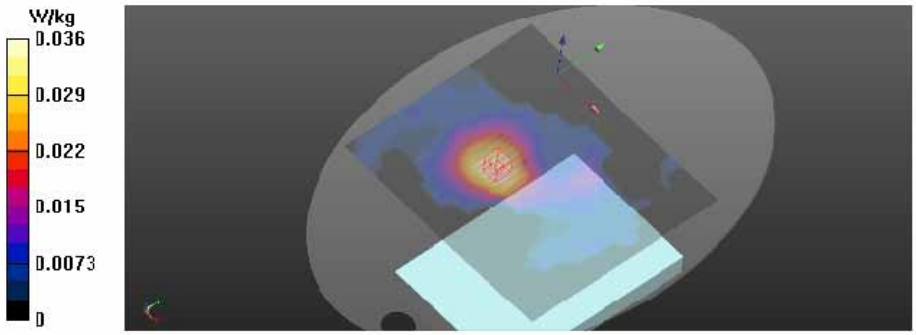
DASY52 Configuration:
- Probe: EX3DV4 - SN7574, ConvF(7.94, 7.94, 7.94) @ 1882.5 MHz, Calibrated: 2023-07-18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1507; Calibrated: 2023-09-20
- Phantom: ELI v5.0 1169; Type: QDOVA002AA; Serial: TP:1169
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/LTE25 Cellular Ant3_Front_20MHz_1@0_QPSK_CH26365/Area Scan (201x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.0365 W/kg

Body/LTE25 Cellular Ant3_Front_20MHz_1@0_QPSK_CH26365/Zoom Scan (6x6x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.169 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.0450 W/kg
SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.017 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 59.2%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0373 W/kg



Appendix B.13 Test Plots for LTE26 Cellular Ant1

Date/Time: 2024-02-27 14:46:40

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: LTE26 Cellular Ant1_Front_15MHz_1@74_QPSK_CH26865.da53:0

DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006940

Communication System: UID 0, LTE FDD (0); Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 831.5 MHz; σ = 0.905 S/m; ε_r = 41.576; ρ = 1000 kg/m^3
Phantom section: Flat Section

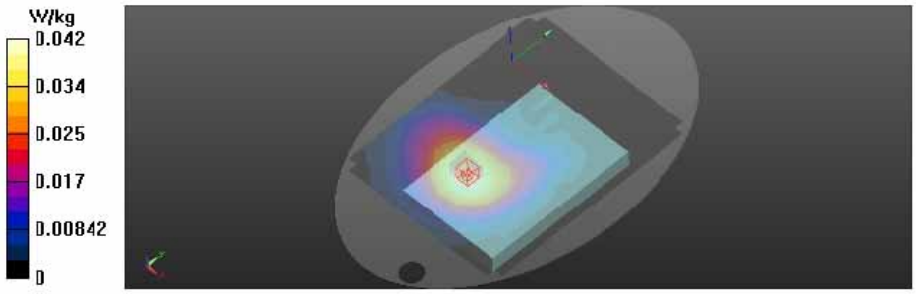
DASY52 Configuration:
- Probe: EX3DV4 - SN3791, ConvF(8.79, 8.79, 8.79) @ 831.5 MHz, Calibrated: 2023-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1503; Calibrated: 2023-08-28
- Phantom: ELI v5.0 1244; Type: QDOVA002AA; Serial: TP:1244
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/LTE26 Cellular Ant1_Front_15MHz_1@74_QPSK_CH26865/Area Scan (201x251x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.0421 W/kg

Body/LTE26 Cellular Ant1_Front_15MHz_1@74_QPSK_CH26865/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.538 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.0460 W/kg
SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.029 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 79.1%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0424 W/kg



Appendix B.14 Test Plots for LTE26 Cellular Ant3

Date/Time: 2024-03-26 15:55:56

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: LTE26 Cellular Ant3_Front_15MHz_1@74_QPSK_CH26865.da53:0

DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006940

Communication System: UID 0, LTE FDD (0); Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 831.5 MHz; σ = 0.862 S/m; ε_r = 40.637; ρ = 1000 kg/m^3
Phantom section: Flat Section

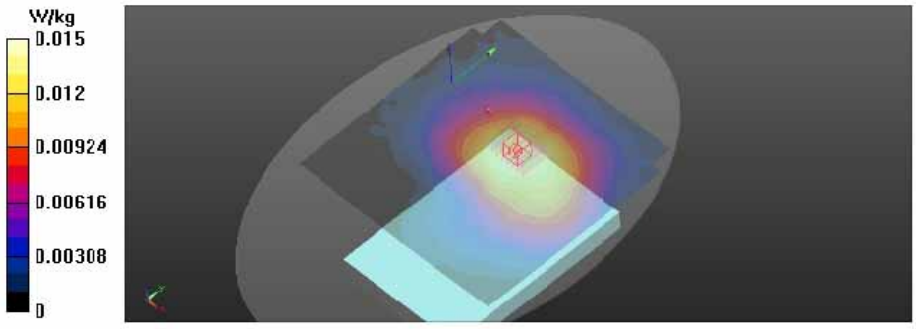
DASY52 Configuration:
- Probe: EX3DV4 - SN3791, ConvF(8.79, 8.79, 8.79) @ 831.5 MHz, Calibrated: 2023-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1503; Calibrated: 2023-08-28
- Phantom: ELI v5.0 1244; Type: QDOVA002AA; Serial: TP:1244
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/LTE26 Cellular Ant3_Front_15MHz_1@74_QPSK_CH26865/Area Scan (201x201x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.0154 W/kg

Body/LTE26 Cellular Ant3_Front_15MHz_1@74_QPSK_CH26865/Zoom Scan (7x6x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.333 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.0170 W/kg
SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.00914 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 70.9%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0151 W/kg



Appendix B.15 Test Plots for LTE38 Cellular Ant1

Date/Time: 2024-03-05 15:02:21

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: LTE38 Cellular Ant1_Right Edge_20MHz_1@0_QPSK_CH38000.da53:0

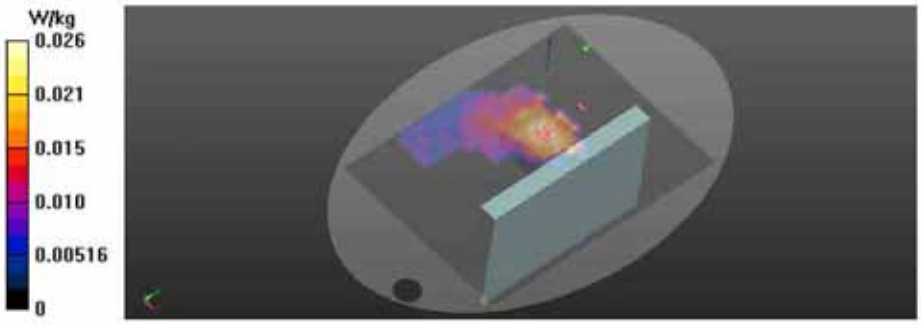
DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006970

Communication System: UID 0, LTE Band 38 (0); Frequency: 2595 MHz;Duty Cycle: 1:1.57979
Medium parameters used: f = 2595 MHz; σ = 1.967 S/m; ε_r = 38.41; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY52 Configuration:
- Probe: EX3DV4 - SN7574; ConvF(7.11, 7.11, 7.11) @ 2595 MHz; Calibrated: 2023-07-18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1507; Calibrated: 2023-09-20
- Phantom: ELI v5.0 1169; Type: QDOVA002AA; Serial: TP:1169
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/LTE38 Cellular Ant1_Right Edge_20MHz_1@0_QPSK_CH38000/Area Scan (231x311x1):
Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0258 W/kg

Body/LTE38 Cellular Ant1_Right Edge_20MHz_1@0_QPSK_CH38000/Zoom Scan (13x16x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.624 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.0320 W/kg
SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.00995 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 49.3%
Maximum value of SAR (measured) = 0.0264 W/kg



Appendix B.16 Test Plots for LTE38 Cellular Ant3

Date/Time: 2024-03-20 07:19:15

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: LTE38 Cellular Ant3_Right Edge_20MHz_1@0_QPSK_CH38000.da53:0

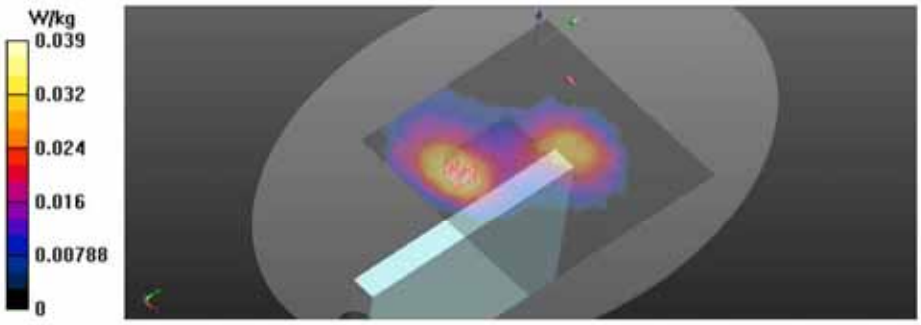
DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006970

Communication System: UID 0, LTE Band 38 (0); Frequency: 2595 MHz;Duty Cycle: 1:1.58016
Medium parameters used: f = 2595 MHz; σ = 1.952 S/m; ε_r = 39.793; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY52 Configuration:
- Probe: EX3DV4 - SN7574; ConvF(7.11, 7.11, 7.11) @ 2595 MHz; Calibrated: 2023-07-18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1507; Calibrated: 2023-09-20
- Phantom: ELI v5.0 1169; Type: QDOVA002AA; Serial: TP:1169
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/LTE38 Cellular Ant3_Right Edge_20MHz_1@0_QPSK_CH38000/Area Scan (201x201x1):
Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0394 W/kg

Body/LTE38 Cellular Ant3_Right Edge_20MHz_1@0_QPSK_CH38000/Zoom Scan (11x17x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.676 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 0.0480 W/kg
SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.015 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 53.9%
Maximum value of SAR (measured) = 0.0384 W/kg



Appendix B.17 Test Plots for LTE48 Cellular Ant2

Date/Time: 2024-03-08 09:42:05

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: LTE48 Cellular Ant2_Front_20MHz_1@50_QPSK_CH56207.da53:0

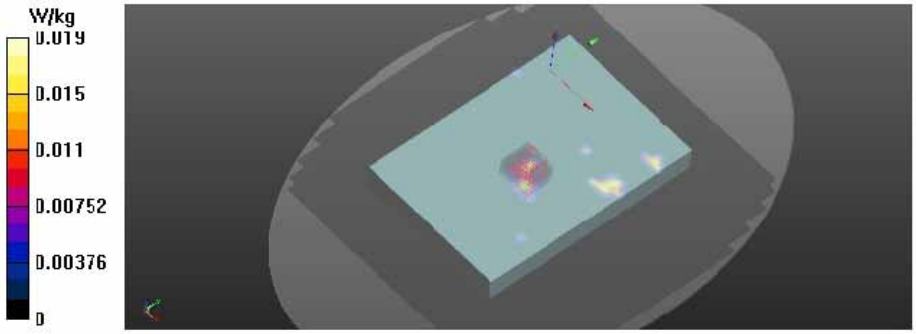
DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006950

Communication System: UID 0, LTE Band 48 (0); Frequency: 3646.7 MHz;Duty Cycle: 1:1.57979
Medium parameters used: f = 3647 MHz; σ = 3.074 S/m; ε_r = 38.465; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY52 Configuration:
- Probe: EX3DV4 - SN7574, ConvF(6.52, 6.52, 6.52) @ 3646.7 MHz, Calibrated: 2023-07-18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1507; Calibrated: 2023-09-20
- Phantom: ELI v5.0 1169; Type: QDOVA002AA; Serial: TP:1169
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/LTE48 Cellular Ant2_Front_20MHz_1@50_QPSK_CH56207/Area Scan (361x381x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0188 W/kg

Body/LTE48 Cellular Ant2_Front_20MHz_1@50_QPSK_CH56207/Zoom Scan (10x10x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.454 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.0440 W/kg
SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.00605 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 66.5%
Maximum value of SAR (measured) = 0.0232 W/kg



Appendix B.18 Test Plots for LTE66 Cellular Ant1

Date/Time: 2024-02-29 09:52:24

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: LTE66 Cellular Ant1_Right Edge_20MHz_1@99_QPSK_CH132322.da53:0

DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006940

Communication System: UID 0, LTE FDD (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.381 S/m; ε_r = 38.594; ρ = 1000 kg/m^3
Phantom section: Flat Section

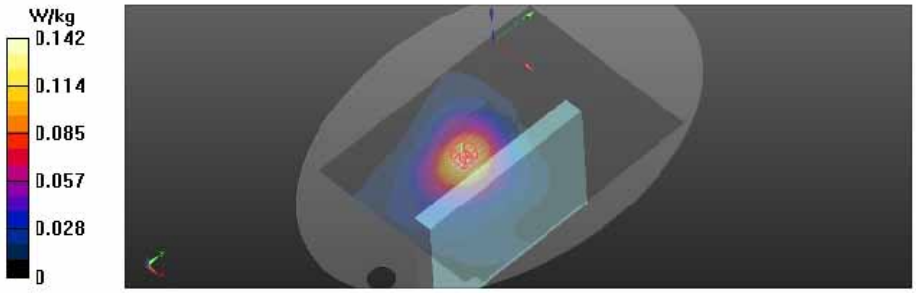
DASY52 Configuration:
- Probe: EX3DV4 - SN3791; ConvF(7.6, 7.6, 7.6) @ 1745 MHz; Calibrated: 2023-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1503; Calibrated: 2023-08-28
- Phantom: ELI v5.0 1244; Type: QDOVA002AA; Serial: TP:1244
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/LTE66 Cellular Ant1_Right Edge_20MHz_1@99_QPSK_CH132322/Area Scan (181x241x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.142 W/kg

Body/LTE66 Cellular Ant1_Right Edge_20MHz_1@99_QPSK_CH132322/Zoom Scan (7x12x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.198 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.166 W/kg
SAR(1 g) = 0.105 W/kg; SAR(10 g) = 0.071 W/kg
Smallest distance from peaks to all points 3 dB below = 40.8 mm
Ratio of SAR at M2 to SAR at M1 = 61.6%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.142 W/kg



Appendix B.19 Test Plots for LTE66 Cellular Ant3

Date/Time: 2024-03-22 05:35:44

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: LTE66 Cellular Ant3_Right Edge_20MHz_1@99_QPSK_CH132322.da53:0

DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006940

Communication System: UID 0, LTE FDD (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.371 S/m; ε_r = 40.428; ρ = 1000 kg/m^3
Phantom section: Flat Section

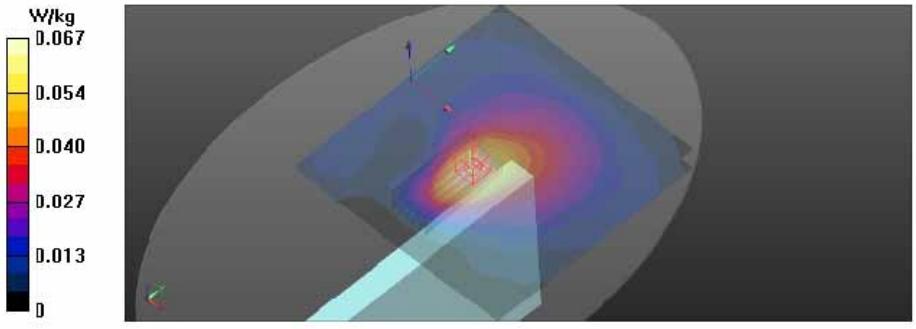
DASY52 Configuration:
- Probe: EX3DV4 - SN3791; ConvF(7.6, 7.6, 7.6) @ 1745 MHz; Calibrated: 2023-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1503; Calibrated: 2023-08-28
- Phantom: ELI v5.0 1244; Type: QDOVA002AA; Serial: TP:1244
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/LTE66 Cellular Ant3_Right Edge_20MHz_1@99_QPSK_CH132322/Area Scan (171x171x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.0674 W/kg

Body/LTE66 Cellular Ant3_Right Edge_20MHz_1@99_QPSK_CH132322/Zoom Scan (6x13x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.740 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.0780 W/kg
SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.032 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 61.7%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0676 W/kg



Appendix B.20 Test Plots for LTE71 Cellular Ant1

Date/Time: 2024-03-05 17:11:36

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: LTE71 Cellular Ant1_Front_20MHz_1@99_QPSK_CH133297.da53:0

DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006940

Communication System: UID 0, LTE FDD (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 680.5 MHz; σ = 0.876 S/m; ε_r = 43.688; ρ = 1000 kg/m^3
Phantom section: Flat Section

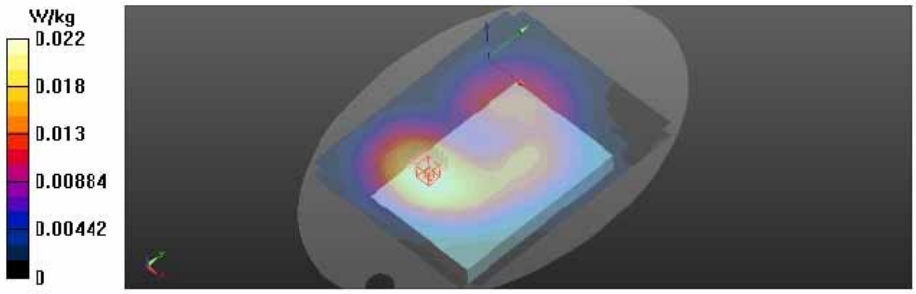
DASY52 Configuration:
- Probe: EX3DV4 - SN3791, ConvF(9, 9, 9) @ 680.5 MHz, Calibrated: 2023-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1503; Calibrated: 2023-08-28
- Phantom: ELI v5.0 1244; Type: QDOVA002AA; Serial: TP:1244
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/LTE71 Cellular Ant1_Front_20MHz_1@99_QPSK_CH133297/Area Scan (201x251x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.0221 W/kg

Body/LTE71 Cellular Ant1_Front_20MHz_1@99_QPSK_CH133297/Zoom Scan (6x6x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.419 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 0.0240 W/kg
SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.016 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 82.3%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0227 W/kg



Appendix B.21 Test Plots for LTE71 Cellular Ant3

Date/Time: 2024-03-23 10:19:02

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: LTE71 Cellular Ant3_Front_20MHz_1@99_QPSK_CH133297.da53:0

DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006940

Communication System: UID 0, LTE FDD (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 680.5 MHz; σ = 0.863 S/m; ε_r = 41.435; ρ = 1000 kg/m^3
Phantom section: Flat Section

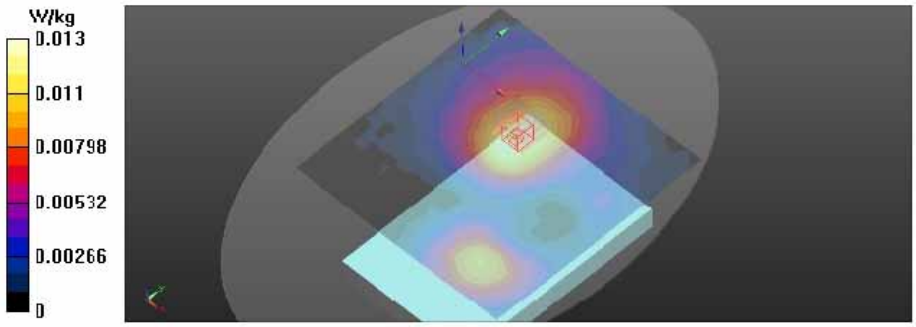
DASY52 Configuration:
- Probe: EX3DV4 - SN3791, ConvF(9, 9, 9) @ 680.5 MHz, Calibrated: 2023-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1503; Calibrated: 2023-08-28
- Phantom: ELI v5.0 1244; Type: QDOVA002AA; Serial: TP:1244
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/LTE71 Cellular Ant3_Front_20MHz_1@99_QPSK_CH133297/Area Scan (191x191x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.0133 W/kg

Body/LTE71 Cellular Ant3_Front_20MHz_1@99_QPSK_CH133297/Zoom Scan (6x6x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.094 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.0150 W/kg
SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00874 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 77.3%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0138 W/kg



Appendix B.22 Test Plots for 5GNRn5 Cellular Ant1

Date/Time: 2024-03-13 11:31:36

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: 5GNRn5 Cellular Ant1_Front_15KHz_20MHz_50@25_DFT_QPSK_CH167300.da53:0

DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006940

Communication System: UID 0, 5G NR FDD (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.902 S/m; ε_r = 43.084; ρ = 1000 kg/m^3
Phantom section: Flat Section

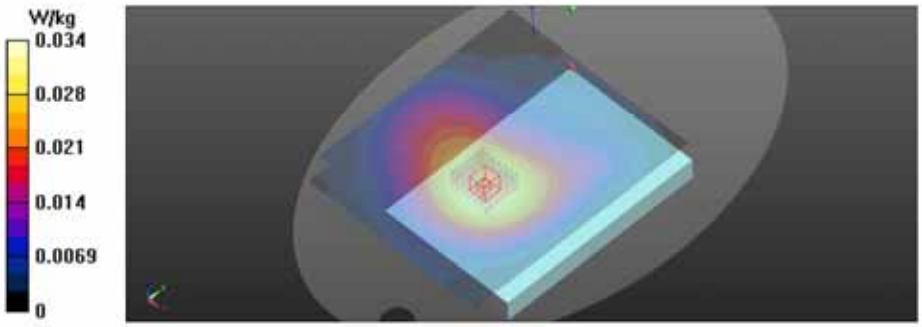
DASY52 Configuration:
- Probe: EX3DV4 - SN3791; ConvF(8.79, 8.79, 8.79) @ 836.5 MHz; Calibrated: 2023-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1503; Calibrated: 2023-08-28
- Phantom: ELI v5.0 1244; Type: QDOVA002AA; Serial: TP:1244
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/5GNRn5 Cellular Ant1_Front_15KHz_20MHz_50@25_DFT_QPSK_CH167300/Area Scan (171x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.0345 W/kg

Body/5GNRn5 Cellular Ant1_Front_15KHz_20MHz_50@25_DFT_QPSK_CH167300/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.444 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.0380 W/kg
SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.021 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 74.1%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0343 W/kg



Appendix B.23 Test Plots for 5GNRn5 Cellular Ant3

Date/Time: 2024-03-25 20:09:29

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: 5GNRn5 Cellular Ant3_Right Edge_15KHz_20MHz_50@25_DFT_QPSK_CH167300.da53:0

DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006940

Communication System: UID 0, 5G NR FDD (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.5 MHz; σ = 0.876 S/m; ε_r = 40.113; ρ = 1000 kg/m^3
Phantom section: Flat Section

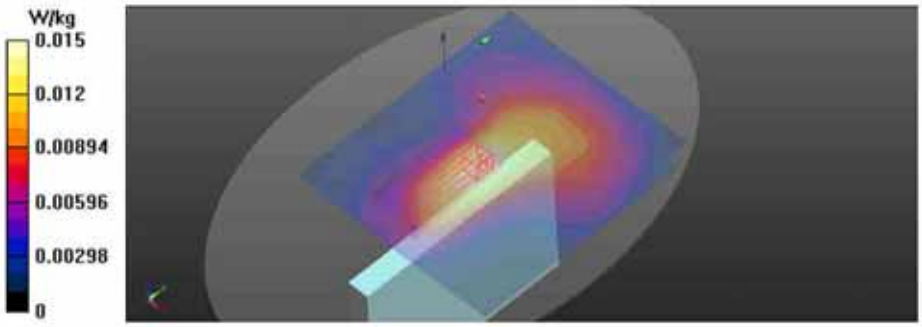
DASY52 Configuration:
- Probe: EX3DV4 - SN3791; ConvF(8.79, 8.79, 8.79) @ 836.5 MHz; Calibrated: 2023-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1503; Calibrated: 2023-08-28
- Phantom: ELI v5.0 1244; Type: QDOVA002AA; Serial: TP:1244
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/5GNRn5 Cellular Ant3_Right Edge_15KHz_20MHz_50@25_DFT_QPSK_CH167300/Area Scan (181x201x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.0149 W/kg

Body/5GNRn5 Cellular Ant3_Right Edge_15KHz_20MHz_50@25_DFT_QPSK_CH167300/Zoom Scan (8x17x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.973 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.0180 W/kg
SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.00892 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 69.2%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0155 W/kg



Appendix B.24 Test Plots for 5GNRn7 Cellular Ant1

Date/Time: 2024-03-13 20:51:20

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: 5GNRn7 Cellular Ant1_Right Edge_15kHz_20MHz_1@1_BPSK_CH507000.da53:0

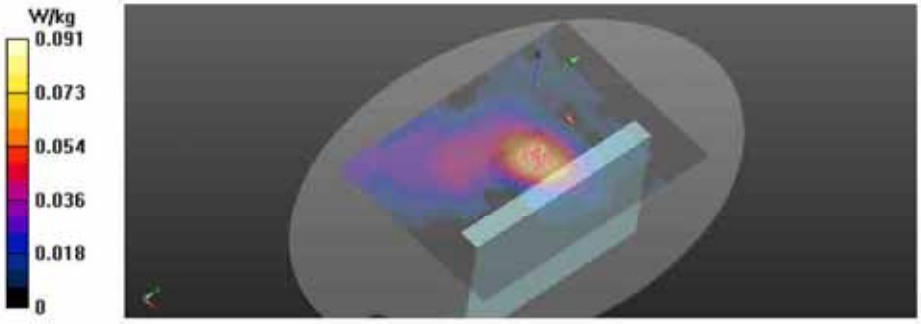
DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006970

Communication System: UID 0, 5G NR FDD (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 1.883 S/m; ε_r = 37.215; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY52 Configuration:
- Probe: EX3DV4 - SN7574; ConvF(7.11, 7.11, 7.11) @ 2535 MHz; Calibrated: 2023-07-18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1507; Calibrated: 2023-09-20
- Phantom: ELI v5.0 1169; Type: QDOVA002AA; Serial: TP:1169
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/5GNRn7 Cellular Ant1_Right Edge_15kHz_20MHz_1@1_BPSK_CH507000/Area Scan (201x281x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0908 W/kg

Body/5GNRn7 Cellular Ant1_Right Edge_15kHz_20MHz_1@1_BPSK_CH507000/Zoom Scan (11x15x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.078 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.110 W/kg
SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.037 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 52.1%
Maximum value of SAR (measured) = 0.0891 W/kg



Appendix B.25 Test Plots for 5GNRn7 Cellular Ant3

Date/Time: 2024-03-20 21:46:07

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: 5GNRn7 Cellular Ant3_Right Edge_15kHz_20MHz_50@25_BPSK_CH507000.da53:0

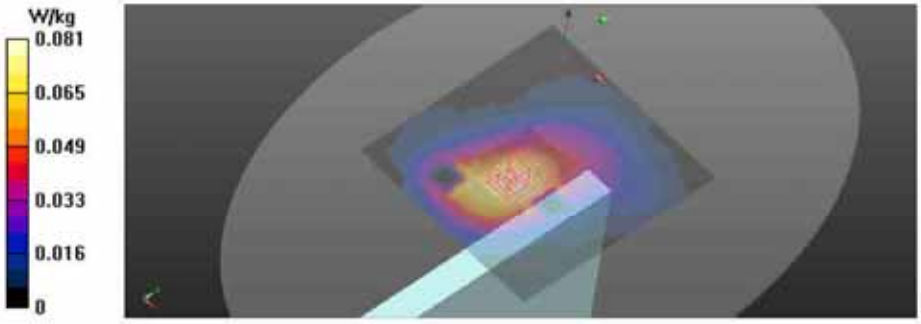
DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006970

Communication System: UID 0, 5G NR FDD (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 1.901 S/m; ε_r = 40; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY52 Configuration:
- Probe: EX3DV4 - SN7574; ConvF(7.11, 7.11, 7.11) @ 2535 MHz; Calibrated: 2023-07-18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1507; Calibrated: 2023-09-20
- Phantom: ELI v5.0 1169; Type: QDOVA002AA; Serial: TP:1169
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/5GNRn7 Cellular Ant3_Right Edge_15kHz_20MHz_50@25_BPSK_CH507000 2/Area Scan (161x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0813 W/kg

Body/5GNRn7 Cellular Ant3_Right Edge_15kHz_20MHz_50@25_BPSK_CH507000 2/Zoom Scan (11x11x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.473 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.115 W/kg
SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.033 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 52.3%
Maximum value of SAR (measured) = 0.0815 W/kg



Appendix B.26 Test Plots for 5GNRn12 Cellular Ant1

Date/Time: 2024-03-11 18:09:31

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: 5GNRn12 Cellular Ant1_Right Edge_15KHz_15MHz_1@1_DFT_QPSK_CH141500.da53:0

DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006940

Communication System: UID 0, 5G NR FDD (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium parameters used (extrapolated): f = 707.5 MHz; σ = 0.851 S/m; ε_r = 43.567; ρ = 1000 kg/m^3
Phantom section: Flat Section

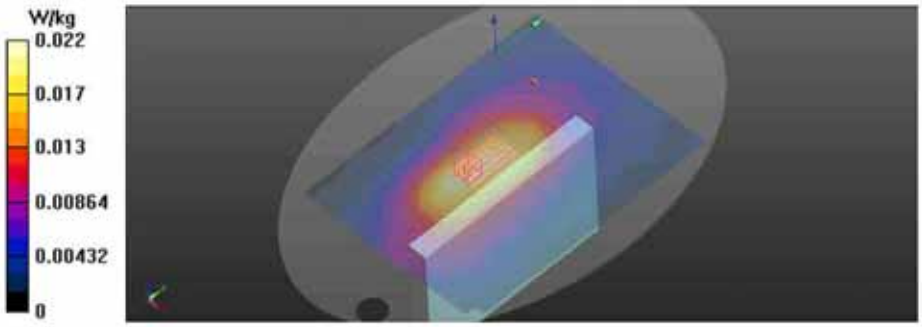
DASY52 Configuration:
- Probe: EX3DV4 - SN3791; ConvF(9, 9, 9) @ 707.5 MHz; Calibrated: 2023-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1503; Calibrated: 2023-08-28
- Phantom: ELI v5.0 1244; Type: QDOVA002AA; Serial: TP:1244
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/5GNRn12 Cellular Ant1_Right Edge_15KHz_15MHz_1@1_DFT_QPSK_CH141500/Area Scan (181x241x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Extrapolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.0216 W/kg

Body/5GNRn12 Cellular Ant1_Right Edge_15KHz_15MHz_1@1_DFT_QPSK_CH141500/Zoom Scan (6x10x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.116 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.0240 W/kg
SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.014 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 73.2%

Info: Extrapolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0216 W/kg



Appendix B.27 Test Plots for 5GNRn12 Cellular Ant3

Date/Time: 2024-03-25 04:13:30

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: 5GNRn12 Cellular Ant3_Front_15KHz_15MHz_36@18_DFT_QPSK_CH141500.da53:0

DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006940

Communication System: UID 0, 5G NR FDD (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 707.5 MHz; σ = 0.892 S/m; ε_r = 41.42; ρ = 1000 kg/m^3
Phantom section: Flat Section

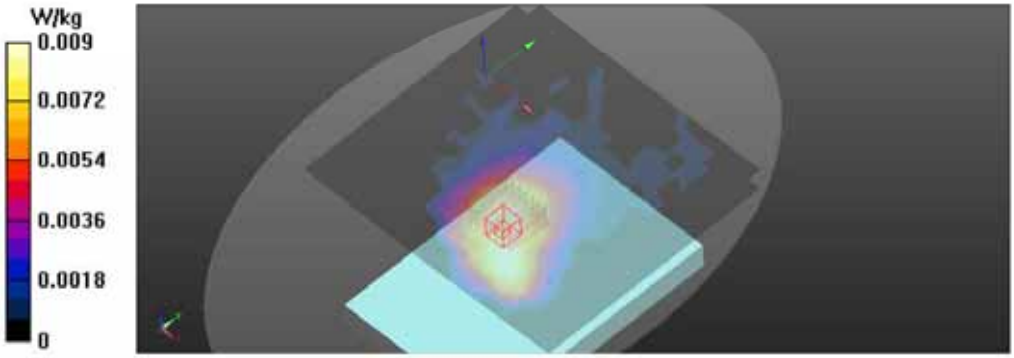
DASY52 Configuration:
- Probe: EX3DV4 - SN3791; ConvF(9, 9, 9) @ 707.5 MHz; Calibrated: 2023-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1503; Calibrated: 2023-08-28
- Phantom: ELI v5.0 1244; Type: QDOVA002AA; Serial: TP:1244
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/5GNRn12 Cellular Ant3_Front_15KHz_15MHz_36@18_DFT_QPSK_CH141500/Area Scan (201x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.00900 W/kg

Body/5GNRn12 Cellular Ant3_Front_15KHz_15MHz_36@18_DFT_QPSK_CH141500/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.745 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.0100 W/kg
SAR(1 g) = 0.0075 W/kg; SAR(10 g) = 0.00574 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 72.8%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.00925 W/kg



Appendix B.28 Test Plots for 5GNRn25 Cellular Ant1

Date/Time: 2024-03-19 01:24:56

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: 5GNRn25 Cellular Ant1_Right Edge_15kHz_40MHz_108@54_QPSK_CH376500.da53:0

DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006970

Communication System: UID 0, 5G NR FDD (0); Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1882.5 MHz; σ = 1.447 S/m; ε_r = 39.412; ρ = 1000 kg/m^3
Phantom section: Flat Section

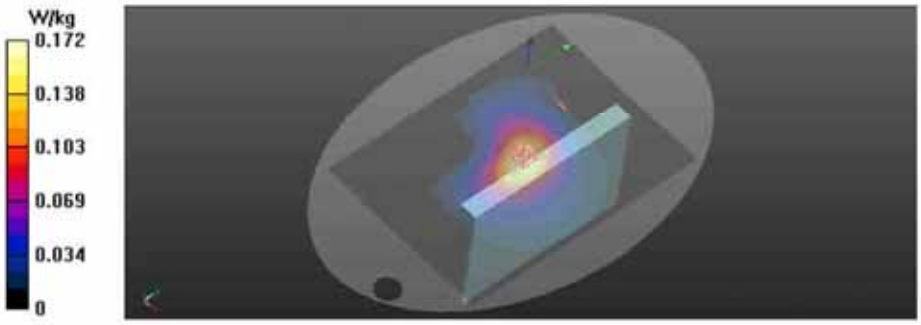
DASY52 Configuration:
- Probe: EX3DV4 - SN7574; ConvF(7.94, 7.94, 7.94) @ 1882.5 MHz; Calibrated: 2023-07-18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1507; Calibrated: 2023-09-20
- Phantom: ELI v5.0 1169; Type: QDOVA002AA; Serial: TP:1169
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/5GNRn25 Cellular Ant1_Right Edge_15kHz_40MHz_108@54_QPSK_CH376500/Area Scan (181x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.172 W/kg

Body/5GNRn25 Cellular Ant1_Right Edge_15kHz_40MHz_108@54_QPSK_CH376500/Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.56 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.204 W/kg
SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.081 W/kg
Smallest distance from peaks to all points 3 dB below = 33.3 mm
Ratio of SAR at M2 to SAR at M1 = 59.5%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.170 W/kg



Appendix B.29 Test Plots for 5GNRn25 Cellular Ant3

Date/Time: 2024-03-18 21:19:46

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: 5GNRn25 Cellular Ant3_Right Edge_15kHz_40MHz_108@54_QPSK_CH376500.da53:0

DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006970

Communication System: UID 0, 5G NR FDD (0); Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1882.5 MHz; σ = 1.455 S/m; ε_r = 40.619; ρ = 1000 kg/m^3
Phantom section: Flat Section

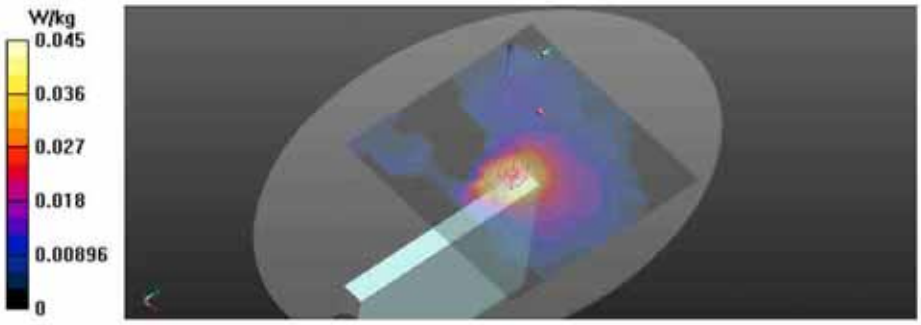
DASY52 Configuration:
- Probe: EX3DV4 - SN7574; ConvF(7.94, 7.94, 7.94) @ 1882.5 MHz; Calibrated: 2023-07-18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1507; Calibrated: 2023-09-20
- Phantom: ELI v5.0 1169; Type: QDOVA002AA; Serial: TP:1169
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/5GNRn25 Cellular Ant3_Right Edge_15kHz_40MHz_108@54_QPSK_CH376500/Area Scan (181x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.0448 W/kg

Body/5GNRn25 Cellular Ant3_Right Edge_15kHz_40MHz_108@54_QPSK_CH376500/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.824 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.0550 W/kg
SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.021 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 58.4%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0446 W/kg



Appendix B.30 Test Plots for 5GNRn41 Cellular Ant1

Date/Time: 2024-03-12 20:11:16

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: 5GNRn41 Cellular Ant1_Right Edge_30kHz_100MHz_1@1_BPSK_CH518598.da53:0

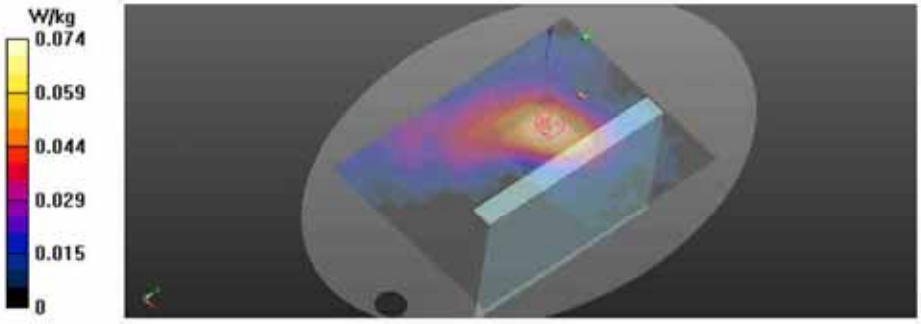
DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006970

Communication System: UID 0, 5G NR TDD 100% (0); Frequency: 2592.99 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2593 MHz; σ = 1.995 S/m; ε_r = 37.72; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY52 Configuration:
- Probe: EX3DV4 - SN7574; ConvF(7.11, 7.11, 7.11) @ 2592.99 MHz; Calibrated: 2023-07-18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1507; Calibrated: 2023-09-20
- Phantom: ELI v5.0 1169; Type: QDOVA002AA; Serial: TP:1169
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/5GNRn41 Cellular Ant1_Right Edge_30kHz_100MHz_1@1_BPSK_CH518598/Area Scan (211x291x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0737 W/kg

Body/5GNRn41 Cellular Ant1_Right Edge_30kHz_100MHz_1@1_BPSK_CH518598/Zoom Scan (13x17x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.961 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.0910 W/kg
SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.030 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 51.4%
Maximum value of SAR (measured) = 0.0729 W/kg



Appendix B.31 Test Plots for 5GNRn41 Cellular Ant3

Date/Time: 2024-03-21 03:29:10

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: 5GNRn41 Cellular Ant3_Right Edge_30kHz_100MHz_135@67_BPSK_CH518598.da53:0

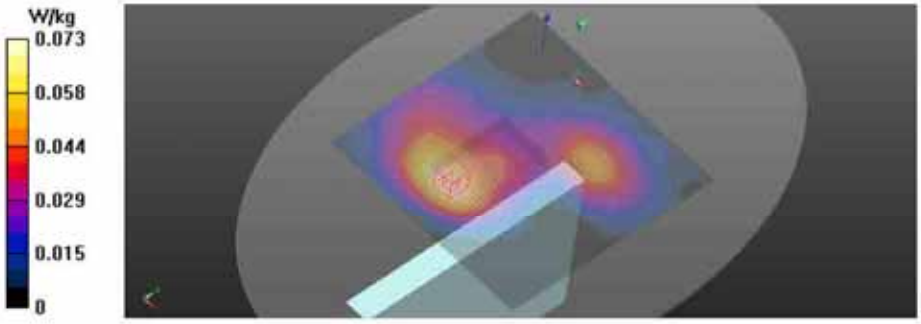
DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006970

Communication System: UID 0, 5G NR TDD 100% (0); Frequency: 2592.99 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2593 MHz; σ = 1.938 S/m; ε_r = 38.944; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY52 Configuration:
- Probe: EX3DV4 - SN7574; ConvF(7.11, 7.11, 7.11) @ 2592.99 MHz; Calibrated: 2023-07-18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1507; Calibrated: 2023-09-20
- Phantom: ELI v5.0 1169; Type: QDOVA002AA; Serial: TP:1169
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/5GNRn41 Cellular Ant3_Right Edge_30kHz_100MHz_135@67_BPSK_CH518598/Area Scan (201x201x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0730 W/kg

Body/5GNRn41 Cellular Ant3_Right Edge_30kHz_100MHz_135@67_BPSK_CH518598/Zoom Scan (13x18x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.395 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.0930 W/kg
SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.029 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 52%
Maximum value of SAR (measured) = 0.0751 W/kg



Appendix B.32 Test Plots for 5GNRn48 Cellular Ant2

Date/Time: 2024-03-28 13:36:42

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: 5GNRn48 Cellular Ant2_Front_30kHz_40MHz_50@25_BPSK_CH641666.da53:0

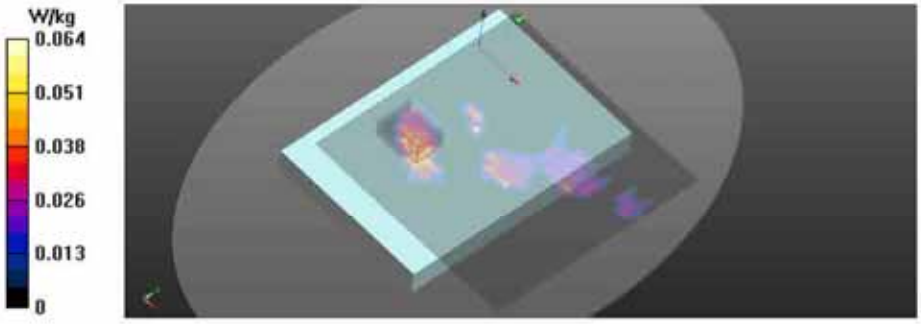
DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006950

Communication System: UID 0, 5G NR TDD 100% (0); Frequency: 3624.99 MHz;Duty Cycle: 1:1
Medium parameters used: f = 3625 MHz; σ = 3.085 S/m; ε_r = 37.63; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY52 Configuration:
- Probe: EX3DV4 - SN7574; ConvF(6.52, 6.52, 6.52) @ 3624.99 MHz; Calibrated: 2023-07-18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1507; Calibrated: 2023-09-20
- Phantom: ELI v5.0 1244; Type: QDOVA002AA; Serial: TP:1244
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/5GNRn48 Cellular Ant2_Front_30kHz_40MHz_50@25_BPSK_CH641666/Area Scan (241x241x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0638 W/kg

Body/5GNRn48 Cellular Ant2_Front_30kHz_40MHz_50@25_BPSK_CH641666/Zoom Scan (13x10x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 4.211 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.0700 W/kg
SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.011 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 71.3%
Maximum value of SAR (measured) = 0.0473 W/kg



Appendix B.33 Test Plots for 5GNRn66 Cellular Ant1

Date/Time: 2024-03-14 12:05:56

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: 5GNRn66 Cellular Ant1_Right Edge_15KHz_40MHz_108@54_DFT_QPSK_CH349000.da53:0

DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006940

Communication System: UID 0, 5G NR FDD (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.391 S/m; ε_r = 39.131; ρ = 1000 kg/m^3
Phantom section: Flat Section

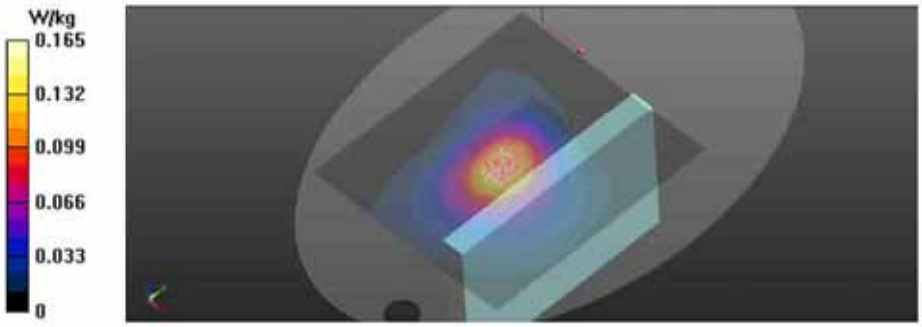
DASY52 Configuration:
- Probe: EX3DV4 - SN3791; ConvF(7.6, 7.6, 7.6) @ 1745 MHz; Calibrated: 2023-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1503; Calibrated: 2023-08-28
- Phantom: ELI v5.0 1244; Type: QDOVA002AA; Serial: TP:1244
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/5GNRn66 Cellular Ant1_Right Edge_15KHz_40MHz_108@54_DFT_QPSK_CH349000/Area Scan (171x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.165 W/kg

Body/5GNRn66 Cellular Ant1_Right Edge_15KHz_40MHz_108@54_DFT_QPSK_CH349000/Zoom Scan (7x13x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.470 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.191 W/kg
SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.079 W/kg
Smallest distance from peaks to all points 3 dB below = 37.3 mm
Ratio of SAR at M2 to SAR at M1 = 62.2%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.166 W/kg



Appendix B.34 Test Plots for 5GNRn66 Cellular Ant3

Date/Time: 2024-03-22 10:50:26

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: 5GNRn66 Cellular Ant3_Right Edge_15KHz_40MHz_108@54_DFT_QPSK_CH349000.da53:0

DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006940

Communication System: UID 0, 5G NR FDD (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1745 MHz; σ = 1.371 S/m; ε_r = 40.428; ρ = 1000 kg/m^3
Phantom section: Flat Section

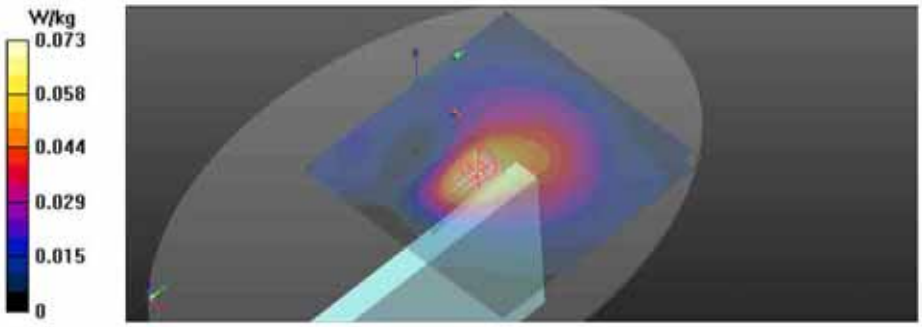
DASY52 Configuration:
- Probe: EX3DV4 - SN3791; ConvF(7.6, 7.6, 7.6) @ 1745 MHz; Calibrated: 2023-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1503; Calibrated: 2023-08-28
- Phantom: ELI v5.0 1244; Type: QDOVA002AA; Serial: TP:1244
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/5GNRn66 Cellular Ant3_Right Edge_15KHz_40MHz_108@54_DFT_QPSK_CH349000/Area Scan (171x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.0727 W/kg

Body/5GNRn66 Cellular Ant3_Right Edge_15KHz_40MHz_108@54_DFT_QPSK_CH349000/Zoom Scan (6x13x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.966 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.0830 W/kg
SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.034 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 63.2%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0721 W/kg



Appendix B.35 Test Plots for 5GNRn71 Cellular Ant1

Date/Time: 2024-03-12 11:41:39

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: 5GNRn71 Cellular Ant1_Front_15KHz_20MHz_1@104_DFT_QPSK_CH136100.da53:0

DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006940

Communication System: UID 0, 5G NR FDD (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 680.5 MHz; σ = 0.876 S/m; ε_r = 43.817; ρ = 1000 kg/m^3
Phantom section: Flat Section

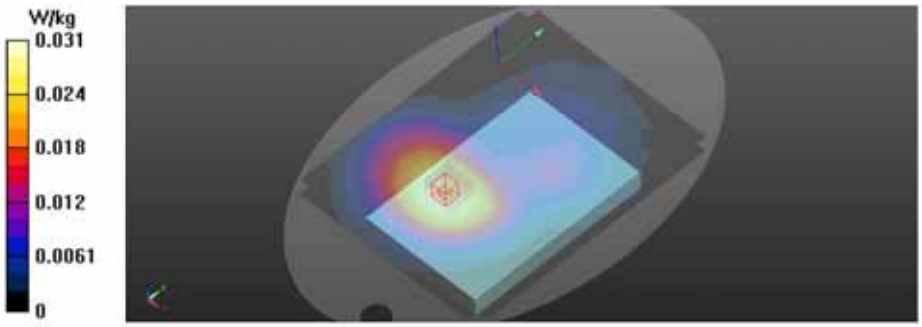
DASY52 Configuration:
- Probe: EX3DV4 - SN3791; ConvF(9, 9, 9) @ 680.5 MHz; Calibrated: 2023-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1503; Calibrated: 2023-08-28
- Phantom: ELI v5.0 1244; Type: QDOVA002AA; Serial: TP:1244
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/5GNRn71 Cellular Ant1_Front_15KHz_20MHz_1@104_DFT_QPSK_CH136100/Area Scan (201x251x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.0305 W/kg

Body/5GNRn71 Cellular Ant1_Front_15KHz_20MHz_1@104_DFT_QPSK_CH136100/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.829 V/m; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 0.0330 W/kg
SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.021 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 77.7%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0305 W/kg



Appendix B.36 Test Plots for 5GNRn71 Cellular Ant3

Date/Time: 2024-03-25 02:23:02

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: 5GNRn71 Cellular Ant3_Front_15KHz_20MHz_50@25_DFT_QPSK_CH136100.da53:0

DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006940

Communication System: UID 0, 5G NR FDD (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 680.5 MHz; σ = 0.888 S/m; ε_r = 41.457; ρ = 1000 kg/m^3
Phantom section: Flat Section

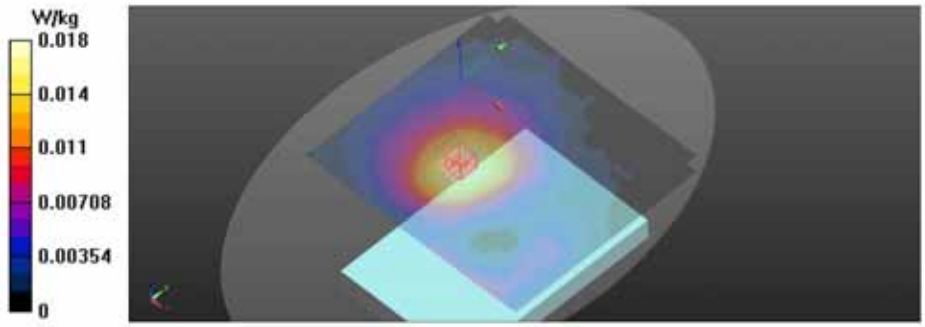
DASY52 Configuration:
- Probe: EX3DV4 - SN3791; ConvF(9, 9, 9) @ 680.5 MHz; Calibrated: 2023-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1503; Calibrated: 2023-08-28
- Phantom: ELI v5.0 1244; Type: QDOVA002AA; Serial: TP:1244
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/5GNRn71 Cellular Ant3_Front_15KHz_20MHz_50@25_DFT_QPSK_CH136100/Area Scan (201x181x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.0177 W/kg

Body/5GNRn71 Cellular Ant3_Front_15KHz_20MHz_50@25_DFT_QPSK_CH136100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.507 V/m; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 0.0190 W/kg
SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.011 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 76.1%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0171 W/kg



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Appendix B.37 Test Plots for 5GNRn77 Cellular Ant2

Date/Time: 2024-03-11 20:28:55

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: 5GNRn77 Cellular Ant2_Front_30kHz_100MHz_135@67_BPSK_CH656000.da53:0

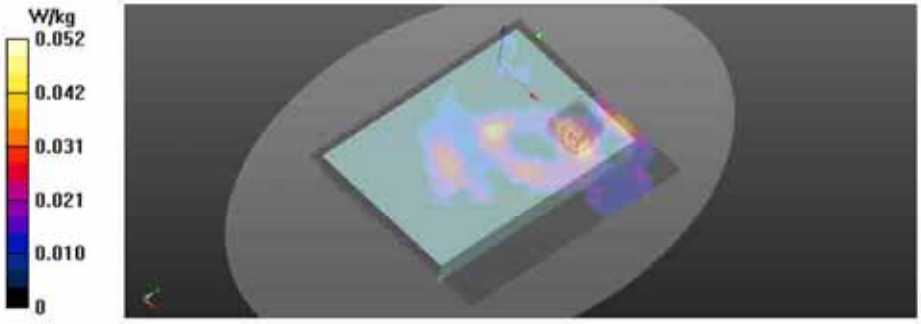
DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006950

Communication System: UID 0, 5G NR TDD 100% (0); Frequency: 3840 MHz;Duty Cycle: 1:1
Medium parameters used: f = 3840 MHz; σ = 3.215 S/m; ε_r = 37.095; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY52 Configuration:
- Probe: EX3DV4 - SN7574; ConvF(6.39, 6.39, 6.39) @ 3840 MHz; Calibrated: 2023-07-18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1507; Calibrated: 2023-09-20
- Phantom: ELI v5.0 1169; Type: QDOVA002AA; Serial: TP:1169
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/5GNRn77 Cellular Ant2_Front_30kHz_100MHz_135@67_BPSK_CH656000/Area Scan (241x281x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0525 W/kg

Body/5GNRn77 Cellular Ant2_Front_30kHz_100MHz_135@67_BPSK_CH656000/Zoom Scan (11x11x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.298 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.0730 W/kg
SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.013 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 77%
Maximum value of SAR (measured) = 0.0523 W/kg



Appendix B.38 Test Plots for 5GNRn77 DoD Cellular Ant2

Date/Time: 2024-04-30 18:03:25

Test Laboratory : SGS Korea (Gunpo Laboratory)
File Name: 5GNRn77 DoD Cellular Ant2_Right Edge_30kHz_100MHz_135@67_BPSK_CH633334.da53:0

DUT: TFBMEIBN3EU; Type: Telematics device; Serial: 355353850006970

Communication System: UID 0, 5G NR TDD 100% (0); Frequency: 3500.01 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 3500.01 MHz; σ = 2.89 S/m; ε_r = 38.164; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY52 Configuration:
- Probe: EX3DV4 - SN7574; ConvF(6.61, 6.61, 6.61) @ 3500.01 MHz; Calibrated: 2023-07-18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1507; Calibrated: 2023-09-20
- Phantom: ELI v5.0 1244; Type: QDOVA002AA; Serial: TP:1244
- DASY52 52.10.4(1527)SEMCAD X 14.6.14(7483)

Body/5GNRn77 DoD Cellular Ant2_Right Edge_30kHz_100MHz_135@67_BPSK_CH633334/Area Scan (191x281x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0.0213 W/kg

Body/5GNRn77 DoD Cellular Ant2_Right Edge_30kHz_100MHz_135@67_BPSK_CH633334/Zoom Scan (17x15x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.970 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.0530 W/kg
SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00447 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 70.2%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.0221 W/kg