

WCDMA II_RMC12.2K_Front Face_5mm_9400**DUT: EUT**

Communication System: WCDMA Band II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: H1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

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 176

Area Scan (71x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.897 mW/g

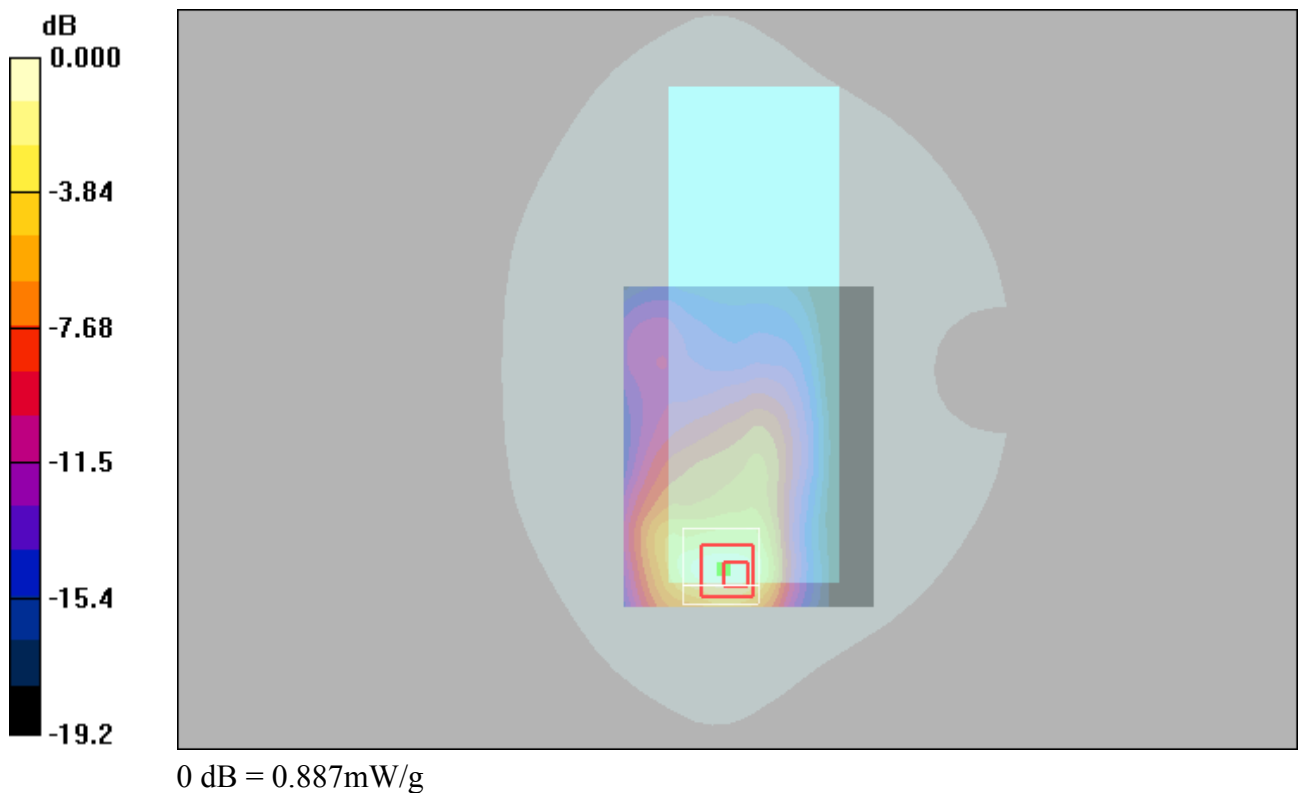
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.92 V/m; Power Drift = 0.114 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.709 mW/g; SAR(10 g) = 0.358 mW/g

Maximum value of SAR (measured) = 0.887 mW/g



WCDMA V_RMC12.2K_Front Face_5mm_4233**DUT: EUT**

Communication System: WCDMA Band V; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: H835 Medium parameters used: $f = 847$ MHz; $\sigma = 0.988$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

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 176

Area Scan (71x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.741 mW/g

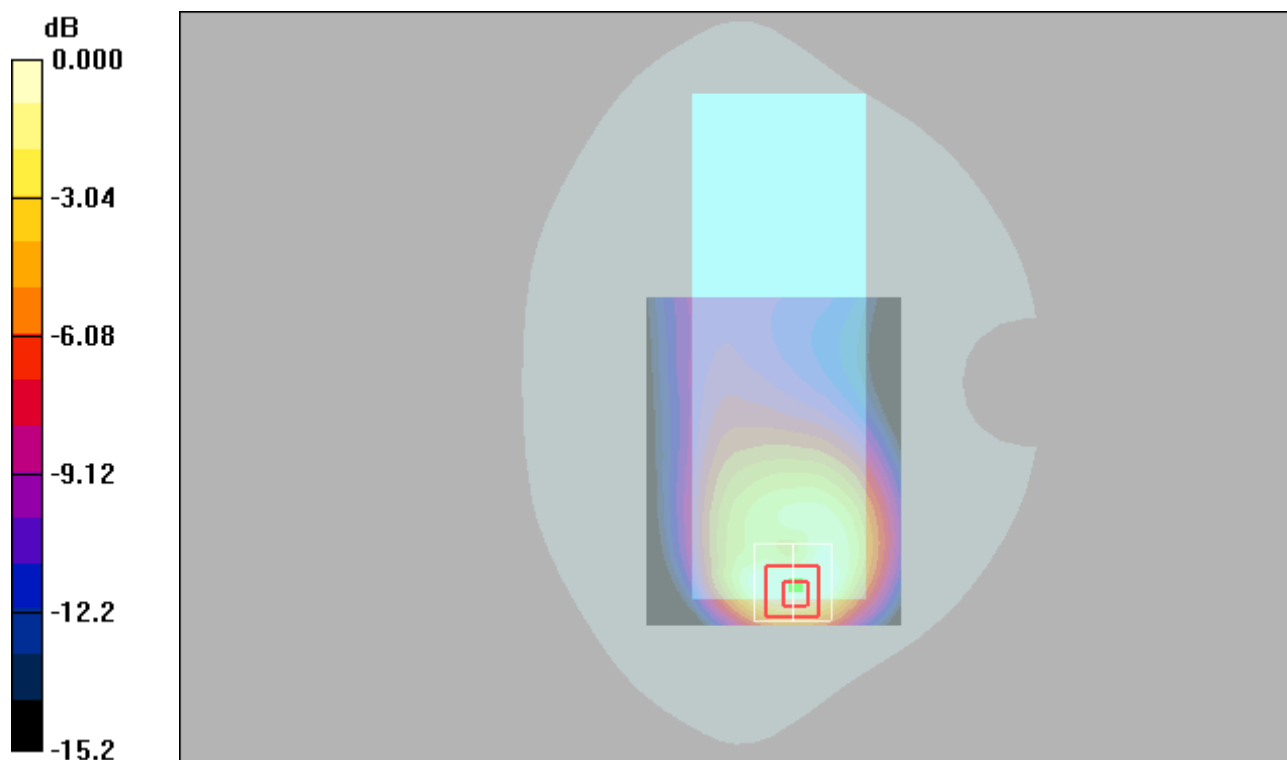
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.02 V/m; Power Drift = 0.110 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.557 mW/g; SAR(10 g) = 0.287 mW/g

Maximum value of SAR (measured) = 0.651 mW/g



0 dB = 0.651mW/g

LTE2_QPSK20M_1_99_Bottom Side_5mm_19100**DUT: EUT**

Communication System: LTE Band 2; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: H1900 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³

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 176

Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.10 mW/g

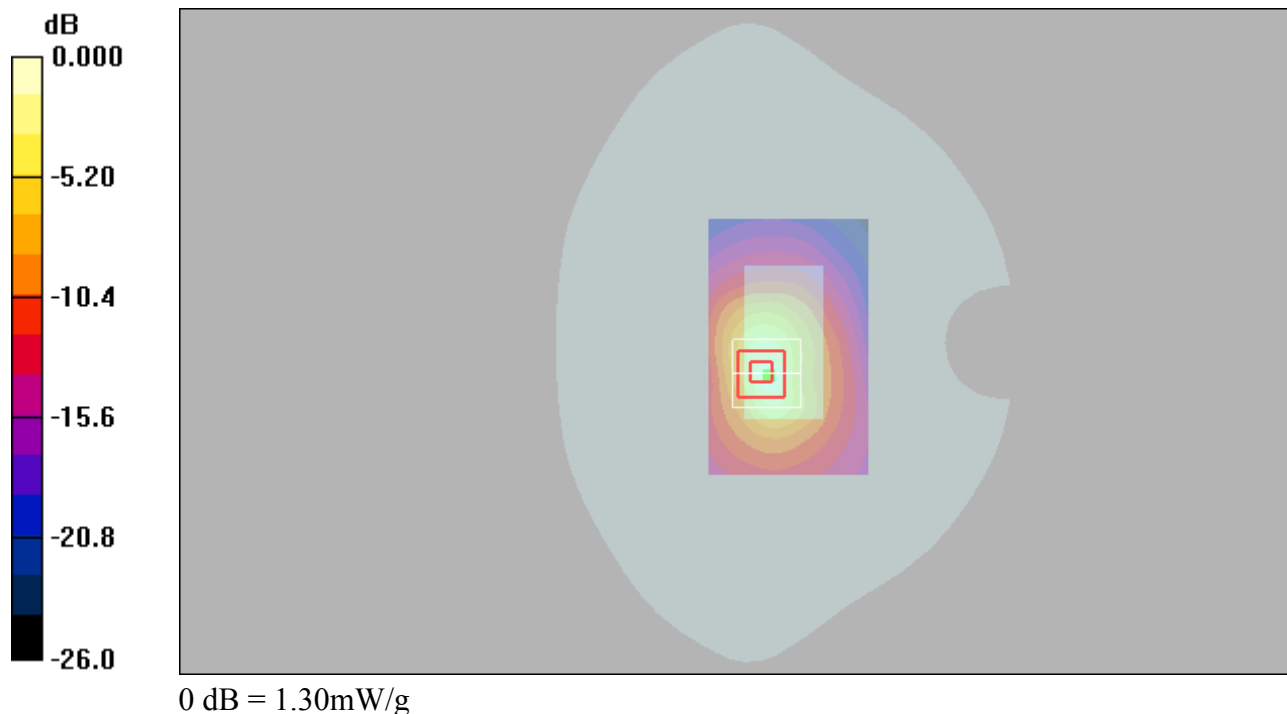
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.2 V/m; Power Drift = 0.120 dB

Peak SAR (extrapolated) = 2.00 W/kg

SAR(1 g) = 0.943 mW/g; SAR(10 g) = 0.416 mW/g

Maximum value of SAR (measured) = 1.30 mW/g



LTE4_QPSK20M_1_0_Bottom Side_5mm_20175**DUT: EUT**

Communication System: LTE Band 4&20M; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: H1750 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.26$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³

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 176

Area Scan (51x91x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (interpolated) = 0.813 mW/g

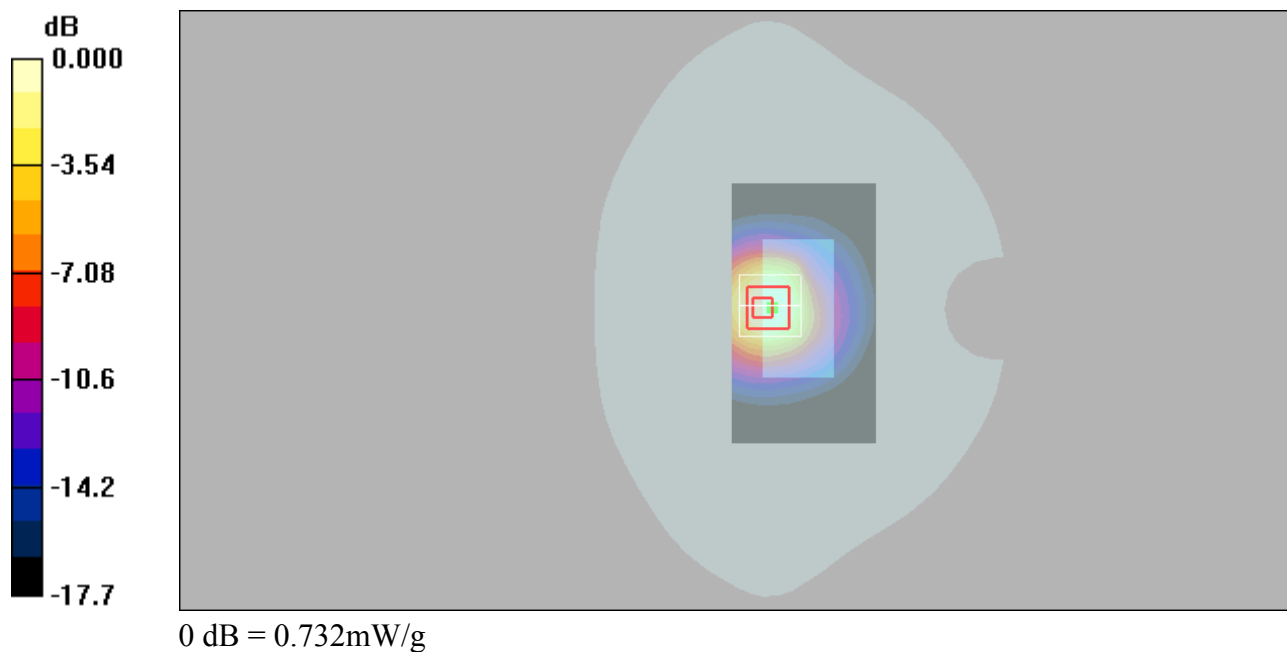
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 17.3 V/m; Power Drift = 0.120 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.599 mW/g; SAR(10 g) = 0.341 mW/g

Maximum value of SAR (measured) = 0.732 mW/g



LTE5_QPSK10M_1_0_Front Face_5mm_20450**DUT: EUT**

Communication System: LTE Band5; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: H835 Medium parameters used: $f = 829 \text{ MHz}$; $\sigma = 0.978 \text{ mho/m}$; $\epsilon_r = 41.6$; $\rho = 1000 \text{ kg/m}^3$

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 176

Area Scan (71x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 1.14 mW/g

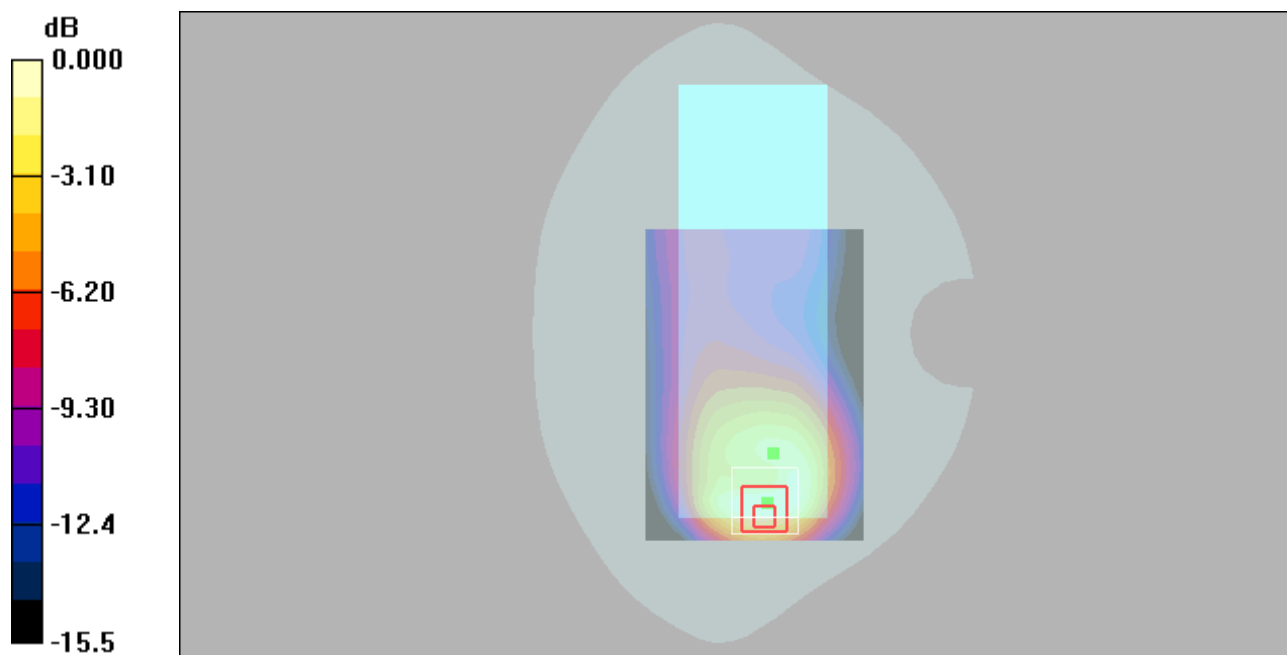
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.2 V/m ; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 0.847 mW/g ; SAR(10 g) = 0.453 mW/g

Maximum value of SAR (measured) = 1.13 mW/g



0 dB = 1.13 mW/g

LTE7_QPSK20M_1_0_Bottom Side_5mm_21350**DUT: EUT**

Communication System: LTE Band 7; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: H2600 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³

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 176

Area Scan (61x101x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.68 mW/g

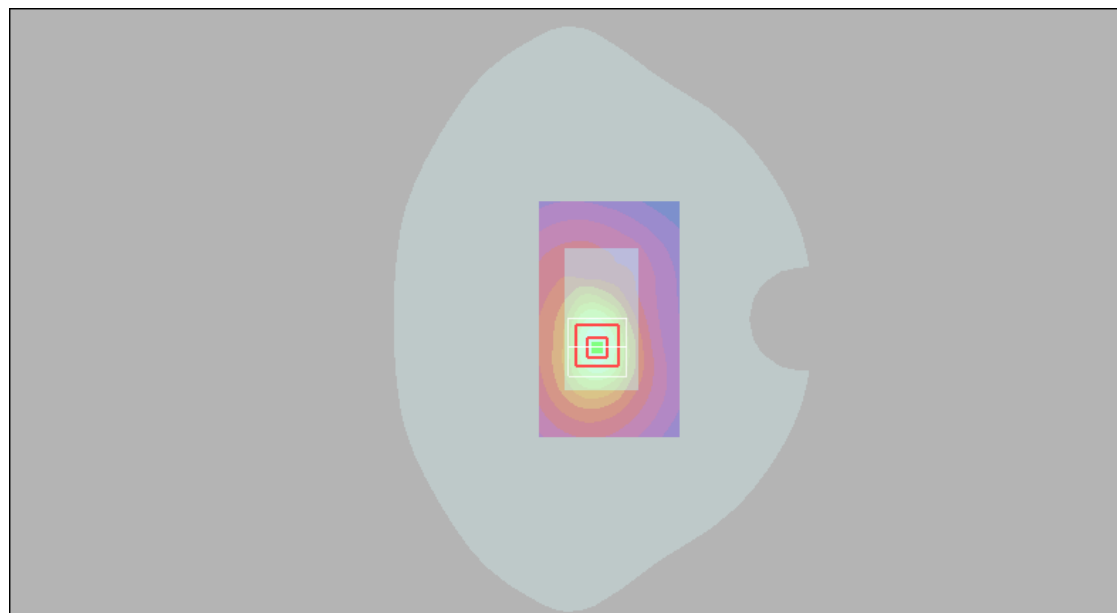
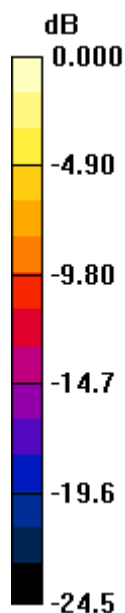
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.1 V/m; Power Drift = 0.063 dB

Peak SAR (extrapolated) = 2.92 W/kg

SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.517 mW/g

Maximum value of SAR (measured) = 1.69 mW/g



0 dB = 1.69mW/g

WIFI 2.4G_802.11b_Left Side_1_5mm_Ant0**DUT: EUT**

Communication System: Wlan 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: H2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.81$ mho/m; $\epsilon_r = 39.1$; $\rho = 1000$ kg/m³

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 (81x121x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.245 mW/g

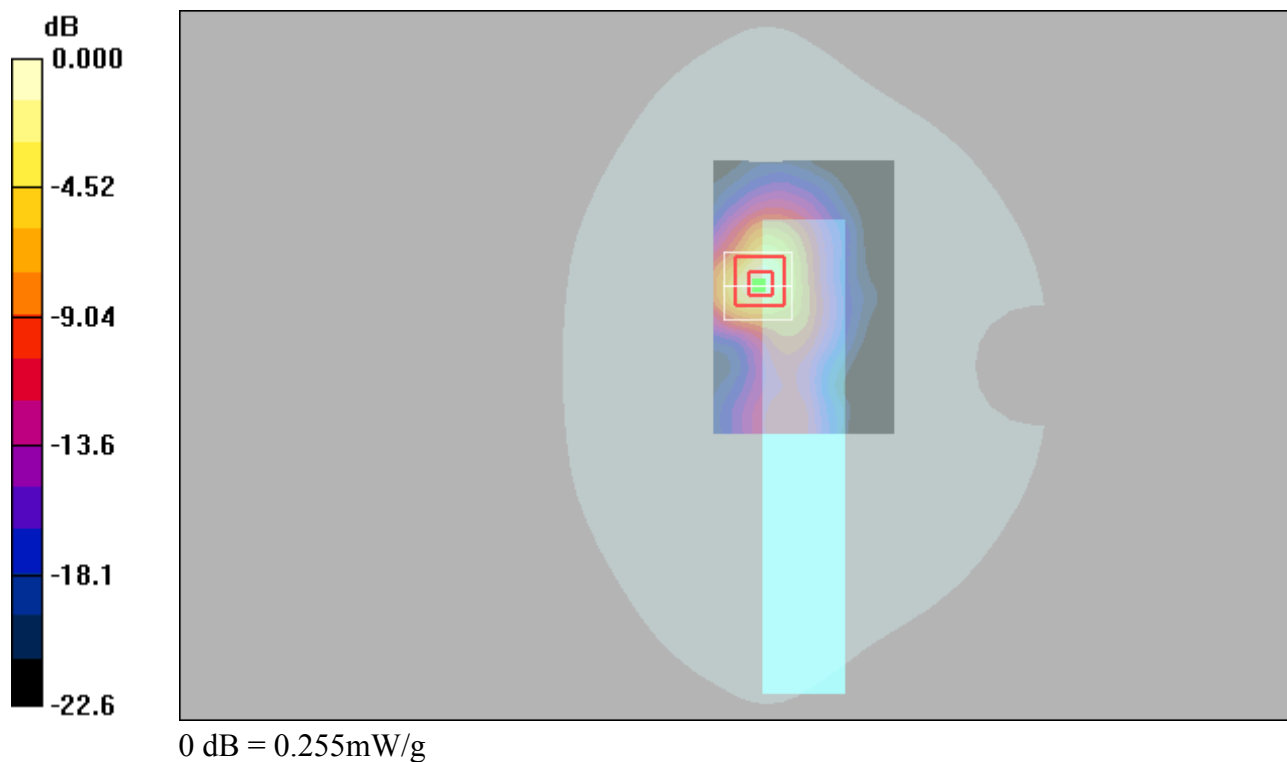
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.86 V/m; Power Drift = 0.041 dB

Peak SAR (extrapolated) = 0.430 W/kg

SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.079 mW/g

Maximum value of SAR (measured) = 0.255 mW/g



Test Laboratory: UnionTrust

802.11a-5180-Left Side 5mm

Communication System: UID 0, 802.11a (0); Frequency: 5180 MHz; Duty Cycle: 1:1.09396

Medium: 5G Head Medium parameters used: $f = 5180$ MHz; $\sigma = 4.556$ S/m; $\epsilon_r = 34.763$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(5.35, 5.35, 5.35) @ 5180 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 (8x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.07 W/kg

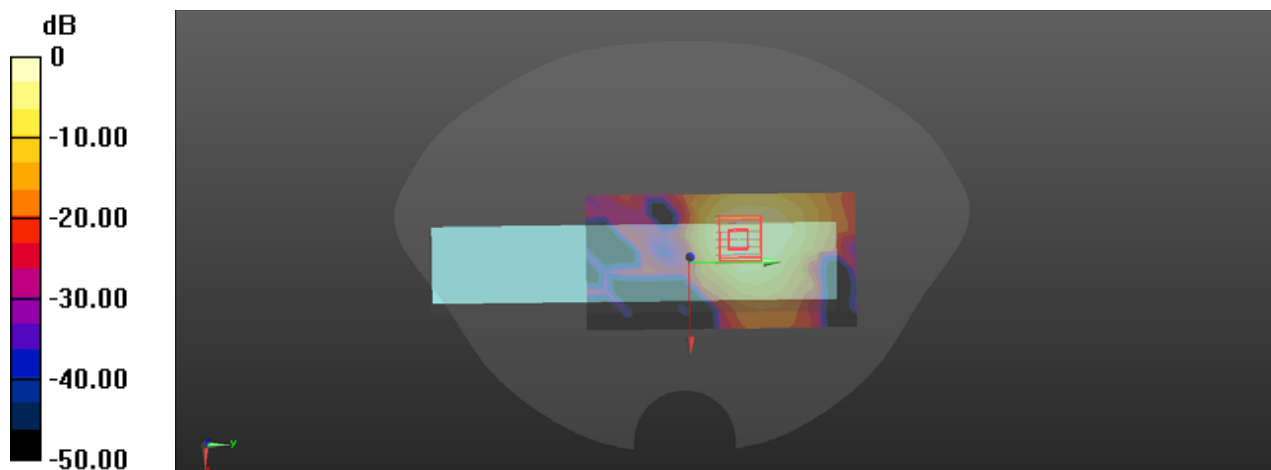
Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.087 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 0.531 W/kg; SAR(10 g) = 0.175 W/kg

Maximum value of SAR (measured) = 1.26 W/kg



Test Laboratory: UnionTrust

802.11a-5300-Left Side 5mm

Communication System: UID 0, 802.11a (0); Frequency: 5300 MHz; Duty Cycle: 1:1.09396

Medium: 5G Head Medium parameters used: $f = 5300$ MHz; $\sigma = 4.658$ S/m; $\epsilon_r = 34.675$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7322; ConvF(5.35, 5.35, 5.35) @ 5300 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 (8x15x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.45 W/kg

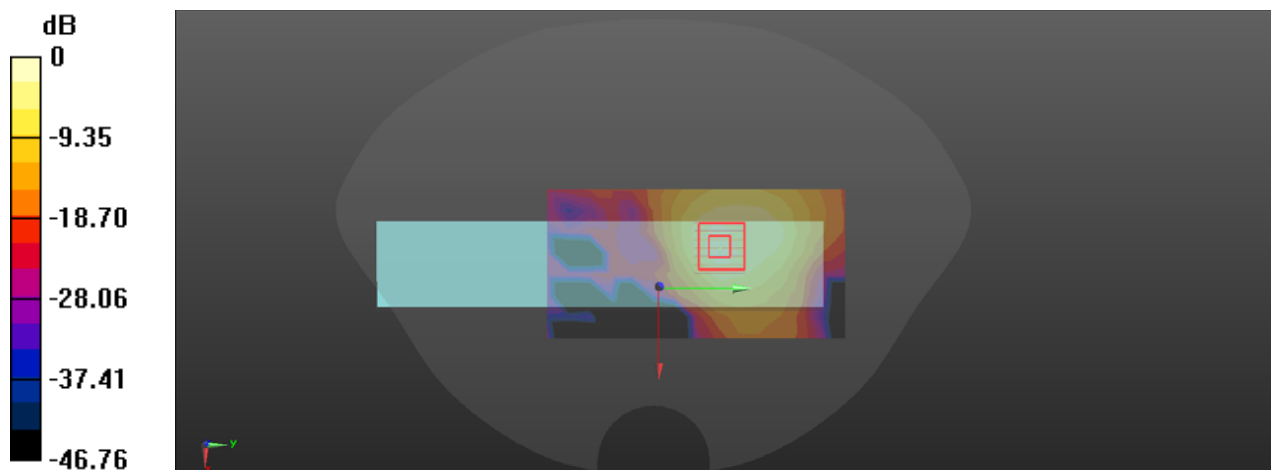
Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.850 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 2.57 W/kg

SAR(1 g) = 0.663 W/kg; SAR(10 g) = 0.218 W/kg

Maximum value of SAR (measured) = 1.60 W/kg



0 dB = 1.60 W/kg = 2.04 dBW/kg

Test Laboratory: UnionTrust

802.11n20-5580-Left Side 5mm

Communication System: UID 0, WiFi 802.11 nHT20 (0); Frequency: 5580 MHz; Duty Cycle: 1:1
Medium: 5G Head Medium parameters used: $f = 5580$ MHz; $\sigma = 4.907$ S/m; $\epsilon_r = 34.242$; $\rho = 1000$ kg/m³

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) @ 5580 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 (8x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.623 W/kg

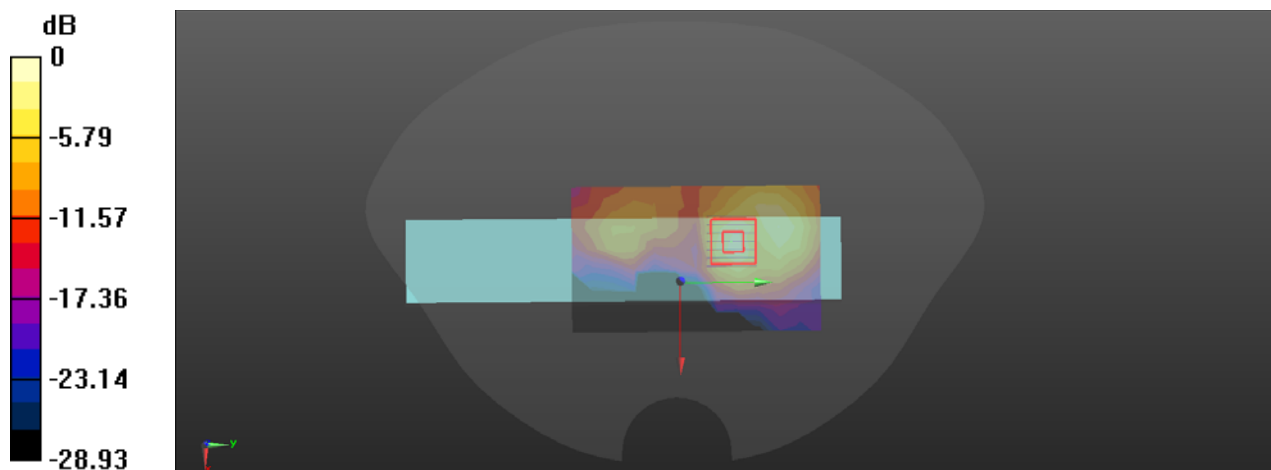
Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.541 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.084 W/kg

Maximum value of SAR (measured) = 0.672 W/kg



0 dB = 0.672 W/kg = -1.73 dBW/kg

Test Laboratory: UnionTrust

802.11a-5825-Left Side 5mm

Communication System: UID 0, 802.11a (0); Frequency: 5825 MHz; Duty Cycle: 1:1.09396

Medium: 5G Head Medium parameters used: $f = 5825$ MHz; $\sigma = 5.157$ S/m; $\epsilon_r = 33.818$; $\rho = 1000$ kg/m³

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) @ 5825 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 (8x8x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.238 W/kg

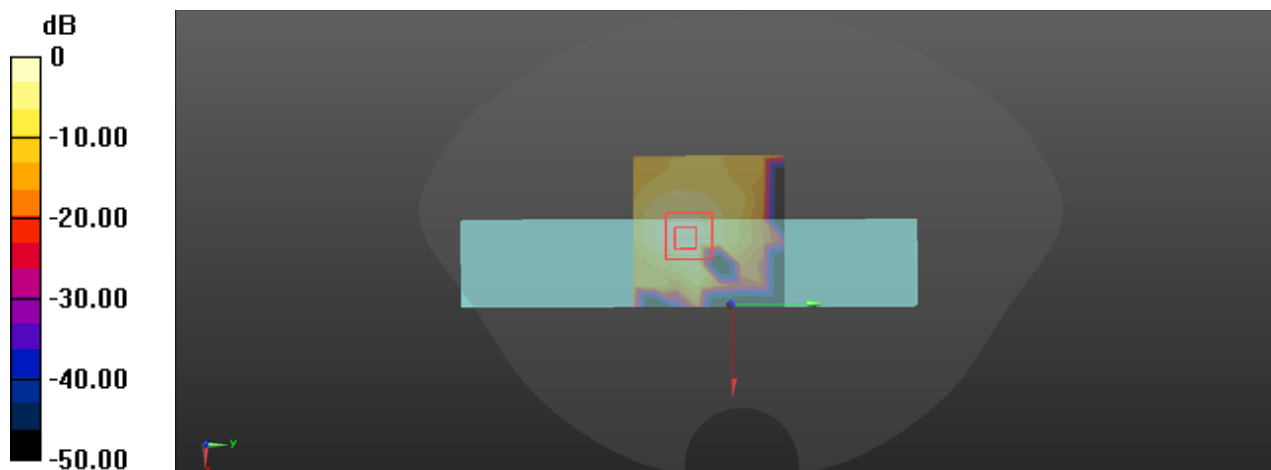
Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.365 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.819 W/kg

SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.040 W/kg

Maximum value of SAR (measured) = 0.268 W/kg



0 dB = 0.268 W/kg = -5.72 dBW/kg