

Appendix B. – SAR Test Plots

EUT Type: Mobile Phone
 Ambient Temperature: 21.5 °C
 Liquid Temperature: 21.3 °C
 Test Date: 2025/06/21
 Band: GSM 850 Head SAR_Ant.E
 Plot No.: A1
 Measurement Report for Device, TILT, GSM 850, GSM-FDD (TDMA, GMSK), Channel 190 (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
LeftHead, Head Simulating Liquid	TILT, 0.00	GSM 850	GSM, 10021-DAC	836.600, 190	9.44	0.926	42.3

Hardware Setup

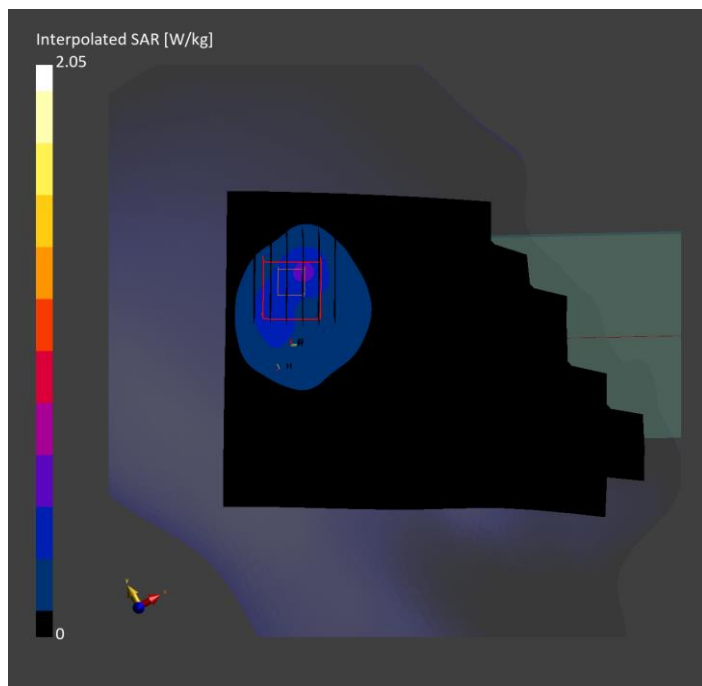
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 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
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.436	0.571
psSAR10g [W/kg]	0.263	0.262
Power Drift [dB]	0.01	-0.12



EUT Type: Mobile Phone
Ambient Temperature: 21.4 °C
Liquid Temperature: 21.2 °C
Test Date: 2025/07/07
Band: GSM 1900 Head SAR_Ant.A
Plot No.: A2

Measurement Report for Device, CHEEK, PCS 1900, GSM-FDD (TDMA, GMSK), Channel 661 (1880.000 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	PCS 1900	GSM, 10021-DAC	1880.000, 661	8.13	1.39	41.4

Hardware Setup

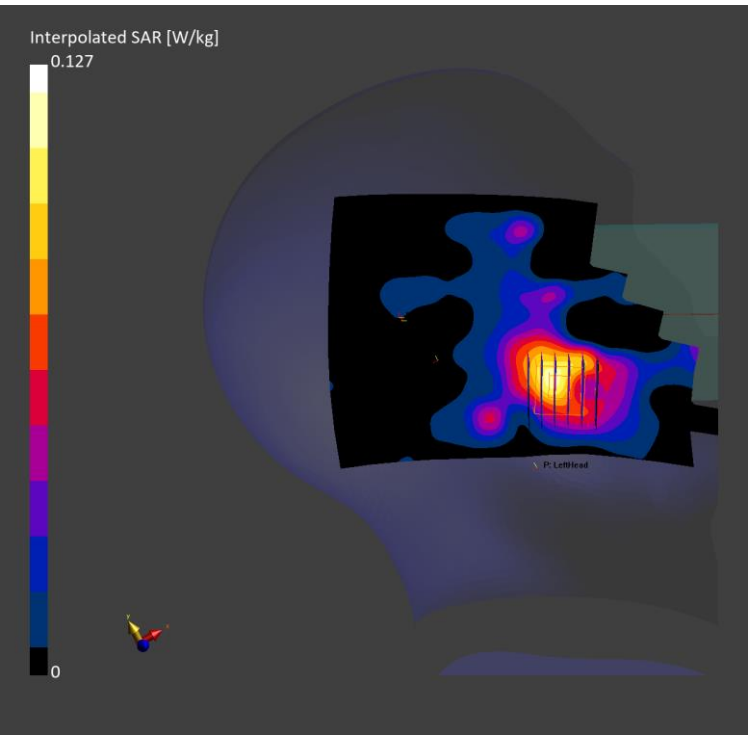
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn868, 2024-09-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.089	0.096
psSAR10g [W/Kg]	0.049	0.063
Power Drift [dB]	0.14	-0.14



EUT Type: Mobile Phone
 Ambient Temperature: 21.0 °C
 Liquid Temperature: 20.8 °C
 Test Date: 2025/06/23
 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
LeftHead, Head Simulating Liquid	CHEEK, 0.00	Band 5	WCDMA, 10011-CAC	836.600, 4183	9.44	0.931	41.9

Hardware Setup

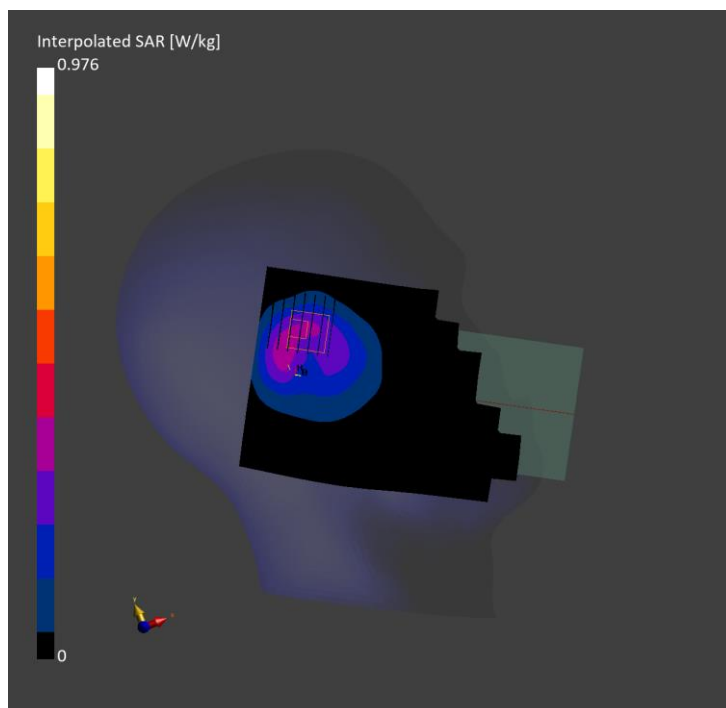
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.331	0.368
psSAR10g [W/Kg]	0.210	0.204
Power Drift [dB]	-0.06	-0.04



EUT Type: Mobile Phone
Ambient Temperature: 22.1 °C
Liquid Temperature: 22.0 °C
Test Date: 2025/06/19
Band: UMTS Band 4 Head SAR_Ant.A
Plot No.: A4

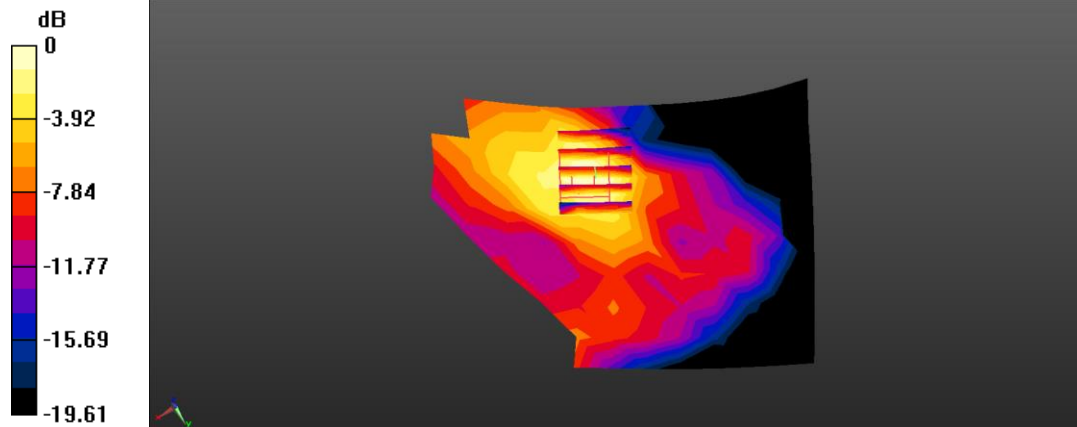
Communication System: UID 10011 - CAC, UMTS-FDD (WCDMA); Frequency: 1732.6 MHz; Duty Cycle: 1:1.95434
 Medium parameters used (interpolated): $f = 1732.6$ MHz; $\sigma = 1.327$ S/m; $\epsilon_r = 41.021$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(7.25, 8.18, 7.93) @ 1732.6 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- 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) = 0.203 W/kg

UMTS Band 4 Head Left Touch 1412ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 3.857 V/m; Power Drift = -0.12 dB
 Peak SAR (extrapolated) = 0.234 W/kg
SAR(1 g) = 0.154 W/kg; SAR(10 g) = 0.092 W/kg
 Maximum value of SAR (measured) = 0.209 W/kg



0 dB = 0.209 W/kg = -6.80 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 22.7 °C
 Liquid Temperature: 22.6 °C
 Test Date: 2025/06/18
 Band: UMTS Band 2 Head SAR_Ant.A
 Plot No.: A5

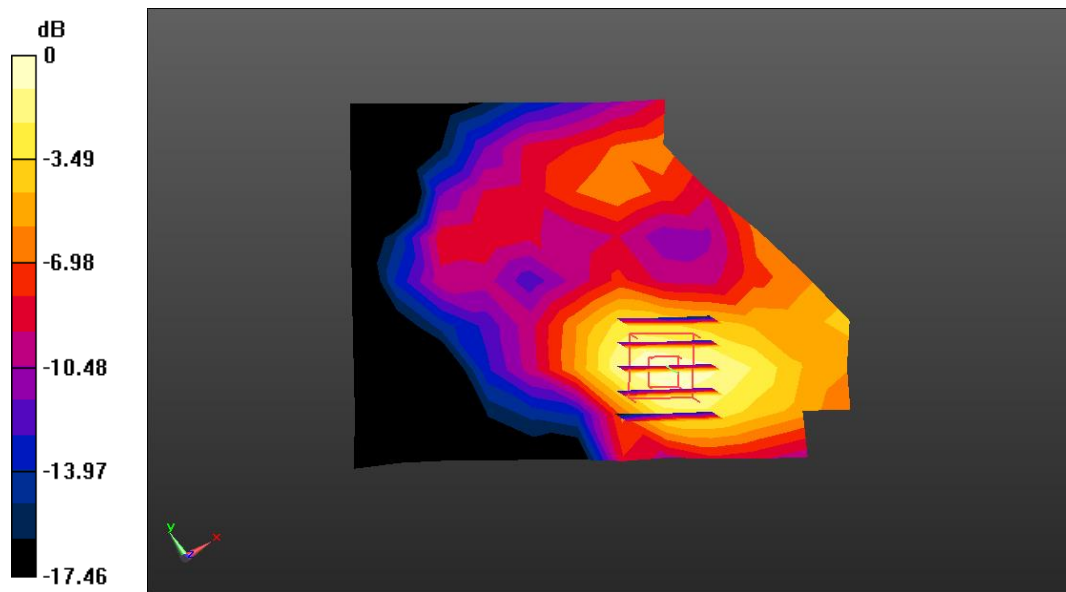
Communication System: UID 10011 - CAC, UMTS-FDD (WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:1.95434
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.397 \text{ S/m}$; $\epsilon_r = 40.361$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(7.1, 8.02, 7.77) @ 1880 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- 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: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.194 W/kg

UMTS Band 2 Head Left Touch 9400ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 4.691 V/m; Power Drift = -0.05 dB
 Peak SAR (extrapolated) = 0.217 W/kg
SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.086 W/kg
 Maximum value of SAR (measured) = 0.191 W/kg



0 dB = 0.191 W/kg = -7.19 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 20.8 °C
 Liquid Temperature: 20.7 °C
 Test Date: 2025/06/12
 Band: LTE FDD Band 5 Head SAR_Ant.E
 Plot No.: A6

Measurement Report for Device, TILT, Band 5, LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) RBPosition:Mid
 AntennaCfg:SISO, Channel 20525 (836.500 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
LeftHead, Head Simulating Liquid	TILT, 0.00	Band 5	LTE-FDD, 10154-CAH	836.500, 20525	9.44	0.903	43.0

Hardware Setup

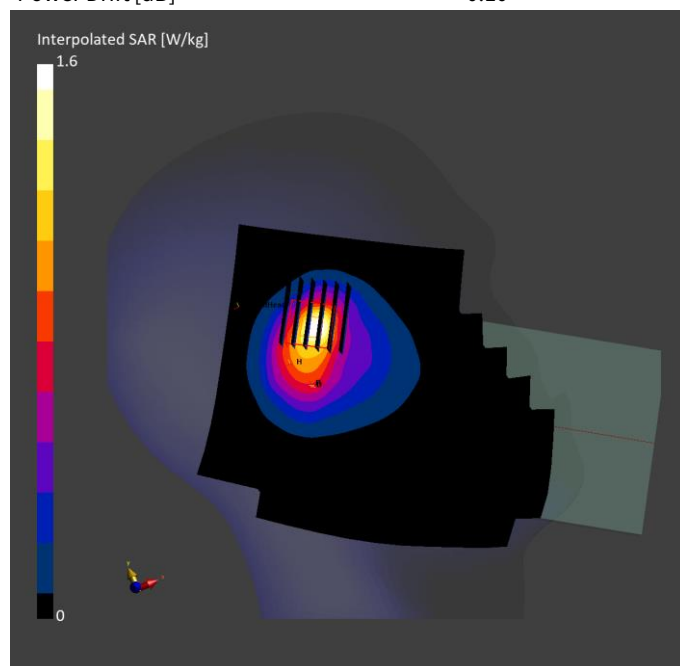
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	150.0 x 210.0	30.0 x 30.0 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
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.489	0.519
psSAR10g [W/Kg]	0.286	0.239
Power Drift [dB]	0.10	-0.01



EUT Type: Mobile Phone
 Ambient Temperature: 21.6 °C
 Liquid Temperature: 21.5 °C
 Test Date: 2025/07/04
 Band: LTE FDD Band 12 Head SAR_Ant.E
 Plot No.: A7

Measurement Report for Device, CHEEK, 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
LeftHead, Head Simulating Liquid	CHEEK, 0.00	Band 12	LTE-FDD, 10154-CAH	707.500, 23095	9.71	0.870	43.2

Hardware Setup

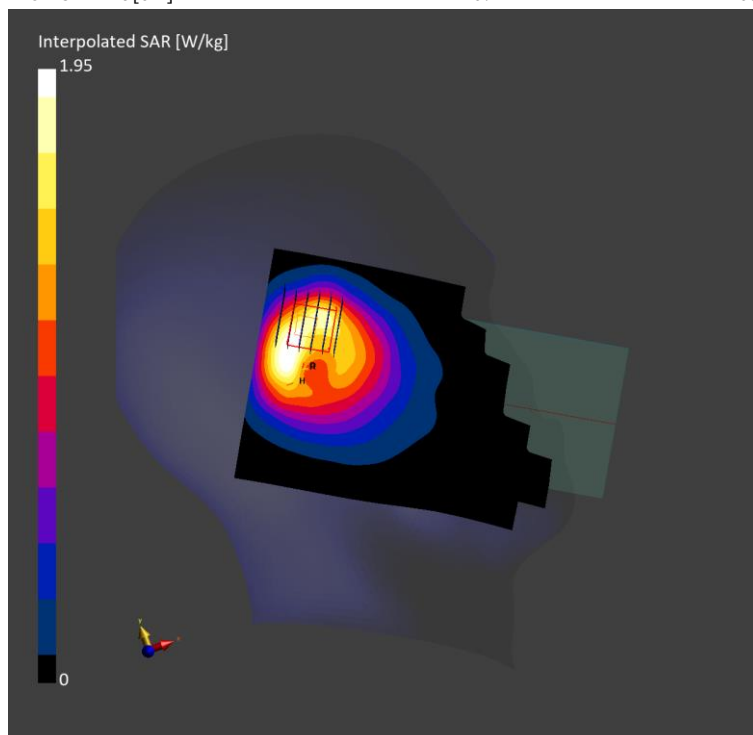
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn868, 2024-09-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.793	0.883
psSAR10g [W/Kg]	0.509	0.492
Power Drift [dB]	-0.11	-0.03



EUT Type: Mobile Phone
 Ambient Temperature: 21.3 °C
 Liquid Temperature: 21.1 °C
 Test Date: 2025/06/10
 Band: LTE FDD Band 13 Head SAR_Ant.E
 Plot No.: A8
 Measurement Report for Device, CHEEK, Band 13, LTE-FDD (SC-FDMA, 50% 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
LeftHead, Head Simulating Liquid	CHEEK, 0.00	Band 13	LTE-FDD, 10154-CAH	782.000, 23230	9.71	0.892	42.9

Hardware Setup

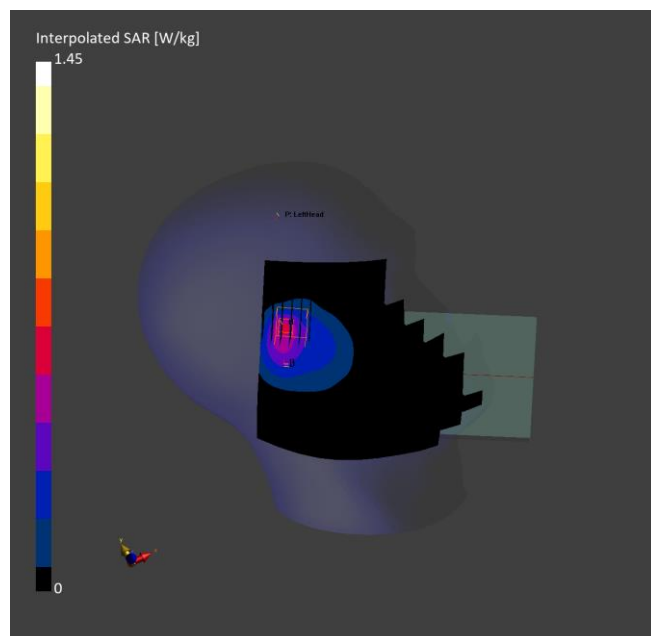
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	150.0 x 210.0	30.0 x 30.0 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.526	0.511
psSAR10g [W/Kg]	0.329	0.273
Power Drift [dB]	-0.01	-0.01



EUT Type: Mobile Phone
 Ambient Temperature: 21.5 °C
 Liquid Temperature: 21.3 °C
 Test Date: 2025/06/24
 Band: LTE FDD Band 25 Head SAR_Ant.F
 Plot No.: A9
 Measurement Report for Device, TILT, Band 25, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid
 AntennaCfg:SISO, Channel 26140 (1860.000 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
RightHead, Head Simulating Liquid	TILT, 0.00	Band 25	LTE-FDD, 10169-CAF	1860.000, 26140	8.13	1.39	40.8

Hardware Setup

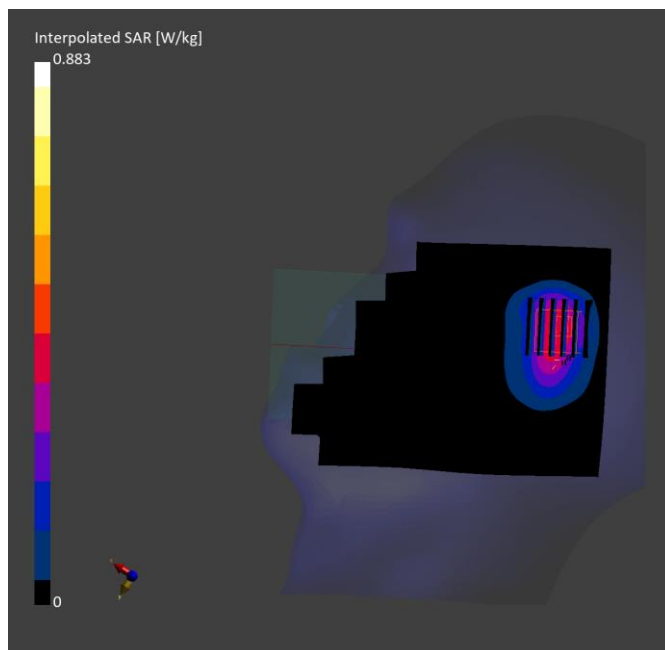
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.362	0.481
psSAR10g [W/Kg]	0.209	0.244
Power Drift [dB]	0.06	-0.01



EUT Type: Mobile Phone
Ambient Temperature: 20.6 °C
Liquid Temperature: 20.4 °C
Test Date: 2025/06/17
Band: LTE FDD Band 26 Head SAR_Ant.E
Plot No.: A10
Measurement Report for Device, TILT, Band 26, LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK) RBPosition:Mid
AntennaCfg:SISO, Channel 26865 (831.500 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
LeftHead, Head Simulating Liquid	TILT, 0.00	Band 26	LTE-FDD, 10160-CAF	831.500, 26865	9.44	0.907	43.3

Hardware Setup

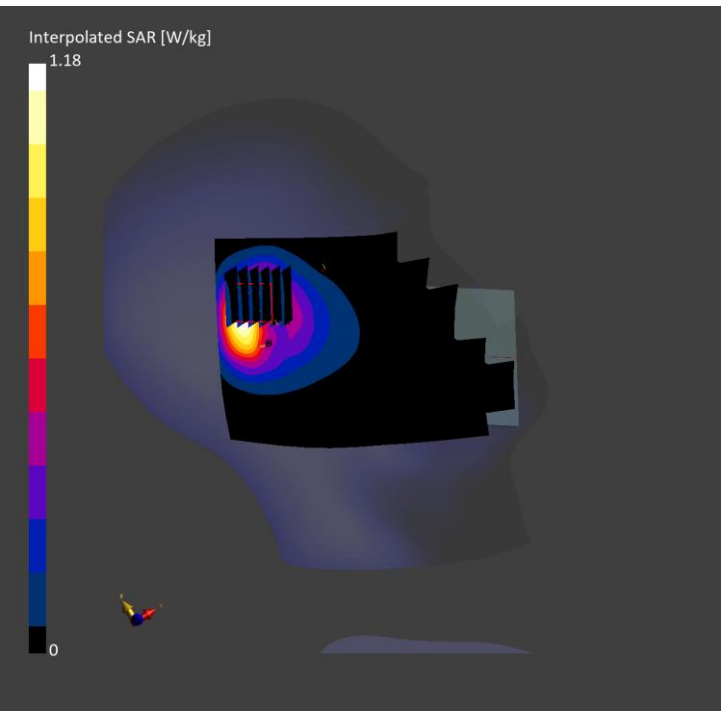
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 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
Grading Ratio	N/A	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.404	0.418
psSAR10g [W/Kg]	0.240	0.211
Power Drift [dB]	-0.01	-0.02



EUT Type: Mobile Phone
 Ambient Temperature: 22.4 °C
 Liquid Temperature: 22.3 °C
 Test Date: 2025/06/18
 Band: LTE TDD Band 41 Head SAR_Ant.F
 Plot No.: A11

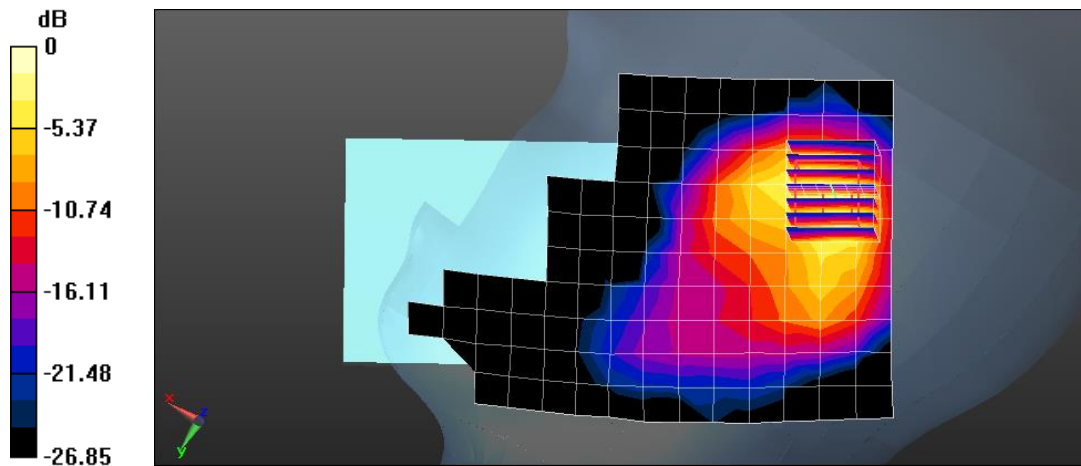
Communication System: UID 10435 - AAF, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9);
 Frequency: 2506 MHz; Duty Cycle: 1:6.05899
 Medium parameters used (interpolated): $f = 2506$ MHz; $\sigma = 1.898$ S/m; $\epsilon_r = 39.755$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(4.32, 4.65, 4.64) @ 2506 MHz; Calibrated: 2024-07-17
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- 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 Right Touch QPSK 20MHz 1RB 0offset 39750ch/Area Scan (11x17x1): Measurement grid:
 dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.514 W/kg

LTE Band 41 Head Right Touch QPSK 20MHz 1RB 0offset 39750ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid:
 dx=5mm, dy=5mm, dz=5mm
 Reference Value = 10.19 V/m; Power Drift = 0.09 dB
 Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.475 W/kg; SAR(10 g) = 0.193 W/kg
 Maximum value of SAR (measured) = 0.664 W/kg



0 dB = 0.664 W/kg = -1.78 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 20.8 °C
 Liquid Temperature: 20.6 °C
 Test Date: 2025/06/26
 Band: LTE FDD Band 66 Head SAR_Ant.F
 Plot No.: A12
 Measurement Report for Device, TILT, Band 66, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid
 AntennaCfg:SISO, Channel 132072 (1720.000 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
RightHead, Head Simulating Liquid	TILT, 0.00	Band 66	LTE-FDD, 10169-CAF	1720.000, 132072	8.47	1.30	40.6

Hardware Setup

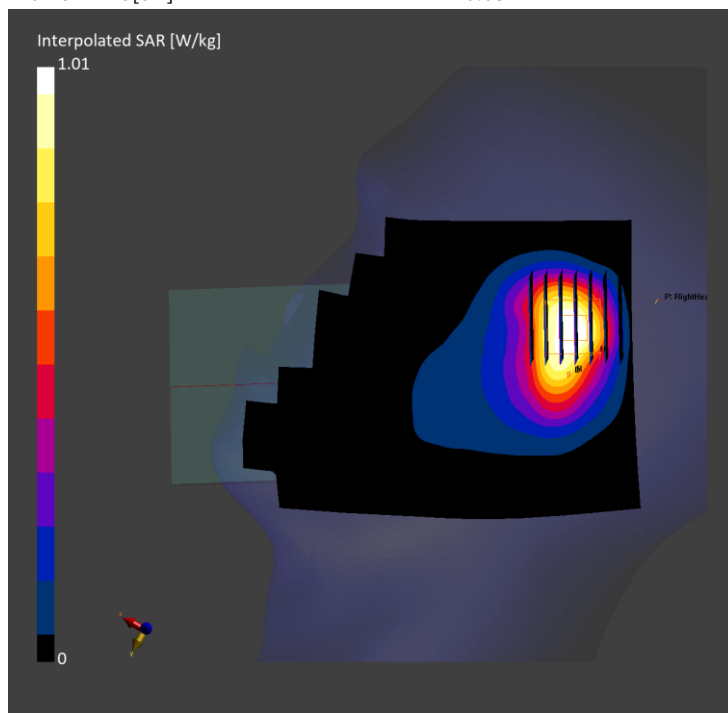
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.346	0.478
psSAR10g [W/Kg]	0.205	0.242
Power Drift [dB]	0.03	-0.01



EUT Type: Mobile Phone
 Ambient Temperature: 21.1 °C
 Liquid Temperature: 21.0 °C
 Test Date: 2025/06/28
 Band: NR FDD Band n5 Head SAR_Ant.E
 Plot No.: A13
 Measurement Report for Device, CHEEK, Band n5, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)
 RBPosition:Mid AntennaCfg:SISO, Channel 167300 (836.500 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
LeftHead, Head Simulating Liquid	CHEEK, 0.00	Band n5	5G NR FR1 FDD, 10931-AAC	836.500, 167300	9.44	0.917	43.1

Hardware Setup

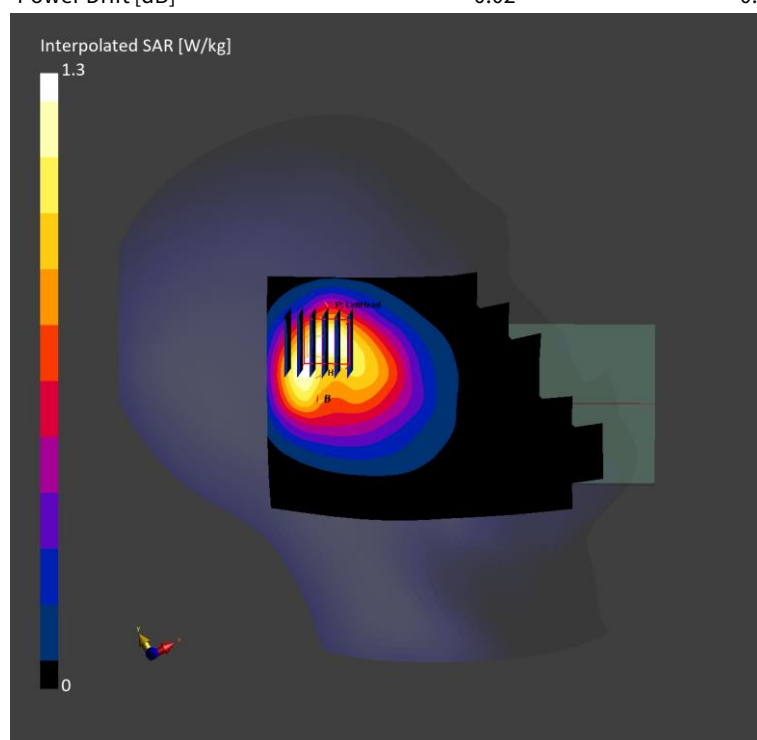
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.432	0.532
psSAR10g [W/Kg]	0.284	0.294
Power Drift [dB]	-0.02	-0.02



EUT Type: Mobile Phone
 Ambient Temperature: 22.3 °C
 Liquid Temperature: 22.1 °C
 Test Date: 2025/06/21
 Band: NR FDD Band n25 Head SAR_Ant.F
 Plot No.: A14

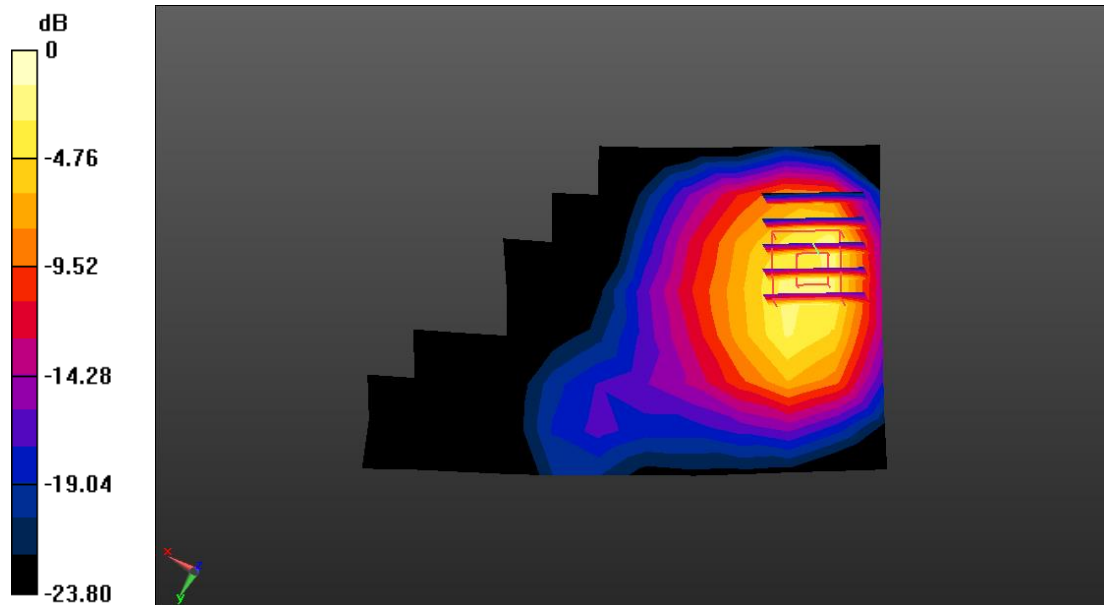
Communication System: UID 10934 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1882.5 MHz; Duty Cycle: 1:3.55877
 Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.4$ S/m; $\epsilon_r = 40.364$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.34, 7.57, 7.4) @ 1882.5 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- 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 Right Tilt CP QPSK 40MHz 1RB 1offset 376500ch/Area Scan (8x14x1): Measurement grid:
 dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.495 W/kg

NR Band n25 Head Right Tilt CP QPSK 40MHz 1RB 1offset 376500ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
 dx=8mm, dy=8mm, dz=5mm
 Reference Value = 21.38 V/m; Power Drift = 0.01 dB
 Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.509 W/kg; SAR(10 g) = 0.247 W/kg
 Maximum value of SAR (measured) = 0.866 W/kg



0 dB = 0.866 W/kg = -0.62 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 21.8 °C
 Liquid Temperature: 21.6 °C
 Test Date: 2025/07/07
 Band: NR TDD Band n41 Head SAR_Ant.F
 Plot No.: A15

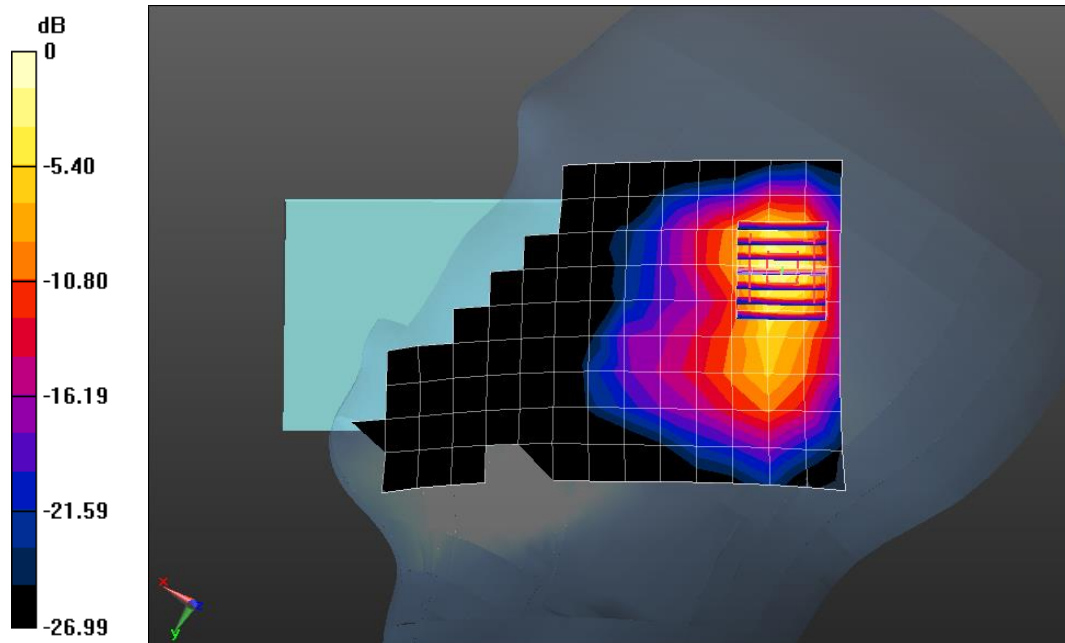
Communication System: UID 10868 - AAD, 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz); Frequency: 2592.99 MHz; Duty Cycle: 1:3.88597
 Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 1.966$ S/m; $\epsilon_r = 38.678$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(6.76, 6.97, 6.82) @ 2592.99 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- 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 Right Tilt DFT-s QPSK 100MHz 270RB 0offset 518598ch/Area Scan (10x17x1): Measurement grid:
 $dx=12$ mm, $dy=12$ mm
 Maximum value of SAR (measured) = 1.11 W/kg

SM-S731B/NR Band n41 Head Right Tilt DFT-s QPSK 100MHz 270RB 0offset 518598ch/Zoom Scan (7x7x7)/Cube 0:
 Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 15.07 V/m; Power Drift = -0.11 dB
 Peak SAR (extrapolated) = 2.03 W/kg
SAR(1 g) = 0.830 W/kg; SAR(10 g) = 0.316 W/kg
 Maximum value of SAR (measured) = 1.60 W/kg



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

EUT Type: Mobile Phone
 Ambient Temperature: 22.1 °C
 Liquid Temperature: 22.0 °C
 Test Date: 2025/06/24
 Band: NR FDD Band n66 Head SAR_Ant.F
 Plot No.: A16

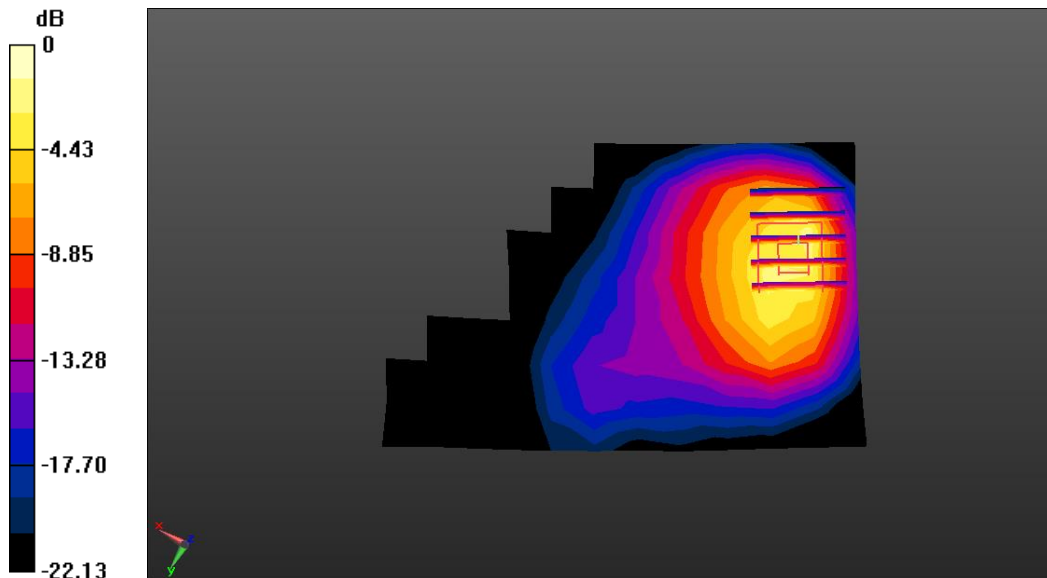
Communication System: UID 10934 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1745 MHz; Duty Cycle: 1:3.55877
 Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.309$ S/m; $\epsilon_r = 40.635$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.59, 7.83, 7.65) @ 1745 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- 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 Right Tilt CP QPSK 40MHz 1RB 1offset 349000ch/Area Scan (8x14x1): Measurement grid:
 dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.554 W/kg

NR Band n66 Head Right Tilt CP QPSK 40MHz 1RB 1offset 349000ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
 dx=8mm, dy=8mm, dz=5mm
 Reference Value = 22.48 V/m; Power Drift = 0.06 dB
 Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.578 W/kg; SAR(10 g) = 0.286 W/kg
 Maximum value of SAR (measured) = 0.968 W/kg



0 dB = 0.968 W/kg = -0.14 dBW/kg

EUT Type: Mobile Phone
Ambient Temperature: 21.4 °C
Liquid Temperature: 21.2 °C
Test Date: 2025/07/03
Band: NR TDD Band n77 Head SAR_Ant.F
Plot No.: A17
Measurement Report for Device, TILT, Band n77, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)
RBPosition:Mid AntennaCfg:SISO, Channel 662000 (3930.000 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
RightHead, Head Simulating Liquid	TILT, 0.00	Band n77	5G NR FR1 TDD, 10866-AAF	3930.000, 662000	6.81	3.35	37.5

Hardware Setup

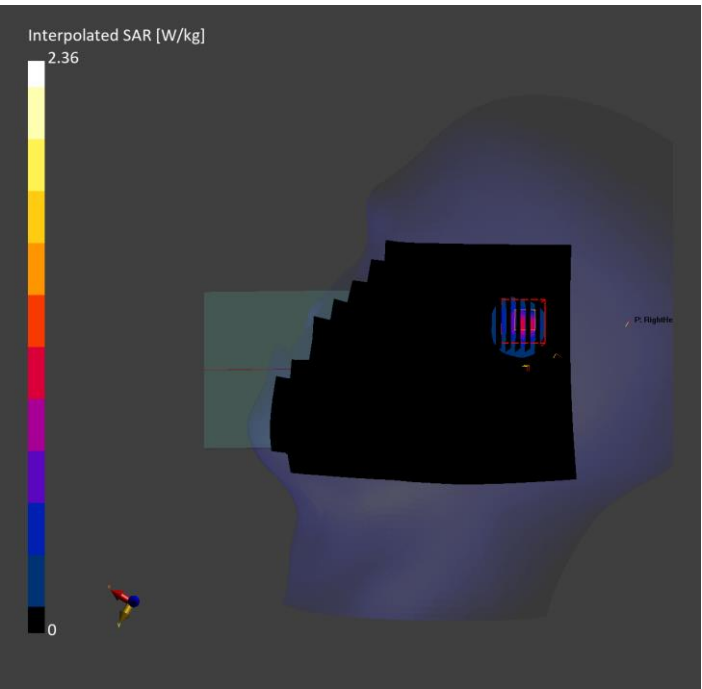
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn868, 2024-09-19

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	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.702	0.735
psSAR10g [W/kg]	0.229	0.234
Power Drift [dB]	-0.10	0.07



EUT Type: Mobile Phone
 Ambient Temperature: 22.4 °C
 Liquid Temperature: 22.3 °C
 Test Date: 2025/06/25
 Band: WLAN 2.4 GHz Head SAR_Ant.H
 Plot No.: A18

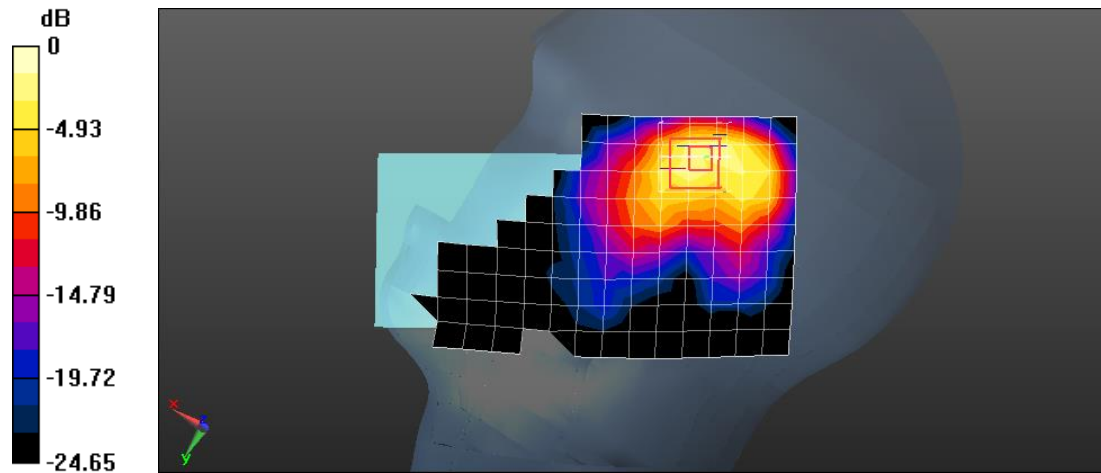
Communication System: UID 10415 - AAA, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle); Frequency: 2462 MHz; Duty Cycle: 1:1.4243
 Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.768$ S/m; $\epsilon_r = 40.585$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(4.46, 4.8, 4.79) @ 2462 MHz; Calibrated: 2024-07-17
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- 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)

802.11b Head Right Touch 1Mbps 11ch/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.398 W/kg

802.11b Head Right Touch 1Mbps 11ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 5.333 V/m; Power Drift = 0.15 dB
 Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.421 W/kg; SAR(10 g) = 0.179 W/kg
 Maximum value of SAR (measured) = 0.597 W/kg



0 dB = 0.597 W/kg = -2.24 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 22.4 °C
 Liquid Temperature: 22.3 °C
 Test Date: 2025/06/25
 Band: WLAN 5 GHz Head SAR_Ant.H
 Plot No.: A19
 Measurement Report for Device, CHEEK, U-NII-1, U-NII-2A, IEEE 802.11ac WiFi (80MHz, MCS0, 90pc 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
RightHead, HSL	CHEEK, 0.00	U-NII-1, U-NII-2A	WLAN, 10626-AAC	5290.0, 58	5.03	4.81	35.8

Hardware Setup

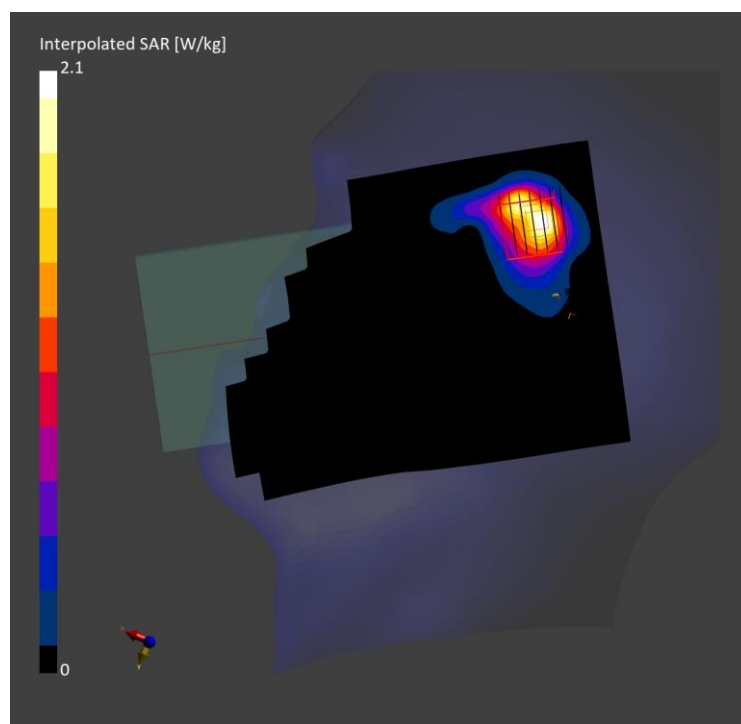
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1254, 2025-05-21

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	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Grading Ratio	n/a	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.457	0.524
psSAR10g [W/Kg]	0.172	0.176
Power Drift [dB]	-0.17	0.16



EUT Type: Mobile Phone
 Ambient Temperature: 19.4 °C
 Liquid Temperature: 19.2 °C
 Test Date: 2025/06/24
 Band: WLAN 6 GHz Head SAR_Ant.H
 Plot No.: A20
 Measurement Report for Device, CHEEK, U-NII-5, IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle), Channel 47 (6185.0 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, 10743-AAC	6185.0, 47	5.45	5.59	34.9

Hardware Setup

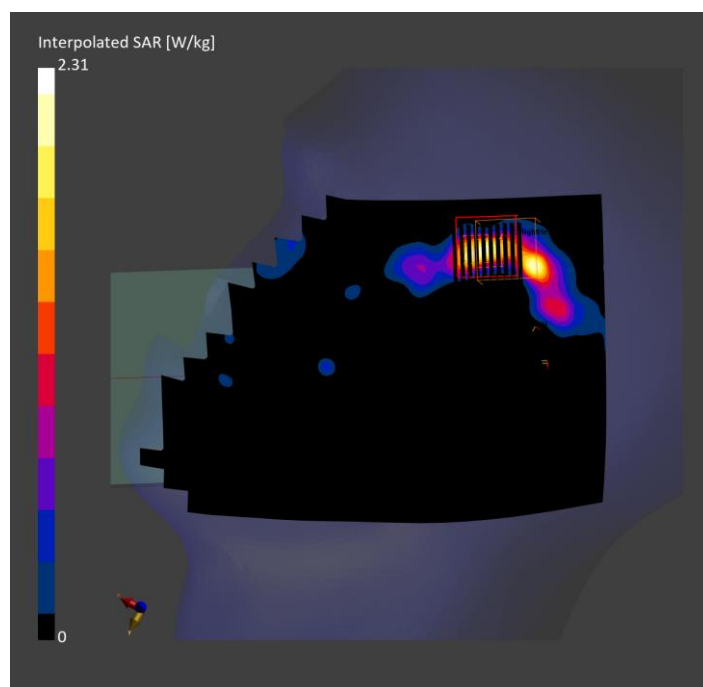
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1254, 2025-05-21

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	2.6 x 2.6 x 1.2
Sensor Surface [mm]	3.0	1.4
Grading Ratio	n/a	1.2

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.057	0.070
psSAR10g [W/kg]	0.016	0.017
psAPD (1.0cm2, sq) [W/m2]		0.702
psAPD (4.0cm2, sq) [W/m2]		0.397
Power Drift [dB]	0.19	-0.16



EUT Type: Mobile Phone
 Ambient Temperature: 21.7 °C
 Liquid Temperature: 21.6 °C
 Test Date: 2025/07/09
 Band: Bluetooth Head SAR_Ant.H
 Plot No.: A21

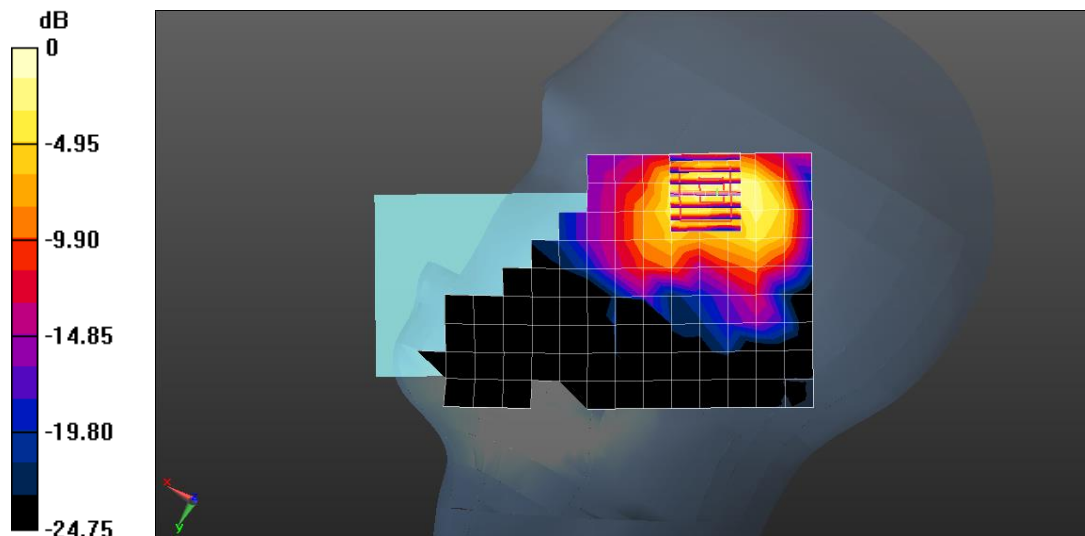
Communication System: UID 10670 - AAA, Bluetooth Low Energy; Frequency: 2402 MHz; Duty Cycle: 1:1.65653
 Medium parameters used (interpolated): $f = 2402$ MHz; $\sigma = 1.759$ S/m; $\epsilon_r = 39.012$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(6.86, 7.07, 6.91) @ 2402 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- 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)

Bluetooth LE Head Right Touch 1M 255 37ch/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.308 W/kg

Bluetooth LE Head Right Touch 1M 255 37ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 5.798 V/m; Power Drift = -0.10 dB
 Peak SAR (extrapolated) = 0.496 W/kg
SAR(1 g) = 0.215 W/kg; SAR(10 g) = 0.095 W/kg
 Maximum value of SAR (measured) = 0.394 W/kg



0 dB = 0.394 W/kg = -4.05 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 21.7 °C
 Liquid Temperature: 21.6 °C
 Test Date: 2025/06/20
 Band: GSM 850 Body SAR_Ant.A
 Plot No.: B1
 Measurement Report for Device, BACK, GSM 850, GPRS-FDD (TDMA, GMSK, TN 0), Channel 190 (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
Flat, Head Simulating Liquid	BACK, 5.00	GSM 850	GSM, 10023-DAC	836.600, 190	9.44	0.921	41.9

Hardware Setup

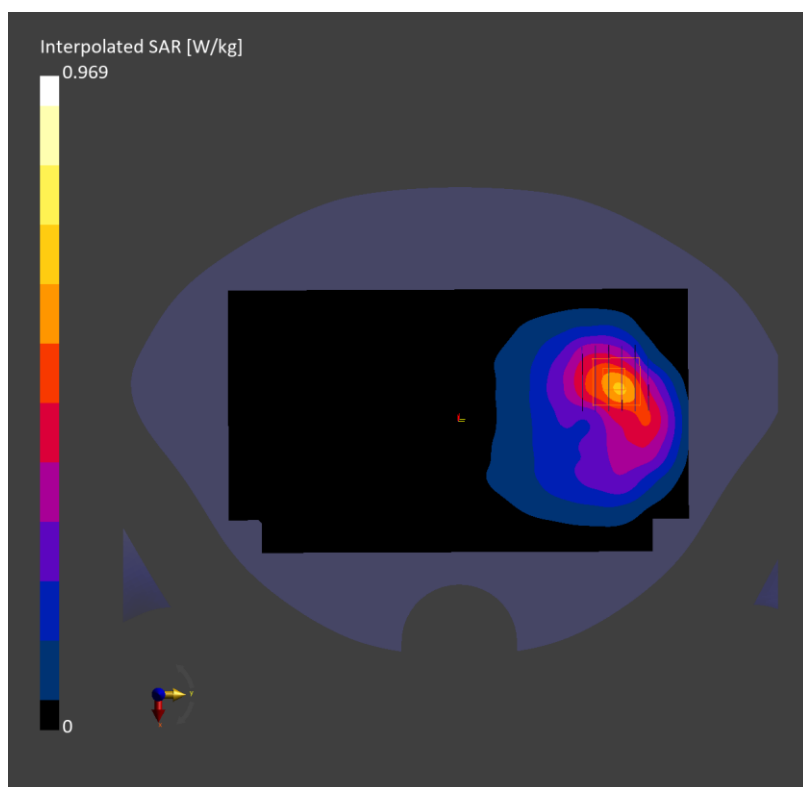
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.554	0.573
psSAR10g [W/Kg]	0.346	0.348
Power Drift [dB]	0.12	0.03



EUT Type: Mobile Phone
 Ambient Temperature: 22.5 °C
 Liquid Temperature: 22.4 °C
 Test Date: 2025/06/22
 Band: GSM 1900 Body SAR_Ant.A
 Plot No.: B2

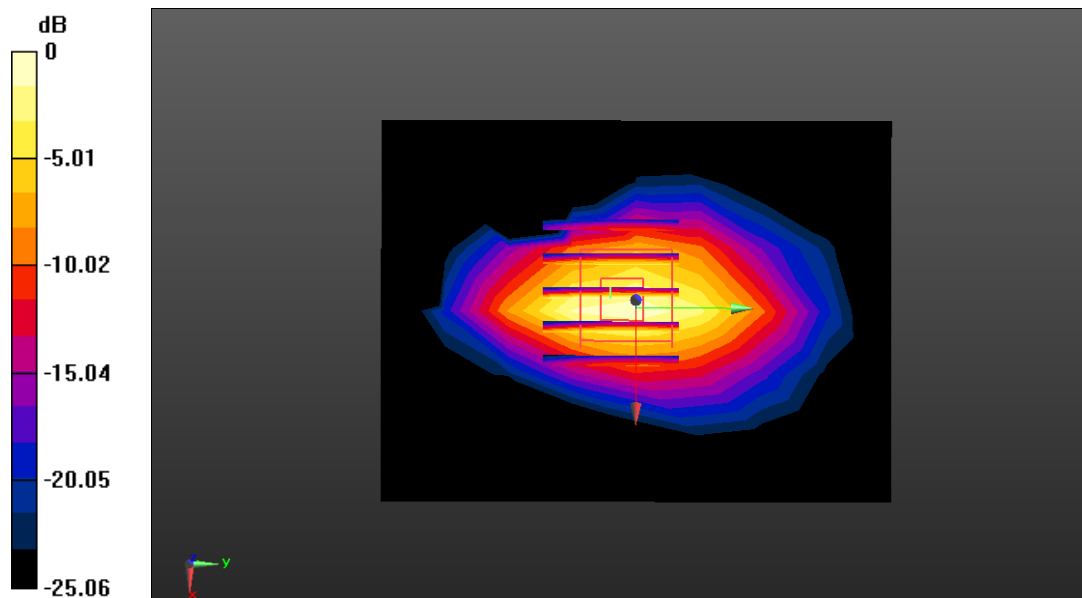
Communication System: UID 10028 - DAC, GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 1909.8 MHz; Duty Cycle: 1:2.26569
 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.428$ S/m; $\epsilon_r = 40.623$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.34, 7.57, 7.4) @ 1909.8 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

GSM1900 4Tx Body Bottom 810ch/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 1.34 W/kg

GSM1900 4Tx Body Bottom 810ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 32.44 V/m; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 0.851 W/kg; SAR(10 g) = 0.387 W/kg
 Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 1.41 W/kg = 1.49 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 21.6 °C
 Liquid Temperature: 21.5 °C
 Test Date: 2025/06/22
 Band: UMTS Band 5 Body SAR_Ant.A
 Plot No.: B3
 Measurement Report for Device, BACK, 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
Flat, Head Simulating Liquid	BACK, 5.00	Band 5	WCDMA, 10011-CAC	836.600, 4183	9.44	0.931	41.3

Hardware Setup

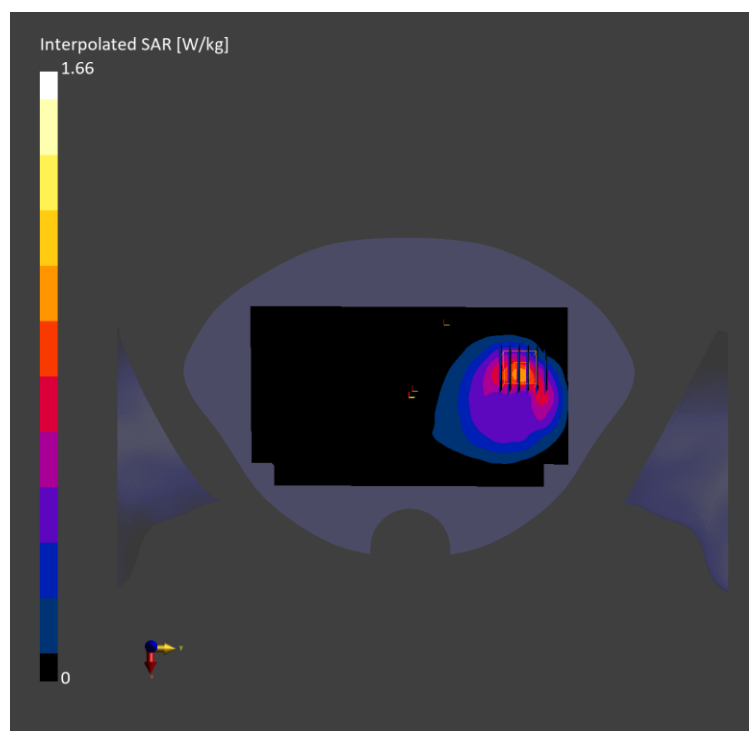
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.879	0.895
psSAR10g [W/Kg]	0.534	0.512
Power Drift [dB]	0.02	0.07



EUT Type: Mobile Phone
 Ambient Temperature: 22.1 °C
 Liquid Temperature: 22.0 °C
 Test Date: 2025/06/19
 Band: UMTS Band 4 Body SAR_Ant.A
 Plot No.: B4

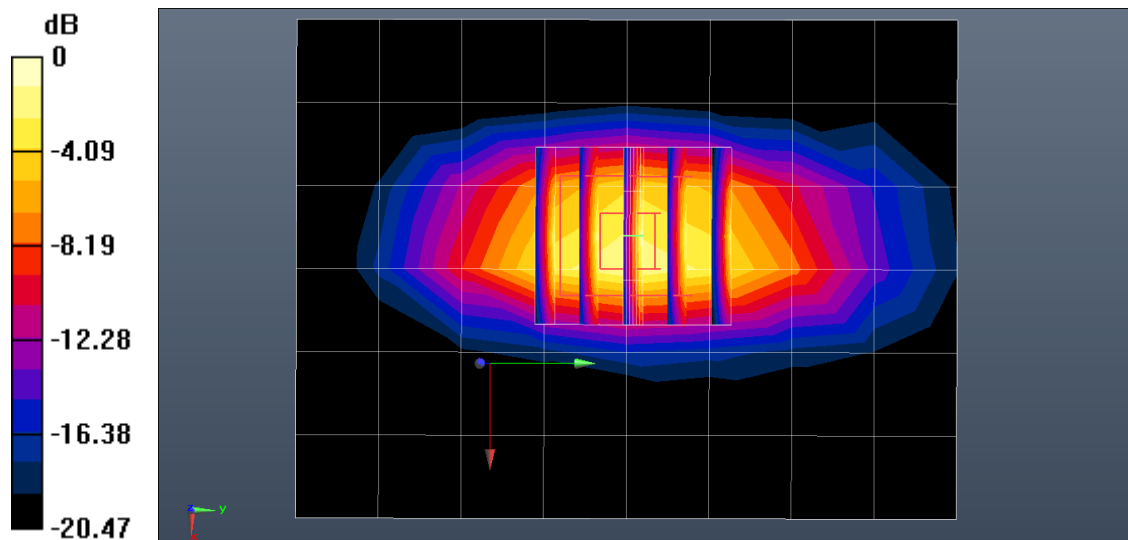
Communication System: UID 10011 - CAC, UMTS-FDD (WCDMA); Frequency: 1712.4 MHz; Duty Cycle: 1:1.95434
 Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.316$ S/m; $\epsilon_r = 41.008$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(7.25, 8.18, 7.93) @ 1712.4 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

UMTS Band 4 Body Bottom 1312ch/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 1.01 W/kg

UMTS Band 4 Body Bottom 1312ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 29.49 V/m; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 0.877 W/kg; SAR(10 g) = 0.422 W/kg
 Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 22.7 °C
 Liquid Temperature: 22.6 °C
 Test Date: 2025/06/18
 Band: UMTS Band 2 Body SAR_Ant.A
 Plot No.: B5

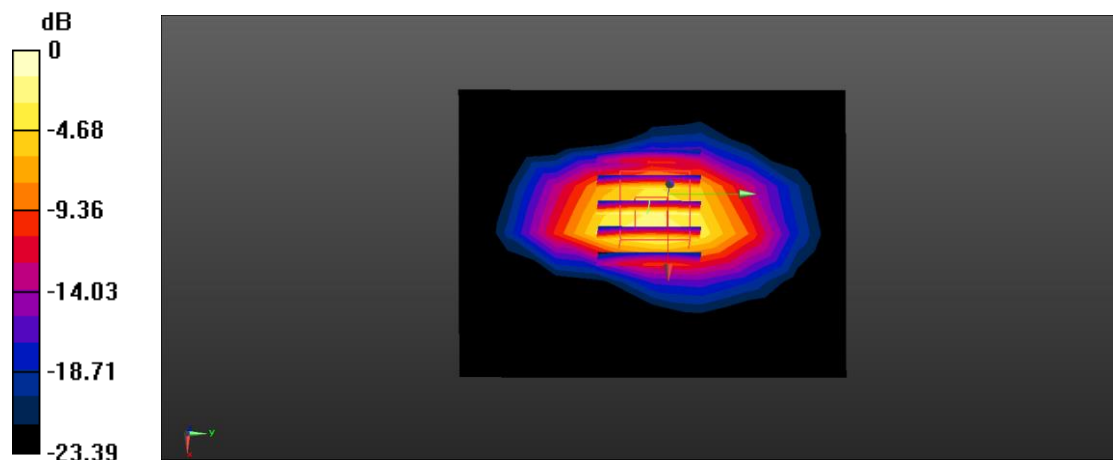
Communication System: UID 10011 - CAC, UMTS-FDD (WCDMA); Frequency: 1880 MHz; Duty Cycle: 1:1.95434
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.397 \text{ S/m}$; $\epsilon_r = 40.361$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(7.1, 8.02, 7.77) @ 1880 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- 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 Body Bottom 9400ch/Area Scan (7x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 1.16 W/kg

UMTS Band 2 Body Bottom 9400ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 30.77 V/m; Power Drift = 0.12 dB
 Peak SAR (extrapolated) = 1.90 W/kg
SAR(1 g) = 0.980 W/kg; SAR(10 g) = 0.454 W/kg
 Maximum value of SAR (measured) = 1.61 W/kg



0 dB = 1.61 W/kg = 2.07 dBW/kg

EUT Type: Mobile Phone
Ambient Temperature: 21.0 °C
Liquid Temperature: 20.9 °C
Test Date: 2025/06/11
Band: LTE FDD Band 5 Body SAR_Ant.A
Plot No.: B6
Measurement Report for Device, BACK, Band 5, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid
AntennaCfg:SISO, Channel 20525 (836.500 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, 5.00	Band 5	LTE-FDD, 10175- CAH	836.500, 20525	9.44	0.919	42.7

Hardware Setup

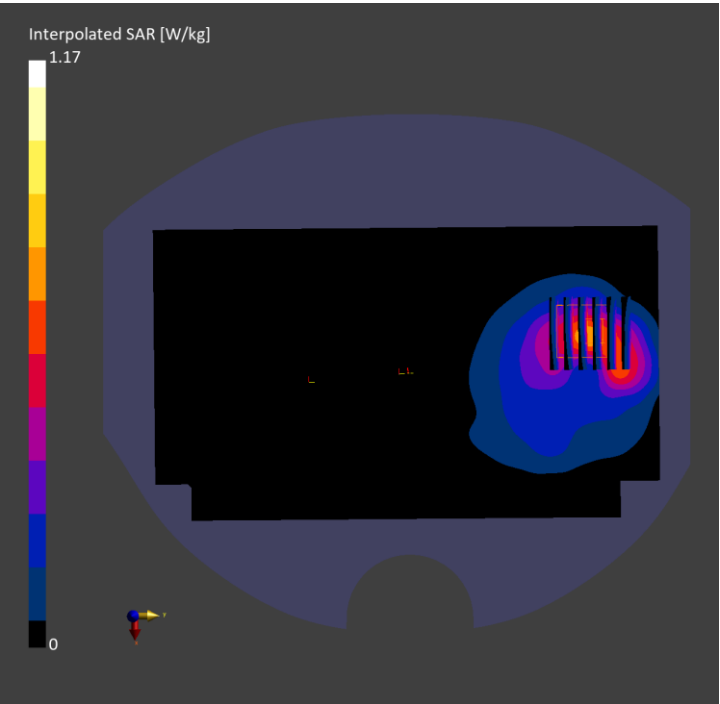
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.611	0.647
psSAR10g [W/kg]	0.369	0.371
Power Drift [dB]	-0.10	-0.07



EUT Type: Mobile Phone
 Ambient Temperature: 20.8 °C
 Liquid Temperature: 20.7 °C
 Test Date: 2025/06/13
 Band: LTE FDD Band 12 Body SAR_Ant.E
 Plot No.: B7
 Measurement Report for Device, BACK, Band 12, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) 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, 5.00	Band 12	LTE-FDD, 10175-CAH	707.500, 23095	9.71	0.859	43.5

Hardware Setup

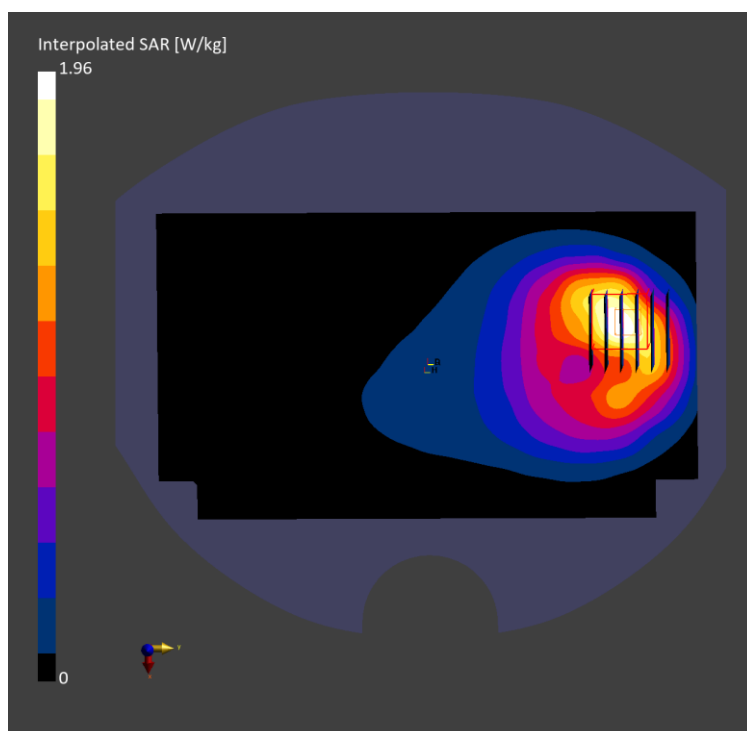
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.827	0.913
psSAR10g [W/Kg]	0.530	0.488
Power Drift [dB]	-0.18	-0.06



EUT Type: Mobile Phone
 Ambient Temperature: 21.0 °C
 Liquid Temperature: 20.9 °C
 Test Date: 2025/06/19
 Band: LTE FDD Band 13 Body SAR_Ant.A
 Plot No.: B8
 Measurement Report for Device, BACK, Band 13, LTE-FDD (SC-FDMA, 50% 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, 10154-CAH	782.000, 23230	9.71	0.876	43.2

Hardware Setup

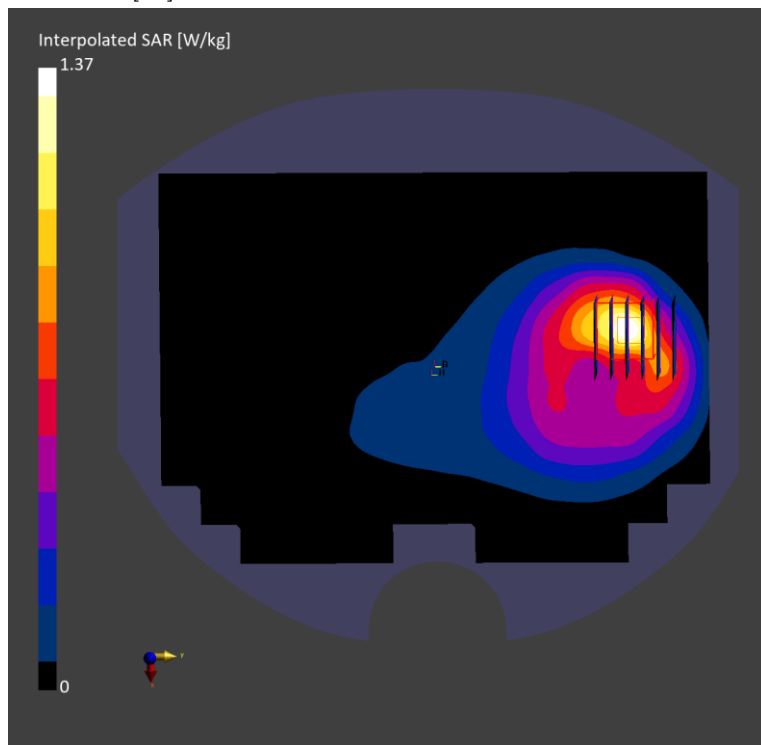
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	150.0 x 210.0	30.0 x 30.0 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.702	0.704
psSAR10g [W/Kg]	0.421	0.400
Power Drift [dB]	-0.06	0.04



EUT Type: Mobile Phone
 Ambient Temperature: 21.4 °C
 Liquid Temperature: 21.3 °C
 Test Date: 2025/06/18
 Band: LTE FDD Band 25 Body SAR_Ant.A
 Plot No.: B9
 Measurement Report for Device, EDGE BOTTOM, Band 25, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid
 AntennaCfg:SISO, Channel 26365 (1882.500 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 25	LTE-FDD, 10169-CAF	1882.500, 26365	8.13	1.41	40.4

Hardware Setup

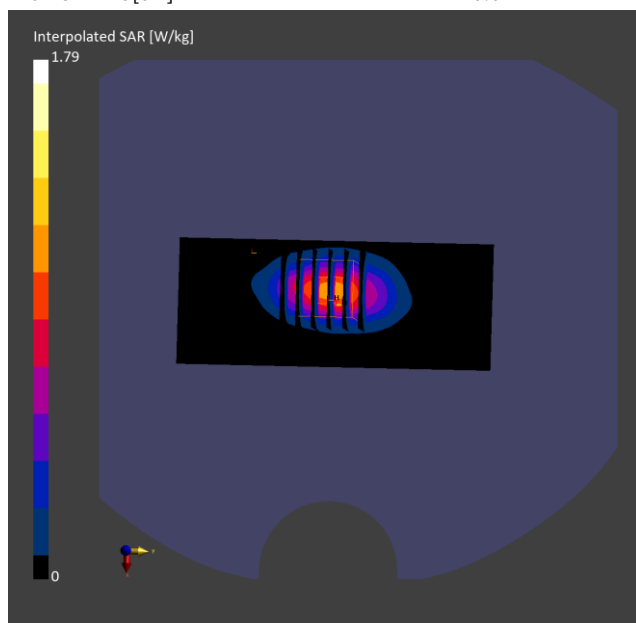
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.900	0.962
psSAR10g [W/Kg]	0.448	0.483
Power Drift [dB]	-0.01	-0.00



EUT Type: Mobile Phone
Ambient Temperature: 20.6 °C
Liquid Temperature: 20.4 °C
Test Date: 2025/06/17
Band: LTE FDD Band 26 Body SAR_Ant.E
Plot No.: B10
Measurement Report for Device, BACK, Band 26, LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK) RBPosition:Mid
AntennaCfg:SISO, Channel 26865 (831.500 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, 5.00	Band 26	LTE-FDD, 10160- CAF	831.500, 26865	9.44	0.907	43.3

Hardware Setup

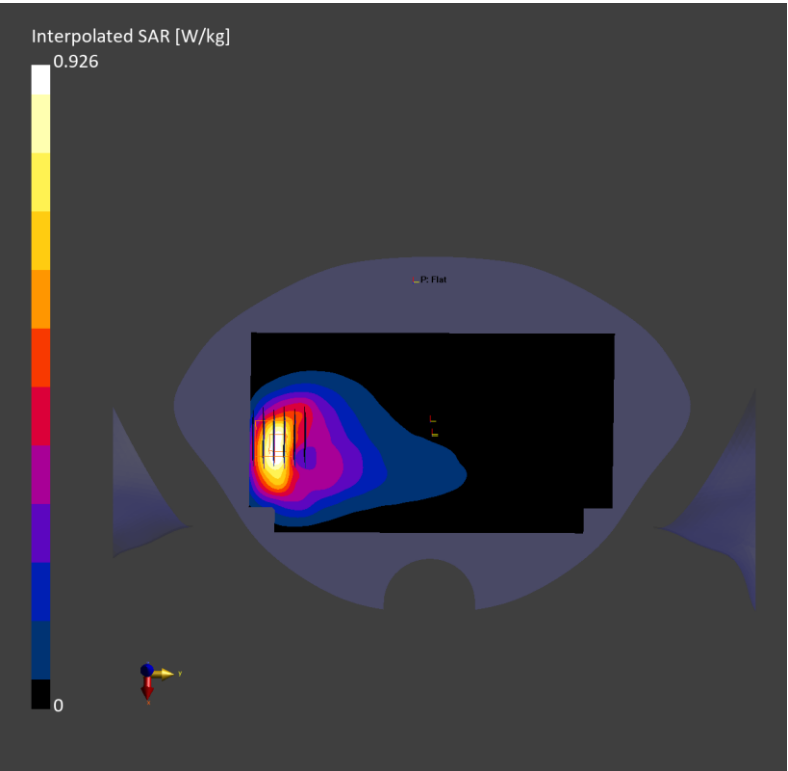
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.459	0.481
psSAR10g [W/Kg]	0.280	0.257
Power Drift [dB]	-0.09	-0.04



EUT Type: Mobile Phone
 Ambient Temperature: 22.3 °C
 Liquid Temperature: 22.1 °C
 Test Date: 2025/06/17
 Band: LTE TDD Band 41 Body SAR_Ant.B
 Plot No.: B11

Communication System: UID 10435 - AAF, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9);
 Frequency: 2680 MHz; Duty Cycle: 1:6.05899
 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.052$ S/m; $\epsilon_r = 38.17$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(4.32, 4.65, 4.64) @ 2680 MHz; Calibrated: 2024-07-17
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- 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 Bodt Bottom QPSK 20MHz 1RB 49offset 41490ch/Area Scan (8x11x1): Measurement grid: dx=12mm, dy=12mm

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

LTE Band 41 Bodt Bottom QPSK 20MHz 1RB 49offset 41490ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.42 V/m; Power Drift = 0.04 dB

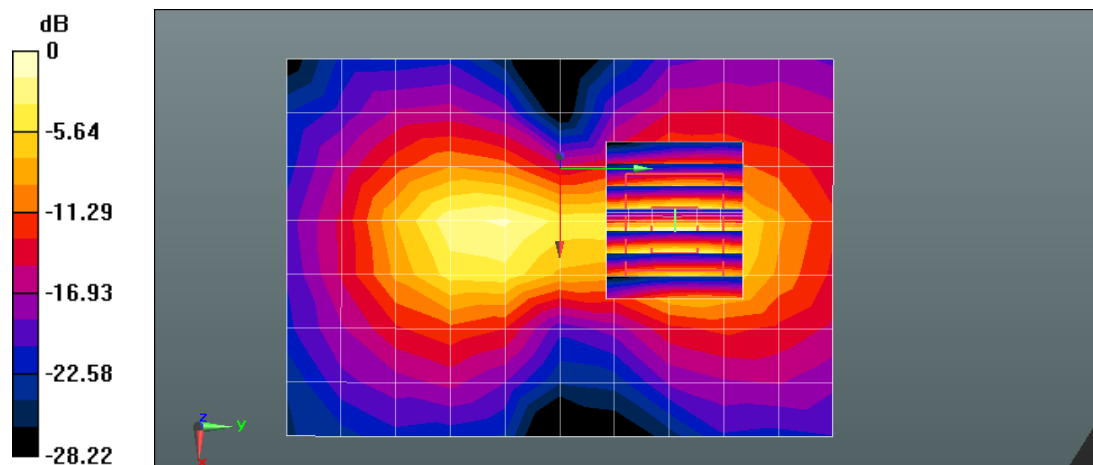
Peak SAR (extrapolated) = 1.96 W/kg

SAR(1 g) = 0.866 W/kg; SAR(10 g) = 0.375 W/kg

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 46.2%

Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.20 W/kg = 0.79 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 21.3 °C
 Liquid Temperature: 21.1 °C
 Test Date: 2025/07/09
 Band: LTE FDD Band 66 Body SAR_Ant.A
 Plot No.: B12
 Measurement Report for Device, EDGE BOTTOM, Band 66, LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)
 RBPosition:Mid AntennaCfg:SISO, Channel 132072 (1720.000 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	EDGE BOTTOM, 0.00	Band 66	LTE-FDD, 10297-AAE	1720.000, 132072	8.47	1.31	40.1

Hardware Setup

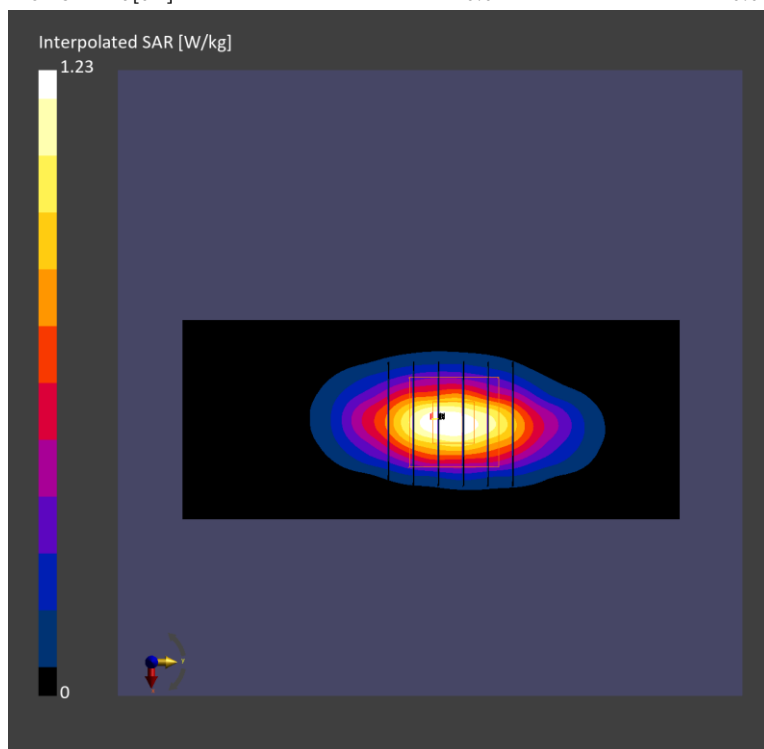
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.674	0.683
psSAR10g [W/Kg]	0.330	0.350
Power Drift [dB]	0.02	0.01



EUT Type: Mobile Phone
Ambient Temperature: 21.2 °C
Liquid Temperature: 21.1 °C
Test Date: 2025/06/27
Band: NR FDD Band n5 Body SAR_Ant.A
Plot No.: B13
Measurement Report for Device, BACK, Band n5, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)
RBPosition:High AntennaCfg:SISO, Channel 167300 (836.500 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, 5.00	Band n5	5G NR FR1 FDD, 10931-AAC	836.500, 167300	9.44	0.908	42.9

Hardware Setup

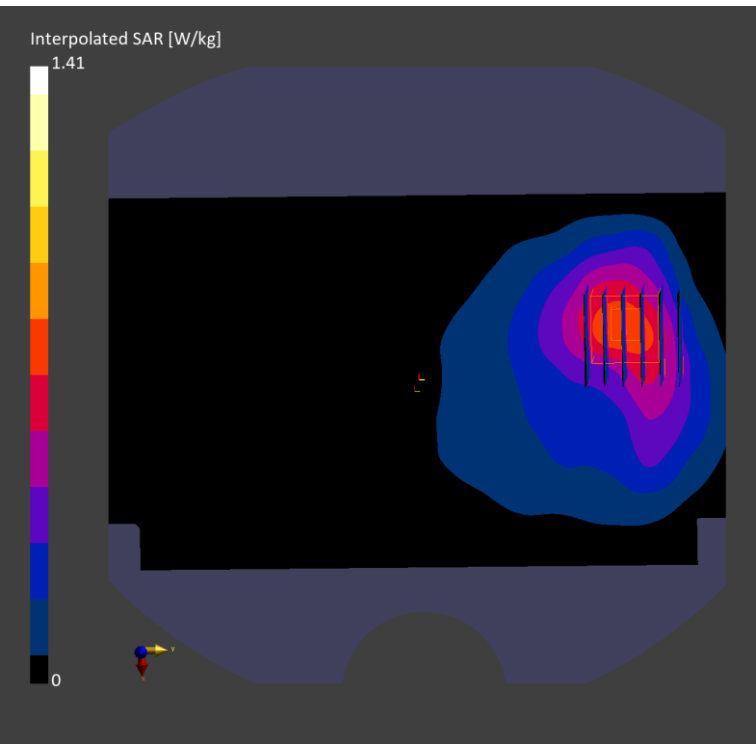
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.690	0.779
psSAR10g [W/kg]	0.451	0.483
Power Drift [dB]	-0.13	0.11



EUT Type: Mobile Phone
 Ambient Temperature: 22.2 °C
 Liquid Temperature: 22.1 °C
 Test Date: 2025/06/20
 Band: NR FDD Band n25 Body SAR_Ant.A
 Plot No.: B14

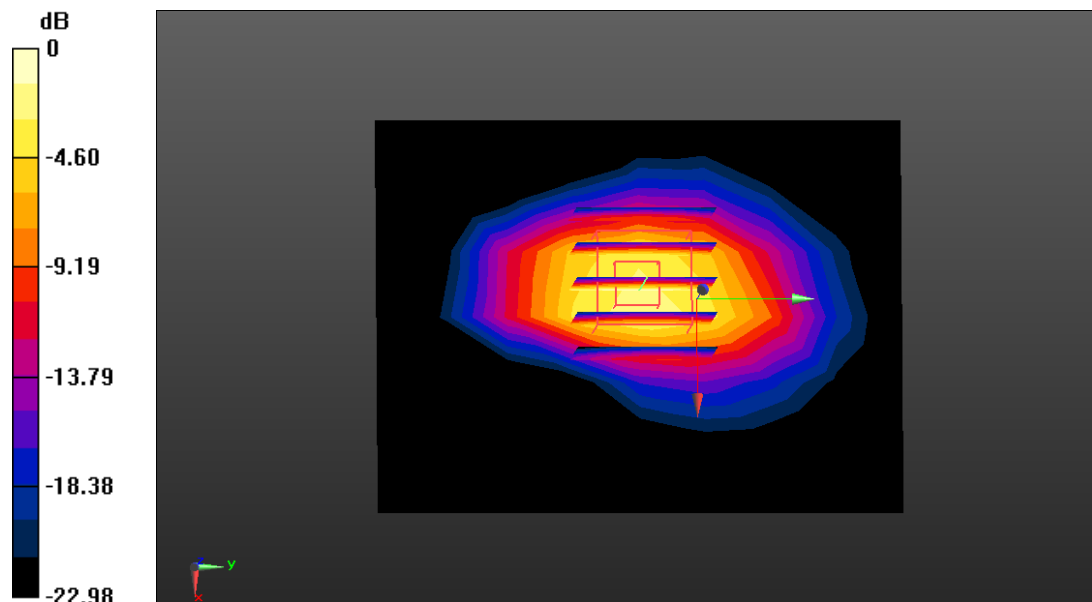
Communication System: UID 10950 - AAC, 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz); Frequency: 1882.5 MHz; Duty Cycle: 1:3.93097
 Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.404$ S/m; $\epsilon_r = 40.413$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.34, 7.57, 7.4) @ 1882.5 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- 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 Body Bottom DFT-s QPSK 40MHz 216RB 0offset 376500ch/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.912 W/kg

NR Band n25 Body Bottom DFT-s QPSK 40MHz 216RB 0offset 376500ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 26.58 V/m; Power Drift = 0.19 dB
 Peak SAR (extrapolated) = 1.69 W/kg
SAR(1 g) = 0.851 W/kg; SAR(10 g) = 0.397 W/kg
 Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 1.41 W/kg = 1.49 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 21.2 °C
 Liquid Temperature: 21.1 °C
 Test Date: 2025/07/12
 Band: NR TDD Band n41 SRS Body SAR_Ant.E
 Plot No.: B15

Communication System: UID 10866 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2592.99 MHz; Duty Cycle: 1:3.69913
 Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 1.895$ S/m; $\epsilon_r = 40.648$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(6.76, 6.97, 6.82) @ 2592.99 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- 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 Rear DFT-s QPSK 100MHz 1RB 137offset 518598ch/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm.

Maximum value of SAR (measured) = 0.597 W/kg

NR Band n41 Body Rear DFT-s QPSK 100MHz 1RB 137offset 518598ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

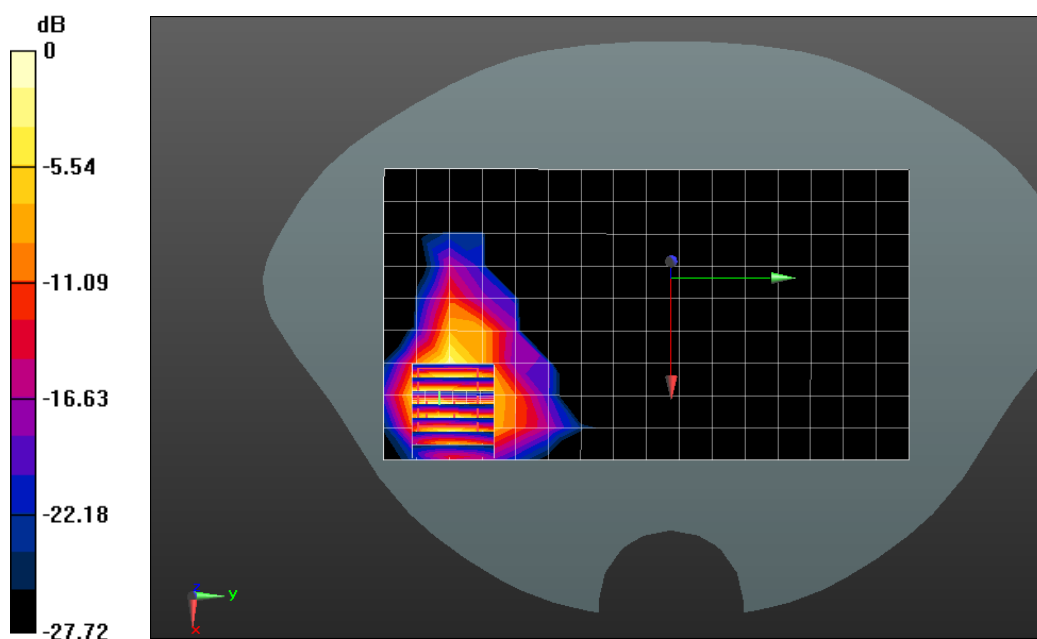
Reference Value = 0 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.76 W/kg

SAR(1 g) = 0.583 W/kg; SAR(10 g) = 0.219 W/kg

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Maximum value of SAR (measured) = 0.892 W/kg



0 dB = 0.694 W/kg = -1.59 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 22.3 °C
 Liquid Temperature: 21.8 °C
 Test Date: 2025/06/23
 Band: NR FDD Band n66 Body SAR_Ant.A
 Plot No.: B16

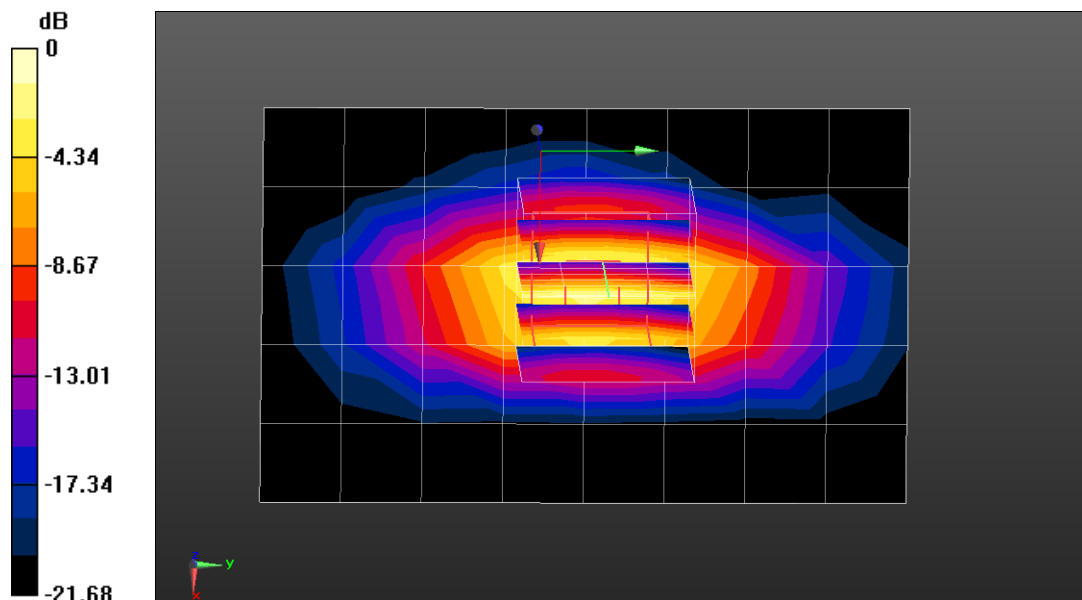
Communication System: UID 10934 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz); Frequency: 1745 MHz; Duty Cycle: 1:3.55877
 Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.312$ S/m; $\epsilon_r = 40.69$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.59, 7.83, 7.65) @ 1745 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- 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 Body Bottom CP QPSK 40MHz 1RB 1offset 349000ch/Area Scan (6x9x1): Measurement grid:
 $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (measured) = 0.746 W/kg

NR Band n66 Body Bottom CP QPSK 40MHz 1RB 1offset 349000ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
 Reference Value = 29.78 V/m; Power Drift = 0.07 dB
 Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.671 W/kg; SAR(10 g) = 0.324 W/kg
 Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.07 W/kg = 0.29 dBW/kg

EUT Type: Mobile Phone
Ambient Temperature: 20.4 °C
Liquid Temperature: 20.3 °C
Test Date: 2025/07/04
Band: NR TDD Band n77 SRS Body SAR_Ant.D
Plot No.: B17
Measurement Report for Device, BACK, 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	BACK, 5.00	Band n77	5G NR FR1 TDD, 10866-AAF	3500.0, 633334	6.25	2.91	37.9

Hardware Setup

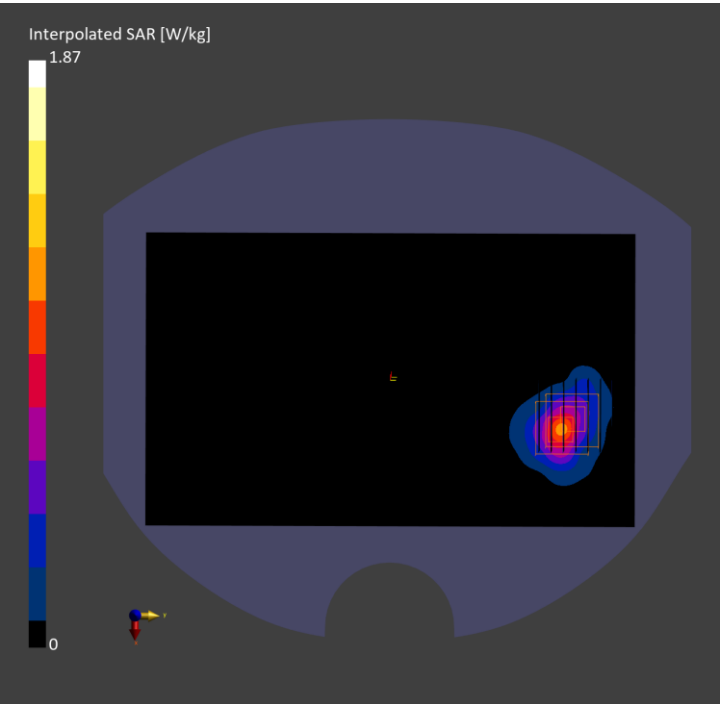
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1254, 2025-05-21

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	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Grading Ratio	n/a	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.789	0.815
psSAR10g [W/Kg]	0.300	0.323
Power Drift [dB]	-0.13	0.16



EUT Type: Mobile Phone
 Ambient Temperature: 22.4 °C
 Liquid Temperature: 22.3 °C
 Test Date: 2025/06/25
 Band: WLAN 2.4 GHz Body SAR_Ant.H
 Plot No.: B18

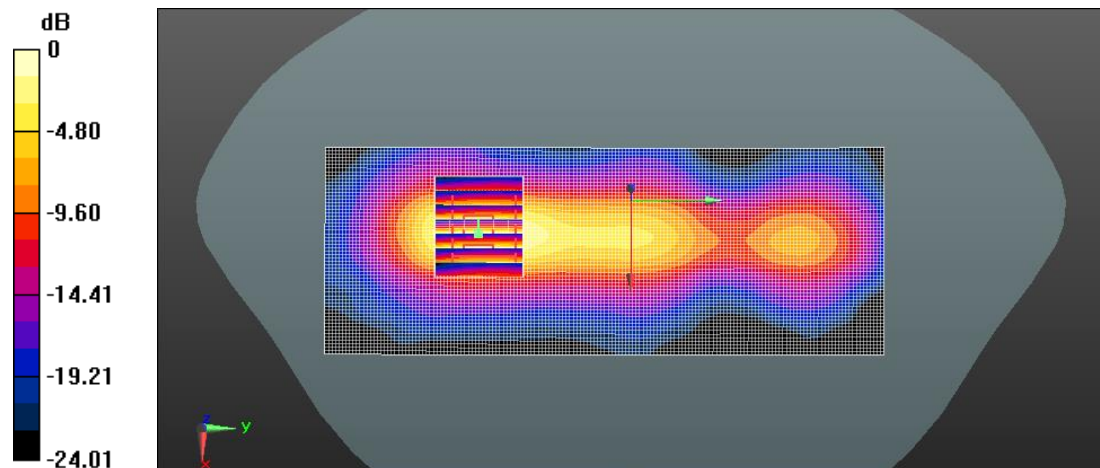
Communication System: UID 10415 - AAA, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle); Frequency: 2462 MHz; Duty Cycle: 1:1.4243
 Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.768$ S/m; $\epsilon_r = 40.585$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(4.46, 4.8, 4.79) @ 2462 MHz; Calibrated: 2024-07-17
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- 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)

802.11b Body Left 1Mbps 11ch/Area Scan (61x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 0.761 W/kg

802.11b Body Left 1Mbps 11ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 11.86 V/m; Power Drift = 0.13 dB
 Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.537 W/kg; SAR(10 g) = 0.234 W/kg
 Maximum value of SAR (measured) = 0.730 W/kg



0 dB = 0.730 W/kg = -1.37 dBW/kg

EUT Type: Mobile Phone
Ambient Temperature: 19.3 °C
Liquid Temperature: 19.2 °C
Test Date: 2025/06/27
Band: WLAN 5 GHz Body SAR_Ant.H
Plot No.: B19
Measurement Report for Device, BACK, U-NII-2C Standalone, IEEE 802.11ac WiFi (80MHz, MCS0, 90pc 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
Flat, HSL	BACK, 5.00	U-NII-2C Standalone	WLAN, 10626-AAC	5610.0, 122	4.63	5.12	35.4

Hardware Setup

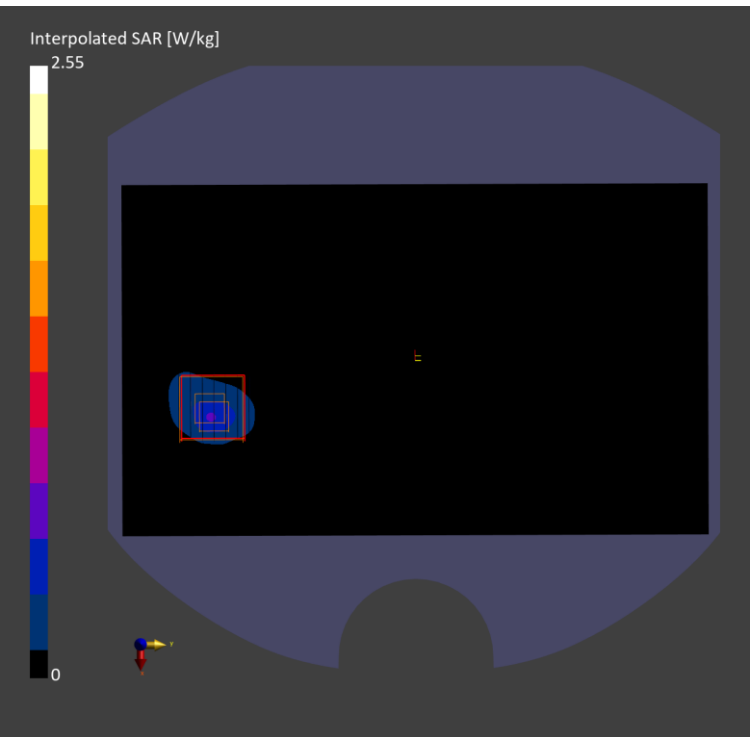
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1254, 2025-05-21

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	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Grading Ratio	n/a	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.426	0.545
psSAR10g [W/kg]	0.139	0.153
Power Drift [dB]	-0.09	0.00



EUT Type: Mobile Phone
 Ambient Temperature: 19.4 °C
 Liquid Temperature: 19.2 °C
 Test Date: 2025/06/24
 Band: WLAN 6 GHz Body SAR_Ant.H
 Plot No.: B20
 Measurement Report for Device, EDGE LEFT, U-NII-5, IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle), Channel 15 (6025.0 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, 10743-AAC	6025.0, 15	5.45	5.42	35.1

Hardware Setup

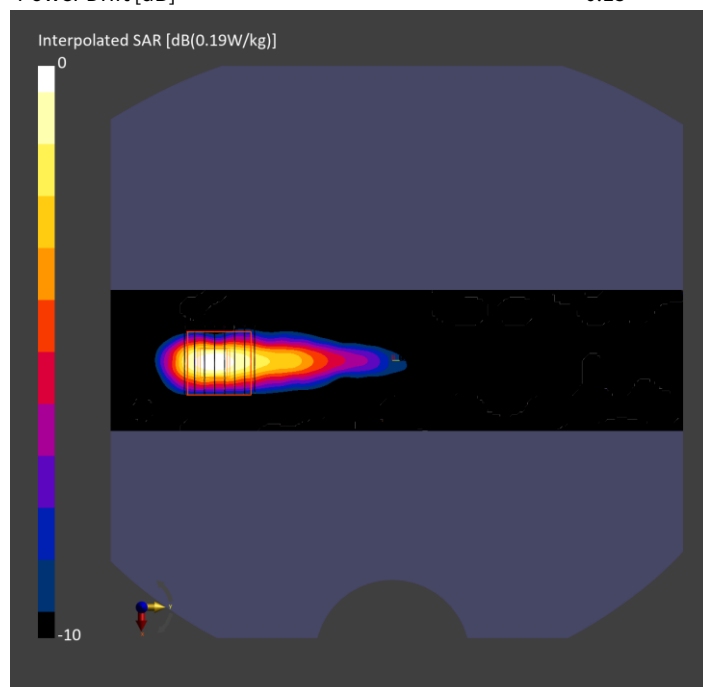
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1254, 2025-05-21

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 204.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.0 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Grading Ratio	n/a	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.121	0.130
psSAR10g [W/kg]	0.035	0.036
psAPD (1.0cm2, sq) [W/m2]		1.30
psAPD (4.0cm2, sq) [W/m2]		0.845
Power Drift [dB]	-0.15	-0.04



EUT Type: Mobile Phone
 Ambient Temperature: 21.9 °C
 Liquid Temperature: 21.7 °C
 Test Date: 2025/07/10
 Band: Bluetooth Tethering Body SAR_Ant.H+J
 Plot No.: B21

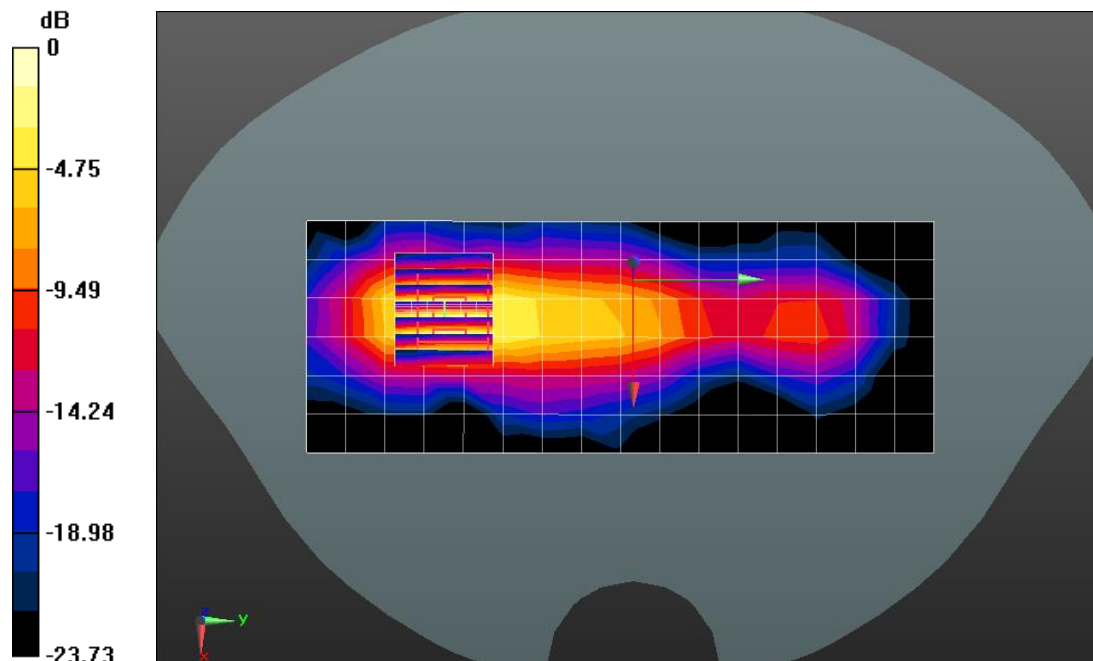
Communication System: UID 10032 - CAA, IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2441 MHz; Duty Cycle: 1:1.30557
 Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.814$ S/m; $\epsilon_r = 39.155$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(6.86, 7.07, 6.91) @ 2441 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- 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)

Bluetooth Body Left DH5 39ch/Area Scan (7x17x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.130 W/kg

Bluetooth Body Left DH5 39ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 5.470 V/m; Power Drift = 0.13 dB
 Peak SAR (extrapolated) = 0.266 W/kg
SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.055 W/kg
 Maximum value of SAR (measured) = 0.214 W/kg



0 dB = 0.214 W/kg = -6.70 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 21.3 °C
 Liquid Temperature: 21.1 °C
 Test Date: 2025/07/14
 Band: Bluetooth Stand Alone Body SAR_Ant.H
 Plot No.: B22
 Measurement Report for Device, EDGE LEFT, ISM 2.4 GHz Band, IEEE 802.15.1 Bluetooth (GFSK, DH5), Channel 0 (2402.0 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	ISM 2.4 GHz Band	Bluetooth, 10032-CAA	2402.0, 0	6.68	1.71	40.0

Hardware Setup

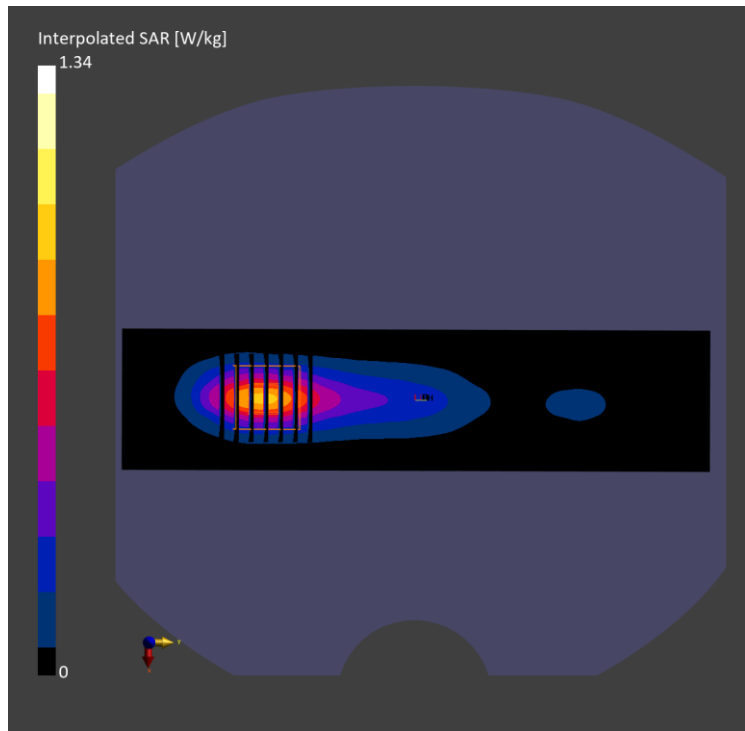
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1254, 2025-05-21

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	n/a	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.690	0.687
psSAR10g [W/Kg]	0.313	0.315
Power Drift [dB]	0.02	-0.00



EUT Type: Mobile Phone
 Ambient Temperature: 22.5 °C
 Liquid Temperature: 22.3 °C
 Test Date: 2025/06/28
 Band: NFC Phablet SAR
 Plot No.: C1

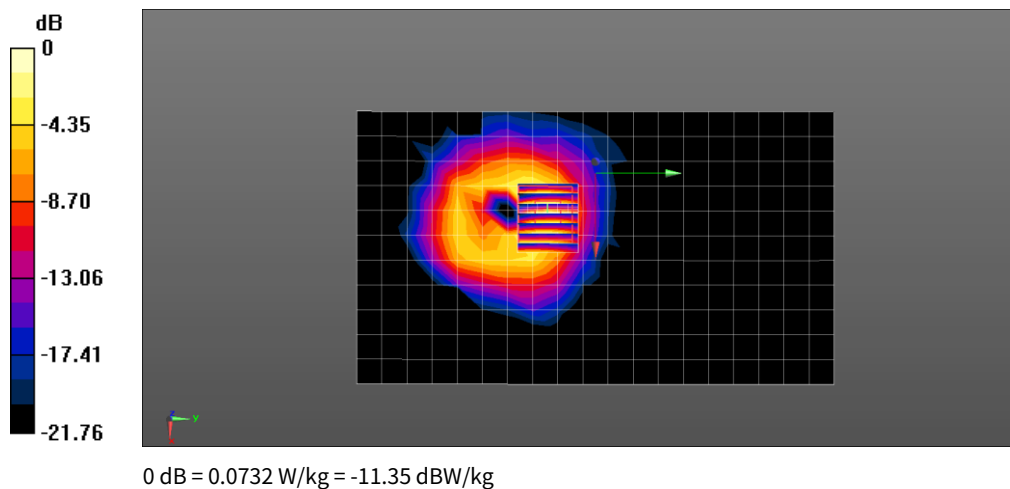
Communication System: UID 0, NFC (0); Frequency: 13.56 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 14 \text{ MHz}$; $\sigma = 0.749 \text{ S/m}$; $\epsilon_r = 54.263$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.39, 5.7, 6.16) @ 13.56 MHz; Calibrated: 2024-07-17
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NFC Phablet Rear Type A 106kbps/Area Scan (12x20x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 0.0533 W/kg

NFC Phablet Rear Type A 106kbps/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 1.216 V/m; Power Drift = 0.05 dB
 Peak SAR (extrapolated) = 0.274 W/kg
SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.018 W/kg
 Maximum value of SAR (measured) = 0.0732 W/kg



EUT Type: Mobile Phone
 Ambient Temperature: 19.3 °C
 Test Date: 2025/06/20
 Band: WLAN 6E PowerDensity
 Plot No.: D1
 Measurement Report for Device, EDGE LEFT, U-NII-5, IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle), Channel 47 (6185.0 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, 10743-AAC	6185.0, 47	1.0

Hardware Setup

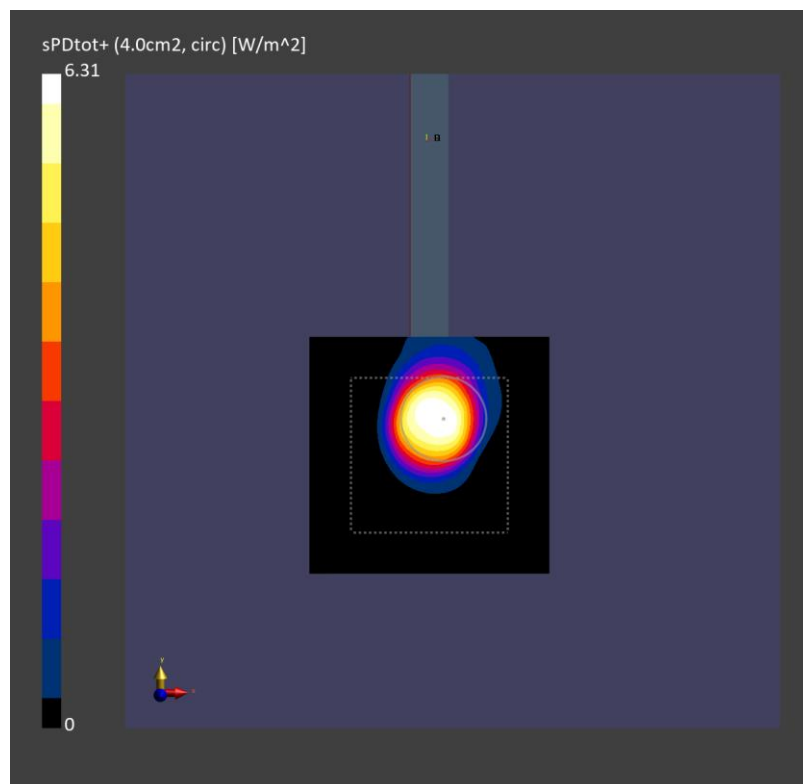
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - xxxx	Air -	EUMmWV4 - SN9464_F1-55GHz, 2025-02-24	DAE4 Sn1254, 2025-05-21

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.04211272847496038 x 0.04211272847496038
Sensor Surface [mm]	2.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.76
psPDtot+ [W/m ²]	6.31
E _{max} [V/m]	106
Power Drift [dB]	0.09



EUT Type: Mobile Phone
 Ambient Temperature: 19.2 °C
 Test Date: 2025/06/24
 Band: WLAN 6E Absorbed PowerDensity_Head
 Plot No.: D2
 Measurement Report for Device, CHEEK, U-NII-5, IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle), Channel 47 (6185.0 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, 10743-AAC	6185.0, 47	5.45	5.59	34.9

Hardware Setup

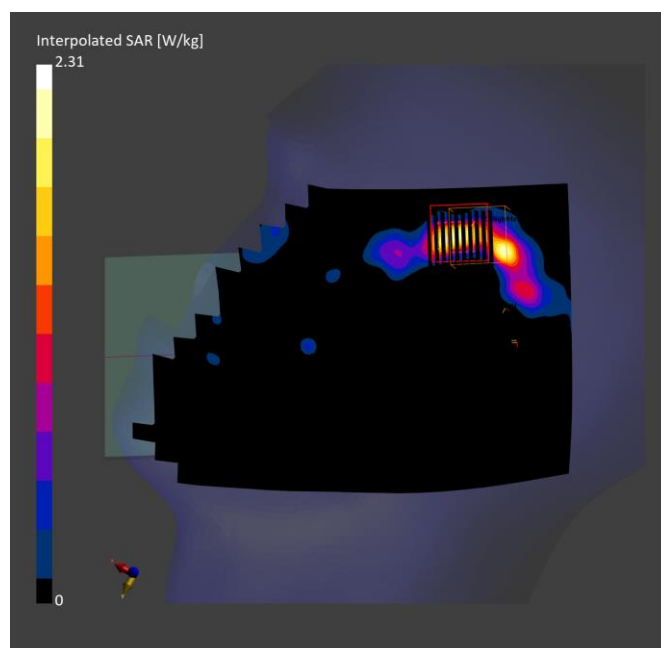
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1254, 2025-05-21

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	2.6 x 2.6 x 1.2
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.057	0.070
psSAR10g [W/kg]	0.016	0.017
psAPD (1.0cm2, sq) [W/m2]		0.702
psAPD (4.0cm2, sq) [W/m2]		0.397
Power Drift [dB]	0.12	-0.16



EUT Type: Mobile Phone
 Ambient Temperature: 19.2 °C
 Test Date: 2025/06/24
 Band: WLAN 6E Absorbed PowerDensity_Body
 Plot No.: D3
 Measurement Report for Device, EDGE LEFT, U-NII-5, IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle), Channel 15 (6025.0 MHz)

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, 10743-AAC	6025.0, 15	5.45	5.42	35.1

Hardware Setup

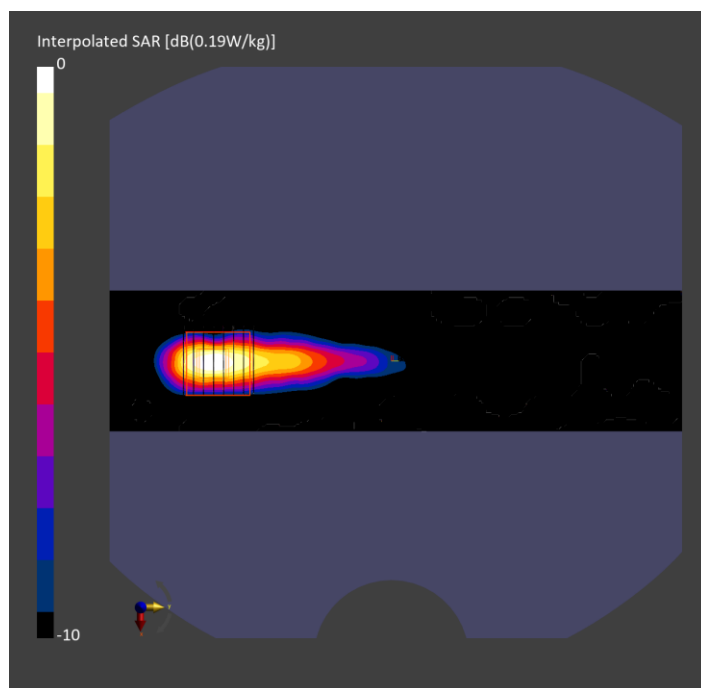
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1254, 2025-05-21

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 204.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.0 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.121	0.130
psSAR10g [W/kg]	0.035	0.036
psAPD (1.0cm2, sq) [W/m2]		1.30
psAPD (4.0cm2, sq) [W/m2]		0.845
Power Drift [dB]	-0.15	-0.04



Appendix C. – Dipole Verification Plots

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 20.7 °C
Test Date: 2025/06/13
Band: LTE Band 12 Ant.A
Plot No.: V1
Measurement Report for Device , , CW, Channel 0 (750.000 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	,		CW, 0--	750.000, 0	9.71	0.875	43.3

Hardware Setup

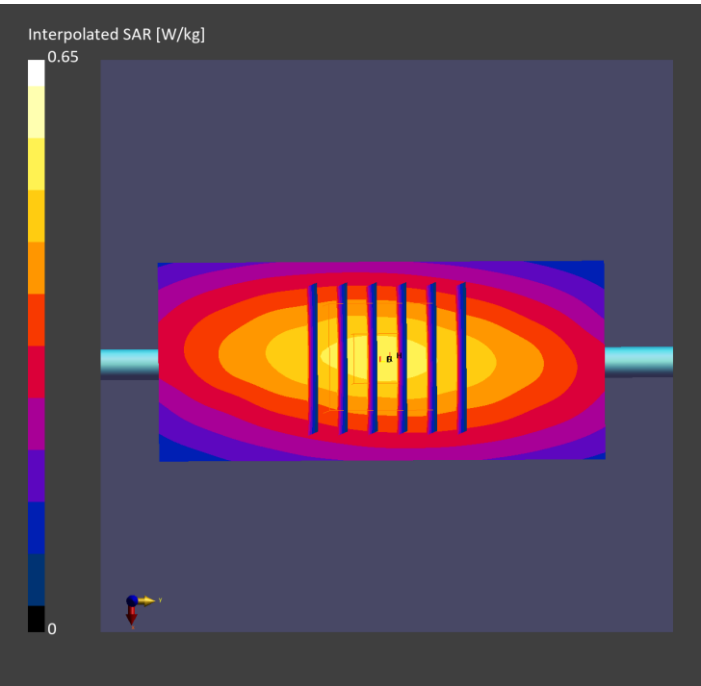
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.449	0.448
psSAR10g [W/kg]	0.299	0.306
Power Drift [dB]	0.01	-0.02



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 21.5 °C
Test Date: 2025/07/04
Band: LTE Band 12 Ant.E
Plot No.: V2
Measurement Report for Device, , , CW, Channel 0 (750.000 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	,		CW, 0--	750.000, 0	9.71	0.887	42.9

Hardware Setup

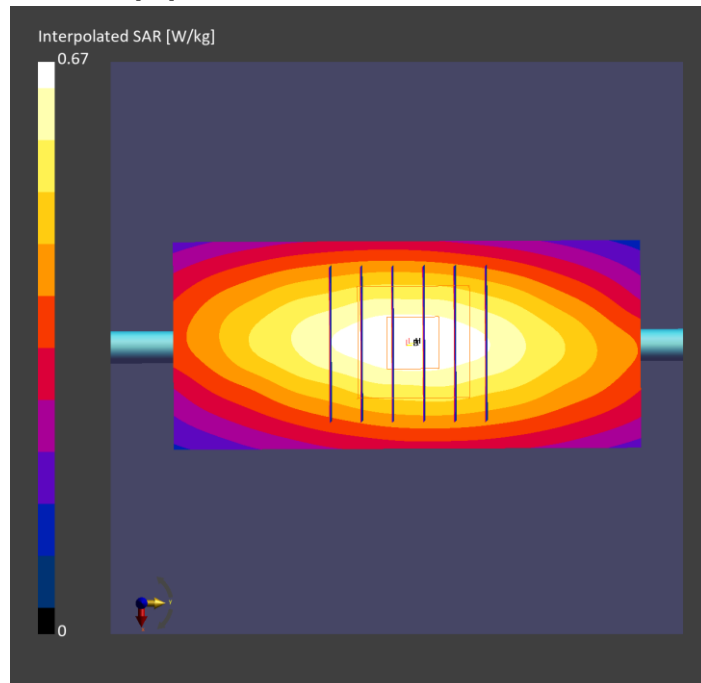
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.460	0.460
psSAR10g [W/kg]	0.307	0.312
Power Drift [dB]	0.00	0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 20.9 °C
 Test Date: 2025/06/19
 Band: LTE Band 13 Ant.A
 Plot No.: V3
 Measurement Report for Device, , CW, Channel 0 (750.000 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	,		CW, 0--	750.000, 0	9.71	0.864	43.4

Hardware Setup

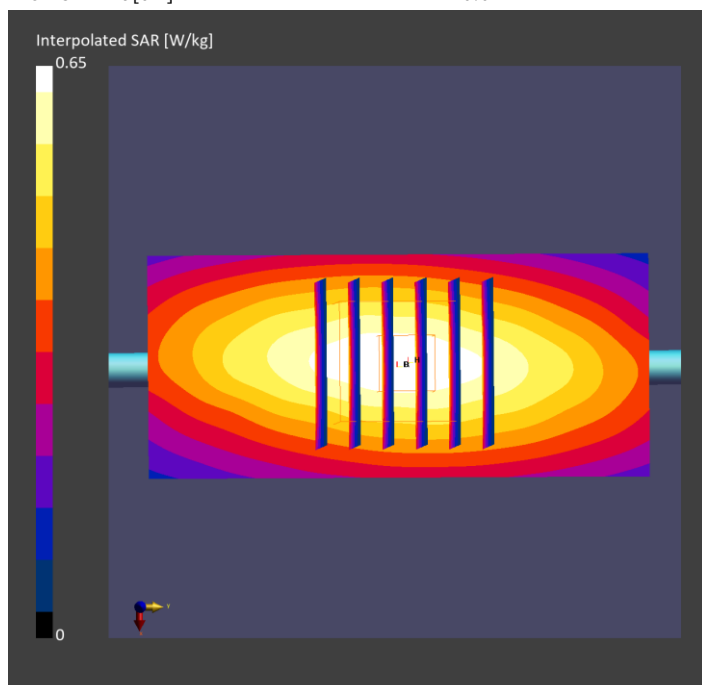
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.446	0.448
psSAR10g [W/kg]	0.297	0.306
Power Drift [dB]	0.01	0.00



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.1 °C
 Test Date: 2025/06/10
 Band: LTE Band 13 Ant.E
 Plot No.: V4
 Measurement Report for Device, , CW, Channel 0 (750.000 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	,		CW, 0--	750.000, 0	9.71	0.879	43.0

Hardware Setup

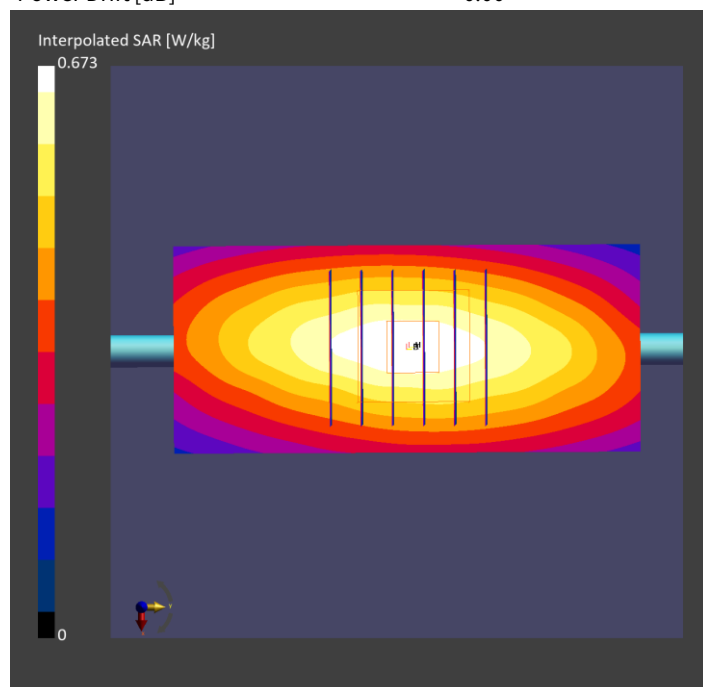
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.459	0.456
psSAR10g [W/kg]	0.305	0.309
Power Drift [dB]	0.00	-0.01



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 20.9 °C
Test Date: 2025/06/11
Band: LTE Band 5 Ant.A
Plot No.: V5
Measurement Report for Device, , CW, Channel 0 (835.000 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	,		CW, 0--	835.000, 0	9.44	0.919	42.7

Hardware Setup

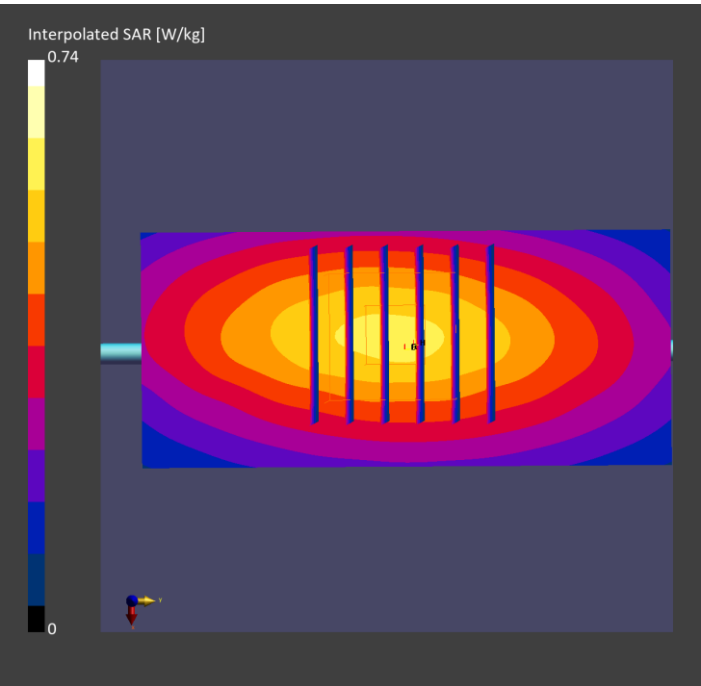
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.501	0.505
psSAR10g [W/kg]	0.333	0.347
Power Drift [dB]	0.00	0.01



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 20.7 °C
Test Date: 2025/06/12
Band: LTE Band 5 Ant.E
Plot No.: V6
Measurement Report for Device, , CW, Channel 0 (835.000 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	,		CW, 0--	835.000, 0	9.44	0.903	43.0

Hardware Setup

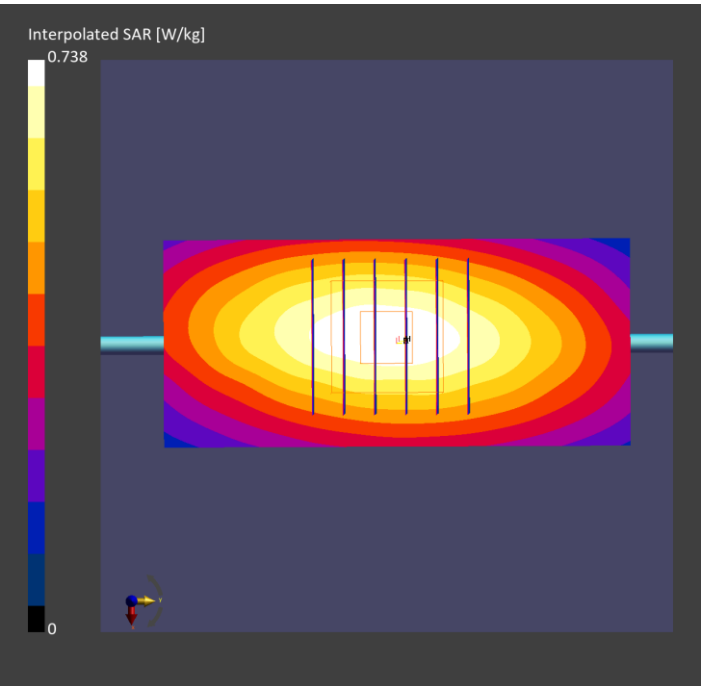
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.494	0.501
psSAR10g [W/kg]	0.328	0.345
Power Drift [dB]	-0.02	0.02



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 21.3 °C
Test Date: 2025/06/16
Band: LTE Band 26 Ant.A
Plot No.: V7
Measurement Report for Device, , CW, Channel 0 (835.000 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	,		CW, 0--	835.000, 0	9.44	0.902	43.1

Hardware Setup

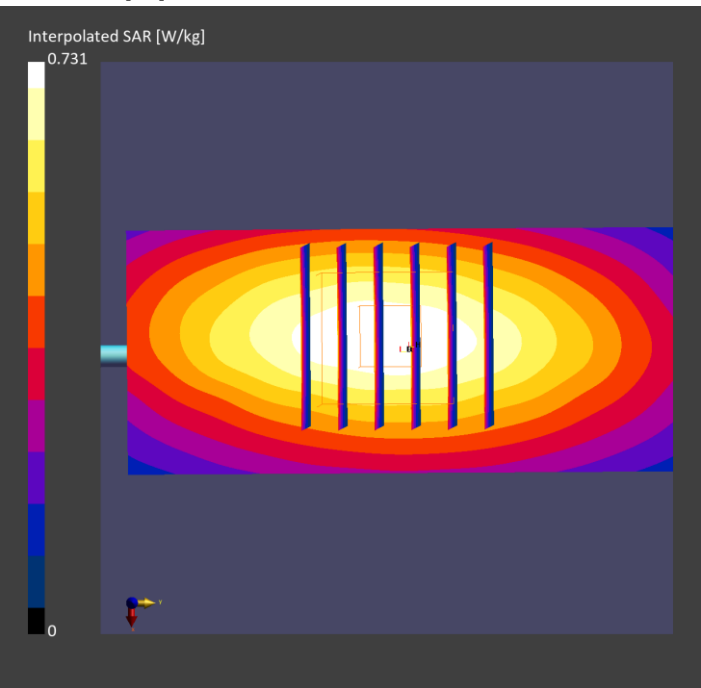
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.494	0.498
psSAR10g [W/kg]	0.328	0.342
Power Drift [dB]	0.01	0.01



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 20.4 °C
Test Date: 2025/06/17
Band: LTE Band 26 Ant.E
Plot No.: V8
Measurement Report for Device, , CW, Channel 0 (835.000 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	,		CW, 0--	835.000, 0	9.44	0.908	43.3

Hardware Setup

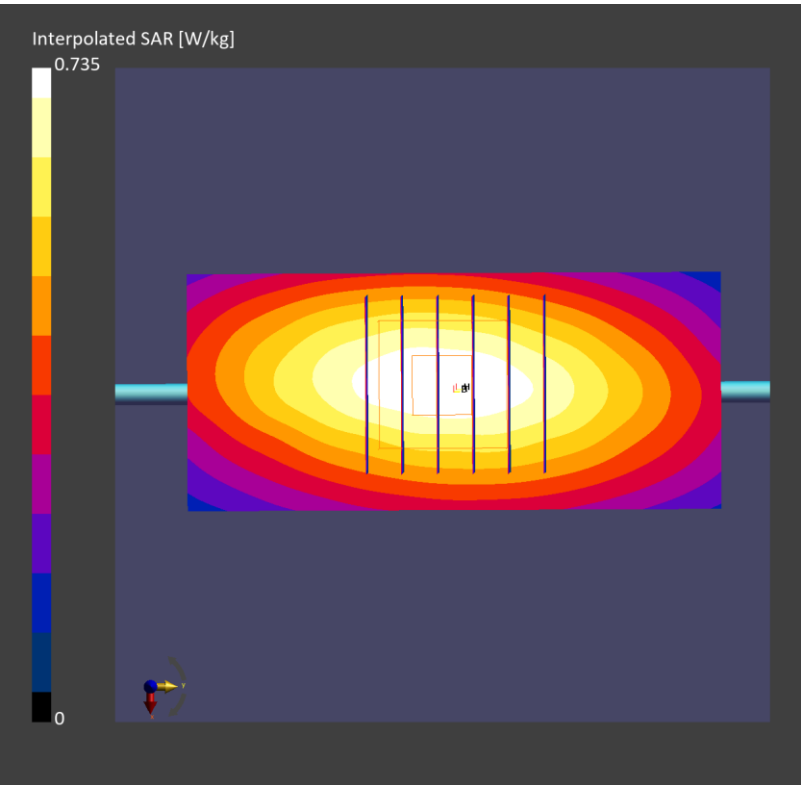
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.495	0.502
psSAR10g [W/Kg]	0.330	0.347
Power Drift [dB]	0.00	0.01



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 21.6 °C
Test Date: 2025/06/20
Band: GSM850 Ant.A
Plot No.: V9
Measurement Report for Device, , CW, Channel 0 (835.000 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	,		CW, 0--	835.000, 0	9.44	0.920	41.9

Hardware Setup

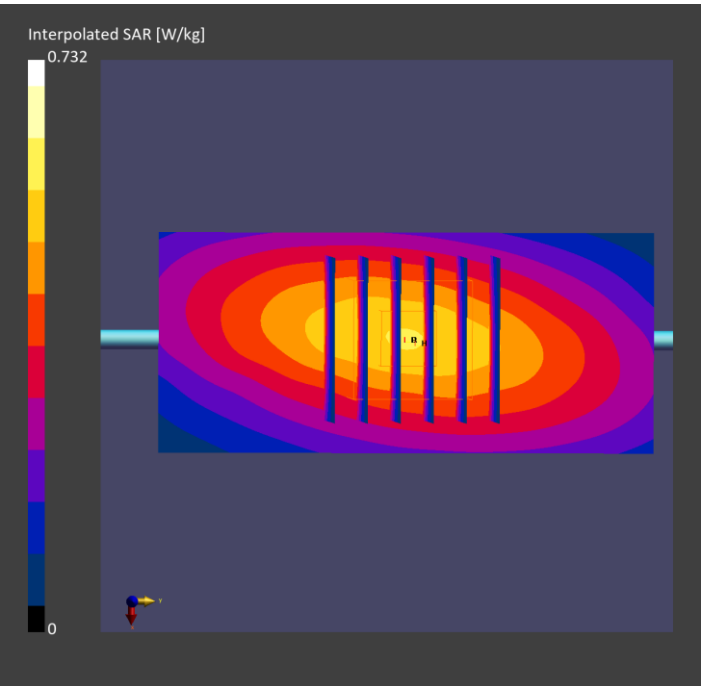
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.479	0.491
psSAR10g [W/kg]	0.316	0.337
Power Drift [dB]	-0.00	0.01



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 21.3 °C
Test Date: 2025/06/21
Band: GSM850 Ant.E
Plot No.: V10
Measurement Report for Device, , , CW, Channel 0 (835.000 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	,		CW, 0--	835.000, 0	9.44	0.925	42.3

Hardware Setup

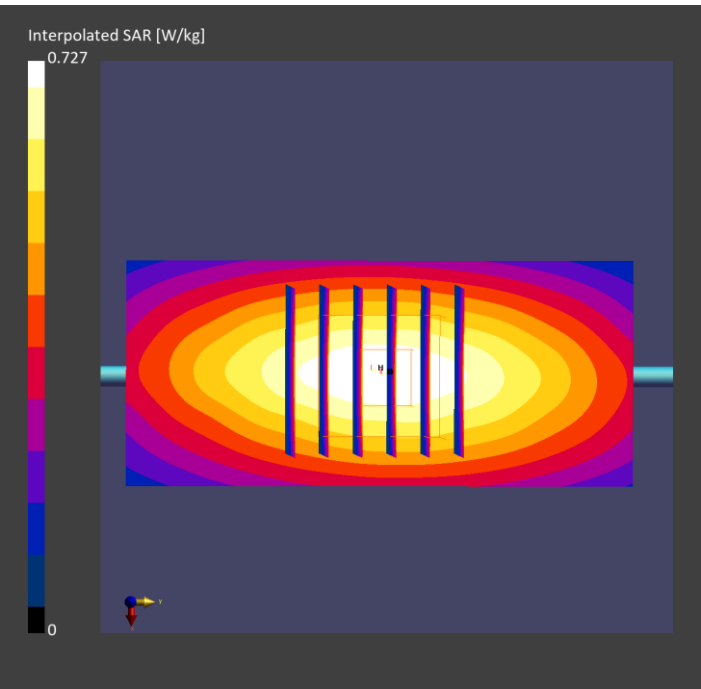
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 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]	0.483	0.493
psSAR10g [W/kg]	0.319	0.338
Power Drift [dB]	-0.00	-0.02



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.5 °C
 Test Date: 2025/06/22
 Band: UMTS Band 5 Ant.A
 Plot No.: V11
 Measurement Report for Device, , , CW, Channel 0 (835.000 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	,		CW, 0--	835.000, 0	9.44	0.930	41.3

Hardware Setup

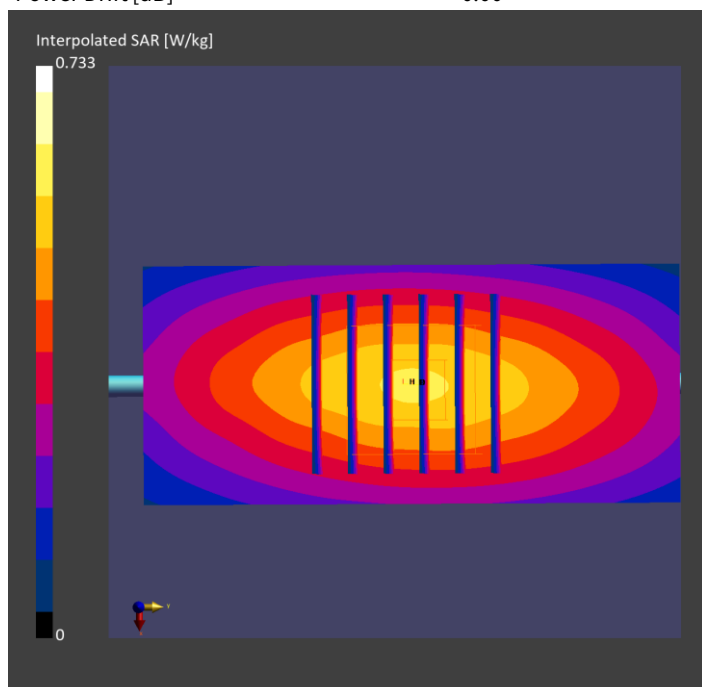
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.486	0.497
psSAR10g [W/kg]	0.321	0.341
Power Drift [dB]	0.00	-0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 20.8 °C
 Test Date: 2025/06/23
 Band: UMTS Band 5 Ant.E
 Plot No.: V12
 Measurement Report for Device, , , CW, Channel 0 (835.000 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	,		CW, 0--	835.000, 0	9.44	0.930	41.9

Hardware Setup

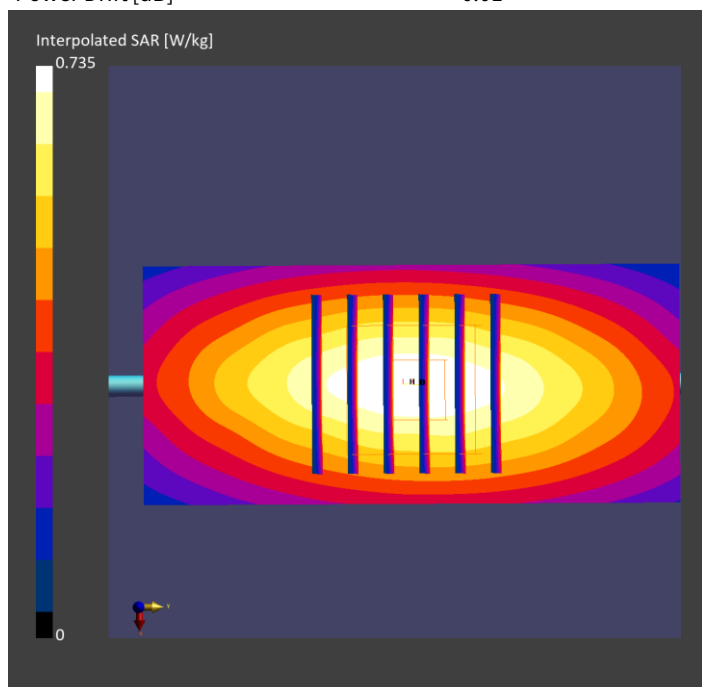
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.486	0.499
psSAR10g [W/kg]	0.321	0.342
Power Drift [dB]	0.01	0.01



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 22.0 °C
Test Date: 2025/06/19
Band: UMTS Band 4 Ant.A
Plot No.: V13

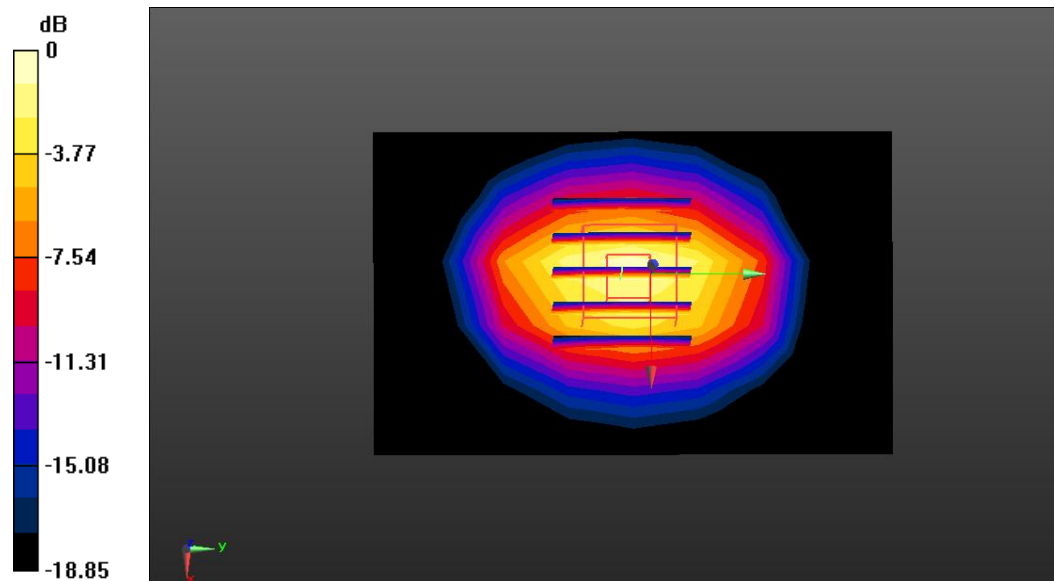
Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1800$ MHz; $\sigma = 1.375$ S/m; $\epsilon_r = 40.978$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(7.25, 8.18, 7.93) @ 1800 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- 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) = 2.58 W/kg

1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 47.96 V/m; Power Drift = 0.06 dB
 Peak SAR (extrapolated) = 3.47 W/kg
SAR(1 g) = 1.94 W/kg; SAR(10 g) = 1 W/kg
 Maximum value of SAR (measured) = 2.98 W/kg



0 dB = 2.98 W/kg = 4.74 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.1 °C
 Test Date: 2025/07/09
 Band: LTE Band 66 Ant.A
 Plot No.: V14
 Measurement Report for Device, , , CW, Channel 0 (1800.000 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	,		CW, 0--	1800.000, 0	8.47	1.36	40.0

Hardware Setup

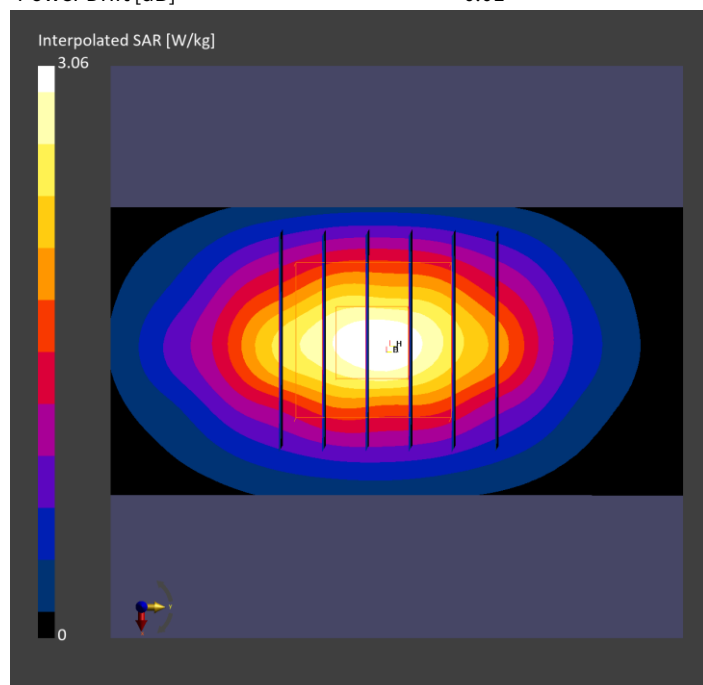
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	1.77	1.78
psSAR10g [W/kg]	0.934	0.983
Power Drift [dB]	0.01	0.00



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 20.6 °C
Test Date: 2025/06/26
Band: LTE Band 66 Ant.F
Plot No.: V15
Measurement Report for Device, , CW, Channel 0 (1800.000 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	,		CW, 0--	1800.000, 0	8.47	1.35	40.6

Hardware Setup

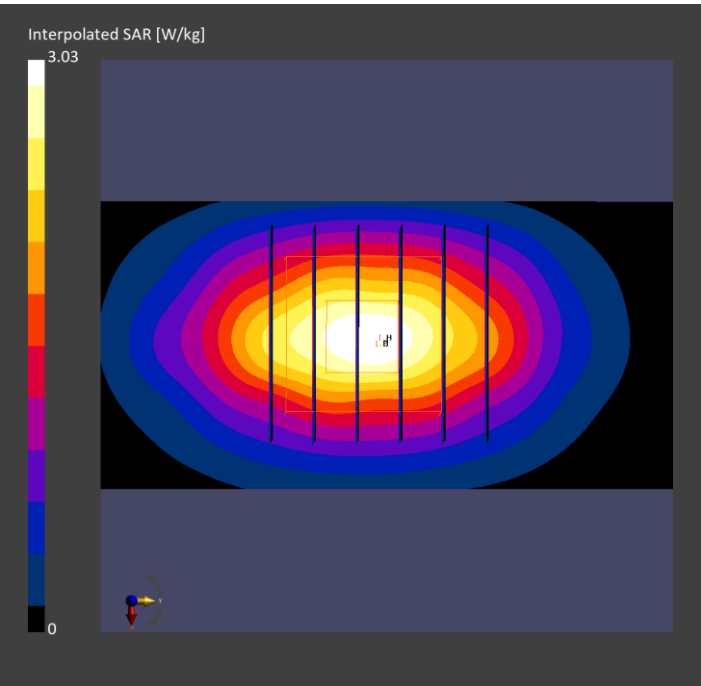
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	1.76	1.77
psSAR10g [W/kg]	0.926	0.974
Power Drift [dB]	0.00	0.01



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 22.6 °C
Test Date: 2025/06/18
Band: UMTS Band 2 Ant.A
Plot No.: V16

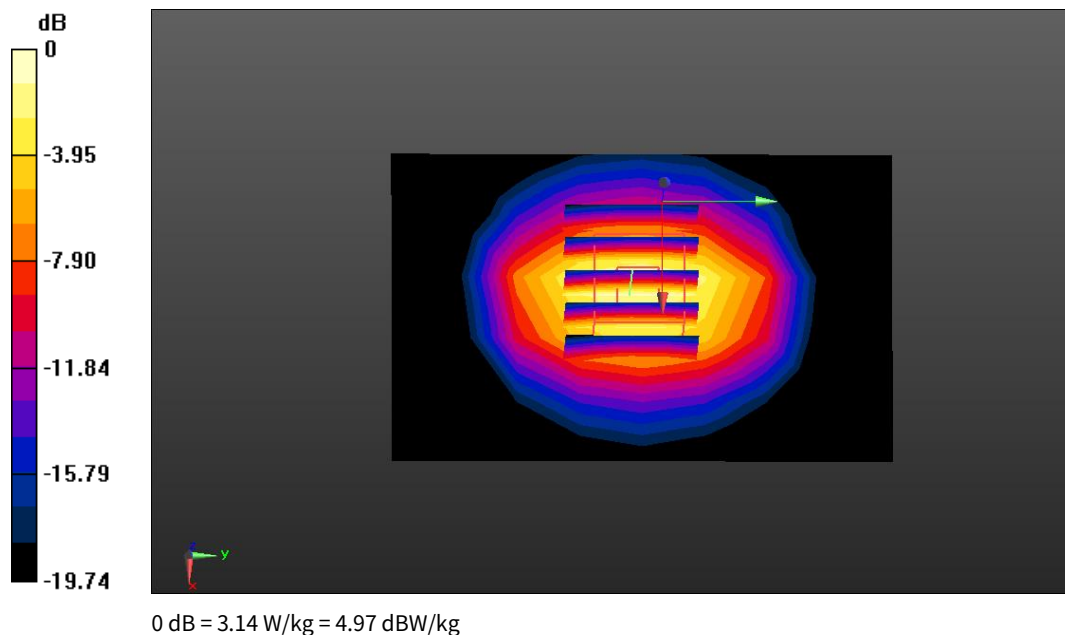
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.406$ S/m; $\epsilon_r = 40.316$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(7.1, 8.02, 7.77) @ 1900 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- 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) = 2.65 W/kg

1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 48.84 V/m; Power Drift = 0.06 dB
 Peak SAR (extrapolated) = 3.68 W/kg
SAR(1 g) = 2.01 W/kg; SAR(10 g) = 1.02 W/kg
 Maximum value of SAR (measured) = 3.14 W/kg



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 21.2 °C
Test Date: 2025/07/07
Band: GSM1900 Ant.A_Head
Plot No.: V17
Measurement Report for Device, , , CW, Channel 0 (1900.000 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	,		CW, 0--	1900.000, 0	8.13	1.40	41.3

Hardware Setup

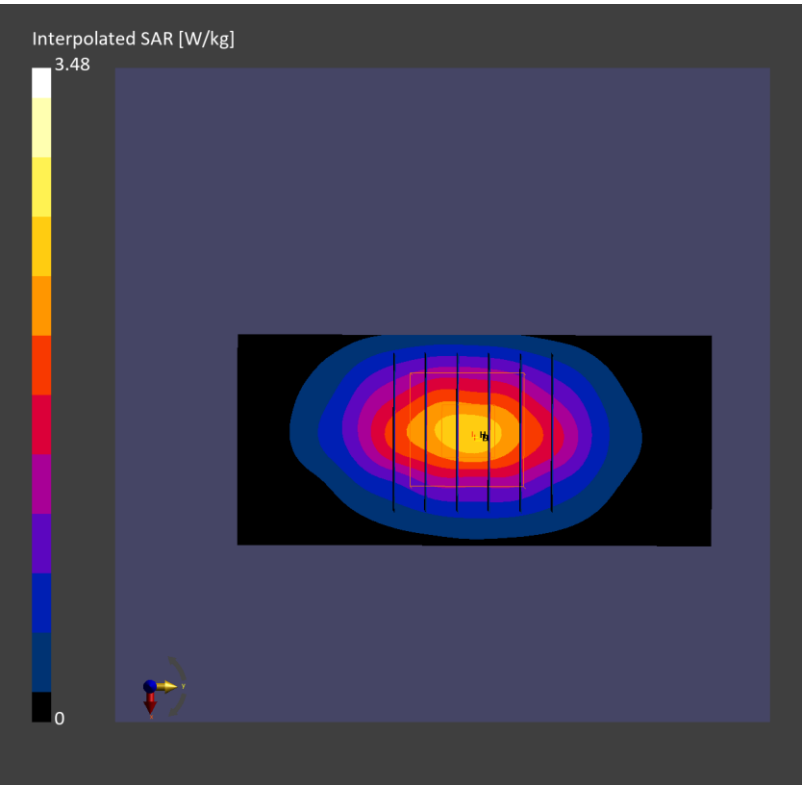
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn868, 2024-09-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.03	2.02
psSAR10g [W/Kg]	1.05	1.09
Power Drift [dB]	0.03	0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.4 °C
 Test Date: 2025/06/22
 Band: GSM1900 Ant.A_Body
 Plot No.: V18

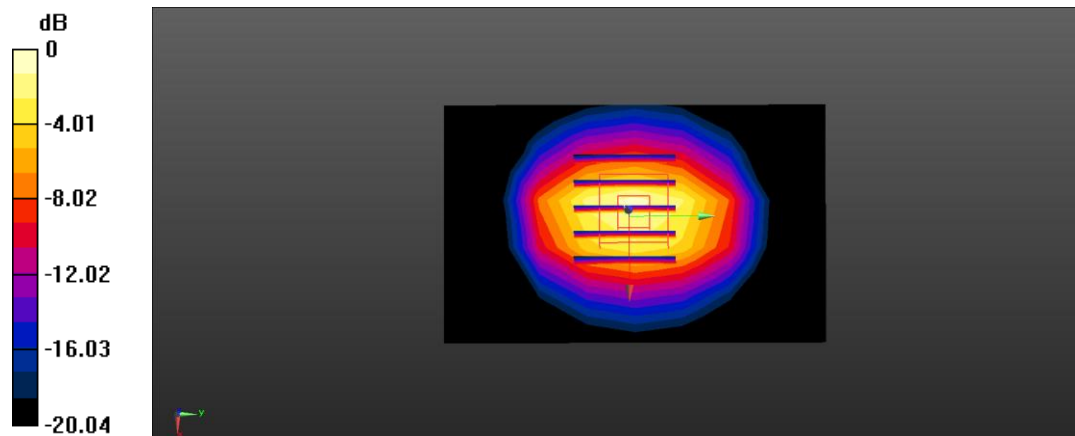
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.423 \text{ S/m}$; $\epsilon_r = 40.643$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.34, 7.57, 7.4) @ 1900 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- 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) = 2.74 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 = 49.30 V/m; Power Drift = 0.08 dB
 Peak SAR (extrapolated) = 3.89 W/kg
SAR(1 g) = 2.06 W/kg; SAR(10 g) = 1.05 W/kg
 Maximum value of SAR (measured) = 3.26 W/kg



0 dB = 3.26 W/kg = 5.13 dBW/kg

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 21.3 °C
Test Date: 2025/06/18
Band: LTE Band 25 Ant.A
Plot No.: V19
Measurement Report for Device , , CW, Channel 0 (1900.000 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	,		CW, 0--	1900.000, 0	8.13	1.42	40.3

Hardware Setup

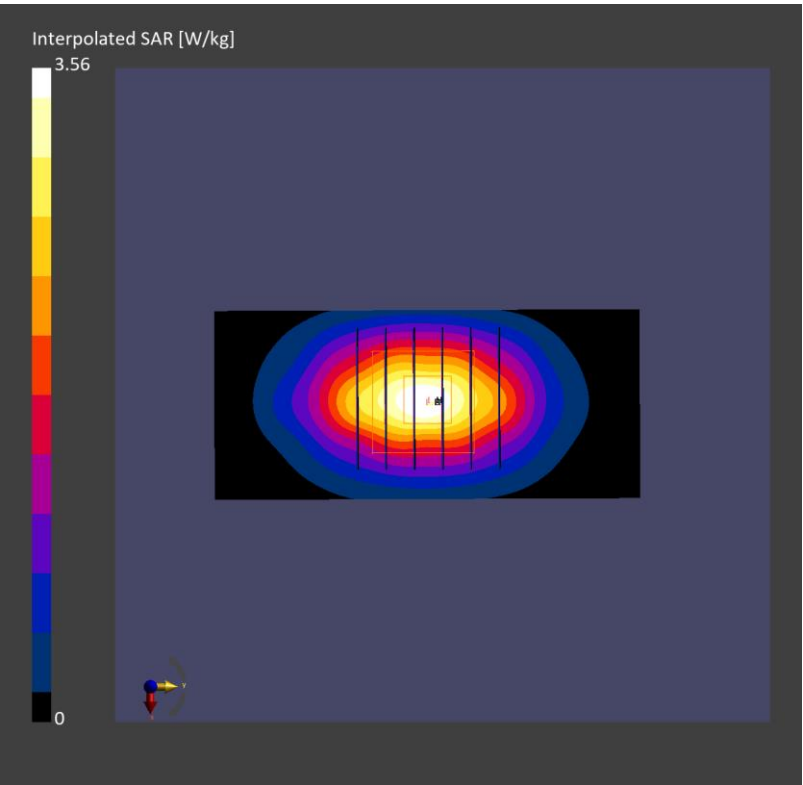
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.05	2.04
psSAR10g [W/Kg]	1.06	1.11
Power Drift [dB]	-0.04	0.00



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.3 °C
 Test Date: 2025/06/24
 Band: LTE Band 25 Ant.F
 Plot No.: V20
 Measurement Report for Device, , , CW, Channel 0 (1900.000 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	,		CW, 0--	1900.000, 0	8.13	1.41	40.7

Hardware Setup

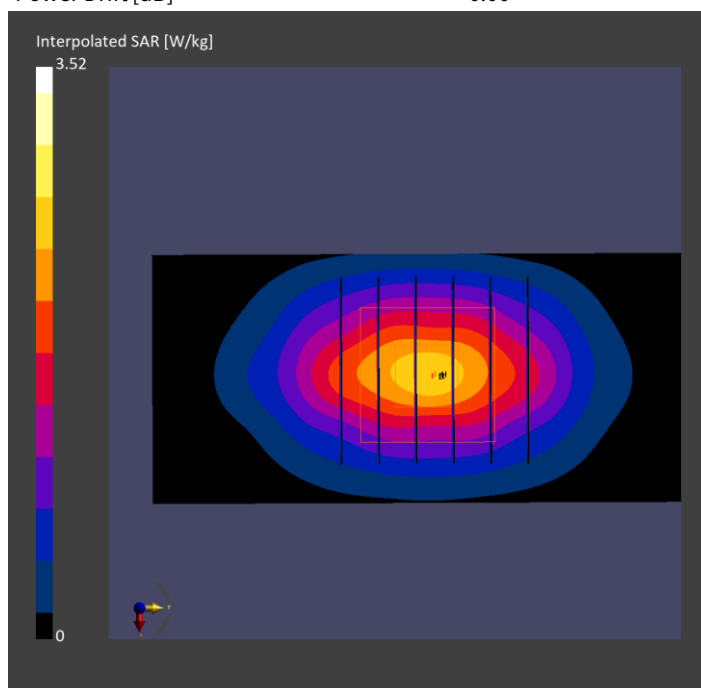
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 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]	2.03	2.02
psSAR10g [W/kg]	1.05	1.09
Power Drift [dB]	-0.00	-0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.3 °C
 Test Date: 2025/06/25
 Band: WLAN2.4 GHz SISO
 Plot No.: V21

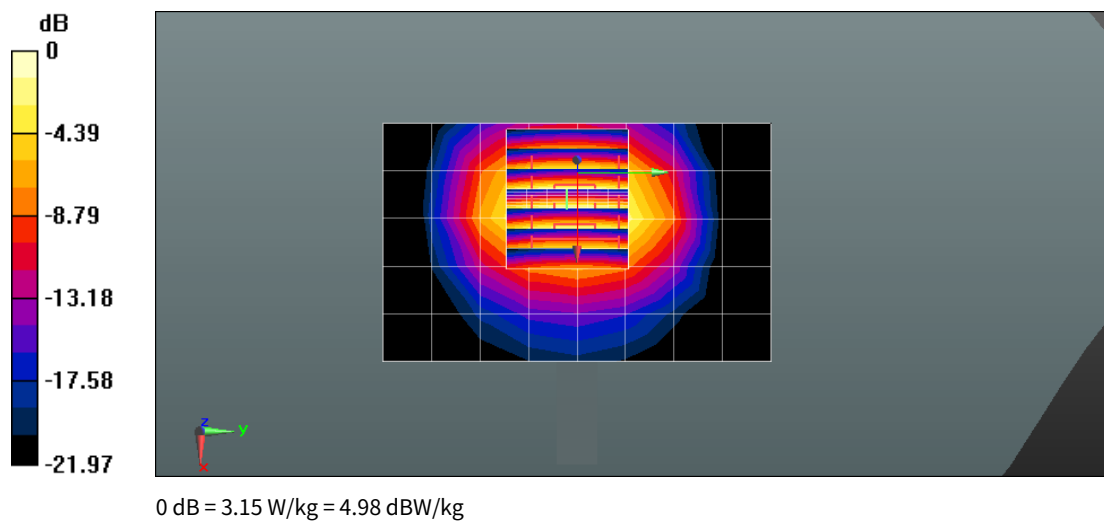
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.755$ S/m; $\epsilon_r = 40.625$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(4.46, 4.8, 4.79) @ 2450 MHz; Calibrated: 2024-07-17
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- 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)

2450MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 2.98 W/kg

2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 32.63 V/m; Power Drift = 0.13 dB
 Peak SAR (extrapolated) = 4.95 W/kg
SAR(1 g) = 2.39 W/kg; SAR(10 g) = 1.1 W/kg
 Maximum value of SAR (measured) = 3.15 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.1 °C
 Test Date: 2025/06/26
 Band: WLAN2.4 GHz MIMO
 Plot No.: V22

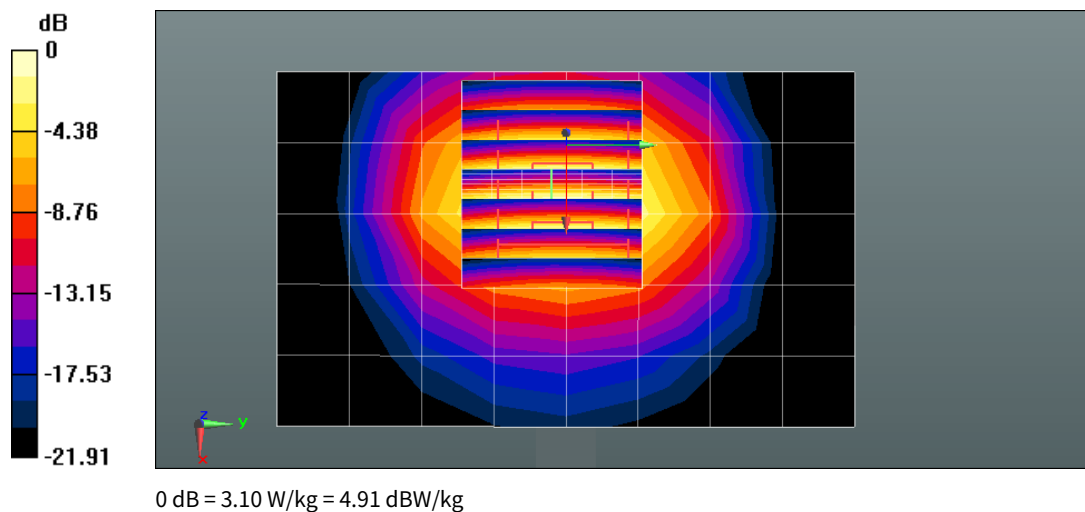
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2450 \text{ MHz}$; $\sigma = 1.739 \text{ S/m}$; $\epsilon_r = 40.735$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(4.46, 4.8, 4.79) @ 2450 MHz; Calibrated: 2024-07-17
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- 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)

2450MHz Head Verification/Area Scan (6x9x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
 Maximum value of SAR (measured) = 2.96 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 = 32.68 V/m; Power Drift = 0.05 dB
 Peak SAR (extrapolated) = 4.88 W/kg
SAR(1 g) = 2.36 W/kg; SAR(10 g) = 1.09 W/kg
 Maximum value of SAR (measured) = 3.10 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.6 °C
 Test Date: 2025/07/01
 Band: WLAN2.4 GHz SISO RSDB
 Plot No.: V23

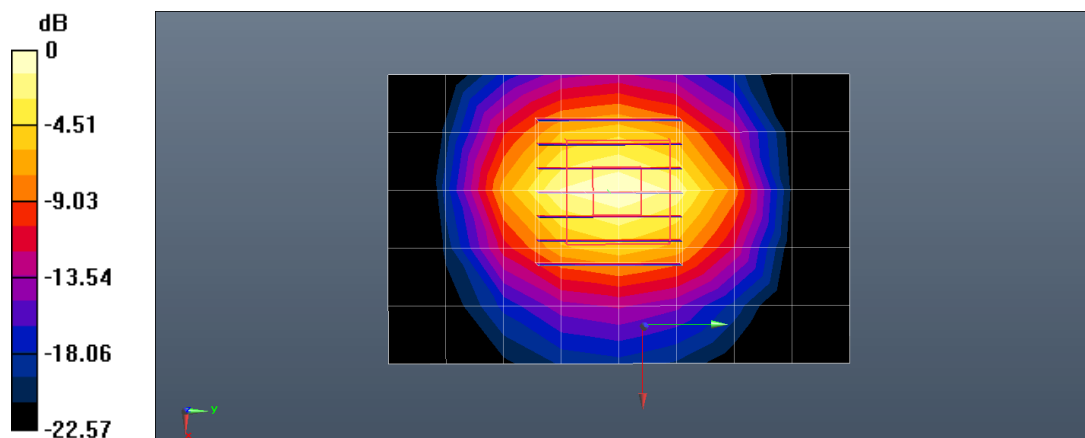
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2450 \text{ MHz}$; $\sigma = 1.739 \text{ S/m}$; $\epsilon_r = 40.73$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(6.86, 7.07, 6.91) @ 2450 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- 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)

2450MHz Head Verification/Area Scan (6x9x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
 Maximum value of SAR (measured) = 4.12 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 = 43.52 V/m; Power Drift = 0.18 dB
 Peak SAR (extrapolated) = 5.01 W/kg
SAR(1 g) = 2.45 W/kg; SAR(10 g) = 1.12 W/kg
 Maximum value of SAR (measured) = 4.07 W/kg



0 dB = 4.07 W/kg = 6.10 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.5 °C
 Test Date: 2025/07/02
 Band: WLAN2.4 GHz MIMO RSDB
 Plot No.: V23

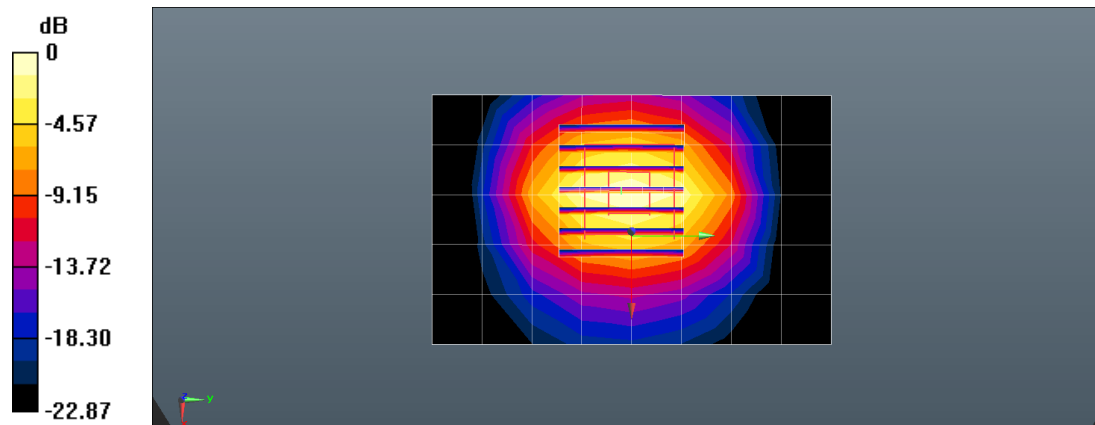
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2450 \text{ MHz}$; $\sigma = 1.733 \text{ S/m}$; $\epsilon_r = 40.7$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(6.86, 7.07, 6.91) @ 2450 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- 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)

2450MHz Head Verification/Area Scan (6x9x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
 Maximum value of SAR (measured) = 4.11 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 = 42.96 V/m; Power Drift = 0.19 dB
 Peak SAR (extrapolated) = 4.99 W/kg
SAR(1 g) = 2.44 W/kg; SAR(10 g) = 1.12 W/kg
 Maximum value of SAR (measured) = 4.06 W/kg



0 dB = 4.06 W/kg = 6.09 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.7 °C
 Test Date: 2025/07/08
 Band: Bluetooth SISO
 Plot No.: V24

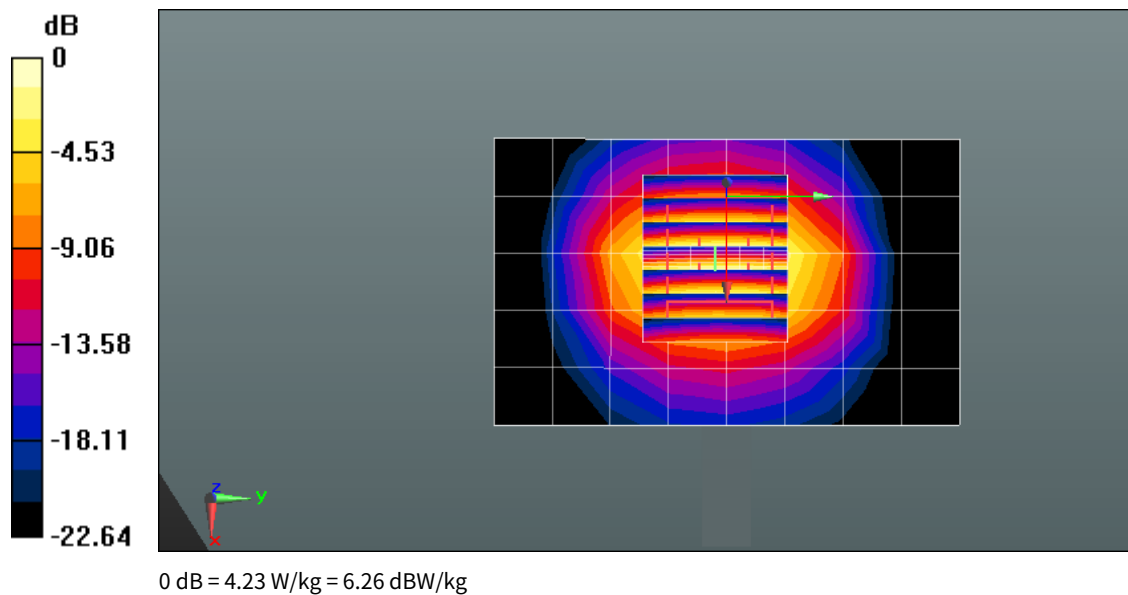
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.831$ S/m; $\epsilon_r = 38.965$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(6.86, 7.07, 6.91) @ 2450 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- 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)

2450MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.93 W/kg

2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 49.19 V/m; Power Drift = 0.12 dB
 Peak SAR (extrapolated) = 5.21 W/kg
SAR(1 g) = 2.56 W/kg; SAR(10 g) = 1.18 W/kg
 Maximum value of SAR (measured) = 4.23 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.6 °C
 Test Date: 2025/07/09
 Band: Bluetooth MIMO
 Plot No.: V24

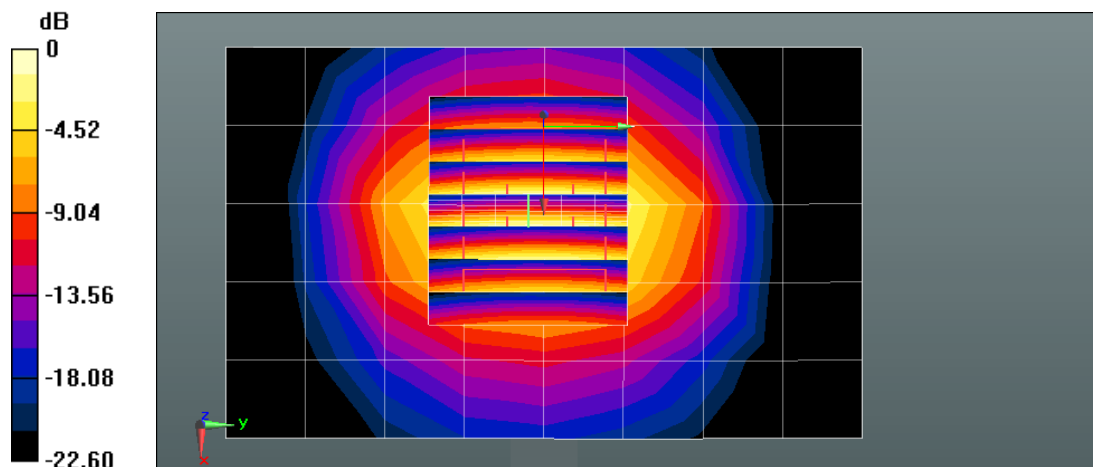
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.824$ S/m; $\epsilon_r = 39.182$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(6.86, 7.07, 6.91) @ 2450 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- 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)

2450MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.88 W/kg

2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 49.17 V/m; Power Drift = 0.16 dB
 Peak SAR (extrapolated) = 5.16 W/kg
SAR(1 g) = 2.55 W/kg; SAR(10 g) = 1.18 W/kg
 Maximum value of SAR (measured) = 4.20 W/kg



0 dB = 4.20 W/kg = 6.23 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.7 °C
 Test Date: 2025/07/10
 Band: Bluetooth LE
 Plot No.: V24

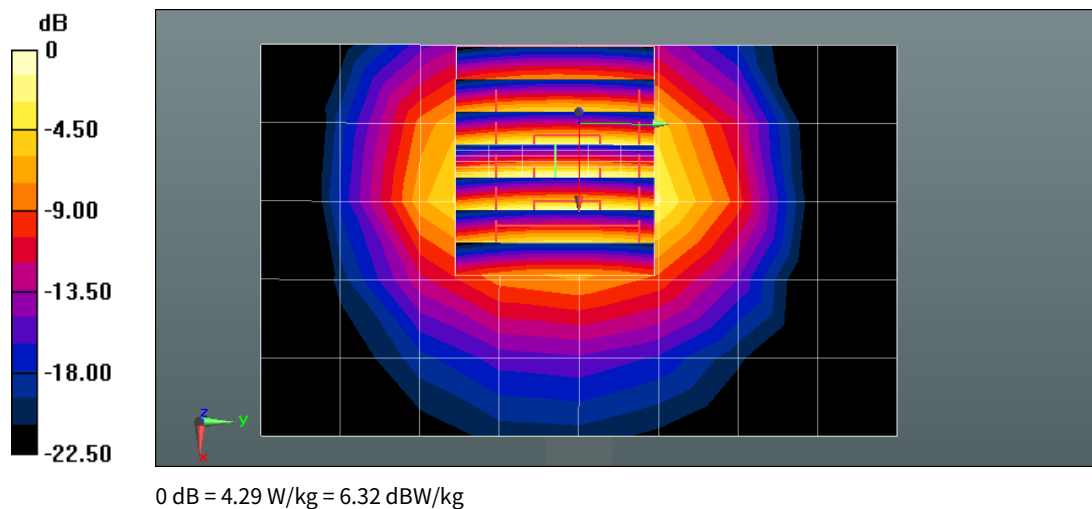
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.805$ S/m; $\epsilon_r = 38.88$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(6.86, 7.07, 6.91) @ 2450 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- 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)

2450MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.84 W/kg

2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 35.35 V/m; Power Drift = 0.05 dB
 Peak SAR (extrapolated) = 5.24 W/kg
SAR(1 g) = 2.58 W/kg; SAR(10 g) = 1.19 W/kg
 Maximum value of SAR (measured) = 4.29 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.2 °C
 Test Date: 2025/07/14
 Band: Bluetooth Stand Alone
 Plot No.: V25
 Measurement Report for Device, , , CW, Channel 0 (2450.0 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	,		CW, 0--	2450.0, 0	6.68	1.76	39.9

Hardware Setup

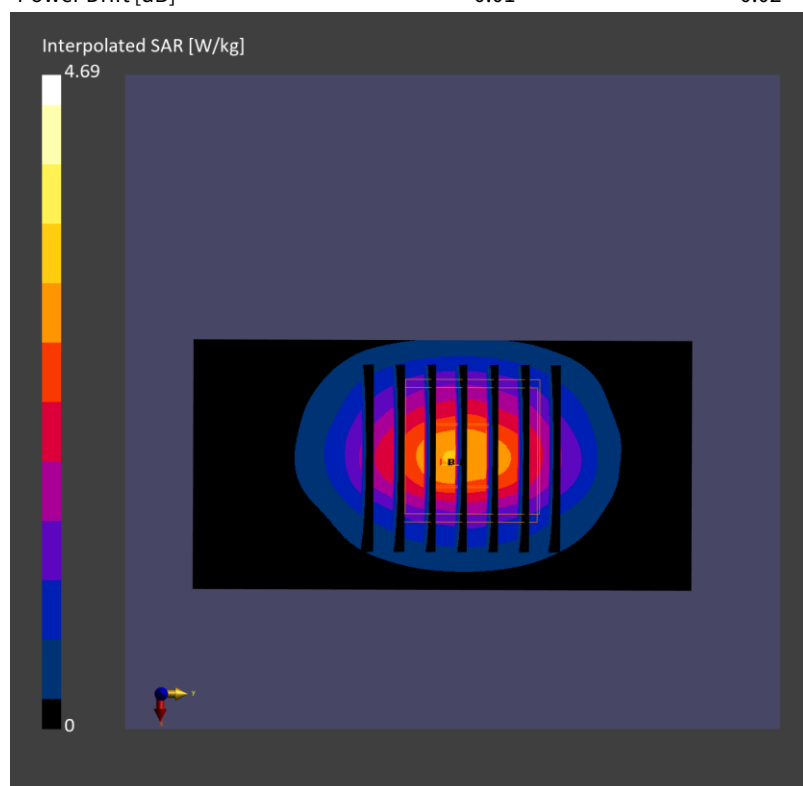
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1254, 2025-05-21

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	n/a	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.44	2.47
psSAR10g [W/Kg]	1.15	1.17
Power Drift [dB]	-0.01	-0.02



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 22.1 °C
Test Date: 2025/06/17
Band: LTE Band 41 Ant.B
Plot No.: V26

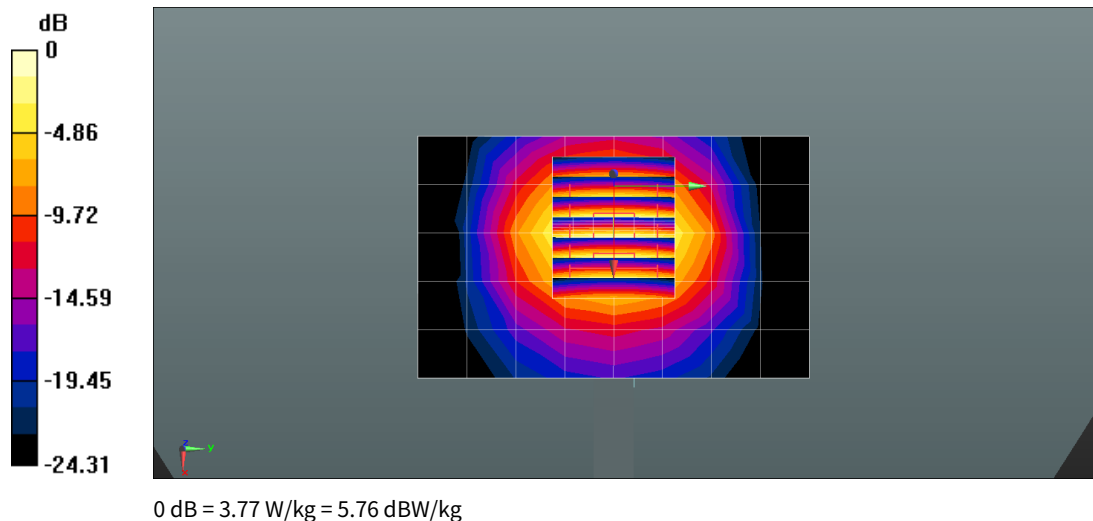
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.96$ S/m; $\epsilon_r = 38.55$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(4.32, 4.65, 4.64) @ 2600 MHz; Calibrated: 2024-07-17
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- 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 (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.74 W/kg

2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 40.64 V/m; Power Drift = 0.10 dB
 Peak SAR (extrapolated) = 6.36 W/kg
SAR(1 g) = 2.79 W/kg; SAR(10 g) = 1.22 W/kg
 Maximum value of SAR (measured) = 3.77 W/kg



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 22.3 °C
Test Date: 2025/06/18
Band: LTE Band 41 Ant.F
Plot No.: V27

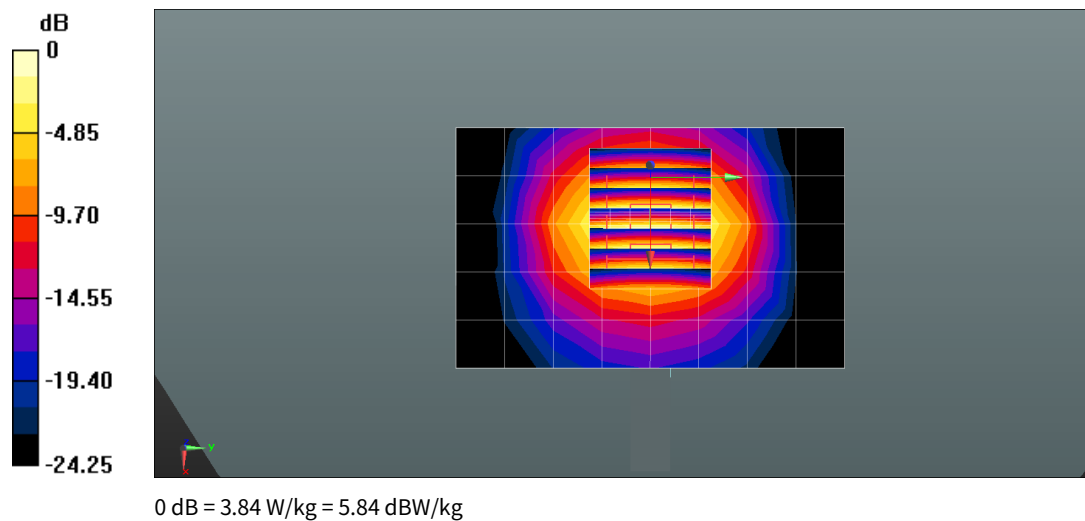
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.003$ S/m; $\epsilon_r = 39.364$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(4.32, 4.65, 4.64) @ 2600 MHz; Calibrated: 2024-07-17
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- 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 (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.84 W/kg

2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 40.72 V/m; Power Drift = 0.09 dB
 Peak SAR (extrapolated) = 6.49 W/kg
SAR(1 g) = 2.86 W/kg; SAR(10 g) = 1.25 W/kg
 Maximum value of SAR (measured) = 3.84 W/kg



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 18.7 °C
Test Date: 2025/06/26
Band: WLAN5 GHz UNII1&2A
Plot No.: V28
Measurement Report for Device , , CW, Channel 0 (5250.0 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	,		CW, 0--	5250.0, 0	5.03	4.74	35.9

Hardware Setup

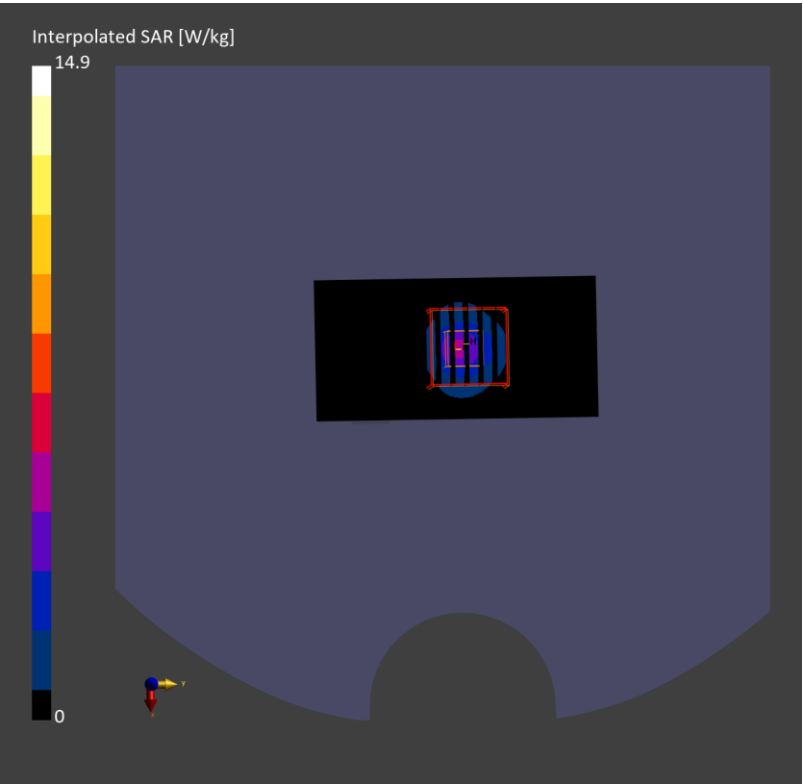
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1254, 2025-05-21

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
Grading Ratio	n/a	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.48	3.85
psSAR10g [W/Kg]	1.01	1.11
Power Drift [dB]	-0.05	-0.00



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 19.7 °C
Test Date: 2025/06/30
Band: WLAN5 GHz UNII1&2A RSDB
Plot No.: V29
Measurement Report for Device, , , CW, Channel 0 (5250.0 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	,		CW, 0--	5250.0, 0	5.03	4.53	37.3

Hardware Setup

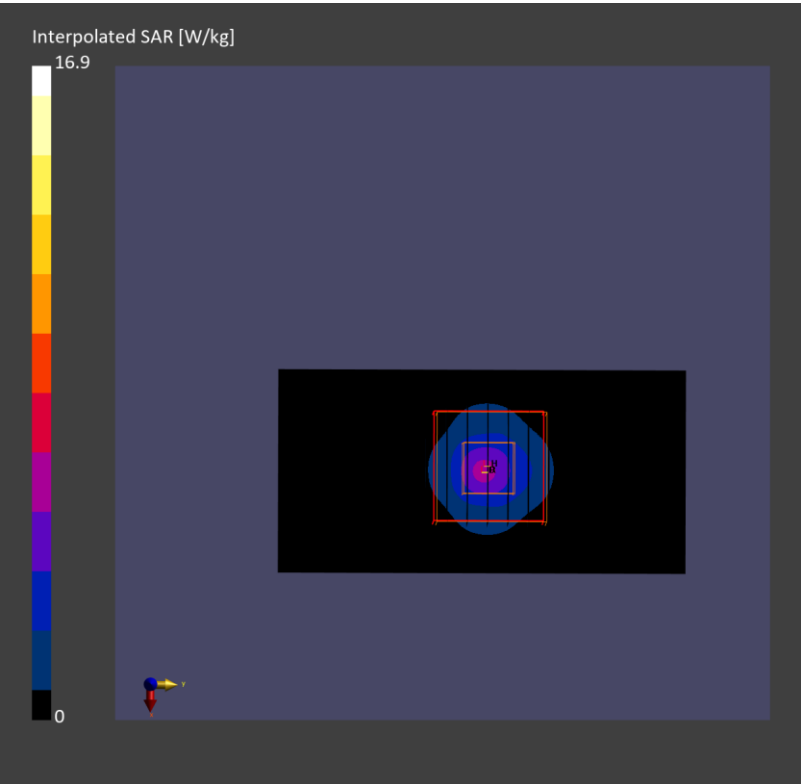
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1254, 2025-05-21

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
Grading Ratio	n/a	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.75	4.19
psSAR10g [W/Kg]	1.07	1.19
Power Drift [dB]	-0.01	-0.01



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 19.2 °C
Test Date: 2025/06/27
Band: WLAN5 GHz UNII2C
Plot No.: V30
Measurement Report for Device, , CW, Channel 0 (5600.0 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	,		CW, 0--	5600.0, 0	4.63	5.10	35.4

Hardware Setup

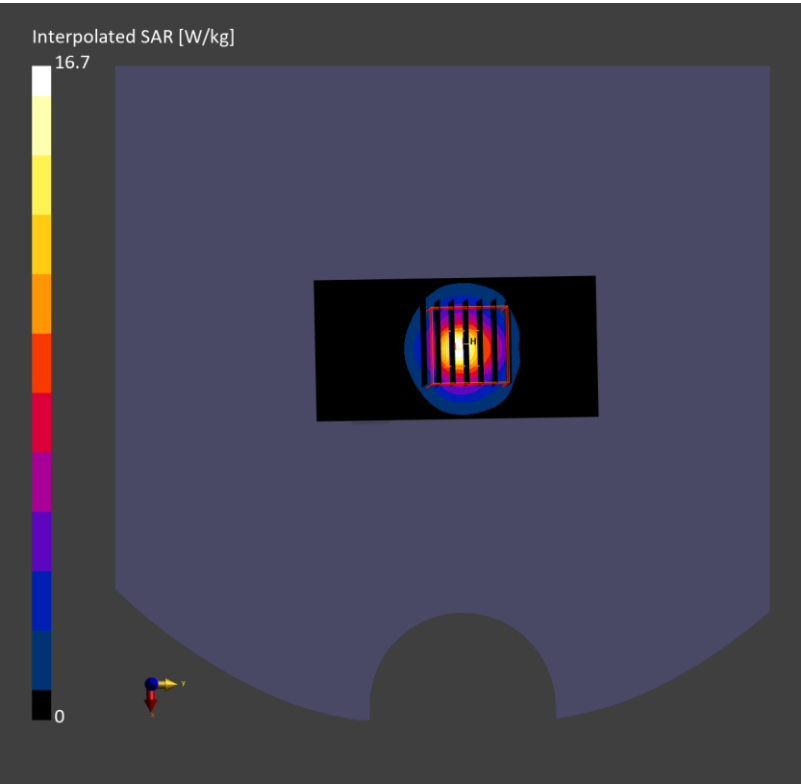
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1254, 2025-05-21

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
Grading Ratio	n/a	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.58	3.99
psSAR10g [W/Kg]	1.03	1.14
Power Drift [dB]	-0.02	-0.03



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 22.4 °C
Test Date: 2025/07/01
Band: WLAN5 GHz UNII2C RSDB
Plot No.: V31
Measurement Report for Device, , , CW, Channel 0 (5600.0 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	,		CW, 0--	5600.0, 0	4.63	4.96	36.7

Hardware Setup

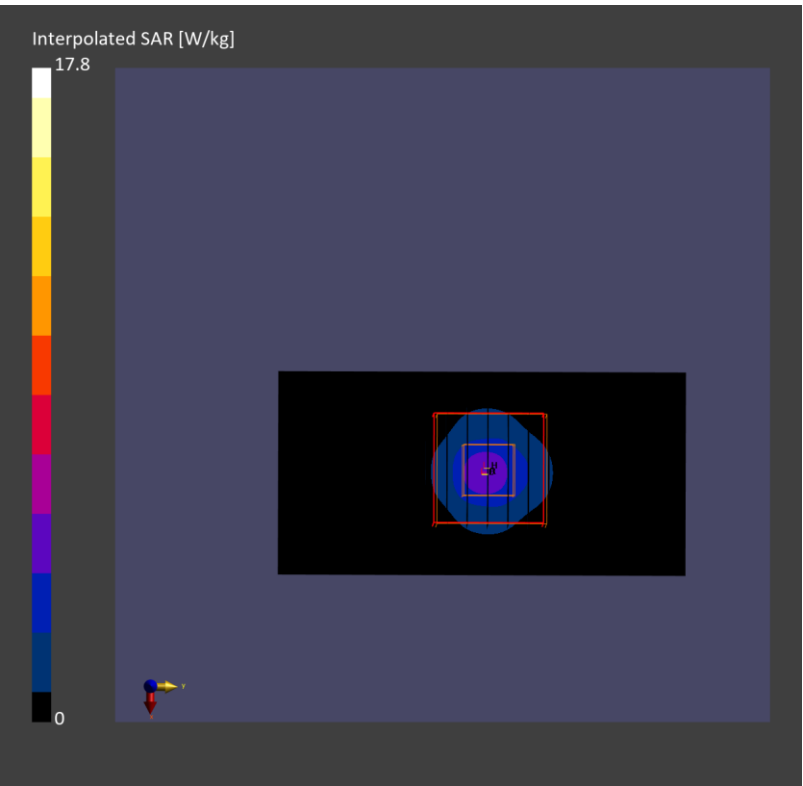
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1254, 2025-05-21

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
Grading Ratio	n/a	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.73	4.19
psSAR10g [W/Kg]	1.05	1.18
Power Drift [dB]	0.01	-0.03



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 19.6 °C
Test Date: 2025/06/28
Band: WLAN5 GHz UNII3
Plot No.: V32
Measurement Report for Device , , CW, Channel 0 (5750.0 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	,		CW, 0--	5750.0, 0	4.63	5.35	34.7

Hardware Setup

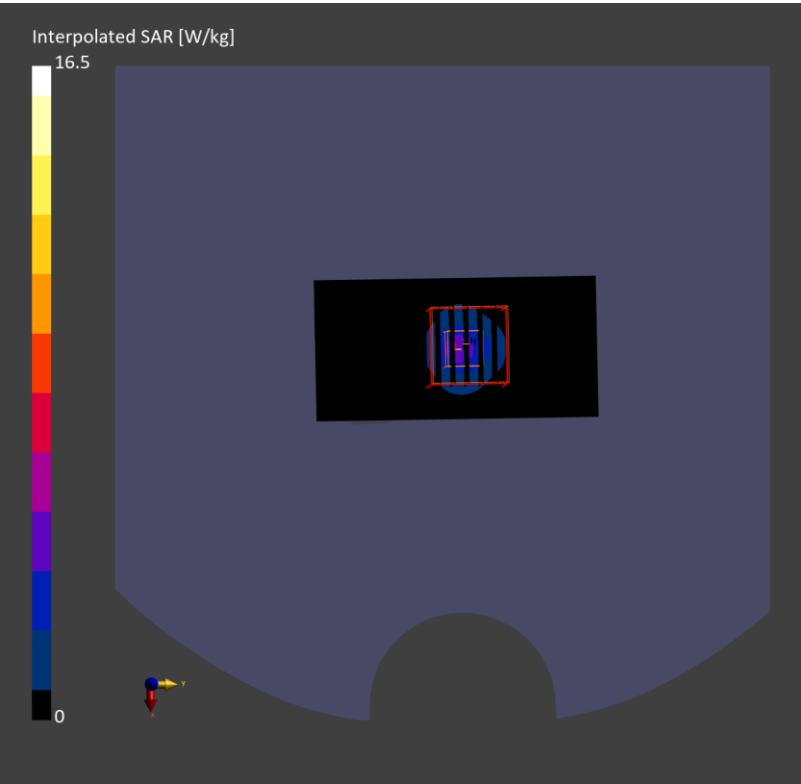
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1254, 2025-05-21

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
Grading Ratio	n/a	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.37	3.80
psSAR10g [W/Kg]	0.967	1.09
Power Drift [dB]	-0.01	-0.01



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 22.0 °C
Test Date: 2025/07/02
Band: WLAN5 GHz UNII3 RSDB
Plot No.: V33
Measurement Report for Device, , , CW, Channel 0 (5750.0 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	,		CW, 0--	5750.0, 0	4.63	5.31	35.4

Hardware Setup

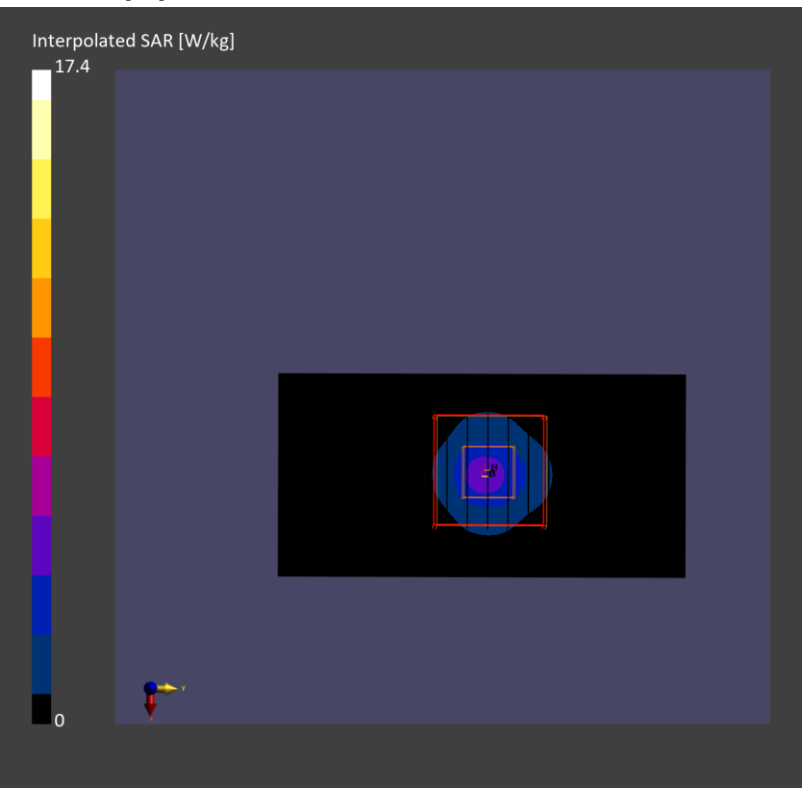
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1254, 2025-05-21

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
Grading Ratio	n/a	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.42	3.91
psSAR10g [W/Kg]	0.973	1.11
Power Drift [dB]	0.00	0.02



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 20.4 °C
Test Date: 2025/07/05
Band: WLAN5 GHz UNII4
Plot No.: V34
Measurement Report for Device, , , CW, Channel 0 (5800.0 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	,		CW, 0--	5800.0, 0	4.66	5.25	34.7

Hardware Setup

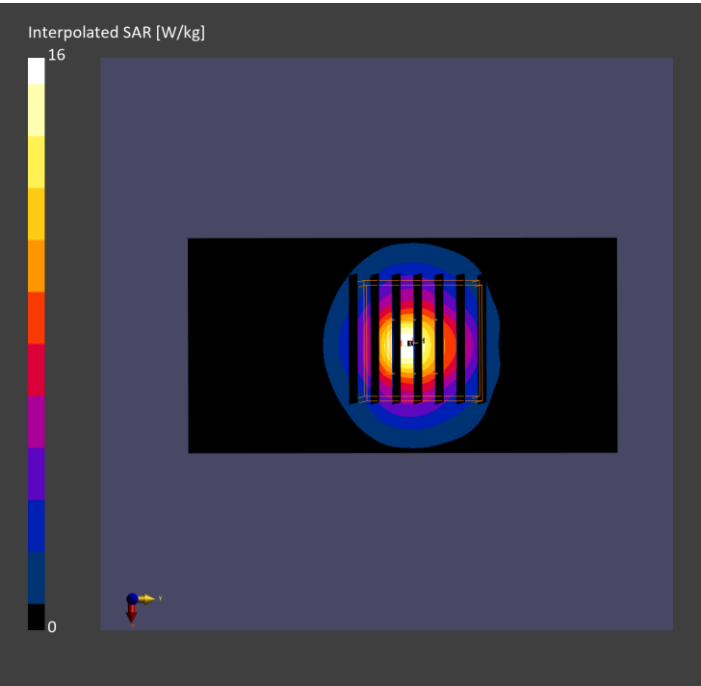
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1254, 2025-05-21

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
Grading Ratio	n/a	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	3.25	3.65
psSAR10g [W/kg]	0.934	1.04
Power Drift [dB]	0.00	-0.01



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 20.8 °C
Test Date: 2025/07/06
Band: WLAN5 GHz UNII4 RSDB
Plot No.: V35
Measurement Report for Device, , , CW, Channel 0 (5800.0 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	,		CW, 0--	5800.0, 0	4.66	5.30	35.9

Hardware Setup

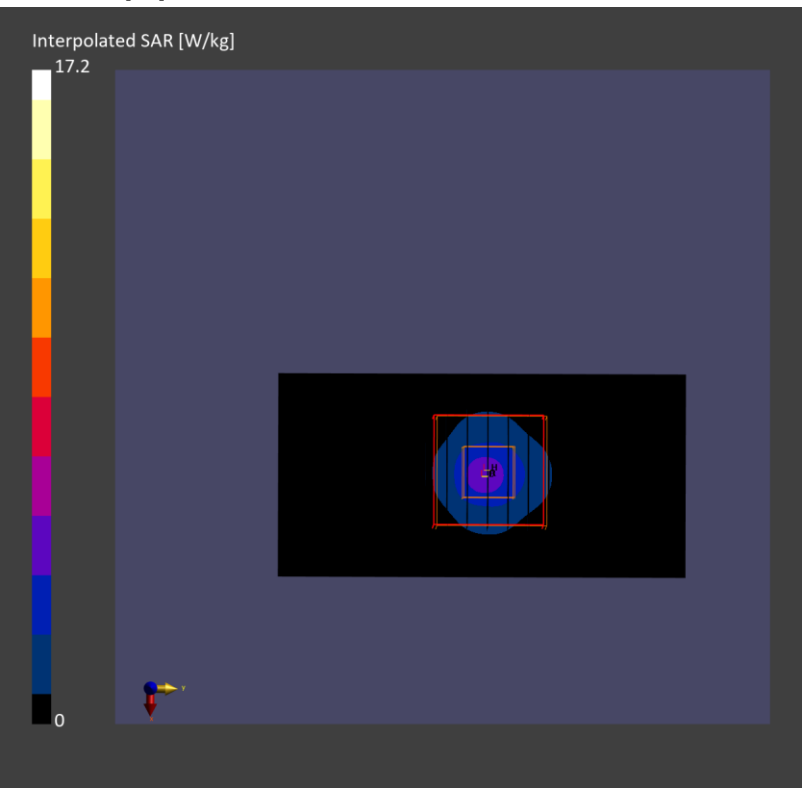
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1254, 2025-05-21

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
Grading Ratio	n/a	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.34	3.79
psSAR10g [W/Kg]	0.950	1.08
Power Drift [dB]	0.02	-0.00



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 20.8 °C
Test Date: 2025/06/24
Band: WLAN6 GHz Ant.H
Plot No.: V36
Measurement Report for Device, , CW, Channel 0 (6500.0 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	,		CW, 0--	6500.0, 0	5.45	5.98	34.7

Hardware Setup

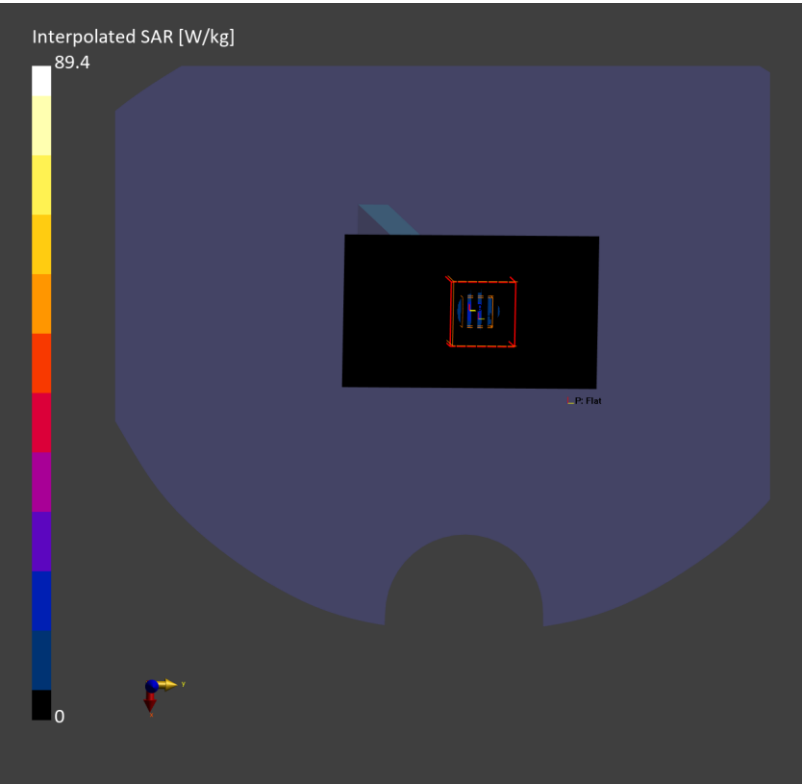
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1254, 2025-05-21

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
Grading Ratio	n/a	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	12.0	14.4
psSAR10g [W/Kg]	2.41	2.67
Power Drift [dB]	-0.03	-0.03



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 19.2 °C
Test Date: 2025/06/25
Band: WLAN6 GHz Ant.E
Plot No.: V37
Measurement Report for Device , , CW, Channel 0 (6500.0 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	,		CW, 0--	6500.0, 0	5.45	6.06	34.3

Hardware Setup

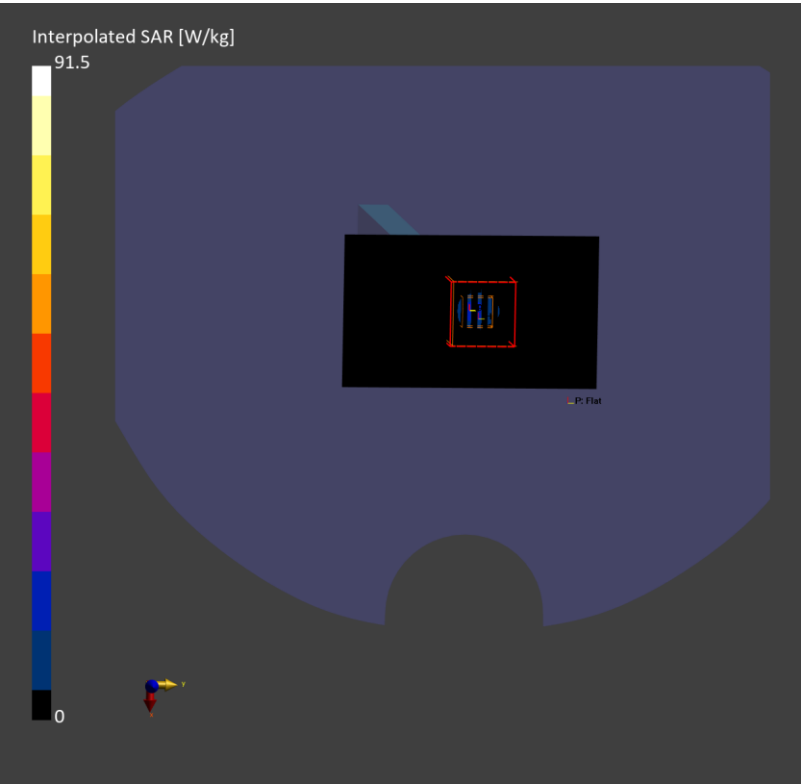
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1254, 2025-05-21

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
Grading Ratio	n/a	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	12.2	14.6
psSAR10g [W/Kg]	2.45	2.71
Power Drift [dB]	-0.04	-0.02



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 21.1 °C
Test Date: 2025/06/27
Band: NR Band n5 Ant.A
Plot No.: V38
Measurement Report for Device, , CW, Channel 0 (835.000 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	,		CW, 0--	835.000, 0	9.44	0.908	42.9

Hardware Setup

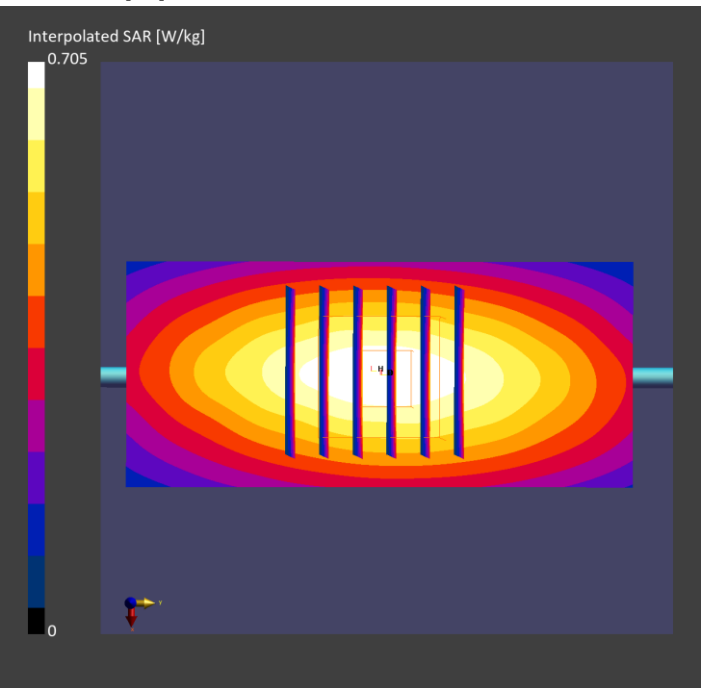
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.472	0.480
psSAR10g [W/kg]	0.311	0.330
Power Drift [dB]	0.01	-0.02



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 21.0 °C
Test Date: 2025/06/28
Band: NR Band n5 Ant.E
Plot No.: V39
Measurement Report for Device, , CW, Channel 0 (835.000 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	,		CW, 0--	835.000, 0	9.44	0.917	43.2

Hardware Setup

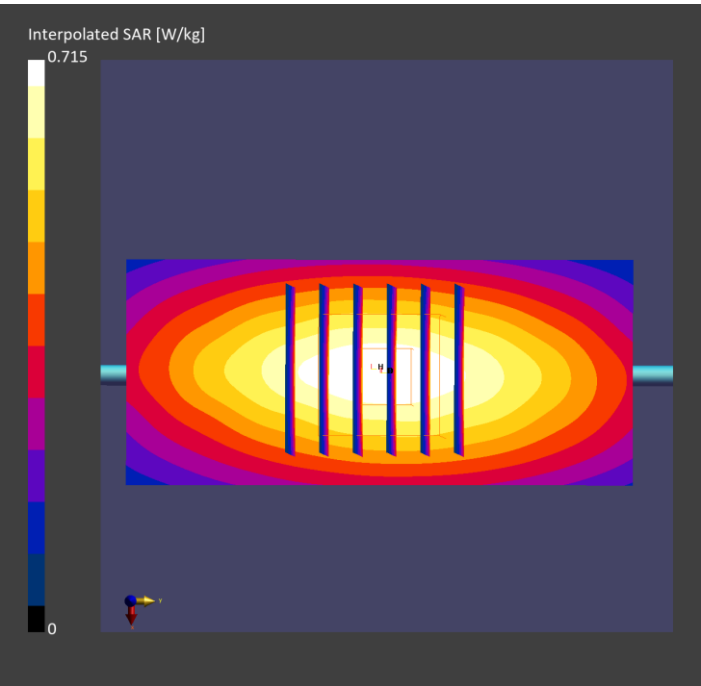
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.475	0.486
psSAR10g [W/kg]	0.313	0.333
Power Drift [dB]	0.02	0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.8 °C
 Test Date: 2025/06/23
 Band: NR Band n66 Ant.A
 Plot No.: V40

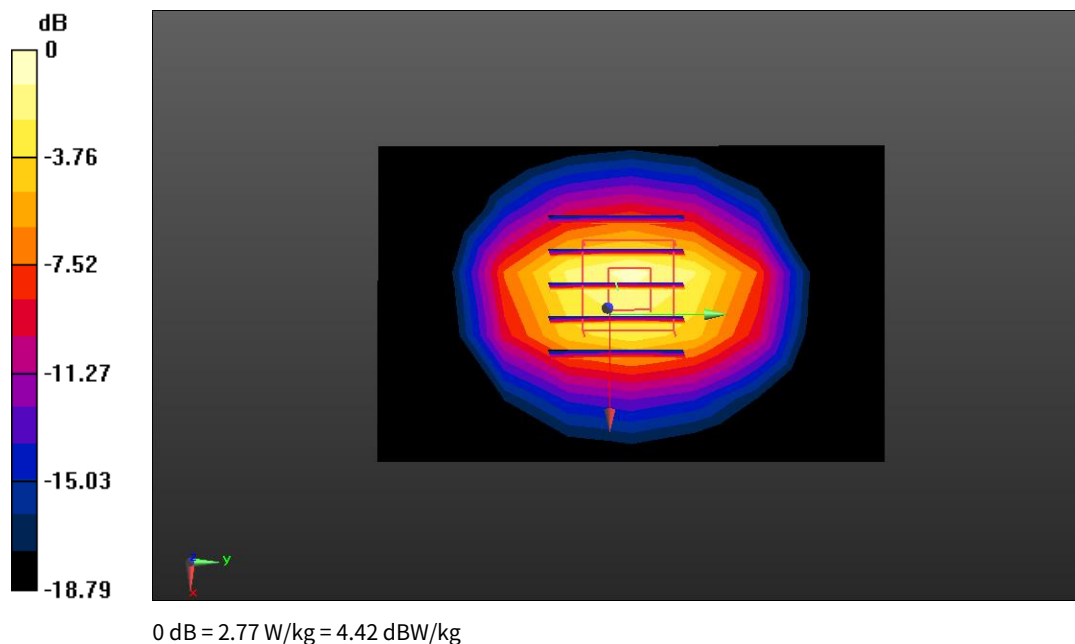
Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.349 \text{ S/m}$; $\epsilon_r = 40.641$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.59, 7.83, 7.65) @ 1800 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- 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 = 46.87 V/m; Power Drift = 0.04 dB
 Peak SAR (extrapolated) = 3.27 W/kg
SAR(1 g) = 1.8 W/kg; SAR(10 g) = 0.936 W/kg
 Maximum value of SAR (measured) = 2.77 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.0 °C
 Test Date: 2025/06/24
 Band: NR Band n66 Ant.F
 Plot No.: V41

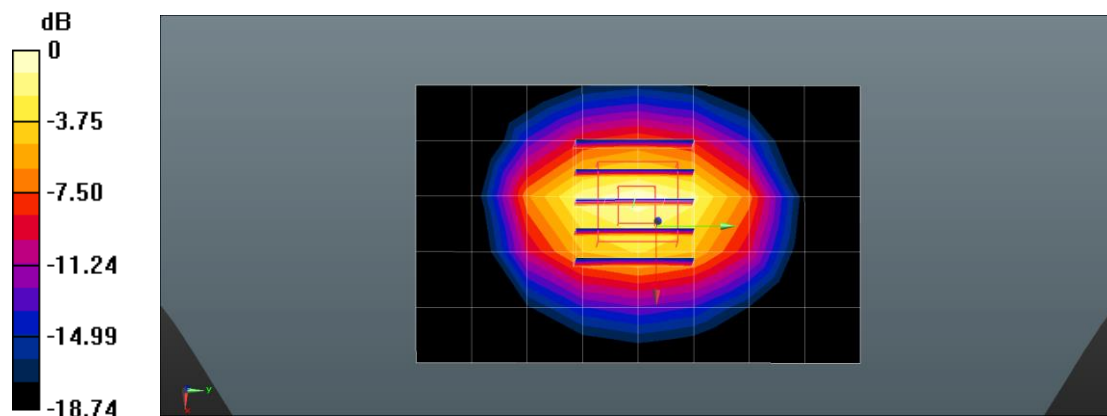
Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.345 \text{ S/m}$; $\epsilon_r = 40.587$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.59, 7.83, 7.65) @ 1800 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- 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) = 2.71 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 = 46.28 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 3.42 W/kg
SAR(1 g) = 1.86 W/kg; SAR(10 g) = 0.965 W/kg
 Maximum value of SAR (measured) = 2.91 W/kg



0 dB = 2.91 W/kg = 4.64 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.1 °C
 Test Date: 2025/06/20
 Band: NR Band n25 Ant.A
 Plot No.: V42

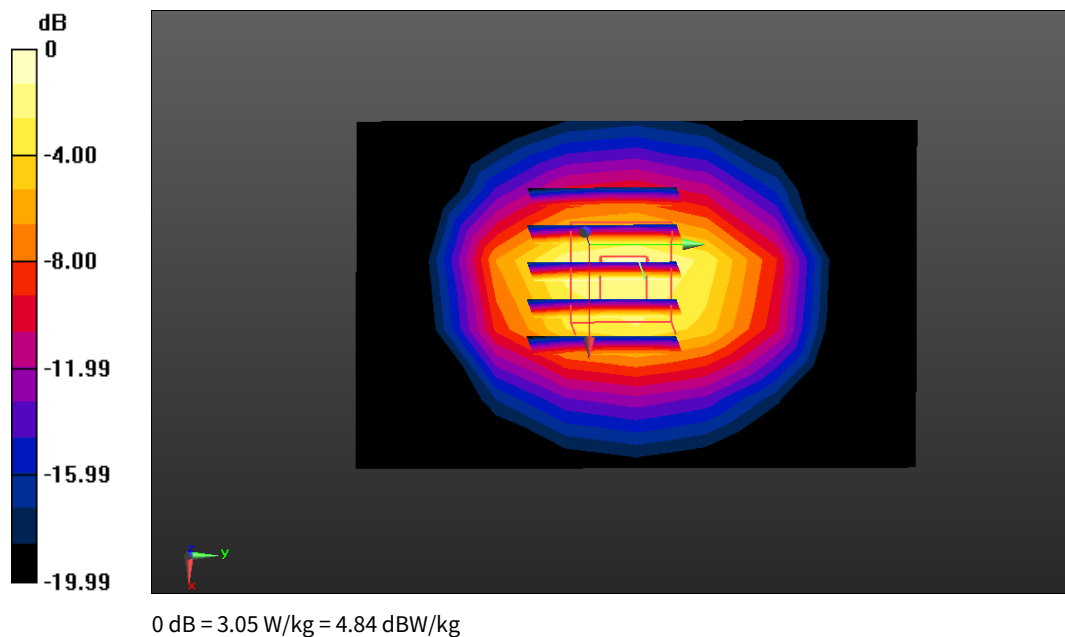
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.413 \text{ S/m}$; $\epsilon_r = 40.371$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.34, 7.57, 7.4) @ 1900 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- 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) = 2.50 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 = 48.56 V/m; Power Drift = 0.04 dB
 Peak SAR (extrapolated) = 3.68 W/kg
SAR(1 g) = 1.99 W/kg; SAR(10 g) = 1.01 W/kg
 Maximum value of SAR (measured) = 3.05 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.1 °C
 Test Date: 2025/06/21
 Band: NR Band n25 Ant.F
 Plot No.: V43

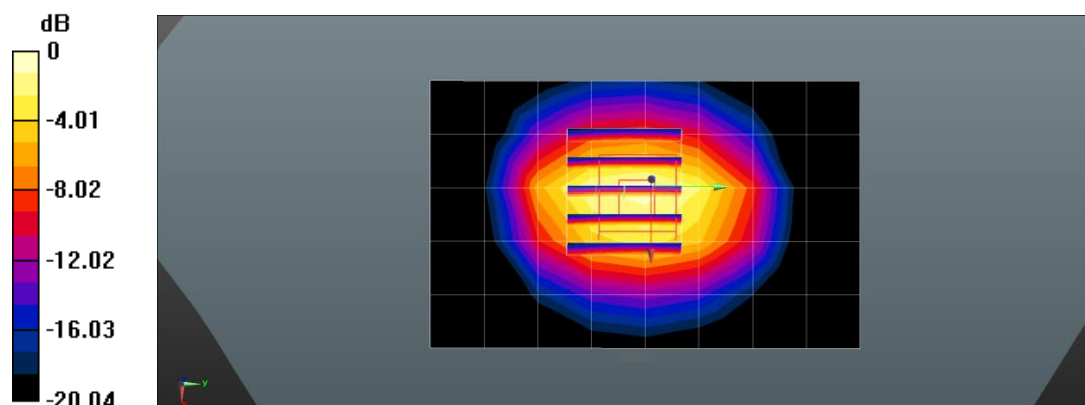
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.409 \text{ S/m}$; $\epsilon_r = 40.321$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.34, 7.57, 7.4) @ 1900 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- 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) = 2.90 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 = 48.02 V/m; Power Drift = 0.07 dB
 Peak SAR (extrapolated) = 3.81 W/kg
SAR(1 g) = 2.05 W/kg; SAR(10 g) = 1.05 W/kg
 Maximum value of SAR (measured) = 3.17 W/kg



0 dB = 3.17 W/kg = 5.01 dBW/kg

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 21.5 °C
Test Date: 2025/07/10
Band: NR Band n41 Ant.B
Plot No.: V44
Measurement Report for Device, , , CW, Channel 0 (2600.000 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	,		CW, 0--	2600.000, 0	7.35	1.94	40.0

Hardware Setup

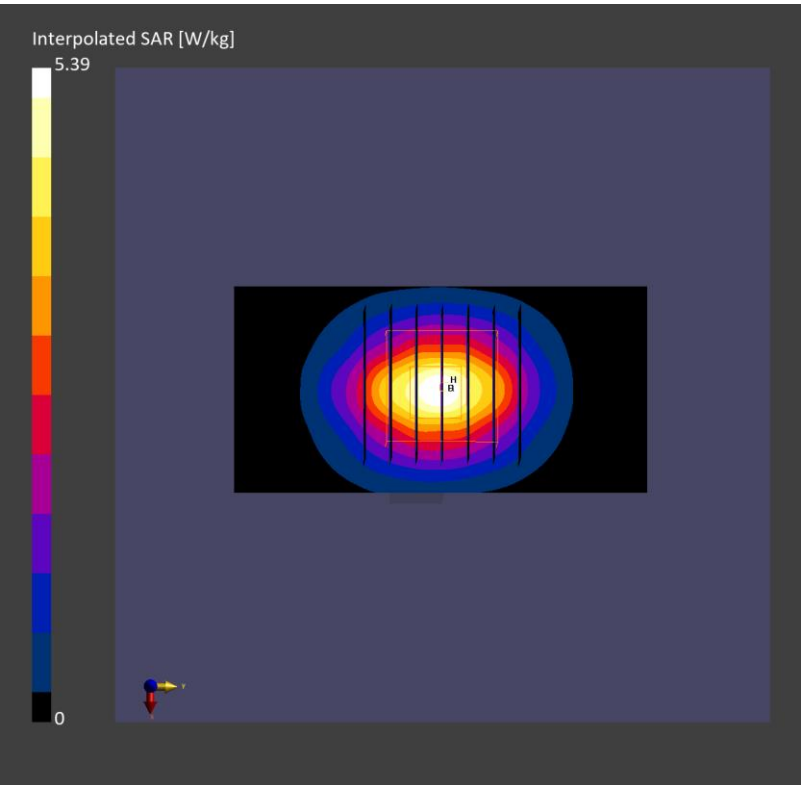
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn1687, 2024-07-12

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.76	2.78
psSAR10g [W/Kg]	1.23	1.31
Power Drift [dB]	0.01	0.04



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 21.9 °C
Test Date: 2025/07/11
Band: NR Band n41 Ant.B SRS
Plot No.: V45

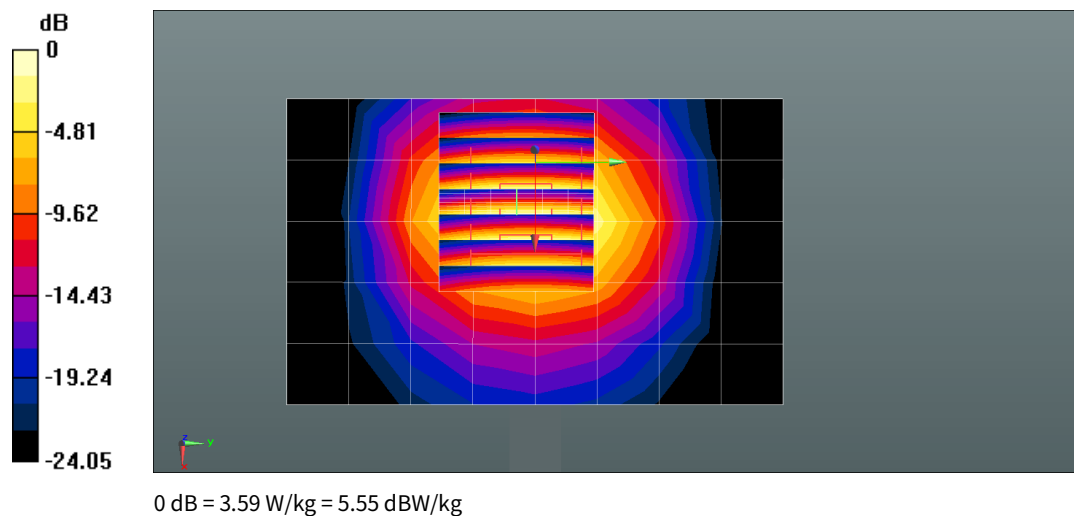
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.906$ S/m; $\epsilon_r = 40.748$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(6.76, 6.97, 6.82) @ 2600 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- 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 (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.63 W/kg

2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 36.56 V/m; Power Drift = 0.16 dB
 Peak SAR (extrapolated) = 5.80 W/kg
SAR(1 g) = 2.71 W/kg; SAR(10 g) = 1.21 W/kg
 Maximum value of SAR (measured) = 3.59 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.6 °C
 Test Date: 2025/07/07
 Band: NR Band n41 Ant.F Head
 Plot No.: V46

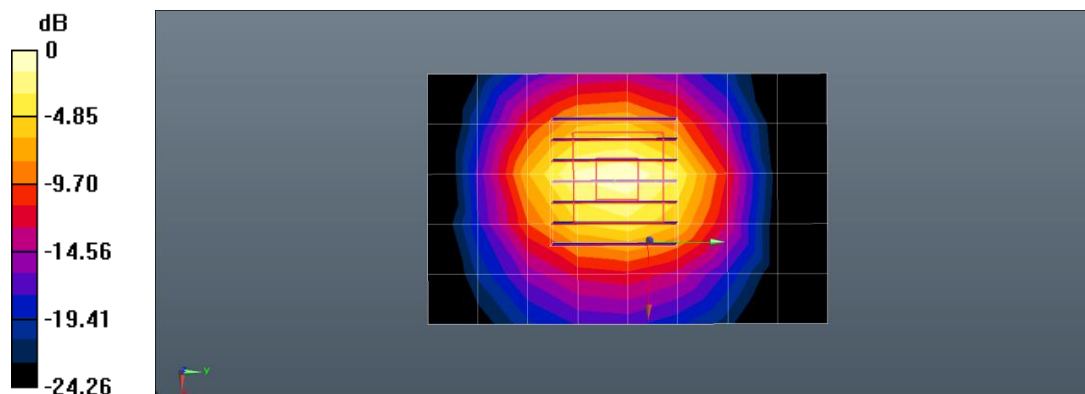
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.974$ S/m; $\epsilon_r = 38.651$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(6.76, 6.97, 6.82) @ 2600 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- 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 (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 4.29 W/kg

2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 45.95 V/m; Power Drift = 0.17 dB
 Peak SAR (extrapolated) = 5.62 W/kg
SAR(1 g) = 2.6 W/kg; SAR(10 g) = 1.15 W/kg
 Maximum value of SAR (measured) = 4.48 W/kg



0 dB = 4.48 W/kg = 6.51 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.1 °C
 Test Date: 2025/06/20
 Band: NR Band n41 Ant.F Body
 Plot No.: V47

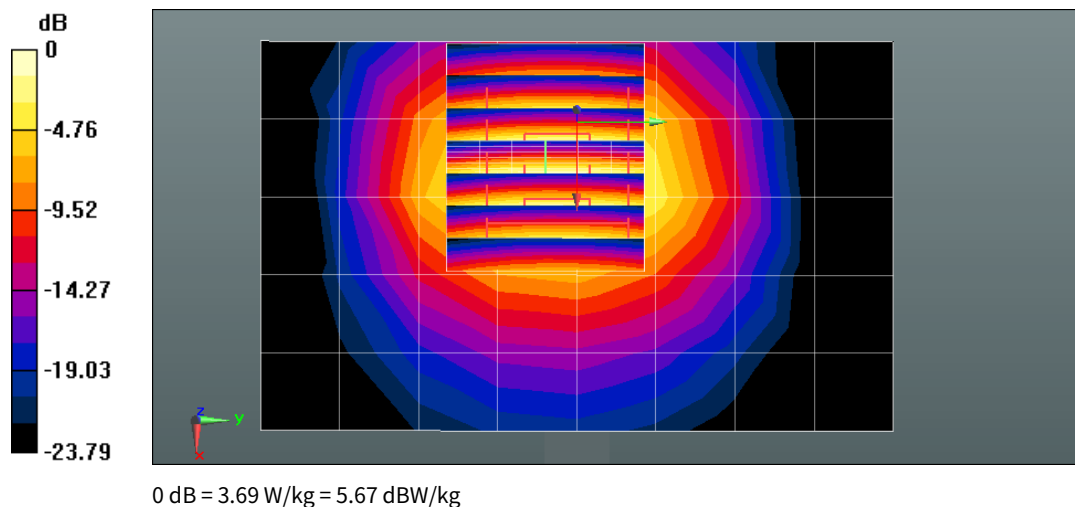
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.008$ S/m; $\epsilon_r = 39.143$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(4.32, 4.65, 4.64) @ 2600 MHz; Calibrated: 2024-07-17
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- 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 (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.25 W/kg

2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 30.93 V/m; Power Drift = 0.05 dB
 Peak SAR (extrapolated) = 6.12 W/kg
SAR(1 g) = 2.76 W/kg; SAR(10 g) = 1.22 W/kg
 Maximum value of SAR (measured) = 3.69 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.1 °C
 Test Date: 2025/07/12
 Band: NR Band n41 Ant.F SRS
 Plot No.: V48

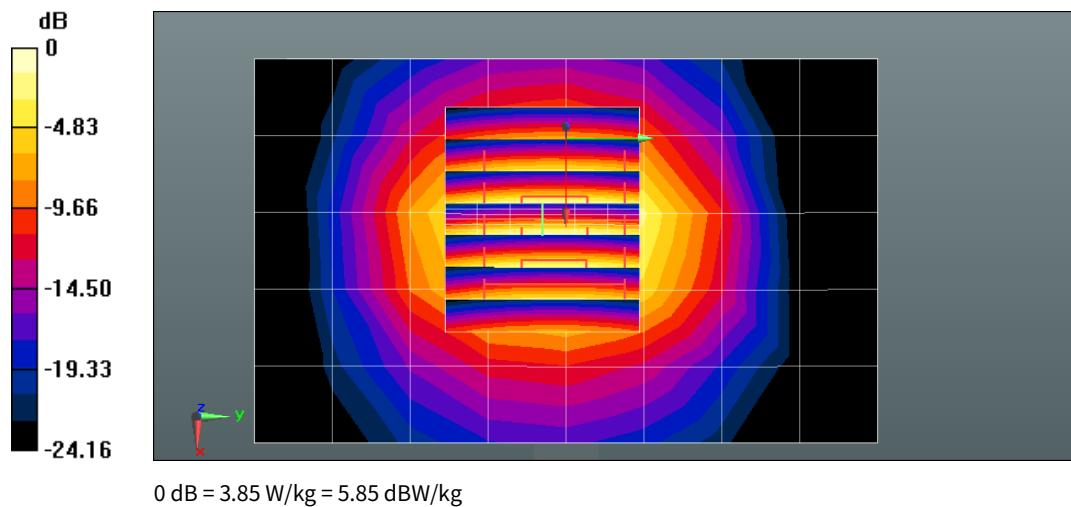
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.906$ S/m; $\epsilon_r = 40.633$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(6.76, 6.97, 6.82) @ 2600 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- 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 (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.55 W/kg

2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 44.24 V/m; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 6.38 W/kg
SAR(1 g) = 2.9 W/kg; SAR(10 g) = 1.26 W/kg
 Maximum value of SAR (measured) = 3.85 W/kg



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 21.2 °C
Test Date: 2025/07/03
Band: NR Band n77 Ant.F
Plot No.: V49
Measurement Report for Device, , , CW, Channel 0 (3500.000 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	,		CW, 0--	3500.000, 0	7.02	2.93	38.2

Hardware Setup

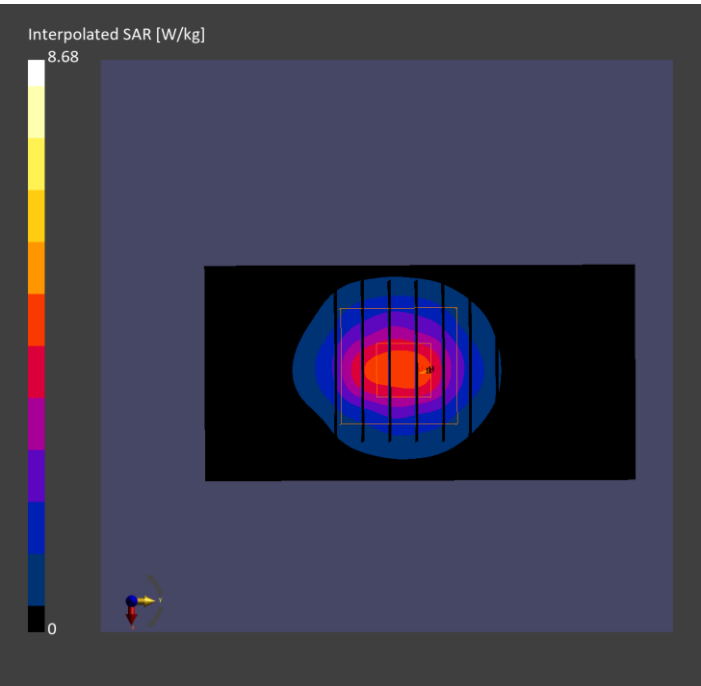
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn868, 2024-09-19

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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	3.60	3.53
psSAR10g [W/kg]	1.36	1.37
Power Drift [dB]	-0.06	-0.11



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 20.0 °C
Test Date: 2025/07/03
Band: NR Band n77 Ant.F SRS Head
Plot No.: V50
Measurement Report for Device, , CW, Channel 0 (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	,		CW, 0--	3500.0, 0	6.25	2.90	37.8

Hardware Setup

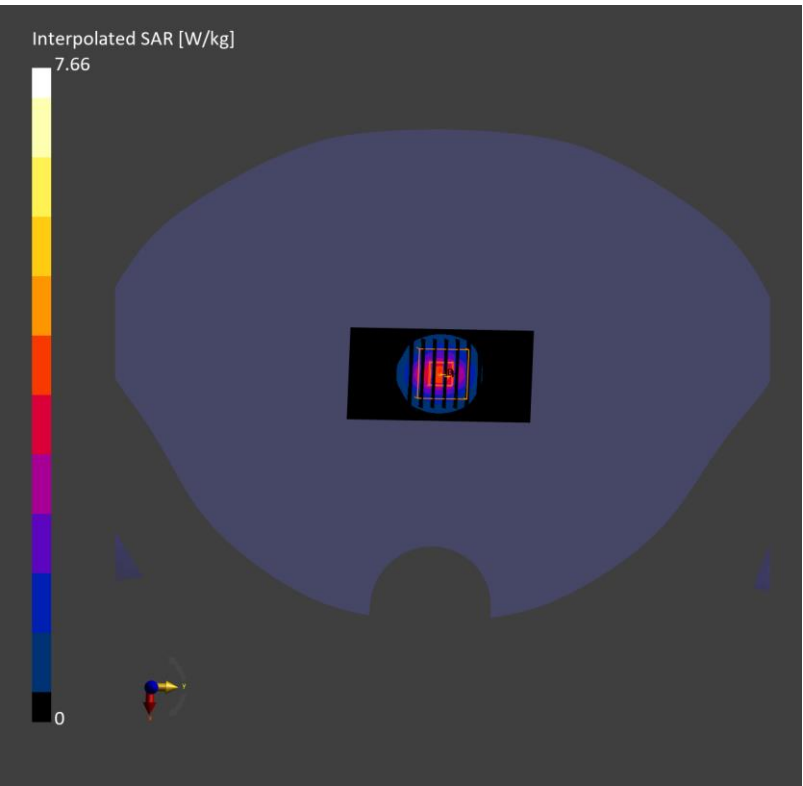
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1254, 2025-05-21

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
Grading Ratio	n/a	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.13	3.13
psSAR10g [W/Kg]	1.18	1.20
Power Drift [dB]	0.02	-0.01



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 20.3 °C
Test Date: 2025/07/04
Band: NR Band n77 Ant.F SRS Body
Plot No.: V50
Measurement Report for Device, , CW, Channel 0 (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	,		CW, 0--	3500.0, 0	6.25	2.91	37.9

Hardware Setup

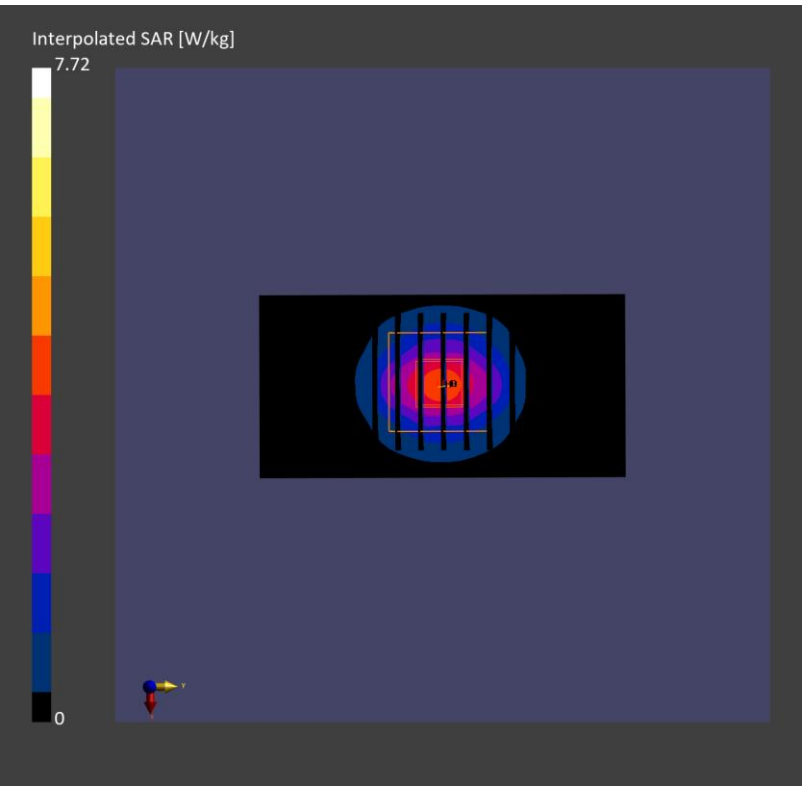
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1254, 2025-05-21

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
Grading Ratio	n/a	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.11	3.13
psSAR10g [W/Kg]	1.17	1.20
Power Drift [dB]	0.02	0.01



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 21.2 °C
Test Date: 2025/07/03
Band: NR Band n77 Ant.F
Plot No.: V51
Measurement Report for Device, , , CW, Channel 0 (3700.000 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	,		CW, 0--	3700.000, 0	6.86	3.12	37.9

Hardware Setup

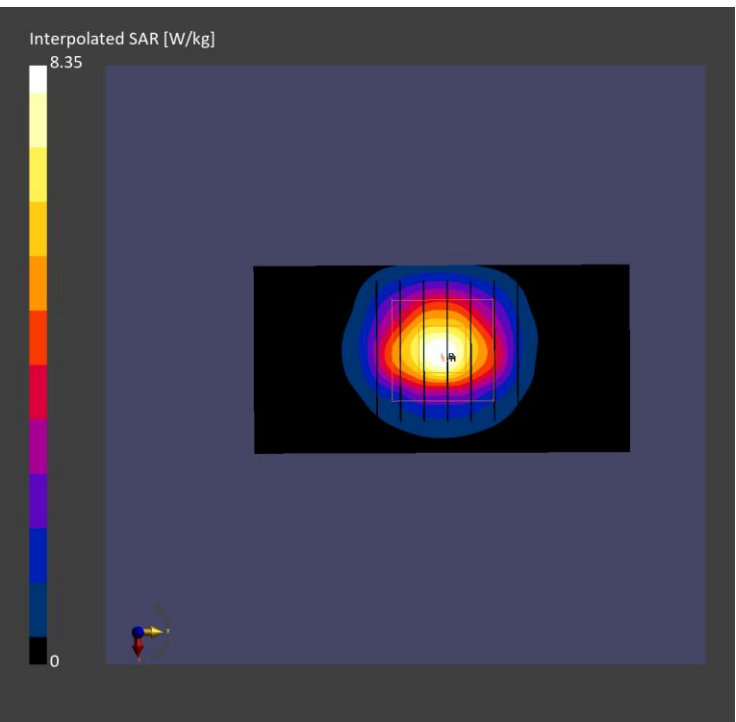
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn868, 2024-09-19

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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.23	3.31
psSAR10g [W/Kg]	1.21	1.24
Power Drift [dB]	-0.01	-0.01



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 20.0 °C
Test Date: 2025/07/03
Band: NR Band n77 Ant.F SRS Head
Plot No.: V52
Measurement Report for Device, , , CW, Channel 0 (3700.0 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	,		CW, 0--	3700.0, 0	6.22	3.09	37.5

Hardware Setup

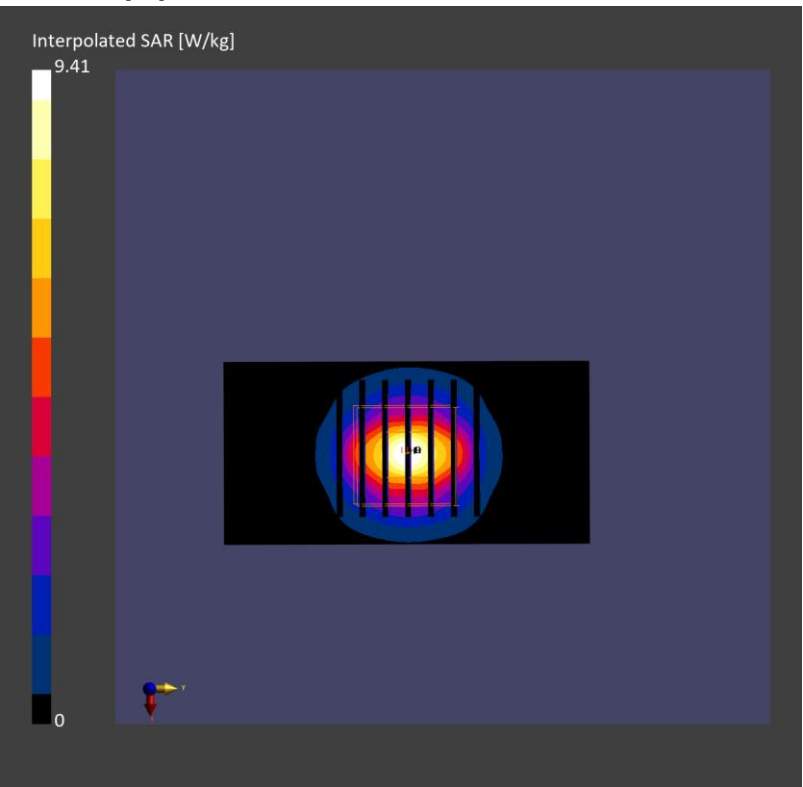
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1254, 2025-05-21

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]	3.45	3.56
psSAR10g [W/Kg]	1.24	1.30
Power Drift [dB]	0.01	-0.00



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 20.3 °C
Test Date: 2025/07/04
Band: NR Band n77 Ant.F SRS Body
Plot No.: V53
Measurement Report for Device , , CW, Channel 0 (3700.0 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	,		CW, 0--	3700.0, 0	6.22	3.10	37.6

Hardware Setup

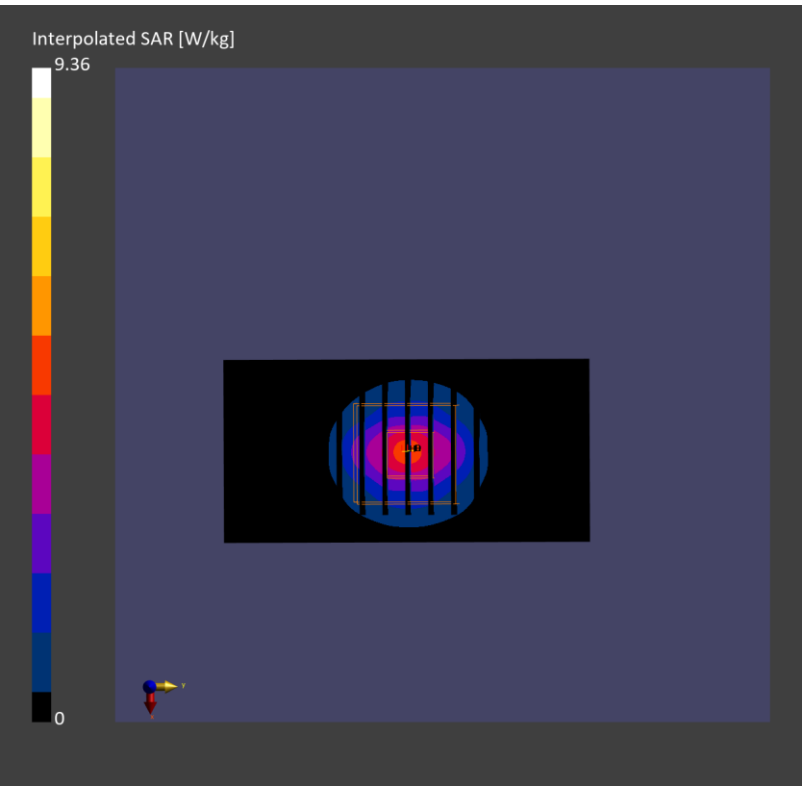
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1254, 2025-05-21

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
Grading Ratio	n/a	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.48	3.57
psSAR10g [W/Kg]	1.25	1.30
Power Drift [dB]	0.01	-0.01



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 21.2 °C
Test Date: 2025/07/03
Band: NR Band n77 Ant.F
Plot No.: V54
Measurement Report for Device, , , CW, Channel 0 (3900.000 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	,		CW, 0--	3900.000, 0	6.81	3.32	37.6

Hardware Setup

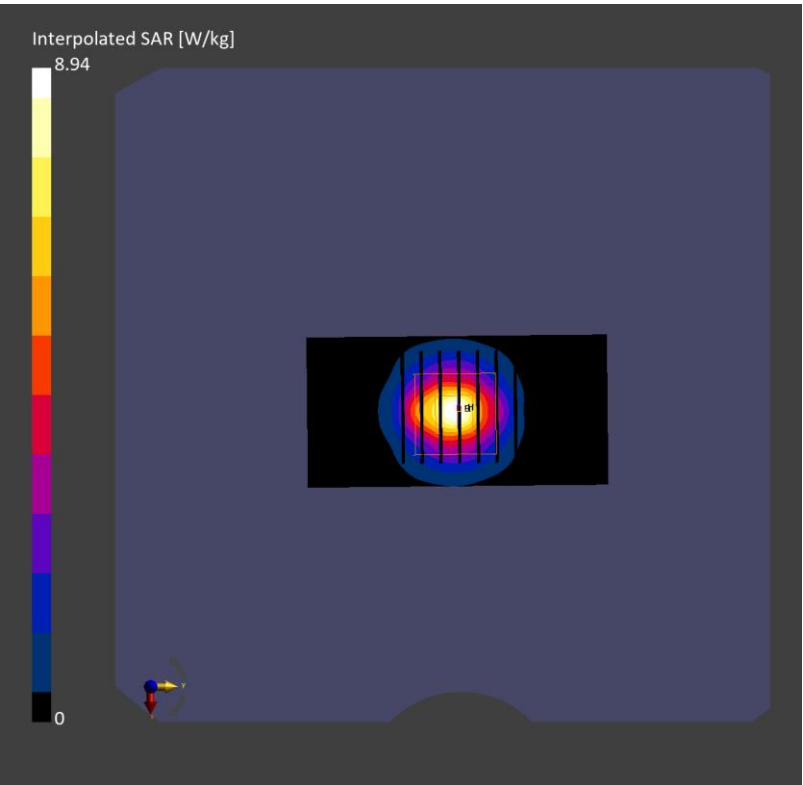
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7679, 2024-08-22	DAE4 Sn868, 2024-09-19

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
Grading Ratio	N/A	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.22	3.34
psSAR10g [W/Kg]	1.13	1.19
Power Drift [dB]	0.01	0.01



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 20.0 °C
Test Date: 2025/07/03
Band: NR Band n77 Ant.F SRS Head
Plot No.: V55
Measurement Report for Device, , , CW, Channel 0 (3900.0 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	,		CW, 0--	3900.0, 0	5.87	3.28	37.3

Hardware Setup

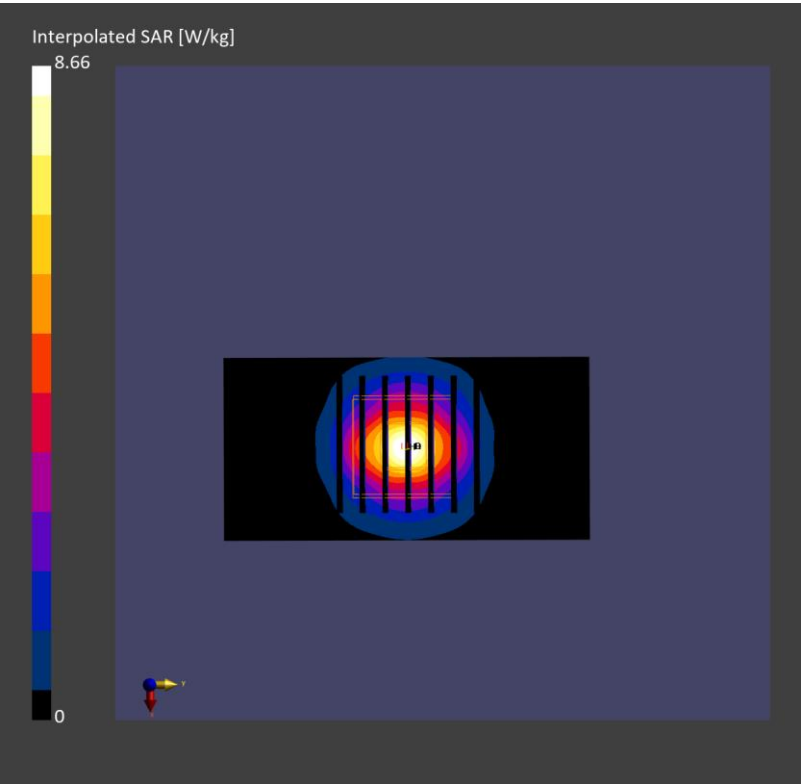
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1254, 2025-05-21

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
Grading Ratio	n/a	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.11	3.17
psSAR10g [W/Kg]	1.10	1.13
Power Drift [dB]	0.00	-0.02



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 20.3 °C
Test Date: 2025/07/04
Band: NR Band n77 Ant.F SRS Body
Plot No.: V56
Measurement Report for Device, , CW, Channel 0 (3900.0 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	,		CW, 0--	3900.0, 0	5.87	3.30	37.3

Hardware Setup

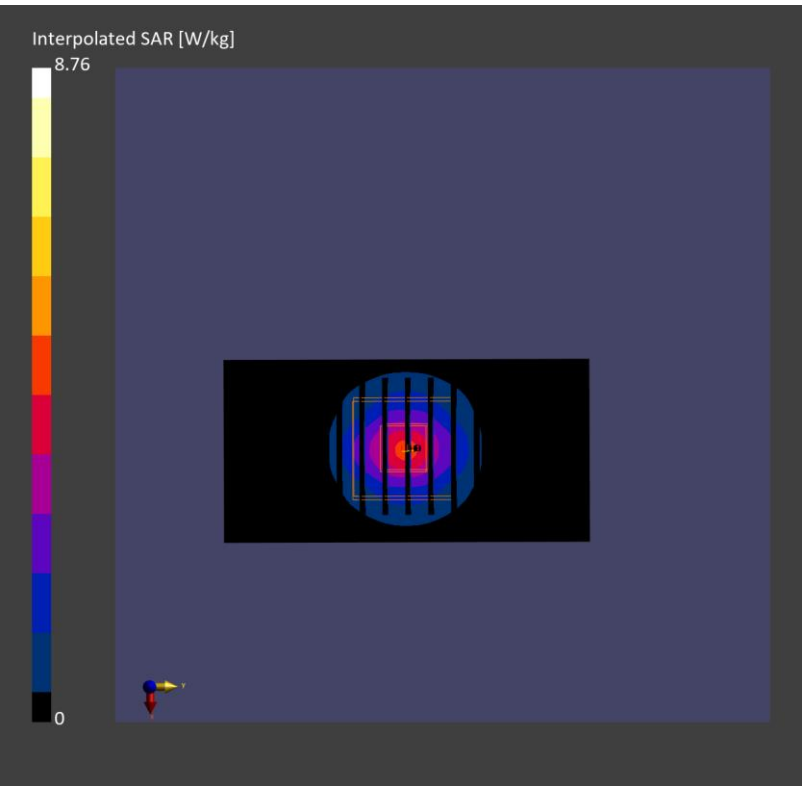
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1254, 2025-05-21

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
Grading Ratio	n/a	1.5

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.12	3.20
psSAR10g [W/Kg]	1.10	1.14
Power Drift [dB]	0.01	0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.3 °C
 Test Date: 2025/06/28
 Band: NFC
 Plot No.: V57

Communication System: UID 0, CW (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(5.39, 5.7, 6.16) @ 13 MHz; Calibrated: 2024-07-17
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

13MHz Head Verification/Area Scan (23x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.0318 W/kg

13MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

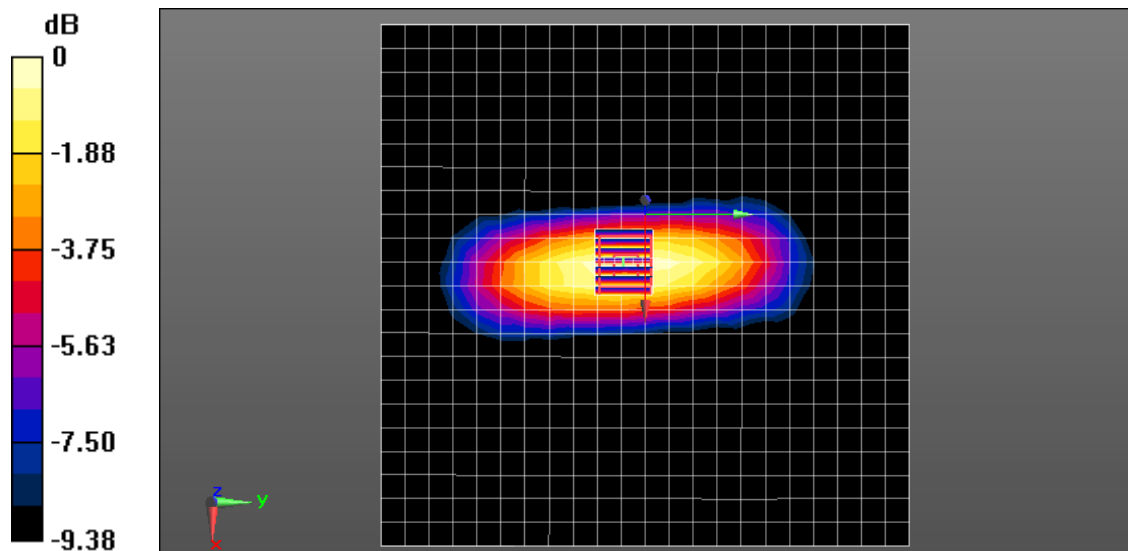
Reference Value = 6.128 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.0570 W/kg

SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.017 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 12 mm)

Maximum value of SAR (measured) = 0.0328 W/kg



0 dB = 0.0328 W/kg = -14.84 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Temperature: 19.3 °C
 Test Date: 2025/06/20
 Band: WLAN 6E PD
 Plot No.: V58

Measurement Report for Device, FRONT, Custom Band, CW, Channel 10000000 (10000.0 MHz)

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	FRONT, 10.00	Custom Band	CW, 0--	10000.0, 10000000	1.0

Hardware Setup

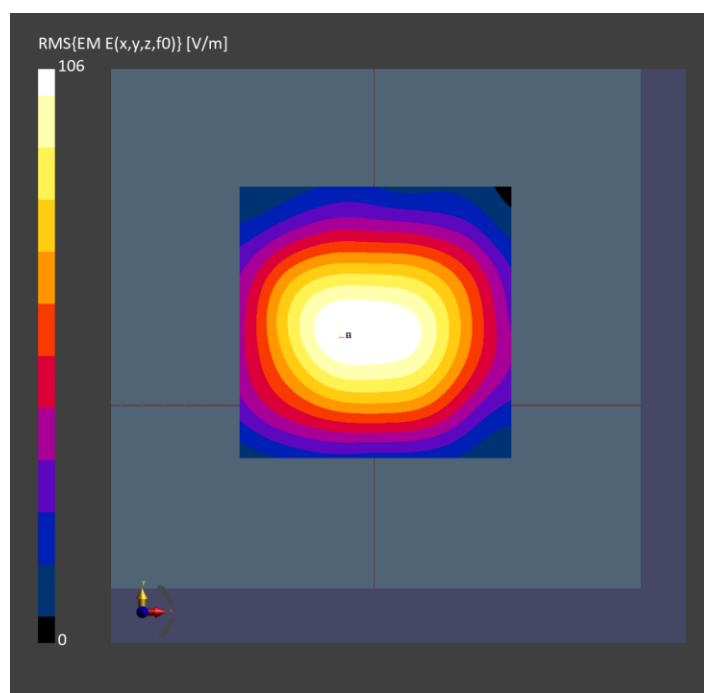
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - xxxx	Air -	EUmmWV4 - SN9464_F1-55GHz, 2025-02-24	DAE4 Sn1254, 2025-05-21

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]	25.9
psPDtot+ [W/m ²]	26.2
E _{max} [V/m]	106
Power Drift [dB]	0.04



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Temperature: 19.5 °C
 Test Date: 2025/06/21
 Band: WLAN 6E PD
 Plot No.: V59

Measurement Report for Device, FRONT, Custom Band, CW, Channel 10000000 (10000.0 MHz)

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	FRONT, 10.00	Custom Band	CW, 0--	10000.0, 10000000	1.0

Hardware Setup

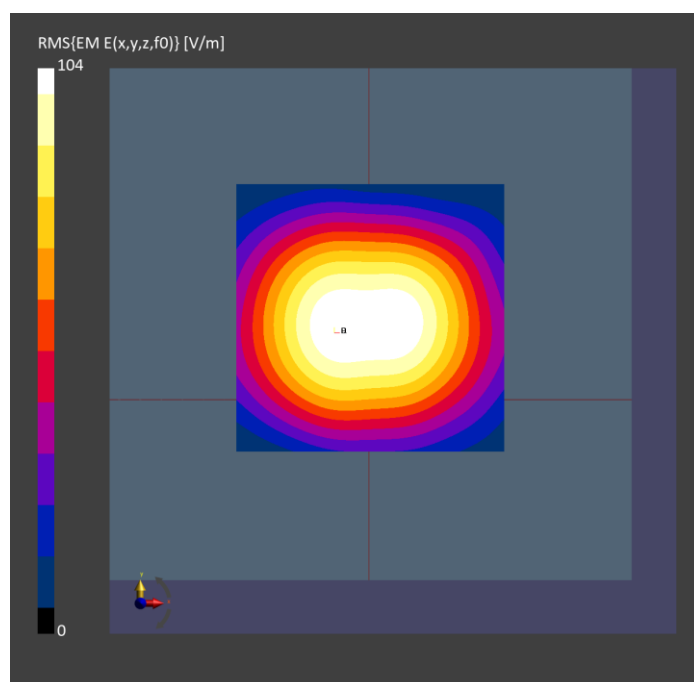
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - xxxx	Air -	EUmmWV4 - SN9464_F1-55GHz, 2025-02-24	DAE4 Sn1254, 2025-05-21

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]	25.9
psPDtot+ [W/m ²]	26.1
E _{max} [V/m]	104
Power Drift [dB]	-0.02



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Temperature: 19.7 °C
Test Date: 2025/06/22
Band: WLAN 6E PD
Plot No.: V60
Measurement Report for Device, FRONT, Custom Band, CW, Channel 10000000 (10000.0 MHz)

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	FRONT, 10.00	Custom Band	CW, 0--	10000.0, 10000000	1.0

Hardware Setup

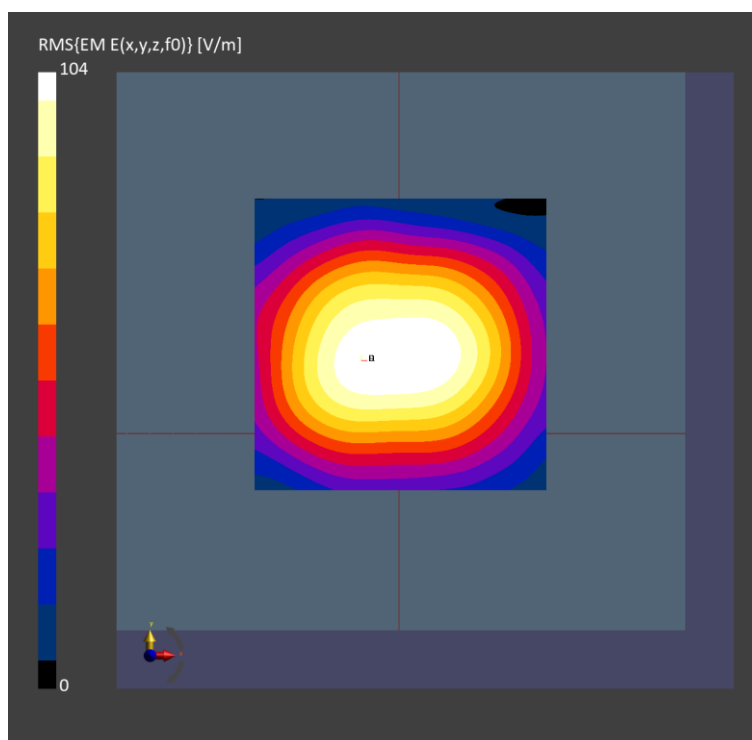
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - xxxx	Air -	EUmmWV4 - SN9464_F1-55GHz, 2025-02-24	DAE4 Sn1254, 2025-05-21

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
MAIA	Y

Measurement Results

Scan Type	5G Scan
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	25.3
psPDtot+ [W/m ²]	25.8
E _{max} [V/m]	104
Power Drift [dB]	0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Temperature: 19.7 °C
 Test Date: 2025/06/23
 Band: WLAN 6E PD
 Plot No.: V61

Measurement Report for Device, FRONT, Custom Band, CW, Channel 10000000 (10000.0 MHz)

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	FRONT, 10.00	Custom Band	CW, 0--	10000.0, 10000000	1.0

Hardware Setup

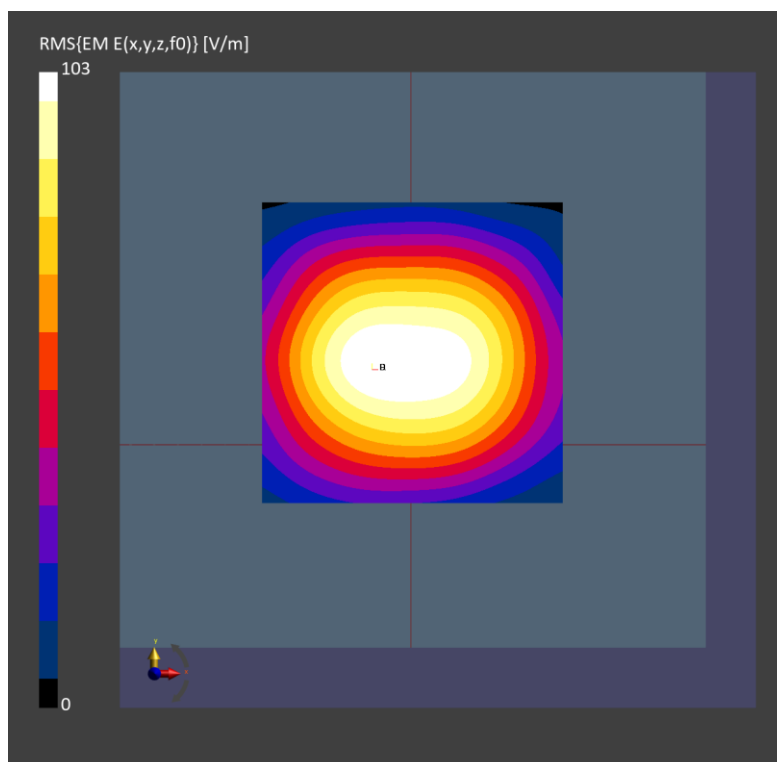
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - xxxx	Air -	EUmmWV4 - SN9464_F1-55GHz, 2025-02-24	DAE4 Sn1254, 2025-05-21

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
MAIA	Y

Measurement Results

Scan Type	5G Scan
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	25.4
psPDtot+ [W/m ²]	25.6
E _{max} [V/m]	103
Power Drift [dB]	0.02



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 bacteriacide 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
1	3768	EX3DV4	Head	1750	2d007	2024-08-21	40.1	1.39	PASS	PASS	PASS	N/A	N/A	N/A
1	3768	EX3DV4	Head	1900	5d061	2024-08-21	39.9	1.40	PASS	PASS	PASS	N/A	N/A	N/A
1	3768	EX3DV4	Head	1900	5d061	2024-08-21	39.9	1.40	PASS	PASS	PASS	GMSK	PASS	N/A
1	3768	EX3DV4	Head	2450	743	2024-08-21	39.3	1.81	PASS	PASS	PASS	OFDM	N/A	PASS
1	3768	EX3DV4	Head	2600	1015	2024-08-21	38.8	1.94	PASS	PASS	PASS	N/A	N/A	N/A
1	3768	EX3DV4	Head	2600	1015	2024-08-21	38.8	1.94	PASS	PASS	PASS	TDD	PASS	N/A
5	3076	ES3DV3	Head	13	1016	2024-11-27	55.2	0.76	PASS	PASS	PASS	N/A	N/A	N/A
5	3076	ES3DV3	Head	2450	743	2025-03-20	39.0	1.80	PASS	PASS	PASS	OFDM	N/A	PASS
5	3076	ES3DV3	Head	2600	1015	2024-07-27	38.9	1.95	PASS	PASS	PASS	N/A	N/A	N/A
5	3076	ES3DV3	Head	2600	1015	2024-07-27	38.9	1.95	PASS	PASS	PASS	TDD	PASS	N/A
6	7370	EX3DV4	Head	1750	2d007	2024-08-23	40.3	1.38	PASS	PASS	PASS	N/A	N/A	N/A
6	7370	EX3DV4	Head	1900	5d061	2025-01-25	39.9	1.42	PASS	PASS	PASS	N/A	N/A	N/A
6	7370	EX3DV4	Head	2450	743	2025-03-17	39.3	1.79	PASS	PASS	PASS	OFDM	N/A	PASS
6	7370	EX3DV4	Head	5250	1107	2024-12-07	36.1	4.69	PASS	PASS	PASS	OFDM	N/A	PASS
6	7370	EX3DV4	Head	5600	1107	2024-12-08	35.7	5.10	PASS	PASS	PASS	OFDM	N/A	PASS
6	7370	EX3DV4	Head	5750	1107	2024-12-09	35.4	5.26	PASS	PASS	PASS	OFDM	N/A	PASS
6	7370	EX3DV4	Head	5800	1107	2024-12-10	35.4	5.28	PASS	PASS	PASS	OFDM	N/A	PASS
6	7370	EX3DV4	Head	6500	1012	2024-12-11	34.7	5.97	PASS	PASS	PASS	OFDM	N/A	PASS
10	7679	EX3DV4	Head	750	1014	2024-09-05	41.8	0.91	PASS	PASS	PASS	N/A	N/A	N/A
10	7679	EX3DV4	Head	835	441	2024-09-05	41.6	0.92	PASS	PASS	PASS	N/A	N/A	N/A
10	7679	EX3DV4	Head	835	441	2024-09-05	41.6	0.92	PASS	PASS	PASS	GMSK	PASS	N/A
10	7679	EX3DV4	Head	1750	2d007	2024-09-05	40.3	1.38	PASS	PASS	PASS	N/A	N/A	N/A
10	7679	EX3DV4	Head	1900	5d061	2025-02-10	40.1	1.42	PASS	PASS	PASS	N/A	N/A	N/A
10	7679	EX3DV4	Head	1900	5d061	2025-02-10	40.1	1.42	PASS	PASS	PASS	GMSK	PASS	N/A
10	7679	EX3DV4	Head	3500	1040	2025-01-24	37.6	2.93	PASS	PASS	PASS	N/A	N/A	N/A
10	7679	EX3DV4	Head	3500	1040	2025-01-24	37.6	2.93	PASS	PASS	PASS	TDD	PASS	N/A
10	7679	EX3DV4	Head	3700	1105	2024-09-29	37.6	3.14	PASS	PASS	PASS	N/A	N/A	N/A
10	7679	EX3DV4	Head	3700	1105	2024-09-29	37.6	3.14	PASS	PASS	PASS	TDD	PASS	N/A
10	7679	EX3DV4	Head	3900	1019	2024-09-05	37.3	3.31	PASS	PASS	PASS	N/A	N/A	N/A
10	7679	EX3DV4	Head	3900	1019	2024-09-05	37.3	3.31	PASS	PASS	PASS	TDD	PASS	N/A

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 was 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.