Test Laboratory: UnionTrust Date/Time: 2021/5/24

GSM850_GSM_Left Cheek_128

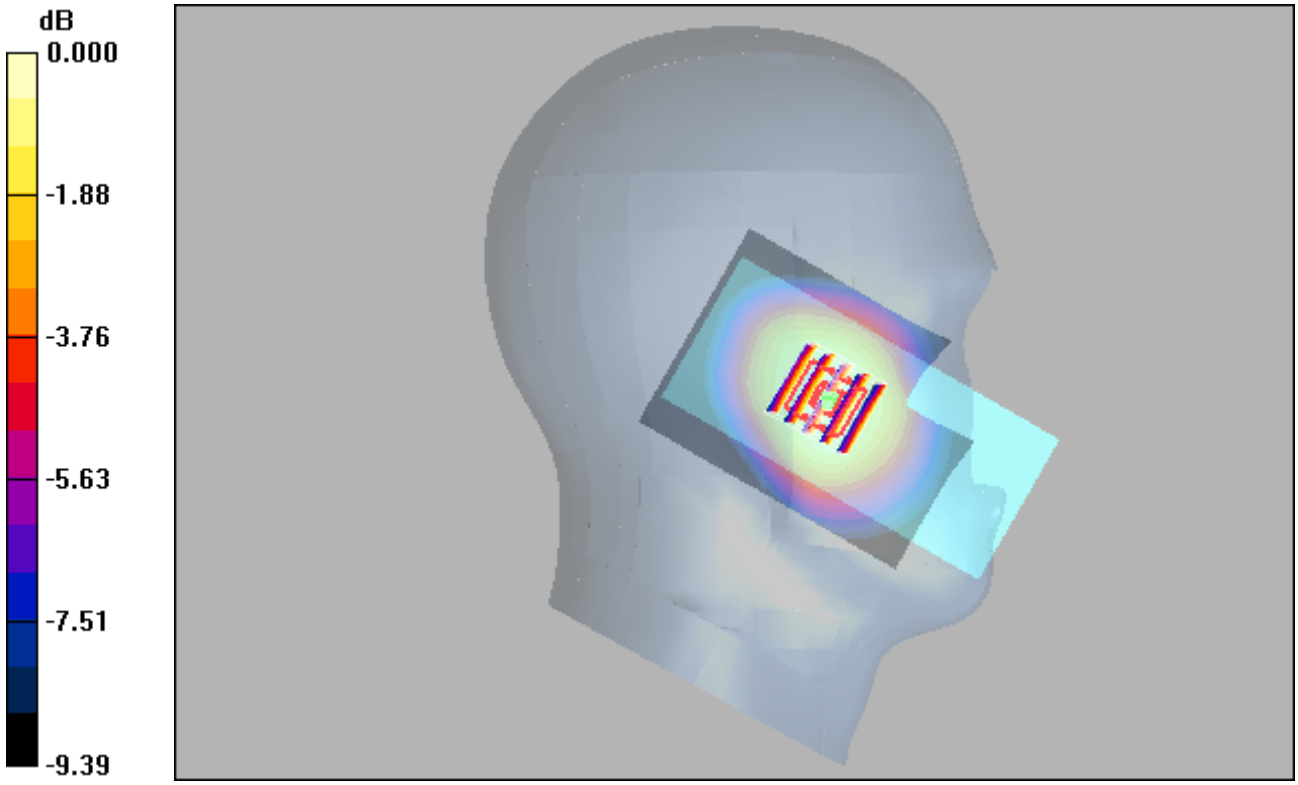
DUT: EUT

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: H900 Medium parameters used: f = 824.2 MHz; σ = 0.975 mho/m; ε_r = 41.7; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(6.15, 6.15, 6.15); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 2; Type: QD 000 P40 CB; Serial: TP-1376
- Postprocessing SW: SEMCAD, V1.8 Build 186

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.566 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.49 V/m; Power Drift = 0.178 dB
Peak SAR (extrapolated) = 0.679 W/kg
SAR(1 g) = 0.517 mW/g; SAR(10 g) = 0.380 mW/g
Maximum value of SAR (measured) = 0.573 mW/g



0 dB = 0.573mW/g

GSM1900_GSM_Right Cheek_512

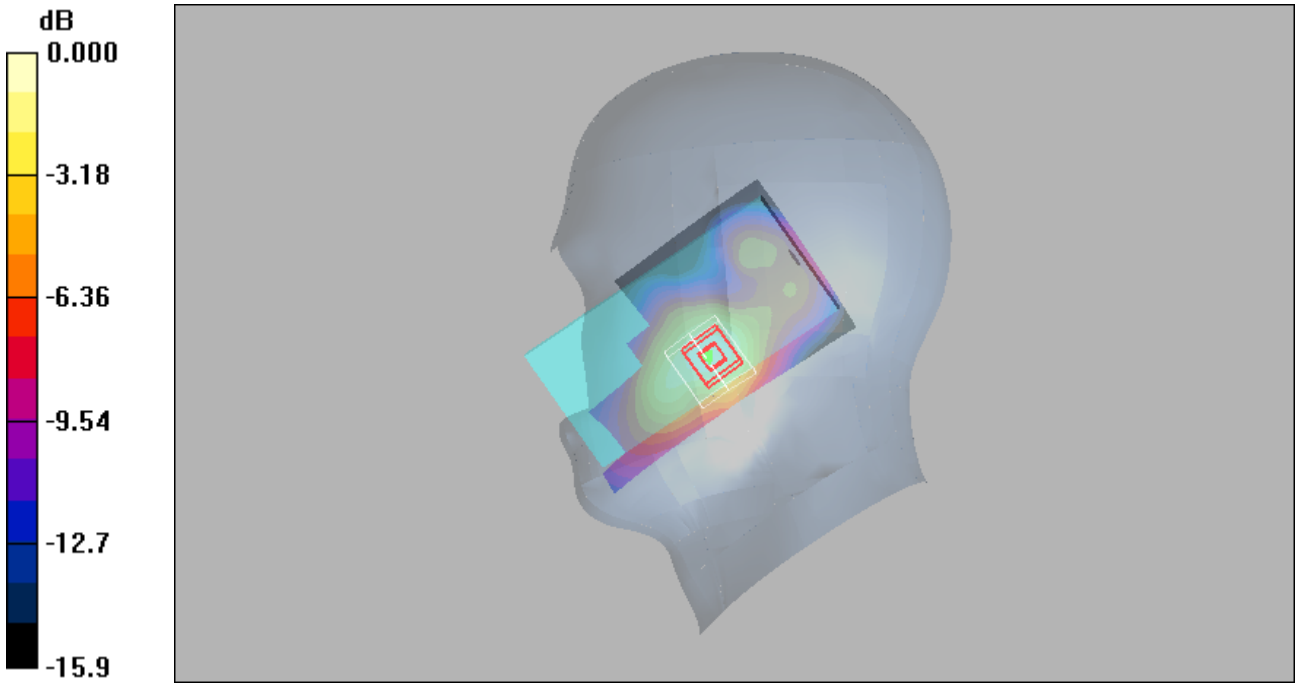
DUT: EUT

Communication System: GSM1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: H1900 Medium parameters used: f = 1850.2 MHz; σ = 1.37 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(5.08, 5.08, 5.08); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.344 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.26 V/m; Power Drift = -0.178 dB
Peak SAR (extrapolated) = 0.439 W/kg
SAR(1 g) = 0.294 mW/g; SAR(10 g) = 0.179 mW/g
Maximum value of SAR (measured) = 0.346 mW/g



0 dB = 0.346mW/g

Test Laboratory: UnionTrust Date/Time: 2021/5/25

WCDMA II_RMC12.2K_Left Cheek_9538

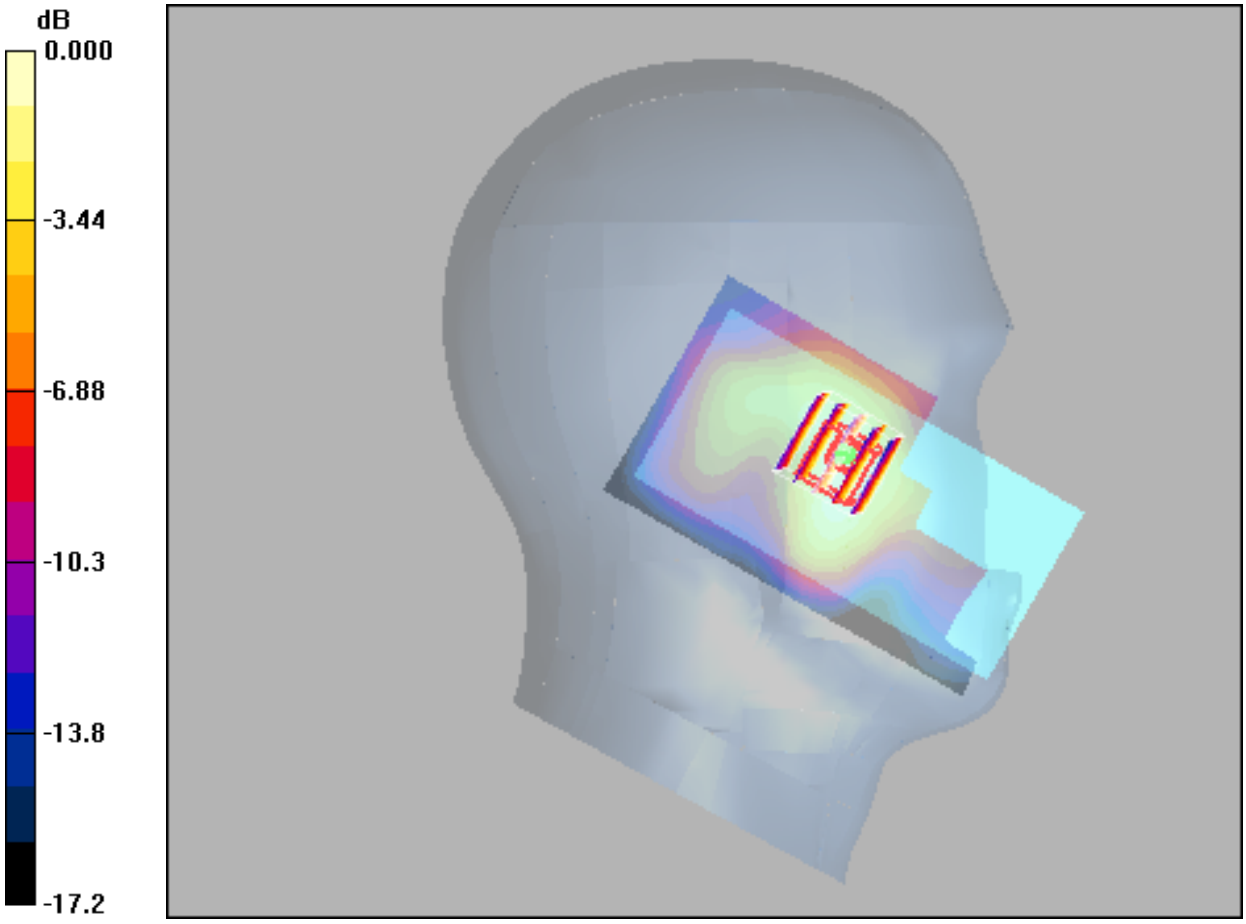
DUT: EUT

Communication System: WCDMA Band II; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: H1900 Medium parameters used: f = 1908 MHz; σ = 1.43 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(5.08, 5.08, 5.08); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.563 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.47 V/m; Power Drift = 0.108 dB
Peak SAR (extrapolated) = 0.700 W/kg
SAR(1 g) = 0.462 mW/g; SAR(10 g) = 0.290 mW/g
Maximum value of SAR (measured) = 0.548 mW/g



0 dB = 0.548mW/g

Test Laboratory: UnionTrust Date/Time: 2021/5/25

WCDMA IV_RMC12.2K_Left Cheek_1513

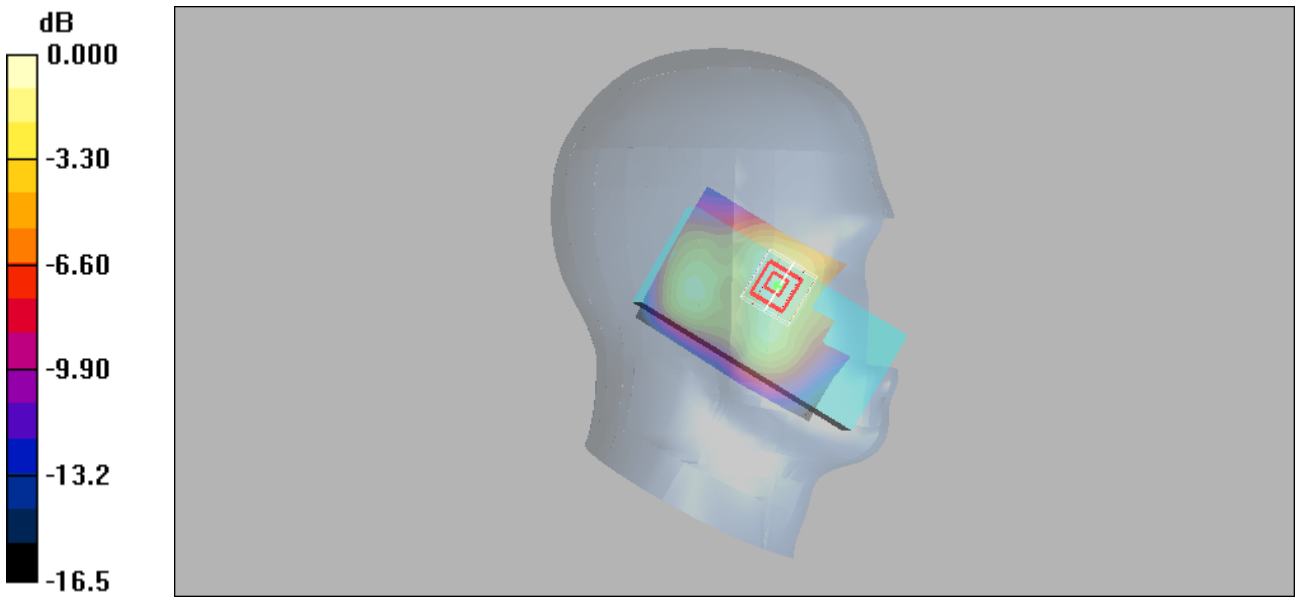
DUT: EUT

Communication System: WCDMA Band IV; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium: H1750 Medium parameters used: f = 1753 MHz; σ = 1.28 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(5.28, 5.28, 5.28); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.364 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.27 V/m; Power Drift = 0.111 dB
Peak SAR (extrapolated) = 0.435 W/kg
SAR(1 g) = 0.305 mW/g; SAR(10 g) = 0.198 mW/g
Maximum value of SAR (measured) = 0.350 mW/g



0 dB = 0.350mW/g

Test Laboratory: UnionTrust Date/Time: 2021/5/24

WCDMA V_RMC12.2K_Left Cheek_4233

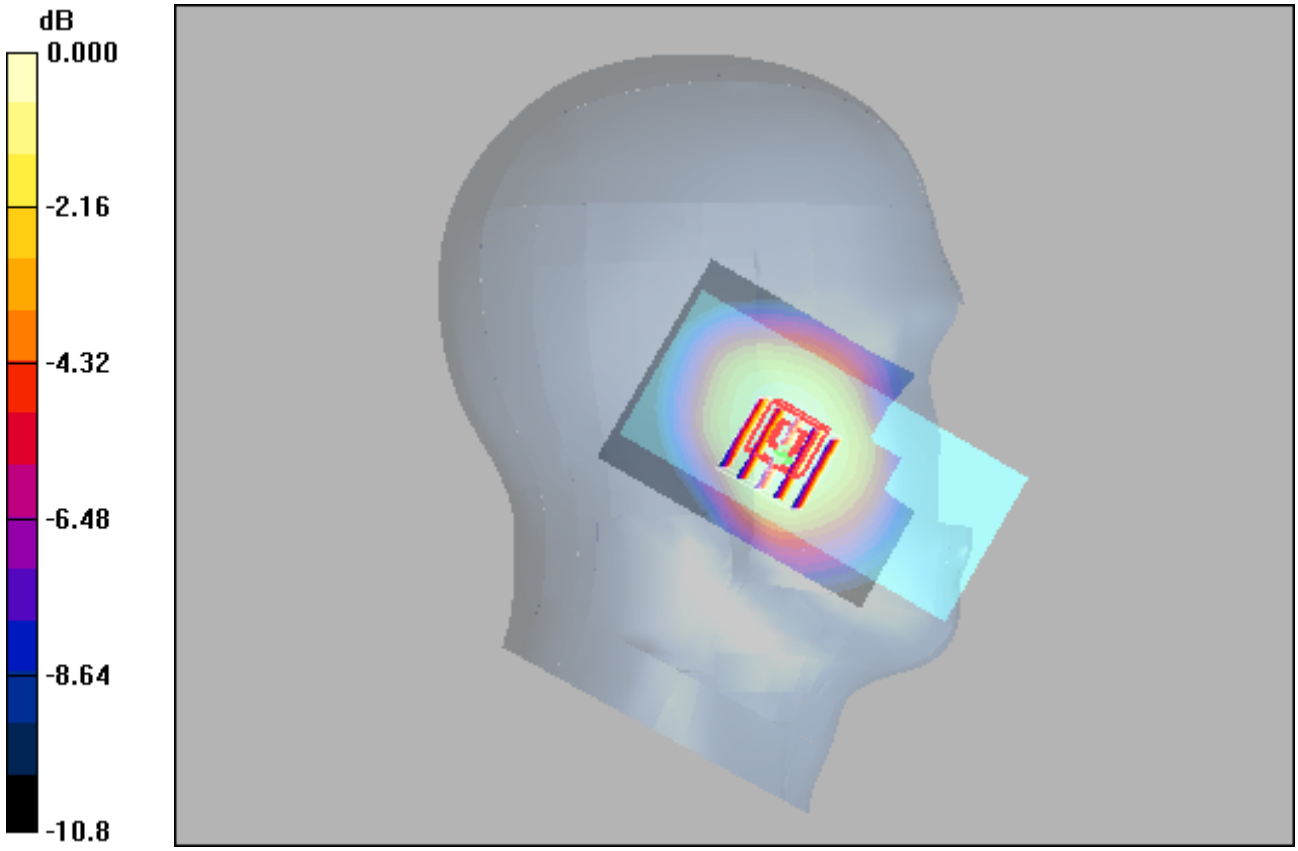
DUT: EUT

Communication System: WCDMA Band V; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: H835 Medium parameters used: f = 847 MHz; σ = 0.988 mho/m; ε_r = 41.6; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(6.15, 6.15, 6.15); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 2; Type: QD 000 P40 CB; Serial: TP-1376
- Postprocessing SW: SEMCAD, V1.8 Build 186

4233/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.471 mW/g

4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.52 V/m; Power Drift = 0.169 dB
Peak SAR (extrapolated) = 0.566 W/kg
SAR(1 g) = 0.428 mW/g; SAR(10 g) = 0.311 mW/g
Maximum value of SAR (measured) = 0.470 mW/g



0 dB = 0.470mW/g

LTE 2_QPSK20M_1_50_Left Cheek_19100

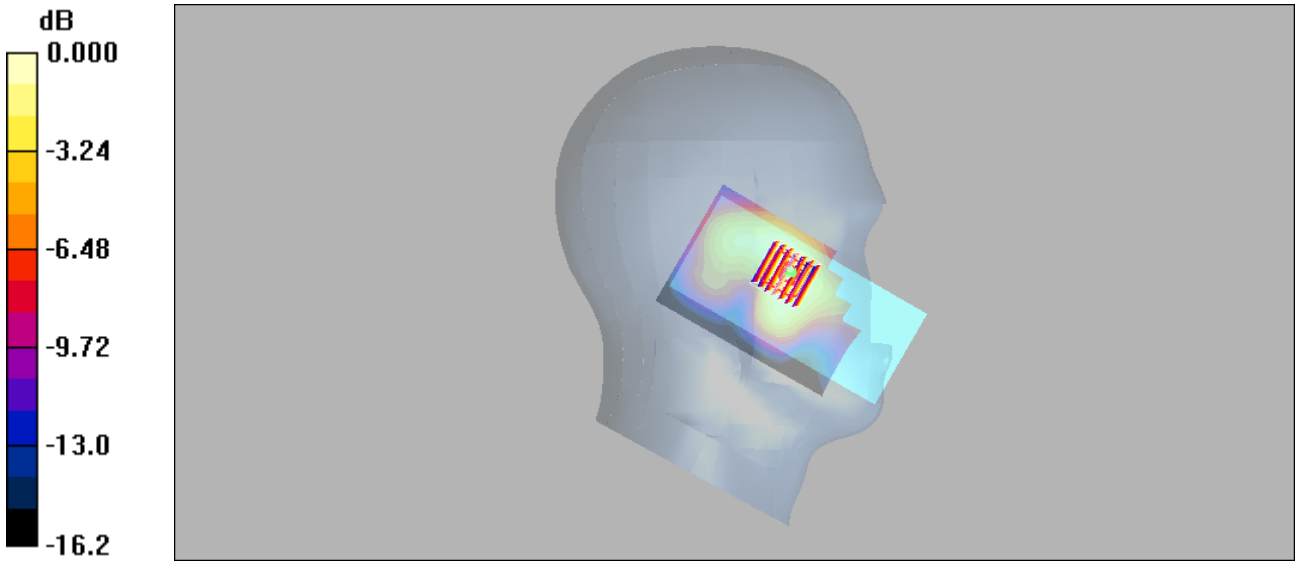
DUT: EUT

Communication System: LTE Band 2; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: H1900 Medium parameters used: f = 1900 MHz; σ = 1.42 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(5.08, 5.08, 5.08); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

Area Scan (71x101x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.269 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.82 V/m; Power Drift = 0.107 dB
Peak SAR (extrapolated) = 0.349 W/kg
SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.145 mW/g
Maximum value of SAR (measured) = 0.275 mW/g



0 dB = 0.275mW/g

LTE 4_QPSK20M_1_50_Right Cheek_20050

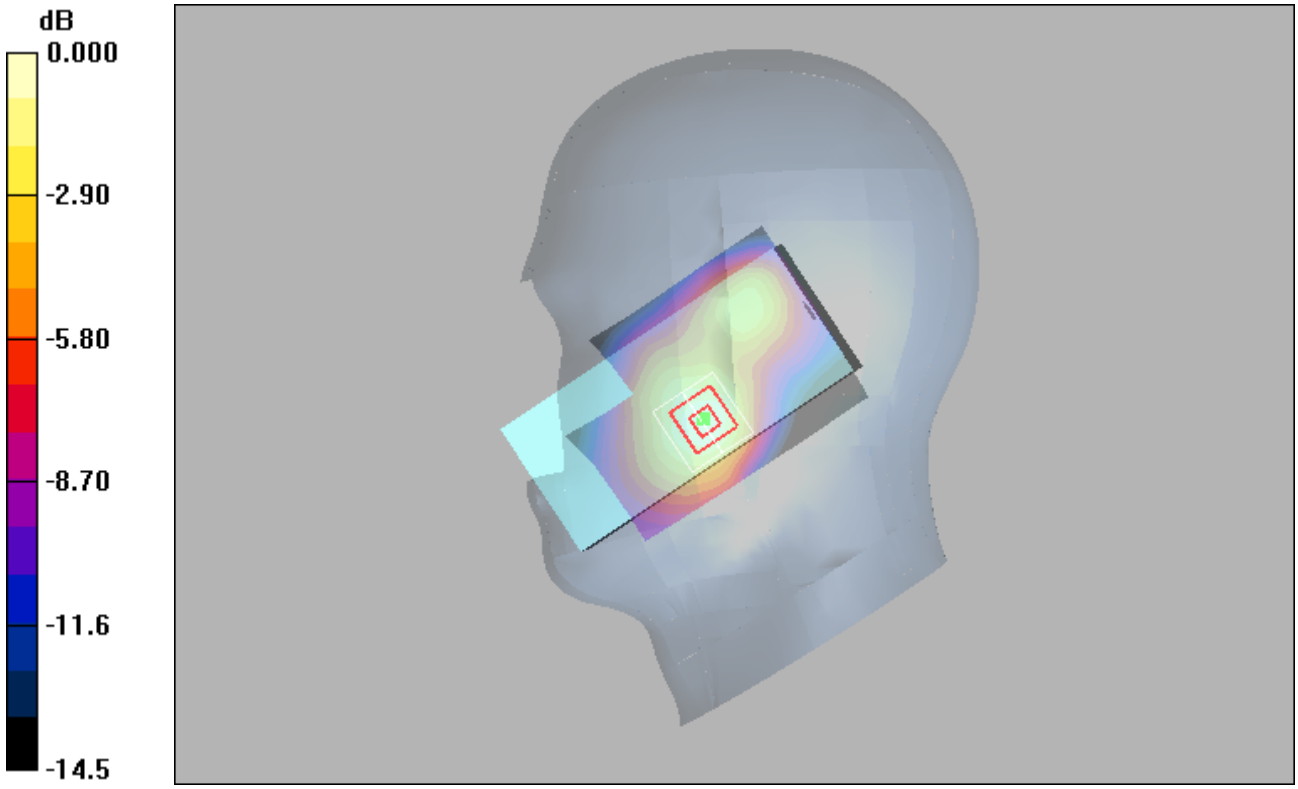
DUT: EUT

Communication System: LTE Band 4&20M; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: H1750 Medium parameters used: f = 1720 MHz; σ = 1.35 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(5.28, 5.28, 5.28); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.371 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.59 V/m; Power Drift = 0.180 dB
Peak SAR (extrapolated) = 0.449 W/kg
SAR(1 g) = 0.309 mW/g; SAR(10 g) = 0.196 mW/g
Maximum value of SAR (measured) = 0.363 mW/g



0 dB = 0.363mW/g

LTE 5_QPSK10M_1_24_Left Cheek_20525

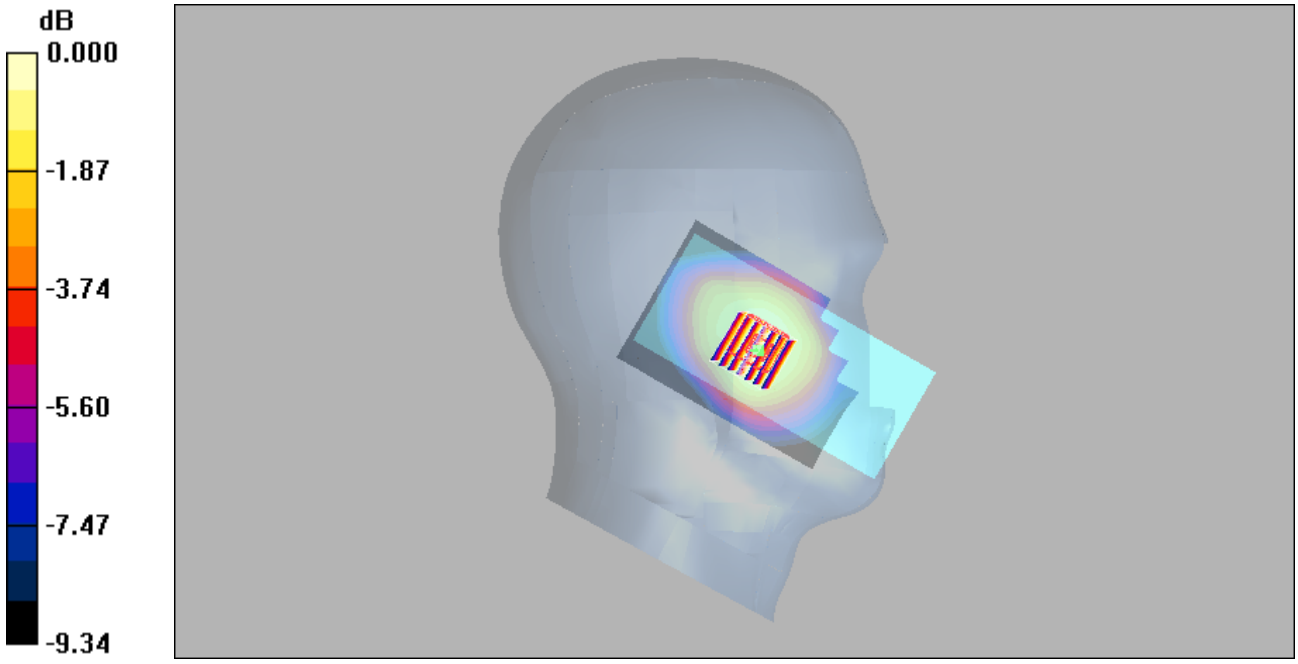
DUT: EUT

Communication System: LTE Band5; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: H835 Medium parameters used: f = 836.5 MHz; σ = 0.982 mho/m; ε_r = 41.6; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(6.15, 6.15, 6.15); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 2; Type: QD 000 P40 CB; Serial: TP-1376
- Postprocessing SW: SEMCAD, V1.8 Build 186

Area Scan (71x101x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.233 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.83 V/m; Power Drift = 0.174 dB
Peak SAR (extrapolated) = 0.282 W/kg
SAR(1 g) = 0.210 mW/g; SAR(10 g) = 0.152 mW/g
Maximum value of SAR (measured) = 0.235 mW/g



0 dB = 0.235mW/g

LTE7_QPSK20M_1_50_Right Cheek_20850

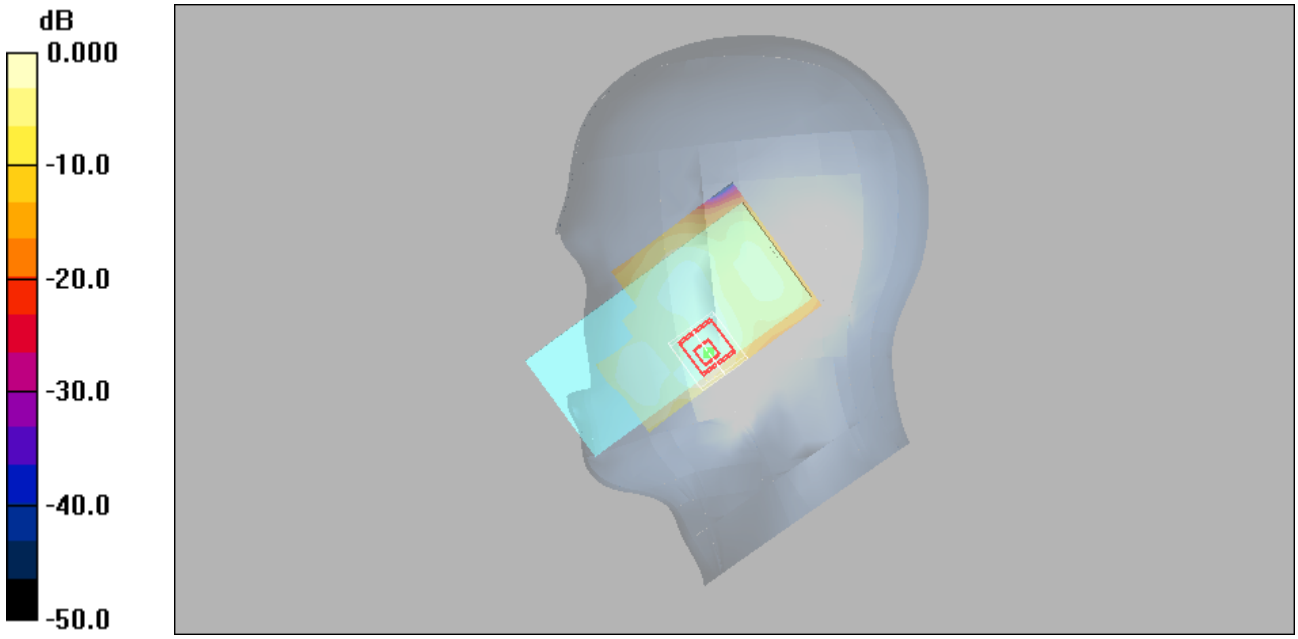
DUT: EUT

Communication System: LTE Band 7; Frequency: 2510 MHz;Duty Cycle: 1:1
Medium: H2600 Medium parameters used: f = 2510 MHz; σ = 1.95 mho/m; ε_r = 39; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(4.6, 4.6, 4.6); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

Area Scan (71x101x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.201 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.37 V/m; Power Drift = -0.109 dB
Peak SAR (extrapolated) = 0.288 W/kg
SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.075 mW/g
Maximum value of SAR (measured) = 0.196 mW/g



0 dB = 0.196mW/g

LTE12_QPSK10M_1_0_Left Cheek_23130

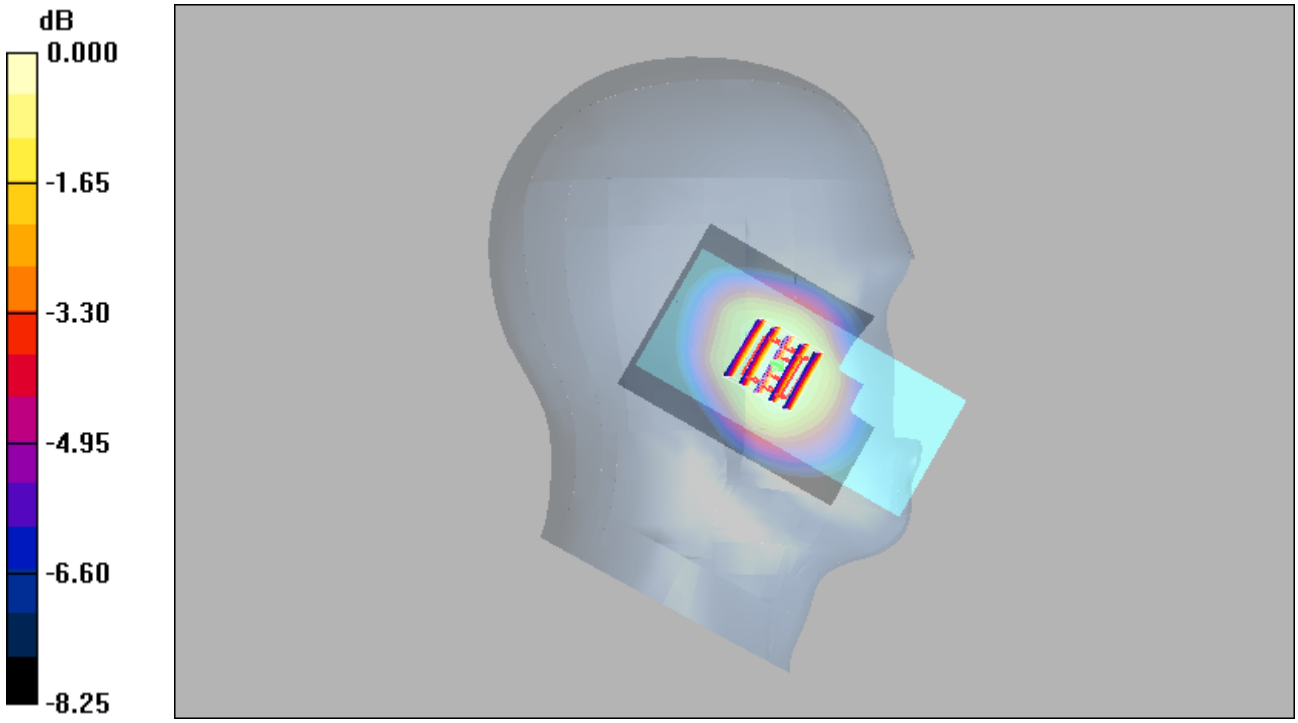
DUT: EUT

Communication System: LTE Band 12; Frequency: 711 MHz;Duty Cycle: 1:1
Medium: H750 Medium parameters used: f = 711 MHz; σ = 0.903 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(6.32, 6.32, 6.32); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 2; Type: QD 000 P40 CB; Serial: TP-1376
- Postprocessing SW: SEMCAD, V1.8 Build 186

23130/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.218 mW/g

23130/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.04 V/m; Power Drift = 0.164 dB
Peak SAR (extrapolated) = 0.261 W/kg
SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.154 mW/g
Maximum value of SAR (measured) = 0.226 mW/g



0 dB = 0.226mW/g

Test Laboratory: UnionTrust Date/Time: 2021/5/24

LTE 13_QPSK10M_1_49_Left Cheek_23230

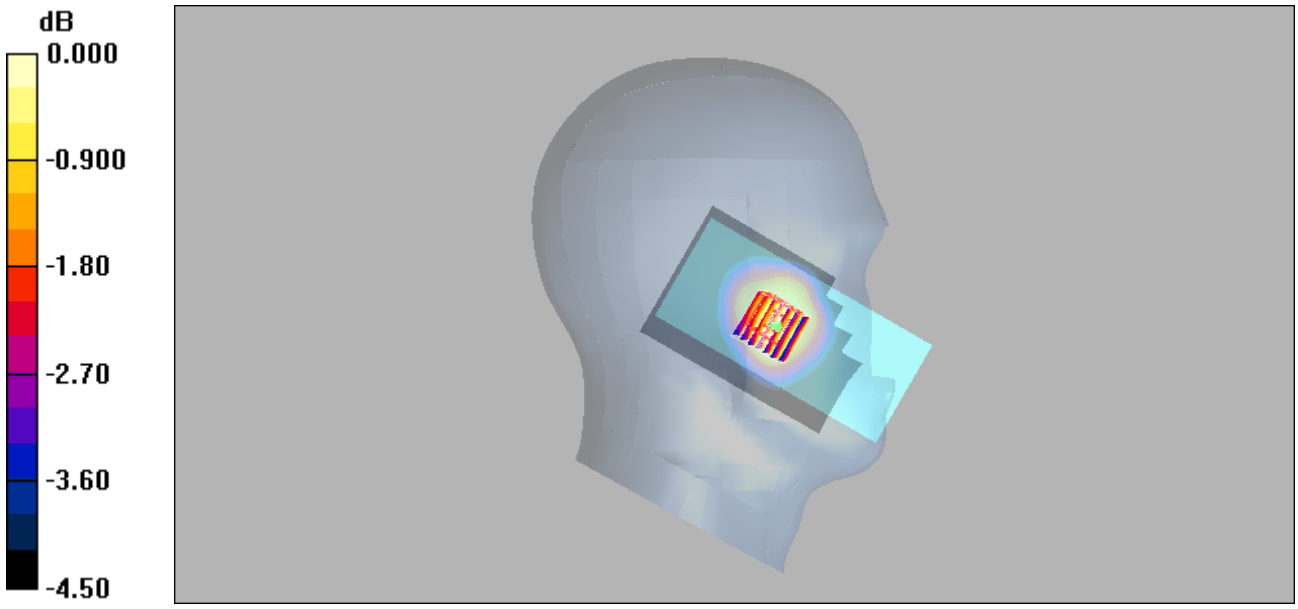
DUT: EUT

Communication System: LTE Band 13; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: H750 Medium parameters used: f = 782 MHz; σ = 0.945 mho/m; ε_r = 41.8; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(6.32, 6.32, 6.32); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 2; Type: QD 000 P40 CB; Serial: TP-1376
- Postprocessing SW: SEMCAD, V1.8 Build 186

Area Scan (71x101x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.228 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.40 V/m; Power Drift = 0.159 dB
Peak SAR (extrapolated) = 0.234 W/kg
SAR(1 g) = 0.220 mW/g; SAR(10 g) = 0.191 mW/g
Maximum value of SAR (measured) = 0.231 mW/g



0 dB = 0.231mW/g

Test Laboratory: UnionTrust Date/Time: 2021/5/25

LTE 25_QPSK20M_1_50_Left Cheek_26590

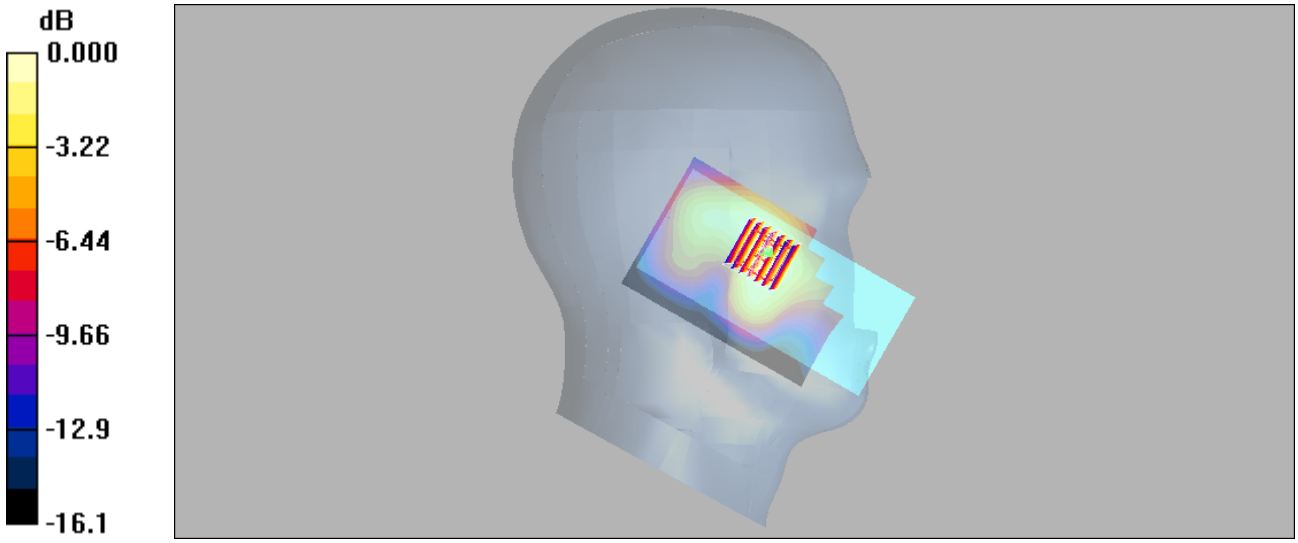
DUT: EUT

Communication System: LTE Band 25; Frequency: 1905 MHz;Duty Cycle: 1:1
Medium: H1900 Medium parameters used: f = 1905 MHz; σ = 1.42 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(5.08, 5.08, 5.08); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

Area Scan (71x101x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.304 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.17 V/m; Power Drift = 0.135 dB
Peak SAR (extrapolated) = 0.379 W/kg
SAR(1 g) = 0.248 mW/g; SAR(10 g) = 0.155 mW/g
Maximum value of SAR (measured) = 0.294 mW/g



0 dB = 0.294mW/g

Test Laboratory: UnionTrust Date/Time: 2021/5/24

LTE26_QPSK15M_1_74_Right Cheek_26965

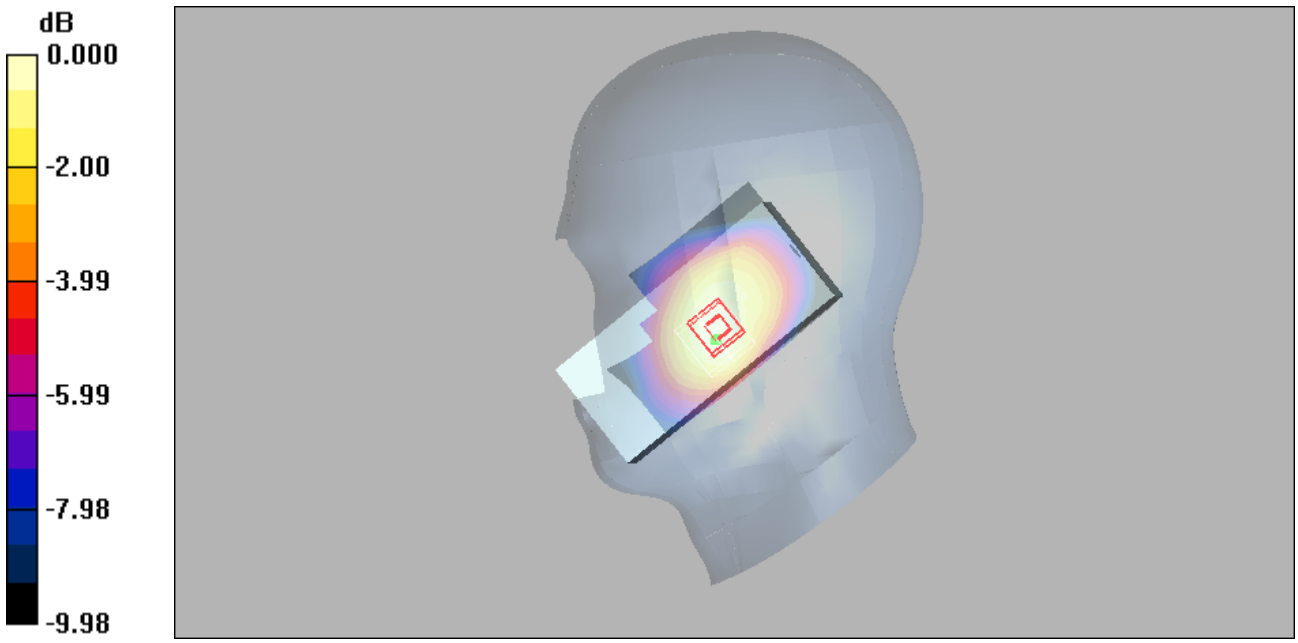
DUT: EUT

Communication System: LTE 26; Frequency: 821.5 MHz;Duty Cycle: 1:1
Medium: H835 Medium parameters used: f = 821.5 MHz; σ = 0.973 mho/m; ε_r = 41.7; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(6.15, 6.15, 6.15); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 2; Type: QD 000 P40 CB; Serial: TP-1376
- Postprocessing SW: SEMCAD, V1.8 Build 186

Area Scan (71x101x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.227 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.09 V/m; Power Drift = 0.028 dB
Peak SAR (extrapolated) = 0.277 W/kg
SAR(1 g) = 0.201 mW/g; SAR(10 g) = 0.145 mW/g
Maximum value of SAR (measured) = 0.224 mW/g



0 dB = 0.224mW/g

LTE41_QPSK20M_1_50_Right Cheek_41490

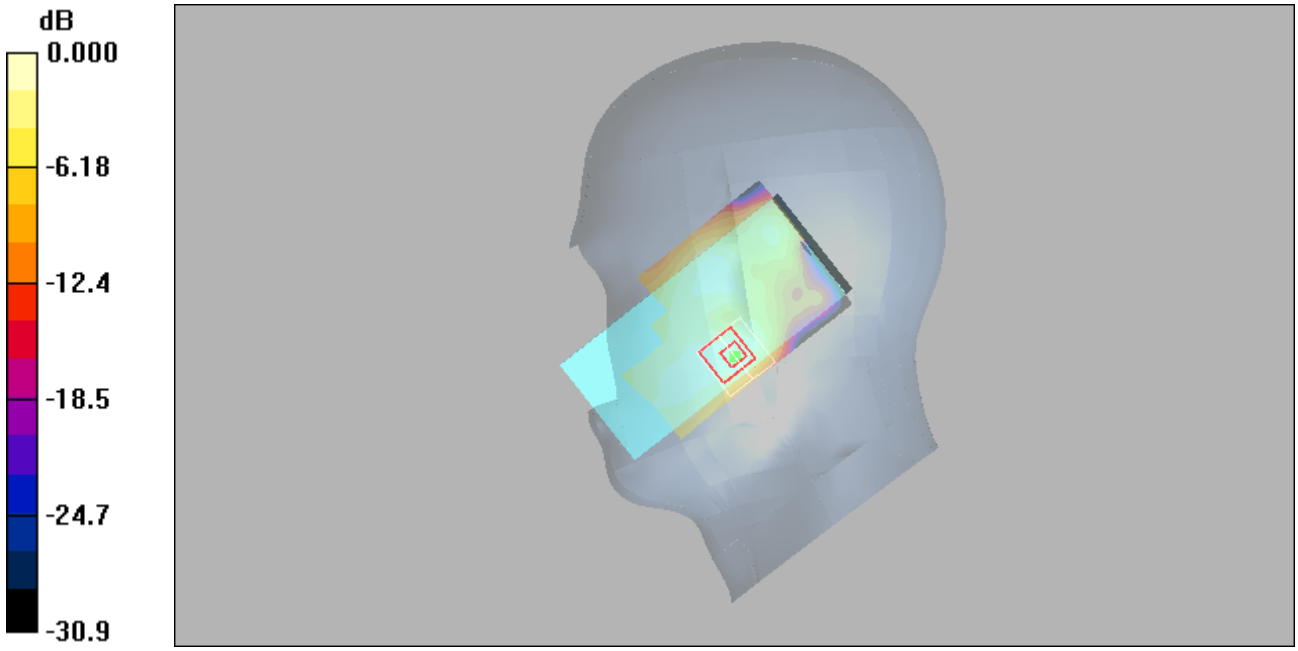
DUT: EUT

Communication System: TD-LTE Band41-4; Frequency: 2680 MHz;Duty Cycle: 1:1.59
Medium: H2600 Medium parameters used: f = 2600 MHz; σ = 2.04 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(4.43, 4.43, 4.43); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

Area Scan (71x101x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.072 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.86 V/m; Power Drift = 0.149 dB
Peak SAR (extrapolated) = 0.115 W/kg
SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.028 mW/g
Maximum value of SAR (measured) = 0.071 mW/g



0 dB = 0.071mW/g

Test Laboratory: UnionTrust Date/Time: 2021/5/25

LTE 66_QPSK20M_1_50_Right Cheek_132322

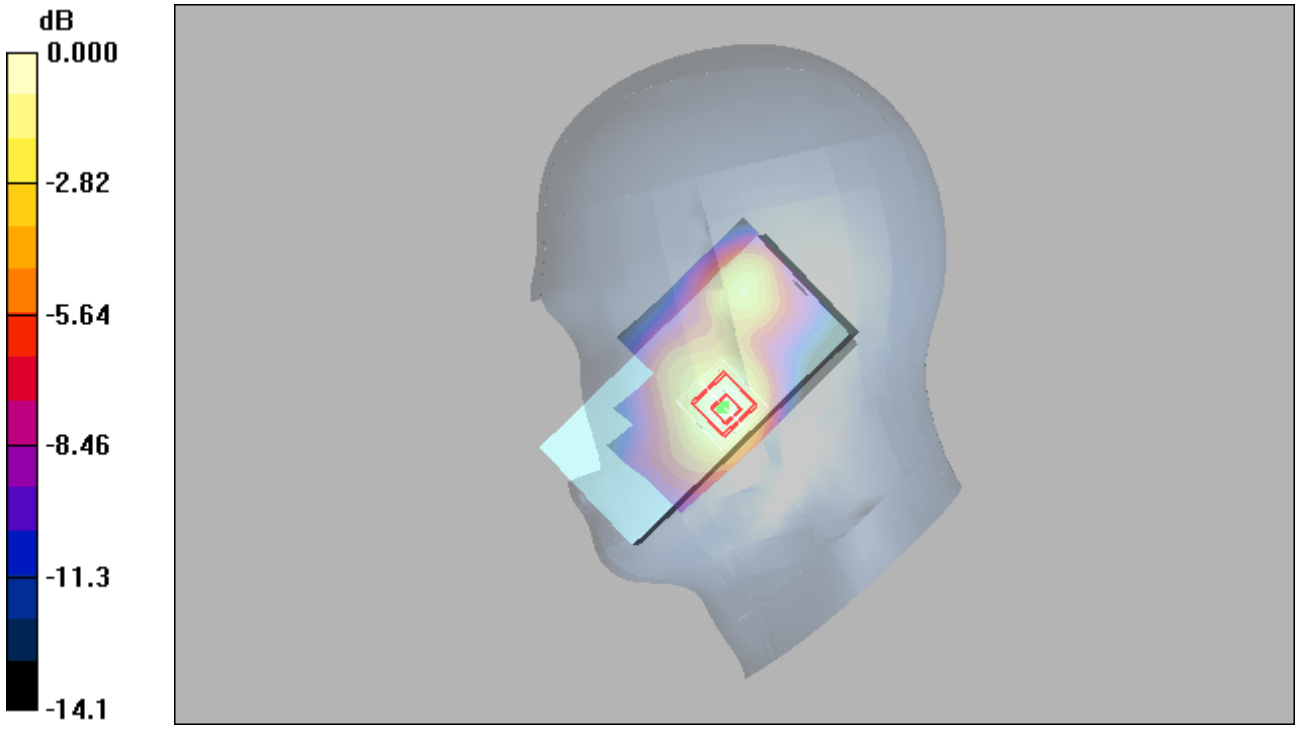
DUT: EUT

Communication System: LTE 66; Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: H1750 Medium parameters used: f = 1745 MHz; σ = 1.38 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(5.28, 5.28, 5.28); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

Area Scan (71x101x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.513 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.42 V/m; Power Drift = -0.139 dB
Peak SAR (extrapolated) = 0.648 W/kg
SAR(1 g) = 0.444 mW/g; SAR(10 g) = 0.280 mW/g
Maximum value of SAR (measured) = 0.525 mW/g



0 dB = 0.525mW/g

LTE71_QPSK20M_1_50_Right Cheek_133222

DUT: EUT

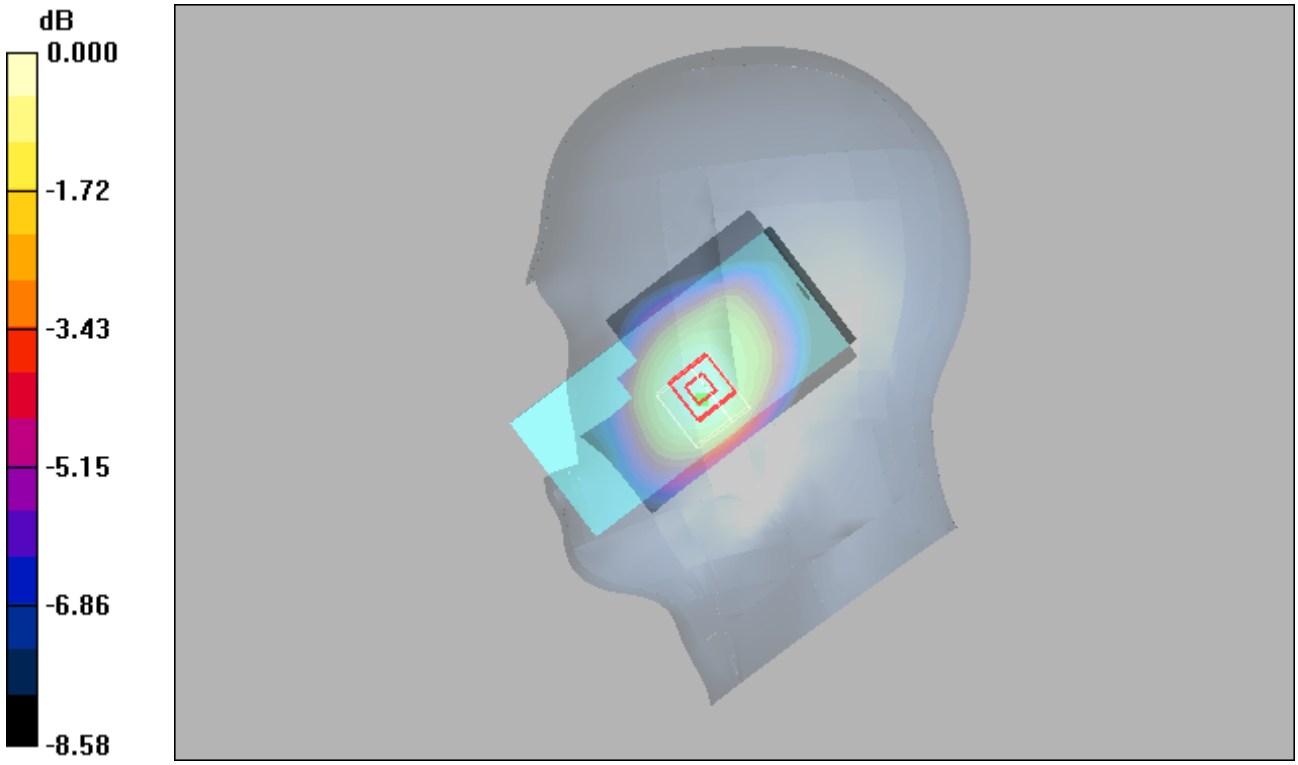
Communication System: LTE Band 71 & 20M; Frequency: 673 MHz;Duty Cycle: 1:1
Medium: H750 Medium parameters used: f = 673 MHz; σ = 0.879 mho/m; ε_r = 42.6; ρ = 1000 kg/m^3

DASY4 Configuration:

- Probe: ES3DV3 - SN3090; ConvF(6.32, 6.32, 6.32); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 2; Type: QD 000 P40 CB; Serial: TP-1376
- Postprocessing SW: SEMCAD, V1.8 Build 186

133222/Area Scan (71x101x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.218 mW/g

133222/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.57 V/m; Power Drift = -0.103 dB
Peak SAR (extrapolated) = 0.250 W/kg
SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.142 mW/g
Maximum value of SAR (measured) = 0.213 mW/g



0 dB = 0.213mW/g

WIFI 2.4G_802.11b_Right Cheek_1

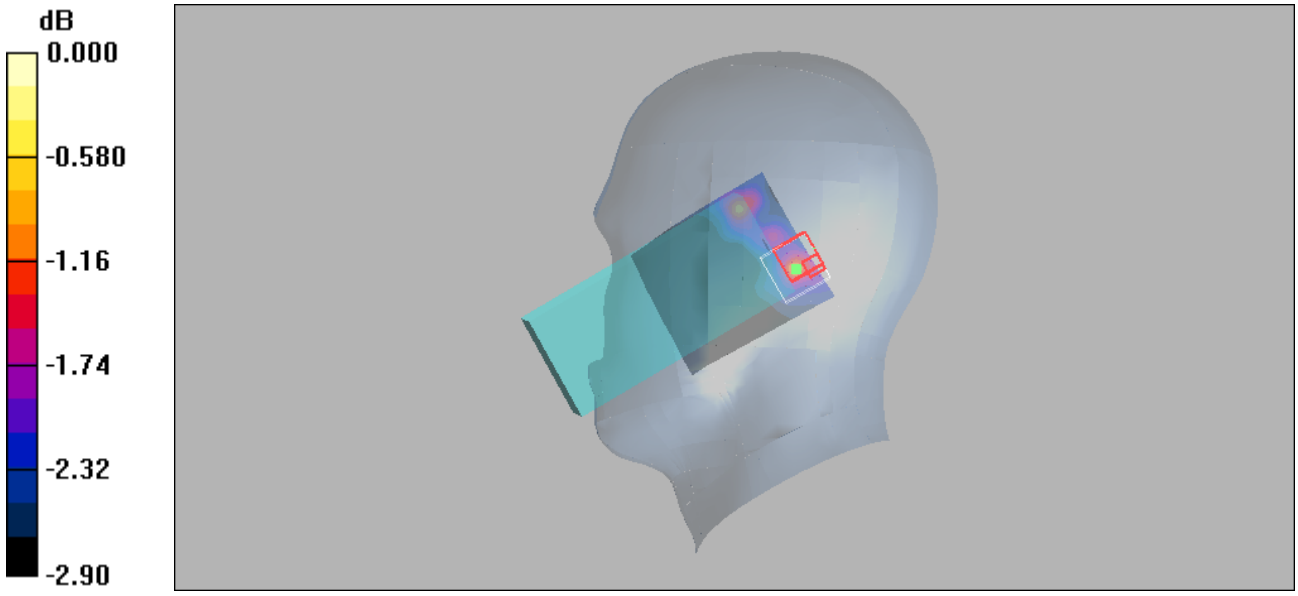
DUT: EUT

Communication System: Wlan 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: H2450 Medium parameters used: f = 2412 MHz; σ = 1.81 mho/m; ε_r = 39.1; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(4.6, 4.6, 4.6); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

Area Scan (71x81x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.091 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.97 V/m; Power Drift = -0.174 dB
Peak SAR (extrapolated) = 0.112 W/kg
SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.079 mW/g
Maximum value of SAR (measured) = 0.112 mW/g



0 dB = 0.112mW/g

Date: 6/10/2021

802.11n-5270-Right Tilt

Communication System: UID 0, 802.11a (0); Frequency: 5270 MHz;Duty Cycle: 1:1.09396
Medium: 5G Head Medium parameters used: f = 5270 MHz; σ = 4.634 S/m; ε_r = 34.7; ρ = 1000 kg/m^3
Phantom section: Right Section

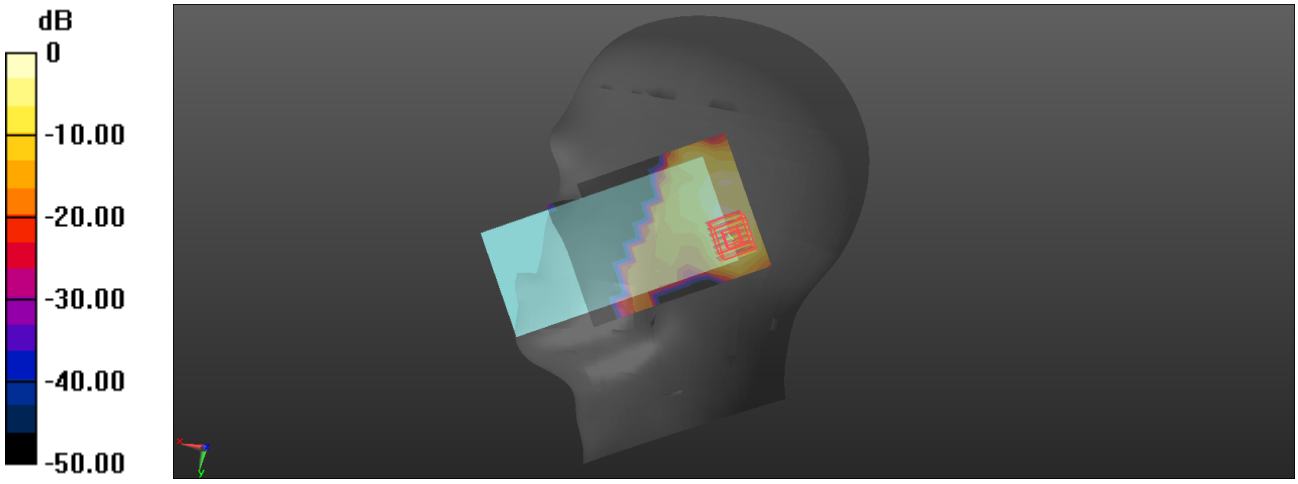
Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(5.35, 5.35, 5.35) @ 5270 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1891
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.322 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 7.586 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.518 W/kg
SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.053 W/kg
Maximum value of SAR (measured) = 0.342 W/kg



0 dB = 0.342 W/kg = -4.66 dBW/kg

Date: 6/10/2021

802.11n-5670-Right Tilt

Communication System: UID 0, 802.11a (0); Frequency: 5670 MHz;Duty Cycle: 1:1.09396
Medium: 5G Head Medium parameters used: f = 5670 MHz; σ = 4.998 S/m; ε_r = 34.114; ρ = 1000 kg/m^3
Phantom section: Right Section

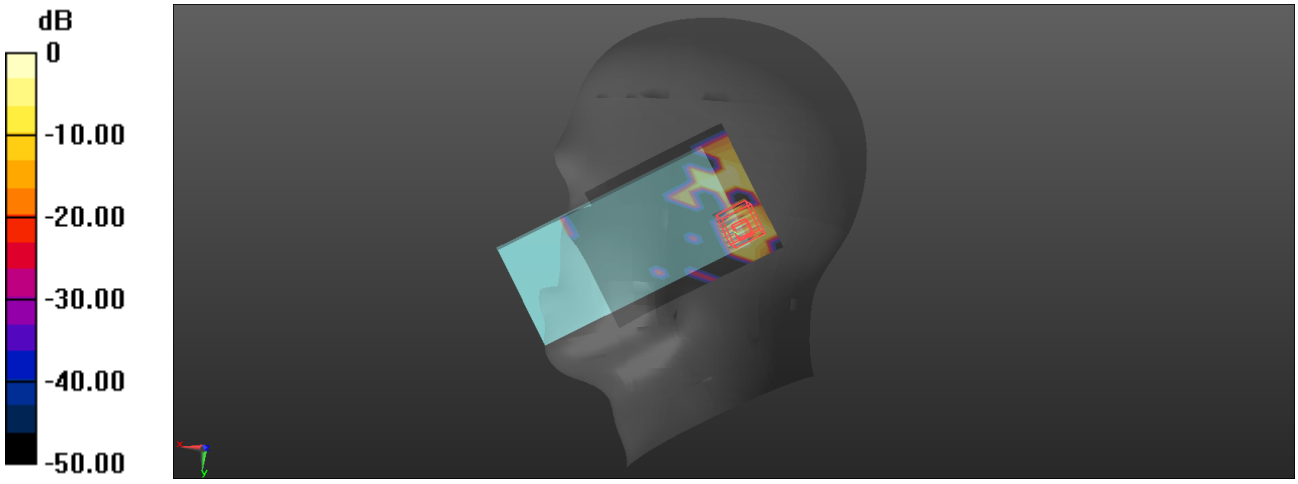
Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(4.75, 4.75, 4.75) @ 5670 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1891
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.112 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.131 W/kg
SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.010 W/kg
Maximum value of SAR (measured) = 0.0971 W/kg



0 dB = 0.0971 W/kg = -10.13 dBW/kg

Date: 6/10/2021

802.11n-5755-Left Cheek

Communication System: UID 0, 802.11a (0); Frequency: 5755 MHz;Duty Cycle: 1:1.09396
Medium: 5G Head Medium parameters used: f = 5755 MHz; σ = 5.089 S/m; ε_r = 33.959; ρ = 1000 kg/m^3
Phantom section: Left Section

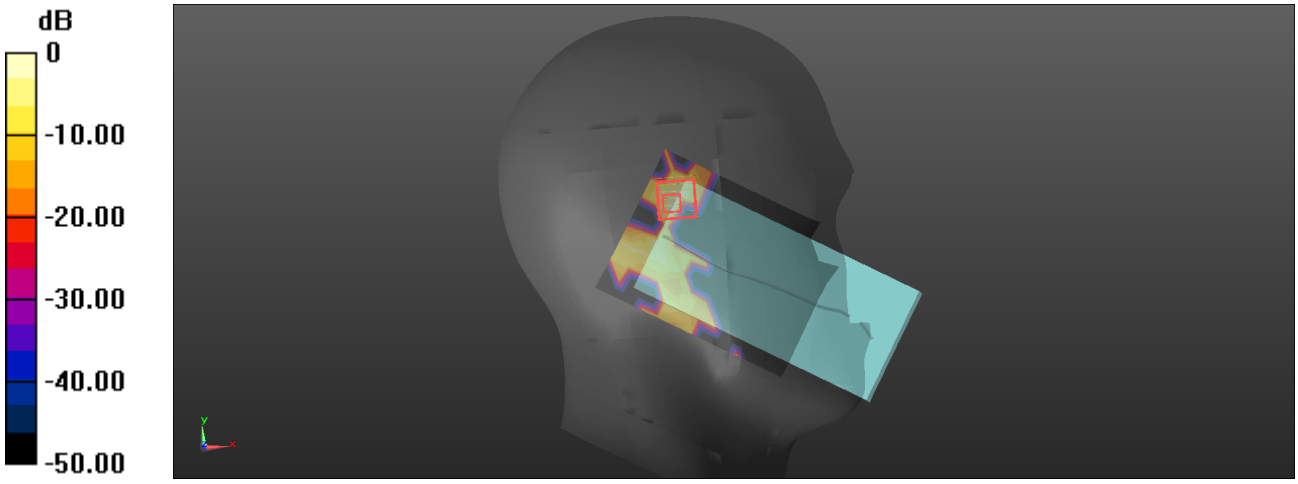
Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(4.72, 4.72, 4.72) @ 5755 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1891
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0572 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.7460 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.187 W/kg
SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.00394 W/kg
Maximum value of SAR (measured) = 0.0694 W/kg



0 dB = 0.0694 W/kg = -11.59 dBW/kg

GSM850_GPRS10_Front Face_10mm_128

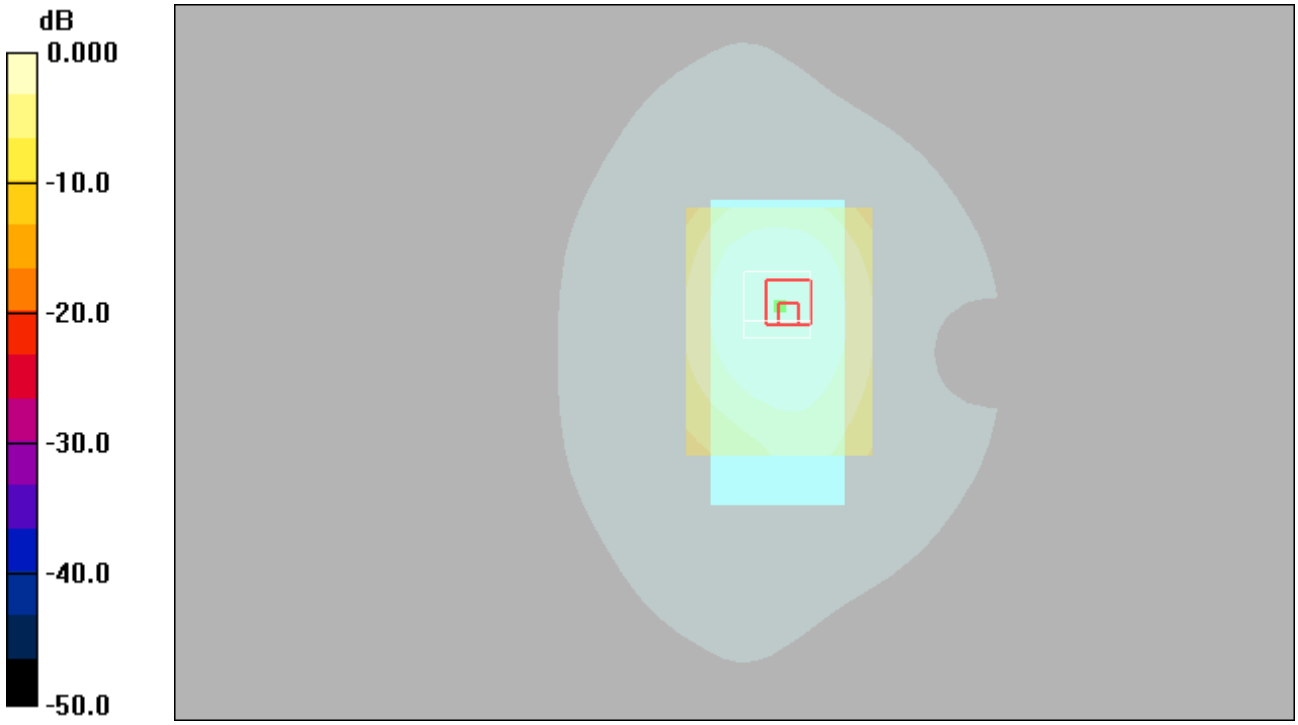
DUT: EUT

Communication System: GPRS 850-2solt; Frequency: 824.2 MHz;Duty Cycle: 1:4.15
Medium: H835 Medium parameters used: f = 824.2 MHz; σ = 0.975 mho/m; ε_r = 41.7; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(6.15, 6.15, 6.15); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 2; Type: QD 000 P40 CB; Serial: TP-1376
- Postprocessing SW: SEMCAD, V1.8 Build 186

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.876 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.9 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.60 W/kg
SAR(1 g) = 0.829 mW/g; SAR(10 g) = 0.528 mW/g
Maximum value of SAR (measured) = 0.873 mW/g



0 dB = 0.873mW/g

Test Laboratory: UnionTrust Date/Time: 2021/5/25

GSM1900_GPRS12_Rear Face_10mm_810

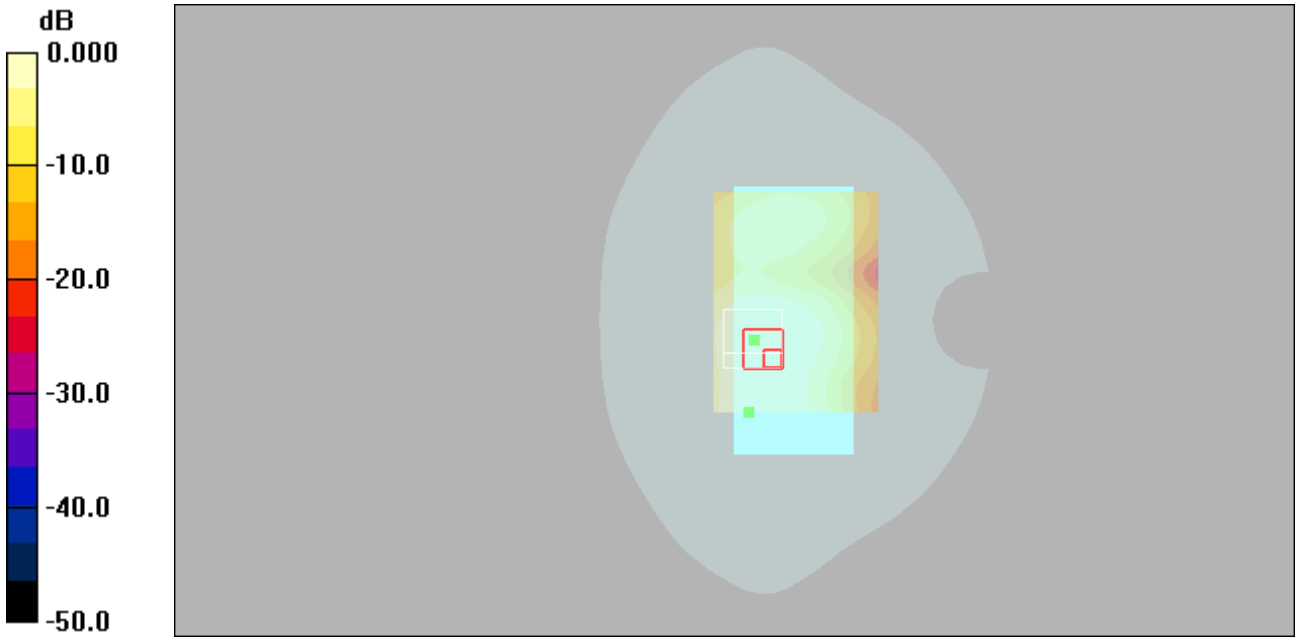
DUT: EUT

Communication System: GPRS1900-4slots; Frequency: 1909.8 MHz;Duty Cycle: 1:2.08
Medium: H1900 Medium parameters used: f = 1910 MHz; σ = 1.43 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(5.08, 5.08, 5.08); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.57 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.9 V/m; Power Drift = -0.112 dB
Peak SAR (extrapolated) = 2.46 W/kg
SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.027 mW/g
Maximum value of SAR (measured) = 1.23 mW/g



0 dB = 1.23mW/g

WCDMA II_RMC12.2K_Rear Face_10mm_9262

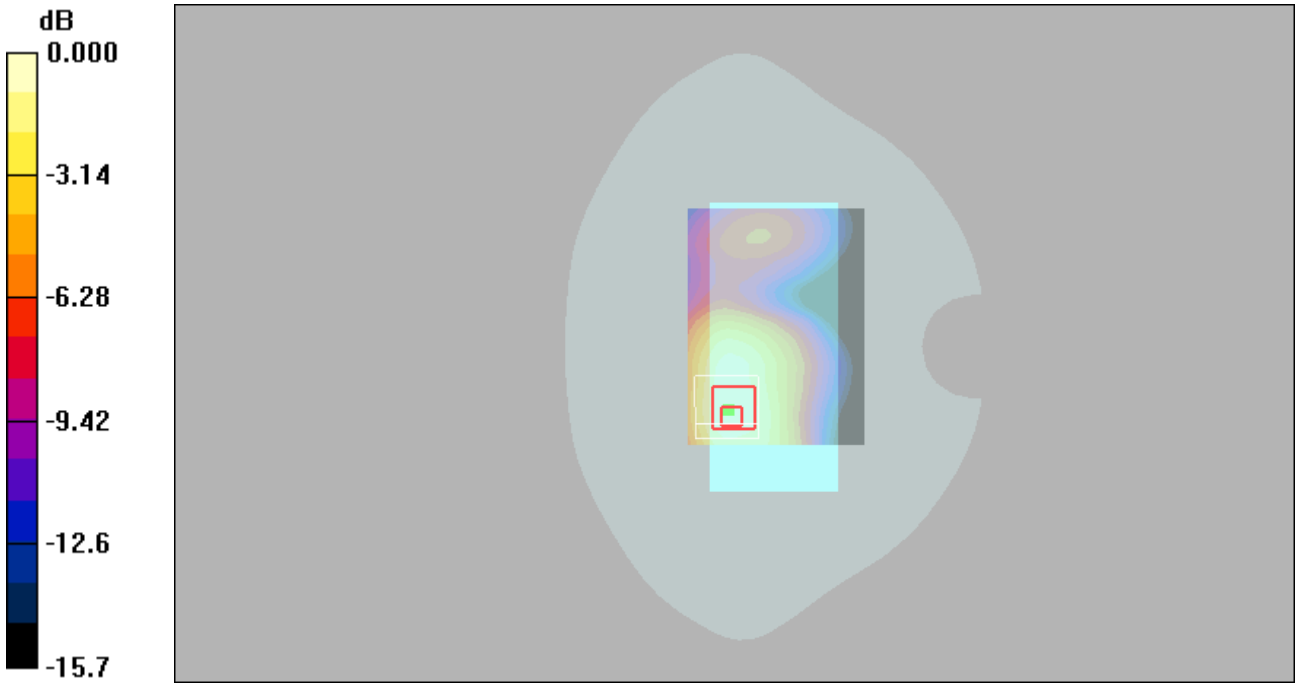
DUT: EUT

Communication System: WCDMA Band II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: H1900 Medium parameters used: f = 1852.4 MHz; σ = 1.37 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(5.08, 5.08, 5.08); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.14 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.5 V/m; Power Drift = 0.169 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 0.958 mW/g; SAR(10 g) = 0.598 mW/g
Maximum value of SAR (measured) = 1.12 mW/g



0 dB = 1.12mW/g

WCDMA IV_RMC12.2K_Rear Face_10mm_1312

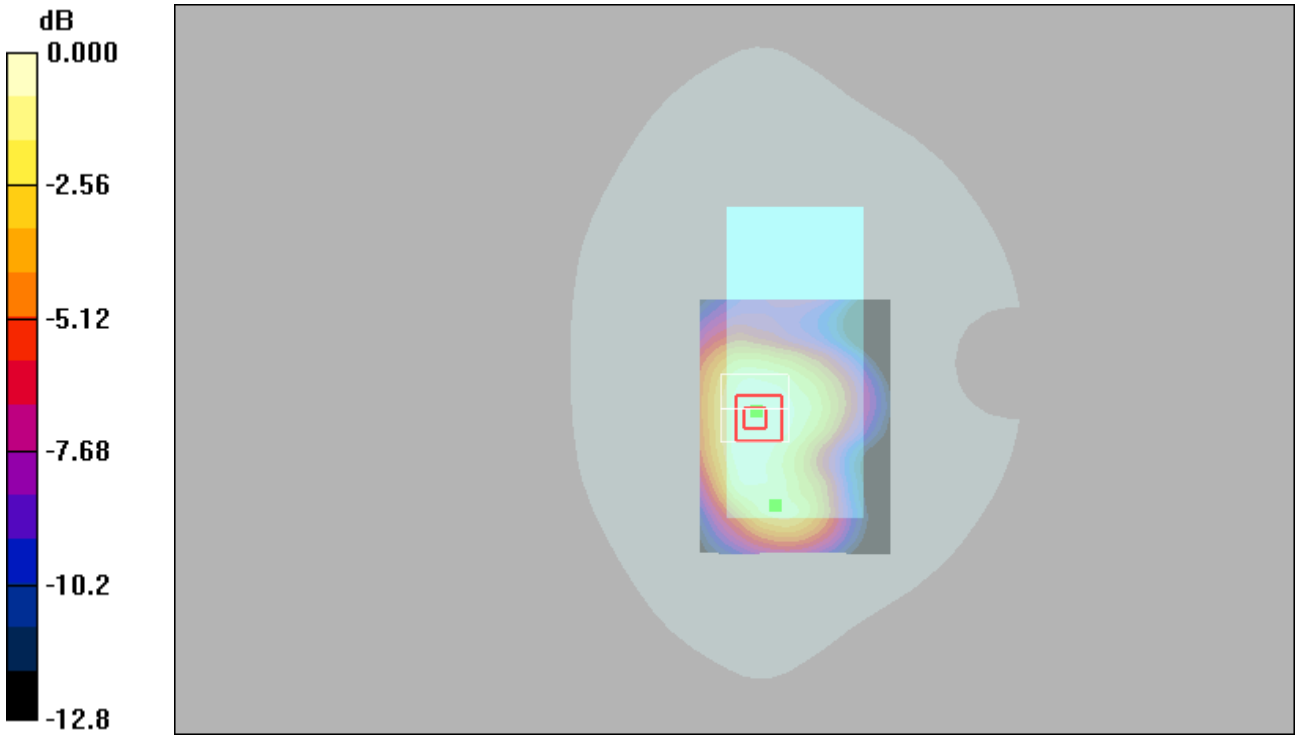
DUT: EUT

Communication System: WCDMA Band IV; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium: H1750 Medium parameters used: f = 1712.4 MHz; σ = 1.24 mho/m; ε_r = 40.1; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(5.28, 5.28, 5.28); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.762 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.1 V/m; Power Drift = -0.172 dB
Peak SAR (extrapolated) = 0.981 W/kg
SAR(1 g) = 0.665 mW/g; SAR(10 g) = 0.446 mW/g.
Maximum value of SAR (measured) = 0.767 mW/g



0 dB = 0.767mW/g

WCDMA V_RMC12.2K_Front Face_10mm_4182

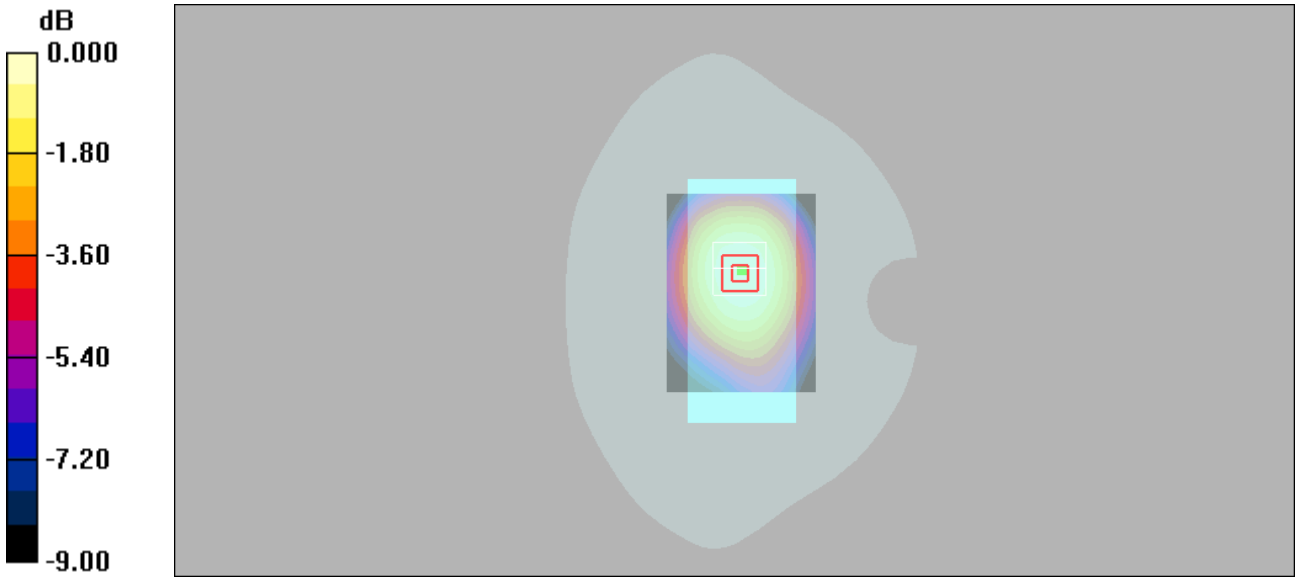
DUT: EUT

Communication System: WCDMA Band V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: H835 Medium parameters used: f = 836.4 MHz; σ = 0.982 mho/m; ε_r = 41.6; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(6.15, 6.15, 6.15); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 2; Type: QD 000 P40 CB; Serial: TP-1376
- Postprocessing SW: SEMCAD, V1.8 Build 186

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.376 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.3 V/m; Power Drift = -0.085 dB
Peak SAR (extrapolated) = 0.440 W/kg
SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.247 mW/g
Maximum value of SAR (measured) = 0.373 mW/g



0 dB = 0.373mW/g

LTE 2_QPSK20M_1_50_Rear Face_18700

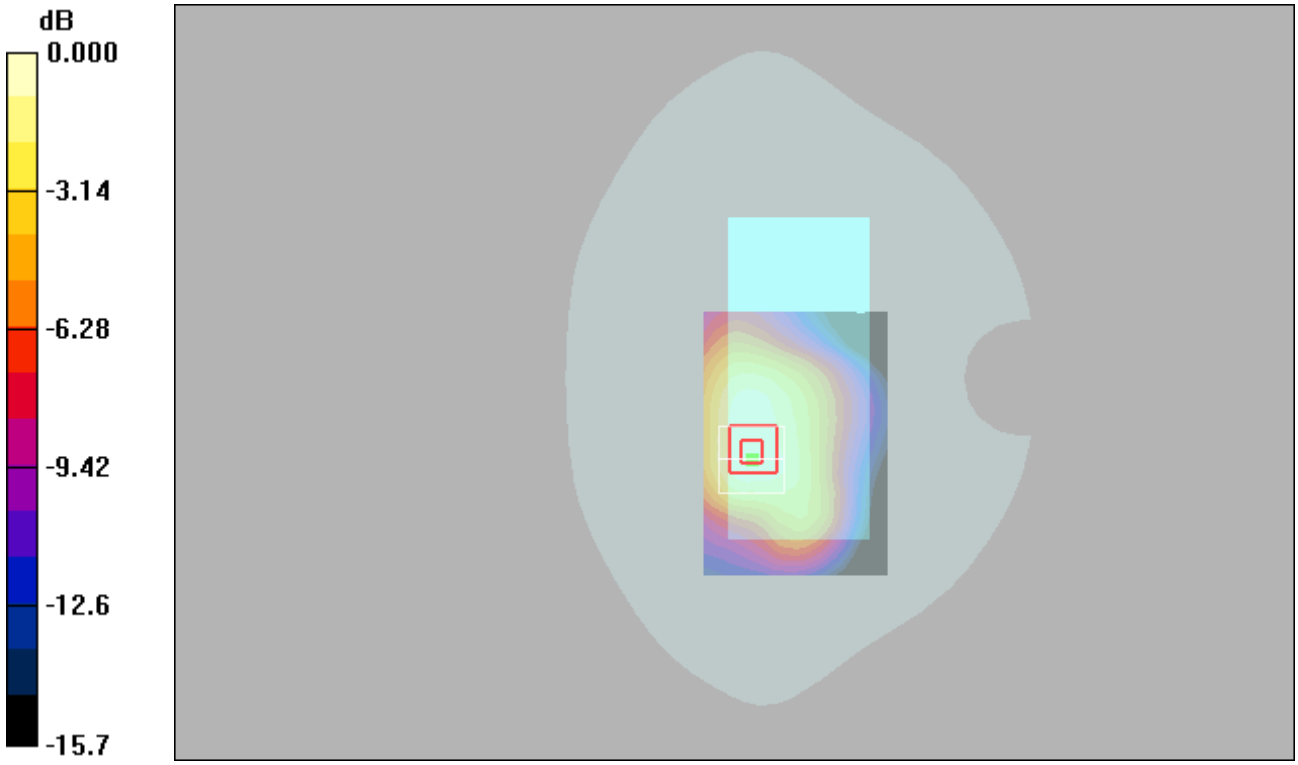
DUT: EUT

Communication System: LTE Band 2; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: H1900 Medium parameters used: f = 1860 MHz; σ = 1.38 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(5.08, 5.08, 5.08); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

Area Scan (71x101x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.511 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.9 V/m; Power Drift = 0.186 dB
Peak SAR (extrapolated) = 0.700 W/kg
SAR(1 g) = 0.439 mW/g; SAR(10 g) = 0.276 mW/g
Maximum value of SAR (measured) = 0.520 mW/g



0 dB = 0.520mW/g

LTE 4_QPSK20M_1_50_Rear Face_20300

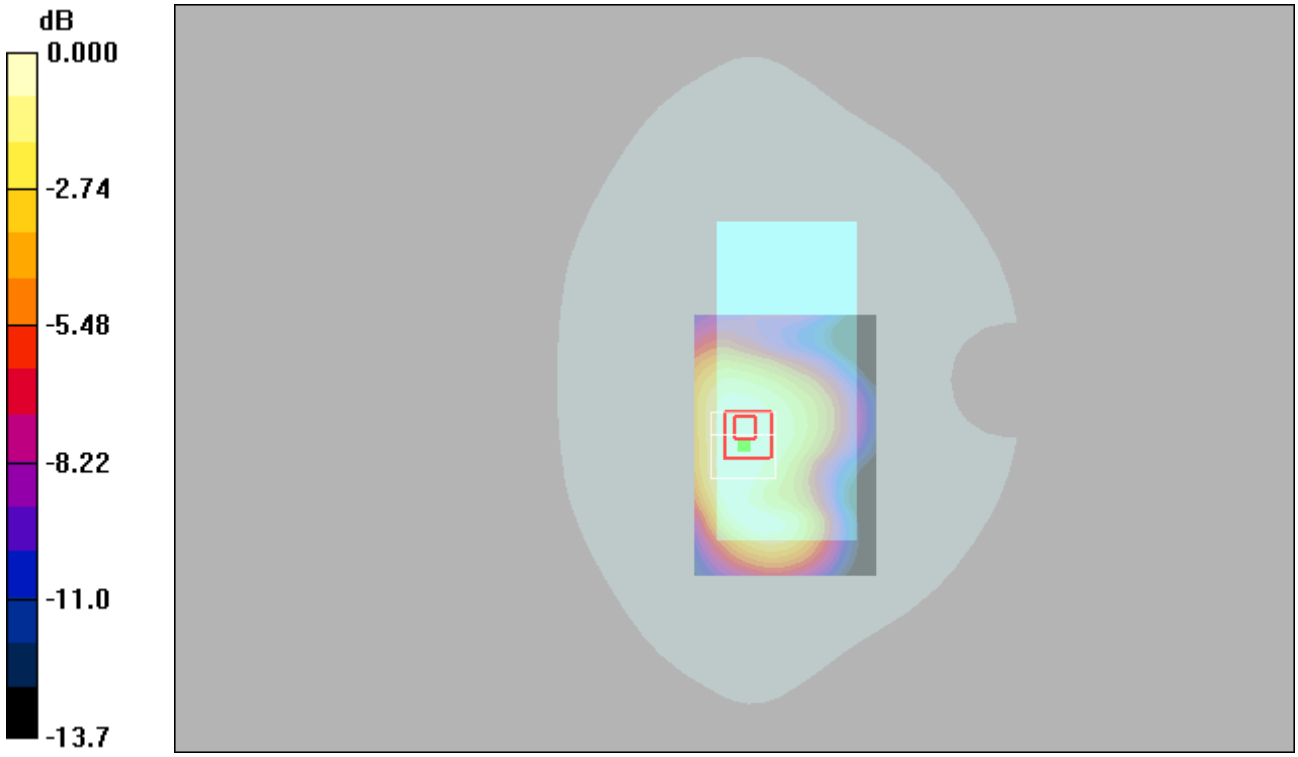
DUT: EUT

Communication System: LTE Band 4&20M; Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: H1750 Medium parameters used: f = 1745 MHz; σ = 1.27 mho/m; ε_r = 39.9; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(5.28, 5.28, 5.28); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

Area Scan (71x101x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.409 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.7 V/m; Power Drift = -0.163 dB
Peak SAR (extrapolated) = 0.527 W/kg
SAR(1 g) = 0.355 mW/g; SAR(10 g) = 0.235 mW/g
Maximum value of SAR (measured) = 0.414 mW/g



0 dB = 0.414mW/g

Test Laboratory: UnionTrust Date/Time: 2021/5/24

LTE 5_QPSK10M_1_24_Front Face_10mm_20450

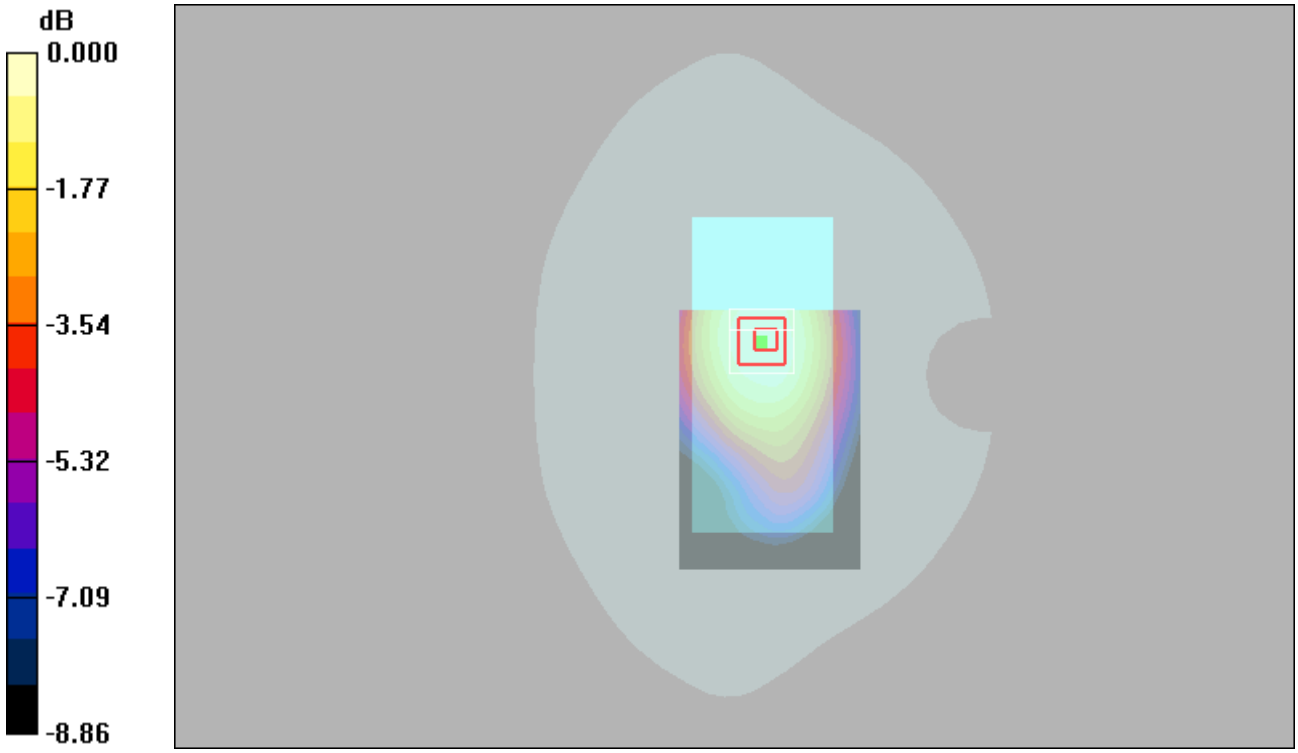
DUT: EUT

Communication System: LTE Band5; Frequency: 829 MHz;Duty Cycle: 1:1
Medium: H835 Medium parameters used: f = 829 MHz; σ = 0.978 mho/m; ε_r = 41.6; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(6.15, 6.15, 6.15); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 2; Type: QD 000 P40 CB; Serial: TP-1376
- Postprocessing SW: SEMCAD, V1.8 Build 186

Area Scan (71x101x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.188 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.7 V/m; Power Drift = -0.009 dB
Peak SAR (extrapolated) = 0.226 W/kg
SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.122 mW/g
Maximum value of SAR (measured) = 0.189 mW/g



0 dB = 0.189mW/g

LTE7_QPSK20M_1_50_Rear Face_10mm_21350

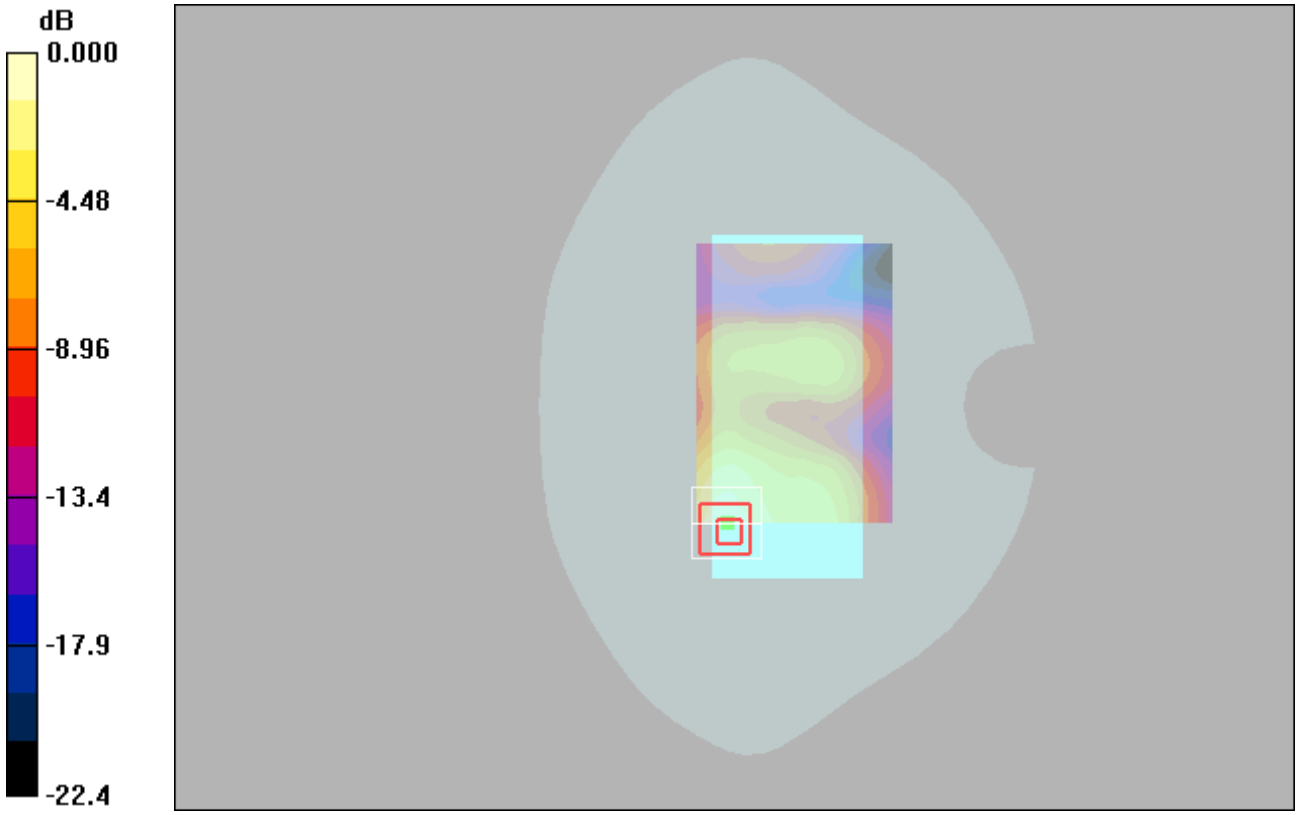
DUT: EUT

Communication System: LTE Band 7; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: H2600 Medium parameters used: f = 2560 MHz; σ = 1.99 mho/m; ε_r = 38.7; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(4.43, 4.43, 4.43); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

Area Scan (71x101x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.301 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.64 V/m; Power Drift = -0.093 dB
Peak SAR (extrapolated) = 0.509 W/kg
SAR(1 g) = 0.248 mW/g; SAR(10 g) = 0.127 mW/g
Maximum value of SAR (measured) = 0.311 mW/g



0 dB = 0.311mW/g

LTE12_QPSK10M_0mm_1_0_Rear Face_23060

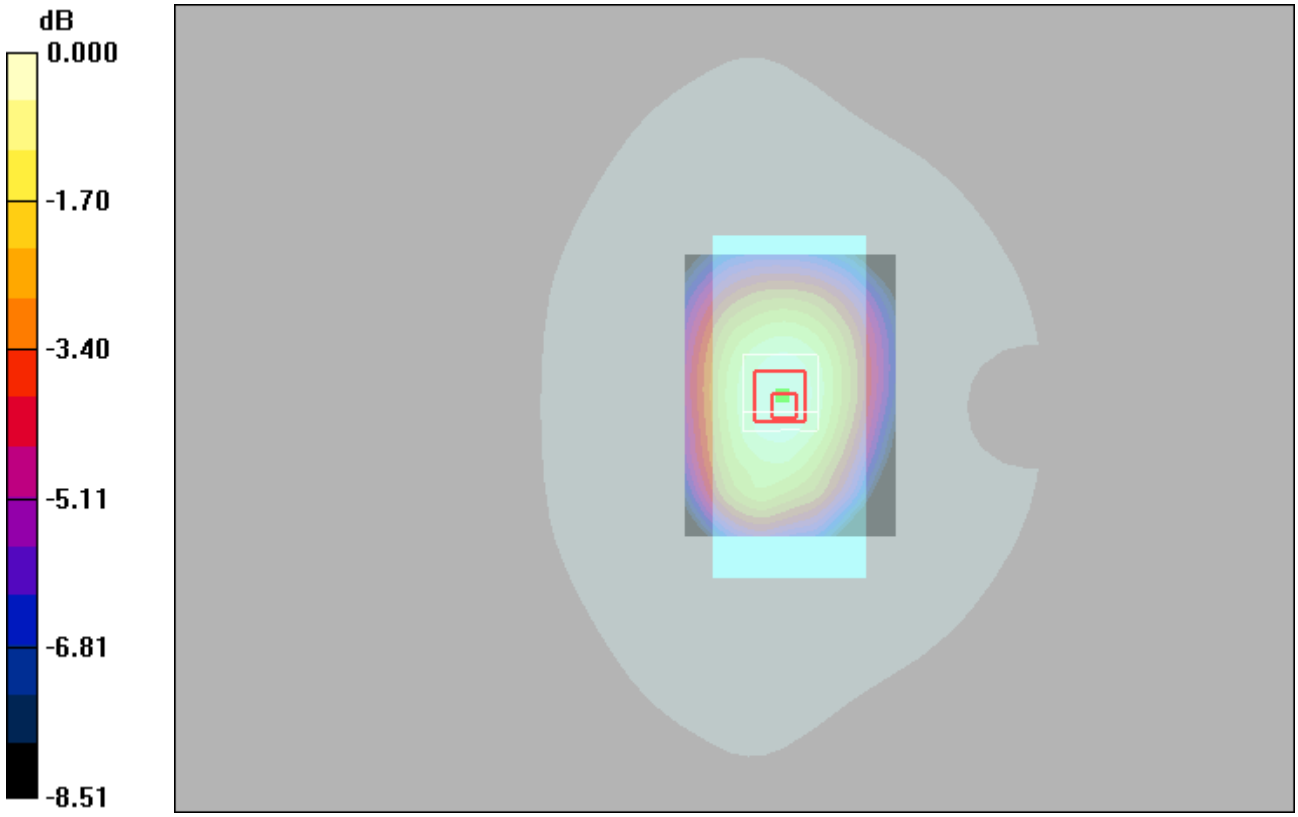
DUT: EUT

Communication System: LTE Band 12; Frequency: 704 MHz;Duty Cycle: 1:1
Medium: H750 Medium parameters used: f = 704 MHz; σ = 0.898 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(6.32, 6.32, 6.32); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 2; Type: QD 000 P40 CB; Serial: TP-1376
- Postprocessing SW: SEMCAD, V1.8 Build 186

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.292 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.4 V/m; Power Drift = -0.020 dB
Peak SAR (extrapolated) = 0.338 W/kg
SAR(1 g) = 0.252 mW/g; SAR(10 g) = 0.185 mW/g
Maximum value of SAR (measured) = 0.286 mW/g



0 dB = 0.286mW/g

LTE13_QPSK10M_0mm_1_49_Rear Face_23230

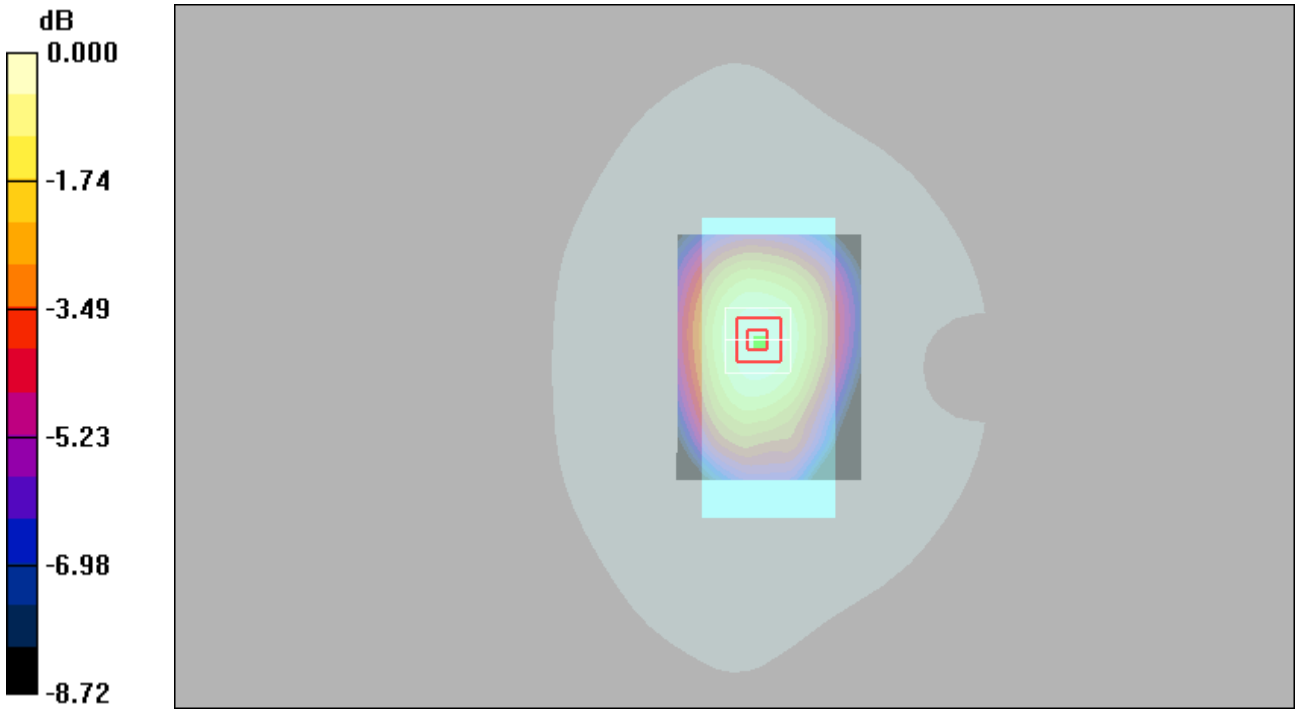
DUT: EUT

Communication System: LTE Band 13; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: H750 Medium parameters used: f = 782 MHz; σ = 0.945 mho/m; ε_r = 41.8; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(6.32, 6.32, 6.32); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 2; Type: QD 000 P40 CB; Serial: TP-1376
- Postprocessing SW: SEMCAD, V1.8 Build 186

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.331 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.3 V/m; Power Drift = 0.039 dB
Peak SAR (extrapolated) = 0.390 W/kg
SAR(1 g) = 0.293 mW/g; SAR(10 g) = 0.214 mW/g
Maximum value of SAR (measured) = 0.328 mW/g



0 dB = 0.328mW/g

Test Laboratory: UnionTrust Date/Time: 2021/5/25

LTE 25_QPSK20M_1_50_Rear Face_26140

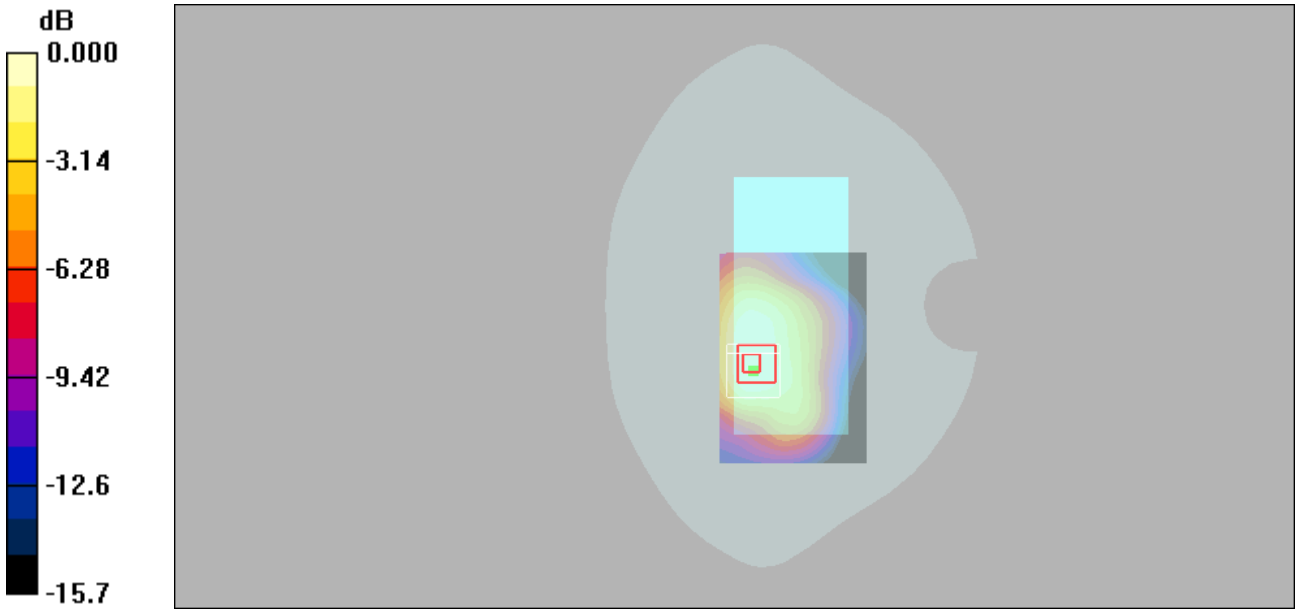
DUT: EUT

Communication System: LTE Band 25; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium: H1900 Medium parameters used: f = 1860 MHz; σ = 1.38 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(5.08, 5.08, 5.08); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- ; Postprocessing SW: SEMCAD, V1.8 Build 186

Area Scan (71x101x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.612 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.5 V/m; Power Drift = 0.139 dB
Peak SAR (extrapolated) = 0.756 W/kg
SAR(1 g) = 0.481 mW/g; SAR(10 g) = 0.307 mW/g
Maximum value of SAR (measured) = 0.565 mW/g



0 dB = 0.565mW/g

LTE 26_QPSK15M_1_74_Front Face_10mm_26765

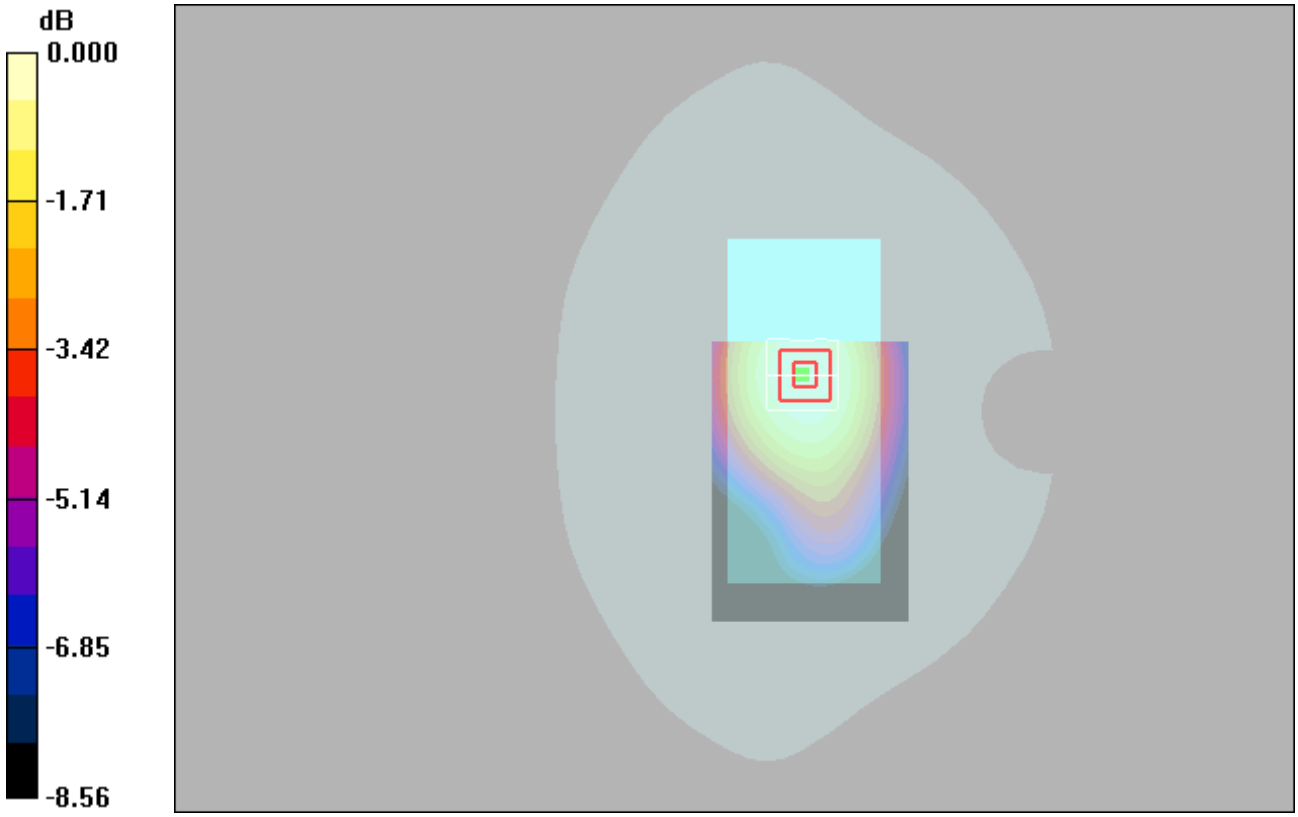
DUT: EUT

Communication System: LTE 26; Frequency: 821.5 MHz;Duty Cycle: 1:1
Medium: H835 Medium parameters used: f = 821.5 MHz; σ = 0.973 mho/m; ε_r = 41.7; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(6.15, 6.15, 6.15); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 2; Type: QD 000 P40 CB; Serial: TP-1376
- Postprocessing SW: SEMCAD, V1.8 Build 186

26765/Area Scan (71x101x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.212 mW/g

26765/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.5 V/m; Power Drift = 0.073 dB
Peak SAR (extrapolated) = 0.252 W/kg
SAR(1 g) = 0.420 mW/g; SAR(10 g) = 0.241 mW/g
Maximum value of SAR (measured) = 0.514 mW/g



0 dB = 0.514mW/g

LTE41_QPSK20M_1_0_Rear Face_10mm_41490

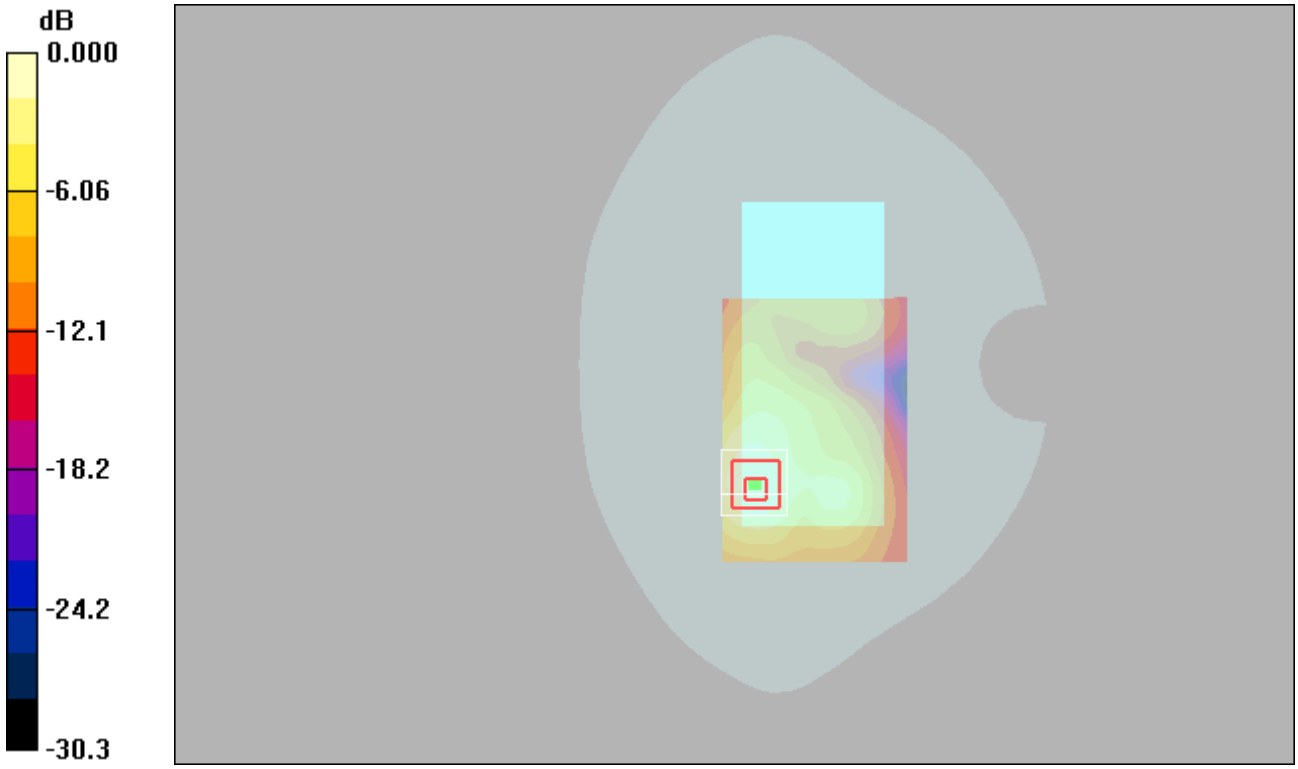
DUT: EUT

Communication System: TD-LTE Band41-4; Frequency: 2680 MHz;Duty Cycle: 1:1.59
Medium: H2600 Medium parameters used: f = 2600 MHz; σ = 2.04 mho/m; ε_r = 38.4; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(4.43, 4.43, 4.43); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

Area Scan (71x101x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.213 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.65 V/m; Power Drift = 0.108 dB
Peak SAR (extrapolated) = 0.346 W/kg
SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.080 mW/g
Maximum value of SAR (measured) = 0.207 mW/g



0 dB = 0.207mW/g

LTE 66_QPSK20M_1_50_Rear Face_10mm_132322

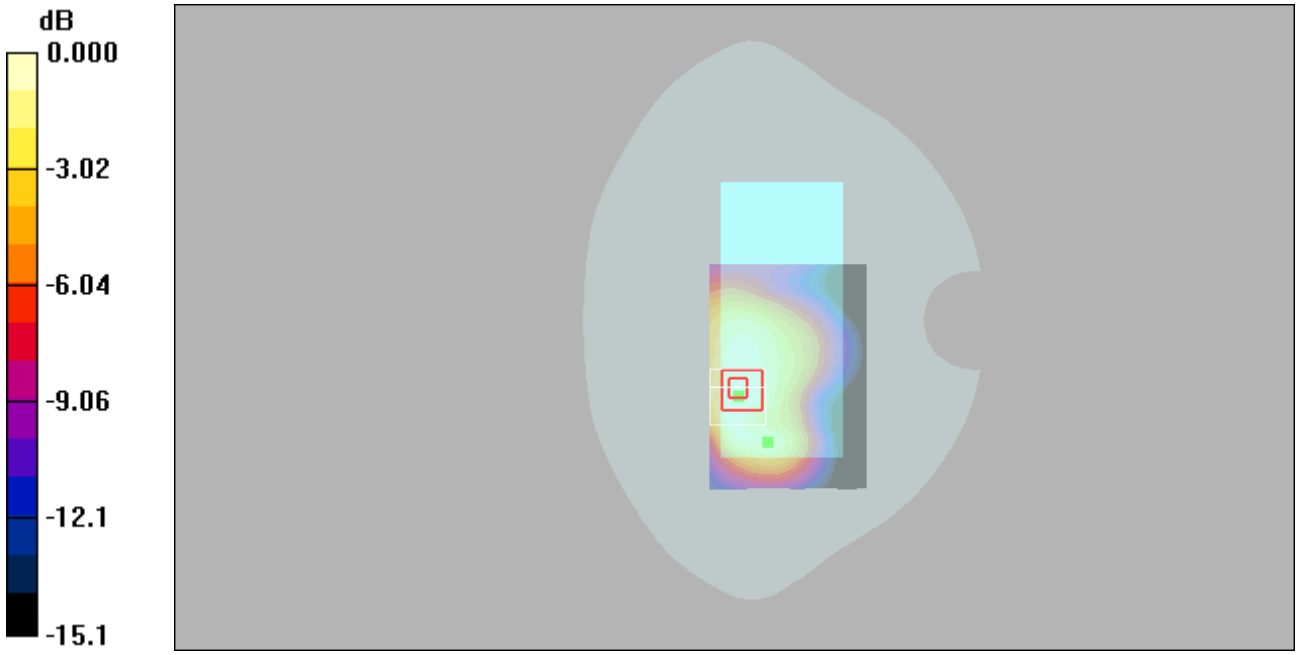
DUT: EUT

Communication System: LTE 66; Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: H1750 Medium parameters used: f = 1745 MHz; σ = 1.38 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(5.28, 5.28, 5.28); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

Area Scan (71x101x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.894 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.6 V/m; Power Drift = 0.136 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.752 mW/g; SAR(10 g) = 0.475 mW/g
Maximum value of SAR (measured) = 0.885 mW/g



0 dB = 0.885mW/g

LTE 71_QPSK20M_1_50_Rear Face_10mm_133222

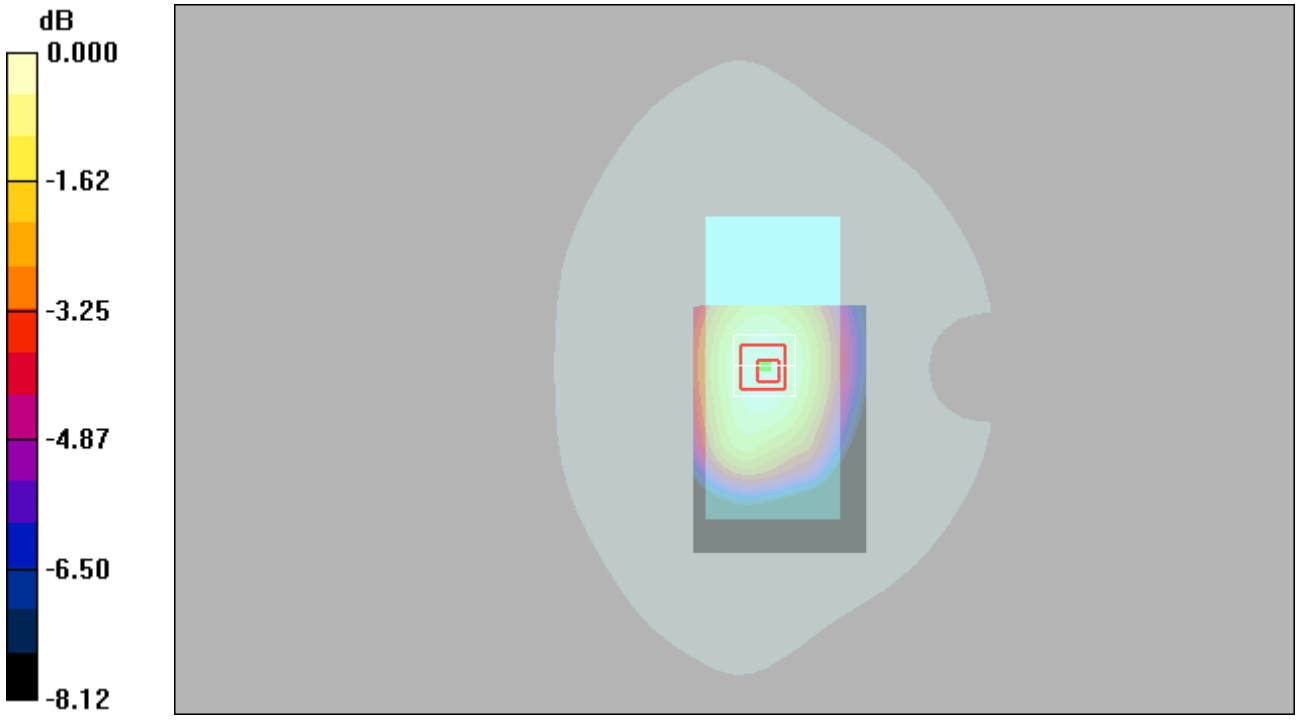
DUT: EUT

Communication System: LTE Band 71 & 20M; Frequency: 673 MHz;Duty Cycle: 1:1
Medium: H750 Medium parameters used (extrapolated): f = 673 MHz; σ = 0.879 mho/m; ε_r = 42.6; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(6.32, 6.32, 6.32); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 2; Type: QD 000 P40 CB; Serial: TP-1376
- Postprocessing SW: SEMCAD, V1.8 Build 186

Area Scan (71x101x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.311 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.3 V/m; Power Drift = -0.028 dB
Peak SAR (extrapolated) = 0.376 W/kg
SAR(1 g) = 0.279 mW/g; SAR(10 g) = 0.204 mW/g
Maximum value of SAR (measured) = 0.314 mW/g



0 dB = 0.314mW/g

WIFI 2.4G_802.11b_Left Side_10mm_11

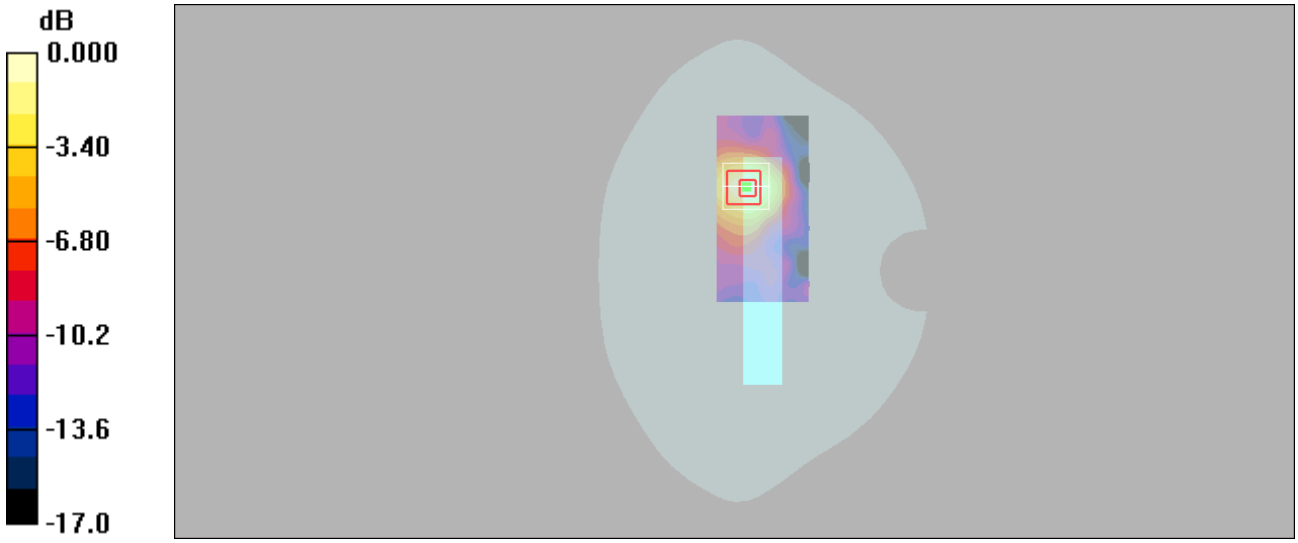
DUT: EUT

Communication System: Wlan 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: H2450 Medium parameters used: f = 2462 MHz; σ = 1.89 mho/m; ε_r = 38.9; ρ = 1000 kg/m^3

DASY4 Configuration:
- Probe: ES3DV3 - SN3090; ConvF(4.6, 4.6, 4.6); Calibrated: 2021/4/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn662; Calibrated: 2021/4/9
- Phantom: SAM 1; Type: QD 000 P40 CB; Serial: TP/1378
- Postprocessing SW: SEMCAD, V1.8 Build 186

Area Scan (51x101x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.014 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.567 V/m; Power Drift = 0.103 dB
Peak SAR (extrapolated) = 0.025 W/kg
SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00568 mW/g
Maximum value of SAR (measured) = 0.014 mW/g



0 dB = 0.014mW/g

Date: 6/10/2021

802.11n-5270-Back Side 10mm

Communication System: UID 0, 802.11a (0); Frequency: 5270 MHz;Duty Cycle: 1:1.09396
Medium: 5G Head Medium parameters used: f = 5270 MHz; σ = 4.634 S/m; ε_r = 34.7; ρ = 1000 kg/m^3
Phantom section: Flat Section

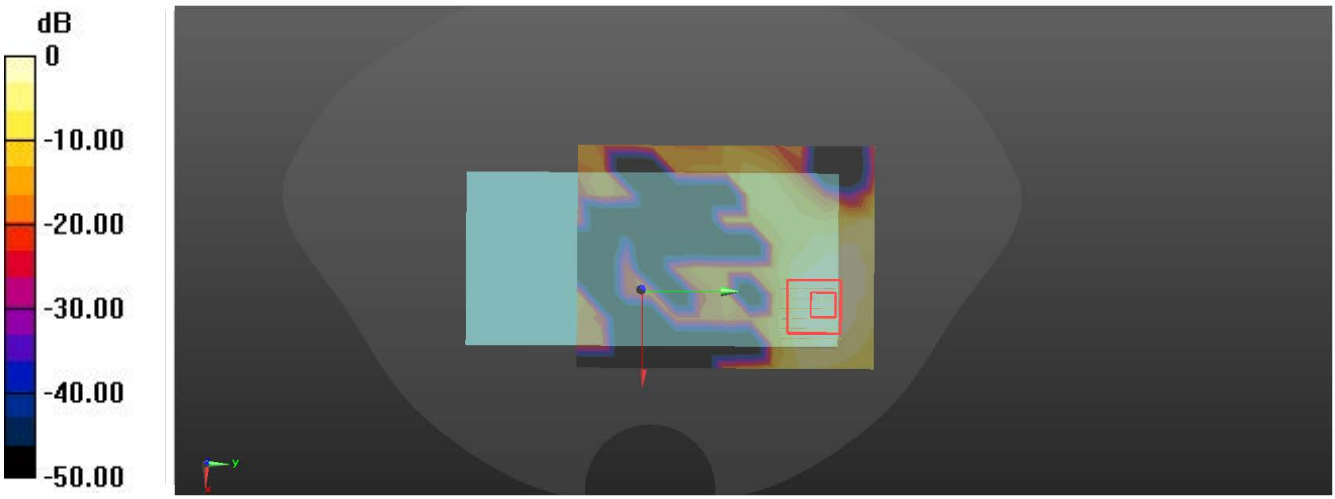
Ambient Temperature: 22.0 ℃; Liquid Temperature: 21.5 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(5.35, 5.35, 5.35) @ 5270 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1891
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.149 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.248 W/kg
SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.025 W/kg
Maximum value of SAR (measured) = 0.156 W/kg



0 dB = 0.156 W/kg = -8.07 dBW/kg

Date: 6/10/2021

802.11n-5670-Back Side 10mm

Communication System: UID 0, 802.11a (0); Frequency: 5670 MHz;Duty Cycle: 1:1.09396
Medium: 5G Head Medium parameters used: f = 5670 MHz; σ = 4.998 S/m; ε_r = 34.114; ρ = 1000 kg/m^3
Phantom section: Flat Section

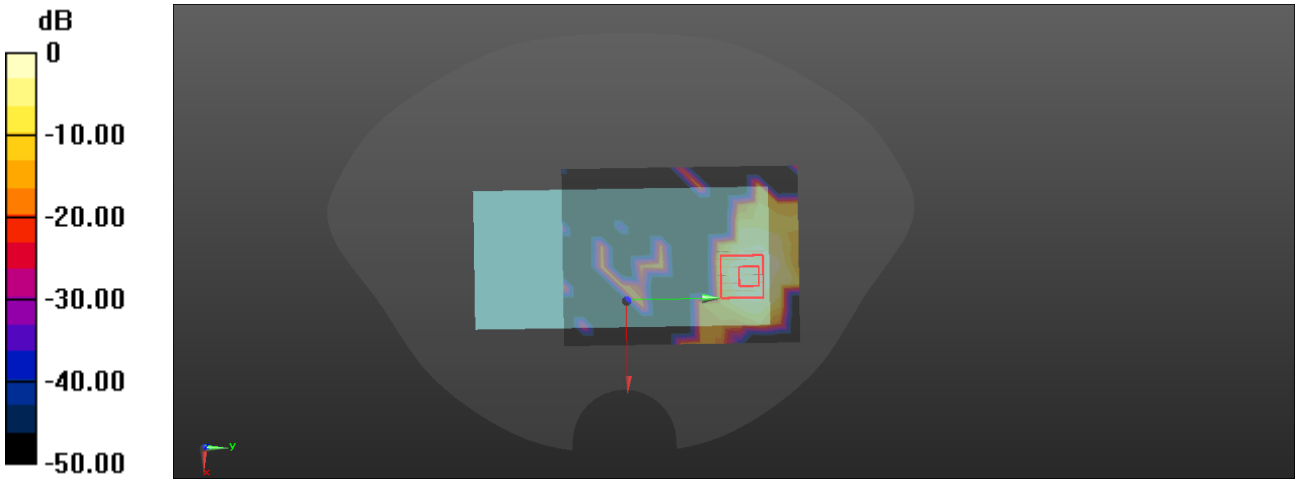
Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(4.75, 4.75, 4.75) @ 5670 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1891
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0954 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.259 W/kg
SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.016 W/kg
Maximum value of SAR (measured) = 0.105 W/kg



0 dB = 0.105 W/kg = -9.79 dBW/kg

Date: 6/10/2021

802.11n-5755-Back Side 10mm

Communication System: UID 0, 802.11a (0); Frequency: 5755 MHz;Duty Cycle: 1:1.09396
Medium: 5G Head Medium parameters used: f = 5755 MHz; σ = 5.089 S/m; ε_r = 33.959; ρ = 1000 kg/m^3
Phantom section: Flat Section

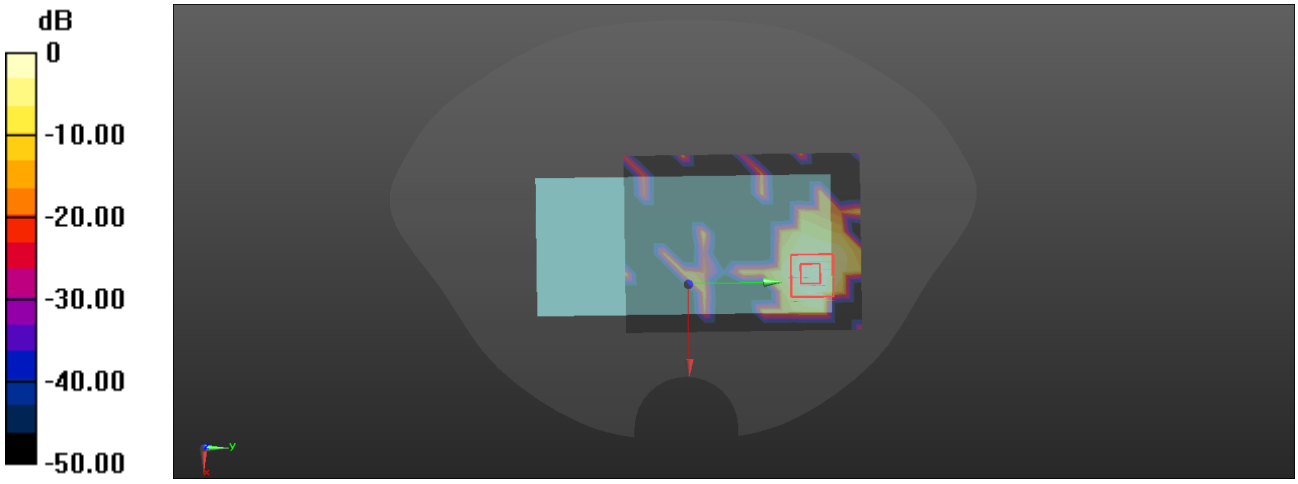
Ambient Temperature: 22.0 °C; Liquid Temperature: 21.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(4.72, 4.72, 4.72) @ 5755 MHz; Calibrated: 11/30/2020
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1473; Calibrated: 11/23/2020
- Phantom: SAM 1 V5.0 (30deg); Type: QD 000 P40 CD; Serial: 1891
- DASY52 52.10.1(1476); SEMCAD X 14.6.11(7439)

Area Scan (10x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0753 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.1160 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.117 W/kg
SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.011 W/kg
Maximum value of SAR (measured) = 0.0758 W/kg



0 dB = 0.0758 W/kg = -11.20 dBW/kg