

Appendix B. – SAR Test Plots

EUT Type: Mobile Phone
 Ambient Temperature: 22.2 °C
 Liquid Temperature: 22.0 °C
 Test Date: 04/20/2025
 Band: GSM 850 Head SAR_ Ant E
 Plot No.: A1

Communication System: UID 10023 - DAC, GPRS-FDD (TDMA, GMSK, TN 0); Frequency: 836.6 MHz; Duty Cycle: 1:9.0615
 Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.908$ S/m; $\epsilon_r = 43.171$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

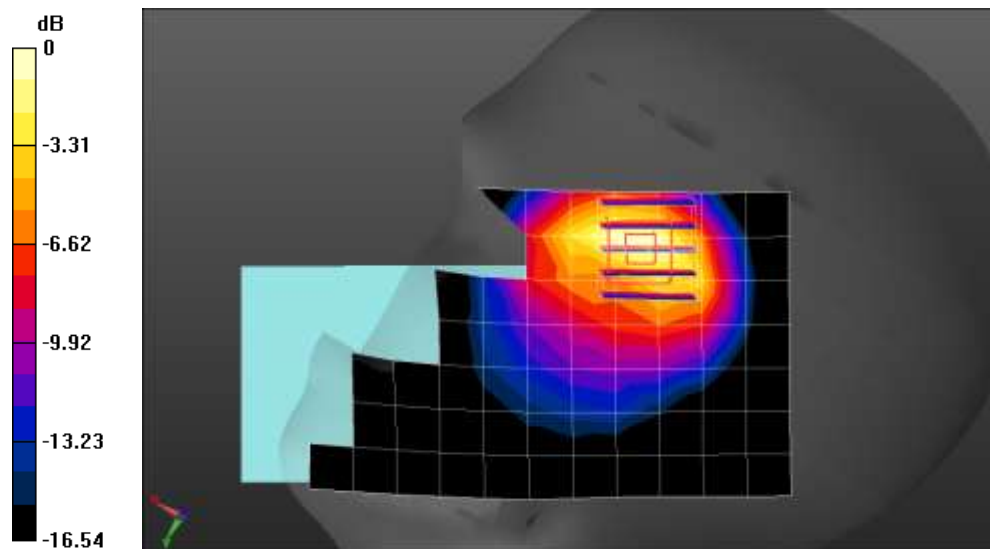
DASY5 Configuration:

- Probe: EX3DV4 - SN7622; ConvF(9.82, 9.35, 9.87) @ 836.6 MHz; Calibrated: 2024-11-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn869; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 Right; Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

GSM850 Head Right Touch 190ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.493 W/kg

GSM850 Head Right Touch 190ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 5.825 V/m; Power Drift = -0.17 dB
 Peak SAR (extrapolated) = 0.678 W/kg
SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.182 W/kg

Maximum value of SAR (measured) = 0.549 W/kg



0 dB = 0.549 W/kg = -2.60 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 22.0 °C
 Liquid Temperature: 21.8 °C
 Test Date: 03/24/2025
 Band: GSM 1900 Head SAR_Ant B
 Plot No.: A2

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 1880 MHz; Duty Cycle: 1:8.69961

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.386$ S/m; $\epsilon_r = 39.593$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Front_2011217
- Measurement SW: DASY52, Version 52.10 (4);

GSM1900 Head Left Touch Voice 661ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.0371 W/kg

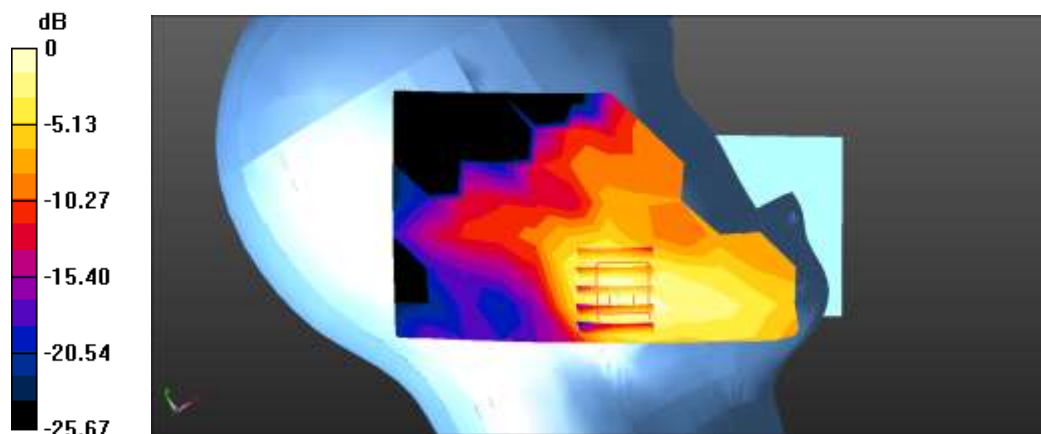
GSM1900 Head Left Touch Voice 661ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.227 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.0480 W/kg

SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.021 W/kg

Maximum value of SAR (measured) = 0.0415 W/kg



0 dB = 0.0415 W/kg = -13.82 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 22.3 °C
 Liquid Temperature: 22.1 °C
 Test Date: 04/28/2025
 Band: UMTS Band 5 Head SAR_Ant E
 Plot No.: A3

Measurement Report for Device, CHEEK, Band 5, UMTS-FDD (WCDMA), Channel 4183 (836.600 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead, Head Simulating Liquid	CHEEK, 0.00	Band 5	WCDMA, 10011-CAC	836.600, 4183	9.55	0.912	43.1

Hardware Setup

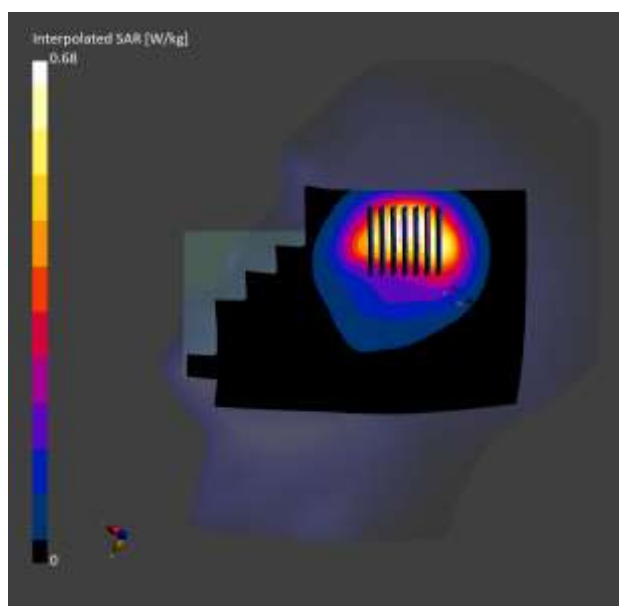
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7732, 2024-06-19	DAE4 Sn1254, 2024-05-16

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.210	0.332
psSAR10g [W/Kg]	0.138	0.177
Power Drift [dB]	-0.16	0.01



EUT Type: Mobile Phone
 Ambient Temperature: 21.5 °C
 Liquid Temperature: 21.4 °C
 Test Date: 04/26/2025
 Band: UMTS Band 4 Head SAR_Ant I
 Plot No.: A4

Communication System: UID 10011 - CAC, UMTS-FDD (WCDMA); Frequency: 1732.4 MHz; Duty Cycle: 1:1.95434

Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.32$ S/m; $\epsilon_r = 41.261$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ConvF(8.48, 8.09, 8.04) @ 1732.6 MHz; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

UMTS Band 4 Head Left Touch 1412ch/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.228 W/kg

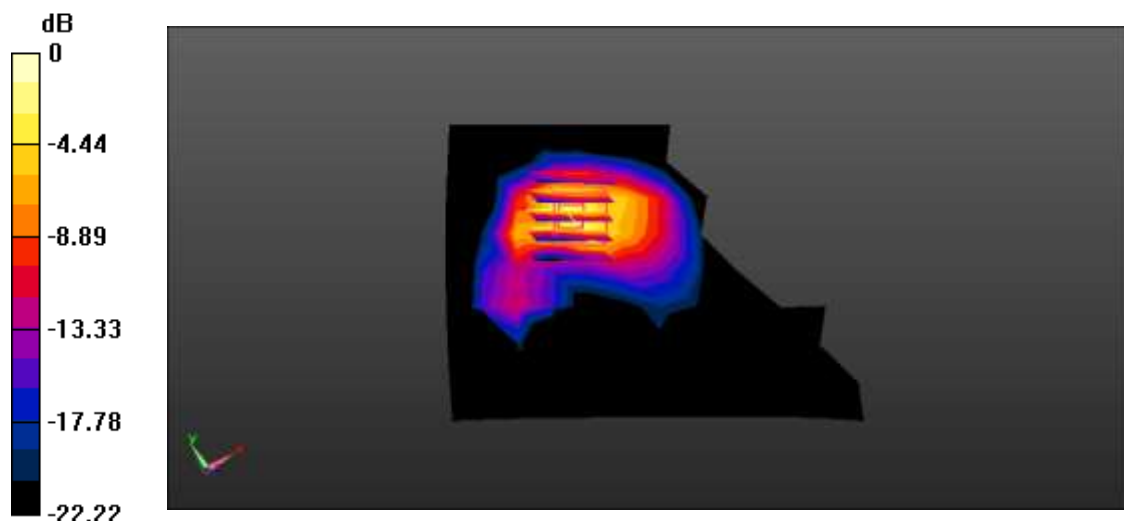
UMTS Band 4 Head Left Touch 1412ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.204 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.544 W/kg

SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.127 W/kg

Maximum value of SAR (measured) = 0.421 W/kg



0 dB = 0.421 W/kg = -3.76 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 21.6 °C
 Liquid Temperature: 21.5 °C
 Test Date: 04/25/2025
 Band: UMTS Band 2 Head SAR_Ant I
 Plot No.: A5

Communication System: UID 10011 - CAC, UMTS-FDD (WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:1.95434

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.437$ S/m; $\epsilon_r = 38.971$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ConvF(8.2, 7.82, 7.77) @ 1880 MHz; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

UMTS Band 2 Head Left Touch 9400ch/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.276 W/kg

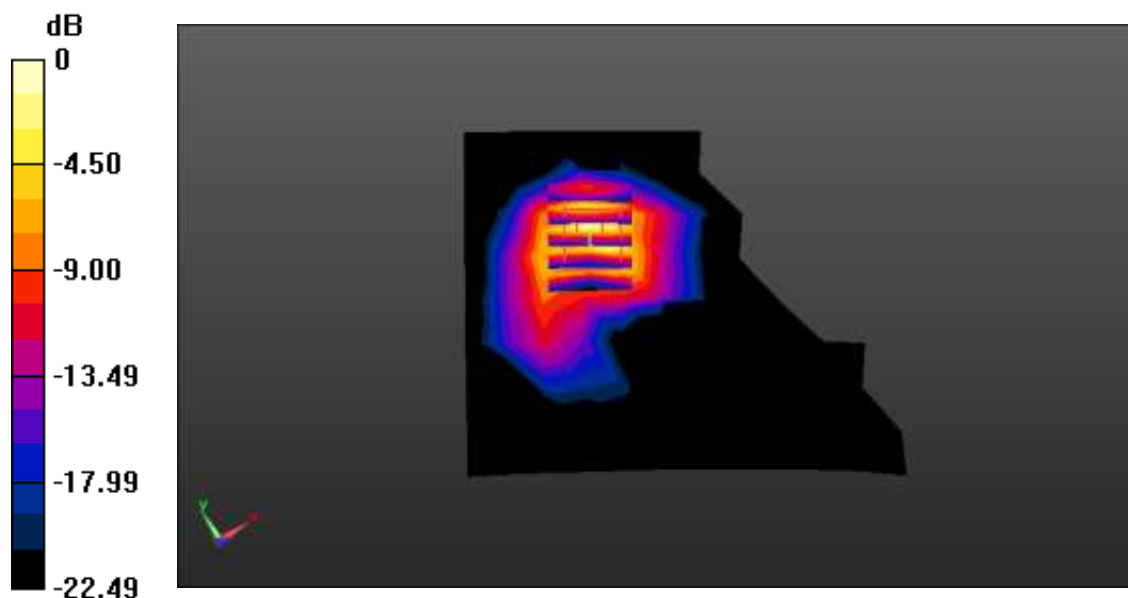
UMTS Band 2 Head Left Touch 9400ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.532 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.504 W/kg

SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.103 W/kg

Maximum value of SAR (measured) = 0.428 W/kg



0 dB = 0.428 W/kg = -3.69 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 21.8 °C
 Liquid Temperature: 21.7 °C
 Test Date: 04/15/2025
 Band: LTE Band 5 Head SAR_Ant E
 Plot No.: A6

Communication System: UID 10175 - CAH, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 836.5 MHz; Duty Cycle: 1:3.73594
 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 42.182$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

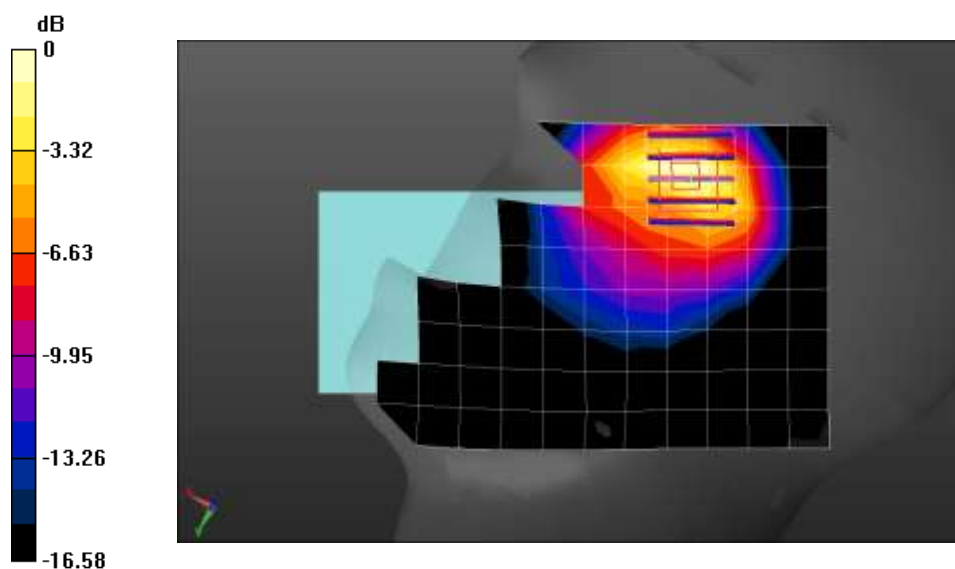
DASY5 Configuration:

- Probe: EX3DV4 - SN7622; ConvF(9.82, 9.35, 9.87) @ 836.5 MHz; Calibrated: 2024-11-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn869; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 Right; Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 5 Head Right Touch QPSK 10MHz 1RB 24offset 20525ch/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm.
 Maximum value of SAR (measured) = 0.440 W/kg

LTE Band 5 Head Right Touch QPSK 10MHz 1RB 24offset 20525ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 4.691 V/m; Power Drift = -0.08 dB
 Peak SAR (extrapolated) = 0.586 W/kg
SAR(1 g) = 0.297 W/kg; SAR(10 g) = 0.157 W/kg

Maximum value of SAR (measured) = 0.488 W/kg



0 dB = 0.488 W/kg = -3.12 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 21.7 °C
 Liquid Temperature: 21.6 °C
 Test Date: 04/21/2025
 Band: LTE Band 12 Head SAR_Ant E
 Plot No.: A7

Communication System: UID 10175 - CAH, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 707.5 MHz; Duty Cycle: 1:3.73594
 Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.854$ S/m; $\epsilon_r = 42.713$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

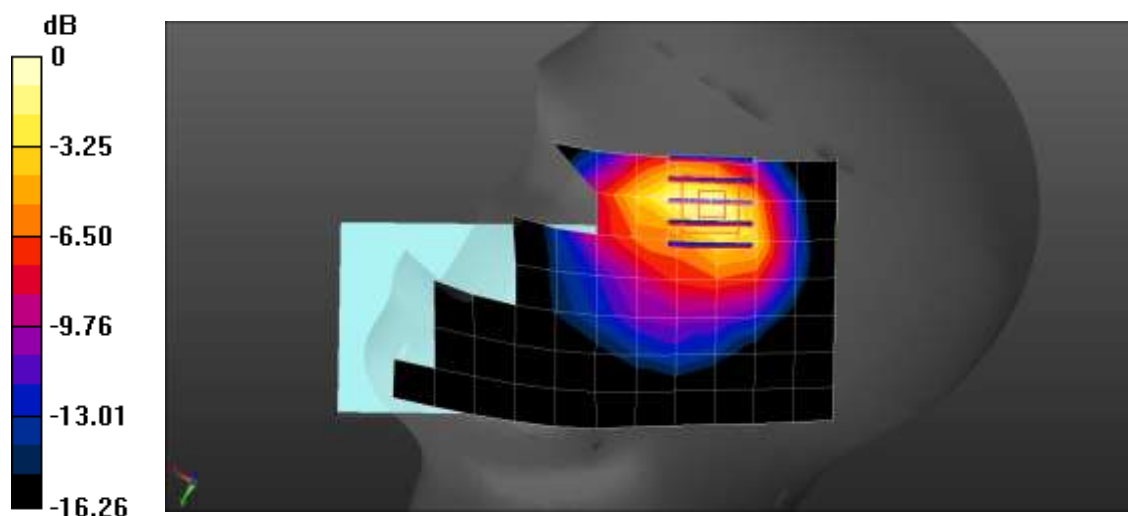
DASY5 Configuration:

- Probe: EX3DV4 - SN7622; ConvF(10.22, 9.73, 10.28) @ 707.5 MHz; Calibrated: 2024-11-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn869; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 Right; Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 12 Head Right Touch QPSK 10MHz 1RB 24offset 23095ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.351 W/kg

LTE Band 12 Head Right Touch QPSK 10MHz 1RB 24offset 23095ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 5.572 V/m; Power Drift = -0.12 dB
 Peak SAR (extrapolated) = 0.494 W/kg
SAR(1 g) = 0.224 W/kg; SAR(10 g) = 0.117 W/kg

Maximum value of SAR (measured) = 0.398 W/kg



0 dB = 0.398 W/kg = -4.00 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 21.6 °C
 Liquid Temperature: 21.4 °C
 Test Date: 04/17/2025
 Band: LTE Band 13 Head SAR_Ant E
 Plot No.: A8

Communication System: UID 10175 - CAH, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 782 MHz; Duty Cycle: 1:3.73594
 Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.927 \text{ S/m}$; $\epsilon_r = 41.76$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Right Section

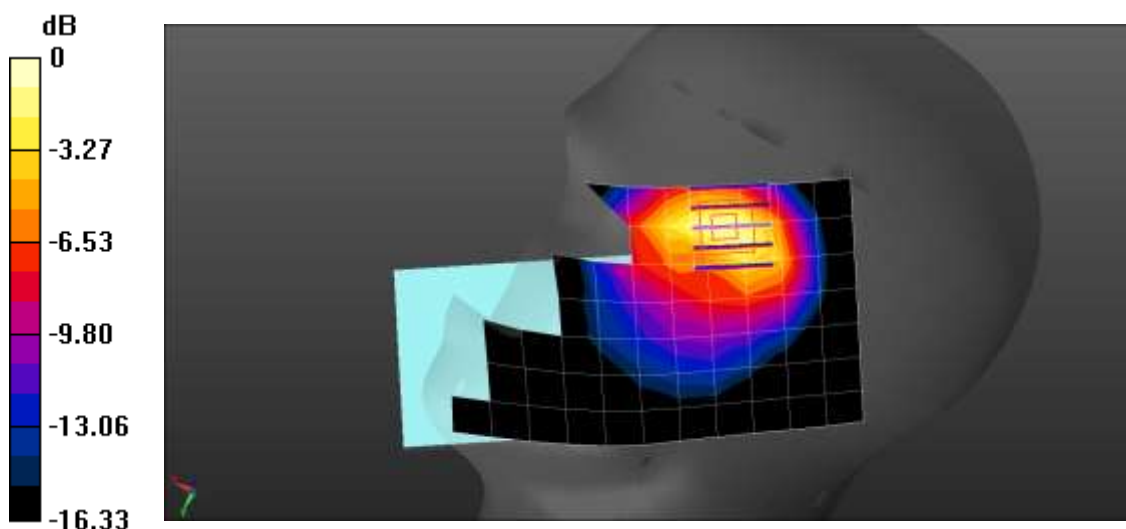
DASY5 Configuration:

- Probe: EX3DV4 - SN7622; ConvF(10.22, 9.73, 10.28) @ 782 MHz; Calibrated: 2024-11-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn869; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 Right; Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 13 Head Right Touch QPSK 10MHz 1RB 24offset 23230ch/Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.508 W/kg

LTE Band 13 Head Right Touch QPSK 10MHz 1RB 24offset 23230ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 5.986 V/m; Power Drift = -0.16 dB
 Peak SAR (extrapolated) = 0.705 W/kg
SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.181 W/kg

Maximum value of SAR (measured) = 0.587 W/kg



0 dB = 0.587 W/kg = -2.31 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 22.3 °C
 Liquid Temperature: 22.1 °C
 Test Date: 04/21/2025
 Band: LTE Band 25 Head SAR_Ant I
 Plot No.: A9

Measurement Report for Device, CHEEK, Band 25, LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)
 RBPosition:Mid AntennaCfg:SISO, Channel 26590 (1905.000 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead, Head Simulating Liquid	CHEEK, 0.00	Band 25	LTE-FDD, 10297-AAE	1905.000, 26590	7.45	1.38	40.3

Hardware Setup

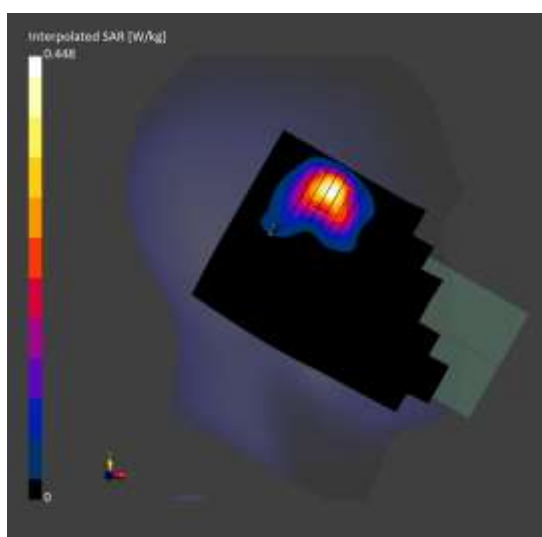
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7732, 2024-06-19	DAE4 Sn1254, 2024-05-16

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.145	0.185
psSAR10g [W/kg]	0.074	0.080
Power Drift [dB]	-0.18	0.09



EUT Type: Mobile Phone
 Ambient Temperature: 21.7 °C
 Liquid Temperature: 21.6 °C
 Test Date: 04/16/2025
 Band: LTE Band 26 Head SAR_Ant E
 Plot No.: A10

Communication System: UID 10181 - CAF, LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK); Frequency: 831.5 MHz; Duty Cycle: 1:3.7368
 Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.889$ S/m; $\epsilon_r = 42.319$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7622; ConvF(9.82, 9.35, 9.87) @ 831.5 MHz; Calibrated: 2024-11-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn869; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 Right; Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 26 Head Right Touch QPSK 15MHz 1RB 74offset 26865ch/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.415 W/kg

LTE Band 26 Head Right Touch QPSK 15MHz 1RB 74offset 26865ch/Zoom Scan (5x5x7)/Cube 0:

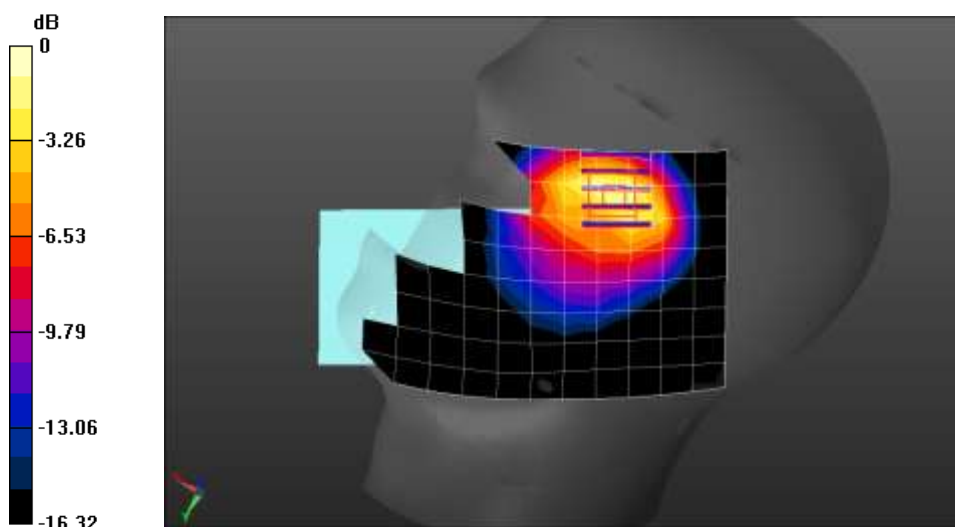
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.103 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.655 W/kg

SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.175 W/kg

Maximum value of SAR (measured) = 0.502 W/kg



0 dB = 0.502 W/kg = -2.99 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 22.7 °C
 Liquid Temperature: 22.6 °C
 Test Date: 04/15/2025
 Band: LTE Band 41 Head SAR_Ant I
 Plot No.: A11

Communication System: UID 10647 - AAF, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7);
 Frequency: 2506 MHz; Duty Cycle: 1:15.6892
 Medium parameters used (interpolated): $f = 2506$ MHz; $\sigma = 1.942$ S/m; $\epsilon_r = 38.618$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.54, 7.86, 7.15) @ 2506 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Right; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

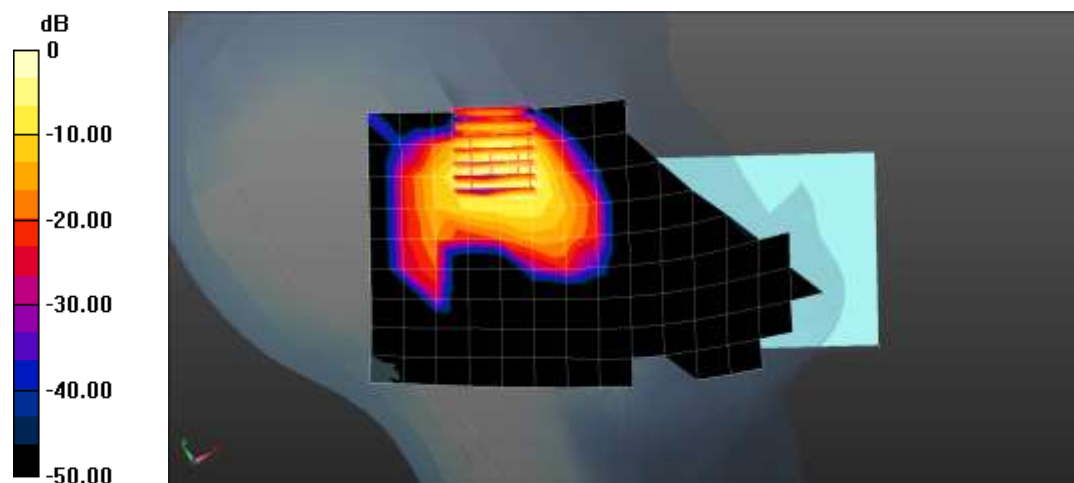
LTE Band 41 Head Left Touch QPSK 20MHz 1RB 0offset 39750ch/Area Scan (10x17x1): Measurement
 grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.227 W/kg

LTE Band 41 Head Left Touch QPSK 20MHz 1RB 0offset 39750ch/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 1.814 V/m; Power Drift = 0.17 dB
 Peak SAR (extrapolated) = 0.700 W/kg
SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.083 W/kg

Maximum value of SAR (measured) = 0.505 W/kg



0 dB = 0.505 W/kg = -2.97 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 21.3 °C
 Liquid Temperature: 21.2 °C
 Test Date: 04/27/2025
 Band: LTE Band 66 Head SAR_Ant I
 Plot No.: A12

Communication System: UID 10297 - AAE, LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1770 MHz; Duty Cycle: 1:3.80978
 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.349$ S/m; $\epsilon_r = 41.453$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

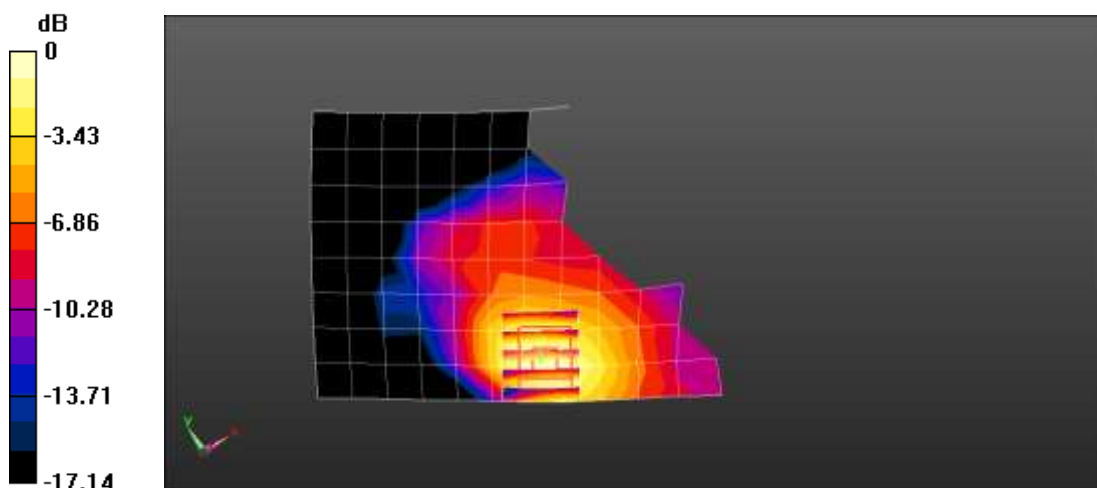
DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ConvF(8.48, 8.09, 8.04) @ 1770 MHz; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 66 Head Left Touch QPSK 20MHz 50RB 25offset 132572ch/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.105 W/kg

LTE Band 66 Head Left Touch QPSK 20MHz 50RB 25offset 132572ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 2.259 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 0.118 W/kg
SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.058 W/kg

Maximum value of SAR (measured) = 0.109 W/kg



0 dB = 0.109 W/kg = -9.63 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 22.0 °C
 Liquid Temperature: 21.9 °C
 Test Date: 04/18/2025
 Band: NR Band n5 Head SAR_Ant E
 Plot No.: A13

Communication System: UID 10931 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz);
 Frequency: 836.5 MHz; Duty Cycle: 1:3.55795
 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.934$ S/m; $\epsilon_r = 42.662$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7622; ConvF(9.82, 9.35, 9.87) @ 836.5 MHz; Calibrated: 2024-11-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn869; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 Right; Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n5 Head Right Touch CP QPSK 20MHz 1RB 1offset 167300ch/Area Scan (9x14x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.473 W/kg

NR Band n5 Head Right Touch CP QPSK 20MHz 1RB 1offset 167300ch/Zoom Scan (5x5x7)/Cube 0:

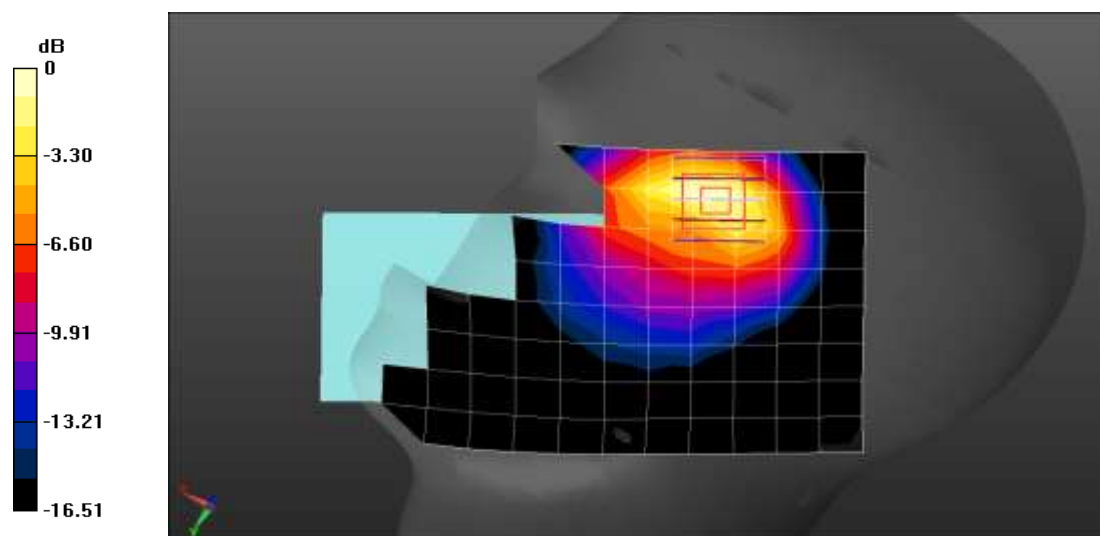
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.668 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.629 W/kg

SAR(1 g) = 0.317 W/kg; SAR(10 g) = 0.170 W/kg

Maximum value of SAR (measured) = 0.513 W/kg



0 dB = 0.513 W/kg = -2.90 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 21.7 °C
 Liquid Temperature: 21.6 °C
 Test Date: 04/28/2025
 Band: NR Band n25 Head SAR_Ant I
 Plot No.: A14

Communication System: UID 10942 - AAC, 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz);
 Frequency: 1882.5 MHz; Duty Cycle: 1:3.84769
 Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 41.309$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY5 Configuration:

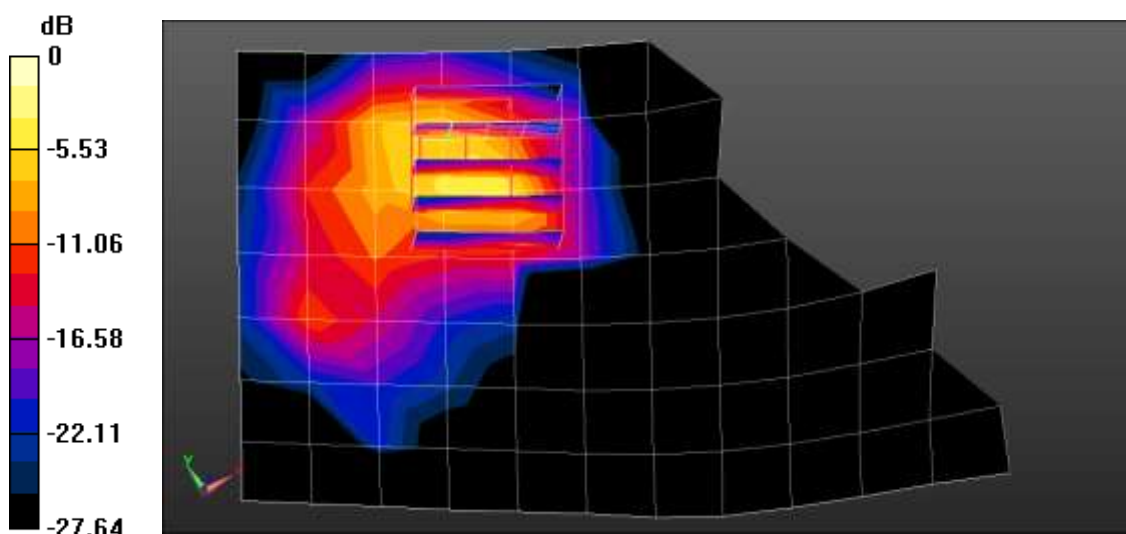
- Probe: EX3DV4 - SN3968; ConvF(8.2, 7.82, 7.77) @ 1882.5 MHz; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n25 Head Left Touch DFT-s QPSK 40MHz 108RB 108offset 376500ch/Area Scan (8x14x1):
 Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.300 W/kg

NR Band n25 Head Left Touch DFT-s QPSK 40MHz 108RB 108offset 376500ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 5.458 V/m; Power Drift = 0.18 dB
 Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.334 W/kg; SAR(10 g) = 0.126 W/kg

Maximum value of SAR (measured) = 0.898 W/kg



0 dB = 0.513 W/kg = -2.90 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 22.5 °C
 Liquid Temperature: 22.4 °C
 Test Date: 04/14/2025
 Band: NR Band n41 Head SAR_Ant I
 Plot No.: A15

Communication System: UID 10917 - AAB, 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz);
 Frequency: 2592.99 MHz; Duty Cycle: 1:3.93007
 Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 2.035$ S/m; $\epsilon_r = 38.335$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.54, 7.86, 7.15) @ 2592.99 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Right; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n41 Head Left Touch QPSK 100MHz 135RB 138offset 518598ch/Area Scan (10x17x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.963 W/kg

NR Band n41 Head Left Touch QPSK 100MHz 135RB 138offset 518598ch/Zoom Scan (7x7x7)/Cube 0:

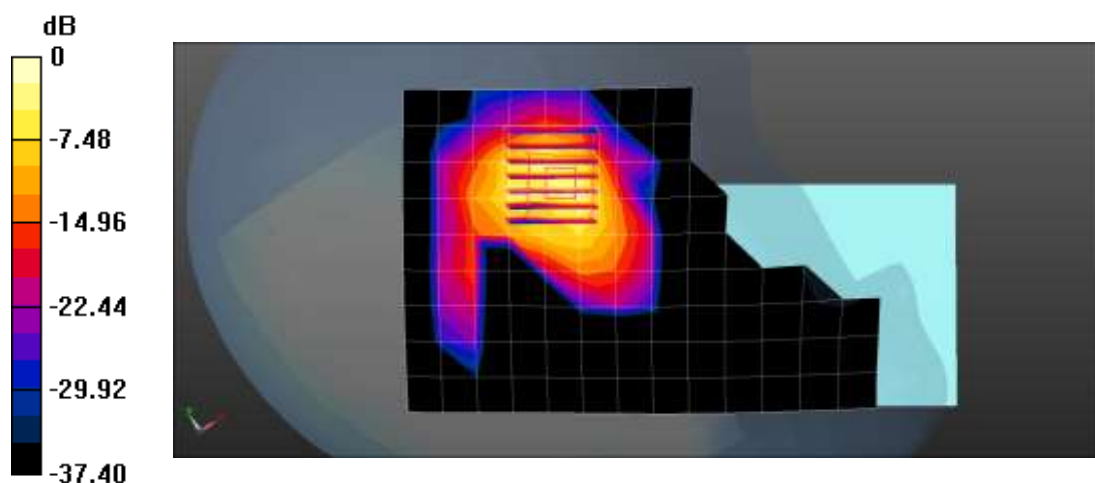
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.227 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 2.34 W/kg

SAR(1 g) = 0.754 W/kg; SAR(10 g) = 0.262 W/kg

Maximum value of SAR (measured) = 1.63 W/kg



0 dB = 1.63 W/kg = 2.12 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 22.0 °C
 Liquid Temperature: 21.9 °C
 Test Date: 04/29/2025
 Band: NR Band n66 Head SAR_Ant I
 Plot No.: A16

Communication System: UID 10934 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz);
 Frequency: 1745 MHz; Duty Cycle: 1:3.55877
 Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.307$ S/m; $\epsilon_r = 41.84$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY5 Configuration:

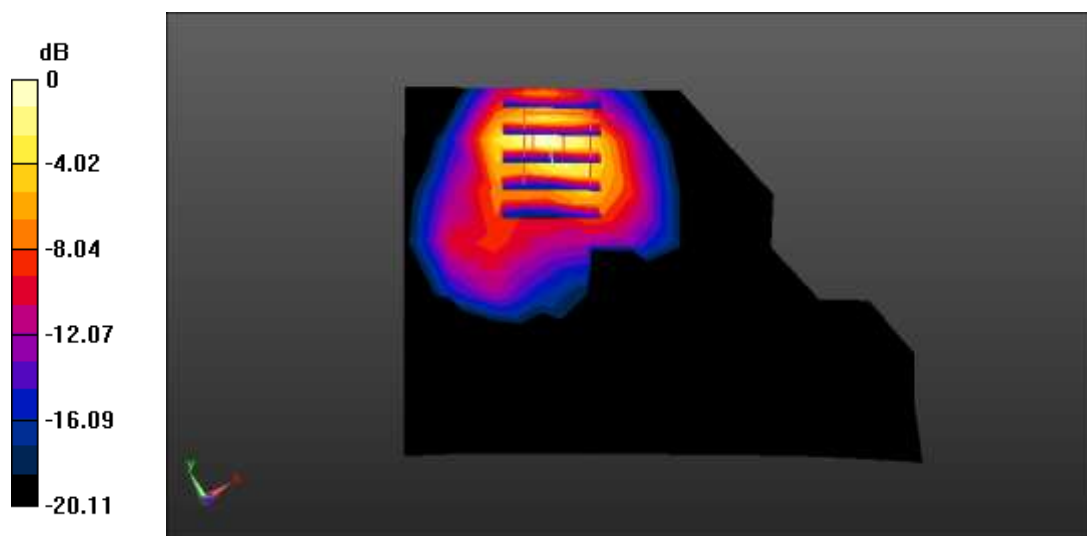
- Probe: EX3DV4 - SN3968; ConvF(8.48, 8.09, 8.04) @ 1745 MHz; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n66 Head Left Touch DFT-s QPSK 40MHz 1RB 214offset 349000ch/Area Scan (8x14x1):
 Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.426 W/kg

NR Band n66 Head Left Touch DFT-s QPSK 40MHz 1RB 214offset 349000ch/Zoom Scan (5x5x7)/Cube
 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 6.875 V/m; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 0.552 W/kg
SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.114 W/kg

Maximum value of SAR (measured) = 0.440 W/kg



0 dB = 0.440 W/kg = -3.57 dBW/kg

EUT Type: Mobile Phone
Ambient Temperature: 20.6 °C
Liquid Temperature: 20.5 °C
Test Date: 05/09/2025
Band: NR Band n71 Head SAR_Ant I
Plot No.: A17
Measurement Report for Device, CHEEK, Band n71, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)
RBPosition:Mid AntennaCfg:SISO, Channel 136100 (680.500 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead, Head Simulating Liquid	CHEEK, 0.00	Band n71	5G NR FR1 FDD, 10931-AAC	680.500, 136100	10.22	0.908	42.5

Hardware Setup

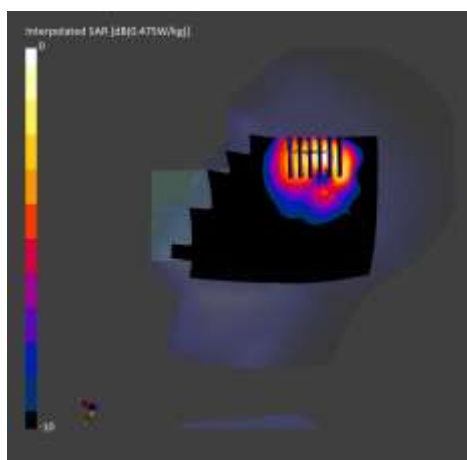
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.364	0.481
psSAR10g [W/Kg]	0.208	0.209
Power Drift [dB]	-0.18	-0.15



EUT Type: Mobile Phone
 Ambient Temperature: 20.2 °C
 Liquid Temperature: 20.0 °C
 Test Date: 04/10/2025
 Band: NR Band n77 Head SAR_Ant F
 Plot No.: A18
 Measurement Report for Device, TILT, Band n77, 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, Channel 650000 (3750.0 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead, HSL	TILT, 0.00	Band n77	5G NR FR1 TDD, 10917-AAD	3750.0, 650000	7.33	3.10	39.0

Hardware Setup

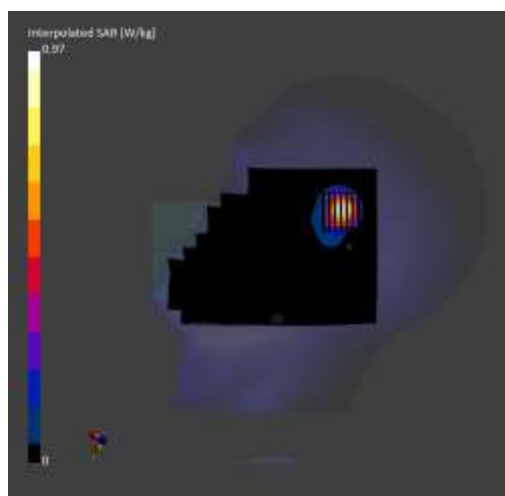
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7654, 2024-05-22	DAE4 Sn868, 2024-09-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	4.4 x 4.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.310	0.309
psSAR10g [W/kg]	0.116	0.108
Power Drift [dB]	-0.19	0.16



EUT Type: Mobile Phone
 Ambient Temperature: 21.9 °C
 Liquid Temperature: 21.8 °C
 Test Date: 05/01/2025
 Band: WLAN 2.4G Head SAR_Ant G+H
 Plot No.: A19

Communication System: UID 10415 - AAA, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle);
 Frequency: 2462 MHz; Duty Cycle: 1:1.4243
 Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.764$ S/m; $\epsilon_r = 40.367$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY5 Configuration:

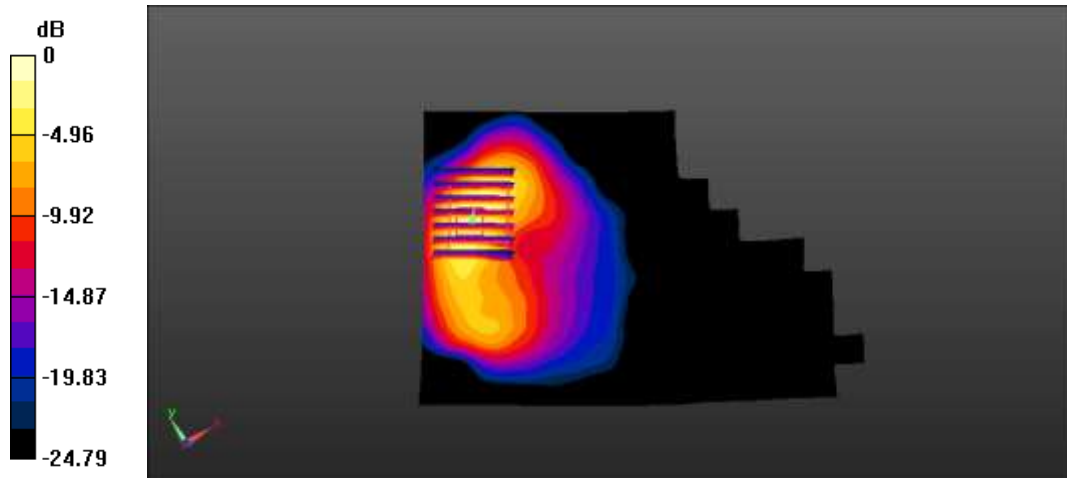
- Probe: EX3DV4 - SN3968; ConvF(7.58, 7.23, 7.18) @ 2462 MHz; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Right_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

802.11b Head Left Tilt 1Mbps 11ch/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.779 W/kg

SM-F766B/802.11b Head Left Tilt 1Mbps 11ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid:
 dx=5mm, dy=5mm, dz=5mm
 Reference Value = 7.919 V/m; Power Drift = 0.15 dB
 Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.466 W/kg; SAR(10 g) = 0.206 W/kg

Maximum value of SAR (measured) = 0.828 W/kg



0 dB = 0.828 W/kg = -0.82 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 21.8 °C
 Liquid Temperature: 21.7 °C
 Test Date: 04/20/2025
 Band: WLAN 5G Head SAR_Ant F
 Plot No.: A20
 Measurement Report for Device, TILT, U-NII-2C Standalone, IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), Channel 122 (5610.0 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead, HSL	TILT, 0.00	U-NII-2C Standalone	WLAN, 10544-AAC	5610.0, 122	5.33	4.99	36.4

Hardware Setup

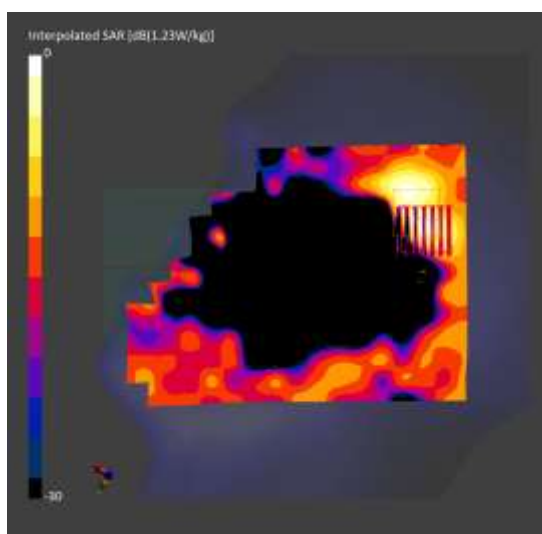
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7654, 2024-05-22	DAE4 Sn868, 2024-09-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	3.9 x 3.9 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.196	0.212
psSAR10g [W/Kg]	0.057	0.055
Power Drift [dB]	-0.12	0.02



EUT Type: Mobile Phone
Ambient Temperature: 22.8 °C
Liquid Temperature: 22.6 °C
Test Date: 04/28/2025
Band: WLAN 6G Head SAR_Ant F
Plot No.: A21

Measurement Report for Device, CHEEK, U-NII-5, IEEE 802.11ax (40MHz, MCS0, 99pc duty cycle), Channel 43 (6165.0 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead, HSL	CHEEK, 0.00	U-NII-5	WLAN, 10707-AAC	6165.0, 43	5.74	5.69	34.6

Hardware Setup

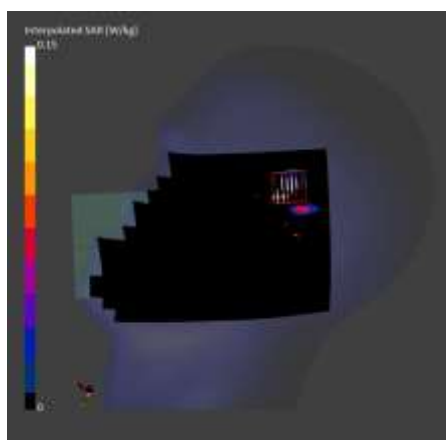
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7702, 2025-01-21	DAE4 Sn780, 2024-06-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	119.0 x 204.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.098	0.114
psSAR10g [W/kg]	0.020	0.022
psAPD (1.0cm2, sq) [W/m2]		1.14
psAPD (4.0cm2, sq) [W/m2]		0.552
Power Drift [dB]	0.15	0.07



EUT Type: Mobile Phone
Ambient Temperature: 21.5 °C

Liquid Temperature: 21.4 °C
 Test Date: 04/23/2025
 Band: Bluetooth Head SAR_Ant G
 Plot No.: A22

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2480 \text{ MHz}$; $\sigma = 1.821 \text{ S/m}$; $\epsilon_r = 40.484$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Right Section

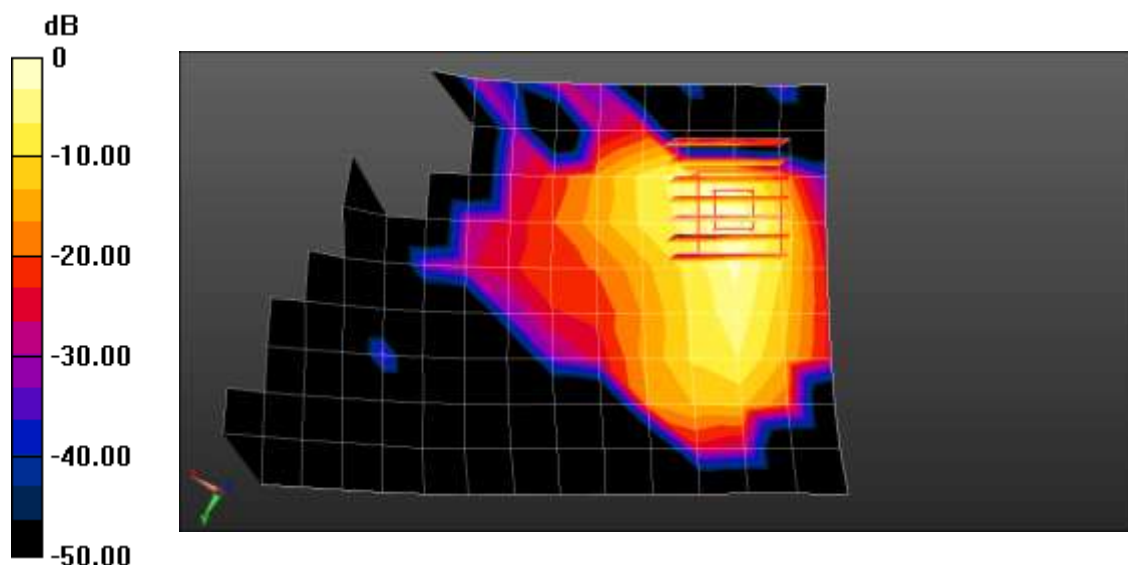
DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ConvF(7.58, 7.23, 7.18) @ 2480 MHz; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Right_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Bluetooth Head Right Touch DH5 78ch/Area Scan (10x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
 Maximum value of SAR (measured) = 0.273 W/kg

Bluetooth Head Right Touch DH5 78ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 7.856 V/m; Power Drift = -0.10 dB
 Peak SAR (extrapolated) = Dr76 W/kg
SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.051 W/kg

Maximum value of SAR (measured) = 0.264 W/kg



0 dB = 0.264 W/kg = -5.78 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 22.2 °C

Liquid Temperature: 22.0 °C
 Test Date: 03/26/2025
 Band: GSM850 Body/Hotspot SAR_Ant A
 Plot No.: B1

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 824.2 MHz; Duty Cycle: 1:8.69961
 Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.921$ S/m; $\epsilon_r = 42.375$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7622; ConvF(9.82, 9.35, 9.87) @ 824.2 MHz;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2024-04-19
- Phantom: Twin-SAM V4.0 Right
- Measurement SW: DASY52, Version 52.10 (4);

GSM850 Body Rear Voice 128ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.863 W/kg

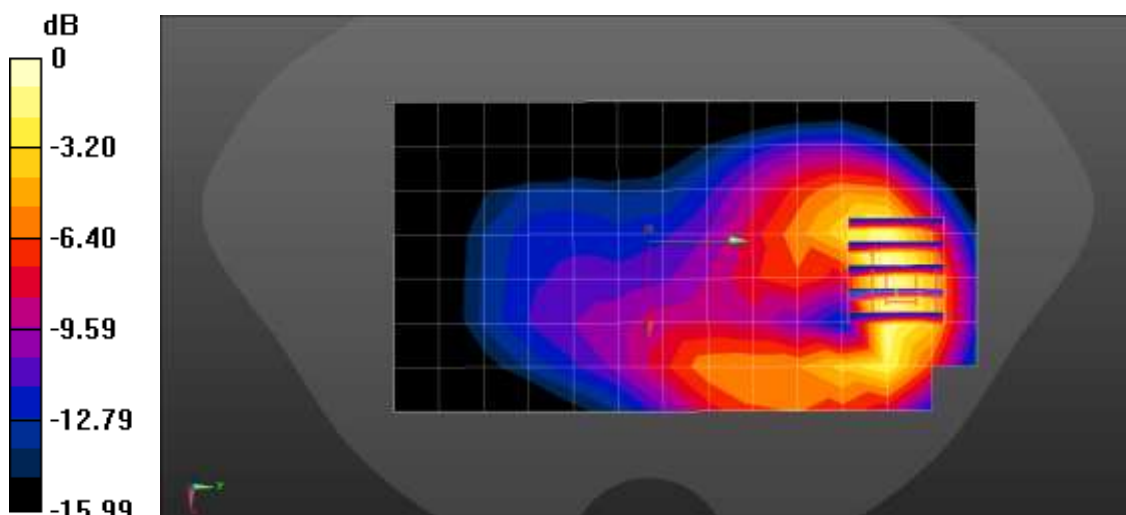
GSM850 Body Rear Voice 128ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.219 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.643 W/kg; SAR(10 g) = 0.347 W/kg

Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02 W/kg = 0.09 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 22.0 °C

Liquid Temperature: 21.8 °C
 Test Date: 03/24/2025
 Band: GSM1900 Body/Hotspot SAR_Ant B
 Plot No.: B2

Communication System: UID 10028 - DAC, GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 1880 MHz; Duty Cycle: 1:2.26569
 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.386$ S/m; $\epsilon_r = 39.593$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

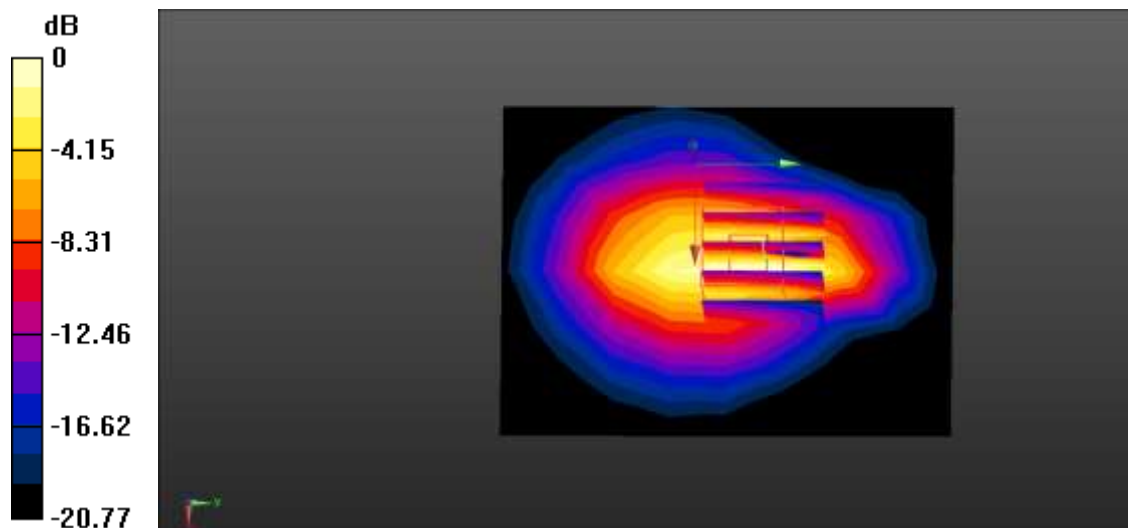
DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Front_2011217
- Measurement SW: DASY52, Version 52.10 (4);

GSM1900 Body Bottom 4Tx 661ch/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.787 W/kg

GSM1900 Body Bottom 4Tx 661ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 24.69 V/m; Power Drift = 0.12 dB
 Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.589 W/kg; SAR(10 g) = 0.311 W/kg

Maximum value of SAR (measured) = 0.905 W/kg



0 dB = 0.905 W/kg = -0.43 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 22.3 °C

Liquid Temperature: 22.2 °C
 Test Date: 03/13/2025
 Band: UMTS Band 5 Body/Hotspot SAR_Ant A
 Plot No.: B3

Communication System: UID 10011 - CAC, UMTS-FDD (WCDMA); Frequency: 836.6 MHz; Duty Cycle: 1:1.95434

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.949$ S/m; $\epsilon_r = 41.246$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7622; ConvF(9.82, 9.35, 9.87) @ 836.6 MHz;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2024-04-19
- Phantom: Twin-SAM V4.0 Right
- Measurement SW: DASY52, Version 52.10 (4);

UMTS Band 5 Body Rear 4183ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.874 W/kg

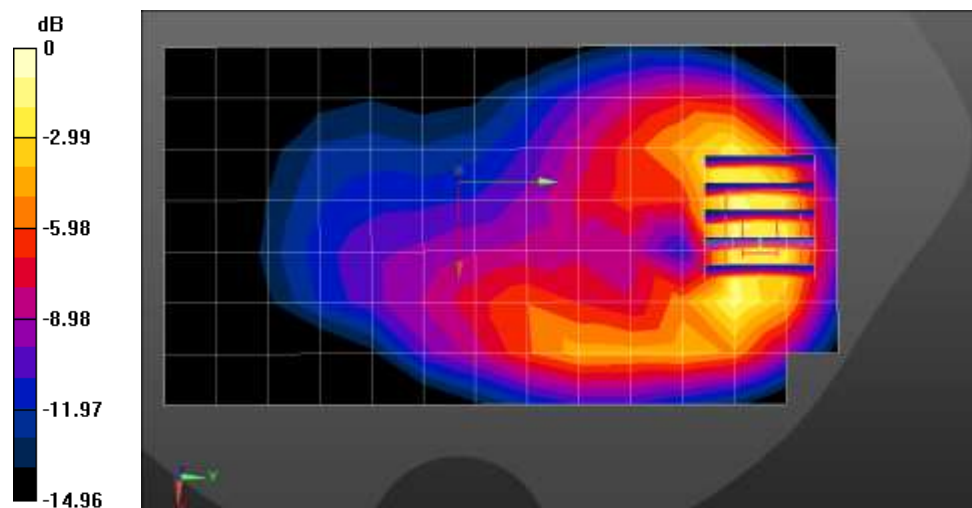
UMTS Band 5 Body Rear 4183ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.74 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.787 W/kg; SAR(10 g) = 0.425 W/kg

Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24 W/kg = 0.93 dBW/kg

EUT Type: Mobile Phone

Ambient Temperature: 22.3 °C
 Liquid Temperature: 22.1 °C
 Test Date: 03/20/2025
 Band: UMTS Band 4 Body/Hotspot SAR_Ant B
 Plot No.: B4

Communication System: UID 10011 - CAC, UMTS-FDD (WCDMA); Frequency: 1732.4 MHz; Duty Cycle: 1:1.95434

Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.307$ S/m; $\epsilon_r = 40.921$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Front_2011217
- Measurement SW: DASY52, Version 52.10 (4);

UMTS Band 4 Body Bottom 1412ch/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.503 W/kg

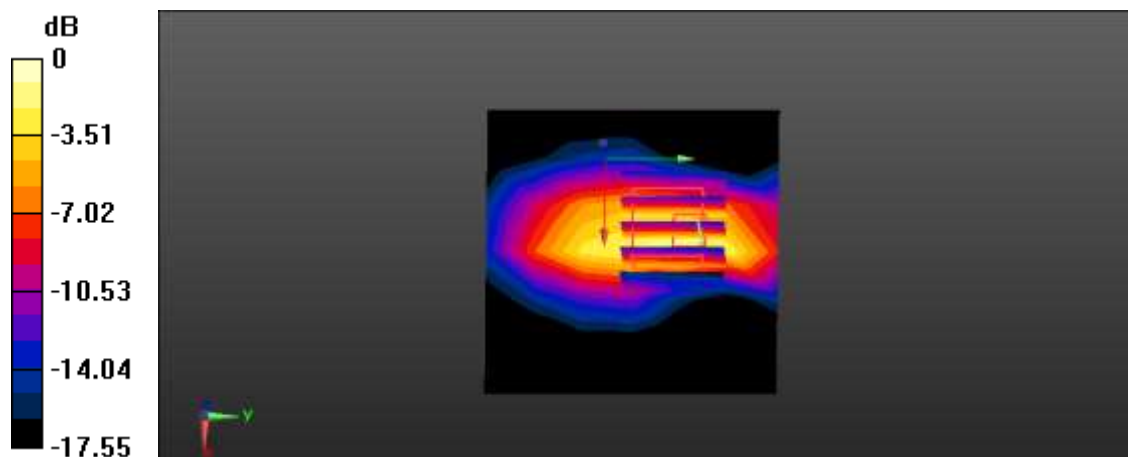
UMTS Band 4 Body Bottom 1412ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.12 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.824 W/kg

SAR(1 g) = 0.440 W/kg; SAR(10 g) = 0.221 W/kg

Maximum value of SAR (measured) = 0.677 W/kg



0 dB = 0.677 W/kg = -1.69 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 22.5 °C
 Liquid Temperature: 22.3 °C
 Test Date: 03/19/2025
 Band: UMTS Band 2 Body/Hotspot SAR_Ant B
 Plot No.: B5

Communication System: UID 10011 - CAC, UMTS-FDD (WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:1.95434

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.407$ S/m; $\epsilon_r = 40.261$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Front_2011217
- Measurement SW: DASY52, Version 52.10 (4);

UMTS Band 2 Body Bottom 9400ch/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.605 W/kg

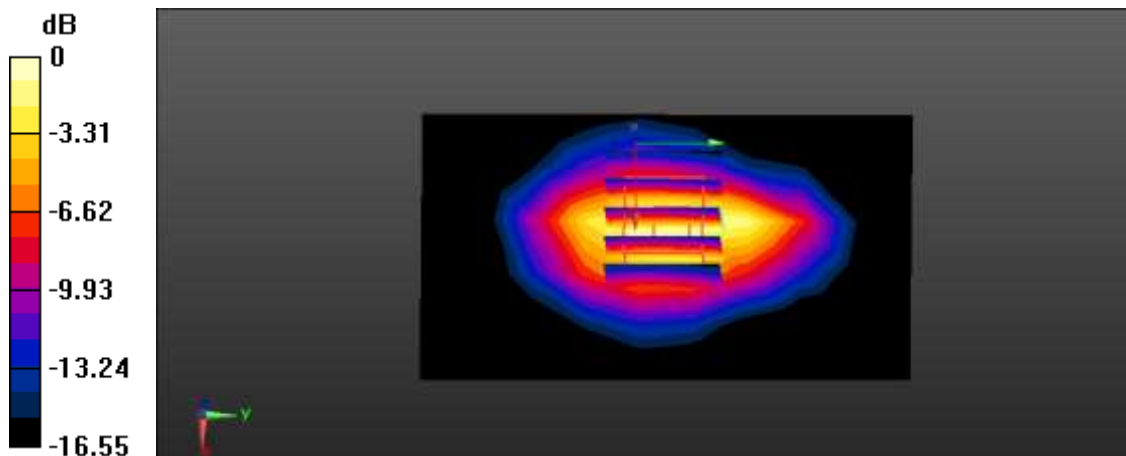
UMTS Band 2 Body Bottom 9400ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.21 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.800 W/kg

SAR(1 g) = 0.467 W/kg; SAR(10 g) = 0.256 W/kg

Maximum value of SAR (measured) = 0.685 W/kg



0 dB = 0.685 W/kg = -1.64 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 22.5 °C
 Liquid Temperature: 22.4 °C
 Test Date: 03/31/2025
 Band: LTE Band 5 Body/Hotspot SAR_Ant A
 Plot No.: B6

Communication System: UID 10154 - CAH, LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK); Frequency: 836.5 MHz; Duty Cycle: 1:3.76184
 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.926$ S/m; $\epsilon_r = 42.24$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7622; ConvF(9.82, 9.35, 9.87) @ 836.5 MHz;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2024-04-19
- Phantom: Twin-SAM V4.0 Right
- Measurement SW: DASY52, Version 52.10 (4);

LTE Band 5 Body Rear QPSK 10MHz 25RB 24offset 20525ch/Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.900 W/kg

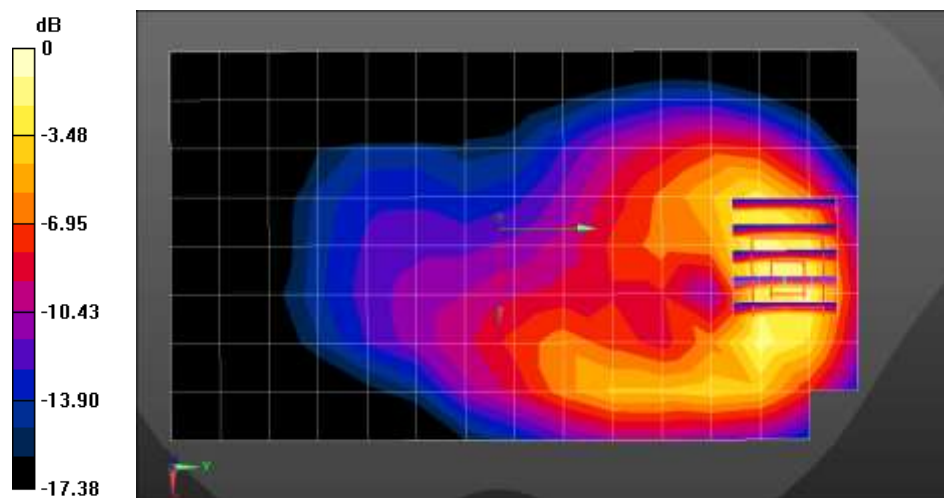
LTE Band 5 Body Rear QPSK 10MHz 25RB 24offset 20525ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.43 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.848 W/kg; SAR(10 g) = 0.460 W/kg

Maximum value of SAR (measured) = 1.34 W/kg



0 dB = 1.34 W/kg = 1.27 dBW/kg

EUT Type: Mobile Phone
Ambient Temperature: 21.1 °C
Liquid Temperature: 21.0 °C
Test Date: 04/10/2025
Band: LTE Band 12 Body/Hotspot SAR_Ant A
Plot No.: B7

Measurement Report for Device, BACK, Band 12, LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)
RBPosition:Mid AntennaCfg:SISO, Channel 23095 (707.500 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 0.00	Band 12	LTE-FDD, 10154-CAH	707.500, 23095	9.73	0.867	43.1

Hardware Setup

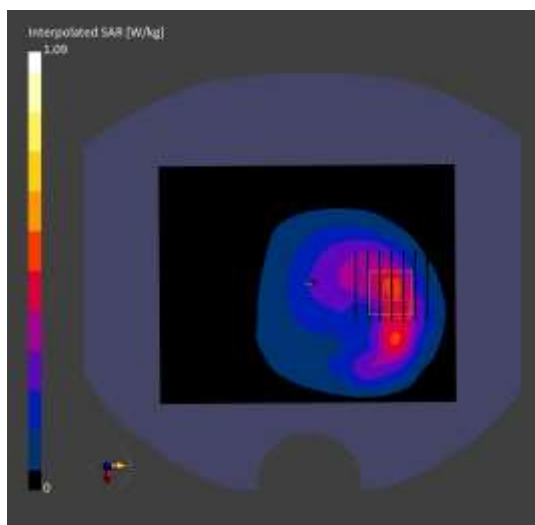
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7732, 2024-06-19	DAE4 Sn1254, 2024-05-16

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	105.0 x 135.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.493	0.530
psSAR10g [W/kg]	0.311	0.284
Power Drift [dB]	-0.01	0.01



EUT Type: Mobile Phone
Ambient Temperature: 21.3 °C
Liquid Temperature: 21.1 °C
Test Date: 04/11/2025
Band: LTE Band 13 Body/Hotspot SAR_Ant A
Plot No.: B8

Measurement Report for Device, BACK, Band 13, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)
RBPosition:Mid AntennaCfg:SISO, Channel 23230 (782.000 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 5.00	Band 13	LTE-FDD, 10175-CAH	782.000, 23230	9.73	0.917	42.0

Hardware Setup

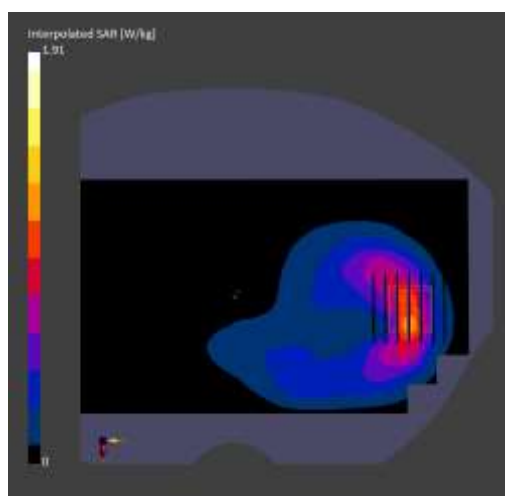
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7732, 2024-06-19	DAE4 Sn1254, 2024-05-16

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.959	0.963
psSAR10g [W/kg]	0.571	0.536
Power Drift [dB]	0.01	-0.03



EUT Type: Mobile Phone
 Ambient Temperature: 21.1 °C
 Liquid Temperature: 21.0 °C
 Test Date: 03/17/2025
 Band: LTE Band 25 Body/Hotspot SAR_Ant B
 Plot No.: B9

Communication System: UID 10297 - AAE, LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1860 MHz; Duty Cycle: 1:3.80978
 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 40.017$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

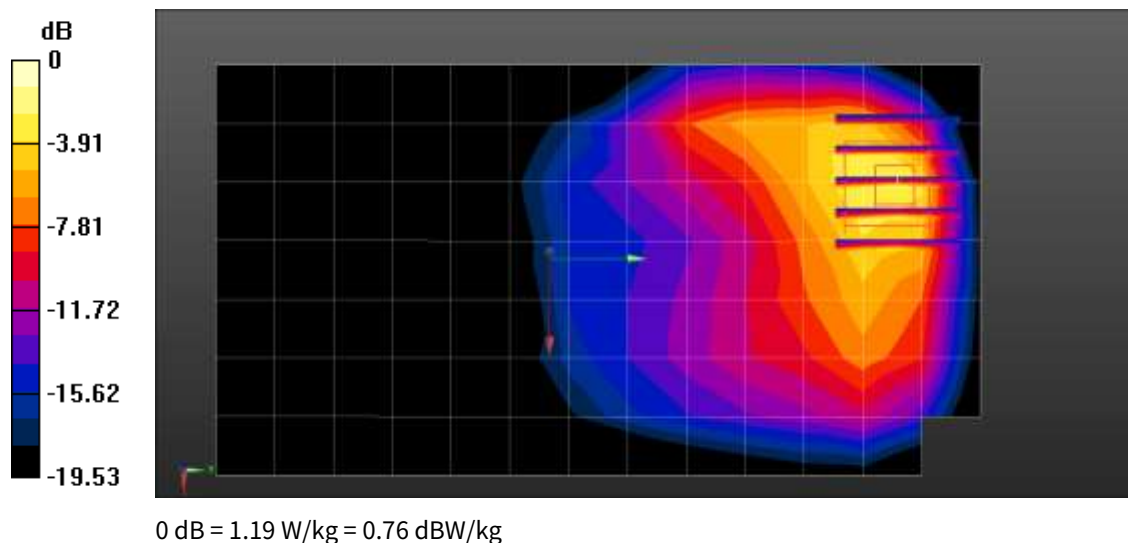
DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Front_2011217
- Measurement SW: DASY52, Version 52.10 (4);

LTE Band 25 Body Rear QPSK 20MHz 50RB 49offset 26140ch/Area Scan (8x14x1): Measurement grid:
 $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (measured) = 0.689 W/kg

LTE Band 25 Body Rear QPSK 20MHz 50RB 49offset 26140ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
 Reference Value = 4.504 V/m; Power Drift = 0.06 dB
 Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.350 W/kg

Maximum value of SAR (measured) = 1.19 W/kg



EUT Type: Mobile Phone
 Ambient Temperature: 23.3 °C
 Liquid Temperature: 23.1 °C
 Test Date: 04/01/2025
 Band: LTE Band 26 Body/Hotspot SAR_Ant A
 Plot No.: B10

Communication System: UID 10160 - CAF, LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK); Frequency: 831.5 MHz; Duty Cycle: 1:3.81593
 Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.94$ S/m; $\epsilon_r = 41.577$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7622; ConvF(9.82, 9.35, 9.87) @ 831.5 MHz;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2024-04-19
- Phantom: Twin-SAM V4.0 Right
- Measurement SW: DASY52, Version 52.10 (4);

LTE Band 26 Body Rear QPSK 15MHz 36RB 0offset 26865ch/Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.25 W/kg

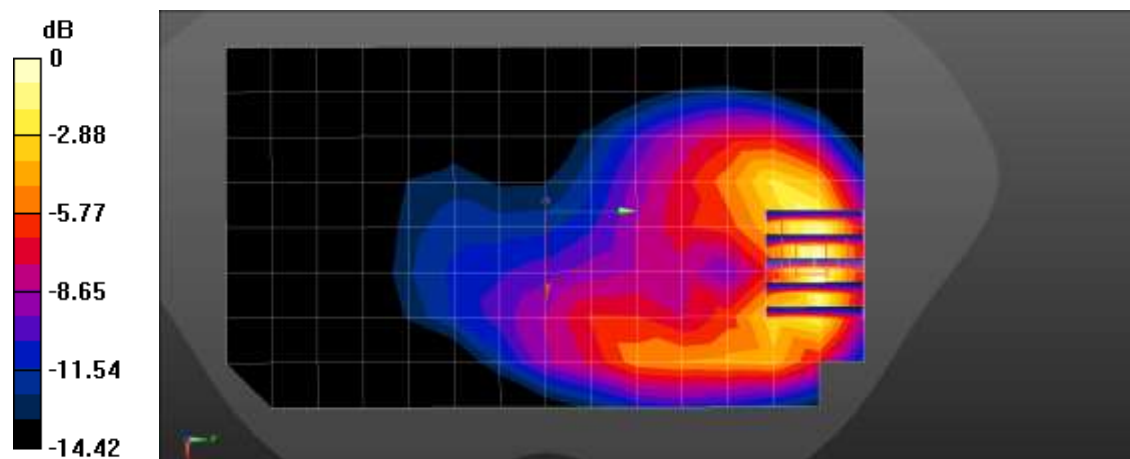
LTE Band 26 Body Rear QPSK 15MHz 36RB 0offset 26865ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.35 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 0.889 W/kg; SAR(10 g) = 0.480 W/kg

Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.36 W/kg = 1.34 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 22.7 °C
 Liquid Temperature: 22.6 °C
 Test Date: 04/15/2025
 Band: LTE Band 41 Body/Hotspot SAR_Ant I
 Plot No.: B11

Communication System: UID 10494 - AAF, LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9); Frequency: 2549.5 MHz; Duty Cycle: 1:5.93882
 Medium parameters used: $f = 2550$ MHz; $\sigma = 1.991$ S/m; $\epsilon_r = 38.449$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

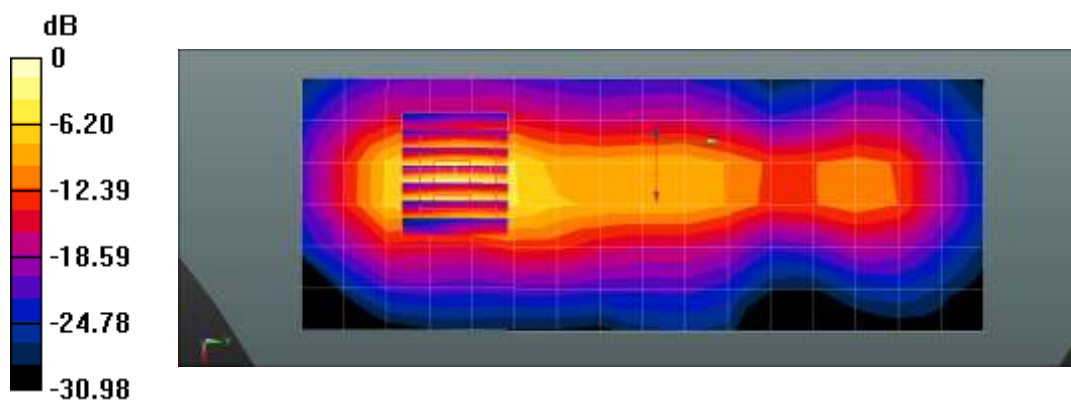
DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.54, 7.86, 7.15) @ 2549.5 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Right; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 41 Body Right QPSK 20MHz 50RB 0offset 40185ch/Area Scan (7x17x1): Measurement grid:
 dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.823 W/kg

LTE Band 41 Body Right QPSK 20MHz 50RB 0offset 40185ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 12.30 V/m; Power Drift = 0.15 dB
 Peak SAR (extrapolated) = 2.40 W/kg
SAR(1 g) = 0.981 W/kg; SAR(10 g) = 0.362 W/kg

Maximum value of SAR (measured) = 1.90 W/kg



0 dB = 1.19 W/kg = 2.79 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 22.3 °C
 Liquid Temperature: 22.2 °C
 Test Date: 03/18/2025
 Band: LTE Band 66 Body/Hotspot SAR_Ant B
 Plot No.: B12

Communication System: UID 10297 - AAE, LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1770 MHz; Duty Cycle: 1:3.80978
 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.342$ S/m; $\epsilon_r = 40.607$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

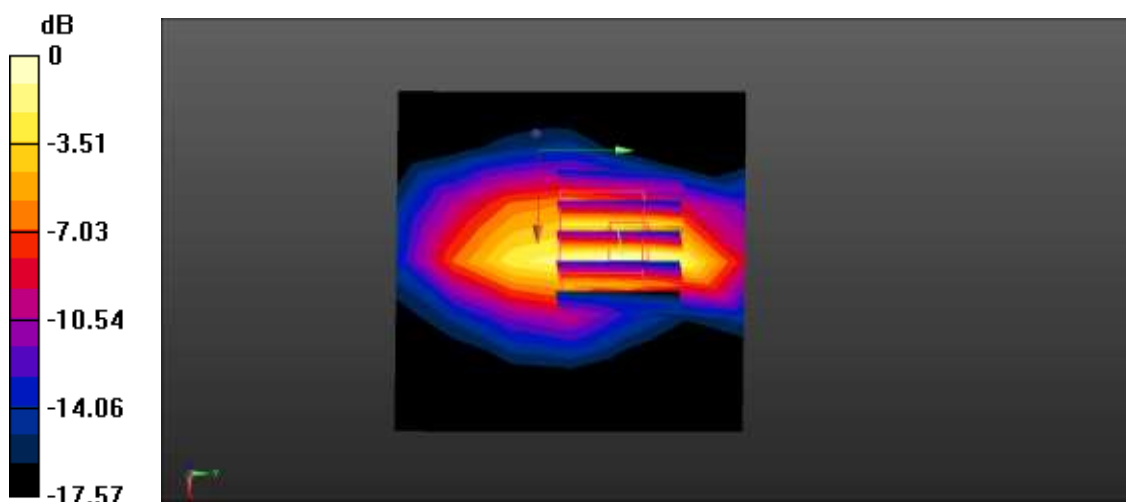
DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Front_2011217
- Measurement SW: DASY52, Version 52.10 (4);

LTE Band 66 Body Bottom QPSK 20MHz 50RB 49offset 132572ch/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.985 W/kg

LTE Band 66 Body Bottom QPSK 20MHz 50RB 49offset 132572ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 25.44 V/m; Power Drift = 0.10 dB
 Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.716 W/kg; SAR(10 g) = 0.361 W/kg

Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.09 W/kg = 0.37 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 22.1 °C
 Liquid Temperature: 22.0 °C
 Test Date: 03/28/2025
 Band: NR Band n5 Body/Hotspot SAR_Ant A
 Plot No.: B13

Communication System: UID 10939 - AAC, 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz);
 Frequency: 836.5 MHz; Duty Cycle: 1:3.81768
 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.9$ S/m; $\epsilon_r = 42.374$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7622; ConvF(9.82, 9.35, 9.87) @ 836.5 MHz;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2024-04-19
- Phantom: Twin-SAM V4.0 Right
- Measurement SW: DASY52, Version 52.10 (4);

NR Band n5 Body Rear DFT-s QPSK 20MHz 50RB 56offset 167300ch/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.09 W/kg

NR Band n5 Body Rear DFT-s QPSK 20MHz 50RB 56offset 167300ch/Zoom Scan (5x5x7)/Cube 0:

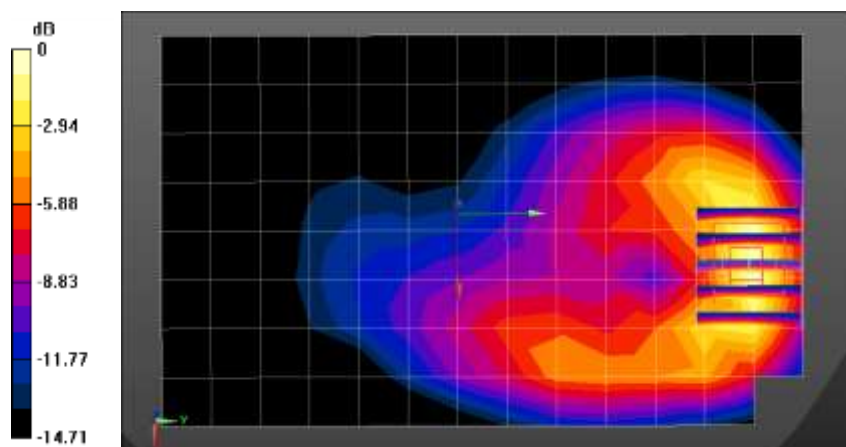
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.748 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.768 W/kg; SAR(10 g) = 0.414 W/kg

Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19 W/kg = 0.76 dBW/kg

EUT Type: Mobile Phone
Ambient Temperature: 22.2 °C
Liquid Temperature: 22.0 °C
Test Date: 03/21/2025
Band: NR Band n25 Body/Hotspot SAR_Ant B
Plot No.: B14

Communication System: UID 10934 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz);
 Frequency: 1882.5 MHz; Duty Cycle: 1:3.55877
 Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.42$ S/m; $\epsilon_r = 40.785$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Front_2011217
- Measurement SW: DASY52, Version 52.10 (4);

NR Band n25 Body Bottom QPSK 40MHz 1RB 1offset 376500ch/Area Scan (6x9x1): Measurement grid:
 dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.806 W/kg

NR Band n25 Body Bottom QPSK 40MHz 1RB 1offset 376500ch/Zoom Scan (5x5x7)/Cube 0:

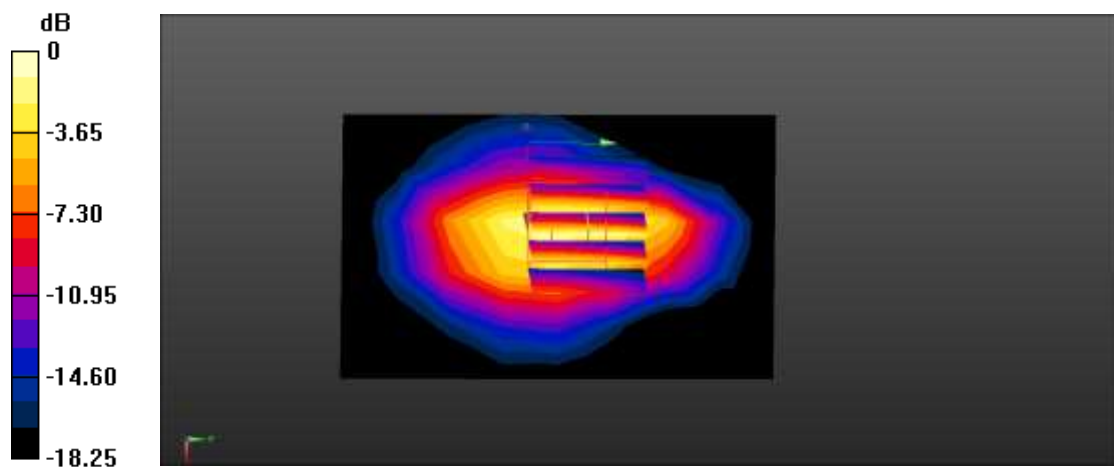
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.53 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.709 W/kg; SAR(10 g) = 0.386 W/kg

Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg = 0.33 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 22.5 °C
 Liquid Temperature: 22.4 °C
 Test Date: 04/14/2025
 Band: NR Band n41 Body/Hotspot SAR_Ant I
 Plot No.: B15

Communication System: UID 10803 - AAD, 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2592.99 MHz; Duty Cycle: 1:6.21441
 Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 2.035$ S/m; $\epsilon_r = 38.335$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.54, 7.86, 7.15) @ 2592.99 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Right; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n41 Body Right CP QPSK 100MHz 1RB 1offset 518598ch/Area Scan (7x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.76 W/kg

NR Band n41 Body Right CP QPSK 100MHz 1RB 1offset 518598ch/Zoom Scan (7x7x7)/Cube 0:

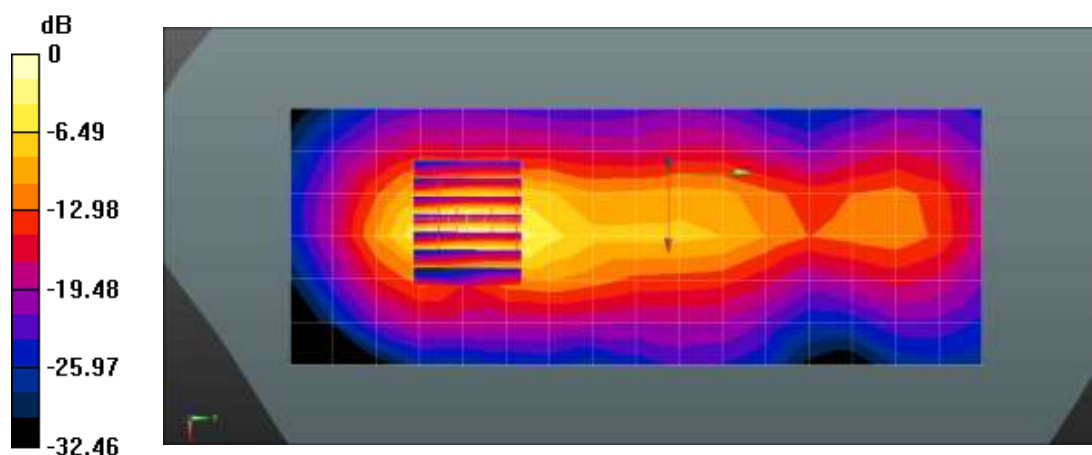
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.30 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 2.63 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.391 W/kg

Maximum value of SAR (measured) = 1.97 W/kg



0 dB = 1.97 W/kg = 2.94 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 22.4 °C
 Liquid Temperature: 22.2 °C
 Test Date: 03/22/2025
 Band: NR Band n66 Body/Hotspot SAR_Ant B
 Plot No.: B16

Communication System: UID 10942 - AAC, 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz);
 Frequency: 1745 MHz; Duty Cycle: 1:3.84769
 Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.356$ S/m; $\epsilon_r = 41.609$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Front_2011217
- Measurement SW: DASY52, Version 52.10 (4);

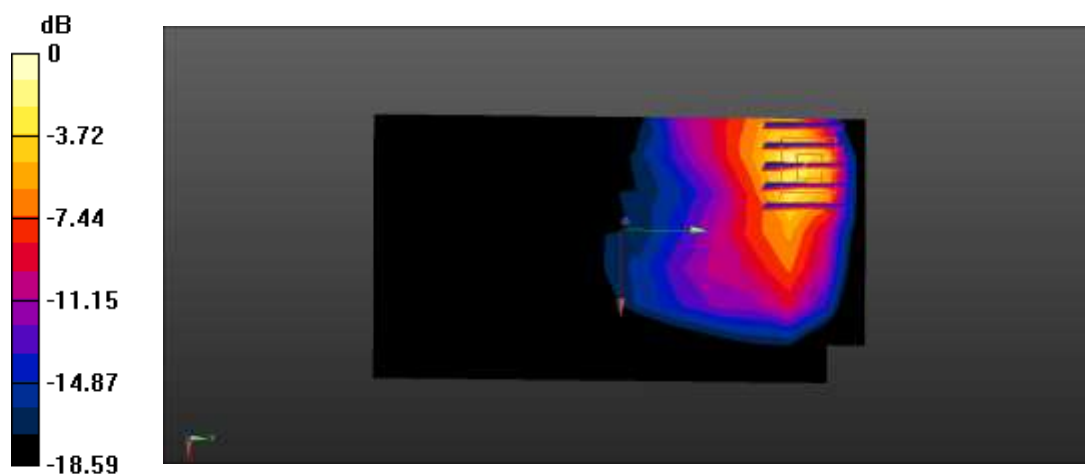
NR Band n66 Body Rear QPSK 40MHz 108RB 54offset 349000ch/Area Scan (8x14x1): Measurement
 grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.780 W/kg

SM-F766B/NR Band n66 Body Rear QPSK 40MHz 108RB 54offset 349000ch/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 3.564 V/m; Power Drift = 0.15 dB
 Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.774 W/kg; SAR(10 g) = 0.359 W/kg

Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg = 1.04 dBW/kg

EUT Type: Mobile Phone
Ambient Temperature: 22.0 °C
Liquid Temperature: 21.9 °C
Test Date: 04/13/2025
Band: NR Band n71 Body/Hotspot SAR_Ant A
Plot No.: B17

Measurement Report for Device, EDGE BOTTOM, Band n71, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCf:SISO, Channel 136100 (680.500 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	EDGE BOTTOM, 5.00	Band n71	5G NR FR1 FDD, 10931-AAC	680.500, 136100	9.73	0.904	42.7

Hardware Setup

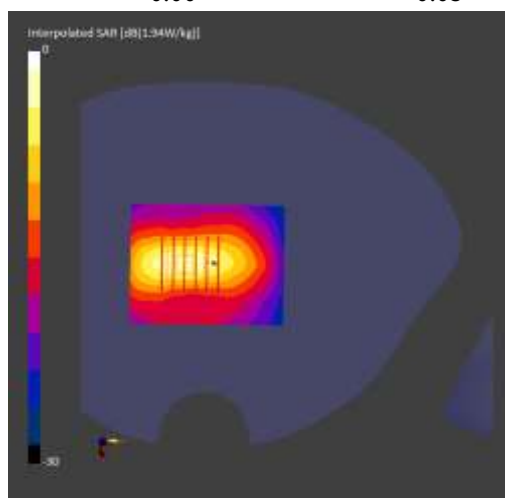
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7732, 2024-06-19	DAE4 Sn1254, 2024-05-16

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 90.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	7.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.824	0.782
psSAR10g [W/Kg]	0.433	0.359
Power Drift [dB]	0.00	0.03



EUT Type: Mobile Phone
Ambient Temperature: 20.2 °C
Liquid Temperature: 20.0 °C
Test Date: 04/10/2025
Band: NR Band n77 Body/Hotspot SAR_Ant F
Plot No.: B18
Measurement Report for Device, EDGE LEFT, Band n77, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, Channel 633334 (3500.0 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	EDGE LEFT, 5.00	Band n77	5G NR FR1 TDD, 10866-AAF	3500.01, 633334	7.4	2.89	39.3

Hardware Setup

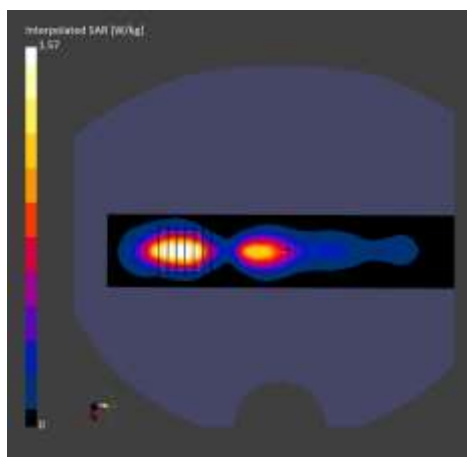
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7654, 2024-05-22	DAE4 Sn868, 2024-09-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	42.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	7.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.619	0.617
psSAR10g [W/kg]	0.240	0.237
Power Drift [dB]	-0.03	0.01



EUT Type: Mobile Phone
 Ambient Temperature: 21.9 °C
 Liquid Temperature: 21.8 °C
 Test Date: 05/01/2025
 Band: WLAN 2.4G Body/Hotspot SAR_Ant G+H
 Plot No.: B19

Communication System: UID 10415 - AAA, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle);
 Frequency: 2462 MHz; Duty Cycle: 1:1.4243
 Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.764$ S/m; $\epsilon_r = 40.367$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ConvF(7.58, 7.23, 7.18) @ 2462 MHz; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Right_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

802.11b Body Top 1Mbps 11ch/Area Scan (61x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.36 W/kg

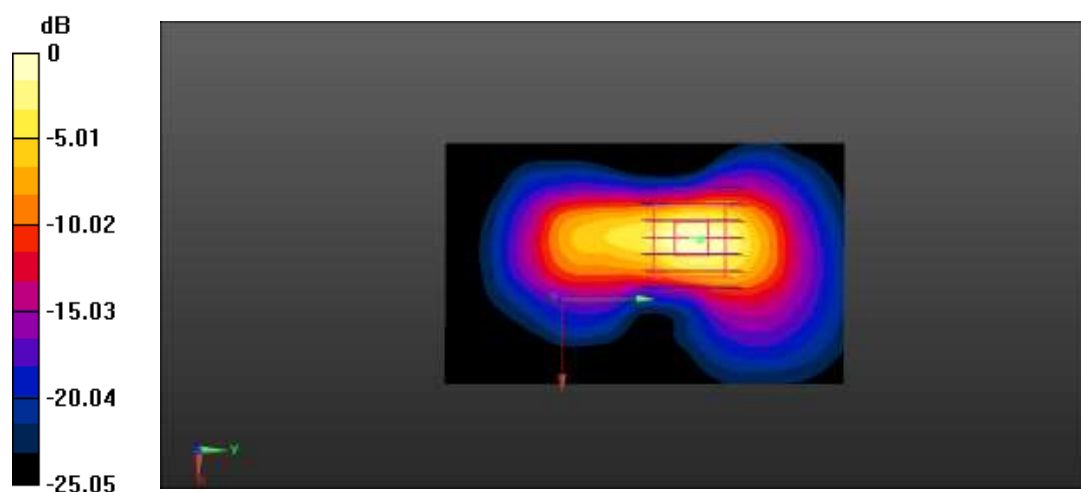
802.11b Body Top 1Mbps 11ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.77 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.685 W/kg; SAR(10 g) = 0.275 W/kg

Maximum value of SAR (measured) = 1.23 W/kg



0 dB = 1.23 W/kg = 0.90 dBW/kg

EUT Type: Mobile Phone
Ambient Temperature: 21.8 °C
Liquid Temperature: 21.7 °C
Test Date: 04/18/2025
Band: WLAN 5G Body/Hotspot SAR_Ant F
Plot No.: B20

Measurement Report for Device, EDGE LEFT, U-NII-1, U-NII-2A, IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), Channel 58 (5290.0 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	EDGE LEFT, 0.00	U-NII-1, U-NII-2A	WLAN, 10544-AAC	5290.0, 58	6.07	4.77	37.0

Hardware Setup

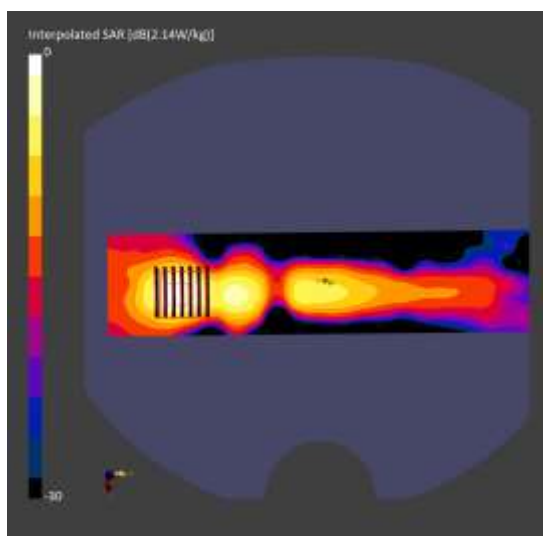
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7654, 2024-05-22	DAE4 Sn868, 2024-09-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.423	0.535
psSAR10g [W/Kg]	0.130	0.147
Power Drift [dB]	-0.04	-0.02



EUT Type: Mobile Phone
Ambient Temperature: 22.8 °C
Liquid Temperature: 22.6 °C
Test Date: 04/28/2025
Band: WLAN 6G Body/Hotspot SAR_Ant F
Plot No.: B21

Measurement Report for Device, EDGE LEFT, U-NII-5, IEEE 802.11ax (40MHz, MCS0, 99pc duty cycle), Channel 43 (6165.0 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	EDGE LEFT, 5.00	U-NII-5	WLAN, 10707-AAC	6165.0, 43	5.74	5.69	34.6

Hardware Setup

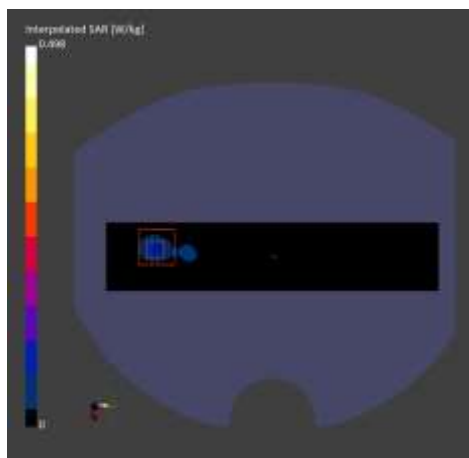
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7702, 2025-01-21	DAE4 Sn780, 2024-06-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	42.0 x 204.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	7.0 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.075	0.100
psSAR10g [W/kg]	0.021	0.025
psAPD (1.0cm2, sq) [W/m2]		1.00
psAPD (4.0cm2, sq) [W/m2]		0.596
Power Drift [dB]	-0.13	0.06



EUT Type: Mobile Phone
 Ambient Temperature: 21.5 °C
 Liquid Temperature: 21.4 °C
 Test Date: 04/23/2025
 Band: Bluetooth Body/Hotspot SAR_Ant G
 Plot No.: B22

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2402 \text{ MHz}$; $\sigma = 1.695 \text{ S/m}$; $\epsilon_r = 39.434$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ConvF(7.58, 7.23, 7.18) @ 2402 MHz; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Right_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Bluetooth Body Top DH5 0ch/Area Scan (61x101x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$

Maximum value of SAR (interpolated) = 0.804 W/kg

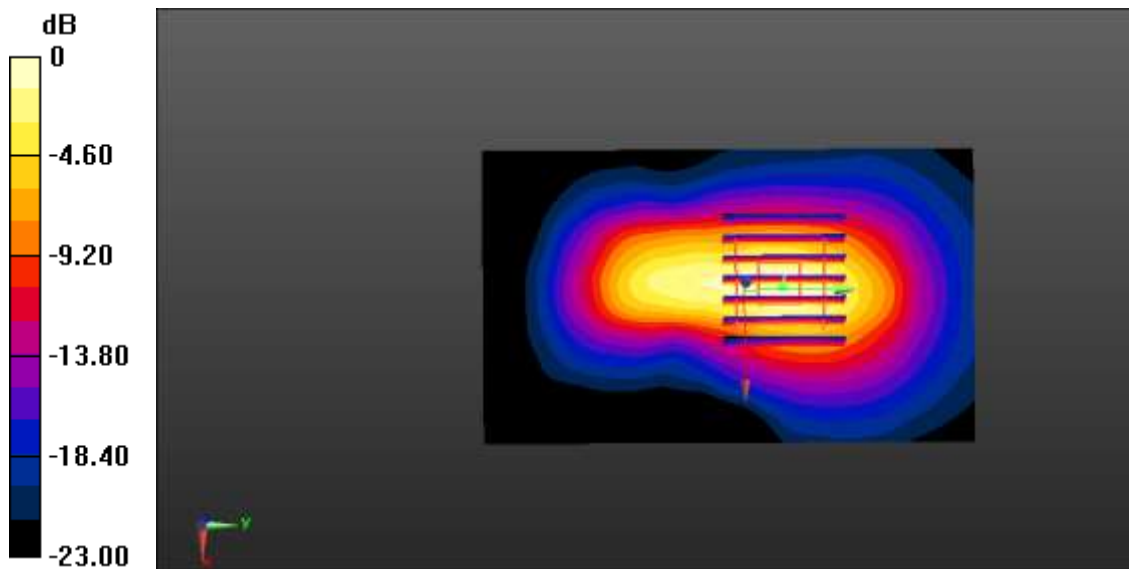
Bluetooth Body Top DH5 0ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.08 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.986 W/kg

SAR(1 g) = 0.488 W/kg; SAR(10 g) = 0.219 W/kg

Maximum value of SAR (measured) = 0.818 W/kg



0 dB = 0.818 W/kg = -0.87 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 22.5 °C
 Liquid Temperature: 22.5 °C
 Test Date: 04/14/2025
 Band: NFC Phablet SAR
 Plot No.: C1

Communication System: UID 0, NFC (0); Frequency: 13.56 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 14 \text{ MHz}$; $\sigma = 0.749 \text{ S/m}$; $\epsilon_r = 54.263$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

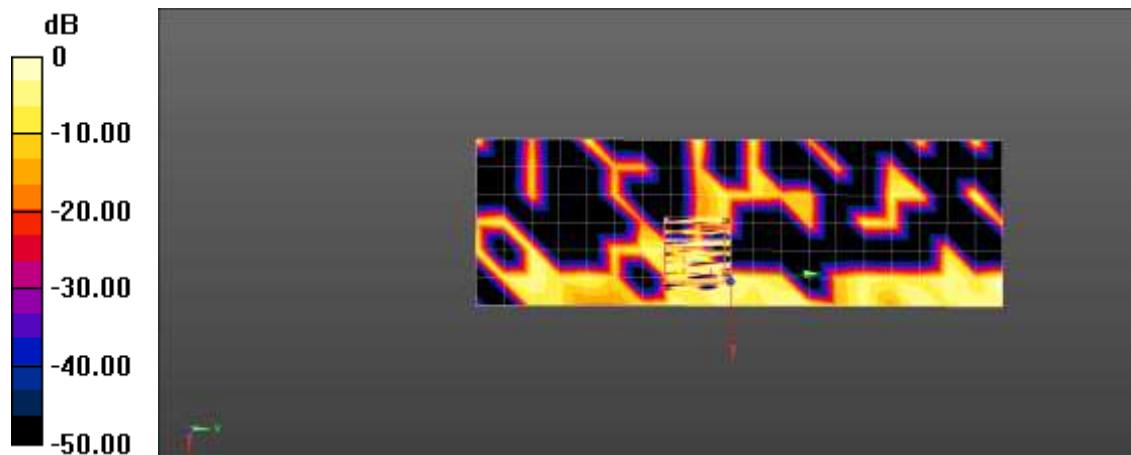
DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.8, 5.8, 5.8) @ 13.56 MHz; Calibrated: 2024-07-17
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NFC Phablet Left Type A 106kbps/Area Scan (7x20x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
 Maximum value of SAR (measured) = 0.000309 W/kg

NFC Phablet Left Type A 106kbps/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
 Reference Value = 0.1420 V/m; Power Drift = 0.00 dB
 Peak SAR (extrapolated) = 0.000244 W/kg
SAR(1 g) = 1.02e-006 W/kg; SAR(10 g) = 2.04e-007 W/kg

Maximum value of SAR (measured) = 0.000347 W/kg



0 dB = 0.000347 W/kg = -34.60 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 22.9 °C
 Liquid Temperature: 22.8 °C
 Test Date: 04/29/2025
 Band: WLAN 6G Absorbed Power Density Ant H
 Plot No.: D1
 Measurement Report for Device, CHEEK, U-NII-7, IEEE 802.11ax (40MHz, MCS0, 99pc duty cycle),
 Channel 179 (6845.0 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead, HSL	CHEEK, 0.00	U-NII-7	WLAN, 10707-AAC	6845.0, 179	5.74	6.61	33.5

Hardware Setup

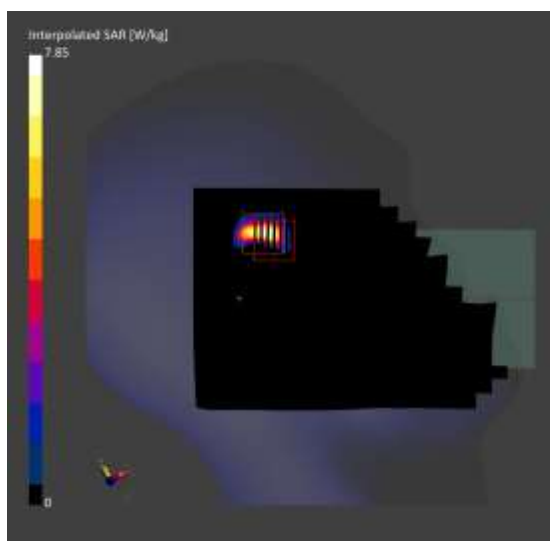
Phantom Probe, Calibration Date DAE, Calibration Date
 Twin-SAM V8.0 (30deg probe tilt) - xxxx EX3DV4 - SN7702, 2025-01-21 DAE4 Sn780, 2024-06-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	119.0 x 204.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.083	0.095
psSAR10g [W/kg]	0.020	0.039
psAPD (1.0cm2, sq) [W/m2]		0.954
psAPD (4.0cm2, sq) [W/m2]		0.617
Power Drift [dB]	0.11	-0.12



EUT Type: Mobile Phone
Ambient Temperature: 22.9 °C
Liquid Temperature: 22.8 °C
Test Date: 04/29/2025
Band: WLAN 6G Absorbed Power Density Ant F
Plot No.: D2
Measurement Report for Device, EDGE LEFT, U-NII-5, IEEE 802.11ax (40MHz, MCS0, 99pc duty cycle), Channel 43 (6165.0 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	EDGE LEFT, 5.00	U-NII-5	WLAN, 10707-AAC	6165.0, 43	5.74	5.69	34.6

Hardware Setup

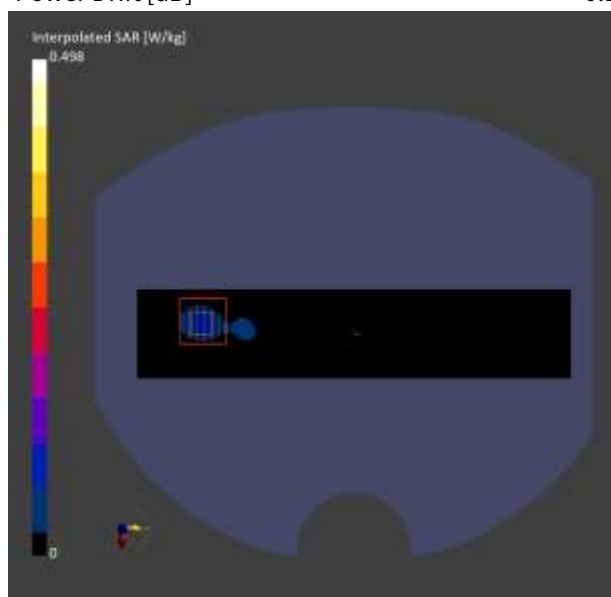
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7702, 2025-01-21	DAE4 Sn780, 2024-06-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	42.0 x 204.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	7.0 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.075	0.100
psSAR10g [W/kg]	0.021	0.025
psAPD (1.0cm2, sq) [W/m2]		1.00
psAPD (4.0cm2, sq) [W/m2]		0.596
Power Drift [dB]	-0.13	0.06



EUT Type: Mobile Phone
Ambient Temperature: 20.2 °C
Test Date: 04/10/2025
Band: WLAN 6G Power Density_Ant F
Plot No.: D3

Measurement Report for Device, EDGE LEFT, U-NII-5, IEEE 802.11ax (40MHz, MCS0, 99pc duty cycle), Channel 43 (6165.0 MHz)

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	EDGE LEFT, 2.00	U-NII-5	WLAN, 10707-AAC	6165.0, 43	1.0

Hardware Setup

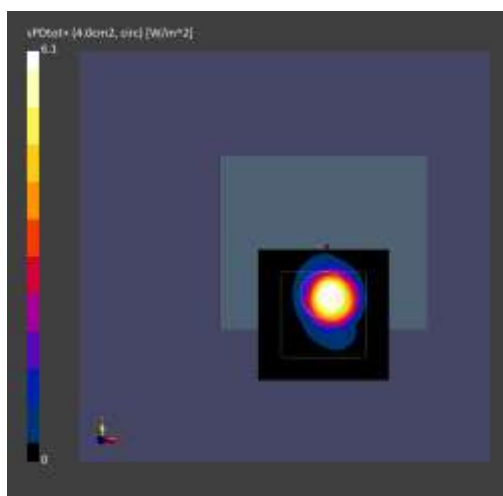
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - xxxx	Air -	EUmmWV4 - SN9528_F1-55GHz, 2024-05-17	DAE4 Sn868, 2024-09-19

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.04197655150333562 x 0.04197655150333562
Sensor Surface [mm]	2.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	3.22
psPDtot+ [W/m ²]	6.10
psPDmod+ [W/m ²]	8.36
E _{max} [V/m]	104
Power Drift [dB]	0.15



Appendix C. – Dipole Verification Plots

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.5
 Test Date: 04/14/2025
 Band: NFC
 Plot No.: V1

Communication System: UID 0, NFC (0); Frequency: 13 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 13 \text{ MHz}$; $\sigma = 0.719 \text{ S/m}$; $\epsilon_r = 53.898$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

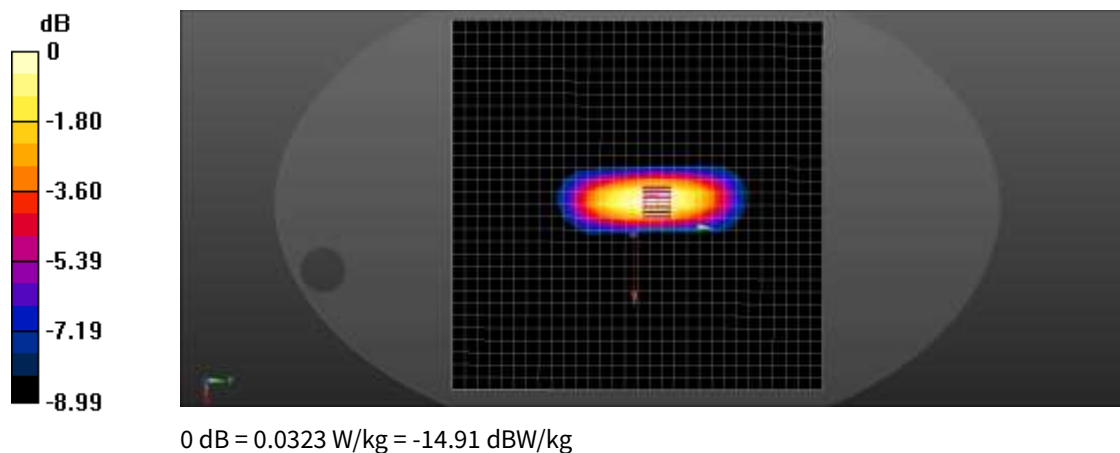
DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.8, 5.8, 5.8) @ 13 MHz; Calibrated: 2024-07-17
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

13MHz Head Verification/Area Scan (31x31x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
 Maximum value of SAR (measured) = 0.0303 W/kg

13MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
 Reference Value = 6.464 V/m; Power Drift = 0.09 dB
 Peak SAR (extrapolated) = 0.0560 W/kg
SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.017 W/kg

Maximum value of SAR (measured) = 0.0323 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.0
 Test Date: 04/10/2025
 Band: LTE FDD Band 12 Ant A
 Plot No.: V2

Measurement Report for Device, , , CW, Channel 0 (750.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0--	750.000, 0	9.73	0.881	43.0

Hardware Setup

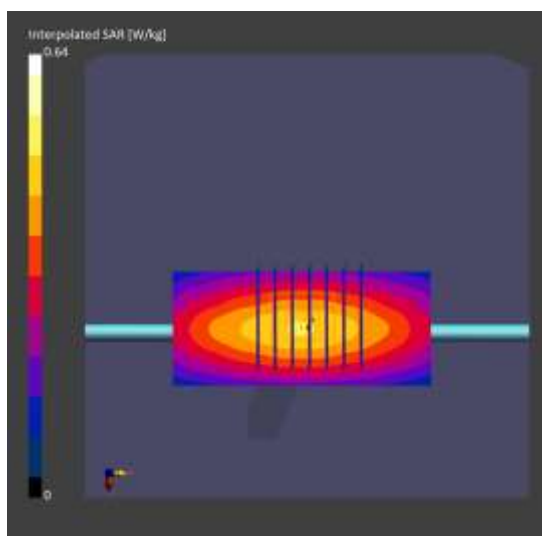
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7732, 2024-06-19	DAE4 Sn1254, 2024-05-16

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.423	0.424
psSAR10g [W/kg]	0.281	0.282
Power Drift [dB]	0.00	0.03



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.6
 Test Date: 04/21/2025
 Band: LTE FDD Band 12 Ant E
 Plot No.: V3

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.89 \text{ S/m}$; $\epsilon_r = 42.166$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

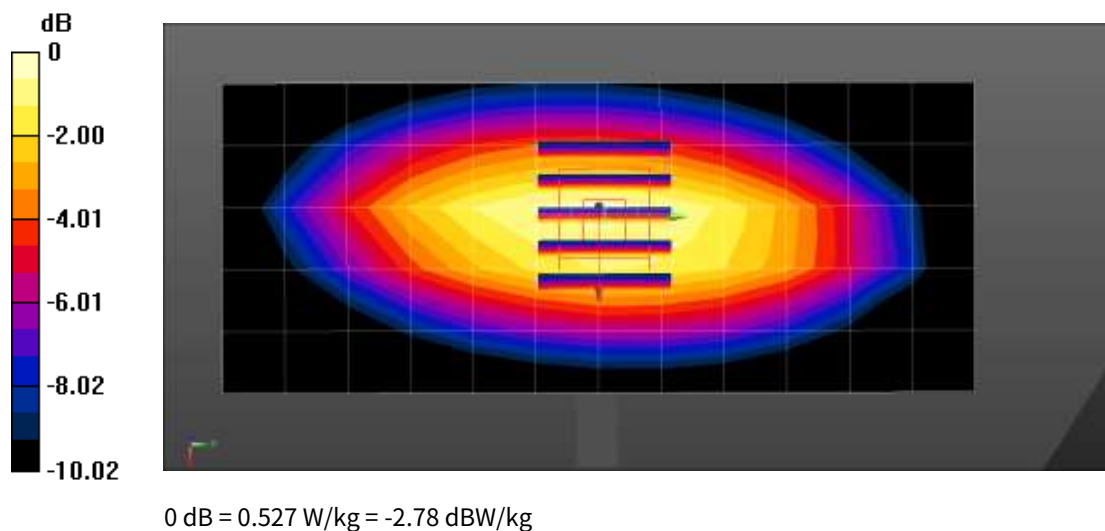
DASY5 Configuration:

- Probe: EX3DV4 - SN7622; ConvF(10.22, 9.73, 10.28) @ 750 MHz; Calibrated: 2024-11-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn869; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 Right; Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

750MHz Head Verification/Area Scan (6x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.489 W/kg

750MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 25.66 V/m; Power Drift = -0.03 dB
 Peak SAR (extrapolated) = 0.577 W/kg
SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.272 W/kg

Maximum value of SAR (measured) = 0.527 W/kg



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 21.1
Test Date: 04/11/2025
Band: LTE FDD Band 13 Ant A
Plot No.: V4

Measurement Report for Device, , , CW, Channel 0 (750.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0--	750.000, 0	9.73	0.906	42.2

Hardware Setup

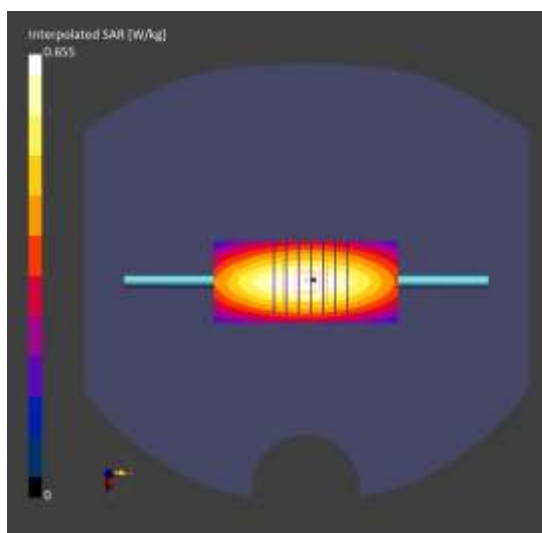
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7732, 2024-06-19	DAE4 Sn1254, 2024-05-16

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.439	0.440
psSAR10g [W/Kg]	0.292	0.293
Power Drift [dB]	-0.00	-0.00



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.4
 Test Date: 04/17/2025
 Band: LTE FDD Band 13 Ant E
 Plot No.: V5

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.893 \text{ S/m}$; $\epsilon_r = 42.216$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

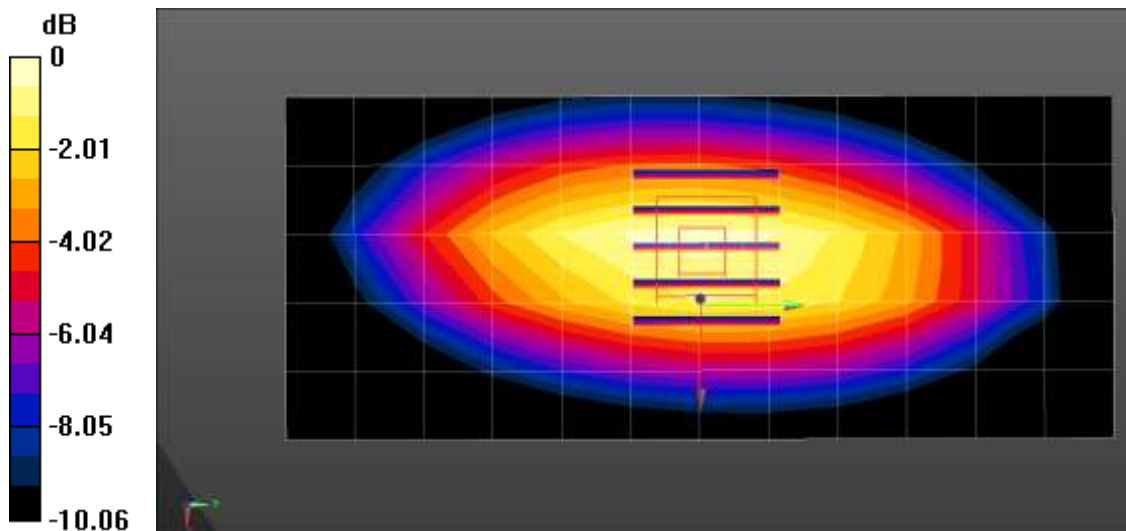
DASY5 Configuration:

- Probe: EX3DV4 - SN7622; ConvF(10.22, 9.73, 10.28) @ 750 MHz; Calibrated: 2024-11-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn869; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 Right; Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

750MHz Head Verification/Area Scan (6x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.493 W/kg

750MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 25.64 V/m; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 0.578 W/kg
SAR(1 g) = 0.407 W/kg; SAR(10 g) = 0.272 W/kg

Maximum value of SAR (measured) = 0.528 W/kg



0 dB = 0.528 W/kg = -2.77 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.0
 Test Date: 03/26/2025
 Band: GSM850 Ant A
 Plot No.: V6

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 830 \text{ MHz}$; $\sigma = 0.923 \text{ S/m}$; $\epsilon_r = 42.354$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

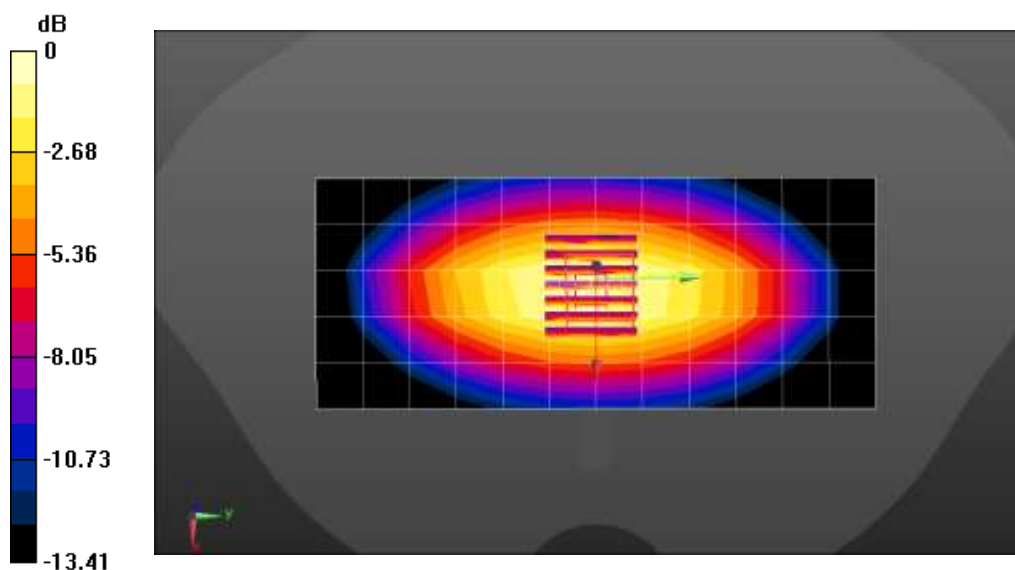
DASY Configuration:

- Probe: EX3DV4 - SN7622; ConvF(9.82, 9.35, 9.87) @ 835 MHz;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2024-04-19
- Phantom: Twin-SAM V4.0 Right
- Measurement SW: DASY52, Version 52.10 (4);

835MHz Head Verification/Area Scan (6x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.564 W/kg

835MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=4\text{mm}$
 Reference Value = 28.49 V/m; Power Drift = 0.06 dB
 Peak SAR (extrapolated) = 0.778 W/kg
SAR(1 g) = 0.512 W/kg; SAR(10 g) = 0.318 W/kg

Maximum value of SAR (measured) = 0.657 W/kg



0 dB = 0.657 W/kg = -1.82 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.6
 Test Date: 04/20/2025
 Band: GSM850 Ant E
 Plot No.: V7

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 835 \text{ MHz}$; $\sigma = 0.908 \text{ S/m}$; $\epsilon_r = 43.177$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7622; ConvF(9.82, 9.35, 9.87) @ 835 MHz; Calibrated: 2024-11-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn869; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 Right; Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

835MHz Head Verification/Area Scan (6x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.519 W/kg

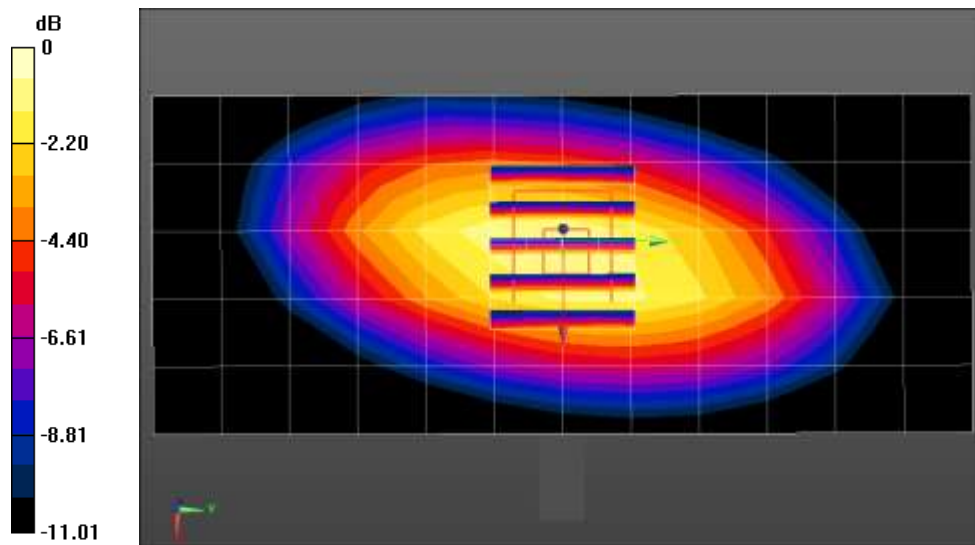
835MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.92 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.694 W/kg

SAR(1 g) = 0.474 W/kg; SAR(10 g) = 0.310 W/kg

Maximum value of SAR (measured) = 0.627 W/kg



0 dB = 0.627 W/kg = -2.03 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.2
 Test Date: 03/13/2025
 Band: UMTS Band 5 Ant A
 Plot No.: V8

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 830 \text{ MHz}$; $\sigma = 0.892 \text{ S/m}$; $\epsilon_r = 42.446$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

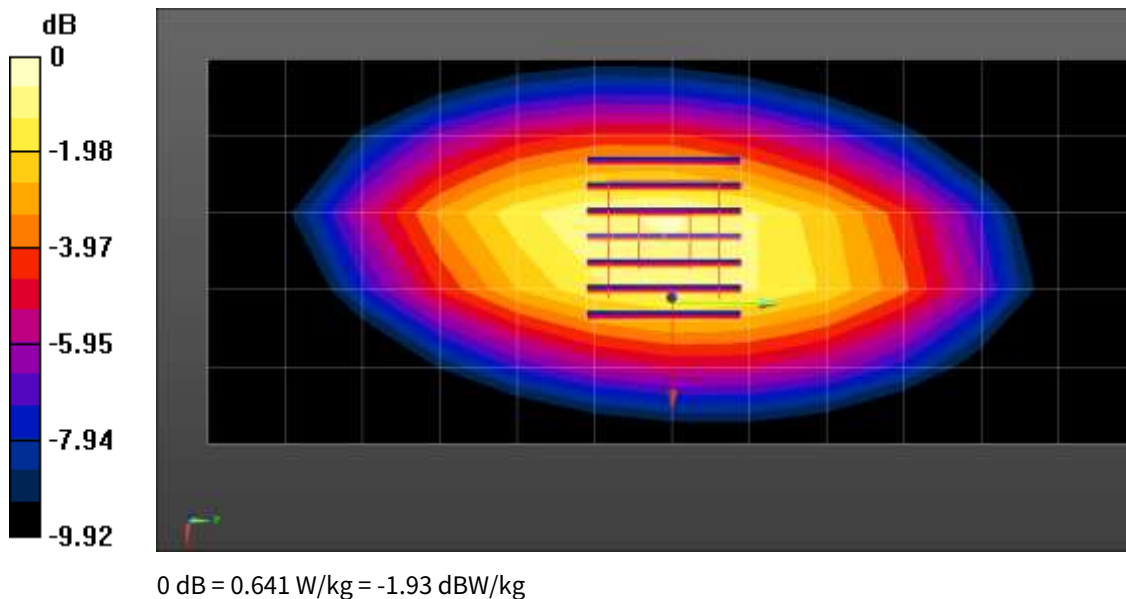
DASY5 Configuration:

- Probe: EX3DV4 - SN7622; ConvF(9.82, 9.35, 9.87) @ 835 MHz; Calibrated: 2024-11-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2024-04-19
- Phantom: Twin-SAM V4.0 Right; Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

835MHz Head Verification/Area Scan (6x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.563 W/kg

835MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=4\text{mm}$
 Reference Value = 29.30 V/m; Power Drift = -0.10 dB
 Peak SAR (extrapolated) = 0.702 W/kg
SAR(1 g) = 0.492 W/kg; SAR(10 g) = 0.326 W/kg

Maximum value of SAR (measured) = 0.641 W/kg



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 22.1
Test Date: 04/28/2025
Band: UMTS Band 5 Ant E
Plot No.: V9

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0--	835.000, 0	9.55	0.912	43.1

Hardware Setup

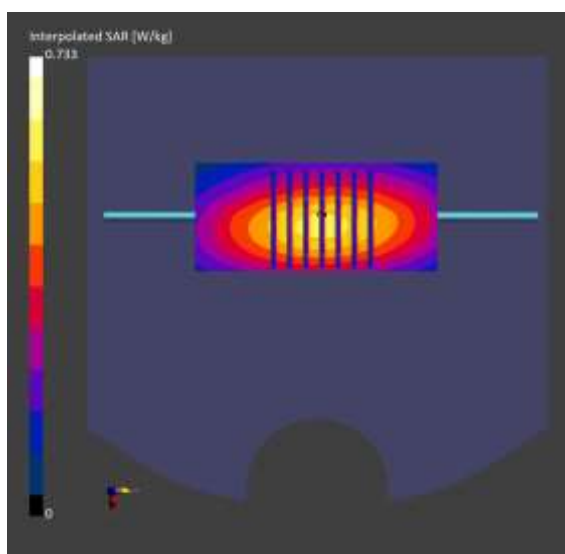
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7732, 2024-06-19	DAE4 Sn1254, 2024-05-16

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.501	0.501
psSAR10g [W/Kg]	0.333	0.337
Power Drift [dB]	-0.01	0.02



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.4
 Test Date: 03/31/2025
 Band: LTE FDD Band 5 Ant A
 Plot No.: V10

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 835 \text{ MHz}$; $\sigma = 0.925 \text{ S/m}$; $\epsilon_r = 42.245$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

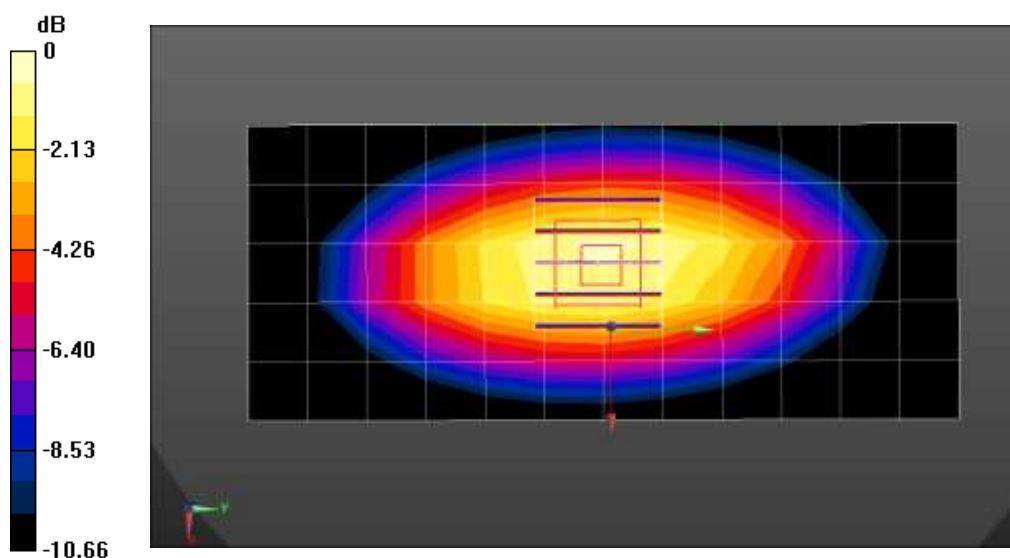
DASY Configuration:

- Probe: EX3DV4 - SN7622; ConvF(9.82, 9.35, 9.87) @ 835 MHz;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2024-04-19
- Phantom: Twin-SAM V4.0 Right
- Measurement SW: DASY52, Version 52.10 (4);

835MHz Head Verification/Area Scan (6x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$.
 Maximum value of SAR (measured) = 0.593 W/kg

835MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 28.55 V/m; Power Drift = -0.00 dB
 Peak SAR (extrapolated) = 0.732 W/kg
SAR(1 g) = 0.505 W/kg; SAR(10 g) = 0.332 W/kg

Maximum value of SAR (measured) = 0.661 W/kg



0 dB = 0.661 W/kg = -1.80 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.7
 Test Date: 04/15/2025
 Band: LTE FDD Band 5 Ant E
 Plot No.: V11

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 835 \text{ MHz}$; $\sigma = 0.916 \text{ S/m}$; $\epsilon_r = 42.187$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

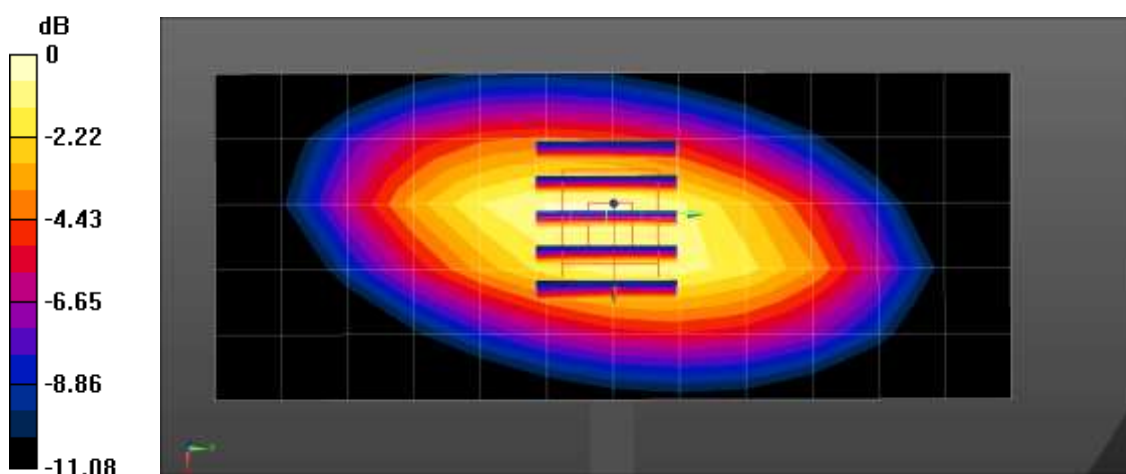
DASY5 Configuration:

- Probe: EX3DV4 - SN7622; ConvF(9.82, 9.35, 9.87) @ 835 MHz; Calibrated: 2024-11-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn869; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 Right; Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

835MHz Head Verification/Area Scan (6x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.538 W/kg

835MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 28.56 V/m; Power Drift = -0.17 dB
 Peak SAR (extrapolated) = 0.674 W/kg
SAR(1 g) = 0.460 W/kg; SAR(10 g) = 0.300 W/kg

Maximum value of SAR (measured) = 0.610 W/kg



0 dB = 0.610 W/kg = -2.15 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 23.1
 Test Date: 04/01/2025
 Band: LTE FDD Band 26 Ant A
 Plot No.: V12

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 835 \text{ MHz}$; $\sigma = 0.942 \text{ S/m}$; $\epsilon_r = 41.565$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7622; ConvF(9.82, 9.35, 9.87) @ 835 MHz;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2024-04-19
- Phantom: Twin-SAM V4.0 Right
- Measurement SW: DASY52, Version 52.10 (4);

835MHz Head Verification/Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.602 W/kg

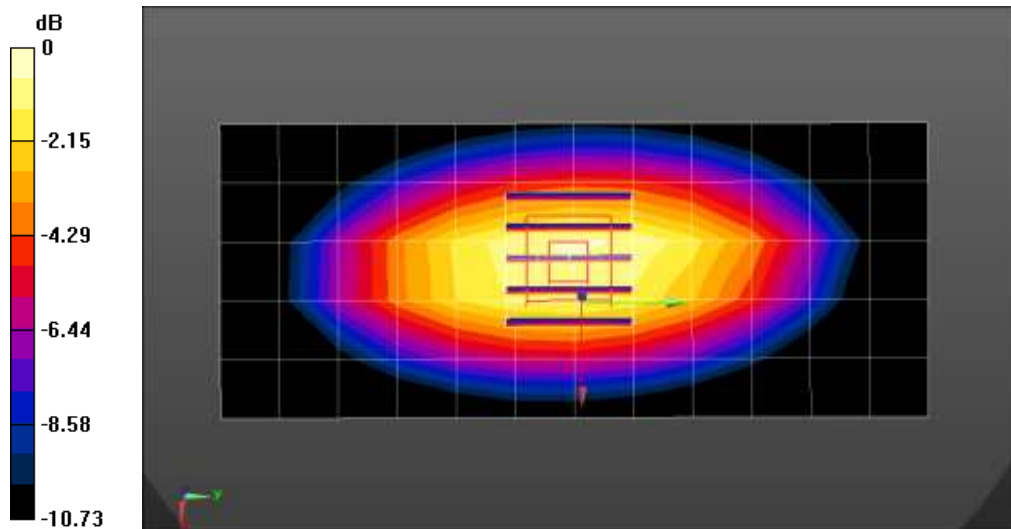
835MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.58 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.751 W/kg

SAR(1 g) = 0.512 W/kg; SAR(10 g) = 0.336 W/kg

Maximum value of SAR (measured) = 0.677 W/kg



0 dB = 0.677 W/kg = -1.69 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.6
 Test Date: 04/16/2025
 Band: LTE FDD Band 26 Ant E
 Plot No.: V13

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 835 \text{ MHz}$; $\sigma = 0.893 \text{ S/m}$; $\epsilon_r = 42.28$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

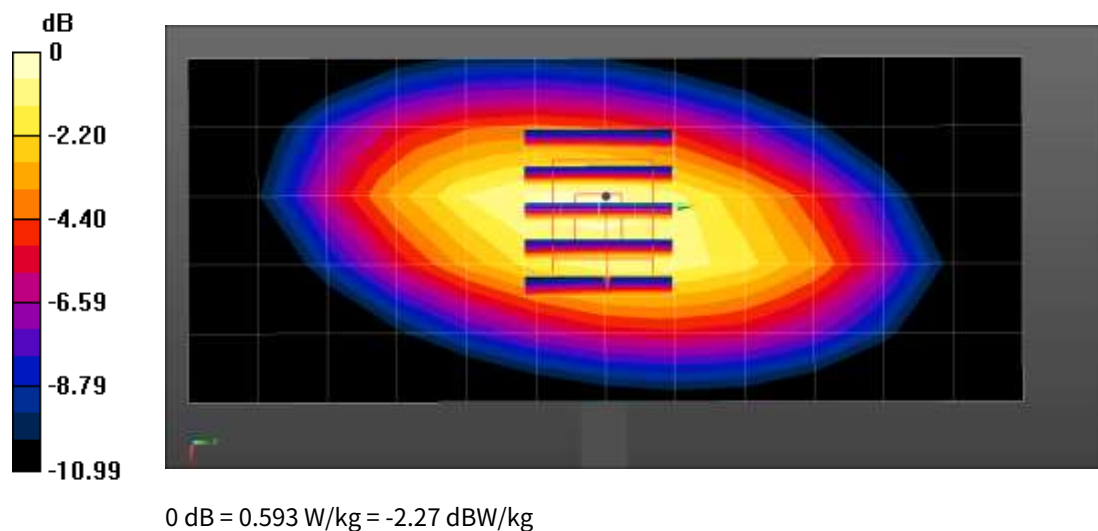
DASY5 Configuration:

- Probe: EX3DV4 - SN7622; ConvF(9.82, 9.35, 9.87) @ 835 MHz; Calibrated: 2024-11-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn869; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 Right; Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

835MHz Head Verification/Area Scan (6x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.528 W/kg

835MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 27.51 V/m; Power Drift = -0.04 dB
 Peak SAR (extrapolated) = 0.655 W/kg
SAR(1 g) = 0.449 W/kg; SAR(10 g) = 0.294 W/kg

Maximum value of SAR (measured) = 0.593 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.1
 Test Date: 03/20/2025
 Band: UMTS Band 4 Ant B
 Plot No.: V14

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.355 \text{ S/m}$; $\epsilon_r = 40.878$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

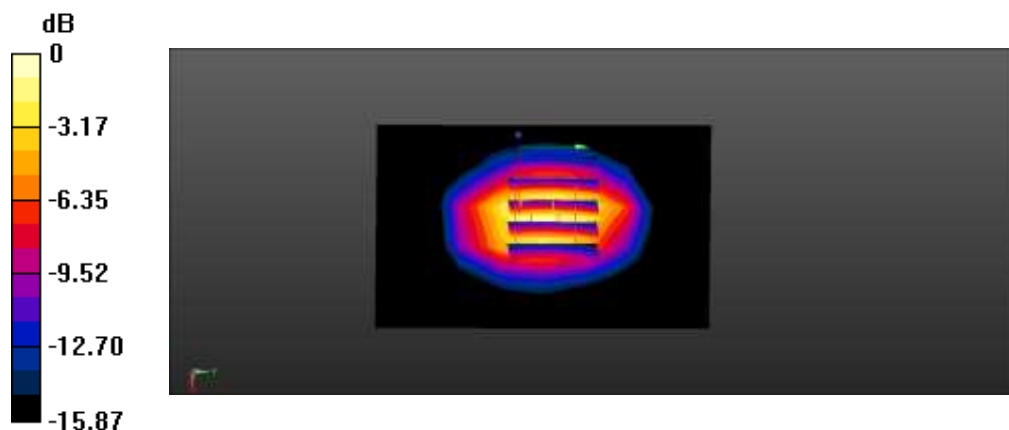
DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ConvF(8.48, 8.09, 8.04) @ 1800 MHz; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

1800MHz Head Verification/Area Scan (6x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 2.33 W/kg

1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 46.05 V/m; Power Drift = 0.05 dB
 Peak SAR (extrapolated) = 3.09 W/kg
SAR(1 g) = 1.9 W/kg; SAR(10 g) = 1.05 W/kg

Maximum value of SAR (measured) = 2.70 W/kg



0 dB = 2.70 W/kg = 4.31 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.4
 Test Date: 04/26/2025
 Band: UMTS Band 4 Ant I
 Plot No.: V15

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.368 \text{ S/m}$; $\epsilon_r = 41.218$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

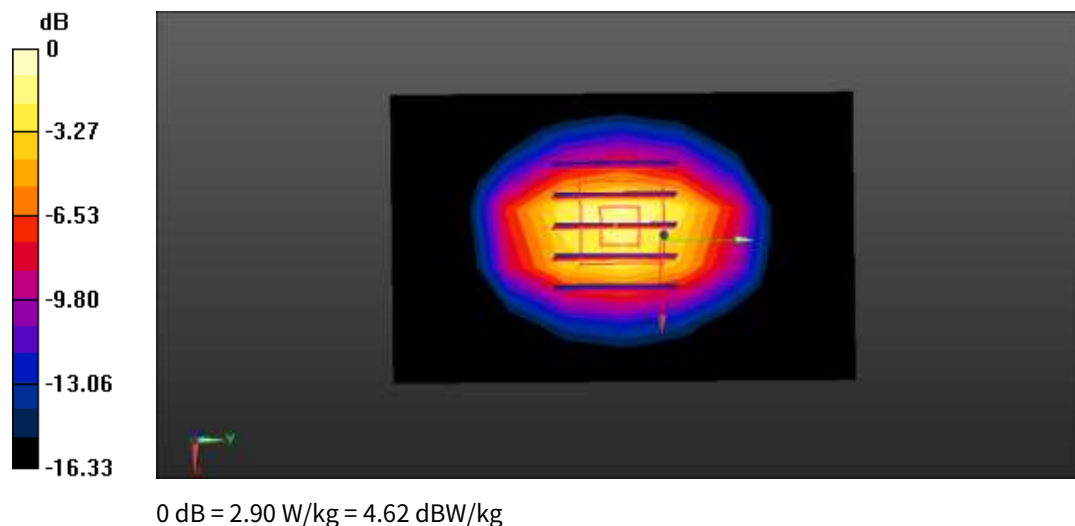
DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ConvF(8.48, 8.09, 8.04) @ 1800 MHz; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

1800MHz Head Verification/Area Scan (6x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 2.36 W/kg

1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 48.21 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 3.30 W/kg
SAR(1 g) = 1.98 W/kg; SAR(10 g) = 1.08 W/kg

Maximum value of SAR (measured) = 2.90 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.2
 Test Date: 03/18/2025
 Band: LTE FDD Band 66 Ant B
 Plot No.: V16

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.366 \text{ S/m}$; $\epsilon_r = 40.562$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

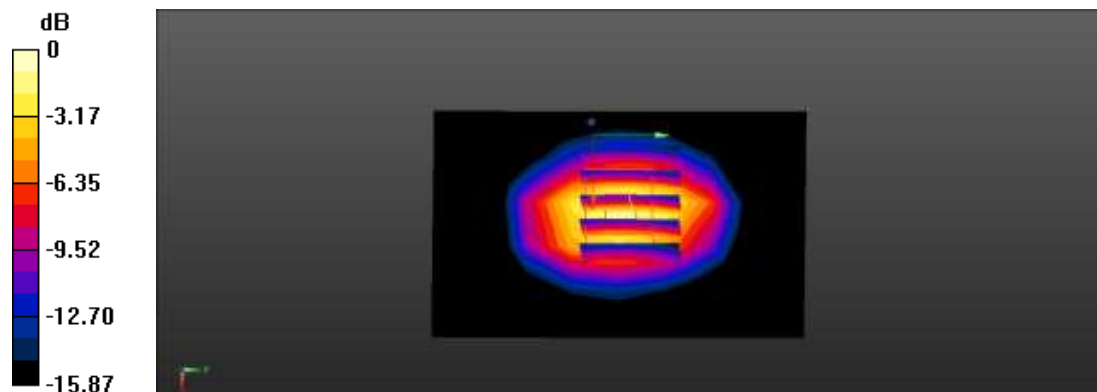
DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ConvF(8.48, 8.09, 8.04) @ 1800 MHz; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

1800MHz Head Verification/Area Scan (6x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 2.35 W/kg

1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 46.08 V/m; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 3.13 W/kg
SAR(1 g) = 1.92 W/kg; SAR(10 g) = 1.06 W/kg

Maximum value of SAR (measured) = 2.73 W/kg



0 dB = 2.73 W/kg = 4.36 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.2
 Test Date: 04/27/2025
 Band: LTE FDD Band 66 Ant I
 Plot No.: V17

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1800$ MHz; $\sigma = 1.382$ S/m; $\epsilon_r = 41.375$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

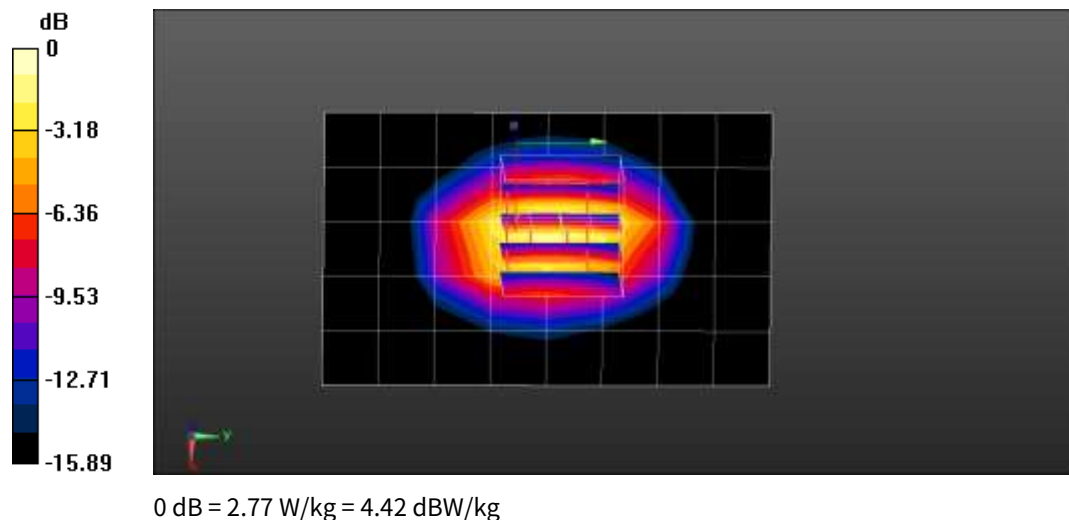
DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ConvF(8.48, 8.09, 8.04) @ 1800 MHz; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

1800MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.37 W/kg

1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 46.08 V/m; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 3.16 W/kg
SAR(1 g) = 1.94 W/kg; SAR(10 g) = 1.08 W/kg

Maximum value of SAR (measured) = 2.77 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.8
 Test Date: 03/24/2025
 Band: GSM1900 Ant B
 Plot No.: V18

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.395 \text{ S/m}$; $\epsilon_r = 39.548$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

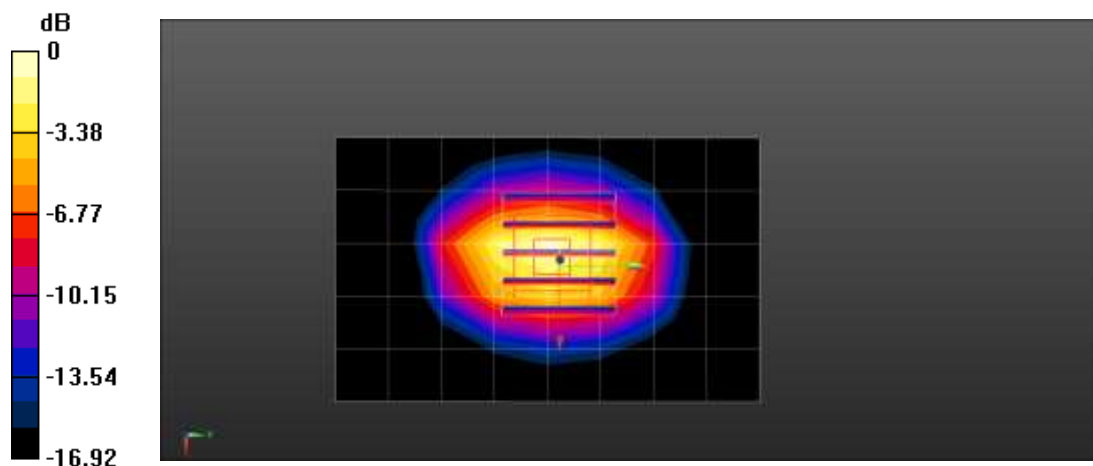
DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Front_2011217
- Measurement SW: DASY52, Version 52.10 (4);

1900MHz Head Verification/Area Scan (6x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 2.57 W/kg

1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 46.81 V/m; Power Drift = 0.07 dB
 Peak SAR (extrapolated) = 3.37 W/kg
SAR(1 g) = 2 W/kg; SAR(10 g) = 1.08 W/kg

Maximum value of SAR (measured) = 2.94 W/kg



0 dB = 2.94 W/kg = 4.68 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.3
 Test Date: 03/19/2025
 Band: UMTS Band 2 Ant B
 Plot No.: V19

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.417$ S/m; $\epsilon_r = 40.216$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

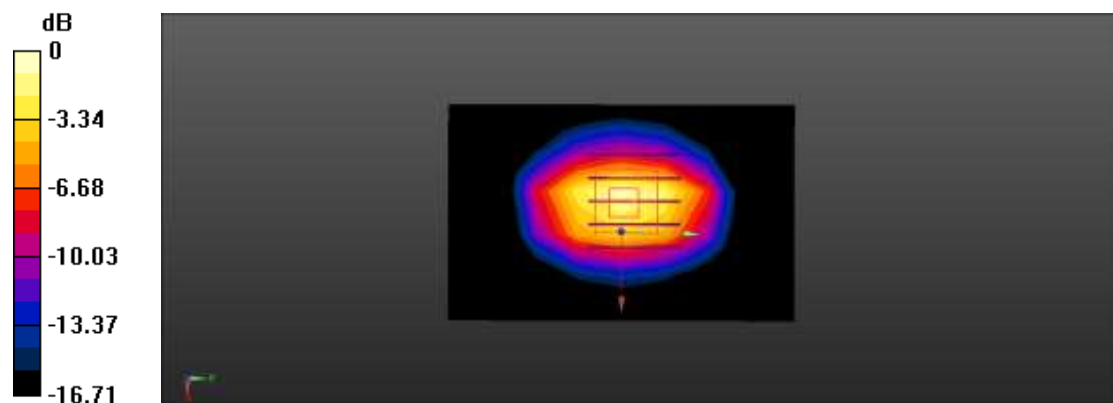
DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ConvF(8.2, 7.82, 7.77) @ 1900 MHz; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

1900MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.53 W/kg

1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 46.79 V/m; Power Drift = 0.05 dB
 Peak SAR (extrapolated) = 3.38 W/kg
SAR(1 g) = 2.03 W/kg; SAR(10 g) = 1.1 W/kg

Maximum value of SAR (measured) = 2.94 W/kg



0 dB = 2.94 W/kg = 4.68 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.5
 Test Date: 04/25/2025
 Band: UMTS Band 2 Ant I
 Plot No.: V20

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.447 \text{ S/m}$; $\epsilon_r = 38.926$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

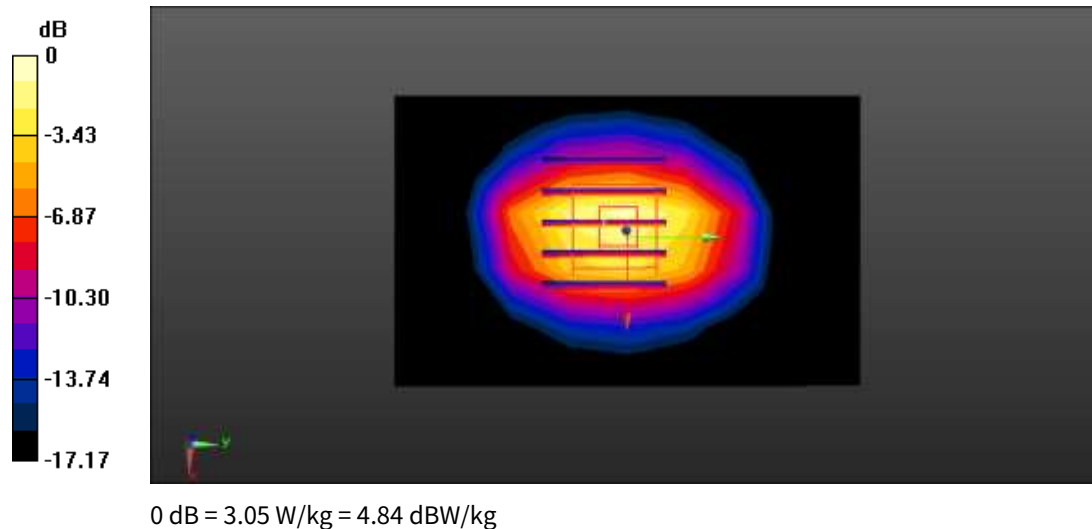
DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ConvF(8.2, 7.82, 7.77) @ 1900 MHz; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

1900MHz Head Verification/Area Scan (6x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 2.51 W/kg

1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 47.94 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 3.52 W/kg
SAR(1 g) = 2.1 W/kg; SAR(10 g) = 1.14 W/kg

Maximum value of SAR (measured) = 3.05 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.0
 Test Date: 03/17/2025
 Band: LTE FDD Band 25 Ant B
 Plot No.: V21

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.381$ S/m; $\epsilon_r = 39.919$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

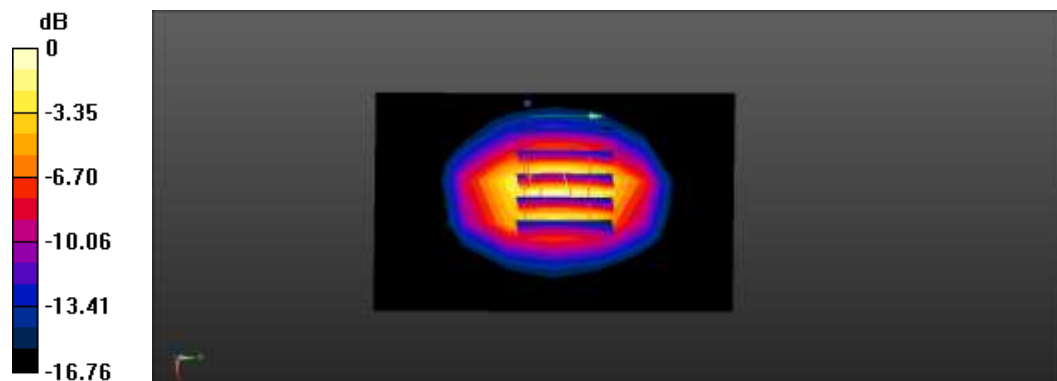
DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ConvF(8.2, 7.82, 7.77) @ 1900 MHz; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

1900MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.46 W/kg

1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 46.83 V/m; Power Drift = 0.08 dB
 Peak SAR (extrapolated) = 3.29 W/kg
SAR(1 g) = 1.98 W/kg; SAR(10 g) = 1.07 W/kg

Maximum value of SAR (measured) = 2.86 W/kg



0 dB = 2.86 W/kg = 4.56 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.1
 Test Date: 04/21/2025
 Band: LTE FDD Band 25 Ant I
 Plot No.: V22

Measurement Report for Device, , , CW, Channel 0 (1900.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0--	1900.000, 0	7.45	1.38	40.3

Hardware Setup

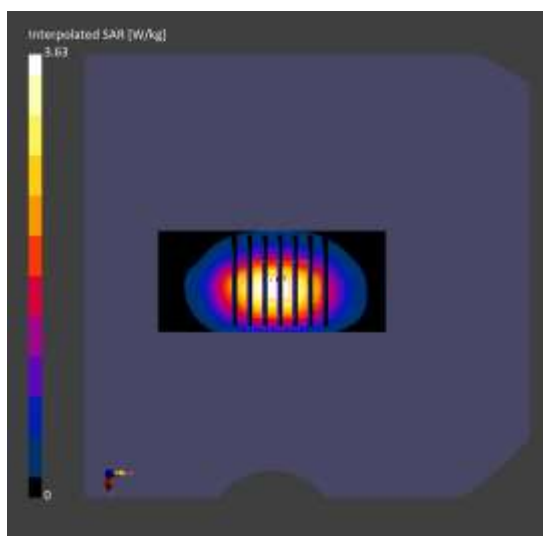
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7732, 2024-06-19	DAE4 Sn1254, 2024-05-16

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	2.04	2.00
psSAR10g [W/kg]	1.08	1.07
Power Drift [dB]	-0.00	-0.04



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.7
 Test Date: 04/30/2025
 Band: WLAN 2.4G SISO Ant
 Plot No.: V23

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2450 \text{ MHz}$; $\sigma = 1.755 \text{ S/m}$; $\epsilon_r = 40.078$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

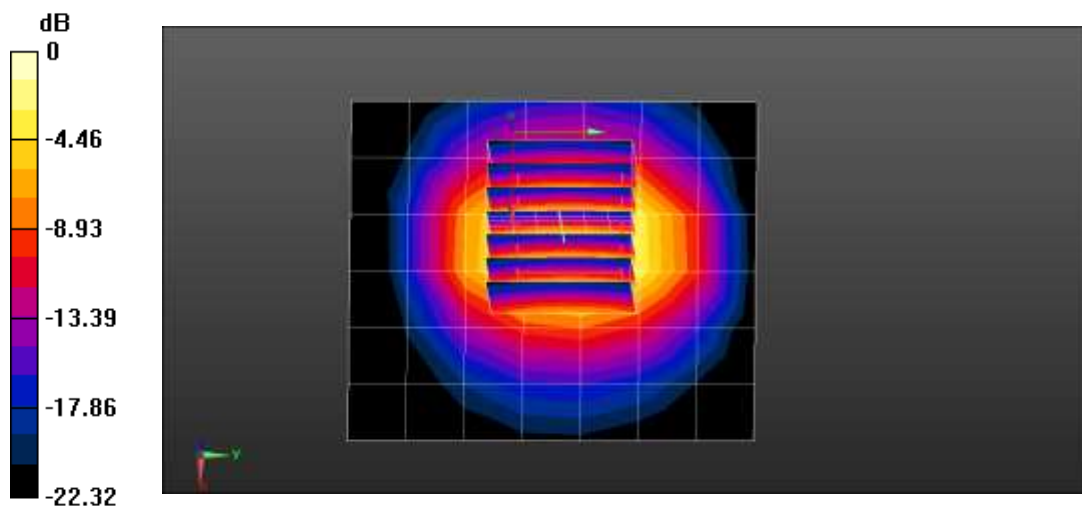
DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ConvF(7.58, 7.23, 7.18) @ 2450 MHz; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Right_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2450MHz Head Verification/Area Scan (7x8x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
 Maximum value of SAR (measured) = 3.24 W/kg

2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 44.50 V/m; Power Drift = 0.16 dB
 Peak SAR (extrapolated) = 5.20 W/kg
SAR(1 g) = 2.59 W/kg; SAR(10 g) = 1.2 W/kg

Maximum value of SAR (measured) = 4.26 W/kg



0 dB = 4.26 W/kg = 6.29 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.8
 Test Date: 05/01/2025
 Band: WLAN 2.4G MIMO Ant
 Plot No.: V24

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2450 \text{ MHz}$; $\sigma = 1.74 \text{ S/m}$; $\epsilon_r = 40.208$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

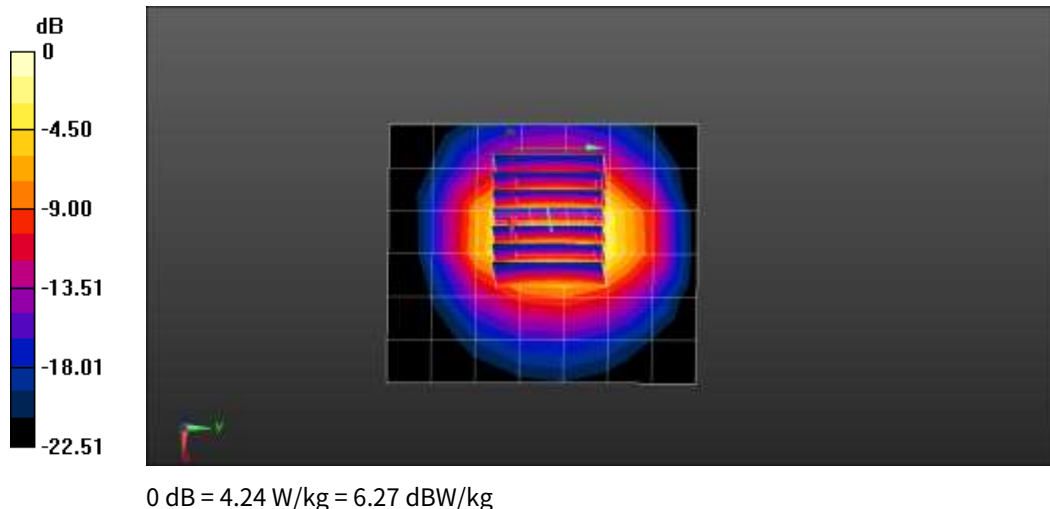
DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ConvF(7.58, 7.23, 7.18) @ 2450 MHz; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Right_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2450MHz Head Verification/Area Scan (7x8x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
 Maximum value of SAR (measured) = 3.20 W/kg

2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 44.73 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 5.17 W/kg
SAR(1 g) = 2.57 W/kg; SAR(10 g) = 1.19 W/kg

Maximum value of SAR (measured) = 4.24 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.4
 Test Date: 04/23/2025
 Band: Bluetooth SISO Ant
 Plot No.: V25

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.758$ S/m; $\epsilon_r = 40.108$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

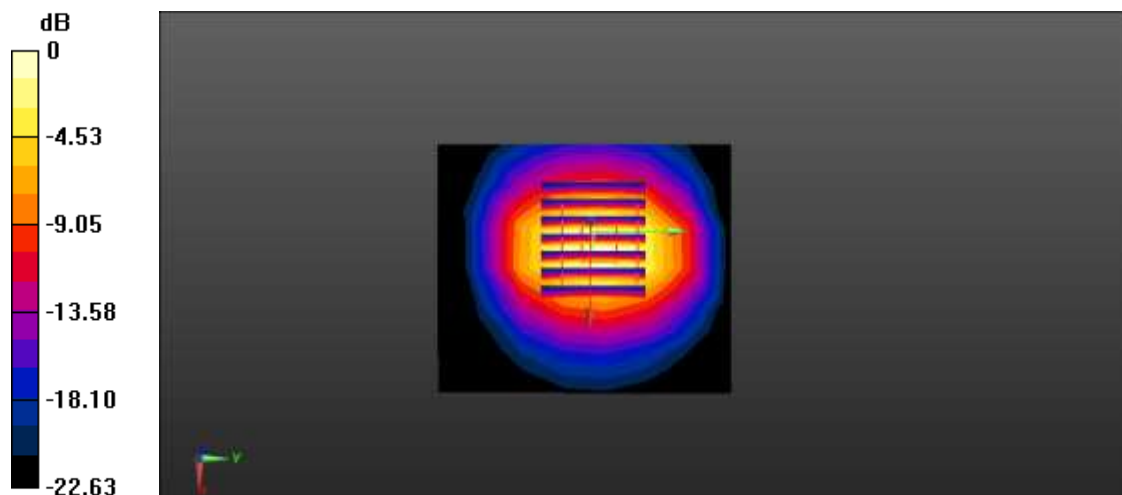
DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ConvF(7.58, 7.23, 7.18) @ 2450 MHz; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Right_2011217; Type: QD0P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2450MHz Head Verification/Area Scan (7x8x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.22 W/kg

2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 44.55 V/m; Power Drift = 0.13 dB
 Peak SAR (extrapolated) = 5.17 W/kg
SAR(1 g) = 2.59 W/kg; SAR(10 g) = 1.2 W/kg

Maximum value of SAR (measured) = 4.25 W/kg



0 dB = 4.25 W/kg = 6.28 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.6
 Test Date: 04/24/2025
 Band: Bluetooth MIMO Ant
 Plot No.: V26

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.828$ S/m; $\epsilon_r = 39.488$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

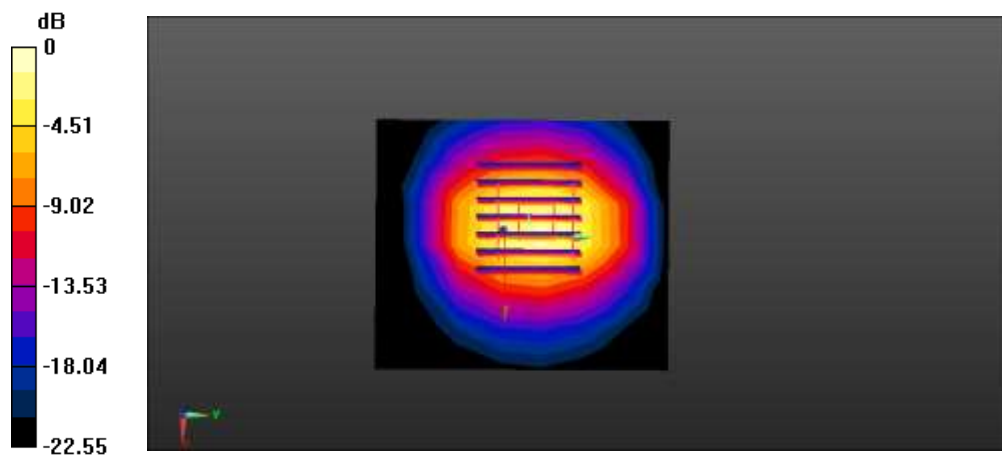
DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ConvF(7.58, 7.23, 7.18) @ 2450 MHz; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Right_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2450MHz Head Verification/Area Scan (7x8x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.32 W/kg

2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 44.55 V/m; Power Drift = 0.16 dB
 Peak SAR (extrapolated) = 5.42 W/kg
SAR(1 g) = 2.7 W/kg; SAR(10 g) = 1.25 W/kg

Maximum value of SAR (measured) = 4.43 W/kg



0 dB = 4.43 W/kg = 6.46 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.3
 Test Date: 04/09/2025
 Band: LTE TDD Band 41 Ant B Close
 Plot No.: V27

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.03$ S/m; $\epsilon_r = 38.385$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

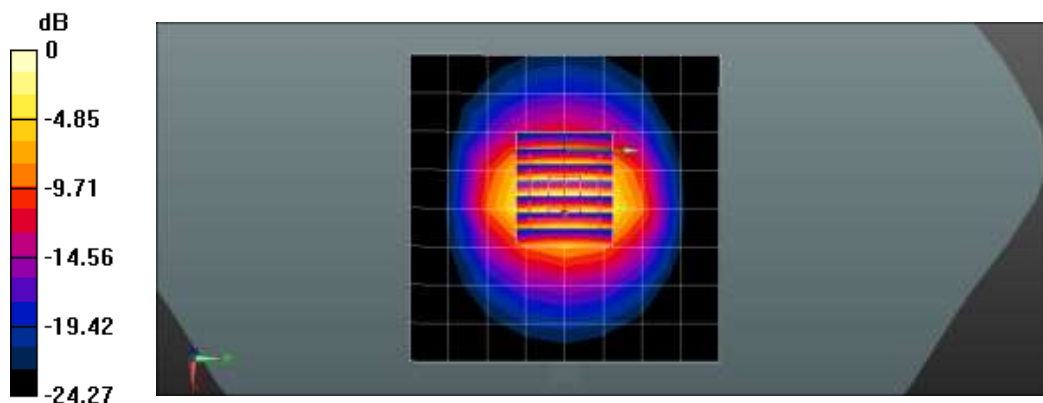
DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.54, 7.86, 7.15) @ 2600 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Right; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2600MHz Head Verification/Area Scan (9x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 4.34 W/kg

2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 49.25 V/m; Power Drift = 0.12 dB
 Peak SAR (extrapolated) = 5.93 W/kg
SAR(1 g) = 2.82 W/kg; SAR(10 g) = 1.25 W/kg

Maximum value of SAR (measured) = 4.83 W/kg



0 dB = 4.83 W/kg = 6.84 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.6
 Test Date: 04/08/2025
 Band: LTE TDD Band 41 Ant B Open
 Plot No.: V28

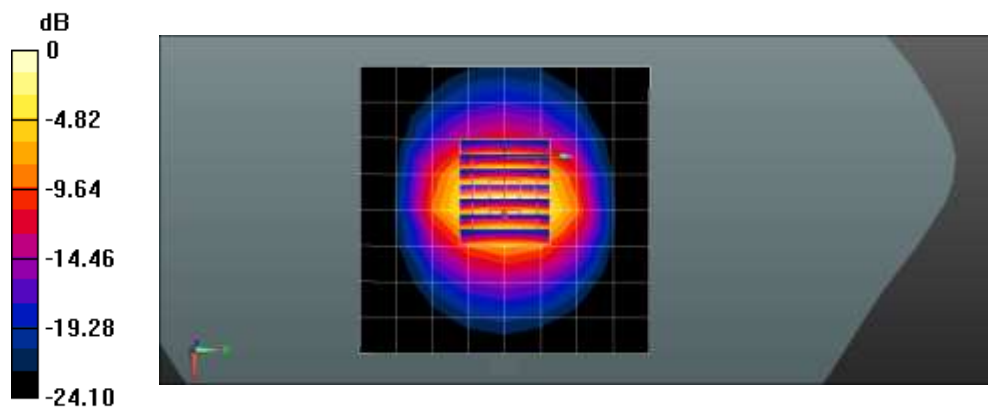
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.011$ S/m; $\epsilon_r = 38.605$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.54, 7.86, 7.15) @ 2600 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Right; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2600MHz Head Verification/Area Scan (9x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 4.31 W/kg

2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 49.21 V/m; Power Drift = 0.15 dB
 Peak SAR (extrapolated) = 5.93 W/kg
SAR(1 g) = 2.8 W/kg; SAR(10 g) = 1.24 W/kg
 Smallest distance from peaks to all points 3 dB below = 9 mm
 Ratio of SAR at M2 to SAR at M1 = 47.3%
 Maximum value of SAR (measured) = 4.83 W/kg



0 dB = 4.83 W/kg = 6.84 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.5
 Test Date: 04/16/2025
 Band: LTE TDD Band 41 Ant I Close
 Plot No.: V29

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.06$ S/m; $\epsilon_r = 38.053$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

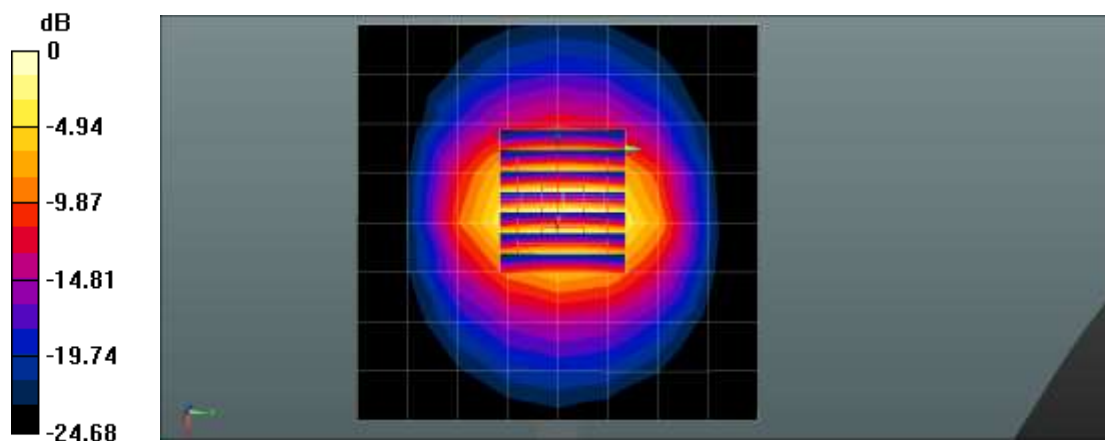
DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.54, 7.86, 7.15) @ 2600 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Right; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2600MHz Head Verification/Area Scan (9x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 4.79 W/kg

2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 51.29 V/m; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 6.34 W/kg
SAR(1 g) = 2.95 W/kg; SAR(10 g) = 1.3 W/kg

Maximum value of SAR (measured) = 5.12 W/kg



0 dB = 5.12 W/kg = 7.09 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.5
 Test Date: 04/15/2025
 Band: LTE TDD Band 41 Ant I Open
 Plot No.: V30

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.049$ S/m; $\epsilon_r = 38.245$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

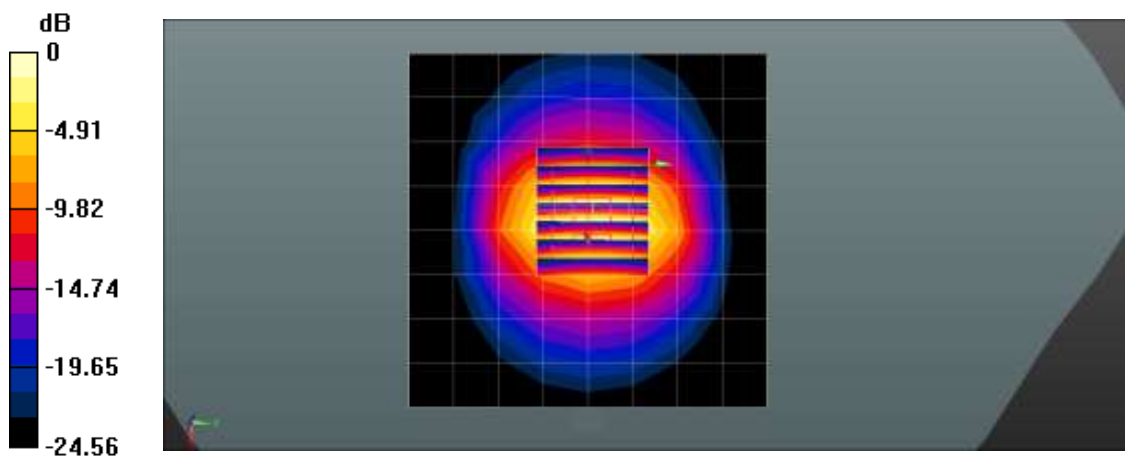
DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.54, 7.86, 7.15) @ 2600 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Right; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2600MHz Head Verification/Area Scan (9x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 4.75 W/kg

2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 51.39 V/m; Power Drift = 0.18 dB
 Peak SAR (extrapolated) = 6.32 W/kg
SAR(1 g) = 2.94 W/kg; SAR(10 g) = 1.29 W/kg

Maximum value of SAR (measured) = 5.10 W/kg



0 dB = 5.10 W/kg = 7.08 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.7
 Test Date: 04/18/2025
 Band: WLAN 5G UNII 1&2A SISO
 Plot No.: V31

Measurement Report for Device, , , CW, Channel 0 (5250.0 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	CW, 0--	5250.0, 0	6.07	4.70	37.0

Hardware Setup

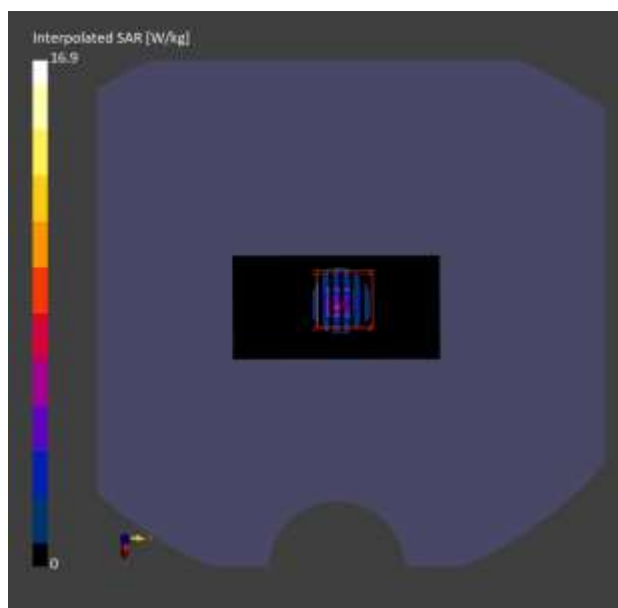
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7654, 2024-05-22	DAE4 Sn868, 2024-09-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.72	4.15
psSAR10g [W/Kg]	1.10	1.19
Power Drift [dB]	-0.01	-0.01



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 21.4
Test Date: 04/19/2025
Band: WLAN 5G UNII 1&2A MIMO
Plot No.: V32

Measurement Report for Device, , , CW, Channel 0 (5250.0 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	CW, 0--	5250.0, 0	6.07	4.61	37.1

Hardware Setup

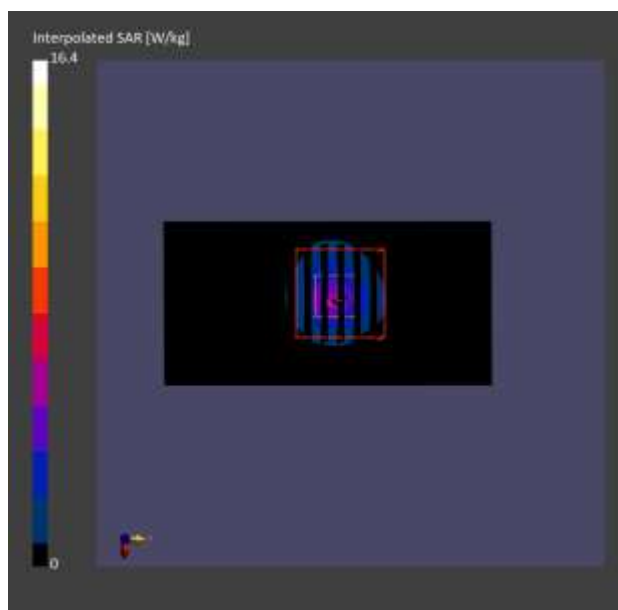
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7654, 2024-05-22	DAE4 Sn868, 2024-09-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.66	4.09
psSAR10g [W/Kg]	1.08	1.16
Power Drift [dB]	-0.01	-0.02



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.7
 Test Date: 04/20/2025
 Band: WLAN 5G UNII 2C SISO
 Plot No.: V33

Measurement Report for Device, , , CW, Channel 0 (5600.0 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	CW, 0--	5600.0, 0	5.33	4.98	36.4

Hardware Setup

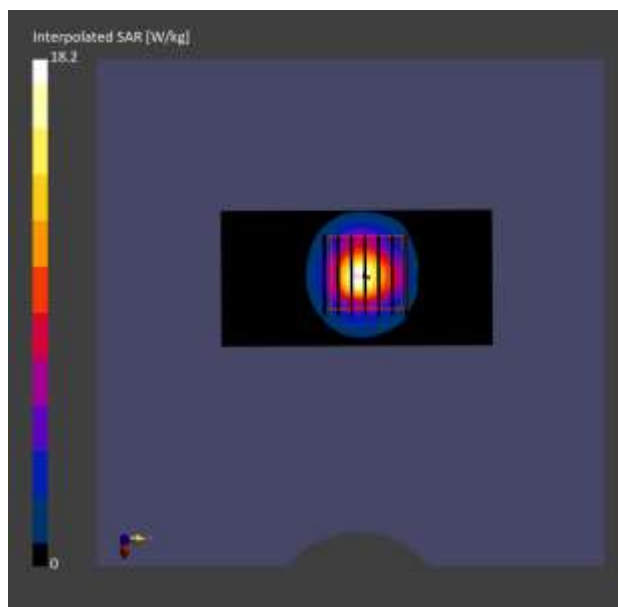
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7654, 2024-05-22	DAE4 Sn868, 2024-09-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.91	4.25
psSAR10g [W/Kg]	1.14	1.23
Power Drift [dB]	-0.01	0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.8
 Test Date: 04/21/2025
 Band: WLAN 5G UNII 2C MIMO
 Plot No.: V34

Measurement Report for Device, , , CW, Channel 0 (5600.0 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	CW, 0--	5600.0, 0	5.33	4.95	36.5

Hardware Setup

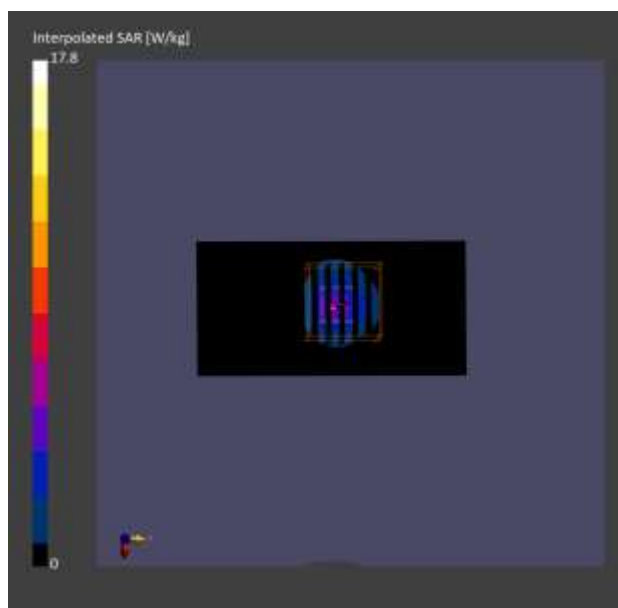
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7654, 2024-05-22	DAE4 Sn868, 2024-09-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.88	4.21
psSAR10g [W/Kg]	1.14	1.22
Power Drift [dB]	-0.02	0.00



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.1
 Test Date: 04/22/2025
 Band: WLAN 5G UNII 3 SISO
 Plot No.: V35

Measurement Report for Device, , , CW, Channel 0 (5750.0 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	CW, 0--	5750.0, 0	5.35	5.26	36.2

Hardware Setup

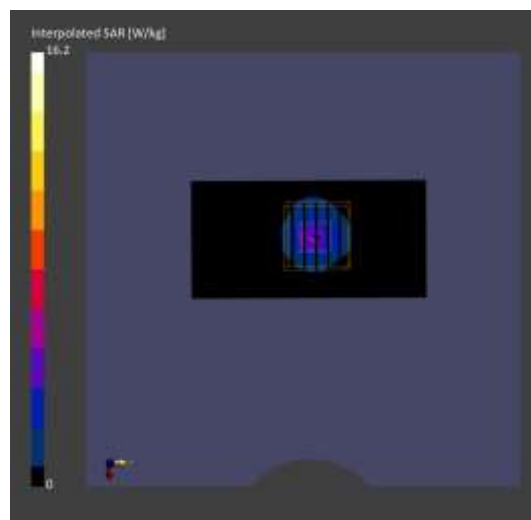
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7654, 2024-05-22	DAE4 Sn868, 2024-09-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.41	3.73
psSAR10g [W/Kg]	0.995	1.07
Power Drift [dB]	-0.00	-0.04



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.6
 Test Date: 04/23/2025
 Band: WLAN 5G UNII 3 MIMO
 Plot No.: V36

Measurement Report for Device, , , CW, Channel 0 (5750.0 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	CW, 0--	5750.0, 0	5.35	5.21	36.3

Hardware Setup

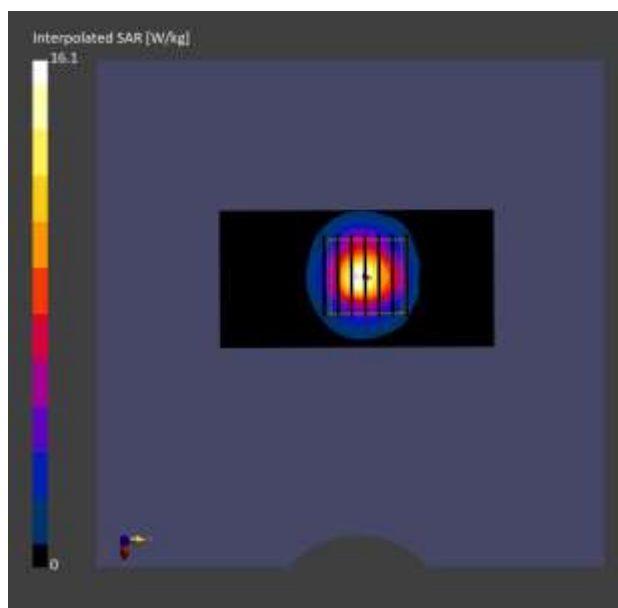
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7654, 2024-05-22	DAE4 Sn868, 2024-09-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.41	3.69
psSAR10g [W/Kg]	0.993	1.06
Power Drift [dB]	0.01	-0.00



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.7
 Test Date: 04/24/2025
 Band: WLAN 5G UNII 4 SISO
 Plot No.: V37

Measurement Report for Device, , , CW, Channel 0 (5800.0 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	CW, 0--	5800.0, 0	5.32	5.24	36.2

Hardware Setup

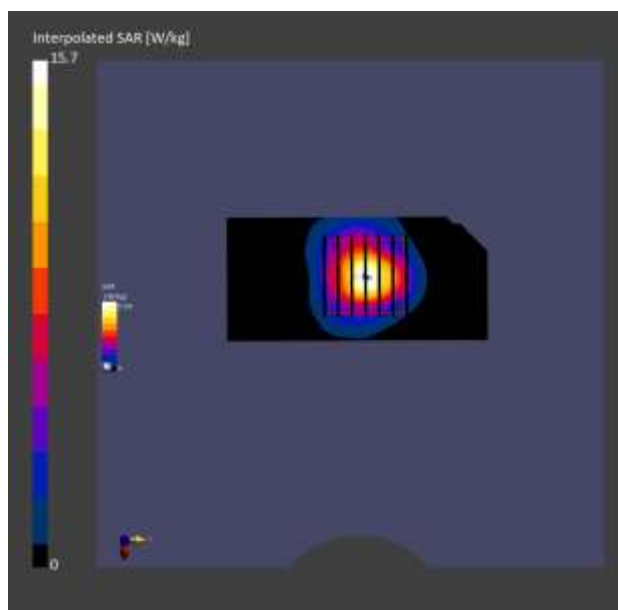
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7654, 2024-05-22	DAE4 Sn868, 2024-09-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	3.36	3.63
psSAR10g [W/kg]	0.986	1.04
Power Drift [dB]	0.01	-0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.3
 Test Date: 04/25/2025
 Band: WLAN 5G UNII 4 MIMO
 Plot No.: V38

Measurement Report for Device, , , CW, Channel 0 (5800.0 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	CW, 0--	5800.0, 0	5.32	5.18	36.4

Hardware Setup

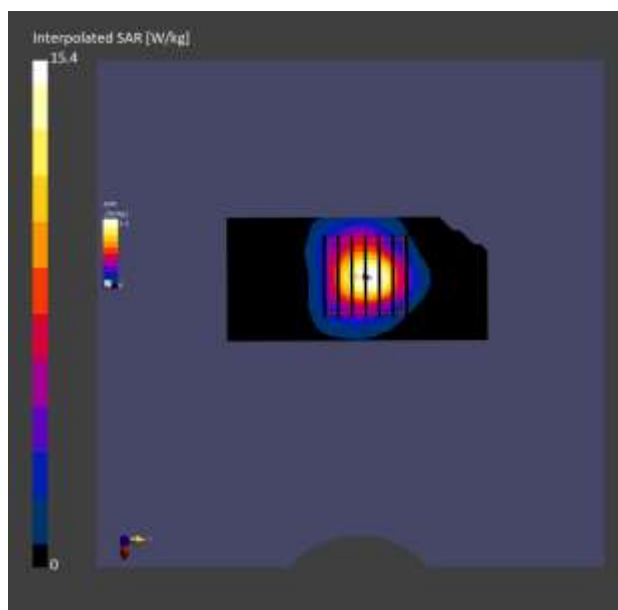
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7654, 2024-05-22	DAE4 Sn868, 2024-09-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	3.32	3.57
psSAR10g [W/kg]	0.974	1.03
Power Drift [dB]	-0.01	0.00



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.6
 Test Date: 04/28/2025
 Band: WLAN 6G Ant F
 Plot No.: V39
 Measurement Report for Device, , , CW, Channel 0 (6500.0 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	,	CW, 0--	6500.0, 0	5.74	6.19	34.1

Hardware Setup

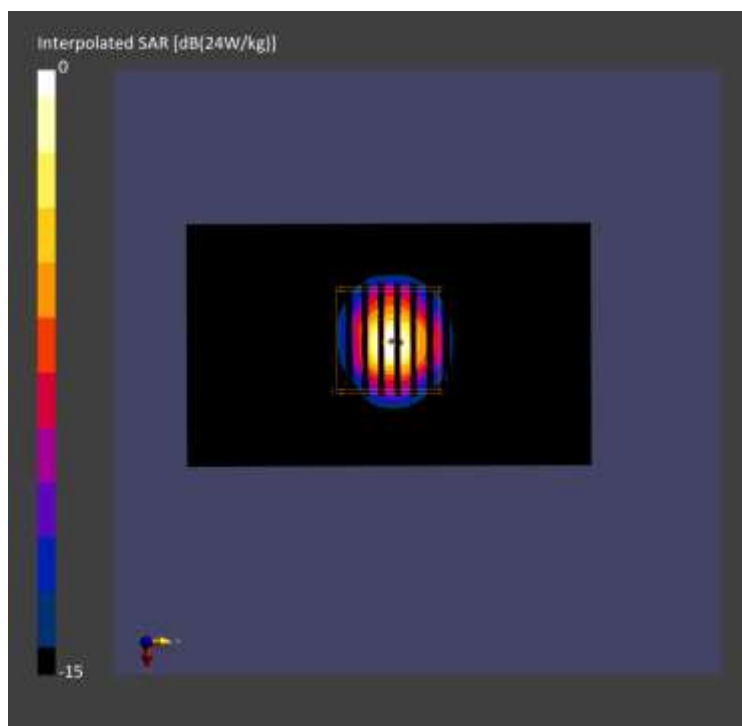
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7702, 2025-01-21	DAE4 Sn780, 2024-06-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	51.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	12.3	14.2
psSAR10g [W/kg]	2.37	2.64
Power Drift [dB]	-0.04	-0.01



Test Laboratory: HCT CO., LTD

Input Power: 0.05 W
 Liquid Temperature: 22.8
 Test Date: 04/29/2025
 Band: WLAN 6G Ant H
 Plot No.: V40
 Measurement Report for Device, , , CW, Channel 0 (6500.0 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	,	CW, 0--	6500.0, 0	5.74	6.18	34.2

Hardware Setup

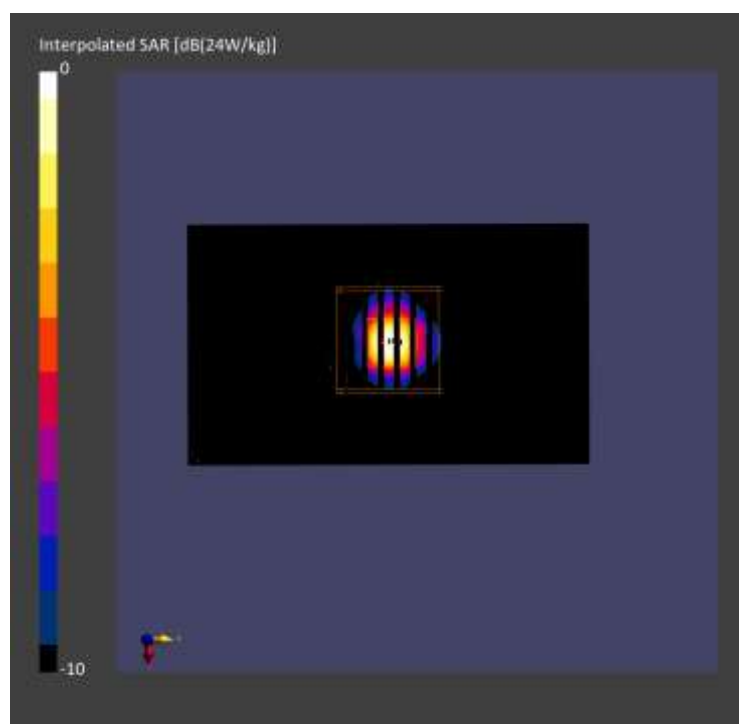
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7702, 2025-01-21	DAE4 Sn780, 2024-06-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	51.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	12.3	14.3
psSAR10g [W/kg]	2.39	2.65
Power Drift [dB]	-0.04	0.02



Test Laboratory: HCT CO., LTD

Input Power: 0.05 W
 Liquid Temperature: 21.9
 Test Date: 04/13/2025
 Band: NR FDD Band n71 Ant A
 Plot No.: V41

Measurement Report for Device, , , CW, Channel 0 (750.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0--	750.000, 0	9.73	0.906	42.2

Hardware Setup

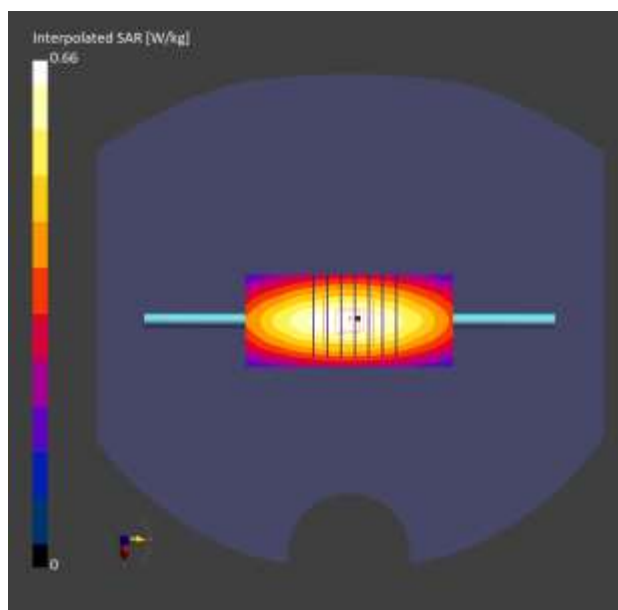
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7732, 2024-06-19	DAE4 Sn1254, 2024-05-16

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.441	0.442
psSAR10g [W/Kg]	0.293	0.295
Power Drift [dB]	0.01	-0.02



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 20.5
Test Date: 05/09/2025
Band: NR FDD Band n71 Ant E
Plot No.: V42

Measurement Report for Device, , , CW, Channel 0 (750.000 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	CW, 0--	750.000, 0	9.73	0.932	41.7

Hardware Setup

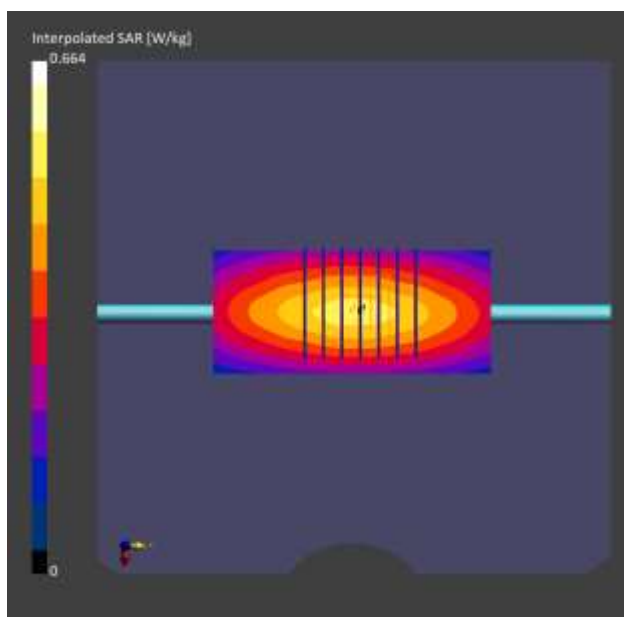
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7732, 2024-06-19	DAE4 Sn1254, 2024-05-16

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.462	0.459
psSAR10g [W/kg]	0.308	0.309
Power Drift [dB]	0.00	0.01



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 22.0
Test Date: 03/28/2025
Band: NR FDD Band n5 Ant A
Plot No.: V43

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 830 \text{ MHz}$; $\sigma = 0.892 \text{ S/m}$; $\epsilon_r = 42.446$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

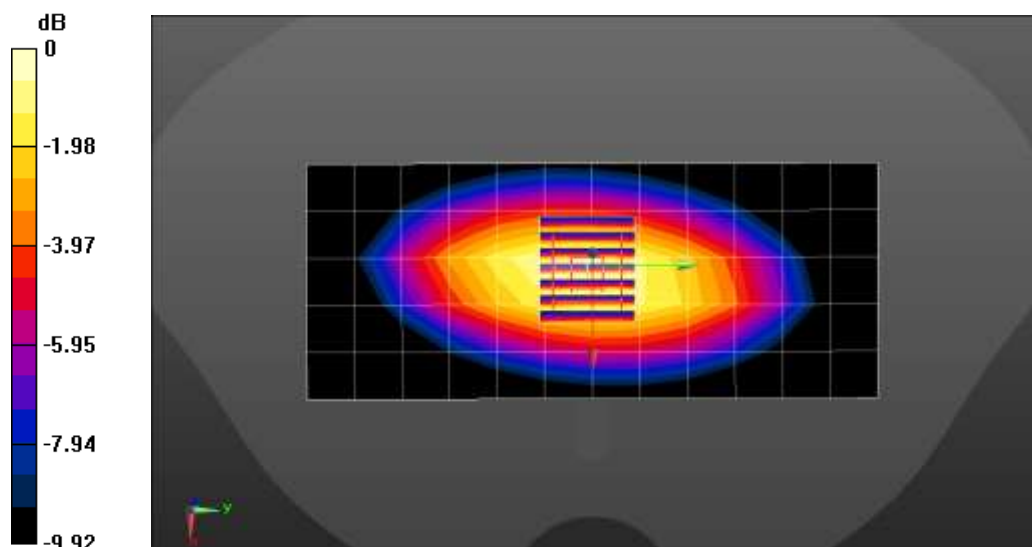
DASY Configuration:

- Probe: EX3DV4 - SN7622; ConvF(9.82, 9.35, 9.87) @ 835 MHz;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2024-04-19
- Phantom: Twin-SAM V4.0 Right
- Measurement SW: DASY52, Version 52.10 (4);

835MHz Head Verification/Area Scan (6x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.563 W/kg

835MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=4\text{mm}$
 Reference Value = 29.30 V/m; Power Drift = -0.10 dB
 Peak SAR (extrapolated) = 0.702 W/kg
SAR(1 g) = 0.492 W/kg; SAR(10 g) = 0.326 W/kg

Maximum value of SAR (measured) = 0.641 W/kg



0 dB = 0.641 W/kg = -1.93 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.9
 Test Date: 04/18/2025
 Band: NR FDD Band n5 Ant E
 Plot No.: V44

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 830 \text{ MHz}$; $\sigma = 0.932 \text{ S/m}$; $\epsilon_r = 42.56$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

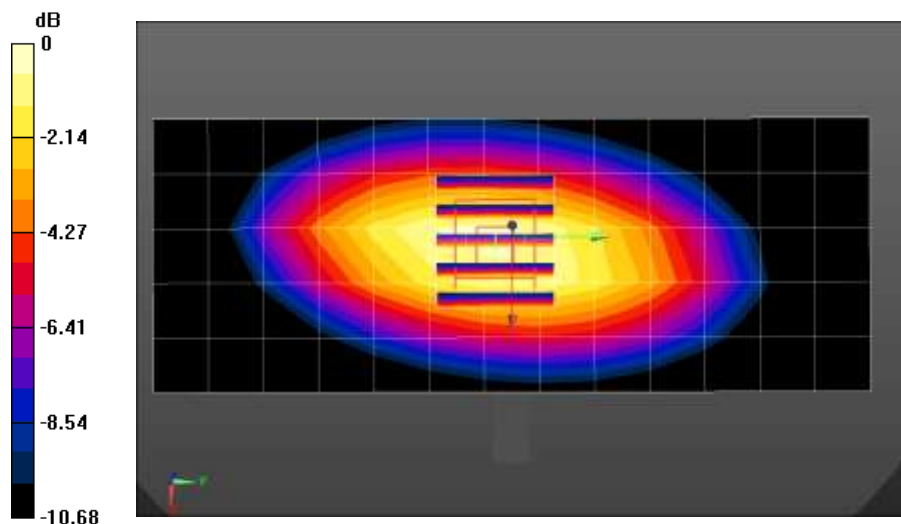
DASY5 Configuration:

- Probe: EX3DV4 - SN7622; ConvF(9.82, 9.35, 9.87) @ 835 MHz; Calibrated: 2024-11-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn869; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 Right; Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

835MHz Head Verification/Area Scan (6x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.547 W/kg

835MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 27.28 V/m; Power Drift = -0.02 dB
 Peak SAR (extrapolated) = 0.665 W/kg
SAR(1 g) = 0.466 W/kg; SAR(10 g) = 0.308 W/kg

Maximum value of SAR (measured) = 0.606 W/kg



0 dB = 0.606 W/kg = -2.18 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.2
 Test Date: 03/22/2025
 Band: NR FDD Band n66 Ant B
 Plot No.: V45

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.397 \text{ S/m}$; $\epsilon_r = 41.561$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

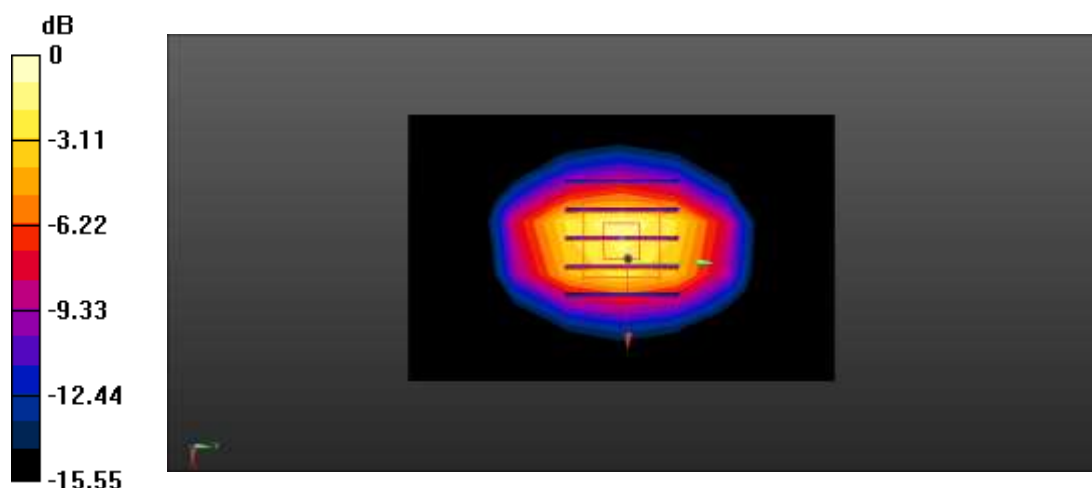
DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Front_2011217
- Measurement SW: DASY52, Version 52.10 (4);

1800MHz Head Verification/Area Scan (6x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 2.24 W/kg

1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 48.12 V/m; Power Drift = 0.01 dB
 Peak SAR (extrapolated) = 3.33 W/kg
SAR(1 g) = 2.02 W/kg; SAR(10 g) = 1.11 W/kg

Maximum value of SAR (measured) = 2.95 W/kg



0 dB = 2.95 W/kg = 4.70 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.9
 Test Date: 04/29/2025
 Band: NR FDD Band n66 Ant I
 Plot No.: V46

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.347 \text{ S/m}$; $\epsilon_r = 41.792$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

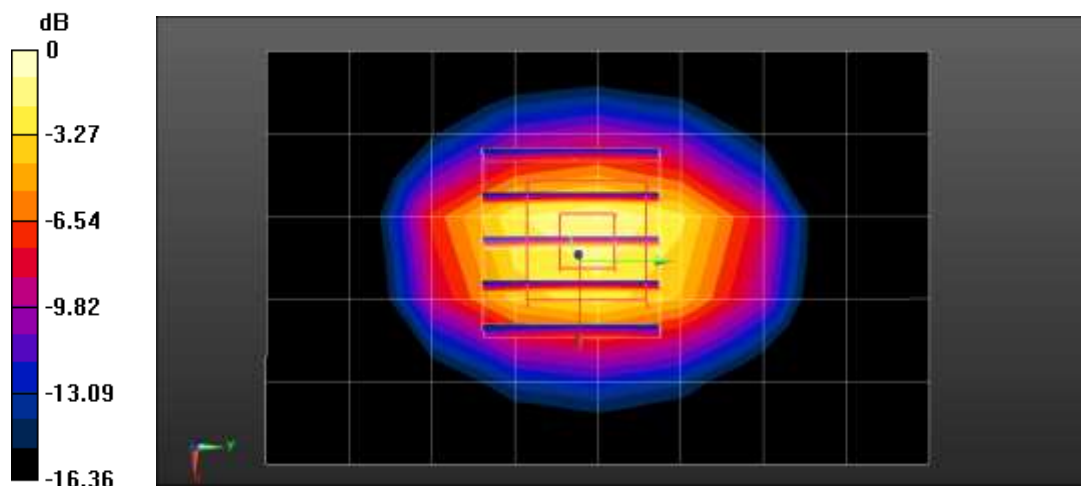
DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ConvF(8.48, 8.09, 8.04) @ 1800 MHz; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

1800MHz Head Verification/Area Scan (6x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 2.29 W/kg

1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 48.41 V/m; Power Drift = 0.06 dB
 Peak SAR (extrapolated) = 3.30 W/kg
SAR(1 g) = 2.01 W/kg; SAR(10 g) = 1.11 W/kg

Maximum value of SAR (measured) = 2.89 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.0
 Test Date: 03/21/2025
 Band: NR FDD Band n25 Ant B
 Plot No.: V47

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.428$ S/m; $\epsilon_r = 40.745$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

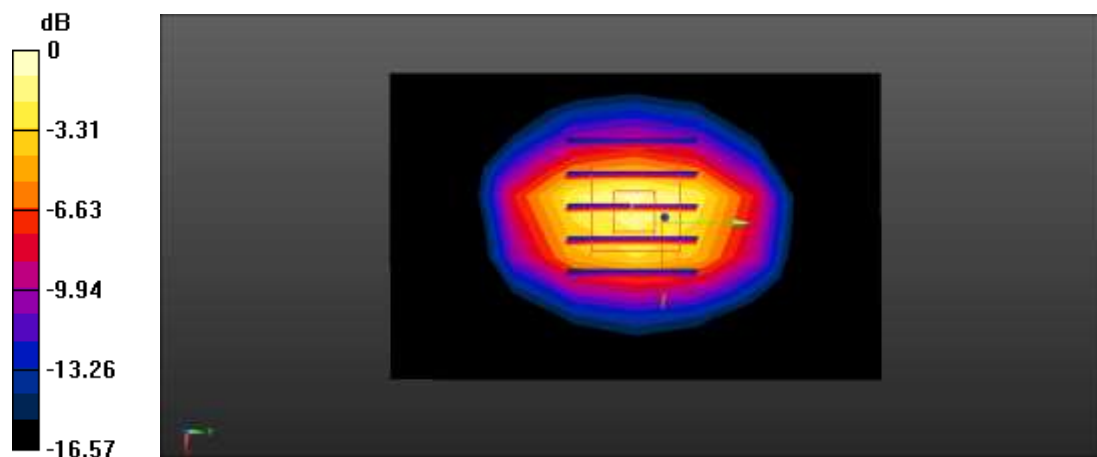
DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Front_2011217
- Measurement SW: DASY52, Version 52.10 (4);

1900MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.54 W/kg

1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 47.66 V/m; Power Drift = 0.06 dB
 Peak SAR (extrapolated) = 3.47 W/kg
SAR(1 g) = 2.08 W/kg; SAR(10 g) = 1.12 W/kg

Maximum value of SAR (measured) = 3.06 W/kg



0 dB = 3.06 W/kg = 4.86 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.6
 Test Date: 04/28/2025
 Band: NR FDD Band n25 Ant I
 Plot No.: V48

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.394$ S/m; $\epsilon_r = 41.269$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

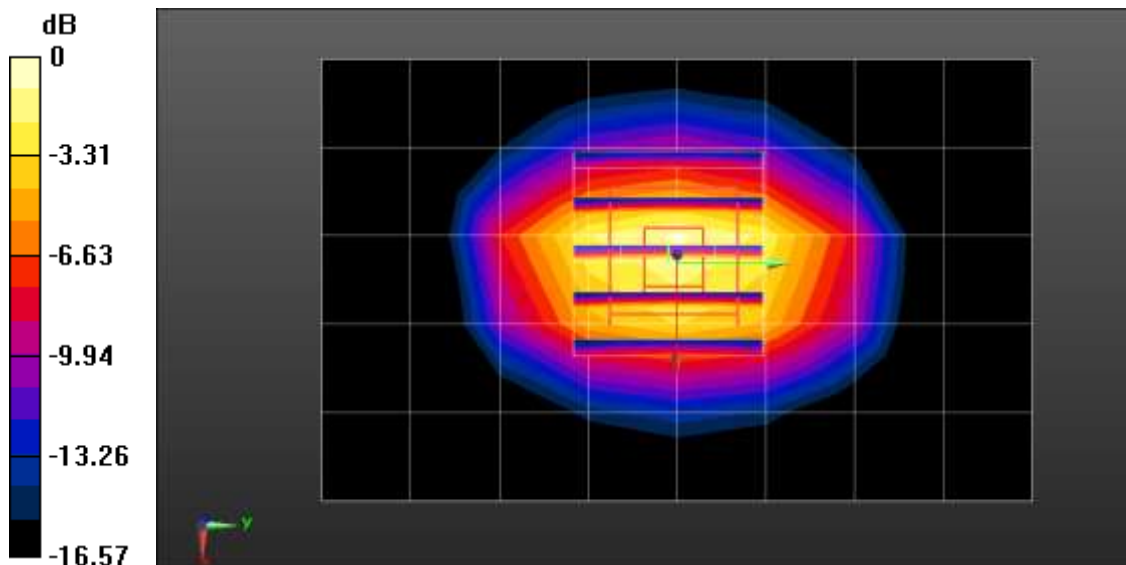
DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ConvF(8.2, 7.82, 7.77) @ 1900 MHz; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

1900MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.49 W/kg

1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 47.66 V/m; Power Drift = 0.06 dB
 Peak SAR (extrapolated) = 3.39 W/kg
SAR(1 g) = 2.03 W/kg; SAR(10 g) = 1.09 W/kg

Maximum value of SAR (measured) = 2.99 W/kg



0 dB = 2.99 W/kg = 4.76 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.7
 Test Date: 04/03/2025
 Band: NR TDD Band n41 Ant B Close
 Plot No.: V49

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.038$ S/m; $\epsilon_r = 40.296$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

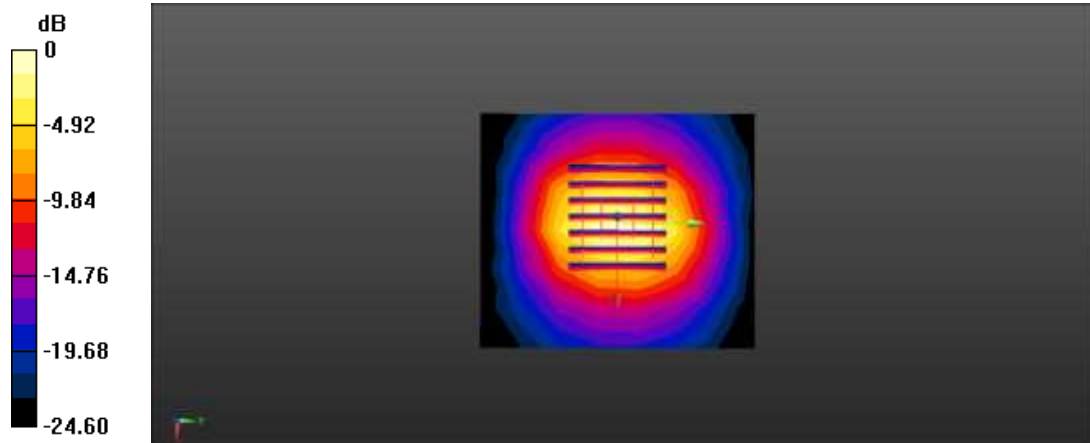
DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Right_2011217
- Measurement SW: DASY52, Version 52.10 (4);

2600MHz Head Verification/Area Scan (7x8x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 4.35 W/kg

2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 51.63 V/m; Power Drift = -0.00 dB
 Peak SAR (extrapolated) = 6.15 W/kg
SAR(1 g) = 2.85 W/kg; SAR(10 g) = 1.26 W/kg

Maximum value of SAR (measured) = 4.95 W/kg



0 dB = 4.95 W/kg = 6.95 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.9
 Test Date: 04/02/2025
 Band: NR TDD Band n41 Ant B Open
 Plot No.: V50

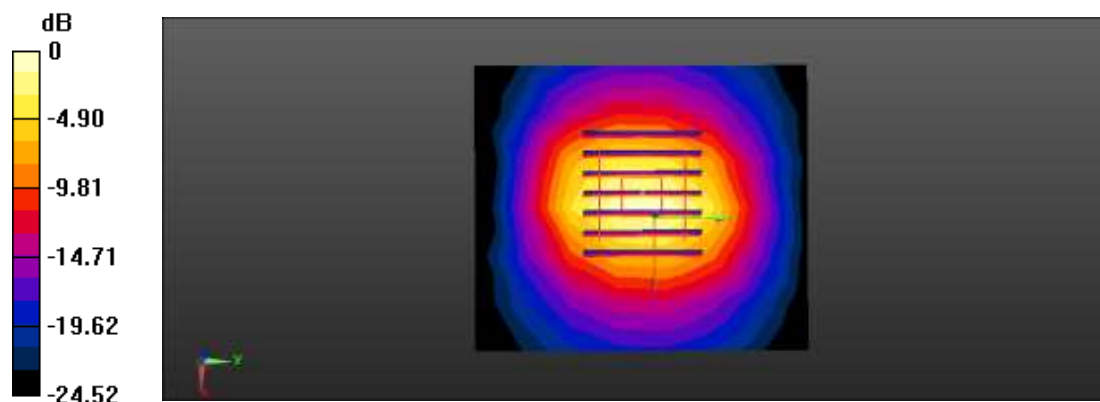
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.041$ S/m; $\epsilon_r = 40.452$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Right_2011217
- Measurement SW: DASY52, Version 52.10 (4);

2600MHz Head Verification/Area Scan (7x8x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 4.28 W/kg

2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 51.26 V/m; Power Drift = 0.07 dB
 Peak SAR (extrapolated) = 6.15 W/kg
SAR(1 g) = 2.84 W/kg; SAR(10 g) = 1.26 W/kg
 Smallest distance from peaks to all points 3 dB below = 9 mm
 Ratio of SAR at M2 to SAR at M1 = 45.5%
 Maximum value of SAR (measured) = 4.94 W/kg



0 dB = 4.94 W/kg = 6.94 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.4
 Test Date: 04/14/2025
 Band: NR TDD Band n41 Ant I
 Plot No.: V51

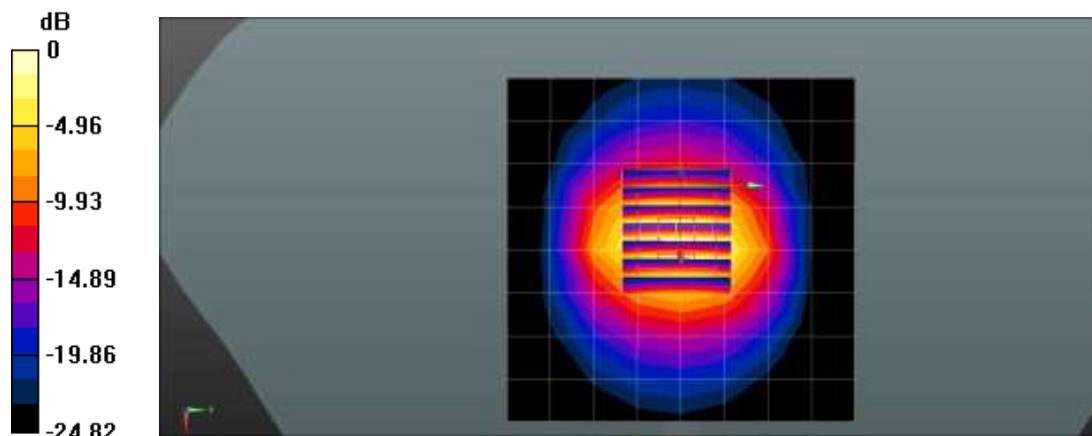
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.043$ S/m; $\epsilon_r = 38.305$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.54, 7.86, 7.15) @ 2600 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Right; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2600MHz Head Verification/Area Scan (9x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 4.87 W/kg

2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 52.03 V/m; Power Drift = 0.11 dB
 Peak SAR (extrapolated) = 6.27 W/kg
SAR(1 g) = 2.92 W/kg; SAR(10 g) = 1.28 W/kg
 Maximum value of SAR (measured) = 5.07 W/kg



0 dB = 5.07 W/kg = 7.05 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.5
 Test Date: 05/03/2025
 Band: NR TDD Band n41 SRS Head
 Plot No.: V52

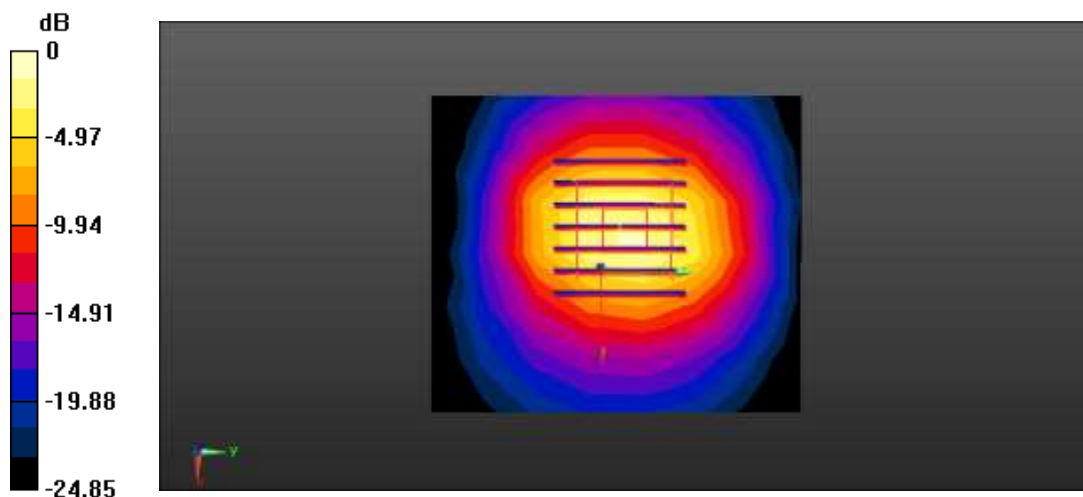
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.008$ S/m; $\epsilon_r = 39.155$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ConvF(7.42, 7.08, 7.03) @ 2600 MHz; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Right_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2600MHz Head Verification/Area Scan (7x8x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.75 W/kg

2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 45.32 V/m; Power Drift = 0.16 dB
 Peak SAR (extrapolated) = 5.99 W/kg
SAR(1 g) = 2.78 W/kg; SAR(10 g) = 1.23 W/kg
 Smallest distance from peaks to all points 3 dB below = 9 mm
 Ratio of SAR at M2 to SAR at M1 = 46%
 Maximum value of SAR (measured) = 4.79 W/kg



0 dB = 4.79 W/kg = 6.80 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.3
 Test Date: 05/04/2025
 Band: NR TDD Band n41 SRS Body
 Plot No.: V53

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.009$ S/m; $\epsilon_r = 39.154$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

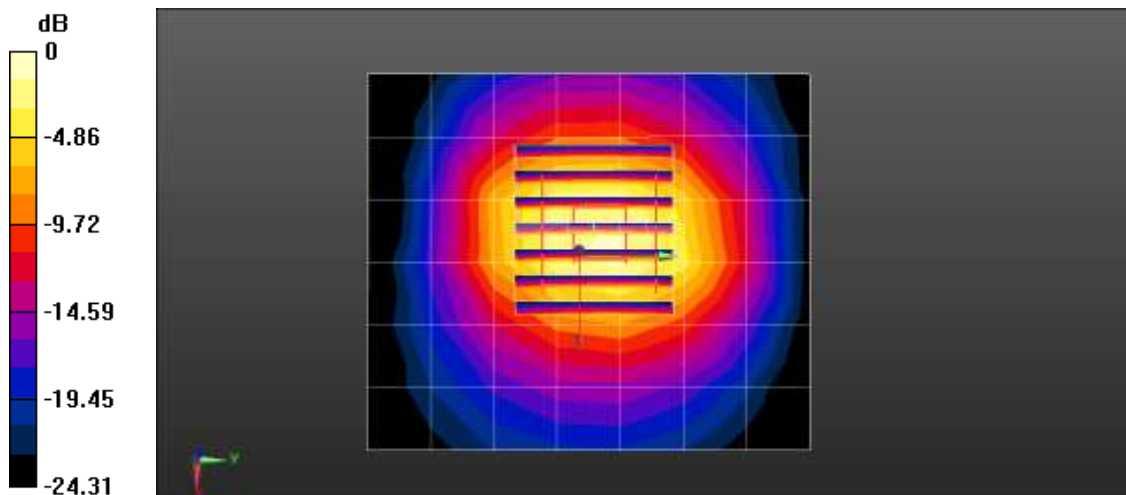
DASY5 Configuration:

- Probe: EX3DV4 - SN3968; ConvF(7.42, 7.08, 7.03) @ 2600 MHz; Calibrated: 2024-10-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2025-01-16
- Phantom: SAM_Right_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2600MHz Head Verification/Area Scan (7x8x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.77 W/kg

2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 45.60 V/m; Power Drift = 0.12 dB
 Peak SAR (extrapolated) = 5.96 W/kg
SAR(1 g) = 2.78 W/kg; SAR(10 g) = 1.23 W/kg

Maximum value of SAR (measured) = 4.78 W/kg



0 dB = 4.78 W/kg = 6.79 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.6
 Test Date: 05/07/2025
 Band: NR TDD Band n41 SRS1
 Plot No.: V54
 Measurement Report for Device, , , CW, Channel 0 (2600.000 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	,	CW, 0--	2600.000, 0	7.32	1.90	39.6

Hardware Setup

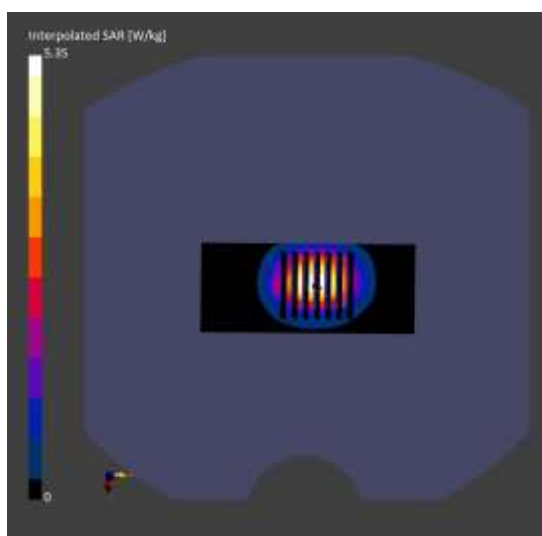
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2050	EX3DV4 - SN7681, 2024-11-22	DAE4 Sn446, 2025-03-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 96.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.55	2.65
psSAR10g [W/Kg]	1.18	1.22
Power Drift [dB]	0.03	-0.00



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 20.0
Test Date: 04/10/2025
Band: NR TDD Band n77 Ant F
Plot No.: V55

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	CW, 0--	3500.0, 0	7.4	2.89	39.3

Hardware Setup

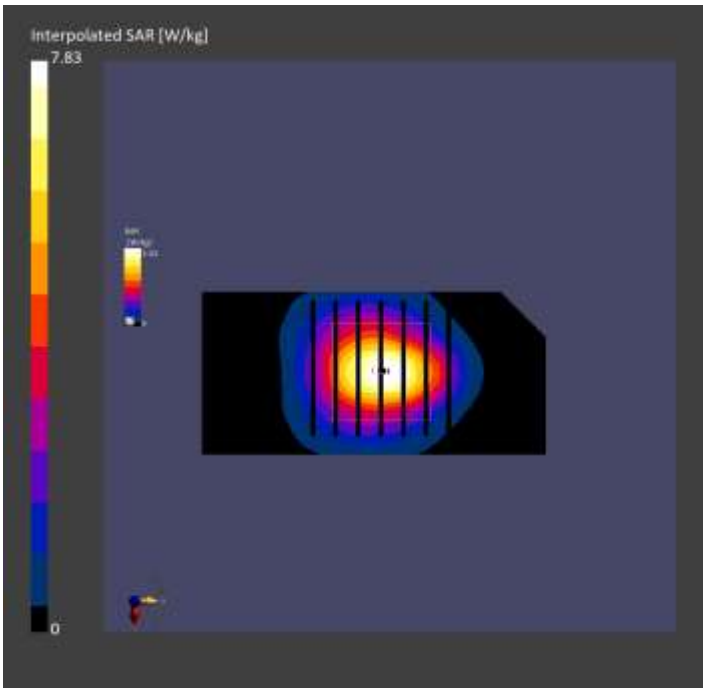
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7654, 2024-05-22	DAE4 Sn868, 2024-09-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	3.11	3.09
psSAR10g [W/kg]	1.18	1.18
Power Drift [dB]	-0.01	-0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.5
 Test Date: 05/02/2025
 Band: NR TDD Band n77 SRS Body
 Plot No.: V56

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	CW, 0--	3500.0, 0	7.08	2.87	39.5

Hardware Setup

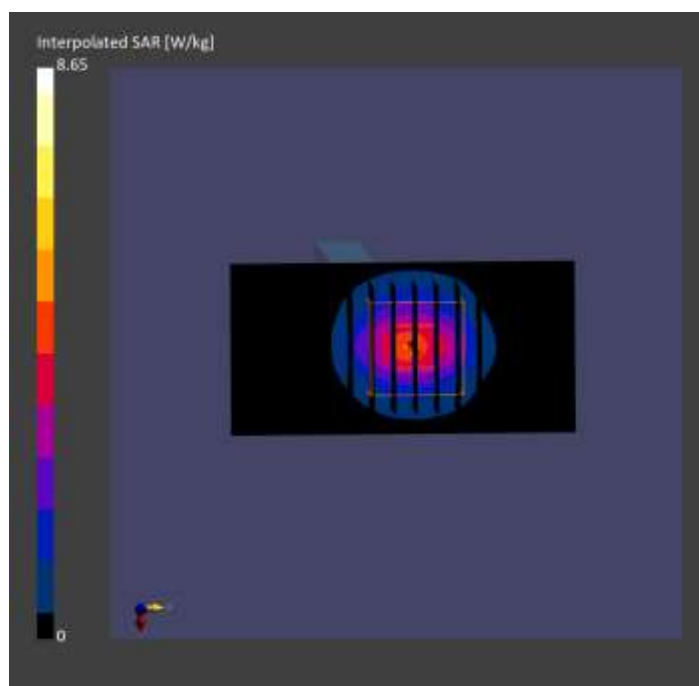
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7702, 2025-01-21	DAE4 Sn780, 2024-06-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	3.46	3.46
psSAR10g [W/kg]	1.33	1.34
Power Drift [dB]	0.00	-0.01



Test Laboratory: HCT CO., LTD

Input Power: 0.05 W
 Liquid Temperature: 21.5
 Test Date: 05/01/2025
 Band: NR TDD Band n77 SRS Head
 Plot No.: V57

Measurement Report for Device, , , CW, Channel 0 (3500.0 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	CW, 0--	3500.0, 0	7.08	2.87	39.5

Hardware Setup

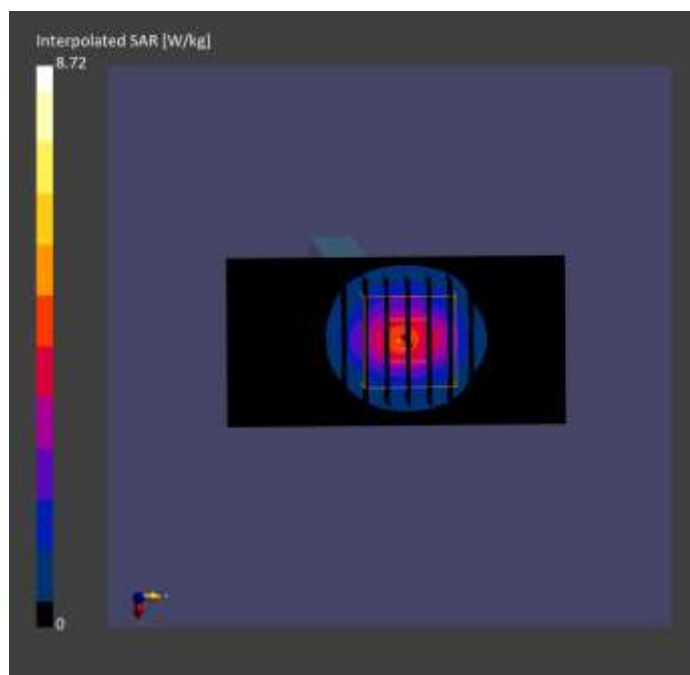
Phantom Probe, Calibration Date DAE, Calibration Date
 Twin-SAM V8.0 (30deg probe tilt) - xxxx EX3DV4 - SN7702, 2025-01-21 DAE4 Sn780, 2024-06-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	3.44	3.47
psSAR10g [W/kg]	1.32	1.34
Power Drift [dB]	-0.00	-0.00



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W

Liquid Temperature: 20.0
Test Date: 04/10/2025
Band: NR TDD Band n77 Ant F
Plot No.: V58
Measurement Report for Device, , , CW, Channel 0 (3700.0 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	CW, 0--	3700.0, 0	7.33	3.07	39.1

Hardware Setup

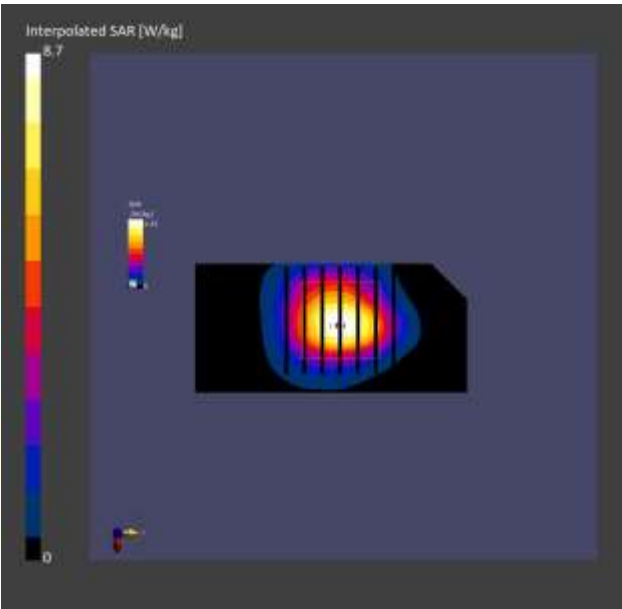
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7654, 2024-05-22	DAE4 Sn868, 2024-09-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	3.11	3.20
psSAR10g [W/kg]	1.17	1.17
Power Drift [dB]	0.00	0.01



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 21.5
Test Date: 05/02/2025
Band: NR TDD Band n77 SRS Body
Plot No.: V59

Measurement Report for Device, , , CW, Channel 0 (3700.0 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	CW, 0--	3700.0, 0	6.96	3.04	39.2

Hardware Setup

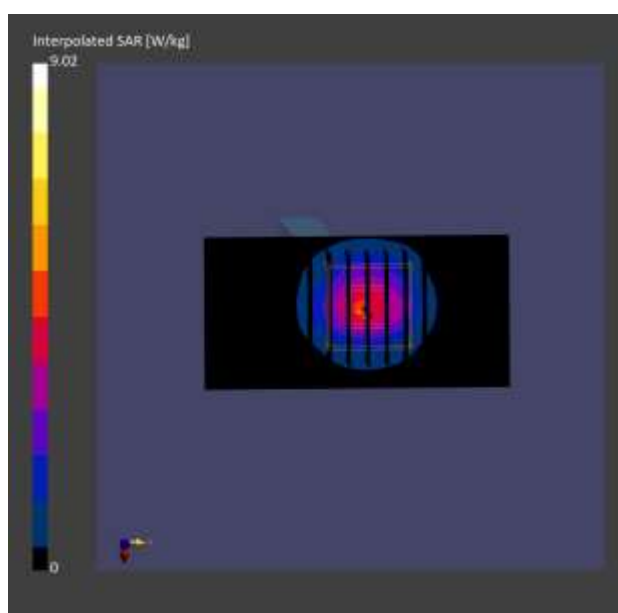
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7702, 2025-01-21	DAE4 Sn780, 2024-06-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	3.33	3.44
psSAR10g [W/kg]	1.28	1.30
Power Drift [dB]	-0.01	-0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.5
 Test Date: 05/01/2025
 Band: NR TDD Band n77 SRS Head
 Plot No.: V60

Measurement Report for Device, , , CW, Channel 0 (3700.0 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	CW, 0--	3700.0, 0	6.96	3.04	39.3

Hardware Setup

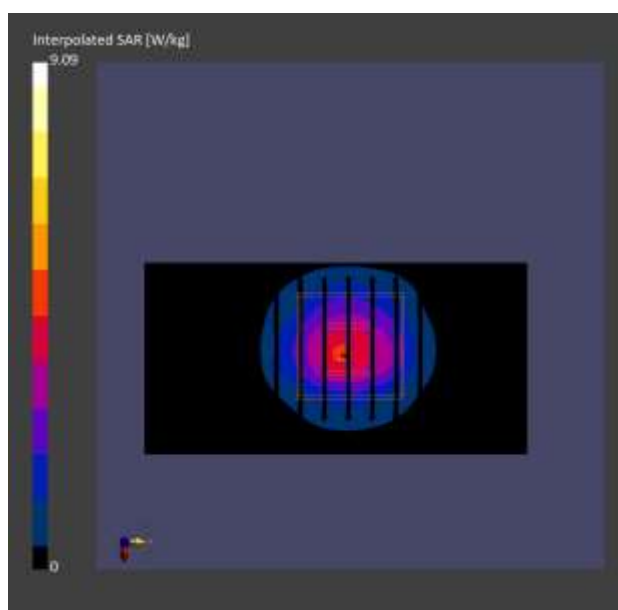
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7702, 2025-01-21	DAE4 Sn780, 2024-06-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	3.33	3.46
psSAR10g [W/kg]	1.28	1.30
Power Drift [dB]	0.01	0.00



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 20.0
 Test Date: 04/10/2025
 Band: NR TDD Band n77 Ant F
 Plot No.: V61

Measurement Report for Device, , , CW, Channel 0 (3900.0 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	CW, 0--	3900.0, 0	7.18	3.21	38.9

Hardware Setup

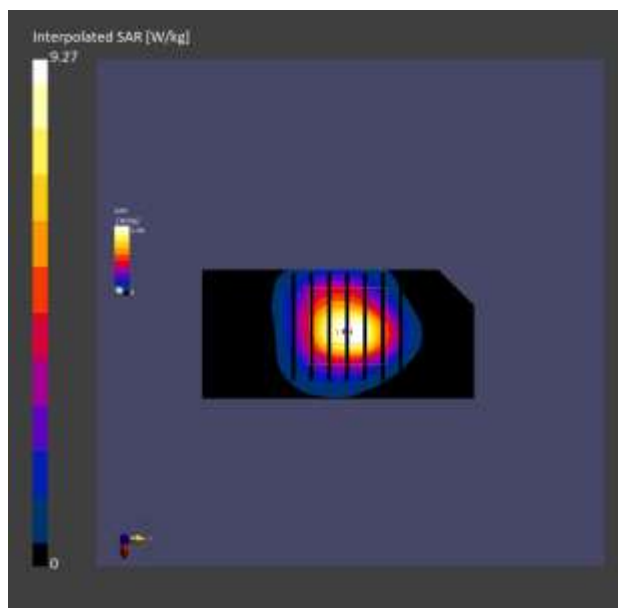
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7654, 2024-05-22	DAE4 Sn868, 2024-09-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	3.16	3.26
psSAR10g [W/kg]	1.13	1.15
Power Drift [dB]	-0.02	0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.5
 Test Date: 05/02/2025
 Band: NR TDD Band n77 SRS Body
 Plot No.: V62

Measurement Report for Device, , , CW, Channel 0 (3900.0 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	CW, 0--	3900.0, 0	6.67	3.18	39.0

Hardware Setup

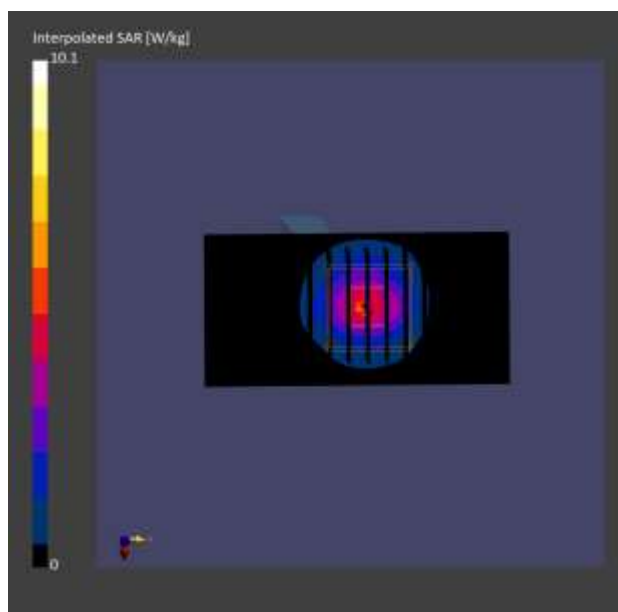
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7702, 2025-01-21	DAE4 Sn780, 2024-06-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	3.58	3.68
psSAR10g [W/kg]	1.30	1.33
Power Drift [dB]	-0.02	-0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.5
 Test Date: 05/01/2025
 Band: NR TDD Band n77 SRS Head
 Plot No.: V63

Measurement Report for Device, , , CW, Channel 0 (3900.0 MHz)

Exposure Conditions

Phantom Section, TSL	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	CW, 0--	3900.0, 0	6.67	3.18	39.0

Hardware Setup

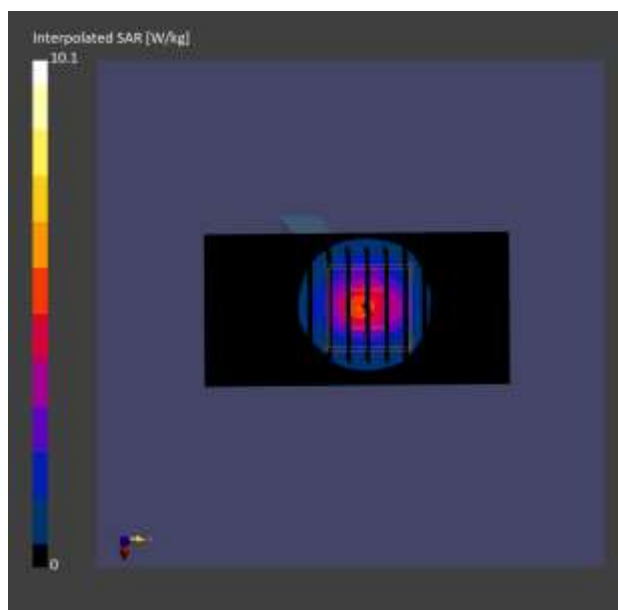
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7702, 2025-01-21	DAE4 Sn780, 2024-06-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	3.85	3.70
psSAR10g [W/kg]	1.39	1.34
Power Drift [dB]	-0.14	-0.09



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 20.3°C
 Test Date: 04/09/2025
 Band: WLAN 6G Power Density
 Plot No.: V64

Measurement Report for Device, FRONT, Validation band, CW, Channel 10000 (10000.0 MHz)

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	FRONT, 10.00	Validation band	CW, 0--	10000.0, 10000	1.0

Hardware Setup

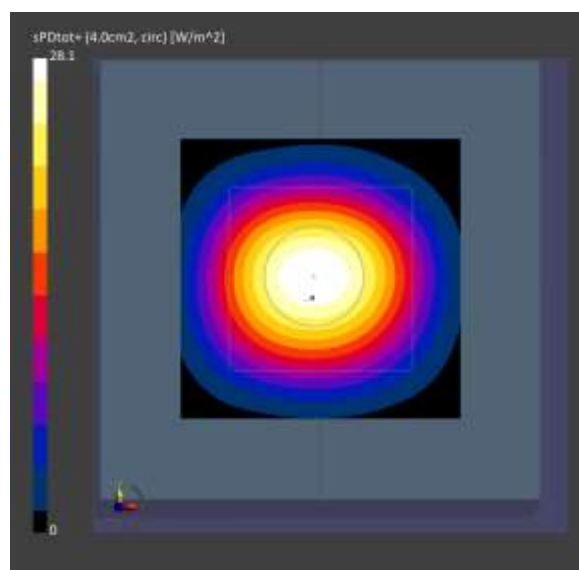
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - xxxx	Air -	EUmmWV4 - SN9528_F1-55GHz, 2024-05-17	DAE4 Sn868, 2024-09-19

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	10.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	27.4
psPDtot+ [W/m ²]	28.2
psPDmod+ [W/m ²]	28.3
E _{max} [V/m]	110
Power Drift [dB]	-0.12



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 20.2°C
Test Date: 04/10/2025
Band: WLAN 6G Power Density
Plot No.: V65

Measurement Report for Device, FRONT, Validation band, CW, Channel 10000 (10000.0 MHz)

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	FRONT, 10.00	Validation band	CW, 0--	10000.0, 10000	1.0

Hardware Setup

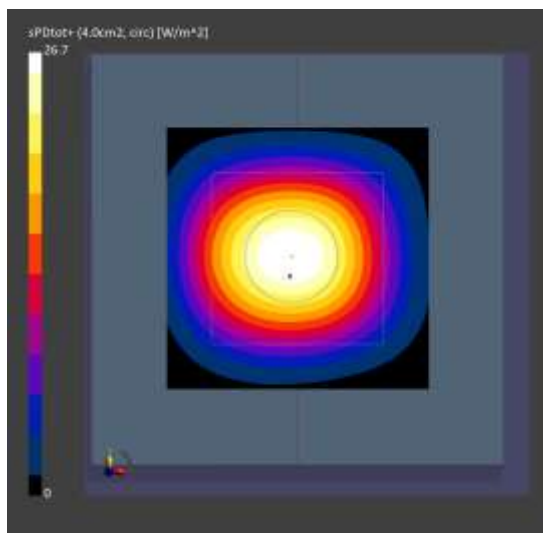
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - xxxx	Air -	EUmmWV4 - SN9528_F1-55GHz, 2024-05-17	DAE4 Sn868, 2024-09-19

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	10.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	26.3
psPDtot+ [W/m ²]	26.7
psPDmod+ [W/m ²]	26.8
E _{max} [V/m]	104
Power Drift [dB]	0.06



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 20.6°C
 Test Date: 04/11/2025
 Band: WLAN 6G Power Density
 Plot No.: V66

Measurement Report for Device, FRONT, Validation band, CW, Channel 10000 (10000.0 MHz)

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	FRONT, 10.00	Validation band	CW, 0--	10000.0, 10000	1.0

Hardware Setup

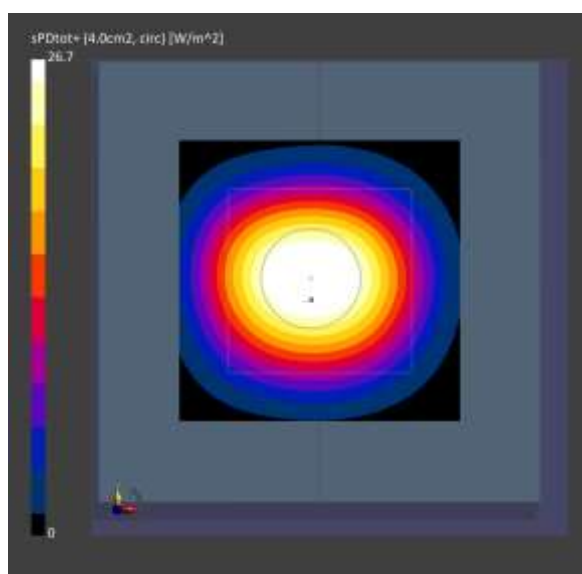
Phantom	Medium Probe, Calibration Date	DAE, Calibration Date
mmWave - xxxx Air -	EUmmWV4 - SN9528_F1-55GHz, 2024-05-17	DAE4 Sn868, 2024-09-19

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	10.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	28.4
psPDtot+ [W/m ²]	29.2
psPDmod+ [W/m ²]	29.4
E _{max} [V/m]	110
Power Drift [dB]	0.10



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 20.5°C
Test Date: 04/14/2025
Band: WLAN 6G Power Density
Plot No.: V67

Measurement Report for Device, FRONT, Validation band, CW, Channel 10000 (10000.0 MHz)

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	FRONT, 10.00	Validation band	CW, 0--	10000.0, 10000	1.0

Hardware Setup

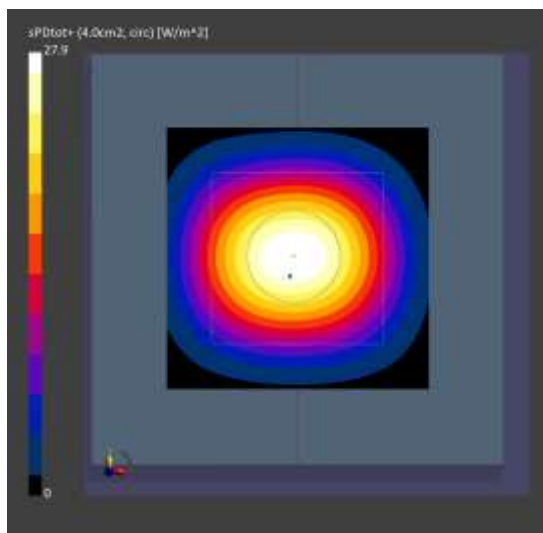
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - xxxx	Air -	EUmmWV4 - SN9528_F1-55GHz, 2024-05-17	DAE4 Sn868, 2024-09-19

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	10.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	27.7
psPDtot+ [W/m ²]	27.9
psPDmod+ [W/m ²]	28.1
E _{max} [V/m]	108
Power Drift [dB]	0.00



Appendix D. – SAR Tissue Characterization

The brain and muscle mixtures consist of a viscous gel using hydrox-ethyl cellulose (HEC) gelling agent and saline solution (see Table 3.1). Preservation with a bactericide is added and visual inspection is made to make sure air bubbles are not trapped during the mixing process. The mixture is calibrated to obtain proper dielectric constant (permittivity) and conductivity of the desired tissue. The mixture characterizations used for the brain and muscle tissue simulating liquids are according to the data by C. Gabriel and G. Harts grove.

Ingredients (% by weight)	Frequency (MHz)									
	750		835		1 900		2 450 – 2 700		3500 - 5 800	
Tissue Type	Head	Body	Head	Body	Head	Body	Head	Body	Head	Body
Water	41.1	51.7	40.45	53.06	54.9	70.17	71.88	73.2	65.52	78.66
Salt (NaCl)	1.4	0.9	1.45	0.94	0.18	0.39	0.16	0.1	0.0	0.0
Sugar	57.0	47.2	57.0	44.9	0.0	0	0.0	0.0	0.0	0.0
HEC	0.2	0	1.0	1.0	0.0	0	0.0	0.0	0.0	0.0
Bactericide	0.2	0.1	0.1	0.1	0.0	0	0.0	0.0	0.0	0.0
Triton X-100	0.0	0.0	0.0	0.0	0.0	0.0	19.97	0.0	17.24	10.67
DGBE	0.0	0.0	0.0	0.0	44.92	29.44	7.99	26.7	0.0	0.0
Diethylene glycol hexyl ether	-	-	-	-	-	-	-	-	-	-

Salt:	99 % Pure Sodium Chloride	Sugar:	98 % Pure Sucrose
Water:	De-ionized, 16M resistivity	HEC:	Hydroxyethyl Cellulose
DGBE:	99 % Di (ethylene glycol) butyl ether, [2-(2-butoxyethoxy) ethanol]		
Triton X-100(ultra-pure):	Polyethylene glycol mono [4-(1,1,3,3-tetramethylbutyl) phenyl] ether		

Composition of the Tissue Equivalent Matter

Appendix E. – SAR System Validation

Per FCC KDB 865664 D02v01r02, SAR system validation status should be document to confirm measurement accuracy. The SAR systems (including SAR probes, system components and software versions) used for this device were validated against its performance specifications prior to the SAR measurements. Reference dipoles were used with the required tissue- equivalent media for system validation, according to the procedures outlined in IEEE 1528-2013 and FCC KDB 865664 D01v01r04. Since SAR probe calibrations are frequency dependent, each probe calibration point was validated at a frequency within the valid frequency range of the probe calibration point, using the system that normally operates with the probe for routine SAR measurements and according to the required tissue-equivalent media.

A tabulated summary of the system validation status including the validation date(s), measurement frequencies, SAR probes and tissue dielectric parameters has been included.

SAR System No.	Probe	Probe Type	Probe Calibration Point	Dipole	Date	Dielectric Parameters		CW Validation			Modulation Validation			
						Measured Permittivity	Measured Conductivity	Sensitivity	Probe Linearity	Probe Isotropy	MOD. Type	Duty Factor	PAR	
7	7622	EX3DV4	Head	750	1014	2024-12-04	42.0	0.88	PASS	PASS	PASS	N/A	N/A	N/A
15	7732	EX3DV4	Head	750	1014	2024-07-01	42.2	0.91	PASS	PASS	PASS	N/A	N/A	N/A
7	7622	EX3DV4	Head	835	441	2024-12-04	41.6	0.90	PASS	PASS	PASS	N/A	N/A	N/A
7	7622	EX3DV4	Head	835	441	2024-12-04	41.6	0.90	PASS	PASS	PASS	GMSK	PASS	N/A
15	7732	EX3DV4	Head	835	441	2024-07-01	42.1	0.92	PASS	PASS	PASS	N/A	N/A	N/A
15	7732	EX3DV4	Head	835	441	2024-07-01	42.1	0.92	PASS	PASS	PASS	GMSK	PASS	N/A
4	3968	EX3DV4	Head	1750	2d007	2024-11-05	40.1	1.39	PASS	PASS	PASS	N/A	N/A	N/A
7	7622	EX3DV4	Head	1750	2d007	2024-12-04	40.2	1.36	PASS	PASS	PASS	N/A	N/A	N/A
4	3968	EX3DV4	Head	1900	5d061	2025-01-30	39.7	1.43	PASS	PASS	PASS	N/A	N/A	N/A
7	7622	EX3DV4	Head	1900	5d061	2025-02-01	39.7	1.41	PASS	PASS	PASS	N/A	N/A	N/A
7	7622	EX3DV4	Head	1900	5d061	2025-02-01	39.7	1.41	PASS	PASS	PASS	GMSK	PASS	N/A
15	7732	EX3DV4	Head	1900	5d061	2025-01-28	39.8	1.39	PASS	PASS	PASS	N/A	N/A	N/A
4	3968	EX3DV4	Head	2450	1049	2024-11-05	39.5	1.82	PASS	PASS	PASS	OFDM	N/A	PASS
4	3968	EX3DV4	Head	2600	1015	2024-11-05	39.3	1.95	PASS	PASS	PASS	N/A	N/A	N/A
4	3968	EX3DV4	Head	2600	1015	2024-11-05	39.3	1.95	PASS	PASS	PASS	TDD	PASS	N/A
14	7702	EX3DV4	Head	2600	1015	2025-01-30	39.1	1.93	PASS	PASS	PASS	N/A	N/A	N/A
14	7702	EX3DV4	Head	2600	1015	2025-01-30	39.1	1.93	PASS	PASS	PASS	TDD	PASS	N/A
13	7681	EX3DV4	Head	2600	1015	2024-12-04	39.0	1.94	PASS	PASS	PASS	N/A	N/A	N/A
13	7681	EX3DV4	Head	2600	1015	2024-12-04	39.0	1.94	PASS	PASS	PASS	TDD	PASS	N/A
8	7654	EX3DV4	Head	3500	1040	2025-01-25	38.0	2.97	PASS	PASS	PASS	N/A	N/A	N/A
14	7702	EX3DV4	Head	3500	1040	2025-01-26	38.1	2.94	PASS	PASS	PASS	N/A	N/A	N/A
8	7654	EX3DV4	Head	3700	1105	2024-09-30	38.0	3.15	PASS	PASS	PASS	N/A	N/A	N/A
14	7702	EX3DV4	Head	3700	1105	2025-01-26	37.4	3.14	PASS	PASS	PASS	N/A	N/A	N/A
8	7654	EX3DV4	Head	3900	1086	2024-05-31	37.3	3.30	PASS	PASS	PASS	N/A	N/A	N/A
14	7702	EX3DV4	Head	3900	1086	2025-01-26	37.3	3.35	PASS	PASS	PASS	N/A	N/A	N/A
7	7622	EX3DV4	Head	5250	1107	2024-12-04	35.6	4.71	PASS	PASS	PASS	OFDM	N/A	PASS
7	7622	EX3DV4	Head	5600	1107	2024-12-04	35.2	5.04	PASS	PASS	PASS	OFDM	N/A	PASS
7	7622	EX3DV4	Head	5750	1107	2024-12-04	35.6	5.23	PASS	PASS	PASS	OFDM	N/A	PASS
7	7622	EX3DV4	Head	5800	1107	2024-12-04	35.4	5.24	PASS	PASS	PASS	OFDM	N/A	PASS
14	7702	EX3DV4	Head	6500	1012	2025-01-28	34.5	6.10	PASS	PASS	PASS	OFDM	N/A	PASS

SAR System Validation Summary 1g

SAR System No.	Probe	Probe Type	Probe Calibration Point		Dipole	Date	Dielectric Parameters		CW Validation			Modulation Validation		
							Measured Permittivity	Measured Conductivity	Sensitivity	Probe Linearity	Probe Isotropy	MOD. Type	Duty Factor	PAR
5	3076	ES3DV3	Head	13	1016	2024-11-27	55.2	0.76	PASS	PASS	PASS	N/A	N/A	N/A

SAR System Validation Summary 10g

Note;

All measurement were performed using probes calibrated for CW signal only. Modulations in the table above represent test configurations for which the measurement system has been validated per FCC KDB Publication 865664 D01v01r04. SAR system were validated for modulated signals with a periodic duty cycle, such as GMSK, or with a high peak to average ratio (>5 dB), such as OFDM according to KDB 865664 D01v01r04.