

Appendix B. – SAR Test Plots

EUT Type: Mobile Phone
 Ambient Temperature: 21.7 °C
 Liquid Temperature: 21.6 °C
 Test Date: 06/10/2025
 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	9.82	0.921	41.9

Hardware Setup

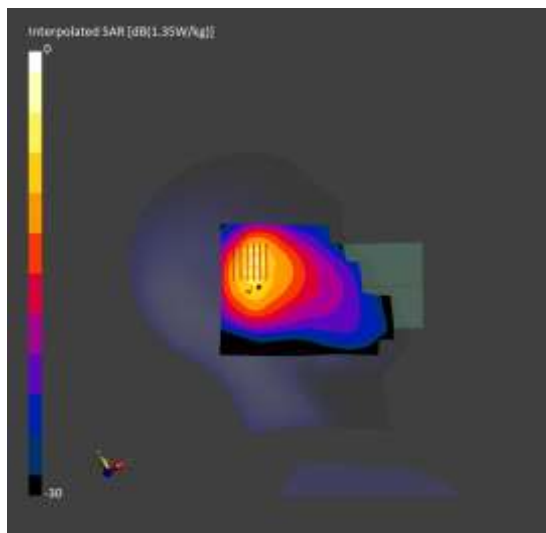
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.349	0.356
psSAR10g [W/Kg]	0.197	0.155
Power Drift [dB]	-0.19	-0.11



EUT Type: Mobile Phone
Ambient Temperature: 21.7 °C
Liquid Temperature: 21.6 °C
Test Date: 07/08/2025
Band: GSM 1900 Head SAR_Ant.A
Plot No.: A2
Measurement Report for Device, CHEEK, PCS 1900, GPRS-FDD (TDMA, GMSK, TN 0-1-2), 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, 10027-DAC	1880.000, 661	7.53	1.37	39.3

Hardware Setup

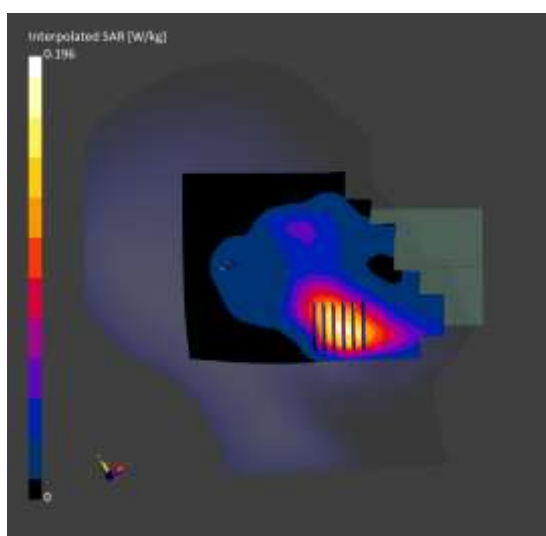
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.140	0.149
psSAR10g [W/Kg]	0.082	0.097
Power Drift [dB]	-0.10	-0.09



EUT Type: Mobile Phone
Ambient Temperature: 22.0 °C
Liquid Temperature: 21.9 °C
Test Date: 06/12/2025
Band: UMTS Band 5 Head SAR_Ant.E
Plot No.: A3
Measurement Report for Device, TILT, 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	TILT, 0.00	Band 5	WCDMA, 10011-CAC	836.600, 4183	9.82	0.935	42.2

Hardware Setup

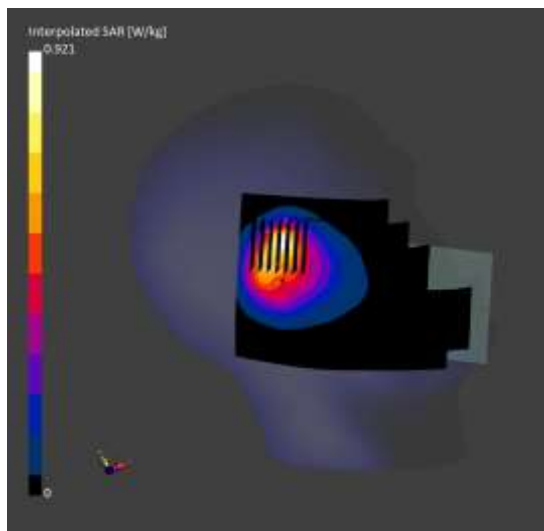
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.268	0.316
psSAR10g [W/Kg]	0.161	0.150
Power Drift [dB]	0.06	0.03



EUT Type: Mobile Phone
Ambient Temperature: 21.5 °C
Liquid Temperature: 21.4 °C
Test Date: 06/11/2025
Band: UMTS Band 4 Head SAR_Ant.A
Plot No.: A4
Measurement Report for Device, CHEEK, Band 4, UMTS-FDD (WCDMA), Channel 1412 (1732.400 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 4	WCDMA, 10011-CAC	1732.400, 1412	7.96	1.36	40.7

Hardware Setup

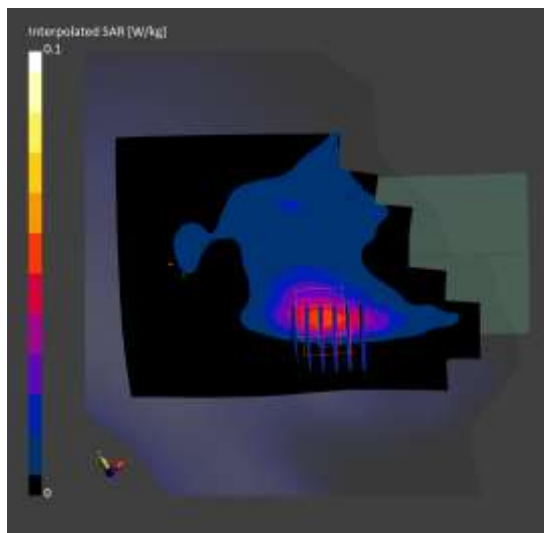
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.042	0.050
psSAR10g [W/Kg]	0.022	0.033
Power Drift [dB]	0.01	0.19



EUT Type: Mobile Phone
 Ambient Temperature: 22.0 °C
 Liquid Temperature: 21.9 °C
 Test Date: 06/10/2025
 Band: UMTS Band 2 Head SAR_Ant.A
 Plot No.: A5
 Measurement Report for Device, CHEEK, Band 2, UMTS-FDD (WCDMA), Channel 9400 (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	Band 2	WCDMA, 10011-CAC	1880.000, 9400	7.53	1.36	39.5

Hardware Setup

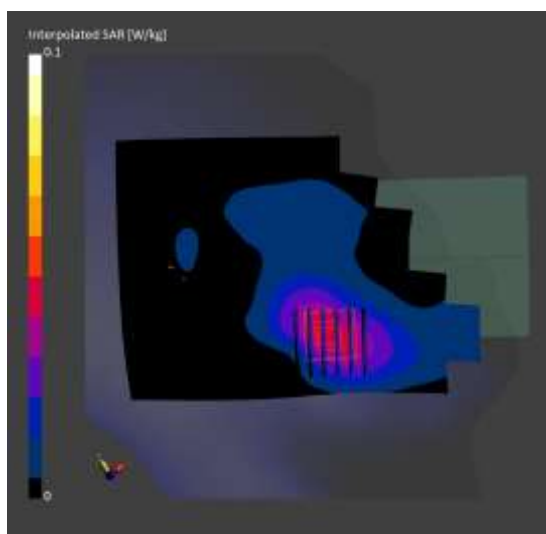
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.039	0.044
psSAR10g [W/Kg]	0.023	0.029
Power Drift [dB]	-0.19	0.02



EUT Type: Mobile Phone
 Ambient Temperature: 21.8 °C
 Liquid Temperature: 21.7 °C
 Test Date: 06/21/2025
 Band: LTE FDD Band 7 Head SAR_Ant.F
 Plot No.: A6
 Measurement Report for Device, TILT, Band 7, LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)
 RBPosition:Mid AntennaCfg:SISO, Channel 21350 (2560.000 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 7	LTE-FDD, 10297-AAE	2560.000, 21350	7.4	1.90	38.4

Hardware Setup

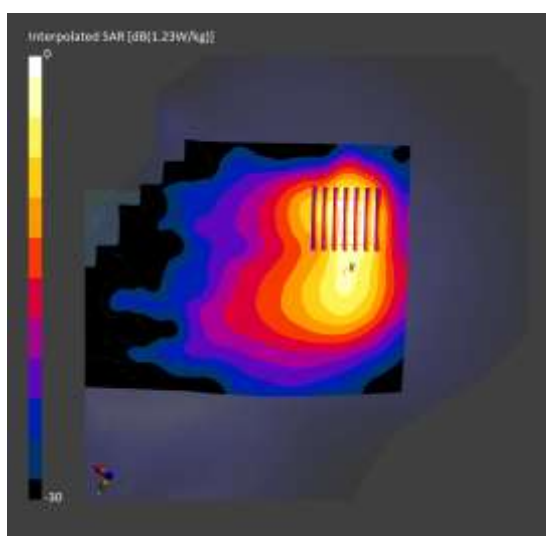
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 150.0	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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.525	0.561
psSAR10g [W/Kg]	0.220	0.225
Power Drift [dB]	0.04	0.00



EUT Type: Mobile Phone
Ambient Temperature: 21.5 °C
Liquid Temperature: 21.4 °C
Test Date: 06/03/2025
Band: LTE FDD Band 12 Head SAR_Ant.E
Plot No.: A7
Measurement Report for Device, CHEEK, Band 12, LTE-FDD (SC-FDMA, 1 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
RightHead, Head Simulating Liquid	CHEEK, 0.00	Band 12	LTE-FDD, 10175-CAH	707.500, 23095	10.22	0.858	43.3

Hardware Setup

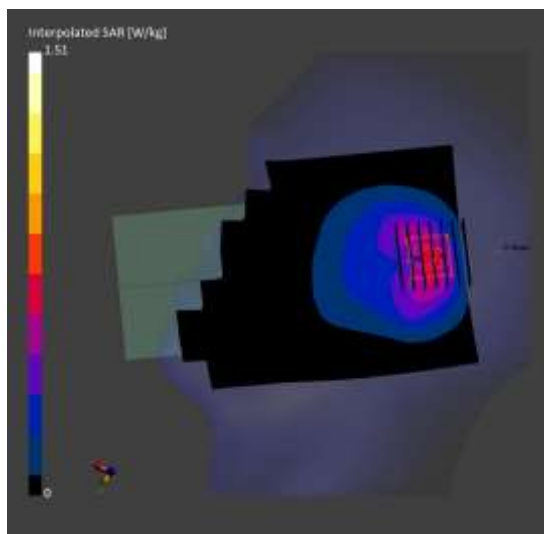
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.622	0.724
psSAR10g [W/Kg]	0.394	0.385
Power Drift [dB]	-0.02	-0.14



EUT Type: Mobile Phone
Ambient Temperature: 21.8 °C
Liquid Temperature: 21.7 °C
Test Date: 06/05/2025
Band: LTE FDD Band 13 Head SAR_Ant.E
Plot No.: A8
Measurement Report for Device, TILT, 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	TILT, 0.00	Band 13	LTE-FDD, 10154-CAH	782.000, 23230	10.22	0.885	42.3

Hardware Setup

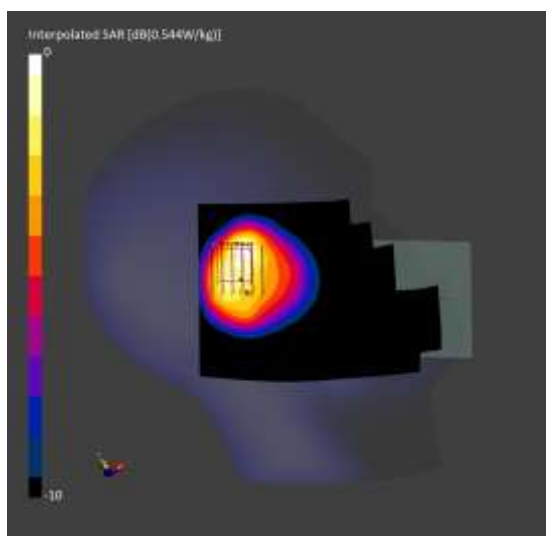
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.435	0.487
psSAR10g [W/Kg]	0.268	0.246
Power Drift [dB]	0.03	0.00



EUT Type: Mobile Phone
 Ambient Temperature: 21.8 °C
 Liquid Temperature: 21.7 °C
 Test Date: 06/13/2025
 Band: LTE FDD Band 14 Head SAR_Ant.E
 Plot No.: A9
 Measurement Report for Device, TILT, Band 14, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)
 RBPosition:Low AntennaCfg:SISO, Channel 23330 (793.000 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	TILT, 0.00	Band 14	LTE-FDD, 10175-CAH	793.000, 23330	10.22	0.894	42.5

Hardware Setup

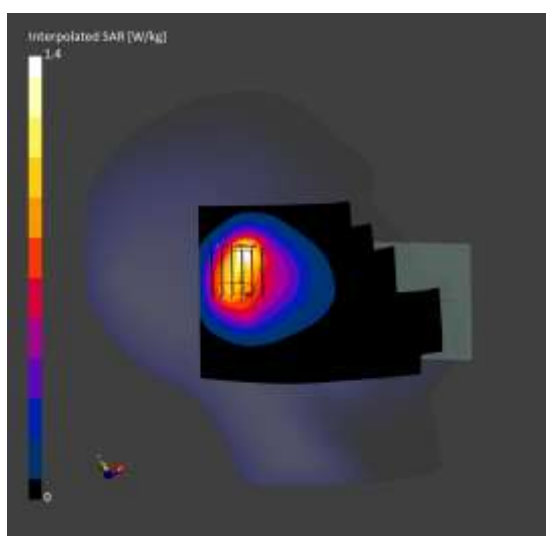
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.502	0.575
psSAR10g [W/Kg]	0.308	0.289
Power Drift [dB]	-0.07	-0.15



EUT Type: Mobile Phone
 Ambient Temperature: 21.8 °C
 Liquid Temperature: 21.7 °C
 Test Date: 06/02/2025
 Band: LTE FDD Band 25 Head SAR_Ant.F
 Plot No.: A10
 Measurement Report for Device, TILT, 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
RightHead, Head Simulating Liquid	TILT, 0.00	Band 25	LTE-FDD, 10169-CAF	1882.500, 26365	7.53	1.37	39.2

Hardware Setup

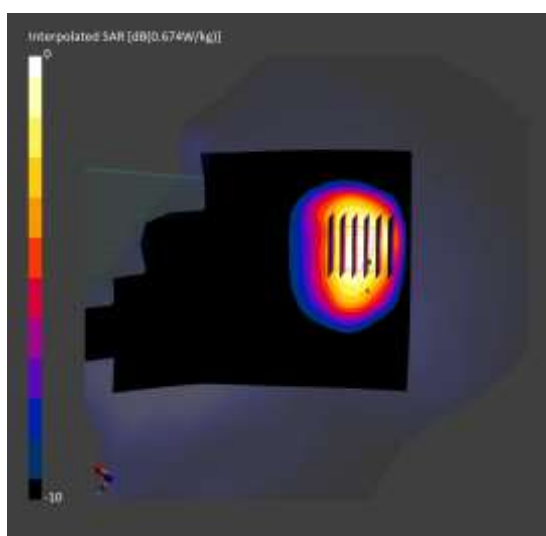
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.545	0.745
psSAR10g [W/Kg]	0.316	0.379
Power Drift [dB]	0.09	0.02



EUT Type: Mobile Phone
 Ambient Temperature: 21.7 °C
 Liquid Temperature: 21.6 °C
 Test Date: 05/29/2025
 Band: LTE FDD Band 26 Head SAR_Ant.E
 Plot No.: A11
 Measurement Report for Device, TILT, Band 26, LTE-FDD (SC-FDMA, 1 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, 10181-CAF	831.500, 26865	9.82	0.914	42.4

Hardware Setup

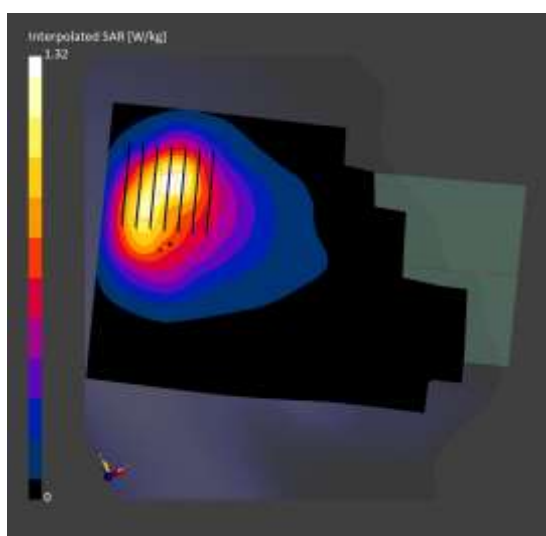
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.394	0.491
psSAR10g [W/Kg]	0.248	0.241
Power Drift [dB]	-0.05	0.08



EUT Type: Mobile Phone
 Ambient Temperature: 21.9 °C
 Liquid Temperature: 21.8 °C
 Test Date: 06/06/2025
 Band: LTE FDD Band 30 Head SAR_Ant.F
 Plot No.: A12

Communication System: UID 10154 - CAG, LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK); Frequency: 2310 MHz; Duty Cycle: 1:3.76184
 Medium parameters used (interpolated): $f = 2310$ MHz; $\sigma = 1.727$ S/m; $\epsilon_r = 39.611$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ; Calibrated: 2024-07-17
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: SAM with CRP v5.0_Right
- Measurement SW: DASY52, Version 52.10 (4);

LTE Band 30 Head Right Touch QPSK 10MHz 25RB 0offset 27710ch/Area Scan (11x19x1):

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

Maximum value of SAR (measured) = 0.800 W/kg

LTE Band 30 Head Right Touch QPSK 10MHz 25RB 0offset 27710ch/Zoom Scan (7x7x7)/Cube 0:

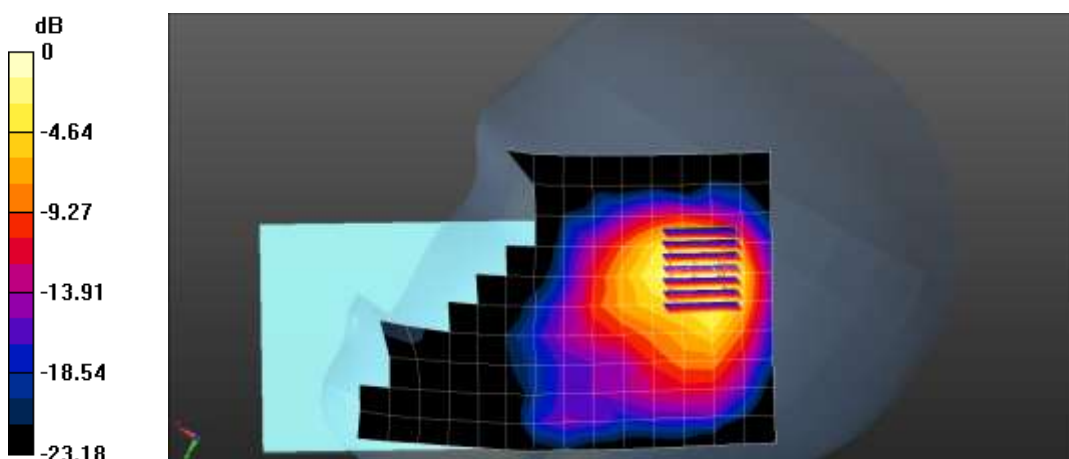
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.44 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.590 W/kg; SAR(10 g) = 0.276 W/kg

Maximum value of SAR (measured) = 0.757 W/kg



0 dB = 0.757 W/kg = -1.21 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 22.5 °C
 Liquid Temperature: 22.4 °C
 Test Date: 06/16/2025
 Band: LTE TDD Band 41 Head SAR_Ant.F
 Plot No.: A13

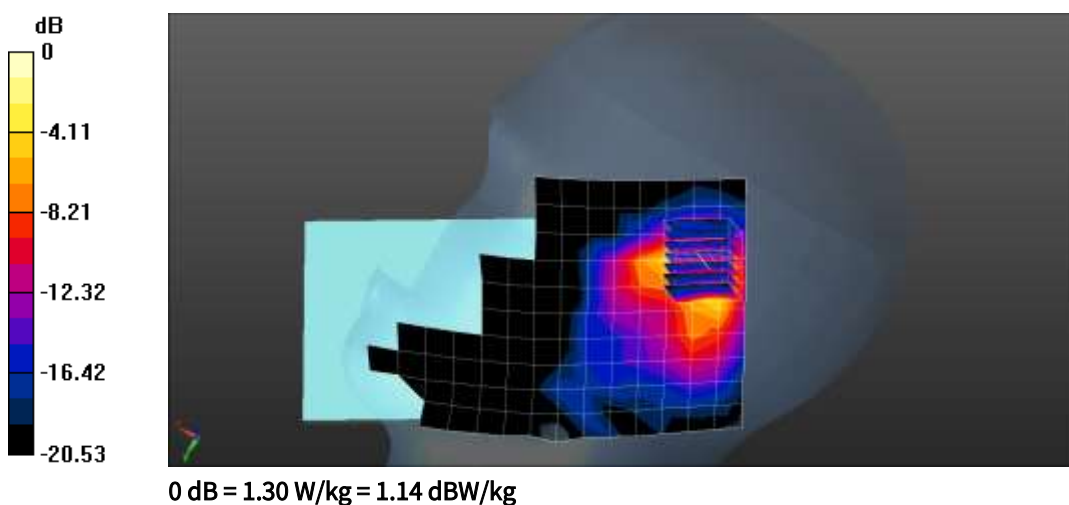
Communication System: UID 10435 - AAF, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9); Frequency: 2680 MHz; Duty Cycle: 1:6.05899
 Medium parameters used (interpolated): $f = 2680$ MHz; $\sigma = 2.029$ S/m; $\epsilon_r = 38.102$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ; Calibrated: 2024-07-17
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: SAM with CRP v5.0_Right
- Measurement SW: DASY52, Version 52.10 (4);

LTE Band 41 Head Right Touch QPSK 20MHz 1RB 0offset 41490ch/Area Scan (11x18x1): Measurement
 grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.863 W/kg

LTE Band 41 Head Right Touch QPSK 20MHz 1RB 0offset 41490ch/Zoom Scan (7x7x7)/Cube 0:
 Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 9.691 V/m; Power Drift = -0.04 dB
 Peak SAR (extrapolated) = 2.49 W/kg
SAR(1 g) = 0.919 W/kg; SAR(10 g) = 0.359 W/kg
 Maximum value of SAR (measured) = 1.30 W/kg



EUT Type: Mobile Phone
 Ambient Temperature: 22.1 °C
 Liquid Temperature: 22.0 °C
 Test Date: 06/14/2025
 Band: LTE TDD Band 48 Head SAR_Ant.F
 Plot No.: A14

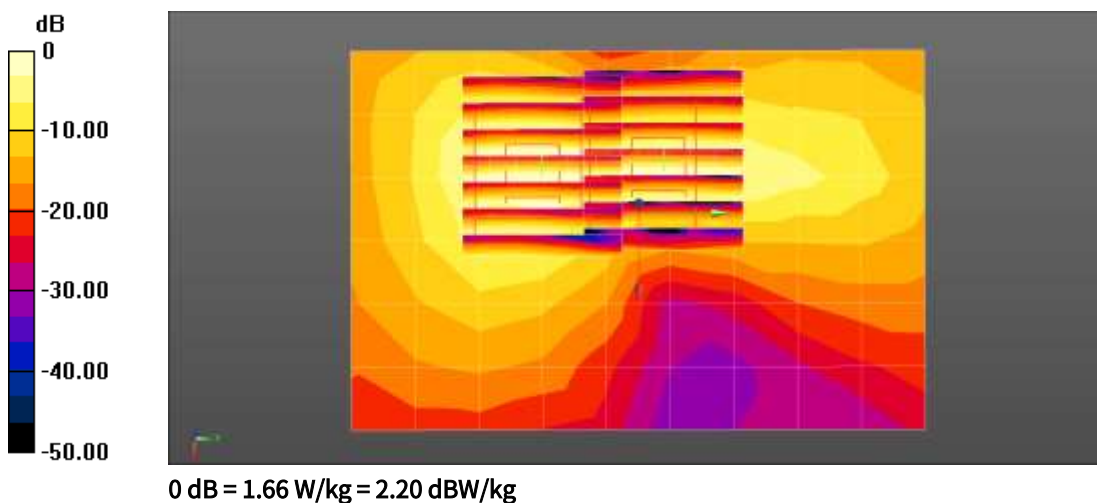
Communication System: UID 10512 - AAG, LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9); Frequency: 3690 MHz; Duty Cycle: 1:5.93608
 Medium parameters used (interpolated): $f = 3690$ MHz; $\sigma = 3.067$ S/m; $\epsilon_r = 38.584$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(6.43, 6.68, 6.49) @ 3690 MHz; Calibrated: 2024-07-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 48 Head Right Tilt QPSK 20MHz 100RB 0offset 56640ch/Area Scan (101x161x1): Interpolated
 grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 1.58 W/kg

LTE Band 48 Head Right Tilt QPSK 20MHz 100RB 0offset 56640ch/Zoom Scan (7x7x8)/Cube 0:
 Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 8.205 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 2.52 W/kg
SAR(1 g) = 0.806 W/kg; SAR(10 g) = 0.262 W/kg
 Maximum value of SAR (measured) = 1.66 W/kg



EUT Type: Mobile Phone
 Ambient Temperature: 21.3 °C
 Liquid Temperature: 21.2 °C
 Test Date: 06/13/2025
 Band: LTE FDD Band 66 Head SAR_Ant.F
 Plot No.: A15
 Measurement Report for Device, TILT, 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
RightHead, Head Simulating Liquid	TILT, 0.00	Band 66	LTE-FDD, 10297-AAE	1720.000, 132072	7.96	1.35	41.8

Hardware Setup

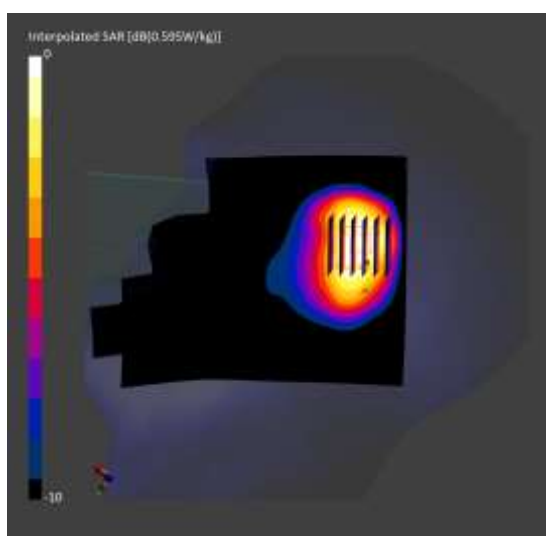
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.483	0.666
psSAR10g [W/Kg]	0.284	0.339
Power Drift [dB]	-0.01	0.02



EUT Type: Mobile Phone
 Ambient Temperature: 22.7 °C
 Liquid Temperature: 22.6 °C
 Test Date: 05/21/2025
 Band: LTE FDD Band 71 Head SAR_Ant.E
 Plot No.: A16
 Measurement Report for Device, CHEEK, Band 71, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)
 RBPosition:Low AntennaCfg:SISO, Channel 133297 (680.500 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead, Head Simulating Liquid	CHEEK, 0.00	Band 71	LTE-FDD, 10169-CAF	680.500, 133297	10.22	0.851	43.1

Hardware Setup

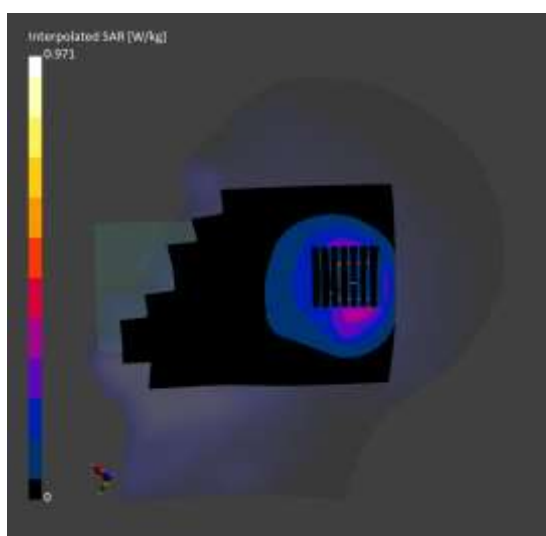
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.383	0.454
psSAR10g [W/Kg]	0.248	0.242
Power Drift [dB]	-0.17	-0.04



EUT Type: Mobile Phone
Ambient Temperature: 21.3 °C
Liquid Temperature: 21.1 °C
Test Date: 06/16/2025
Band: NR FDD Band n7 Head SAR_Ant.F
Plot No.: A17
Measurement Report for Device, TILT, Band n7, 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)
AntennaCfg: SISO, Channel 507000 (2535.000 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 n7	5G NR FR1 FDD, 10950-AAC	2535.000, 507000	7.4	1.93	39.5

Hardware Setup

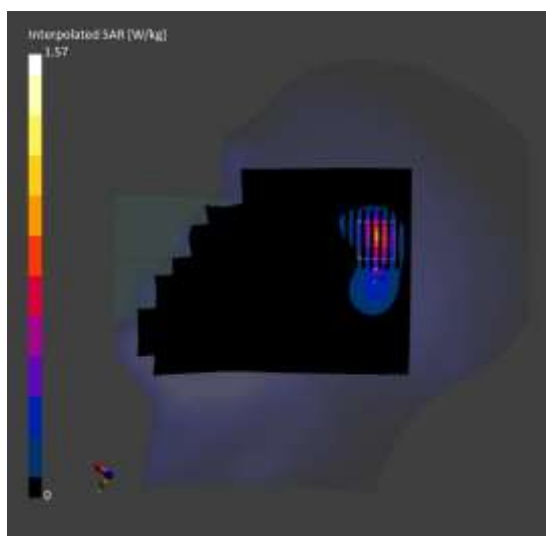
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.688	0.713
psSAR10g [W/Kg]	0.284	0.289
Power Drift [dB]	0.12	0.03



EUT Type: Mobile Phone
 Ambient Temperature: 22.1 °C
 Liquid Temperature: 22.0 °C
 Test Date: 06/13/2025
 Band: NR FDD Band n12 Head SAR_Ant.E
 Plot No.: A18

Communication System: UID 10930 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz);
 Frequency: 707.5 MHz; Duty Cycle: 1:3.56205
 Medium parameters used (interpolated): $f = 707.5 \text{ MHz}$; $\sigma = 0.917 \text{ S/m}$; $\epsilon_r = 41.784$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(9.16, 9.45, 9.24) @ 707.5 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- Phantom: SAM_Right_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band 12 Head Left Touch CP QPSK 15MHz 1RB 1offset 141500ch/Area Scan (81x131x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.928 W/kg

NR Band 12 Head Left Touch CP QPSK 15MHz 1RB 1offset 141500ch/Zoom Scan (5x5x7)/Cube 0:

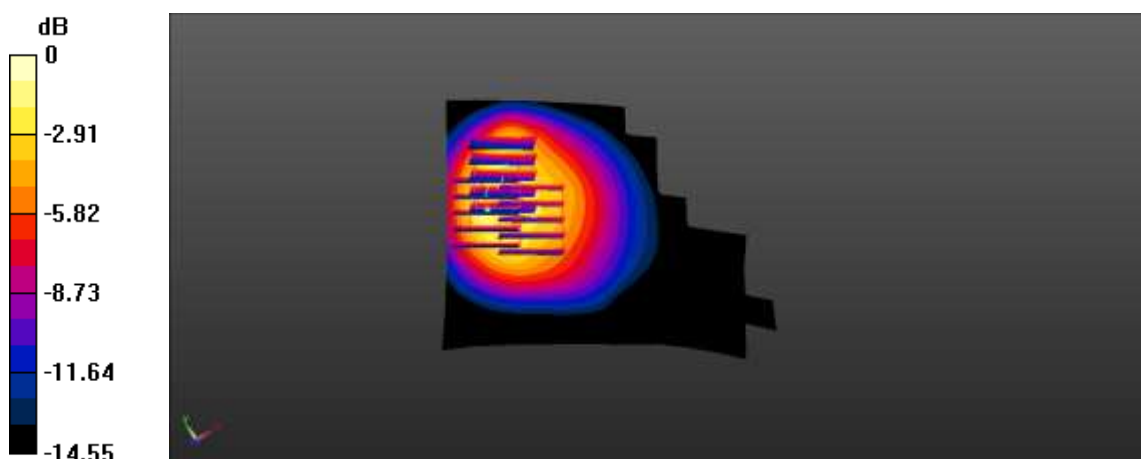
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 35.93 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 0.738 W/kg; SAR(10 g) = 0.416 W/kg

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



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

EUT Type: Mobile Phone
 Ambient Temperature: 21.7 °C
 Liquid Temperature: 21.6 °C
 Test Date: 06/05/2025
 Band: NR FDD Band n14 Head SAR_Ant.E
 Plot No.: A19

Communication System: UID 10929 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz);
 Frequency: 793 MHz; Duty Cycle: 1:3.56205
 Medium parameters used (interpolated): $f = 793 \text{ MHz}$; $\sigma = 0.888 \text{ S/m}$; $\epsilon_r = 40.541$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section

DASY5 Configuration:

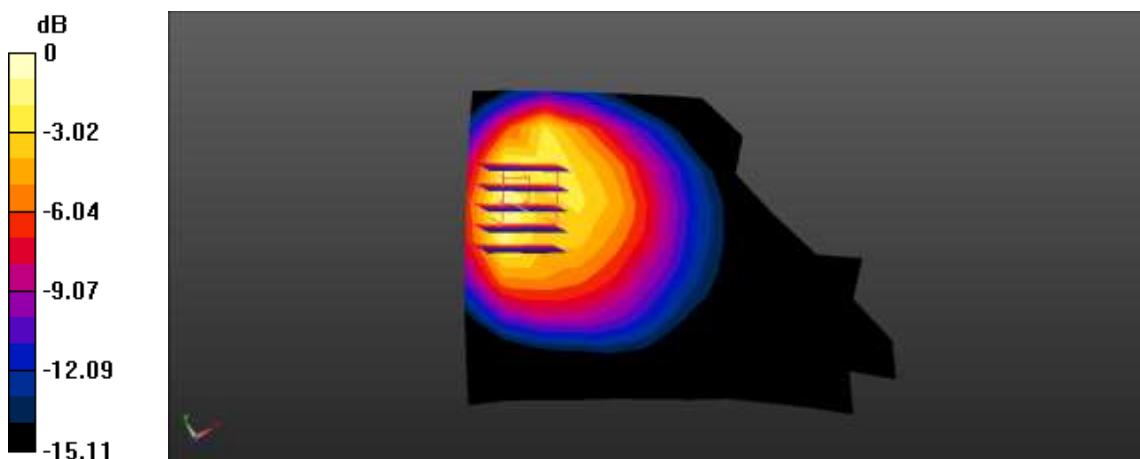
- Probe: EX3DV4 - SN3768; ConvF(9.16, 9.45, 9.24) @ 793 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- Phantom: SAM_Right_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band 14 Head Left Touch DFT-s QPSK 10MHz 1RB 1offset 158600ch/Area Scan (9x14x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.794 W/kg

NR Band 14 Head Left Touch DFT-s QPSK 10MHz 1RB 1offset 158600ch/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 23.01 V/m; Power Drift = -0.10 dB
 Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.546 W/kg; SAR(10 g) = 0.305 W/kg
 Maximum value of SAR (measured) = 0.922 W/kg



0 dB = 0.922 W/kg = -0.35 dBW/kg

EUT Type: Mobile Phone
Ambient Temperature: 21.6 °C
Liquid Temperature: 21.5 °C
Test Date: 06/03/2025
Band: NR FDD Band n25 Head SAR_Ant.F
Plot No.: A20
Measurement Report for Device, CHEEK, Band n25, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)
RBPosition:Mid AntennaCfg:SISO, Channel 376500 (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
RightHead, Head Simulating Liquid	CHEEK, 0.00	Band n25	5G NR FR1 FDD, 10934-AAC	1882.500, 376500	7.53	1.36	40.1

Hardware Setup

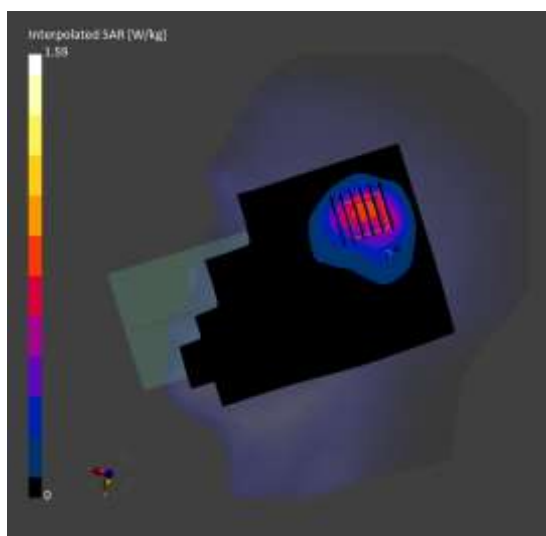
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.699	0.748
psSAR10g [W/Kg]	0.389	0.412
Power Drift [dB]	-0.14	-0.07



EUT Type: Mobile Phone
 Ambient Temperature: 22.0 °C
 Liquid Temperature: 21.9 °C
 Test Date: 06/09/2025
 Band: NR FDD Band n26 Head SAR_Ant.E
 Plot No.: A21

Communication System: UID 10931 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz);
 Frequency: 831.5 MHz; Duty Cycle: 1:3.55795
 Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.933$ S/m; $\epsilon_r = 43.005$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(8.83, 9.11, 8.9) @ 831.5 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- Phantom: SAM_Right_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band 26 Head Left Touch DFT-s QPSK 20MHz 1RB 1offset 166300ch/Area Scan (9x14x1):

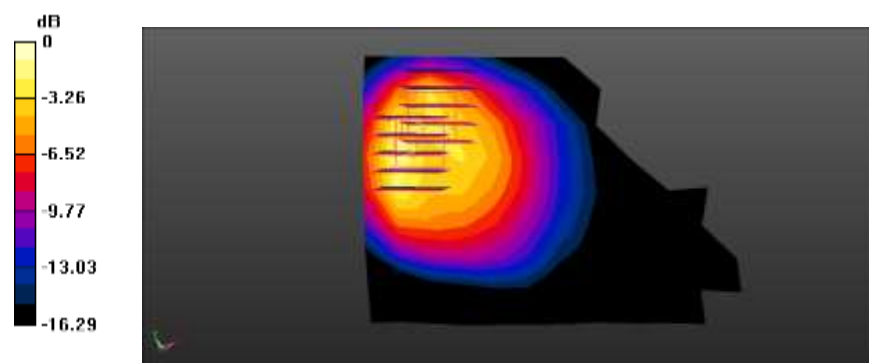
Measurement grid: $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (measured) = 0.661 W/kg

NR Band 26 Head Left Touch DFT-s QPSK 20MHz 1RB 1offset 166300ch/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
 Reference Value = 20.95 V/m; Power Drift = -0.08 dB
 Peak SAR (extrapolated) = 0.933 W/kg
 SAR(1 g) = 0.459 W/kg; SAR(10 g) = 0.257 W/kg
 Maximum value of SAR (measured) = 0.770 W/kg

NR Band 26 Head Left Touch DFT-s QPSK 20MHz 1RB 1offset 166300ch/Zoom Scan (5x5x7)/Cube 1:

Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
 Reference Value = 20.95 V/m; Power Drift = -0.08 dB
 Peak SAR (extrapolated) = 1.10 W/kg
 SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.252 W/kg
 Maximum value of SAR (measured) = 0.863 W/kg



0 dB = 0.863 W/kg = -0.64 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 21.3 °C
 Liquid Temperature: 21.1 °C
 Test Date: 06/17/2025
 Band: NR FDD Band n30 Head SAR_Ant.F
 Plot No.: A22
 Measurement Report for Device, TILT, Band n30, 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)
 RBPosition:Mid AntennaCfg:SISO, Channel 462000 (2310.000 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 n30	5G NR FR1 FDD, 10929-AAD	2310.000, 462000	7.64	1.65	40.1

Hardware Setup

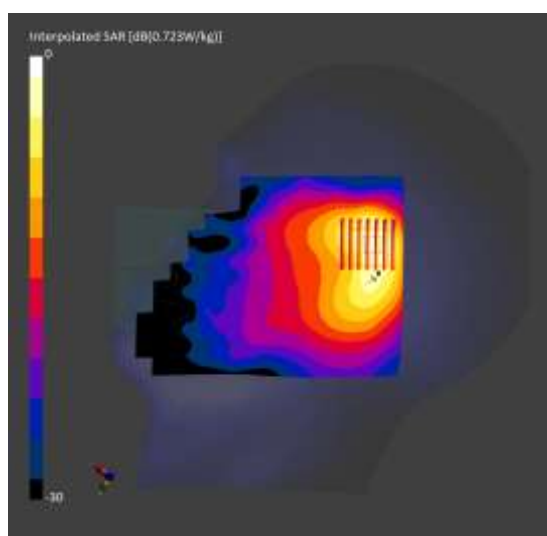
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.528	0.543
psSAR10g [W/Kg]	0.235	0.234
Power Drift [dB]	-0.10	-0.04



EUT Type: Mobile Phone
Ambient Temperature: 21.6 °C
Liquid Temperature: 21.5 °C
Test Date: 07/09/2025
Band: NR TDD Band n41 Head SAR_Ant.E
Plot No.: A23
Measurement Report for Device, CHEEK, Band n41, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)
RBPosition:Mid AntennaCfg:SISO, Channel 518598 (2592.990 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 n41	5G NR FR1 TDD, 10866-AAF	2592.990, 518598	7.4	1.94	38.7

Hardware Setup

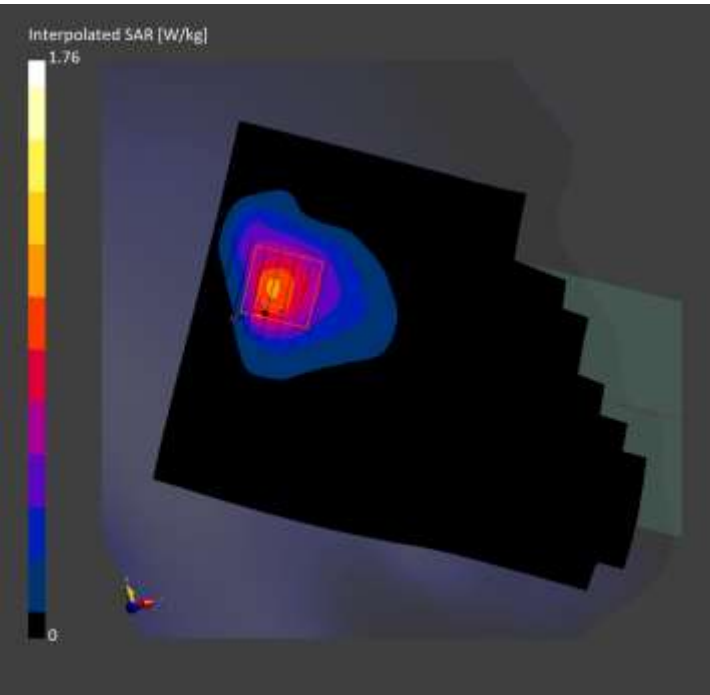
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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]	0.806	0.850
psSAR10g [W/Kg]	0.394	0.407
Power Drift [dB]	-0.10	-0.11



EUT Type: Mobile Phone
 Ambient Temperature: 22.6 °C
 Liquid Temperature: 22.5 °C
 Test Date: 06/26/2025
 Band: NR TDD Band n48 Head SAR_Ant.F
 Plot No.: A24

Communication System: UID 10903 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz);
 Frequency: 3680.01 MHz; Duty Cycle: 1:3.69999
 Medium parameters used (interpolated): $f = 3680.01$ MHz; $\sigma = 2.997$ S/m; $\epsilon_r = 37.98$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY5 Configuration:

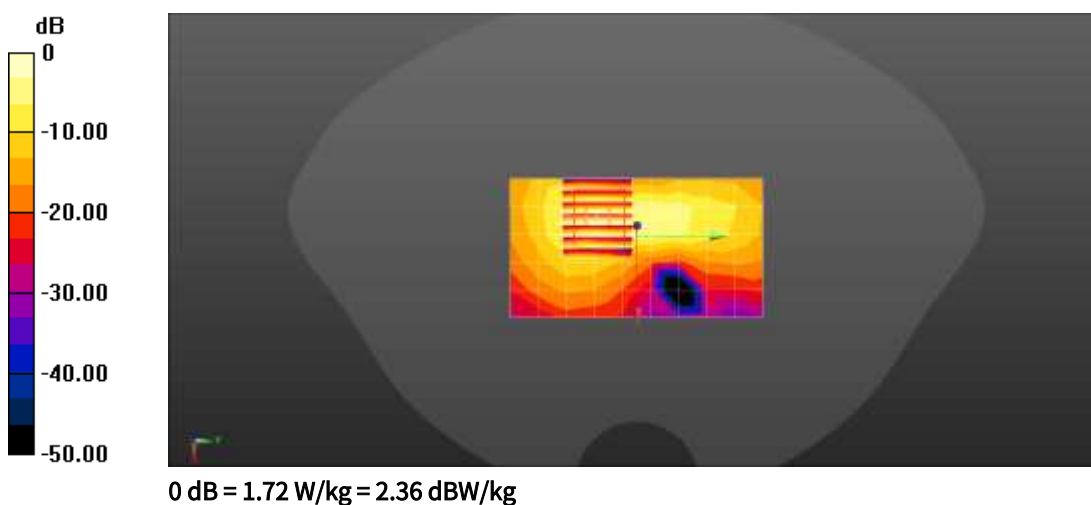
- Probe: EX3DV4 - SN3903; ConvF(6.43, 6.68, 6.49) @ 3680.01 MHz; Calibrated: 2024-07-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band 48 Head Right Tilt DFT-s QPSK 40MHz 1RB 104offset 6453334ch/Area Scan (10x17x1):

Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 1.19 W/kg

NR Band 48 Head Right Tilt DFT-s QPSK 40MHz 1RB 104offset 6453334ch/Zoom Scan (7x7x8)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 7.759 V/m; Power Drift = -0.11 dB
 Peak SAR (extrapolated) = 2.44 W/kg
SAR(1 g) = 0.782 W/kg; SAR(10 g) = 0.257 W/kg
 Maximum value of SAR (measured) = 1.72 W/kg



EUT Type: Mobile Phone
 Ambient Temperature: 21.3 °C
 Liquid Temperature: 21.2 °C
 Test Date: 06/06/2025
 Band: NR FDD Band n66 Head SAR_Ant.F
 Plot No.: A25
 Measurement Report for Device, TILT, Band n66, 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)
 AntennaCfg:SISO, Channel 349000 (1745.000 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 n66	5G NR FR1 FDD, 10942-AAC	1745.000, 349000	7.96	1.33	41.2

Hardware Setup

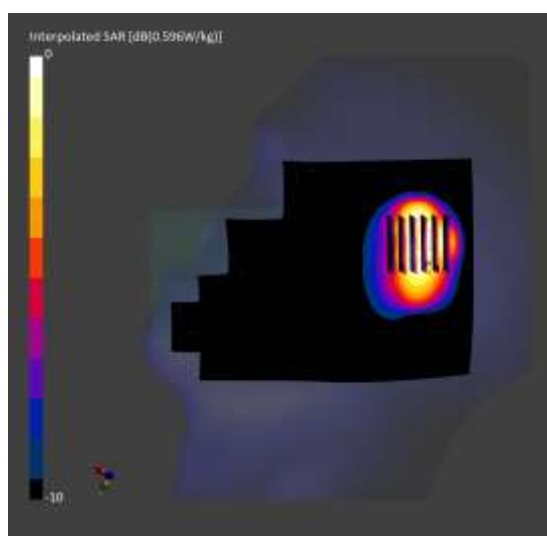
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.499	0.716
psSAR10g [W/Kg]	0.281	0.332
Power Drift [dB]	0.12	-0.19



EUT Type: Mobile Phone
Ambient Temperature: 22.5 °C
Liquid Temperature: 22.4 °C
Test Date: 06/17/2025
Band: NR FDD Band n70 Head SAR_Ant.E
Plot No.: A26

Communication System: UID 10930 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz);
 Frequency: 1702.5 MHz; Duty Cycle: 1:3.56205
 Medium parameters used (interpolated): $f = 1702.5$ MHz; $\sigma = 1.35$ S/m; $\epsilon_r = 40.528$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(7.25, 8.18, 7.93) @ 1702.5 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)

NR Band 70 Head Right Tilt DFT-s QPSK 15MHz 1RB 77offset 340500ch/Area Scan (9x15x1):

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

Maximum value of SAR (measured) = 0.745 W/kg

NR Band 70 Head Right Tilt DFT-s QPSK 15MHz 1RB 77offset 340500ch/Zoom Scan (7x7x16)/Cube 0:

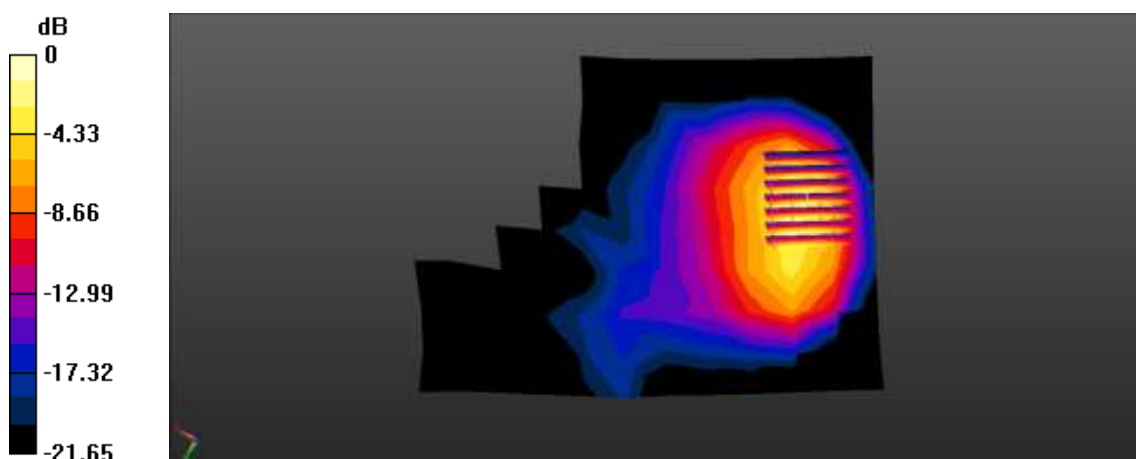
Measurement grid: dx=5mm, dy=5mm, dz=2mm

Reference Value = 23.82 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.708 W/kg; SAR(10 g) = 0.334 W/kg

Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg = 0.83 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 22.4 °C
 Liquid Temperature: 22.3 °C
 Test Date: 06/11/2025
 Band: NR FDD Band n71 Head SAR_Ant.E
 Plot No.: A27

Communication System: UID 10931 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz);
 Frequency: 680.5 MHz; Duty Cycle: 1:3.55795
 Medium parameters used (interpolated): $f = 680.5$ MHz; $\sigma = 0.889$ S/m; $\epsilon_r = 41.899$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY5 Configuration:

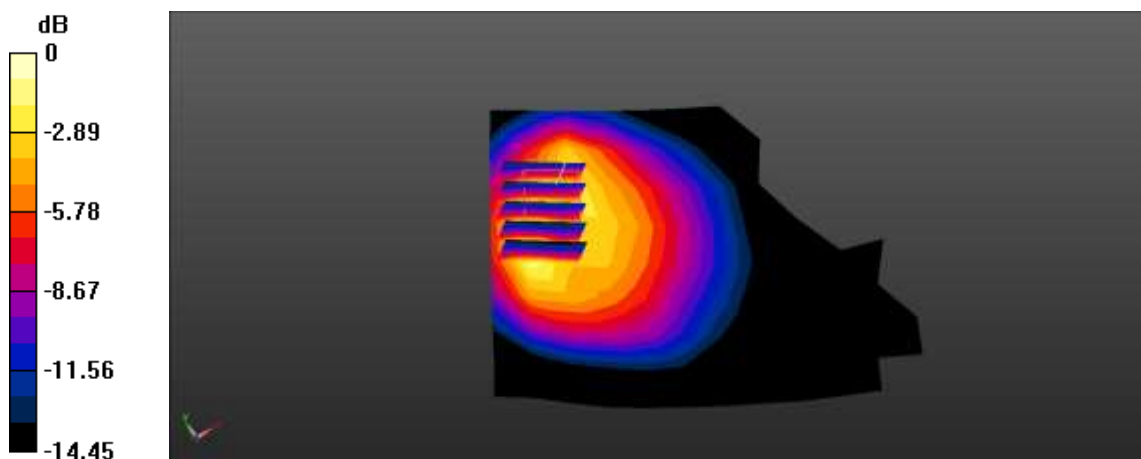
- Probe: EX3DV4 - SN3768; ConvF(9.16, 9.45, 9.24) @ 680.5 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- Phantom: SAM_Right_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band 71 Head Left Touch DFT-s QPSK 20MHz 1RB 1offset 136100ch/Area Scan (9x14x1):

Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.628 W/kg

NR Band 71 Head Left Touch DFT-s QPSK 20MHz 1RB 1offset 136100ch/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 21.52 V/m; Power Drift = -0.03 dB
 Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.478 W/kg; SAR(10 g) = 0.258 W/kg
 Maximum value of SAR (measured) = 0.775 W/kg



0 dB = 0.775 W/kg = -1.11 dBW/kg

EUT Type: Mobile Phone
Ambient Temperature: 22.6 °C
Liquid Temperature: 22.5 °C
Test Date: 06/28/2025
Band: NR TDD Band n77 Head SAR_Ant.F
Plot No.: A28

Communication System: UID 10866 - AAF, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz);
 Frequency: 3750 MHz; Duty Cycle: 1:3.69913
 Medium parameters used (interpolated): $f = 3750$ MHz; $\sigma = 3.144$ S/m; $\epsilon_r = 37.601$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY5 Configuration:

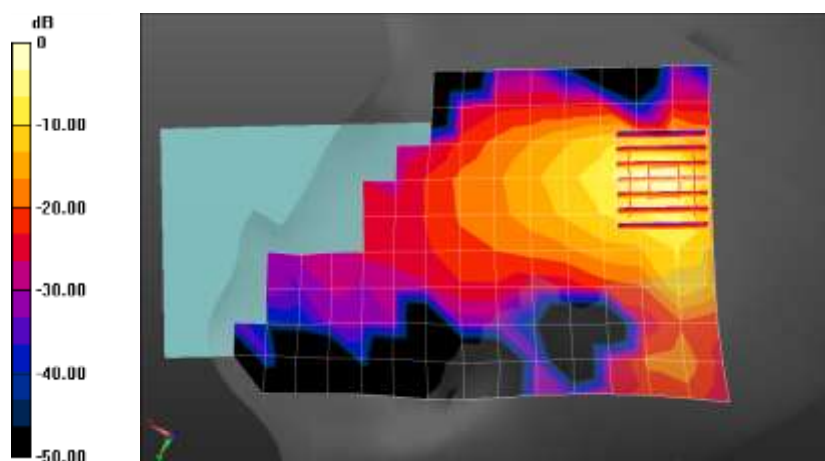
- Probe: EX3DV4 - SN3903; ConvF(6.43, 6.68, 6.49) @ 3750 MHz; Calibrated: 2024-07-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band 77 Head Right Tilt DFT-s QPSK 100MHz 1RB 137offset 650000ch/Area Scan (10x17x1):

Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.972 W/kg

NR Band 77 Head Right Tilt DFT-s QPSK 100MHz 1RB 137offset 650000ch/Zoom Scan (7x7x8)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 7.780 V/m; Power Drift = -0.18 dB
 Peak SAR (extrapolated) = 2.13 W/kg
SAR(1 g) = 0.687 W/kg; SAR(10 g) = 0.217 W/kg
 Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.51 W/kg = 1.79 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 21.0 °C
 Liquid Temperature: 20.9 °C
 Test Date: 06/17/2025
 Band: WLAN 2.4GHz Head SAR_MIMO
 Plot No.: A29
 Measurement Report for Device, CHEEK, WLAN 2.4GHz, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps),
 Channel 1 (2412.000 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	CHEEK, 0.00	WLAN 2.4GHz	WLAN, 10012-CAB	2412.000, 1	6.85	1.80	39.6

Hardware Setup

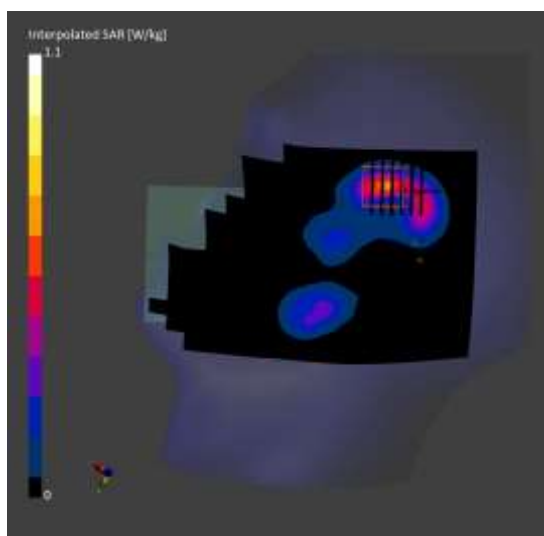
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V4.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7655, 2025-06-03	DAE4 Sn1225, 2025-02-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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

Measurement Results

	Area Scan	Zoom Scan1	Zoom Scan2
psSAR1g [W/Kg]	0.470	0.470	0.462
psSAR10g [W/Kg]	0.199	0.188	0.185
Power Drift [dB]	-0.09	0.12	0.11



EUT Type: Mobile Phone
 Ambient Temperature: 21.7 °C
 Liquid Temperature: 21.6 °C
 Test Date: 06/14/2025
 Band: WLAN 5GHz Head SAR_Ant.H
 Plot No.: A30
 Measurement Report for Device, CHEEK, WLAN 5GHz, IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), Channel 58 (5290.000 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	CHEEK, 0.00	WLAN 5GHz	WLAN, 10544-AAD	5290.000, 58	6.0	4.69	36.7

Hardware Setup

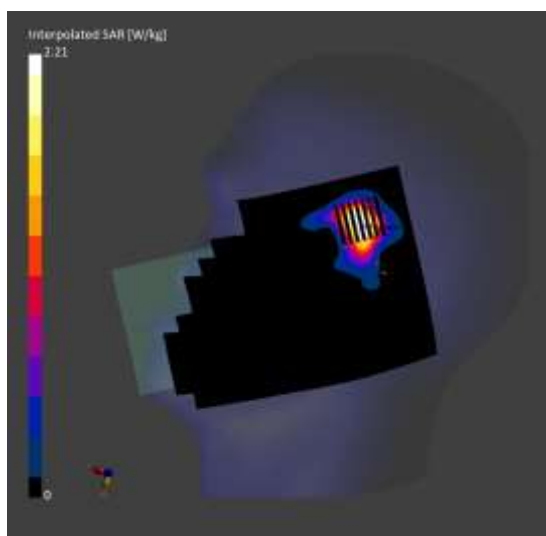
Phantom Twin-SAM V8.0 (30deg probe tilt) - xxxx	Probe, Calibration Date EX3DV4 - SN7622, 2024-11-22	DAE, Calibration Date DAE4 Sn869, 2025-03-19
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Scans Setup

	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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.522	0.587
psSAR10g [W/Kg]	0.195	0.201
Power Drift [dB]	-0.14	0.11



EUT Type: Mobile Phone
 Ambient Temperature: 21.9 °C
 Liquid Temperature: 21.8 °C
 Test Date: 07/01/2025
 Band: WLAN 6GHz Head SAR_Ant.H
 Plot No.: A31
 Measurement Report for Device, CHEEK, U-NII-5, IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle),
 Channel 15 (6025.000 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	CHEEK, 0.00	U-NII-5	WLAN, 10743- AAC	6025.000, 15	6.25	5.55	34.9

Hardware Setup

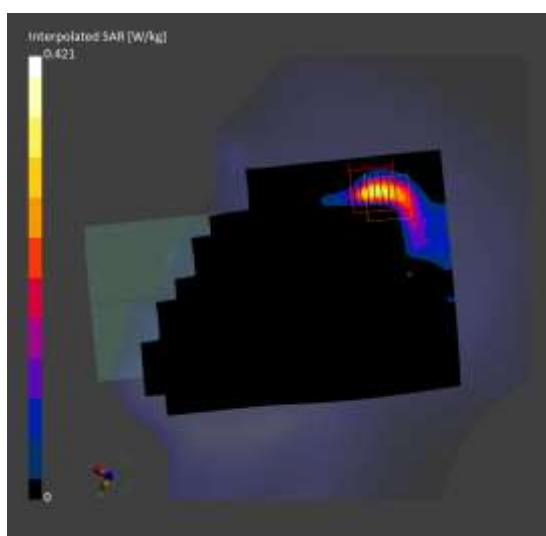
Phantom Twin-SAM V8.0 (30deg probe tilt) - xxxx	Probe, Calibration Date EX3DV4 - SN7622, 2024-11-22	DAE, Calibration Date DAE4 Sn869, 2025-03-19
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Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.050	0.073
psSAR10g [W/Kg]	0.014	0.016
Power Drift [dB]	-0.17	0.10



EUT Type: Mobile Phone
 Ambient Temperature: 21.5 °C
 Liquid Temperature: 21.3 °C
 Test Date: 06/15/2025
 Band: Bluetooth Head SAR_Ant.H
 Plot No.: A32
 Measurement Report for Device, CHEEK, ISM 2.4 GHz Band, IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5), Channel 0 (2402.000 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	CHEEK, 0.00	ISM 2.4 GHz Band	Bluetooth, 10035-CAA	2402.000, 0	6.85	1.76	38.8

Hardware Setup

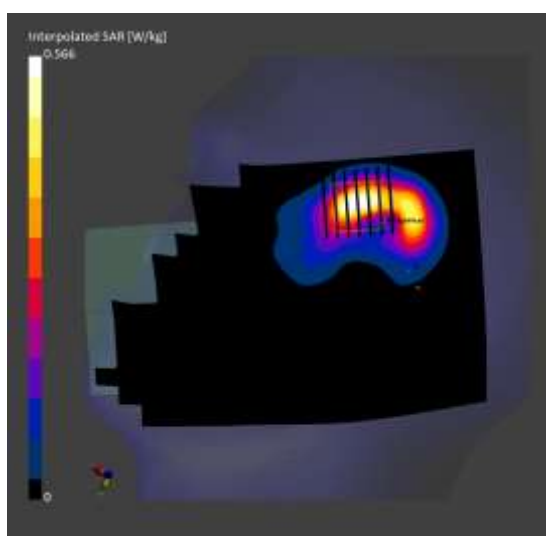
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V4.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7655, 2025-06-03	DAE4 Sn1225, 2025-02-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.228	0.235
psSAR10g [W/Kg]	0.102	0.097
Power Drift [dB]	-0.19	-0.12



EUT Type: Mobile Phone
 Ambient Temperature: 21.4 °C
 Liquid Temperature: 21.3 °C
 Test Date: 06/11/2025
 Band: GSM 850 Body SAR_Ant.A
 Plot No.: B1

Measurement Report for Device, BACK, GSM 850, GPRS-FDD (TDMA, GMSK, TN 0-1-2-3), 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, 10028-DAC	836.600, 190	9.82	0.919	40.9

Hardware Setup

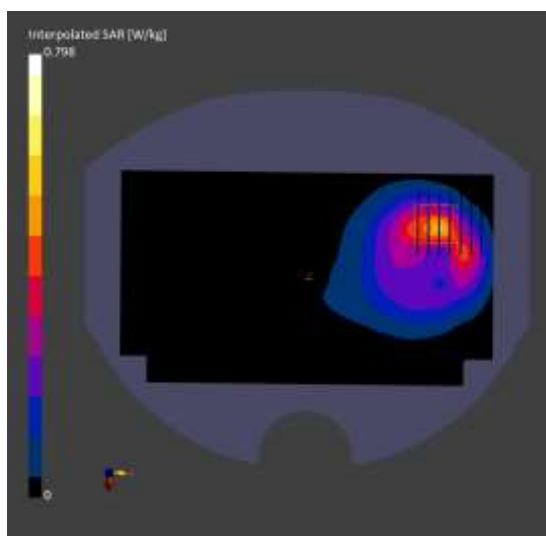
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.443	0.441
psSAR10g [W/Kg]	0.267	0.253
Power Drift [dB]	-0.10	-0.19



EUT Type: Mobile Phone
Ambient Temperature: 22.3 °C
Liquid Temperature: 22.2 °C
Test Date: 06/09/2025
Band: GSM 1900 Body SAR_Ant.A
Plot No.: B2
Measurement Report for Device, EDGE BOTTOM, PCS 1900, GPRS-FDD (TDMA, GMSK, TN 0-1-2-3), Channel 810 (1909.800 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	PCS 1900	GSM, 10028-DAC	1909.800, 810	8.21	1.40	38.8

Hardware Setup

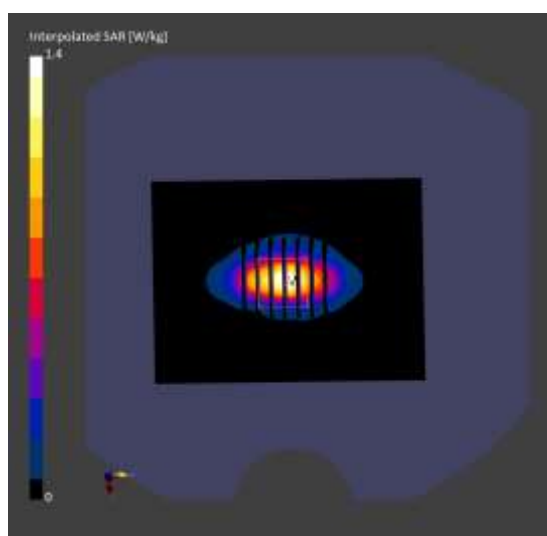
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.847	0.766
psSAR10g [W/Kg]	0.402	0.376
Power Drift [dB]	-0.18	0.01



EUT Type: Mobile Phone
 Ambient Temperature: 21.7 °C
 Liquid Temperature: 21.6 °C
 Test Date: 06/16/2025
 Band: UMTS Band 5 Body SAR_Ant.A
 Plot No.: B3
 Measurement Report for Device, BACK, Band 5, UMTS-FDD (WCDMA), Channel 4233 (846.600 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	846.600, 4233	9.82	0.938	41.2

Hardware Setup

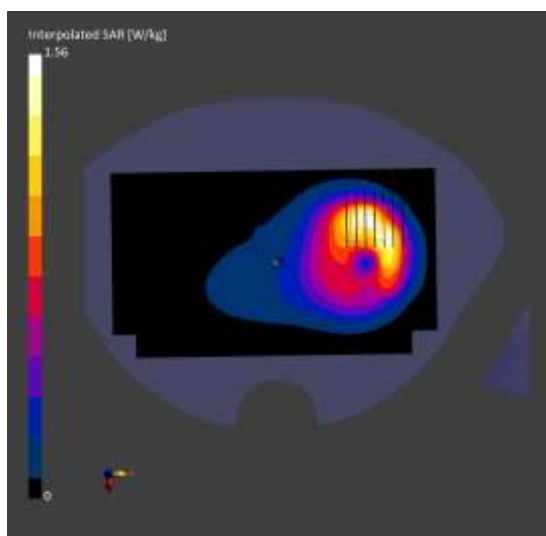
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.858	0.898
psSAR10g [W/Kg]	0.543	0.522
Power Drift [dB]	-0.08	0.05



EUT Type: Mobile Phone
 Ambient Temperature: 21.5 °C
 Liquid Temperature: 21.4 °C
 Test Date: 06/11/2025
 Band: UMTS Band 4 Body SAR_Ant.A
 Plot No.: B4
 Measurement Report for Device, EDGE BOTTOM, Band 4, UMTS-FDD (WCDMA), Channel 1312 (1712.400 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 4	WCDMA, 10011-CAC	1712.400, 1312	7.96	1.35	40.7

Hardware Setup

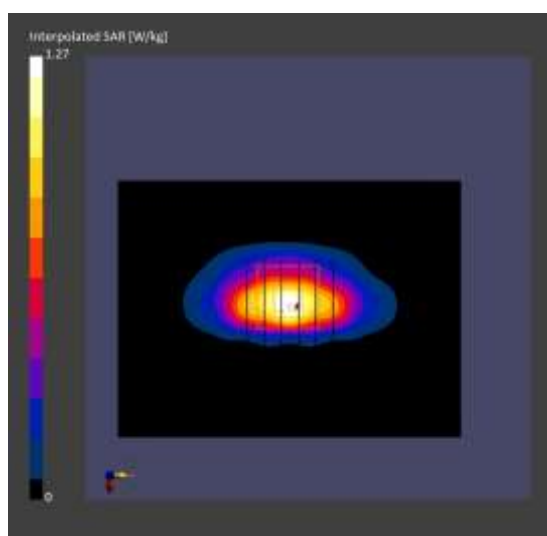
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	75.0 x 120.0	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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.600	0.689
psSAR10g [W/Kg]	0.302	0.348
Power Drift [dB]	-0.07	-0.08



EUT Type: Mobile Phone
 Ambient Temperature: 22.0 °C
 Liquid Temperature: 21.9 °C
 Test Date: 06/10/2025
 Band: UMTS Band 2 Body SAR_Ant.A
 Plot No.: B5
 Measurement Report for Device, EDGE BOTTOM, Band 2, UMTS-FDD (WCDMA), Channel 9400 (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
Flat, Head Simulating Liquid	EDGE BOTTOM, 5.00	Band 2	WCDMA, 10011-CAC	1880.000, 9400	7.53	1.36	39.5

Hardware Setup

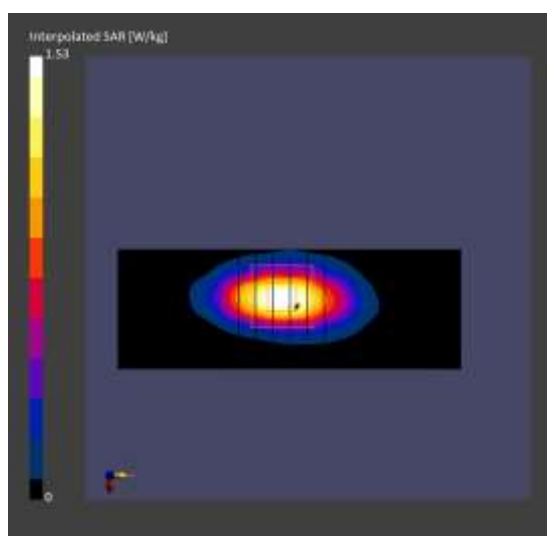
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	42.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	7.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.818	0.822
psSAR10g [W/Kg]	0.381	0.398
Power Drift [dB]	-0.02	-0.04



EUT Type: Mobile Phone
 Ambient Temperature: 21.8 °C
 Liquid Temperature: 21.7 °C
 Test Date: 06/12/2025
 Band: LTE Band 7 Body SAR_Ant.B
 Plot No.: B6
 Measurement Report for Device, BACK, Band 7, LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)
 AntennaCfg:SISO, Channel 20850 (2510.000 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 7	LTE-FDD, 10297-AAE	2510.000, 20850	7.4	1.85	39.0

Hardware Setup

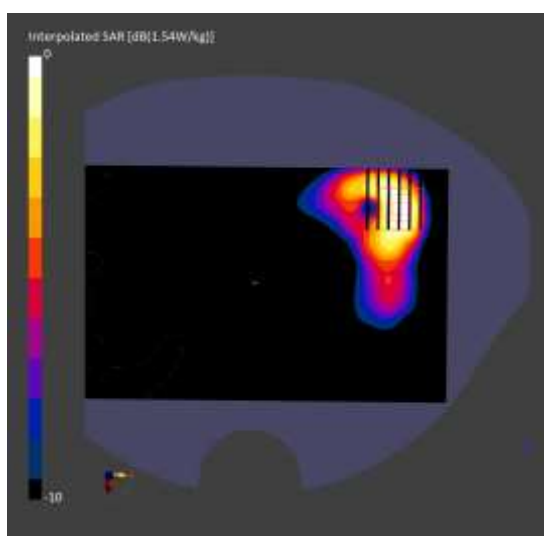
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.666	0.752
psSAR10g [W/Kg]	0.323	0.332
Power Drift [dB]	0.01	0.03



EUT Type: Mobile Phone
 Ambient Temperature: 21.5 °C
 Liquid Temperature: 21.4 °C
 Test Date: 06/03/2025
 Band: LTE 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	10.22	0.858	43.3

Hardware Setup

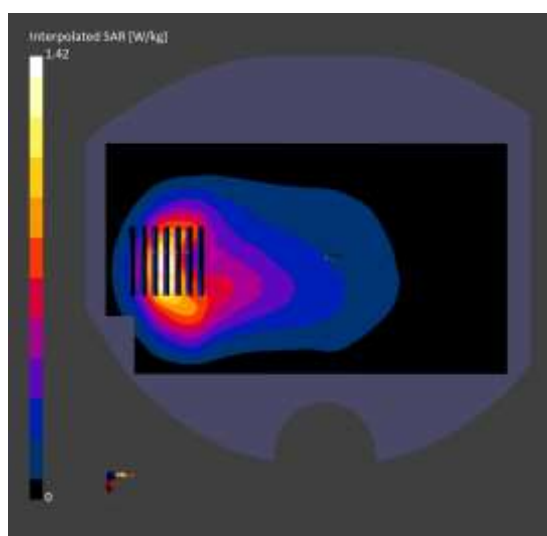
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.693	0.708
psSAR10g [W/Kg]	0.420	0.378
Power Drift [dB]	0.02	-0.10



EUT Type: Mobile Phone
 Ambient Temperature: 21.9 °C
 Liquid Temperature: 21.8 °C
 Test Date: 06/04/2025
 Band: LTE Band 13 Body SAR_Ant.A
 Plot No.: B8
 Measurement Report for Device, BACK, Band 13, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)
 RBPosition:Mid AntennaCfg:SISO, Channel 23230 (782.000 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 5.00	Band 13	LTE-FDD, 10175-CAH	782.000, 23230	10.22	0.928	42.0

Hardware Setup

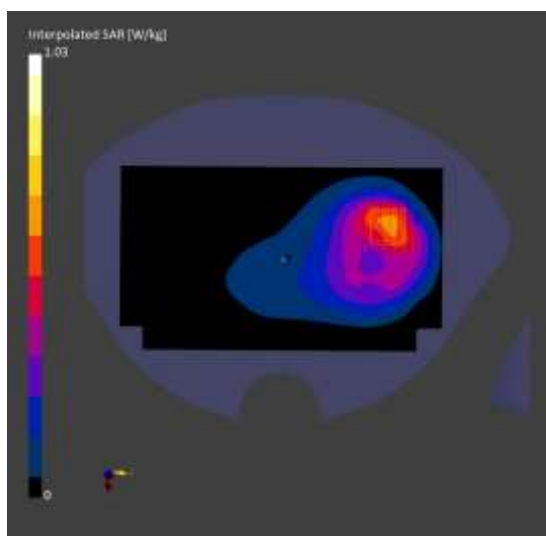
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.559	0.570
psSAR10g [W/Kg]	0.365	0.337
Power Drift [dB]	-0.06	0.01



EUT Type: Mobile Phone
 Ambient Temperature: 21.7 °C
 Liquid Temperature: 21.6 °C
 Test Date: 06/06/2025
 Band: LTE Band 14 Body SAR_Ant.A
 Plot No.: B9
 Measurement Report for Device, BACK, Band 14, LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)
 RBPosition:Mid AntennaCfg:SISO, Channel 23330 (793.000 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 14	LTE-FDD, 10154-CAH	793.000, 23330	10.22	0.940	41.8

Hardware Setup

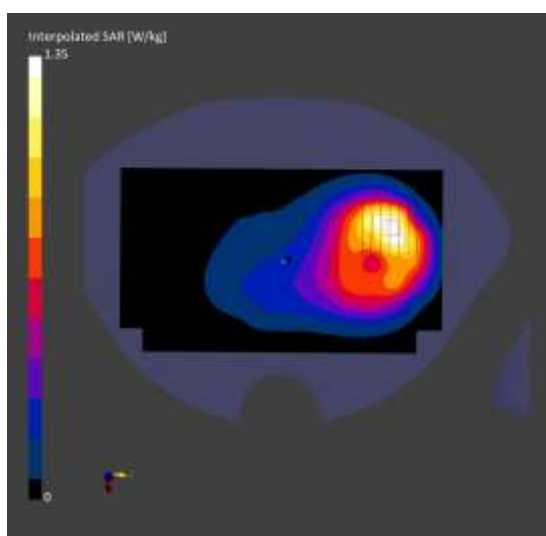
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.716	0.738
psSAR10g [W/Kg]	0.467	0.432
Power Drift [dB]	0.03	0.04



EUT Type: Mobile Phone
 Ambient Temperature: 21.8 °C
 Liquid Temperature: 21.7 °C
 Test Date: 06/09/2025
 Band: LTE Band 25 Body SAR_Ant.A
 Plot No.: B10
 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	7.53	1.36	39.5

Hardware Setup

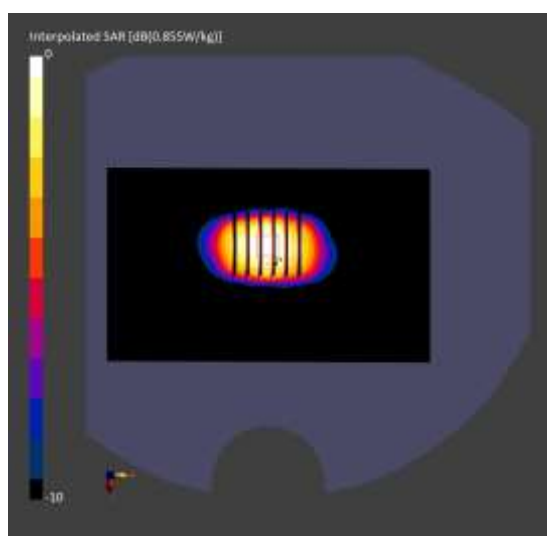
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 150.0	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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.725	0.893
psSAR10g [W/Kg]	0.391	0.462
Power Drift [dB]	-0.16	-0.09



EUT Type: Mobile Phone
 Ambient Temperature: 21.6 °C
 Liquid Temperature: 21.5 °C
 Test Date: 05/30/2025
 Band: LTE Band 26 Body SAR_Ant.A
 Plot No.: B11
 Measurement Report for Device, BACK, Band 26, LTE-FDD (SC-FDMA, 1 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, 10181-CAF	831.500, 26865	9.82	0.912	41.3

Hardware Setup

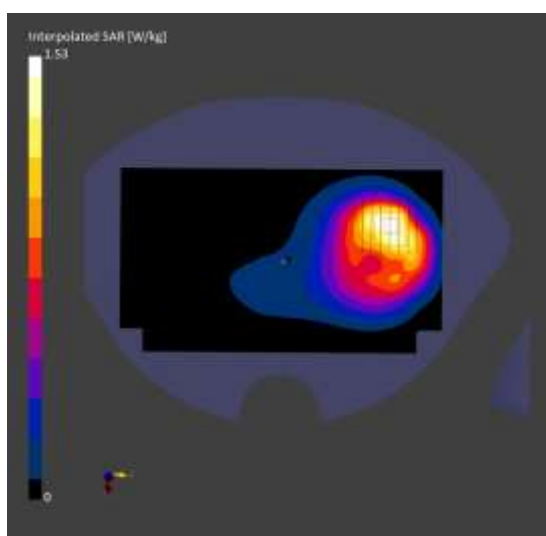
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.798	0.840
psSAR10g [W/Kg]	0.518	0.481
Power Drift [dB]	-0.02	-0.04



EUT Type: Mobile Phone
 Ambient Temperature: 21.8 °C
 Liquid Temperature: 21.7 °C
 Test Date: 06/04/2025
 Band: LTE Band 30 Body SAR_Ant.A
 Plot No.: B12

Communication System: UID 10108 - CAG, LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK); Frequency: 2310 MHz; Duty Cycle: 1:3.80102
 Medium parameters used (interpolated): $f = 2310$ MHz; $\sigma = 1.741$ S/m; $\epsilon_r = 39.541$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ; Calibrated: 2024-07-17
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: SAM with CRP v5.0_Right
- Measurement SW: DASY52, Version 52.10 (4);

LTE Band 30 Body Bottom QPSK 10MHz 50RB 0offset 27710ch/Area Scan (6x11x1): Measurement grid:

dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.743 W/kg

LTE Band 30 Body Bottom QPSK 10MHz 50RB 0offset 27710ch/Zoom Scan (7x7x7)/Cube 0:

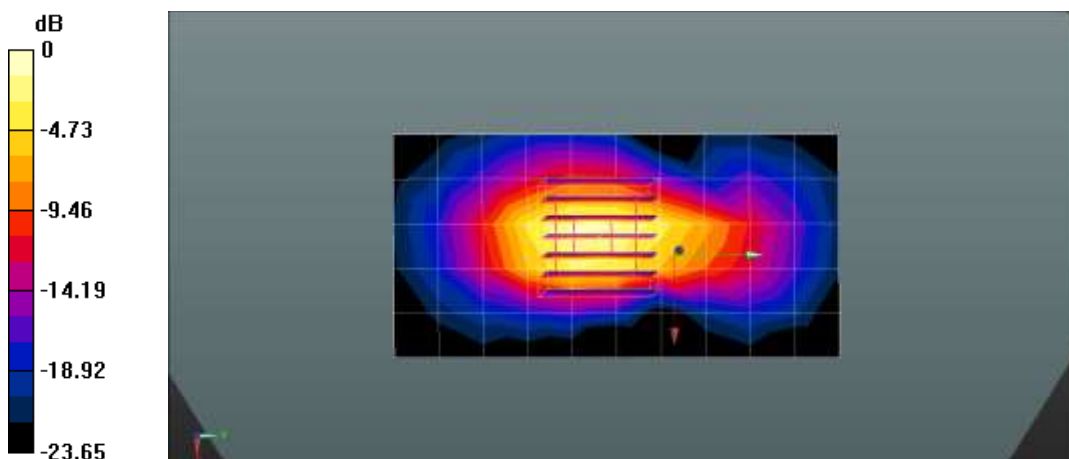
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.57 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.721 W/kg; SAR(10 g) = 0.319 W/kg

Maximum value of SAR (measured) = 0.965 W/kg



0 dB = 0.965 W/kg = -0.15 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 21.7 °C
 Liquid Temperature: 21.6 °C
 Test Date: 06/03/2025
 Band: LTE Band 41 Body SAR_Ant.B
 Plot No.: B13

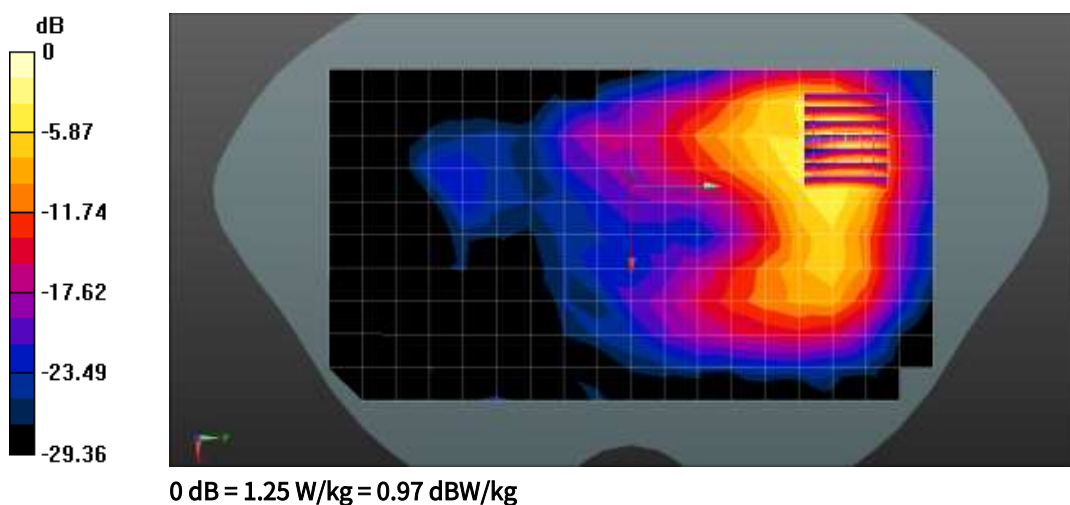
Communication System: UID 10151 - CAG, LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 2549.5 MHz; Duty Cycle: 1:8.46642
 Medium parameters used (interpolated): $f = 2550$ MHz; $\sigma = 1.878$ S/m; $\epsilon_r = 38.871$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(4.32, 4.65, 4.64) @ 2549.5 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 Body Rear QPSK 20MHz 50RB 0offset 40185ch/Area Scan (11x19x1): Measurement grid:
 dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.843 W/kg

LTE Band 41 Body Rear QPSK 20MHz 50RB 0offset 40185ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 1.972 V/m; Power Drift = 0.17 dB
 Peak SAR (extrapolated) = 2.21 W/kg
SAR(1 g) = 0.850 W/kg; SAR(10 g) = 0.348 W/kg
 Maximum value of SAR (measured) = 1.25 W/kg



EUT Type: Mobile Phone
 Ambient Temperature: 22.1 °C
 Liquid Temperature: 22.0 °C
 Test Date: 06/14/2025
 Band: LTE Band 48 Body SAR_Ant.F
 Plot No.: B14

Communication System: UID 10512 - AAG, LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9); Frequency: 3690 MHz; Duty Cycle: 1:5.93608
 Medium parameters used (interpolated): $f = 3690$ MHz; $\sigma = 3.067$ S/m; $\epsilon_r = 38.584$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(6.43, 6.68, 6.49) @ 3690 MHz; Calibrated: 2024-07-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 48 Body Top QPSK 20MHz 100RB 0offset 56640ch/Area Scan (7x10x1): Measurement grid:

dx=12mm, dy=12mm

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

LTE Band 48 Body Top QPSK 20MHz 100RB 0offset 56640ch/Zoom Scan (7x7x8)/Cube 0: Measurement

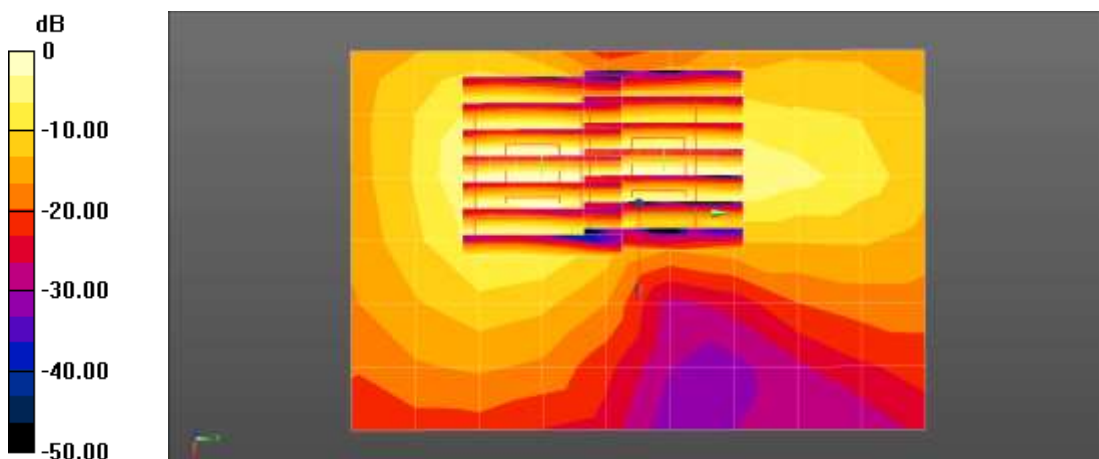
grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 4.000 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 0.550 W/kg; SAR(10 g) = 0.189 W/kg

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



0 dB = 0.833 W/kg = -0.79 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 21.7 °C
 Liquid Temperature: 21.6 °C
 Test Date: 06/22/2025
 Band: LTE Band 66 Body SAR_Ant.A
 Plot No.: B15
 Measurement Report for Device, EDGE BOTTOM, Band 66, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)
 RBPosition:Low AntennaCfg:SISO, Channel 132322 (1745.000 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, 5.00	Band 66	LTE-FDD, 10169-CAF	1745.000, 132322	7.96	1.37	40.7

Hardware Setup

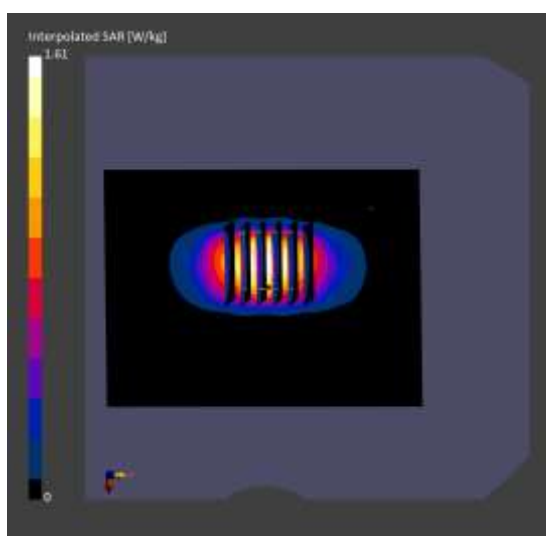
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.652	0.865
psSAR10g [W/Kg]	0.354	0.429
Power Drift [dB]	-0.03	-0.01



EUT Type: Mobile Phone
 Ambient Temperature: 21.7 °C
 Liquid Temperature: 21.6 °C
 Test Date: 05/28/2025
 Band: LTE Band 71 Body SAR_Ant.A
 Plot No.: B16
 Measurement Report for Device, BACK, Band 71, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)
 RBPosition:Low AntennaCfg:SISO, Channel 133297 (680.500 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 5.00	Band 71	LTE-FDD, 10169-CAF	680.500, 133297	10.22	0.870	42.5

Hardware Setup

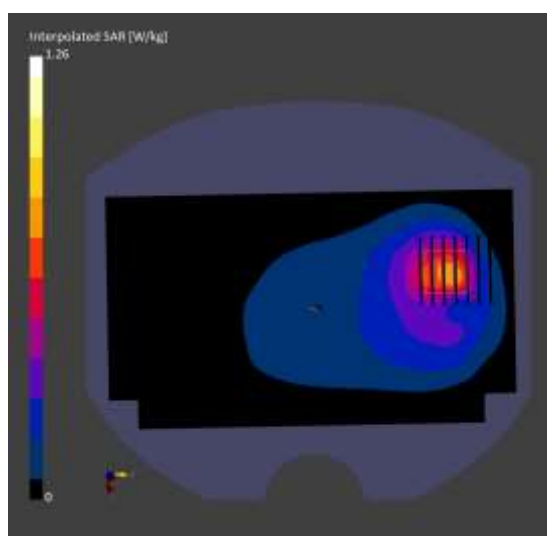
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.704	0.679
psSAR10g [W/Kg]	0.440	0.374
Power Drift [dB]	-0.06	0.00



EUT Type: Mobile Phone
 Ambient Temperature: 22.2 °C
 Liquid Temperature: 22.1 °C
 Test Date: 06/19/2025
 Band: NR Band n7 Body SAR_Ant.B
 Plot No.: B17
 Measurement Report for Device, BACK, Band n7, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)
 AntennaCfg:SISO, Channel 507000 (2535.000 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 n7	5G NR FR1 FDD, 10934-AAC	2535.000, 507000	7.68	1.89	39.1

Hardware Setup

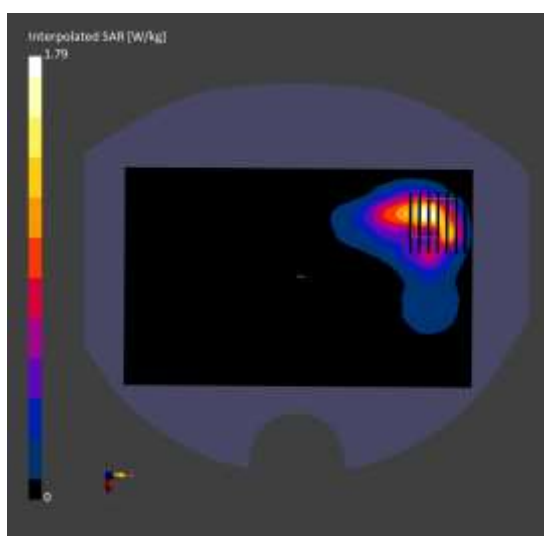
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.711	0.783
psSAR10g [W/Kg]	0.318	0.325
Power Drift [dB]	-0.12	0.16



EUT Type: Mobile Phone
 Ambient Temperature: 22.4 °C
 Liquid Temperature: 22.3 °C
 Test Date: 06/02/2025
 Band: NR Band n12 Body SAR_Ant.A
 Plot No.: B18

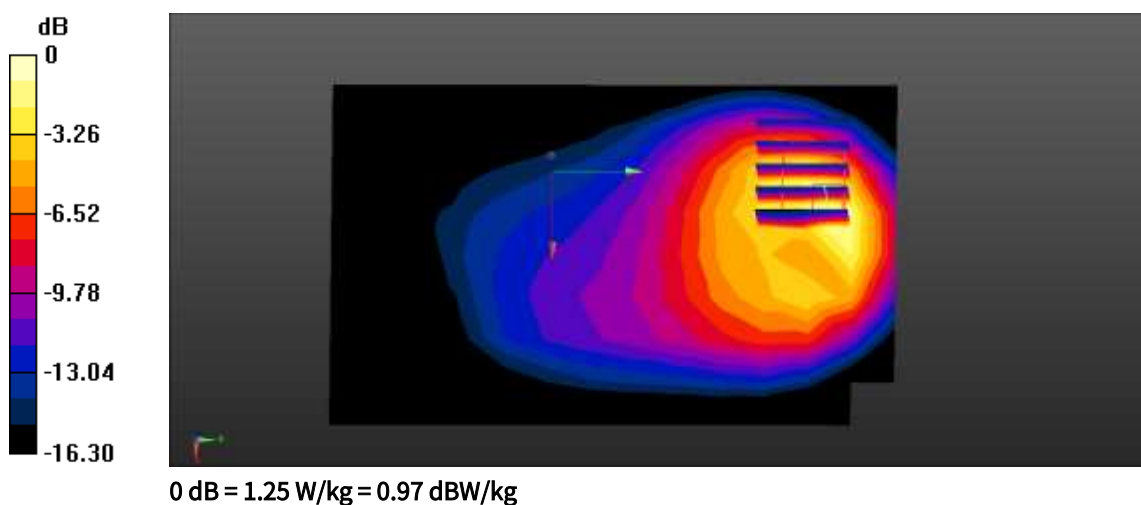
Communication System: UID 10946 - AAC, 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz);
 Frequency: 707.5 MHz; Duty Cycle: 1:3.82913
 Medium parameters used (interpolated): $f = 707.5 \text{ MHz}$; $\sigma = 0.919 \text{ S/m}$; $\epsilon_r = 41.807$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(9.16, 9.45, 9.24) @ 707.5 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- Phantom: SAM_Right_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band 12 Body Rear DFT-s QPSK 15MHz 75RB 0offset 141500ch/Area Scan (9x14x1): Measurement
 grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.826 W/kg

NR Band 12 Body Rear DFT-s QPSK 15MHz 75RB 0offset 141500ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 10.54 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 0.754 W/kg; SAR(10 g) = 0.402 W/kg
 Maximum value of SAR (measured) = 1.25 W/kg



EUT Type: Mobile Phone
 Ambient Temperature: 22.6 °C
 Liquid Temperature: 22.5 °C
 Test Date: 06/04/2025
 Band: NR Band n14 Body SAR_Ant.A
 Plot No.: B19

Communication System: UID 10929 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz);
 Frequency: 793 MHz; Duty Cycle: 1:3.56205
 Medium parameters used (interpolated): $f = 793 \text{ MHz}$; $\sigma = 0.903 \text{ S/m}$; $\epsilon_r = 40.597$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(9.16, 9.45, 9.24) @ 793 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- Phantom: SAM_Right_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band 14 Body Rear CP QPSK 10MHz 1RB 1offset 158600ch/Area Scan (9x15x1): Measurement grid:

$dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.803 W/kg

NR Band 14 Body Rear CP QPSK 10MHz 1RB 1offset 158600ch/Zoom Scan (5x5x7)/Cube 0:

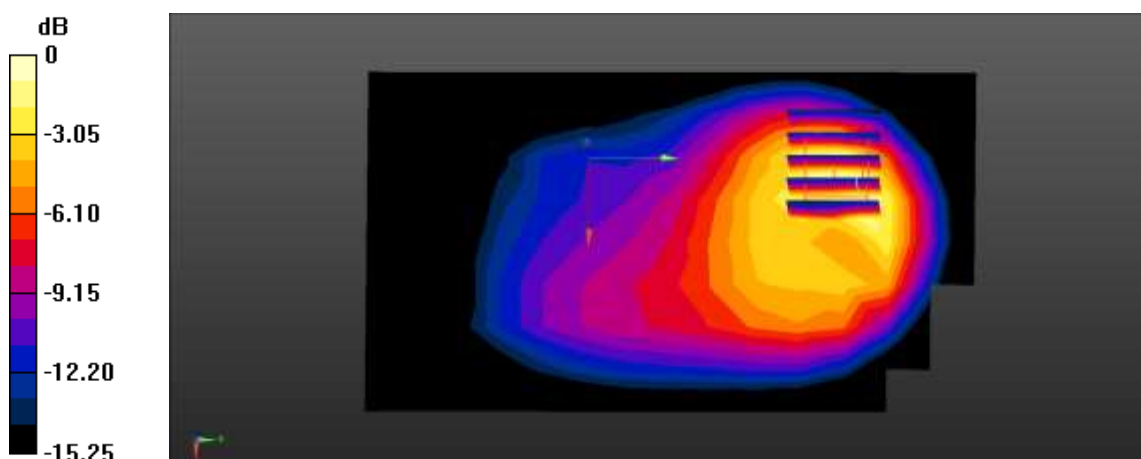
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.13 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.672 W/kg; SAR(10 g) = 0.380 W/kg

Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg = 0.17 dBW/kg

EUT Type: Mobile Phone
Ambient Temperature: 21.9 °C
Liquid Temperature: 21.8 °C
Test Date: 06/25/2025
Band: NR Band n25 Body SAR_Ant.A
Plot No.: B20
Measurement Report for Device, EDGE BOTTOM, Band n25, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, Channel 376500 (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 n25	5G NR FR1 FDD, 10934-AAC	1882.500, 376500	7.53	1.36	39.8

Hardware Setup

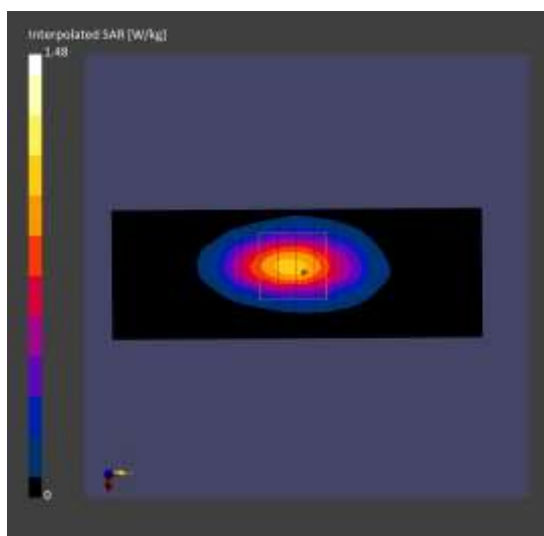
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	42.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	7.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.815	0.817
psSAR10g [W/Kg]	0.386	0.404
Power Drift [dB]	0.00	0.00



EUT Type: Mobile Phone
 Ambient Temperature: 22.6 °C
 Liquid Temperature: 22.5 °C
 Test Date: 06/06/2025
 Band: NR Band n26 Body SAR_Ant.A
 Plot No.: B21

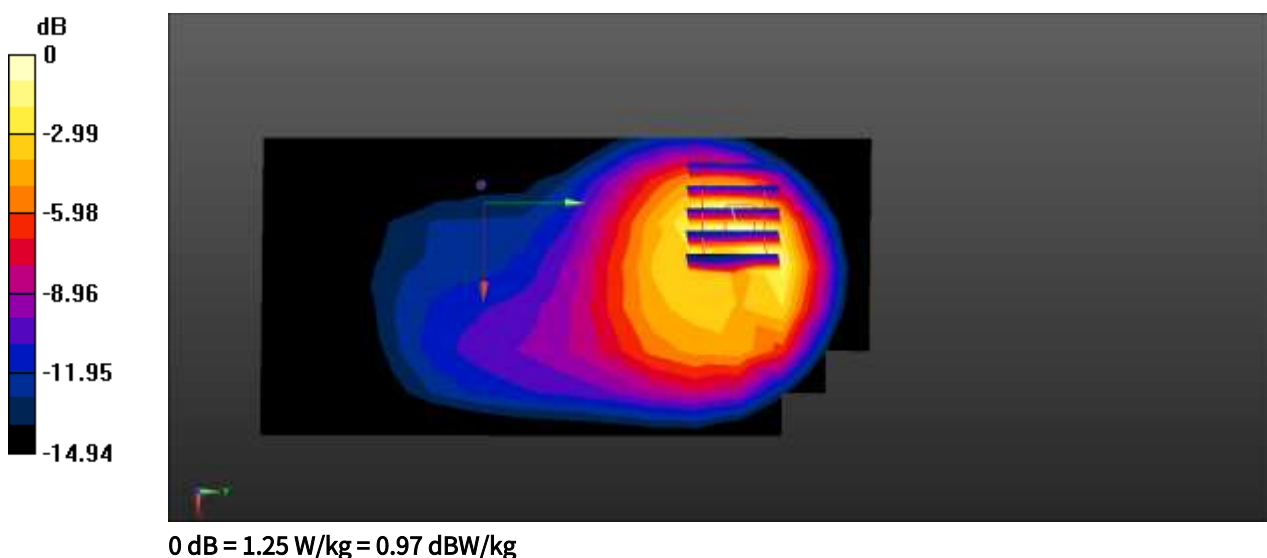
Communication System: UID 10947 - AAC, 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz);
 Frequency: 831.5 MHz; Duty Cycle: 1:3.86456
 Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.918$ S/m; $\epsilon_r = 40.71$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(8.83, 9.11, 8.9) @ 831.5 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- Phantom: SAM_Right_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band 26 Body Rear DFT-s QPSK 20MHz 100RB offset 166300ch/Area Scan (8x15x1): Measurement
 grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 1.27 W/kg

NR Band 26 Body Rear DFT-s QPSK 20MHz 100RB offset 166300ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 9.740 V/m; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 0.823 W/kg; SAR(10 g) = 0.452 W/kg
 Maximum value of SAR (measured) = 1.25 W/kg



EUT Type: Mobile Phone
 Ambient Temperature: 22.9 °C
 Liquid Temperature: 22.7 °C
 Test Date: 06/20/2025
 Band: NR Band n30 Body SAR_Ant.A
 Plot No.: B22
 Measurement Report for Device, EDGE BOTTOM, Band n30, 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) AntennaCfg:SISO, Channel 462000 (2310.000 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, 5.00	Band n30	5G NR FR1 FDD, 10929-AAD	2310.000, 462000	8.02	1.69	38.4

Hardware Setup

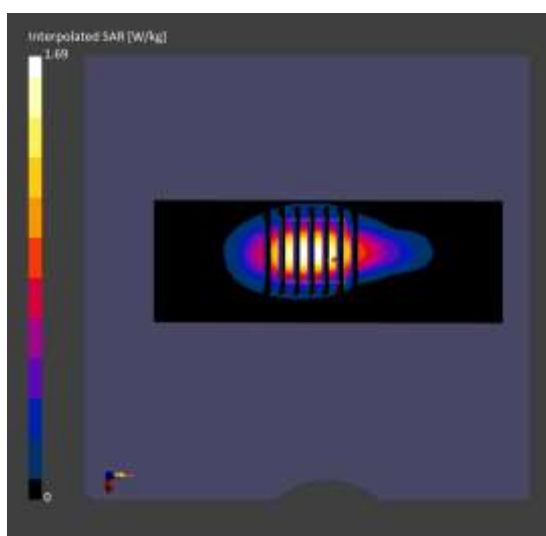
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mCm]	42.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	7.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.897	0.874
psSAR10g [W/Kg]	0.394	0.405
Power Drift [dB]	0.02	0.01



EUT Type: Mobile Phone
 Ambient Temperature: 21.5 °C
 Liquid Temperature: 21.4 °C
 Test Date: 06/04/2025
 Band: NR Band n41 Body SAR_Ant.B
 Plot No.: B23
 Measurement Report for Device, EDGE BOTTOM, Band n41, 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, Channel 518598 (2592.990 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 n41	5G NR FR1 TDD, 10917-AAD	2592.990, 518598	7.4	1.93	38.6

Hardware Setup

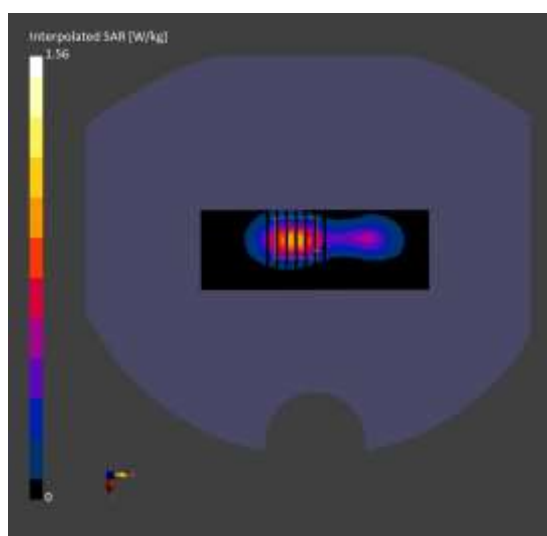
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	42.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	7.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.769	0.772
psSAR10g [W/Kg]	0.328	0.343
Power Drift [dB]	-0.11	-0.02



EUT Type: Mobile Phone
 Ambient Temperature: 22.6 °C
 Liquid Temperature: 22.5 °C
 Test Date: 06/26/2025
 Band: NR Band n48 Body SAR_Ant.C
 Plot No.: B24

Communication System: UID 10903 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz);
 Frequency: 3624.99 MHz; Duty Cycle: 1:3.69999
 Medium parameters used (interpolated): $f = 3624.99$ MHz; $\sigma = 3.069$ S/m; $\epsilon_r = 37.895$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(7.28, 7.21, 7.69) @ 3624.99 MHz; Calibrated: 2025-06-02
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n48 Body Left DFT-s QPSK 40MHz 1RB 53offset 641666ch/Area Scan (6x16x1): Measurement

grid: dx=12mm, dy=12mm

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

NR Band n48 Body Left DFT-s QPSK 40MHz 1RB 53offset 641666ch/Zoom Scan (7x7x8)/Cube 0:

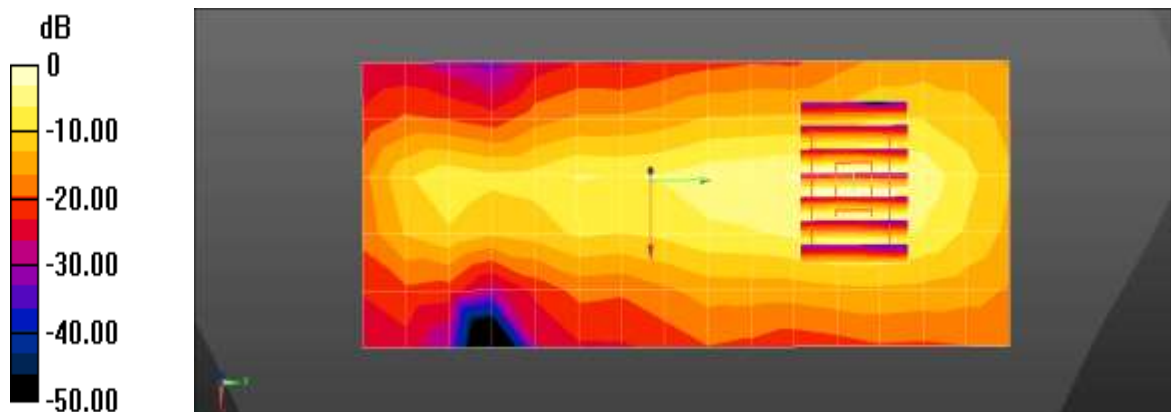
Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 11.79 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 2.31 W/kg

SAR(1 g) = 0.790 W/kg; SAR(10 g) = 0.285 W/kg

Maximum value of SAR (measured) = 1.65 W/kg



0 dB = 1.65 W/kg = 2.17 dBW/kg

EUT Type: Mobile Phone
Ambient Temperature: 21.7 °C
Liquid Temperature: 21.6 °C
Test Date: 06/26/2025
Band: NR Band n66 Body SAR_Ant.A
Plot No.: B25
Measurement Report for Device, EDGE BOTTOM, Band n66, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) AntennaCfg:SISO, Channel 349000 (1745.000 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, 5.00	Band n66	5G NR FR1 FDD, 10934-AAC	1745.000, 349000	7.96	1.37	41.0

Hardware Setup

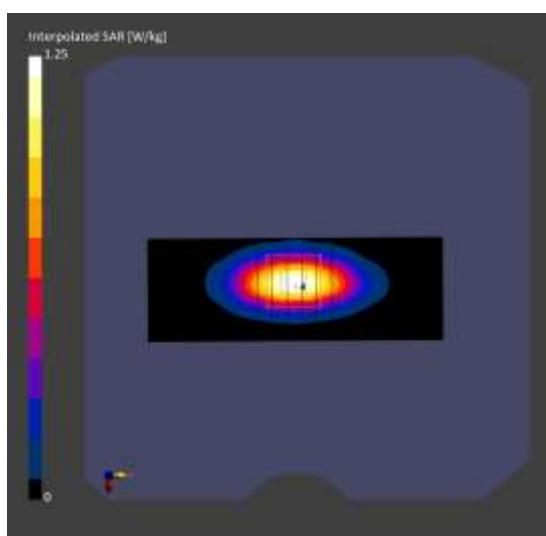
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	42.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	7.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.705	0.703
psSAR10g [W/Kg]	0.343	0.360
Power Drift [dB]	0.02	-0.01



EUT Type: Mobile Phone
 Ambient Temperature: 22.9 °C
 Liquid Temperature: 22.8 °C
 Test Date: 06/16/2025
 Band: NR Band n70 Body SAR_Ant.A
 Plot No.: B26

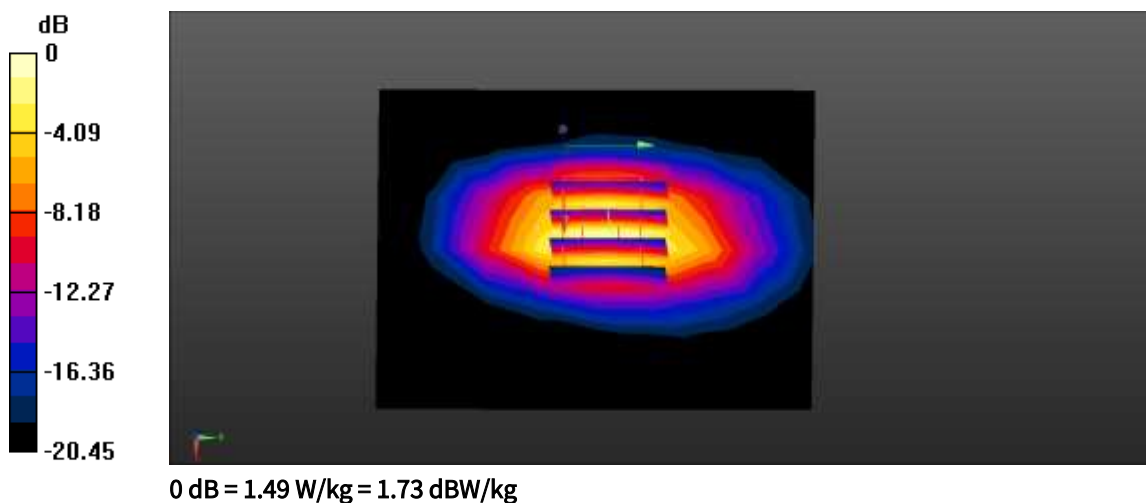
Communication System: UID 10930 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz);
 Frequency: 1702.5 MHz; Duty Cycle: 1:3.56205
 Medium parameters used (interpolated): $f = 1702.5$ MHz; $\sigma = 1.329$ S/m; $\epsilon_r = 40.839$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(7.25, 8.18, 7.93) @ 1702.5 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)

NR Band 70 Body Bottom DFT-s QPSK 15MHz 1RB 77offset 340500ch/Area Scan (7x9x1): Measurement
 grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 1.19 W/kg

NR Band 70 Body Bottom DFT-s QPSK 15MHz 1RB 77offset 340500ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 31.96 V/m; Power Drift = 0.12 dB
 Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 0.959 W/kg; SAR(10 g) = 0.473 W/kg
 Maximum value of SAR (measured) = 1.49 W/kg



EUT Type: Mobile Phone
 Ambient Temperature: 22.5 °C
 Liquid Temperature: 22.4 °C
 Test Date: 06/12/2025
 Band: NR Band n71 Body SAR_Ant.A
 Plot No.: B27

Communication System: UID 10939 - AAC, 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz);
 Frequency: 680.5 MHz; Duty Cycle: 1:3.81768
 Medium parameters used (interpolated): $f = 680.5 \text{ MHz}$; $\sigma = 0.87 \text{ S/m}$; $\epsilon_r = 42.642$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(9.16, 9.45, 9.24) @ 680.5 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- Phantom: SAM_Right_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band 71 Body Rear DFT-s QPSK 20MHz 50RB 28offset 136100ch/Area Scan (9x14x1): Measurement
 grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.973 W/kg

NR Band 71 Body Rear DFT-s QPSK 20MHz 50RB 28offset 136100ch/Zoom Scan (5x5x7)/Cube 0:

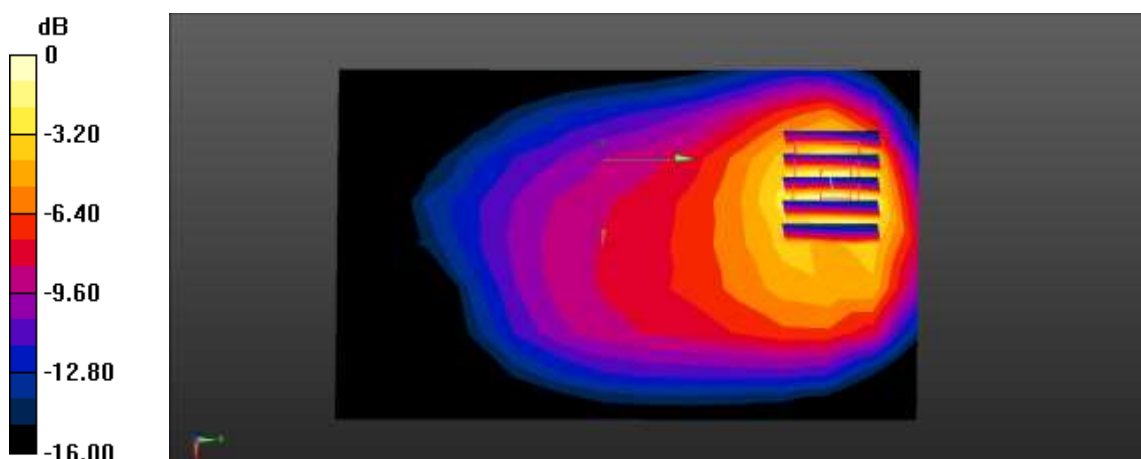
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.44 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.694 W/kg; SAR(10 g) = 0.382 W/kg

Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg = 0.17 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 22.6 °C
 Liquid Temperature: 22.5 °C
 Test Date: 06/28/2025
 Band: NR Band n77 Body SAR_Ant.F
 Plot No.: B28

Communication System: UID 10917 - AAD, 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz);
 Frequency: 3750 MHz; Duty Cycle: 1:3.93007
 Medium parameters used (interpolated): $f = 3750$ MHz; $\sigma = 3.144$ S/m; $\epsilon_r = 37.601$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

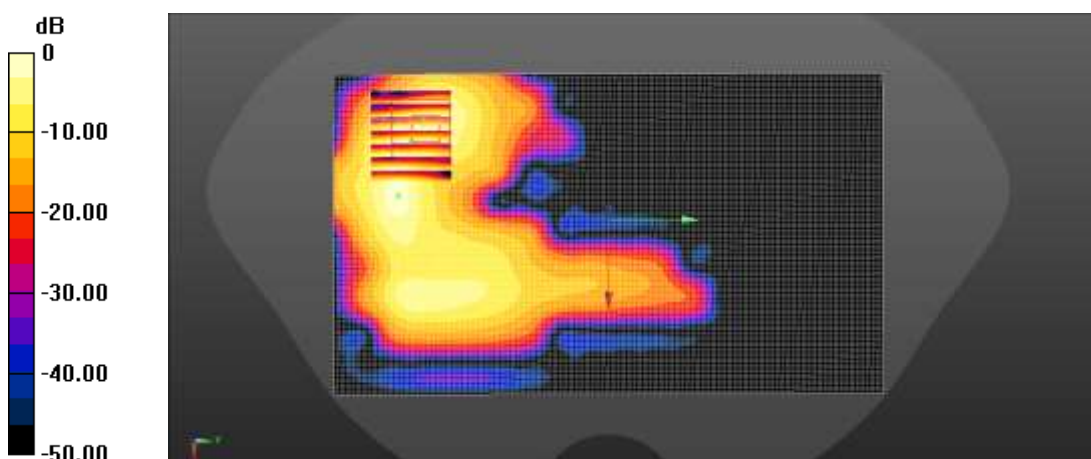
- Probe: EX3DV4 - SN3903; ConvF(6.43, 6.68, 6.49) @ 3750 MHz; Calibrated: 2024-07-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band 77 Body Rear DFT-s QPSK 100MHz 135RB 138offset 650000ch/Area Scan (101x171x1):

Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
 Maximum value of SAR (interpolated) = 1.08 W/kg

NR Band 77 Body Rear DFT-s QPSK 100MHz 135RB 138offset 650000ch/Zoom Scan (7x7x8)/Cube 0:

Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=4$ mm
 Reference Value = 1.668 V/m; Power Drift = -0.19 dB
 Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 0.569 W/kg; SAR(10 g) = 0.199 W/kg
 Maximum value of SAR (measured) = 1.19 W/kg



EUT Type: Mobile Phone
 Ambient Temperature: 21.0 °C
 Liquid Temperature: 20.9 °C
 Test Date: 06/17/2025
 Band: WLAN 2.4GHz Body SAR_MIMO
 Plot No.: B29
 Measurement Report for Device, EDGE LEFT, WLAN 2.4GHz, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps), Channel 1 (2412.000 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 LEFT, 5.00	WLAN 2.4GHz	WLAN, 10012-CAB	2412.000, 1	6.85	1.80	39.6

Hardware Setup

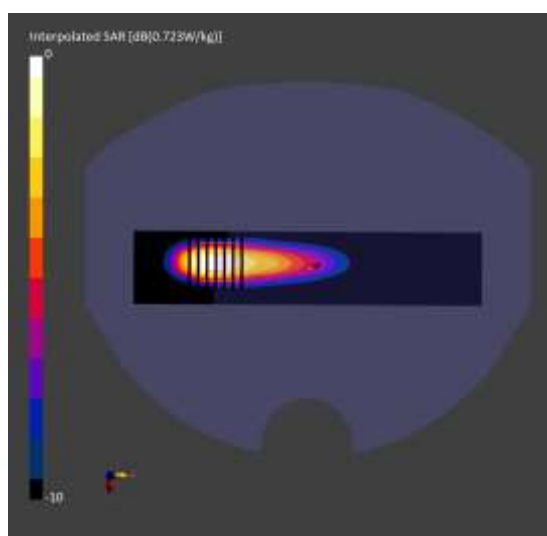
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V4.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7655, 2025-06-03	DAE4 Sn1225, 2025-02-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	42.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	7.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.544	0.545
psSAR10g [W/Kg]	0.238	0.229
Power Drift [dB]	0.06	0.01



EUT Type: Mobile Phone
 Ambient Temperature: 22.3 °C
 Liquid Temperature: 22.2 °C
 Test Date: 06/25/2025
 Band: WLAN 5GHz Body SAR_MIMO
 Plot No.: B30
 Measurement Report for Device, EDGE LEFT, WLAN 5GHz, IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), Channel 122 (5610.000 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 LEFT, 5.00	WLAN 5GHz	WLAN, 10544-AAD	5610.000, 122	5.64	5.01	36.6

Hardware Setup

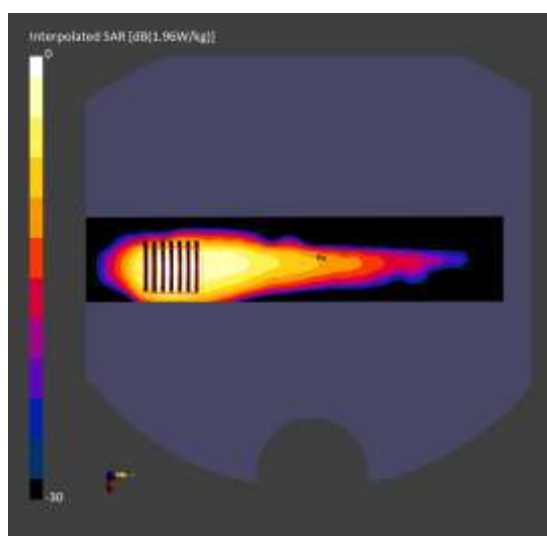
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.418	0.460
psSAR10g [W/Kg]	0.140	0.126
Power Drift [dB]	0.12	-0.06



EUT Type: Mobile Phone
Ambient Temperature: 22.2 °C
Liquid Temperature: 22.1 °C
Test Date: 07/02/2025
Band: WLAN 6GHz Body SAR_Ant.H
Plot No.: B31
Measurement Report for Device, EDGE LEFT, U-NII-5, IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle), Channel 15 (6025.000 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 LEFT, 5.00	U-NII-5	WLAN, 10743-AAC	6025.000, 15	6.25	5.58	34.6

Hardware Setup

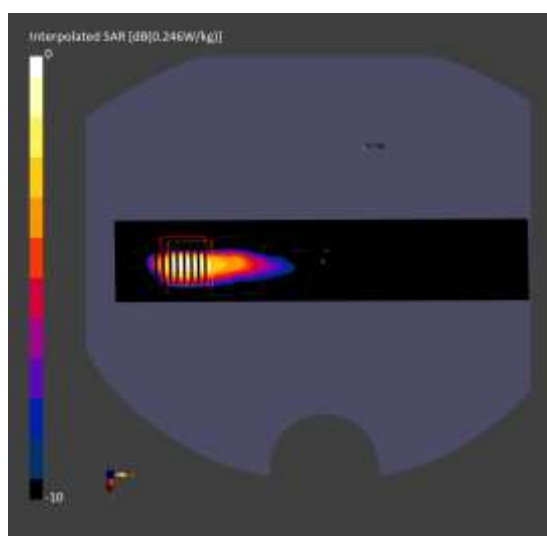
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.163	0.176
psSAR10g [W/Kg]	0.043	0.047
Power Drift [dB]	0.05	0.10



EUT Type: Mobile Phone
 Ambient Temperature: 21.5 °C
 Liquid Temperature: 21.3 °C
 Test Date: 06/15/2025
 Band: Bluetooth Body SAR_Ant.H
 Plot No.: B32
 Measurement Report for Device, EDGE LEFT, ISM 2.4 GHz Band, IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5), Channel 0 (2402.000 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 LEFT, 5.00	ISM 2.4 GHz Band	Bluetooth, 10035-CAA	2402.000, 0	6.85	1.76	38.8

Hardware Setup

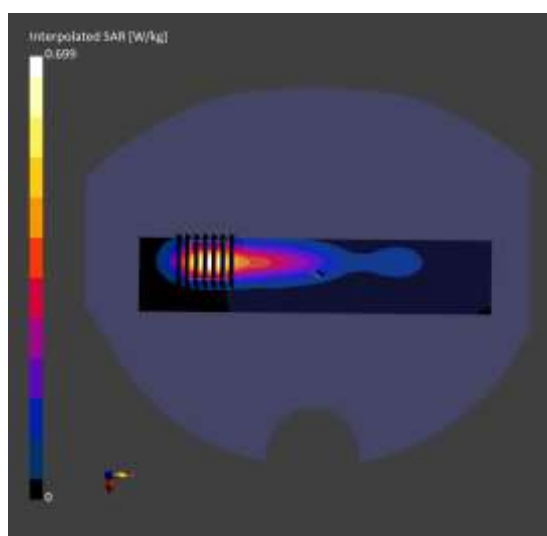
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V4.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7655, 2025-06-03	DAE4 Sn1225, 2025-02-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	42.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	7.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.317	0.319
psSAR10g [W/Kg]	0.140	0.137
Power Drift [dB]	0.12	-0.06



EUT Type: Mobile Phone
 Ambient Temperature: 21.4 °C
 Liquid Temperature: 21.3 °C
 Test Date: 06/11/2025
 Band: GSM 850 Body SAR_Ant.A
 Plot No.: C1

Measurement Report for Device, BACK, GSM 850, GPRS-FDD (TDMA, GMSK, TN 0-1-2-3), 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, 10028-DAC	836.600, 190	9.82	0.919	40.9

Hardware Setup

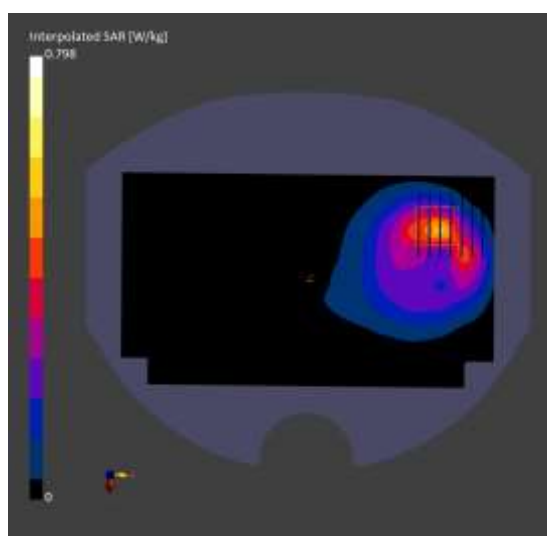
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.443	0.441
psSAR10g [W/Kg]	0.267	0.253
Power Drift [dB]	-0.10	-0.19



EUT Type: Mobile Phone
 Ambient Temperature: 22.3 °C
 Liquid Temperature: 22.2 °C
 Test Date: 06/09/2025
 Band: GSM 1900 Body SAR_Ant.A
 Plot No.: C2
 Measurement Report for Device, FRONT, PCS 1900, GPRS-FDD (TDMA, GMSK, TN 0-1-2-3), 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
Flat, Head Simulating Liquid	FRONT, 5.00	PCS 1900	GSM, 10028-DAC	1880.000, 661	8.21	1.36	39.6

Hardware Setup

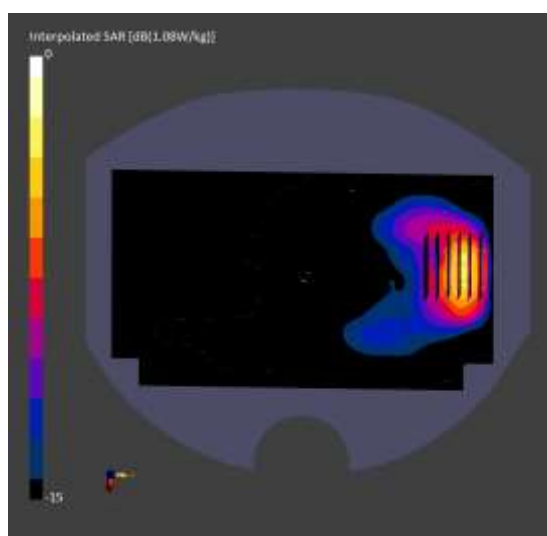
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.406	0.553
psSAR10g [W/Kg]	0.213	0.265
Power Drift [dB]	-0.18	-0.18



EUT Type: Mobile Phone
 Ambient Temperature: 21.7 °C
 Liquid Temperature: 21.6 °C
 Test Date: 06/16/2025
 Band: UMTS Band 5 Body SAR_Ant.A
 Plot No.: C3
 Measurement Report for Device, BACK, Band 5, UMTS-FDD (WCDMA), Channel 4233 (846.600 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	846.600, 4233	9.82	0.938	41.2

Hardware Setup

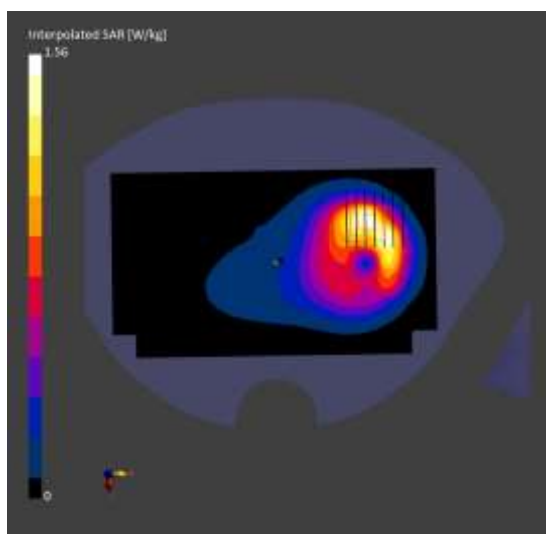
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.858	0.898
psSAR10g [W/Kg]	0.543	0.522
Power Drift [dB]	-0.08	0.05



EUT Type: Mobile Phone
 Ambient Temperature: 21.5 °C
 Liquid Temperature: 21.4 °C
 Test Date: 06/11/2025
 Band: UMTS Band 4 Body SAR_Ant.A
 Plot No.: C4
 Measurement Report for Device, FRONT, Band 4, UMTS-FDD (WCDMA), Channel 1412 (1732.400 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	FRONT, 5.00	Band 4	WCDMA, 10011-CAC	1732.400, 1412	7.96	1.36	40.7

Hardware Setup

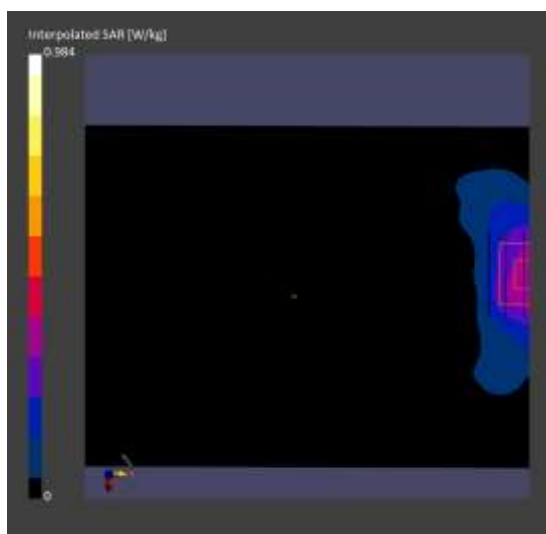
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.338	0.509
psSAR10g [W/Kg]	0.193	0.251
Power Drift [dB]	-0.16	-0.02



EUT Type: Mobile Phone
Ambient Temperature: 22.0 °C
Liquid Temperature: 21.9 °C
Test Date: 06/10/2025
Band: UMTS Band 2 Body SAR_Ant.A
Plot No.: C5
Measurement Report for Device, BACK, Band 2, UMTS-FDD (WCDMA), Channel 9400 (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
Flat, Head Simulating Liquid	BACK, 5.00	Band 2	WCDMA, 10011-CAC	1880.000, 9400	7.53	1.36	39.5

Hardware Setup

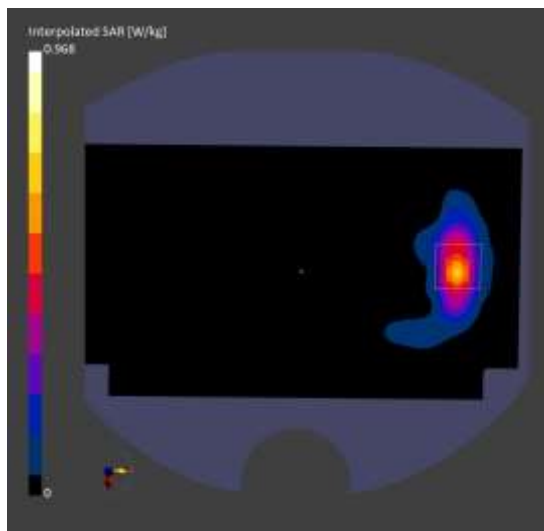
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.488	0.509
psSAR10g [W/Kg]	0.230	0.251
Power Drift [dB]	-0.11	0.01



EUT Type: Mobile Phone
 Ambient Temperature: 21.8 °C
 Liquid Temperature: 21.7 °C
 Test Date: 06/12/2025
 Band: LTE Band 7 Body SAR_Ant.B
 Plot No.: C6
 Measurement Report for Device, BACK, Band 7, LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)
 AntennaCfg:SISO, Channel 20850 (2510.000 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 7	LTE-FDD, 10297-AAE	2510.000, 20850	7.4	1.85	39.0

Hardware Setup

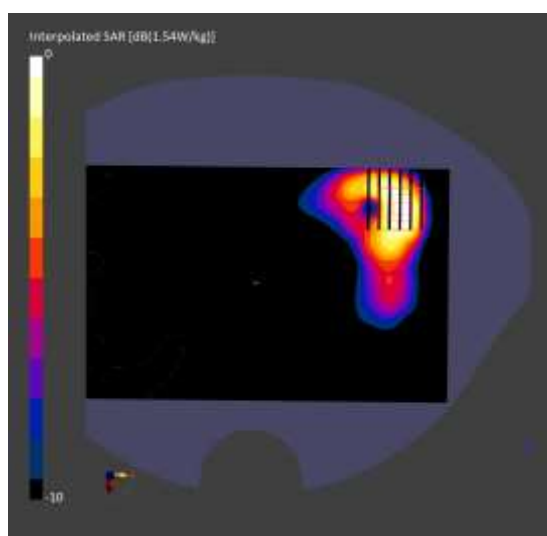
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.666	0.752
psSAR10g [W/Kg]	0.323	0.332
Power Drift [dB]	0.08	0.03



EUT Type: Mobile Phone
 Ambient Temperature: 21.5 °C
 Liquid Temperature: 21.4 °C
 Test Date: 06/03/2025
 Band: LTE Band 12 Body SAR_Ant.E
 Plot No.: C7
 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	10.22	0.858	43.3

Hardware Setup

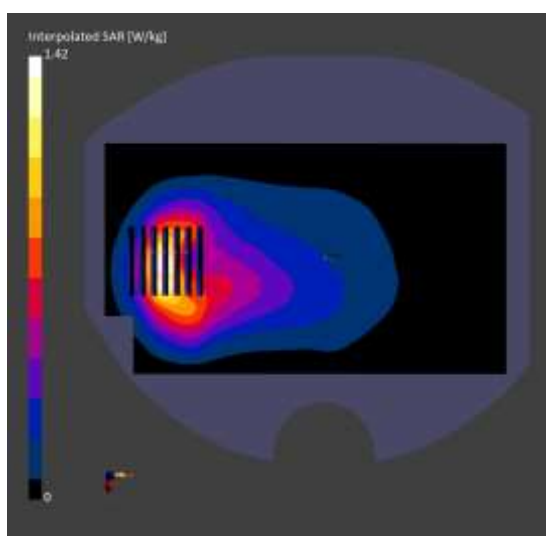
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.693	0.708
psSAR10g [W/Kg]	0.420	0.378
Power Drift [dB]	0.02	-0.10



EUT Type: Mobile Phone
 Ambient Temperature: 21.9 °C
 Liquid Temperature: 21.8 °C
 Test Date: 06/04/2025
 Band: LTE Band 13 Body SAR_Ant.A
 Plot No.: C8
 Measurement Report for Device, BACK, Band 13, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)
 RBPosition:Mid AntennaCfg:SISO, Channel 23230 (782.000 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 5.00	Band 13	LTE-FDD, 10175-CAH	782.000, 23230	10.22	0.928	42.0

Hardware Setup

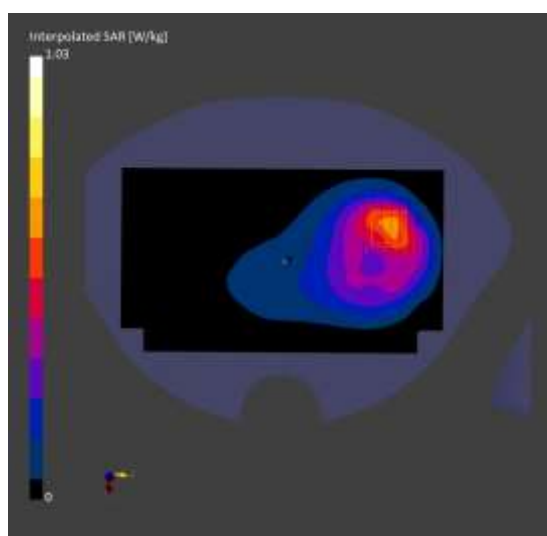
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.559	0.570
psSAR10g [W/Kg]	0.365	0.337
Power Drift [dB]	-0.06	0.01



EUT Type: Mobile Phone
 Ambient Temperature: 21.7 °C
 Liquid Temperature: 21.6 °C
 Test Date: 06/06/2025
 Band: LTE Band 14 Body SAR_Ant.A
 Plot No.: C9
 Measurement Report for Device, BACK, Band 14, LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)
 RBPosition:Mid AntennaCfg:SISO, Channel 23330 (793.000 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 14	LTE-FDD, 10154-CAH	793.000, 23330	10.22	0.940	41.8

Hardware Setup

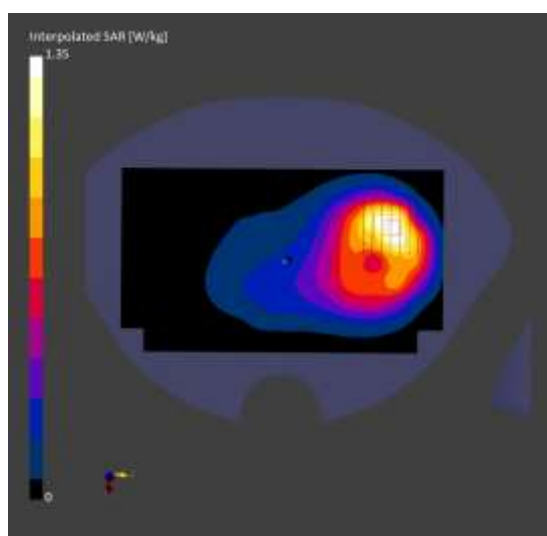
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.716	0.738
psSAR10g [W/Kg]	0.467	0.432
Power Drift [dB]	0.03	0.04



EUT Type: Mobile Phone
 Ambient Temperature: 21.8 °C
 Liquid Temperature: 21.7 °C
 Test Date: 06/09/2025
 Band: LTE Band 25 Body SAR_Ant.A
 Plot No.: C10
 Measurement Report for Device, BACK, Band 25, LTE-FDD (SC-FDMA, 50% 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	BACK, 5.00	Band 25	LTE-FDD, 10297-AAE	1882.500, 26365	7.53	1.36	39.5

Hardware Setup

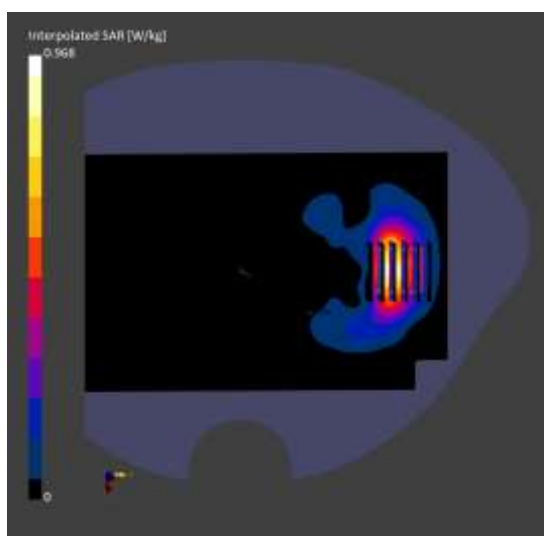
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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

Measurement Results

	Area Scan	Zoom Scan
Date	2025-06-12, 20:36	2025-06-12, 20:43
psSAR1g [W/Kg]	0.501	0.559
psSAR10g [W/Kg]	0.250	0.291
Power Drift [dB]	-0.13	0.09



EUT Type: Mobile Phone
 Ambient Temperature: 21.6 °C
 Liquid Temperature: 21.5 °C
 Test Date: 05/30/2025
 Band: LTE Band 26 Body SAR_Ant.A
 Plot No.: C11
 Measurement Report for Device, BACK, Band 26, LTE-FDD (SC-FDMA, 1 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, 10181-CAF	831.500, 26865	9.82	0.912	41.3

Hardware Setup

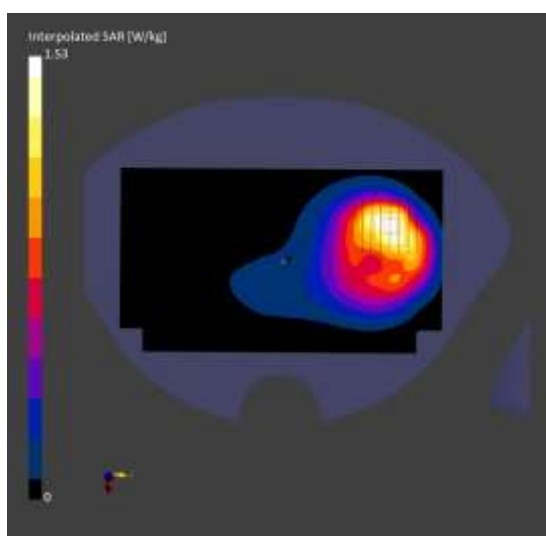
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.798	0.840
psSAR10g [W/Kg]	0.518	0.481
Power Drift [dB]	-0.02	-0.04



EUT Type: Mobile Phone
 Ambient Temperature: 21.8 °C
 Liquid Temperature: 21.7 °C
 Test Date: 06/04/2025
 Band: LTE Band 30 Body SAR_Ant.A
 Plot No.: C12

Communication System: UID 10154 - CAG, LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK); Frequency: 2310 MHz; Duty Cycle: 1:3.76184
 Medium parameters used (interpolated): $f = 2310$ MHz; $\sigma = 1.741$ S/m; $\epsilon_r = 39.541$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(4.6, 4.94, 4.93) @ 2310 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 30 Body Rear QPSK 10MHz 25RB 24offset 27710ch/Area Scan (11x19x1): Measurement grid:

dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.357 W/kg

LTE Band 30 Body Rear QPSK 10MHz 25RB 24offset 27710ch/Zoom Scan (7x7x7)/Cube 0:

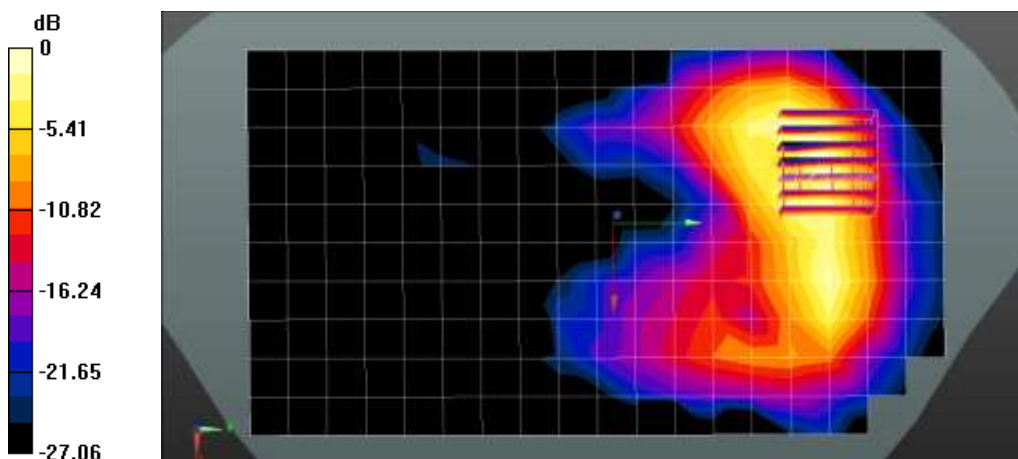
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.297 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.758 W/kg

SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.121 W/kg

Maximum value of SAR (measured) = 0.422 W/kg



0 dB = 0.422 W/kg = -3.75 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 21.7 °C
 Liquid Temperature: 21.6 °C
 Test Date: 06/03/2025
 Band: LTE Band 41 Body SAR_Ant.B
 Plot No.: C13

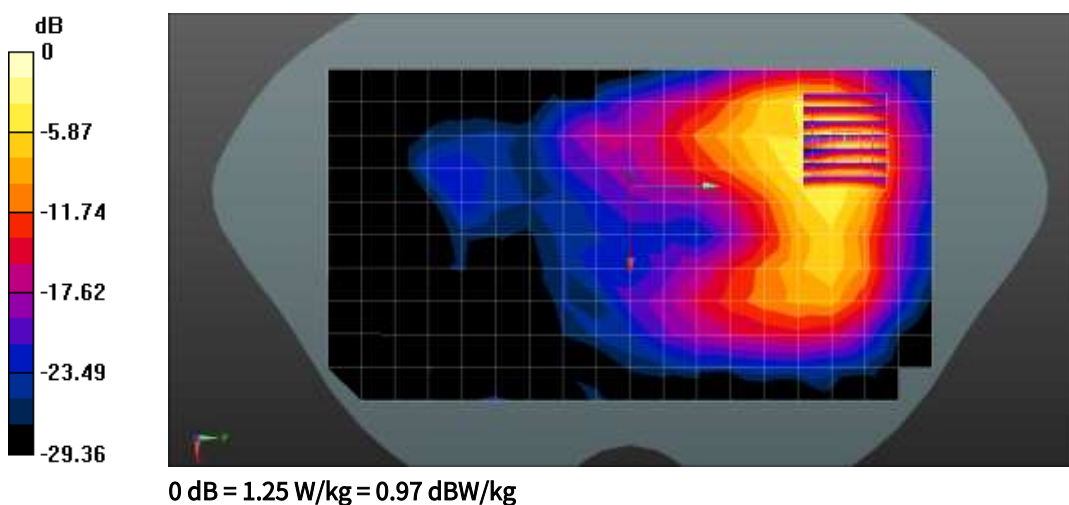
Communication System: UID 10151 - CAG, LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 2549.5 MHz; Duty Cycle: 1:8.46642
 Medium parameters used (interpolated): $f = 2550$ MHz; $\sigma = 1.878$ S/m; $\epsilon_r = 38.871$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(4.32, 4.65, 4.64) @ 2549.5 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 Body Rear QPSK 20MHz 50RB 0offset 40185ch/Area Scan (11x19x1): Measurement grid:
 dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.843 W/kg

LTE Band 41 Body Rear QPSK 20MHz 50RB 0offset 40185ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 1.972 V/m; Power Drift = 0.17 dB
 Peak SAR (extrapolated) = 2.21 W/kg
SAR(1 g) = 0.850 W/kg; SAR(10 g) = 0.348 W/kg
 Maximum value of SAR (measured) = 1.25 W/kg



EUT Type: Mobile Phone
 Ambient Temperature: 22.1 °C
 Liquid Temperature: 22.0 °C
 Test Date: 06/14/2025
 Band: LTE Band 48 Body SAR_Ant.F
 Plot No.: C14

Communication System: UID 10435 - AAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9); Frequency: 3690 MHz; Duty Cycle: 1:6.05899
 Medium parameters used (interpolated): $f = 3690$ MHz; $\sigma = 3.067$ S/m; $\epsilon_r = 38.584$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(6.43, 6.68, 6.49) @ 3690 MHz; Calibrated: 2024-07-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 48 Body Rear QPSK 20MHz 1RB 99offset 56640ch/Area Scan (101x161x1): Interpolated grid:
 $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.902 W/kg

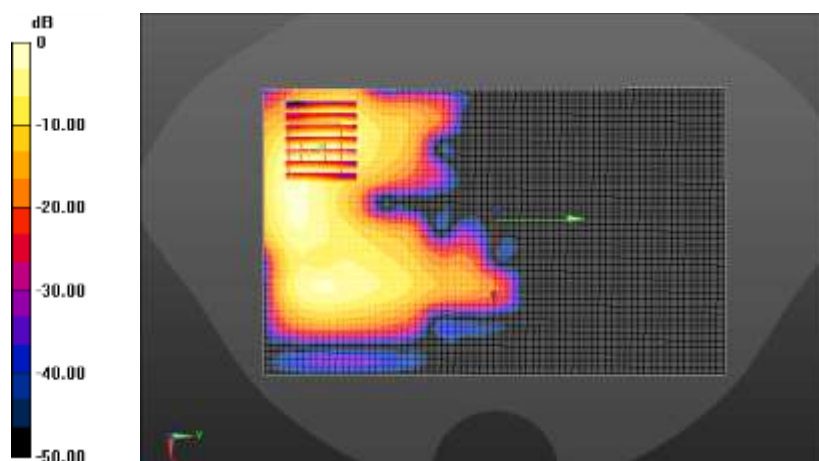
LTE Band 48 Body Rear QPSK 20MHz 1RB 99offset 56640ch/Zoom Scan (7x7x8)/Cube 0: Measurement
 grid: $dx=5$ mm, $dy=5$ mm, $dz=4$ mm

Reference Value = 0.6590 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.454 W/kg; SAR(10 g) = 0.170 W/kg

Maximum value of SAR (measured) = 0.920 W/kg



0 dB = 0.920 W/kg = -0.36 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 21.7 °C
 Liquid Temperature: 21.6 °C
 Test Date: 06/22/2025
 Band: LTE Band 66 Body SAR_Ant.A
 Plot No.: C15
 Measurement Report for Device, BACK, 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	BACK, 5.00	Band 66	LTE-FDD, 10297-AAE	1720.000, 132072	7.96	1.36	40.7

Hardware Setup

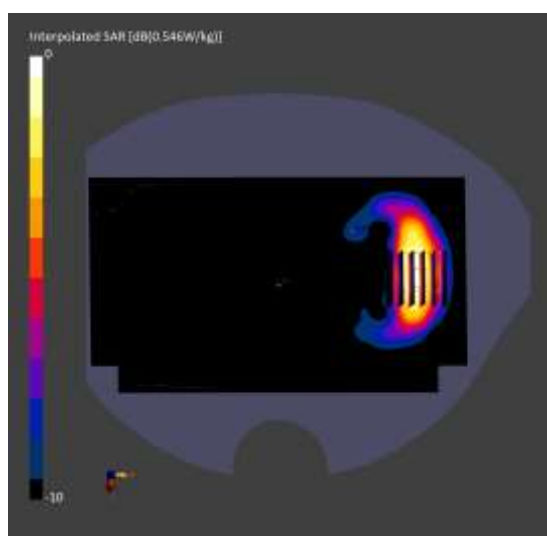
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.426	0.471
psSAR10g [W/Kg]	0.219	0.252
Power Drift [dB]	-0.17	-0.01



EUT Type: Mobile Phone
Ambient Temperature: 21.7 °C
Liquid Temperature: 21.6 °C
Test Date: 05/28/2025
Band: LTE Band 71 Body SAR_Ant.A
Plot No.: C16
Measurement Report for Device, BACK, Band 71, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)
RBPosition:Low AntennaCfg:SISO, Channel 133297 (680.500 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 5.00	Band 71	LTE-FDD, 10169-CAF	680.500, 133297	10.22	0.870	42.5

Hardware Setup

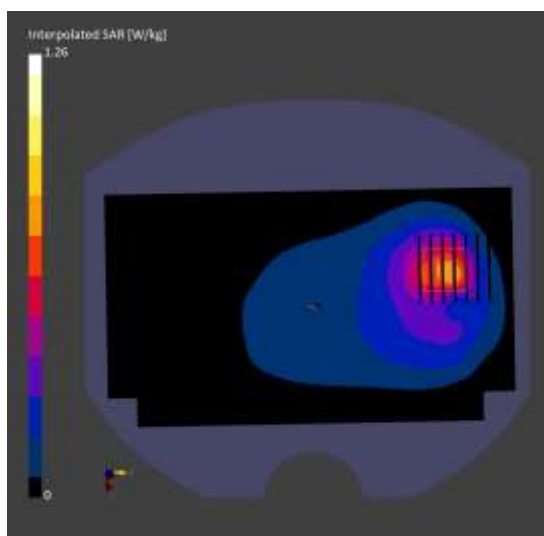
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.704	0.679
psSAR10g [W/Kg]	0.440	0.374
Power Drift [dB]	-0.06	0.00



EUT Type: Mobile Phone
 Ambient Temperature: 22.2 °C
 Liquid Temperature: 22.1 °C
 Test Date: 06/19/2025
 Band: NR Band n7 Body SAR_Ant.B
 Plot No.: C17
 Measurement Report for Device, BACK, Band n7, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)
 AntennaCfg:SISO, Channel 507000 (2535.000 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 n7	5G NR FR1 FDD, 10934-AAC	2535.000, 507000	7.68	1.89	39.1

Hardware Setup

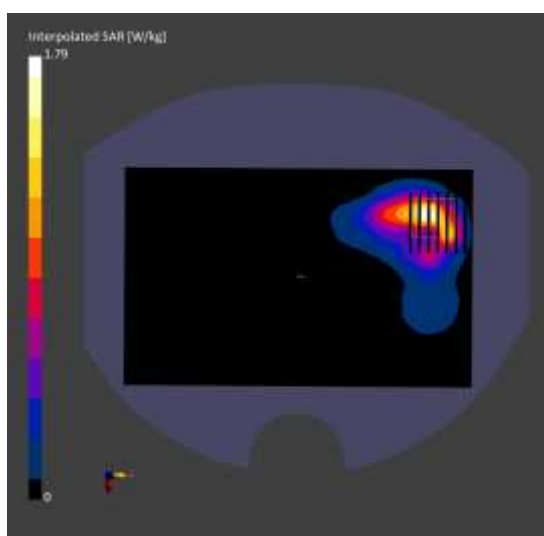
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.711	0.783
psSAR10g [W/Kg]	0.318	0.325
Power Drift [dB]	-0.12	0.16



EUT Type: Mobile Phone
 Ambient Temperature: 22.4 °C
 Liquid Temperature: 22.3 °C
 Test Date: 06/02/2025
 Band: NR Band n12 Body SAR_Ant.A
 Plot No.: C18

Communication System: UID 10946 - AAC, 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz);
 Frequency: 707.5 MHz; Duty Cycle: 1:3.82913
 Medium parameters used (interpolated): $f = 707.5 \text{ MHz}$; $\sigma = 0.919 \text{ S/m}$; $\epsilon_r = 41.807$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(9.16, 9.45, 9.24) @ 707.5 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- Phantom: SAM_Right_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band 12 Body Rear DFT-s QPSK 15MHz 75RB 0offset 141500ch/Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.826 W/kg

NR Band 12 Body Rear DFT-s QPSK 15MHz 75RB 0offset 141500ch/Zoom Scan (5x5x7)/Cube 0:

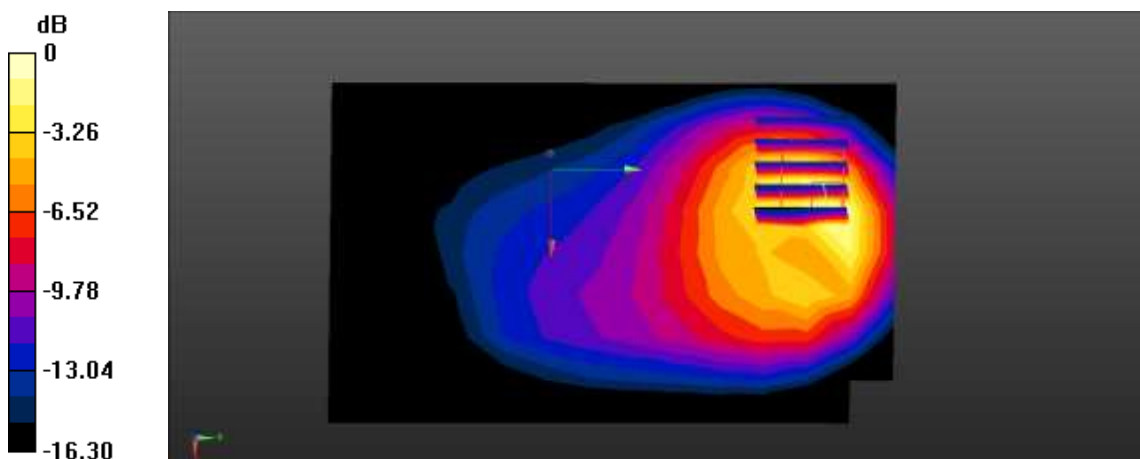
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.54 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.754 W/kg; SAR(10 g) = 0.402 W/kg

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



0 dB = 1.25 W/kg = 0.97 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 22.6 °C
 Liquid Temperature: 22.5 °C
 Test Date: 06/04/2025
 Band: NR Band n14 Body SAR_Ant.A
 Plot No.: C19

Communication System: UID 10929 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz);
 Frequency: 793 MHz; Duty Cycle: 1:3.56205
 Medium parameters used (interpolated): $f = 793 \text{ MHz}$; $\sigma = 0.903 \text{ S/m}$; $\epsilon_r = 40.597$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(9.16, 9.45, 9.24) @ 793 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- Phantom: SAM_Right_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band 14 Body Rear CP QPSK 10MHz 1RB 1offset 158600ch/Area Scan (9x15x1): Measurement grid:

$dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.803 W/kg

NR Band 14 Body Rear CP QPSK 10MHz 1RB 1offset 158600ch/Zoom Scan (5x5x7)/Cube 0:

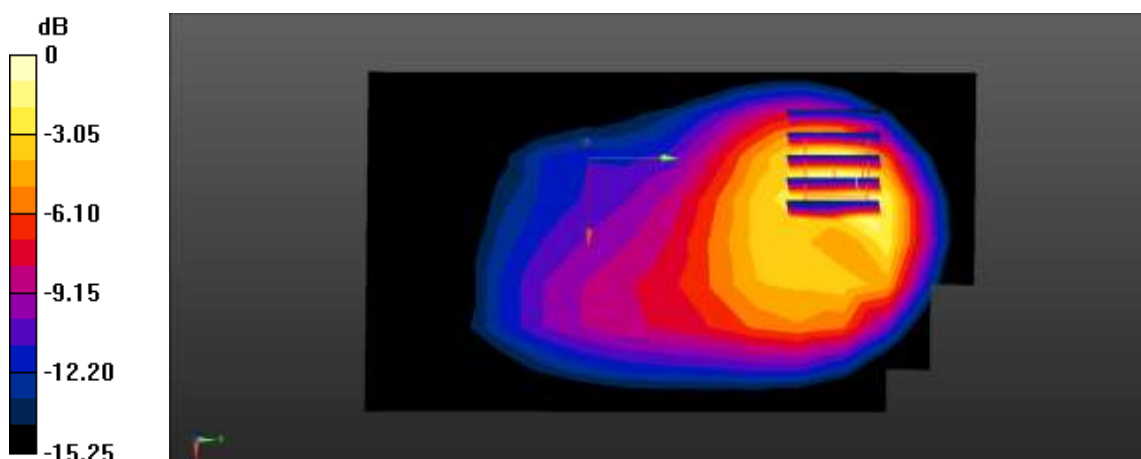
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.13 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.672 W/kg; SAR(10 g) = 0.380 W/kg

Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg = 0.17 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 21.9 °C
 Liquid Temperature: 21.8 °C
 Test Date: 06/25/2025
 Band: NR Band n25 Body SAR_Ant.A
 Plot No.: C20
 Measurement Report for Device, BACK, Band n25, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)
 RBPosition:Mid AntennaCfg:SISO, Channel 376500 (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	BACK, 5.00	Band n25	5G NR FR1 FDD, 10934-AAC	1882.500, 376500	7.53	1.36	39.8

Hardware Setup

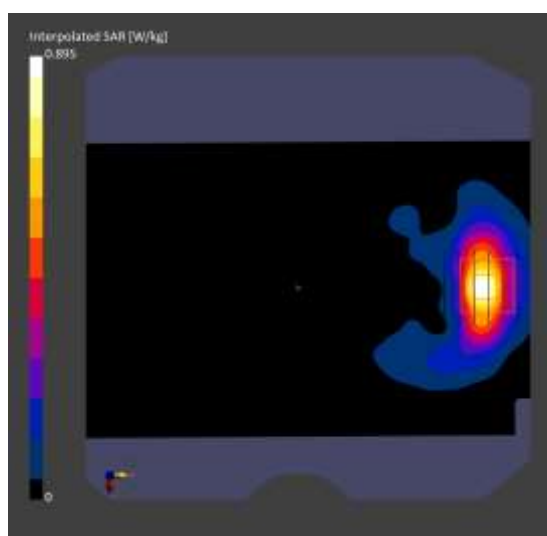
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.456	0.488
psSAR10g [W/Kg]	0.220	0.246
Power Drift [dB]	-0.04	-0.18



EUT Type: Mobile Phone
 Ambient Temperature: 22.6 °C
 Liquid Temperature: 22.5 °C
 Test Date: 06/06/2025
 Band: NR Band n26 Body SAR_Ant.A
 Plot No.: C21

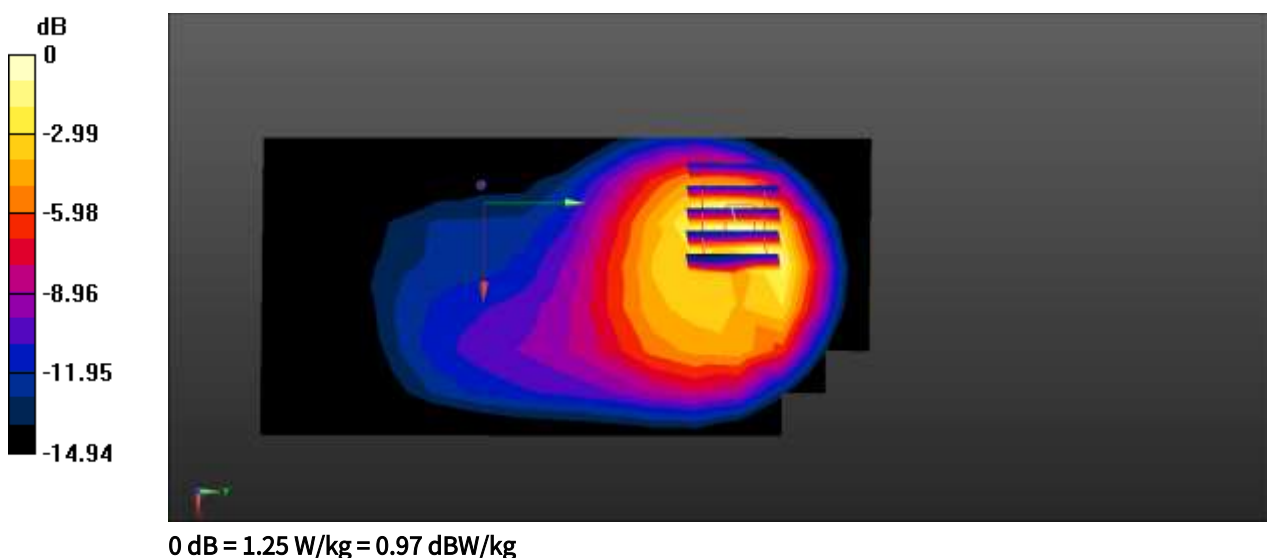
Communication System: UID 10947 - AAC, 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz);
 Frequency: 831.5 MHz; Duty Cycle: 1:3.86456
 Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.918$ S/m; $\epsilon_r = 40.71$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(8.83, 9.11, 8.9) @ 831.5 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- Phantom: SAM_Right_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band 26 Body Rear DFT-s QPSK 20MHz 100RB offset 166300ch/Area Scan (8x15x1): Measurement
 grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 1.27 W/kg

NR Band 26 Body Rear DFT-s QPSK 20MHz 100RB offset 166300ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 9.740 V/m; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 0.823 W/kg; SAR(10 g) = 0.452 W/kg
 Maximum value of SAR (measured) = 1.25 W/kg



EUT Type: Mobile Phone
 Ambient Temperature: 22.9 °C
 Liquid Temperature: 22.7 °C
 Test Date: 06/20/2025
 Band: NR Band n30 Body SAR_Ant.A
 Plot No.: C22
 Measurement Report for Device, BACK, Band n30, 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)
 RBPosition:Mid AntennaCfg:SISO, Channel 462000 (2310.000 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 n30	5G NR FR1 FDD, 10929-AAD	2310.000, 462000	7.64	1.65	40.1

Hardware Setup

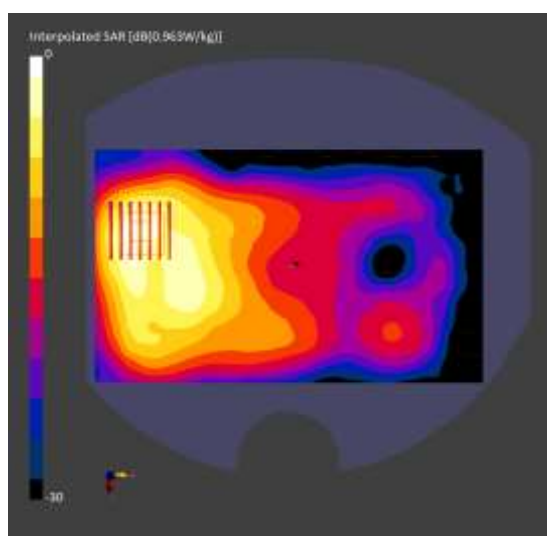
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.484	0.481
psSAR10g [W/Kg]	0.229	0.232
Power Drift [dB]	-0.14	-0.15



EUT Type: Mobile Phone
 Ambient Temperature: 21.5 °C
 Liquid Temperature: 21.4 °C
 Test Date: 06/04/2025
 Band: NR Band n41 Body SAR_Ant.D
 Plot No.: C23
 Measurement Report for Device, BACK, Band n41, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)
 RBPosition:Mid AntennaCfg:SISO, Channel 518598 (2592.990 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 n41	5G NR FR1 TDD, 10866-AAF	2592.990, 518598	7.4	1.94	38.7

Hardware Setup

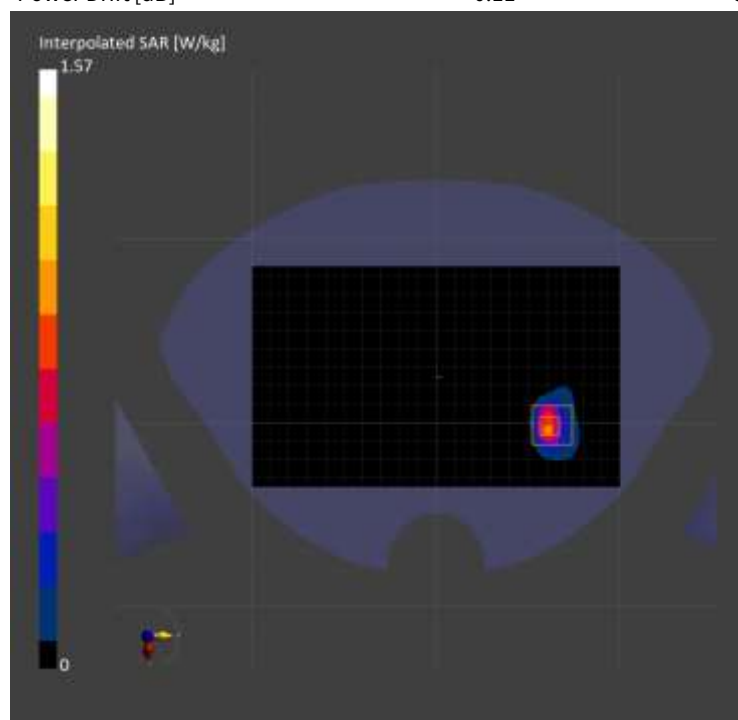
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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]	0.660	0.749
psSAR10g [W/Kg]	0.244	0.265
Power Drift [dB]	-0.11	0.14



EUT Type: Mobile Phone
 Ambient Temperature: 22.6 °C
 Liquid Temperature: 22.5 °C
 Test Date: 06/26/2025
 Band: NR Band n48 Body SAR_Ant.D
 Plot No.: C24

Communication System: UID 10903 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz);
 Frequency: 3624.99 MHz; Duty Cycle: 1:3.69999
 Medium parameters used (interpolated): $f = 3624.99$ MHz; $\sigma = 3.069$ S/m; $\epsilon_r = 37.895$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(7.28, 7.21, 7.69) @ 3624.99 MHz; Calibrated: 2025-06-02
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

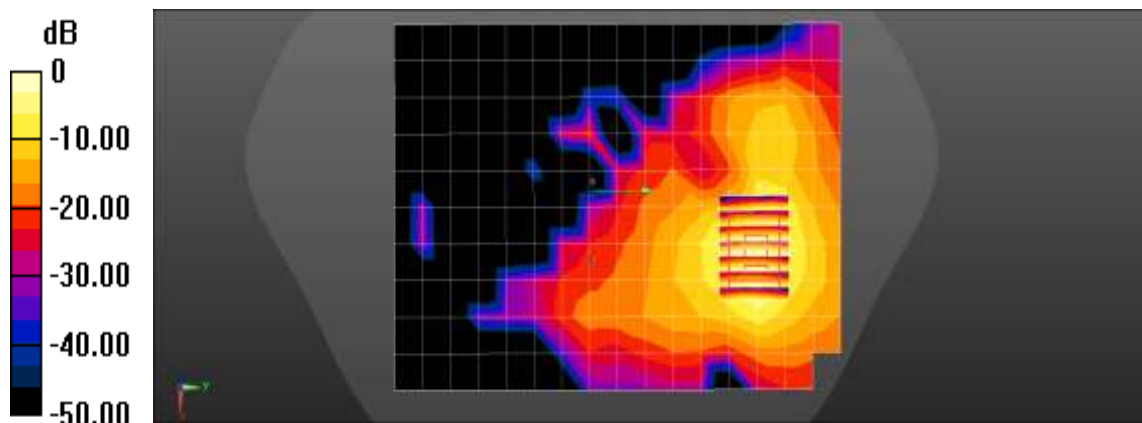
NR Band n48 Body Rear DFT-s QPSK 40MHz 1RB 53offset 641666ch/Area Scan (11x17x1):

Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 1.12 W/kg

NR Band n48 Body Rear DFT-s QPSK 40MHz 1RB 53offset 641666ch/Zoom Scan (7x7x8)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 1.119 V/m; Power Drift = 0.13 dB
 Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 0.615 W/kg; SAR(10 g) = 0.225 W/kg
 Maximum value of SAR (measured) = 1.16 W/kg

$$0 \text{ dB} = 1.16 \text{ W/kg} = 0.64 \text{ dBW/kg}$$



EUT Type: Mobile Phone
Ambient Temperature: 21.3 °C
Liquid Temperature: 21.2 °C
Test Date: 06/06/2025
Band: NR Band n66 Body SAR_Ant.F
Plot No.: C25
Measurement Report for Device, BACK, Band n66, 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) AntennaCfg:SISO, Channel 349000 (1745.000 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 n66	5G NR FR1 FDD, 10942-AAC	1745.000, 349000	7.96	1.33	41.2

Hardware Setup

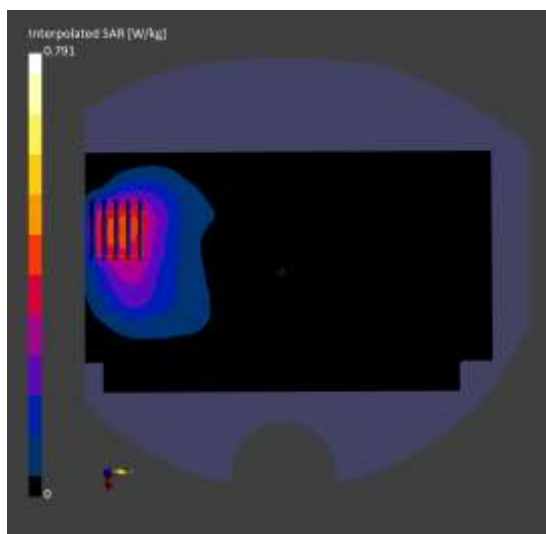
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.373	0.438
psSAR10g [W/Kg]	0.223	0.246
Power Drift [dB]	0.06	-0.01



EUT Type: Mobile Phone
 Ambient Temperature: 22.9 °C
 Liquid Temperature: 22.8 °C
 Test Date: 06/16/2025
 Band: NR Band n70 Body SAR_Ant.A
 Plot No.: C26

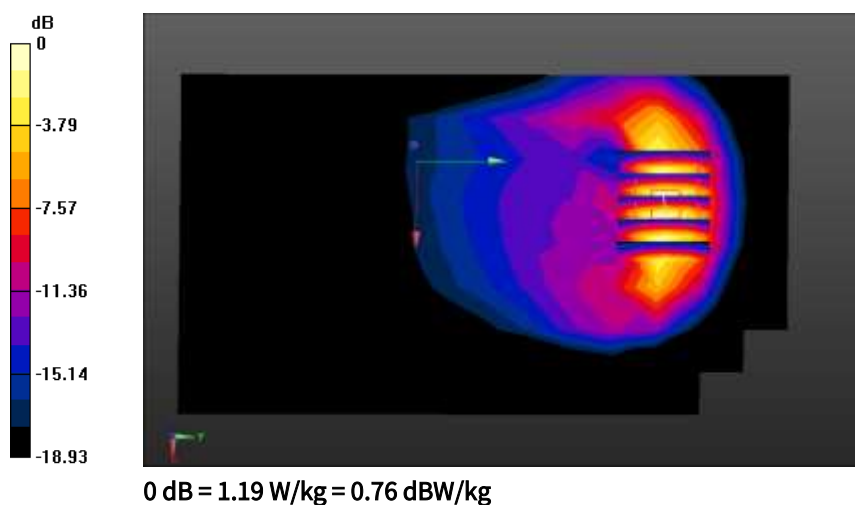
Communication System: UID 10930 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz);
 Frequency: 1702.5 MHz; Duty Cycle: 1:3.56205
 Medium parameters used (interpolated): $f = 1702.5$ MHz; $\sigma = 1.329$ S/m; $\epsilon_r = 40.839$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(7.25, 8.18, 7.93) @ 1702.5 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)

NR Band 70 Body Rear DFT-s QPSK 15MHz 1RB 77offset 340500ch/Area Scan (9x15x1): Measurement
 grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 1.09 W/kg

NR Band 70 Body Rear DFT-s QPSK 15MHz 1RB 77offset 340500ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 4.794 V/m; Power Drift = 0.10 dB
 Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.766 W/kg; SAR(10 g) = 0.389 W/kg
 Maximum value of SAR (measured) = 1.19 W/kg



EUT Type: Mobile Phone
 Ambient Temperature: 22.5 °C
 Liquid Temperature: 22.4 °C
 Test Date: 06/12/2025
 Band: NR Band n71 Body SAR_Ant.A
 Plot No.: C27

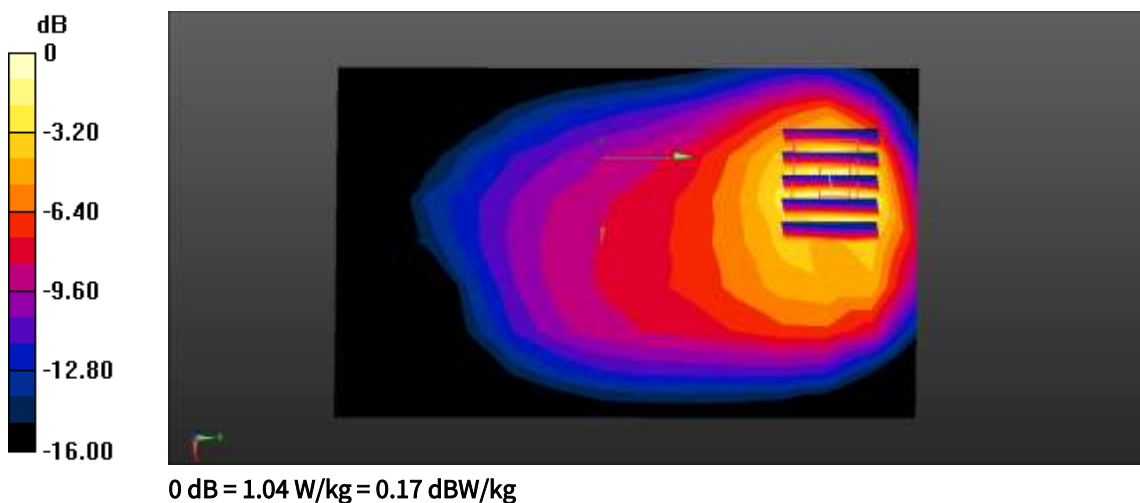
Communication System: UID 10939 - AAC, 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz);
 Frequency: 680.5 MHz; Duty Cycle: 1:3.81768
 Medium parameters used (interpolated): $f = 680.5 \text{ MHz}$; $\sigma = 0.87 \text{ S/m}$; $\epsilon_r = 42.642$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(9.16, 9.45, 9.24) @ 680.5 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- Phantom: SAM_Right_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band 71 Body Rear DFT-s QPSK 20MHz 50RB 28offset 136100ch/Area Scan (9x14x1): Measurement
 grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.973 W/kg

NR Band 71 Body Rear DFT-s QPSK 20MHz 50RB 28offset 136100ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 14.44 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.694 W/kg; SAR(10 g) = 0.382 W/kg
 Maximum value of SAR (measured) = 1.04 W/kg



EUT Type: Mobile Phone
 Ambient Temperature: 22.6 °C
 Liquid Temperature: 22.5 °C
 Test Date: 06/28/2025
 Band: NR Band n77 Body SAR_Ant.F
 Plot No.: C28

Communication System: UID 10917 - AAD, 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz);
 Frequency: 3750 MHz; Duty Cycle: 1:3.93007
 Medium parameters used (interpolated): $f = 3750$ MHz; $\sigma = 3.144$ S/m; $\epsilon_r = 37.601$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

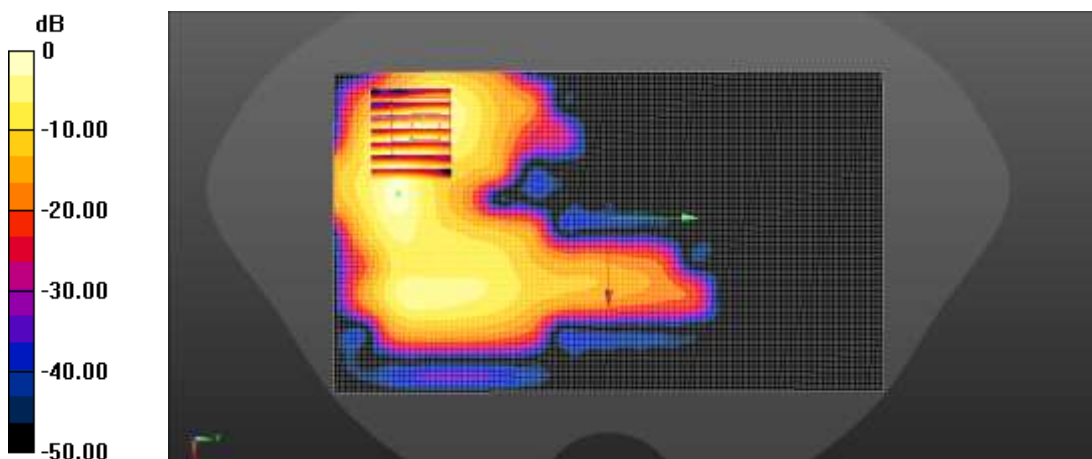
- Probe: EX3DV4 - SN3903; ConvF(6.43, 6.68, 6.49) @ 3750 MHz; Calibrated: 2024-07-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band 77 Body Rear DFT-s QPSK 100MHz 135RB 138offset 650000ch/Area Scan (101x171x1):

Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
 Maximum value of SAR (interpolated) = 1.08 W/kg

NR Band 77 Body Rear DFT-s QPSK 100MHz 135RB 138offset 650000ch/Zoom Scan (7x7x8)/Cube 0:

Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=4$ mm
 Reference Value = 1.668 V/m; Power Drift = -0.19 dB
 Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 0.569 W/kg; SAR(10 g) = 0.199 W/kg
 Maximum value of SAR (measured) = 1.19 W/kg



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

EUT Type: Mobile Phone
 Ambient Temperature: 21.0 °C
 Liquid Temperature: 20.9 °C
 Test Date: 06/17/2025
 Band: WLAN 2.4GHz Body SAR_MIMO
 Plot No.: C29
 Measurement Report for Device, BACK, WLAN 2.4GHz, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps),
 Channel 1 (2412.000 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	WLAN 2.4GHz	WLAN, 10012-CAB	2412.000, 1	6.85	1.80	39.6

Hardware Setup

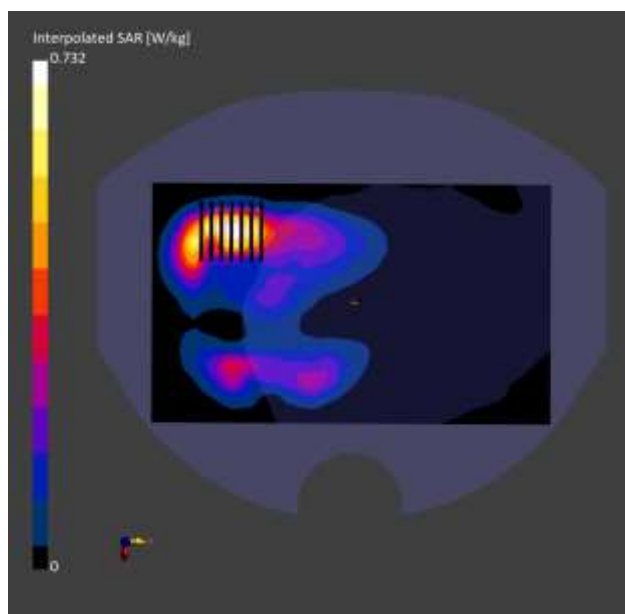
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V4.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7655, 2025-06-03	DAE4 Sn1225, 2025-02-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.321	0.344
psSAR10g [W/Kg]	0.153	0.149
Power Drift [dB]	-0.17	0.12



EUT Type: Mobile Phone
Ambient Temperature: 22.3 °C
Liquid Temperature: 22.2 °C
Test Date: 06/25/2025
Band: WLAN 5GHz Body SAR_MIMO
Plot No.: C30
Measurement Report for Device, BACK, WLAN 5GHz, IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), Channel 58 (5290.000 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	WLAN 5GHz	WLAN, 10544-AAD	5290.000, 58	6.0	4.72	36.6

Hardware Setup

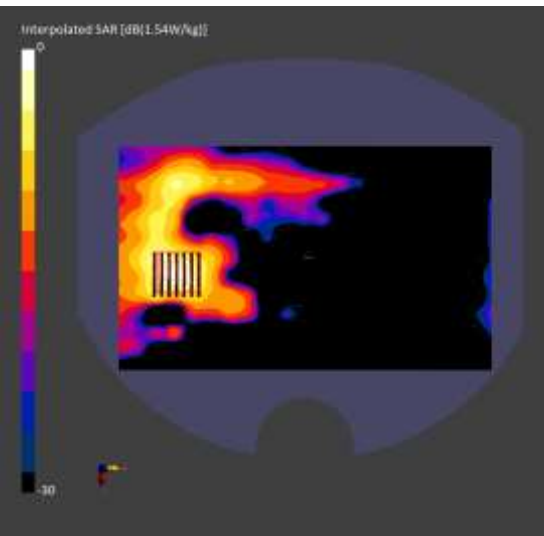
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.330	0.344
psSAR10g [W/Kg]	0.102	0.091
Power Drift [dB]	0.14	0.09



EUT Type: Mobile Phone
 Ambient Temperature: 22.2 °C
 Liquid Temperature: 22.1 °C
 Test Date: 07/02/2025
 Band: WLAN 6GHz Body SAR_Ant.H
 Plot No.: C31
 Measurement Report for Device, BACK, U-NII-5, IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle), Channel 47 (6185.000 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	U-NII-5	WLAN, 10743-AAC	6185.000, 47	6.25	5.71	34.6

Hardware Setup

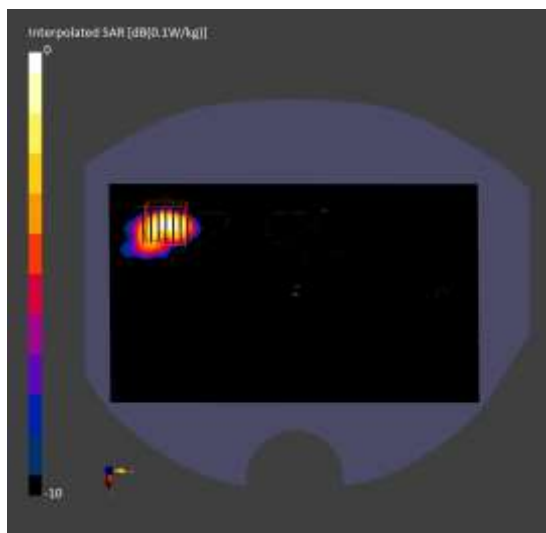
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.062	0.075
psSAR8g [W/Kg]	0.022	0.026
psSAR10g [W/Kg]	0.019	0.023
Power Drift [dB]	0.03	-0.19



EUT Type: Mobile Phone
 Ambient Temperature: 21.5 °C
 Liquid Temperature: 21.3 °C
 Test Date: 06/15/2025
 Band: Bluetooth Body SAR_Ant.H
 Plot No.: C32
 Measurement Report for Device, BACK, ISM 2.4 GHz Band, IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5), Channel 0 (2402.000 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	ISM 2.4 GHz Band	Bluetooth, 10035-CAA	2402.000, 0	6.85	1.76	38.8

Hardware Setup

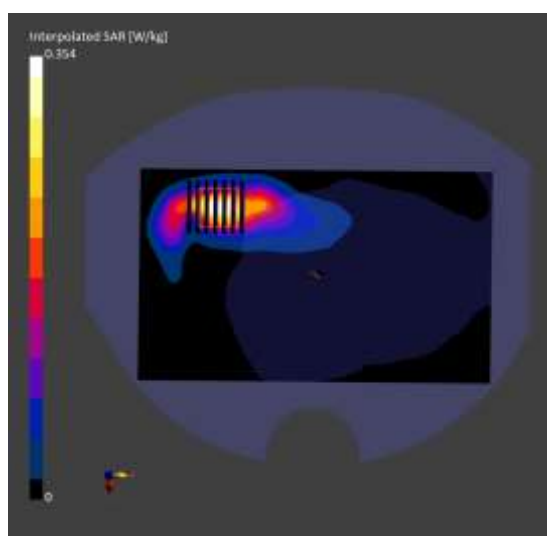
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V4.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7655, 2025-06-03	DAE4 Sn1225, 2025-02-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.163	0.171
psSAR10g [W/Kg]	0.077	0.077
Power Drift [dB]	0.10	-0.10



EUT Type: Mobile Phone
 Ambient Temperature: 22.5 °C
 Liquid Temperature: 22.4 °C
 Test Date: 06/28/2025
 Band: NFC Phablet SAR
 Plot No.: D1

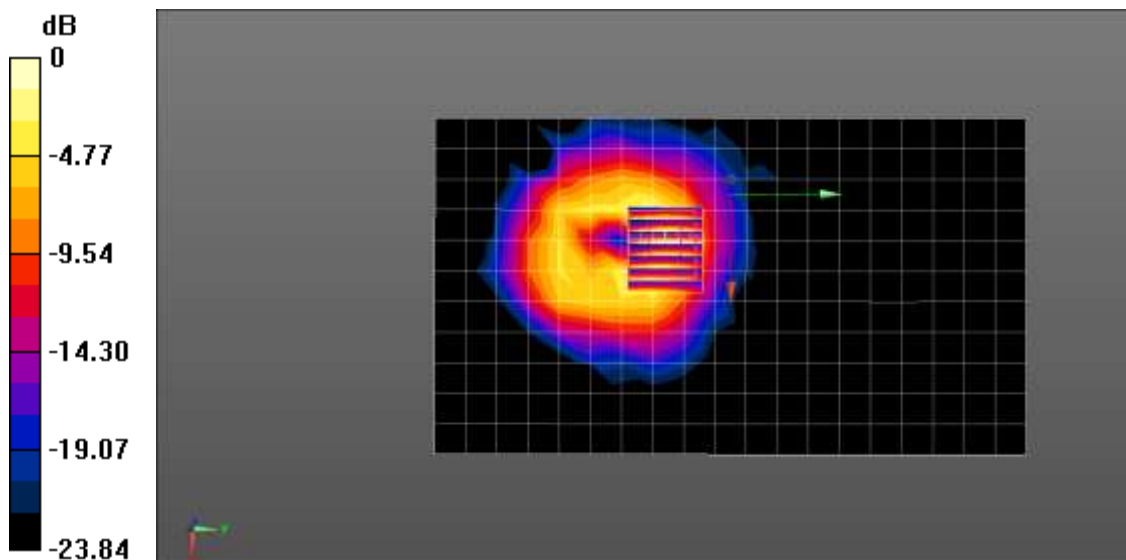
Communication System: UID 0, NFC (0); Frequency: 13.56 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 14 \text{ MHz}$; $\sigma = 0.749 \text{ S/m}$; $\epsilon_r = 54.208$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

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 B 106kbps/Area Scan (12x20x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
 Maximum value of SAR (measured) = 0.0580 W/kg

NFC Phablet Rear Type B 106kbps/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
 Reference Value = 1.182 V/m; Power Drift = 0.12 dB
 Peak SAR (extrapolated) = 0.272 W/kg
 SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.018 W/kg
 Maximum value of SAR (measured) = 0.0740 W/kg



0 dB = 0.0740 W/kg = -11.31 dBW/kg

EUT Type: Mobile Phone
Ambient Temperature: 21.9 °C
Liquid Temperature: 21.8 °C
Test Date: 2025/07/01
Band: 6E Head
Plot No.: E1
Measurement Report for Device, CHEEK, U-NII-5, IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle), Channel 15 (6025.000 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	CHEEK, 0.00	U-NII-5	WLAN, 10743-AAC	6025.000, 15	6.25	5.55	34.9

Hardware Setup

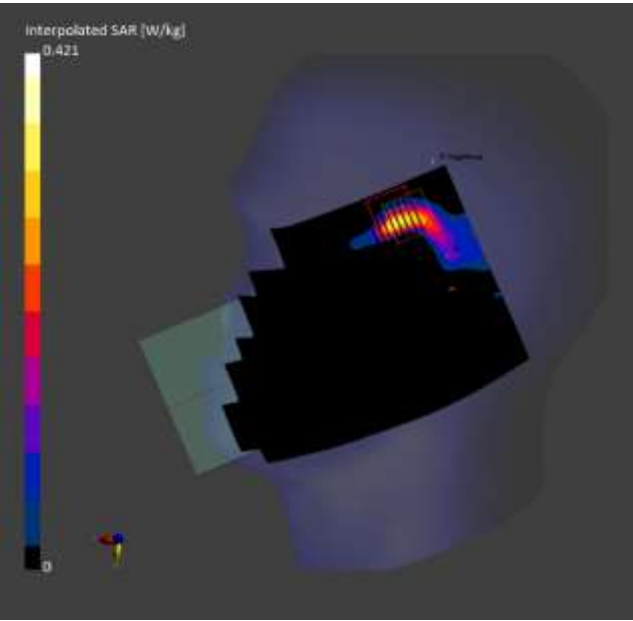
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.050	0.073
psSAR10g [W/kg]	0.014	0.016
psAPD (1.0cm2, sq) [W/m2]		0.726
psAPD (4.0cm2, sq) [W/m2]		0.379
Power Drift [dB]	-0.02	0.03



EUT Type: Mobile Phone
Ambient Temperature: 22.2 °C
Liquid Temperature: 22.1 °C
Test Date: 2025/07/02
Band: 6E Body
Plot No.: E2
Measurement Report for Device, BACK, U-NII-5, IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle), Channel 47 (6185.000 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	U-NII-5	WLAN, 10743-AAC	6185.000, 47	6.25	5.71	34.6

Hardware Setup

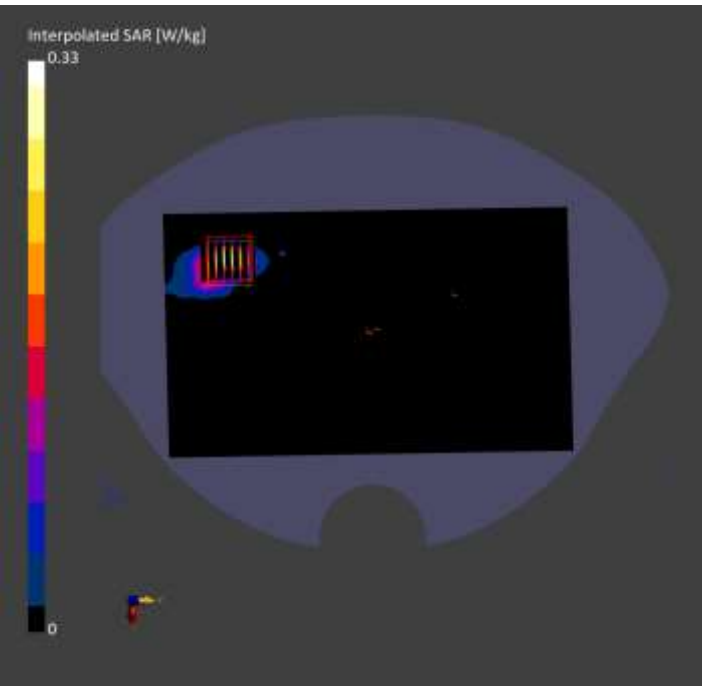
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 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]	0.062	0.075
psSAR10g [W/kg]	0.019	0.023
psAPD (1.0cm2, sq) [W/m2]		0.750
psAPD (4.0cm2, sq) [W/m2]		0.528
Power Drift [dB]	0.13	-0.19



EUT Type: Mobile Phone
Ambient Temperature: 22.2 °C
Liquid Temperature: 22.1 °C
Test Date: 2025/07/02
Band: 6E Body
Plot No.: E3
Measurement Report for Device, EDGE LEFT, U-NII-5, IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle), Channel 15 (6025.000 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 LEFT, 5.00	U-NII-5	WLAN, 10743-AAC	6025.000, 15	6.25	5.58	34.6

Hardware Setup

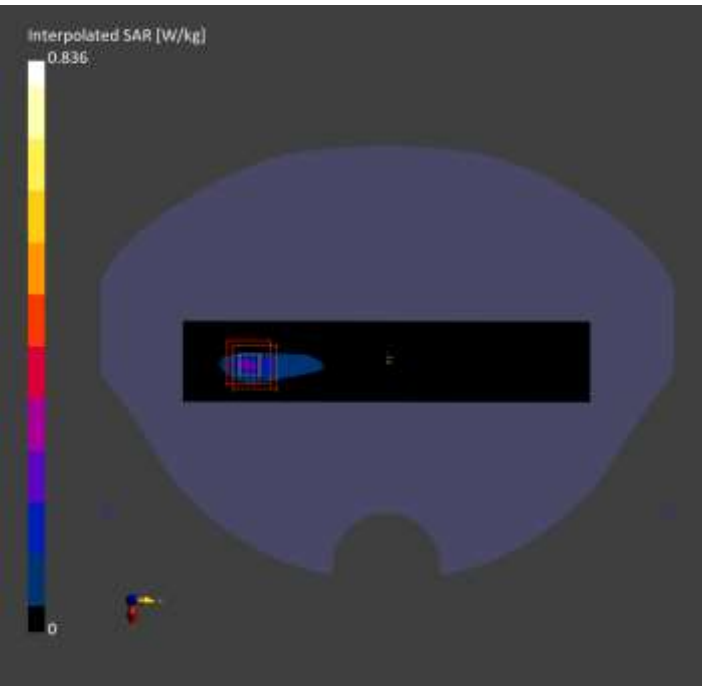
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 200.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	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]	0.163	0.176
psSAR10g [W/kg]	0.043	0.047
psAPD (1.0cm2, sq) [W/m2]		1.76
psAPD (4.0cm2, sq) [W/m2]		1.09
Power Drift [dB]	0.01	0.03



EUT Type: Mobile Phone
Ambient Temperature: 22.2 °C
Liquid Temperature: 22.1 °C
Test Date: 2025/07/02
Band: 6E Body
Plot No.: E4

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

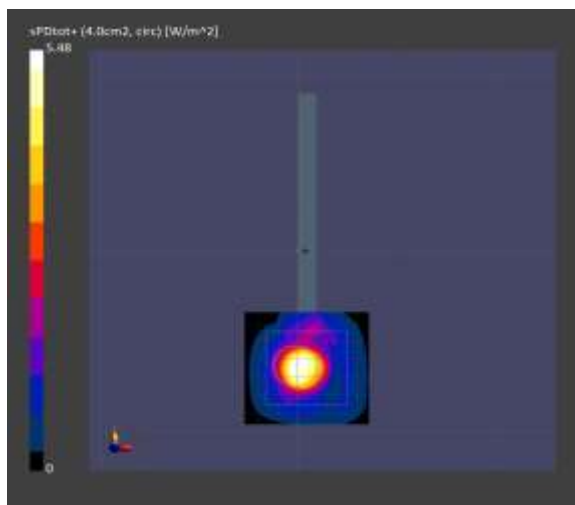
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - Air -		EUmmWV4 - SN9464_F1-55GHz, 2025-02-24	DAE4 Sn1254, 2025-05-21

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]	2.84
psPDtot+ [W/m ²]	5.48
E _{max} [V/m]	99.5
Power Drift [dB]	0.12



Appendix C. – Dipole Verification Plots

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.7 °C
 Test Date: 2025/06/02
 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	10.22	0.907	42.6

Hardware Setup

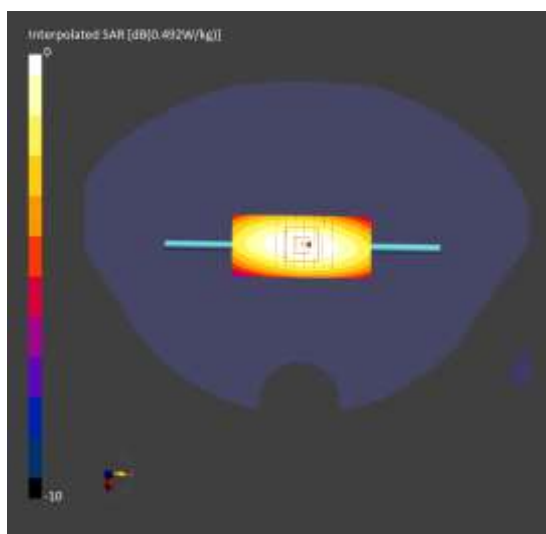
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.426	0.426
psSAR10g [W/Kg]	0.284	0.287
Power Drift [dB]	0.01	-0.00



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.4 °C
 Test Date: 2025/06/03
 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	10.22	0.874	43.1

Hardware Setup

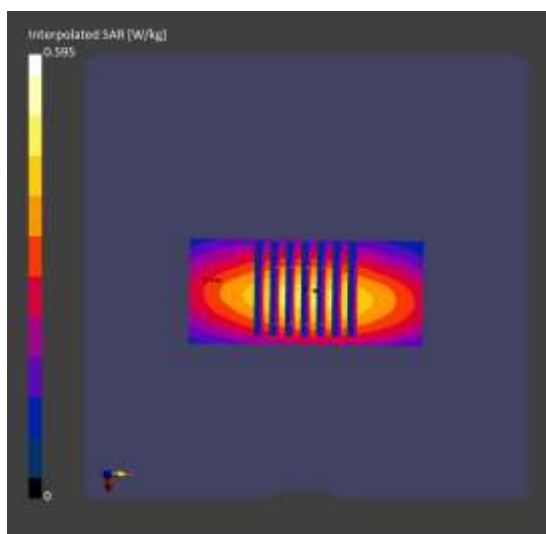
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.420	0.416
psSAR10g [W/Kg]	0.280	0.280
Power Drift [dB]	0.00	0.03



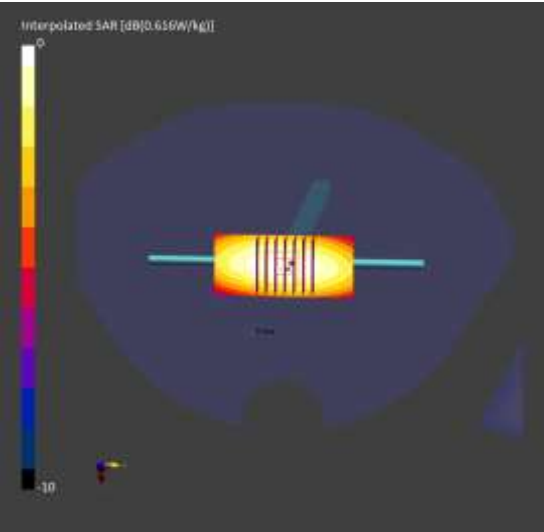
Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 21.8 °C
Test Date: 2025/06/04
Band: LTE Band 13 Ant.A
Plot No.: V3
Measurement Report for Device, , , CW, Channel 0 (750.000 MHz)

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	10.22	0.906	42.4

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

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

Measurement Results		
	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.429	0.427
psSAR10g [W/Kg]	0.286	0.288
Power Drift [dB]	0.00	0.02



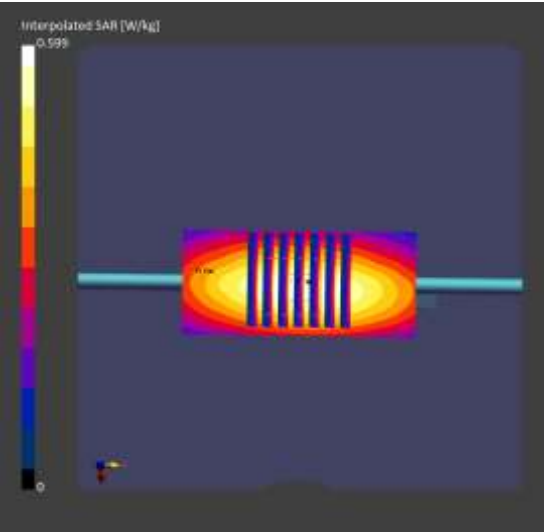
Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 21.7 °C
Test Date: 2025/06/05
Band: LTE Band 13 Ant.E
Plot No.: V4
Measurement Report for Device, , , CW, Channel 0 (750.000 MHz)

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	10.22	0.872	42.4

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

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

Measurement Results		
	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.423	0.419
psSAR10g [W/Kg]	0.282	0.282
Power Drift [dB]	0.01	-0.01



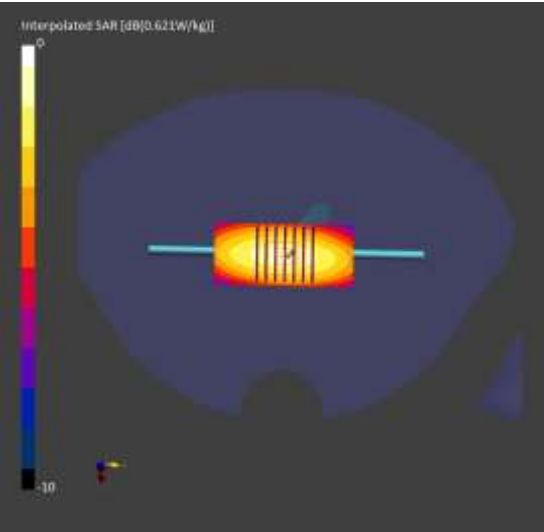
Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 21.6 °C
Test Date: 2025/06/06
Band: LTE Band 14 Ant.A
Plot No.: V5
Measurement Report for Device, , , CW, Channel 0 (750.000 MHz)

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	10.22	0.905	42.4

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

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

Measurement Results		
	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.430	0.427
psSAR10g [W/Kg]	0.286	0.287
Power Drift [dB]	0.02	-0.00



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.7 °C
 Test Date: 2025/06/13
 Band: LTE Band 14 Ant.E
 Plot No.: V6
 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	10.22	0.876	42.7

Hardware Setup

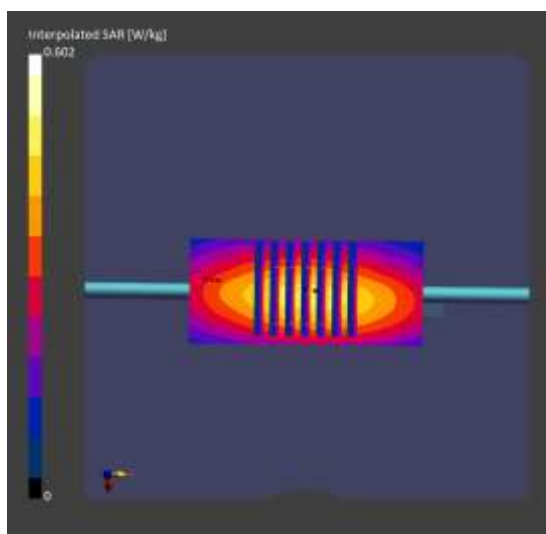
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.425	0.421
psSAR10g [W/Kg]	0.284	0.283
Power Drift [dB]	0.01	0.01



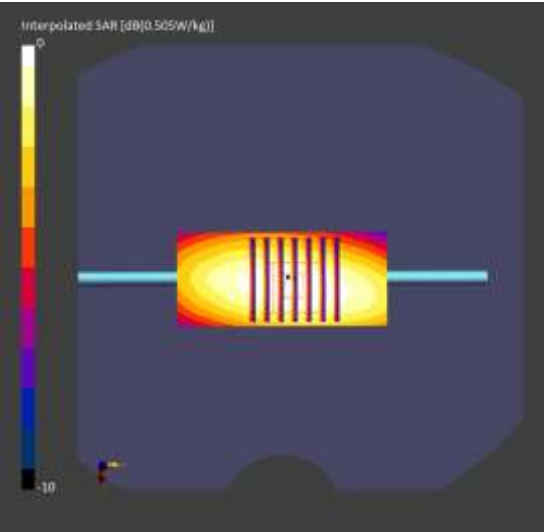
Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 21.6 °C
Test Date: 2025/05/28
Band: LTE Band 71 Ant.A
Plot No.: V7
Measurement Report for Device, , , CW, Channel 0 (750.000 MHz)

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	10.22	0.920	41.7

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

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

Measurement Results		
	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.440	0.440
psSAR10g [W/Kg]	0.294	0.295
Power Drift [dB]	0.01	-0.00



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.6 °C
 Test Date: 2025/05/21
 Band: LTE Band 71 Ant.E
 Plot No.: V8
 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	10.22	0.877	42.7

Hardware Setup

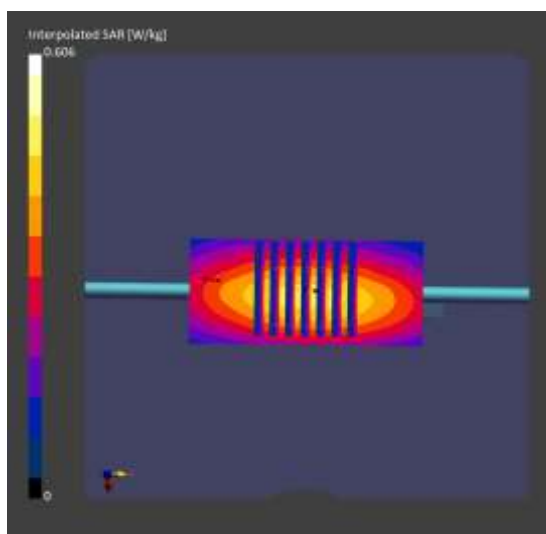
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.427	0.422
psSAR10g [W/Kg]	0.284	0.284
Power Drift [dB]	-0.01	-0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.3 °C
 Test Date: 2025/06/11
 Band: GSM Band 850 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	9.82	0.918	40.9

Hardware Setup

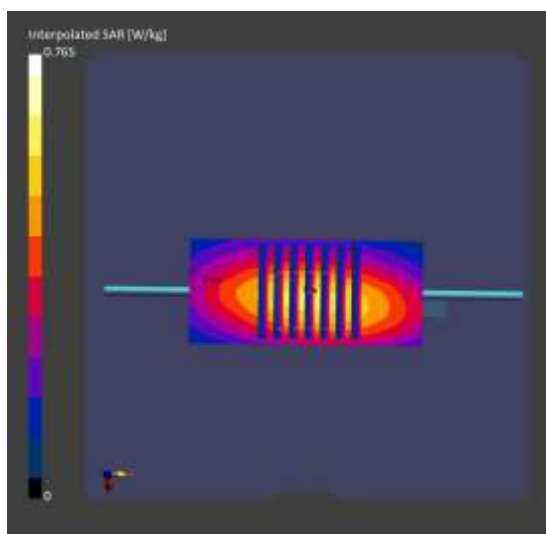
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.531	0.525
psSAR10g [W/Kg]	0.351	0.351
Power Drift [dB]	0.00	-0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.6 °C
 Test Date: 2025/06/10
 Band: GSM Band 850 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	9.82	0.920	41.9

Hardware Setup

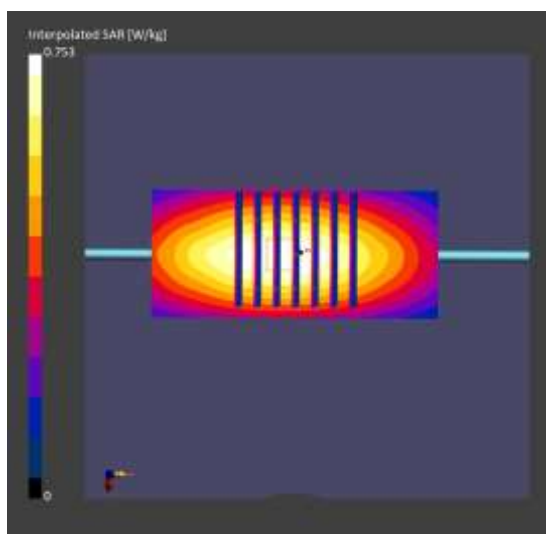
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.523	0.507
psSAR10g [W/Kg]	0.346	0.337
Power Drift [dB]	-0.16	-0.15



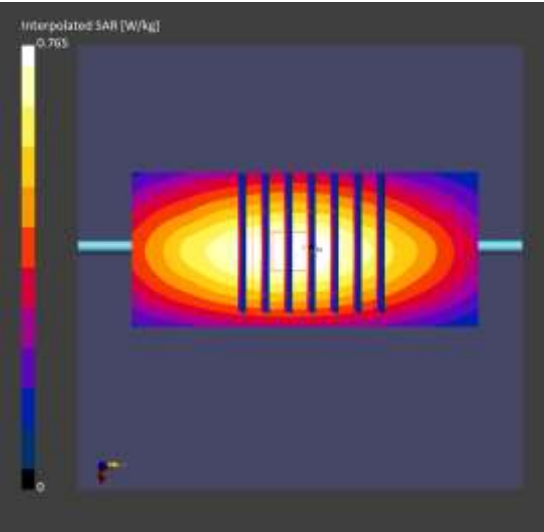
Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 21.6 °C
Test Date: 2025/06/16
Band: UMTS Band 5 Ant.A
Plot No.: V11
Measurement Report for Device, , , CW, Channel 0 (835.000 MHz)

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	9.82	0.932	41.2

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

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

Measurement Results		
	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.521	0.514
psSAR10g [W/Kg]	0.342	0.341
Power Drift [dB]	-0.01	-0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.9 °C
 Test Date: 2025/06/12
 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	9.82	0.934	42.2

Hardware Setup

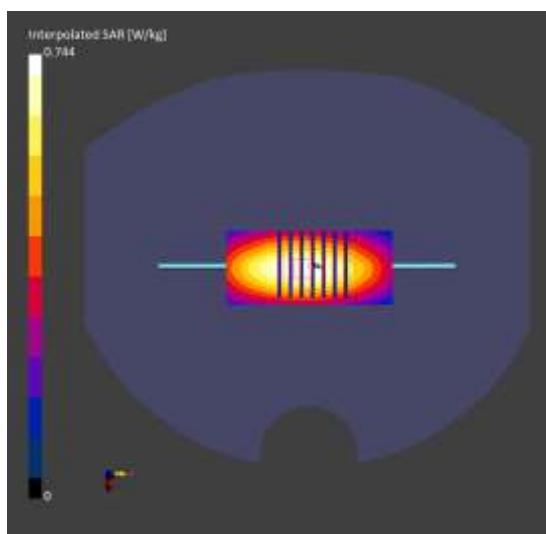
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.517	0.514
psSAR10g [W/Kg]	0.340	0.342
Power Drift [dB]	0.00	0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.5 °C
 Test Date: 2025/05/30
 Band: LTE Band 26 Ant.A
 Plot No.: V13
 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	9.82	0.915	41.3

Hardware Setup

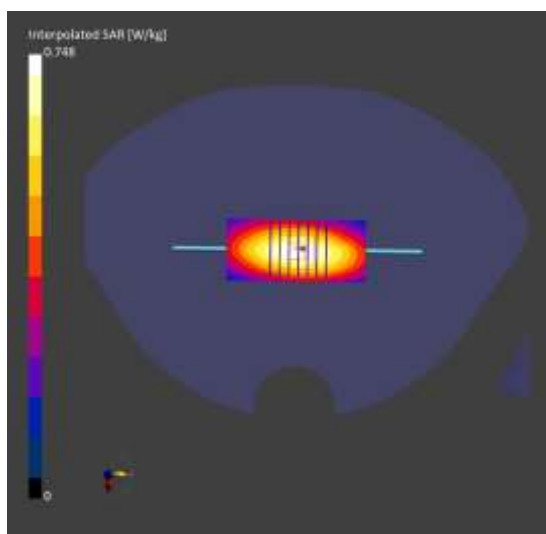
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.525	0.520
psSAR10g [W/Kg]	0.345	0.349
Power Drift [dB]	0.00	0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.6 °C
 Test Date: 2025/05/29
 Band: LTE Band 26 Ant.E
 Plot No.: V14
 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	9.82	0.916	42.4

Hardware Setup

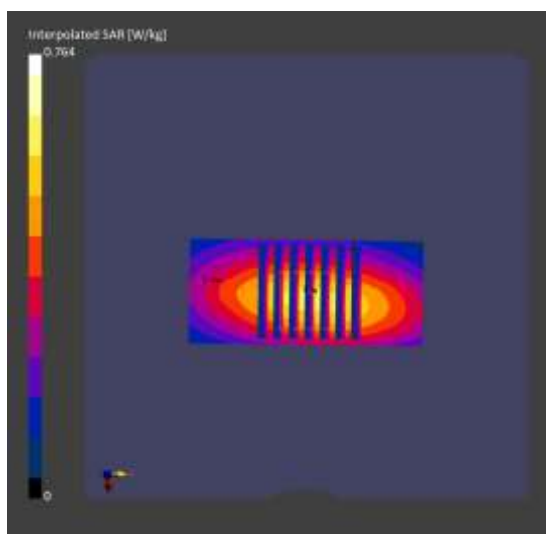
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.529	0.524
psSAR10g [W/Kg]	0.350	0.350
Power Drift [dB]	0.00	-0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.4 °C
 Test Date: 2025/06/11
 Band: UMTS Band 4 Ant.A
 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	7.96	1.41	40.6

Hardware Setup

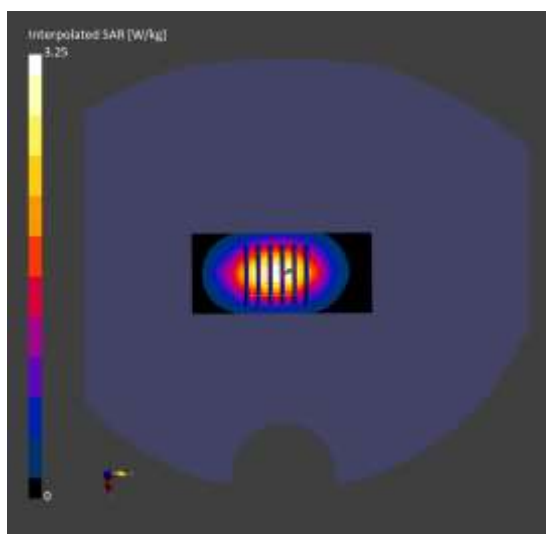
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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]	1.95	1.99
psSAR10g [W/Kg]	1.04	1.11
Power Drift [dB]	0.01	-0.00



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.5 °C
 Test Date: 2025/06/28
 Band: LTE Band 66 Ant.A Head
 Plot No.: V16

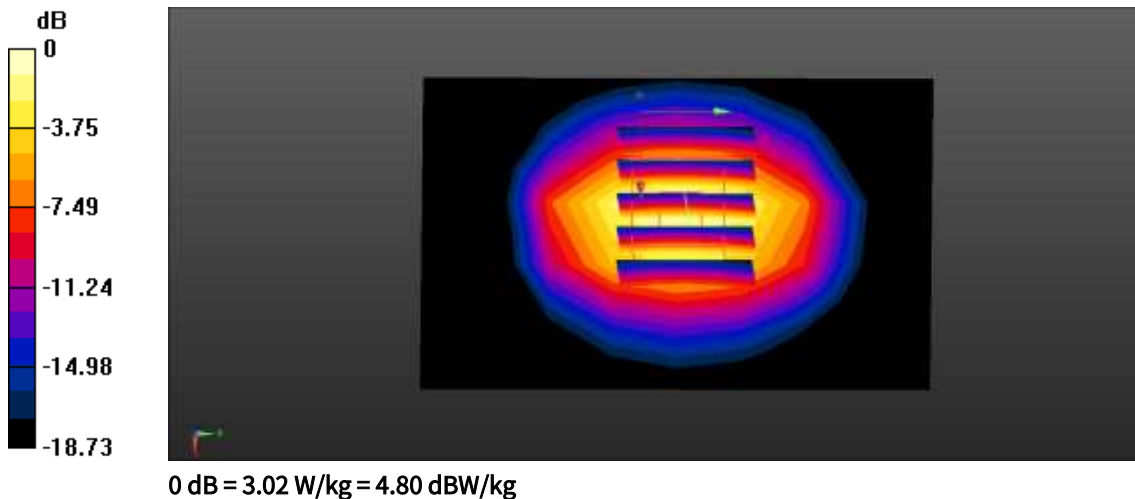
Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1800 \text{ MHz}$; $\sigma = 1.406 \text{ S/m}$; $\epsilon_r = 40.383$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

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) = 2.65 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 = 46.98 V/m; Power Drift = 0.10 dB
 Peak SAR (extrapolated) = 3.57 W/kg
SAR(1 g) = 1.94 W/kg; SAR(10 g) = 1 W/kg
 Maximum value of SAR (measured) = 3.02 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.6 °C
 Test Date: 2025/06/22
 Band: LTE Band 66 Ant.A Body
 Plot No.: V17
 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	7.96	1.41	40.6

Hardware Setup

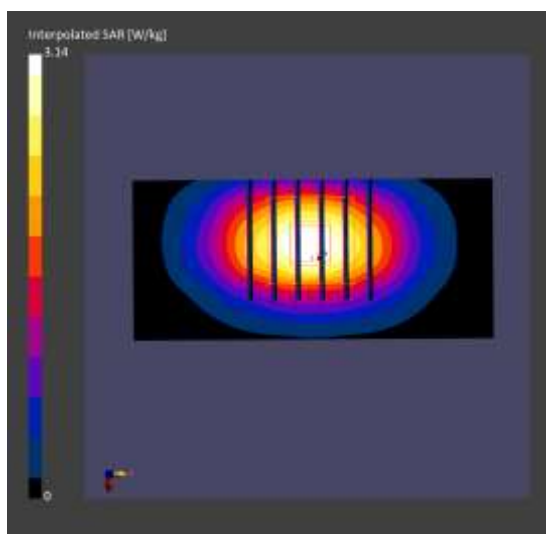
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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]	1.84	1.93
psSAR10g [W/Kg]	1.01	1.08
Power Drift [dB]	0.00	0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.2 °C
 Test Date: 2025/06/13
 Band: LTE Band 66 Ant.F
 Plot No.: V18
 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	7.96	1.42	40.7

Hardware Setup

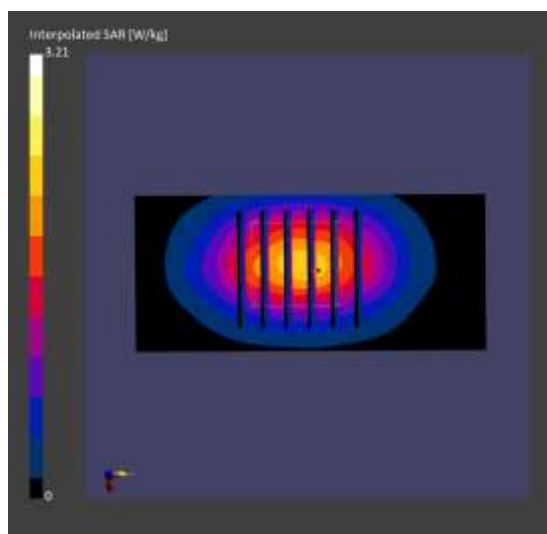
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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]	1.88	1.95
psSAR10g [W/Kg]	1.02	1.09
Power Drift [dB]	-0.01	-0.02



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.6 °C
 Test Date: 2025/07/08
 Band: GSM Band 1900 Ant.A Head
 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	7.53	1.39	39.0

Hardware Setup

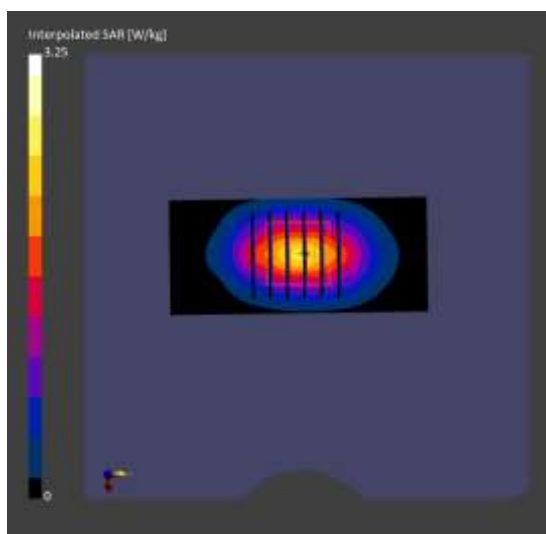
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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]	1.97	1.86
psSAR10g [W/Kg]	1.01	0.978
Power Drift [dB]	-0.11	-0.12



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.2 °C
 Test Date: 2025/06/09
 Band: GSM Band 1900 Ant.A Body
 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	8.21	1.37	39.3

Hardware Setup

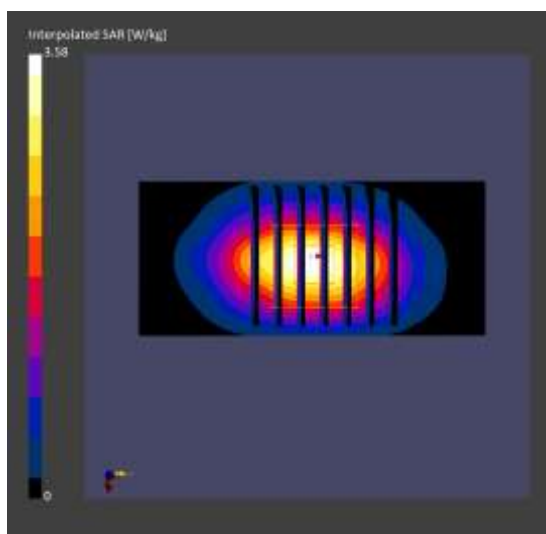
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.08	2.05
psSAR10g [W/Kg]	1.08	1.09
Power Drift [dB]	0.02	0.00



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.9 °C
 Test Date: 2025/06/10
 Band: UMTS Band 2 Ant.A
 Plot No.: V21
 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	7.53	1.38	38.9

Hardware Setup

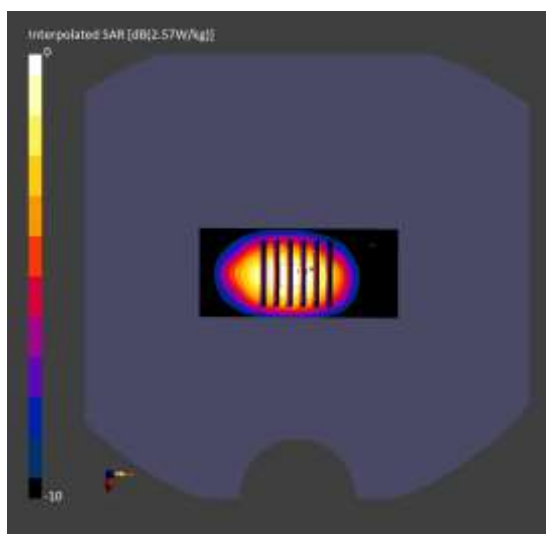
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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]	2.09	2.13
psSAR10g [W/Kg]	1.10	1.18
Power Drift [dB]	-0.01	0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.7 °C
 Test Date: 2025/06/27
 Band: LTE Band 25 Ant.A Head
 Plot No.: V22

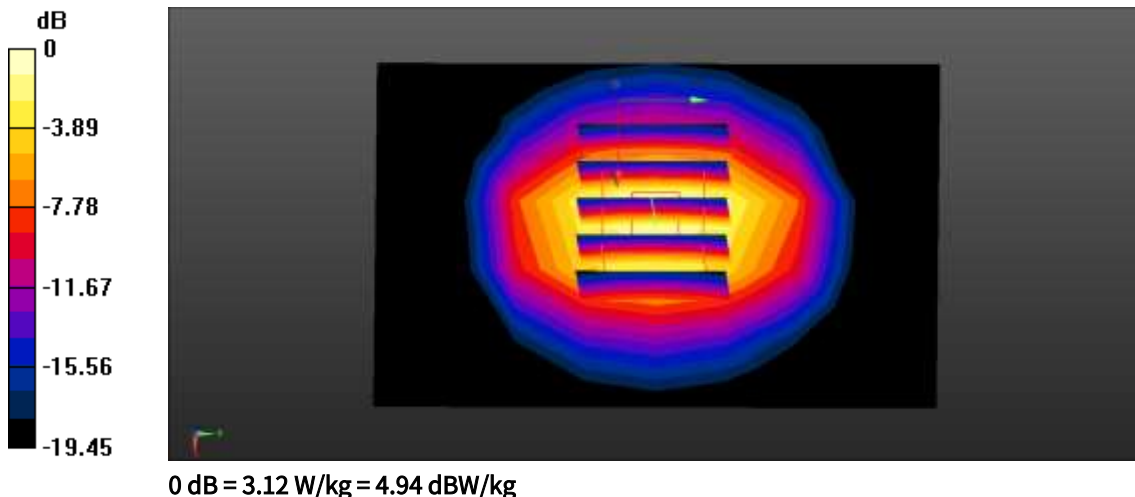
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1900 \text{ MHz}$; $\sigma = 1.389 \text{ S/m}$; $\epsilon_r = 39.19$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

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) = 2.61 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 = 49.25 V/m; Power Drift = 0.04 dB
 Peak SAR (extrapolated) = 3.71 W/kg
SAR(1 g) = 1.99 W/kg; SAR(10 g) = 1.01 W/kg
 Maximum value of SAR (measured) = 3.12 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.7 °C
 Test Date: 2025/06/09
 Band: LTE Band 25 Ant.A Body
 Plot No.: V23
 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	7.53	1.39	39.2

Hardware Setup

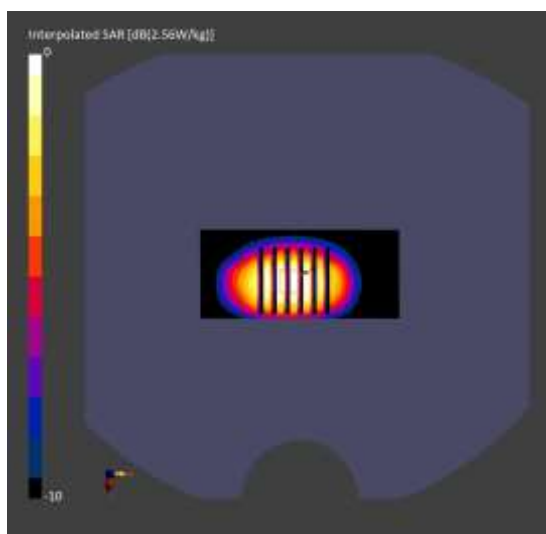
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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]	2.09	2.13
psSAR10g [W/Kg]	1.12	1.18
Power Drift [dB]	-0.01	0.02



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.7 °C
 Test Date: 2025/06/02
 Band: LTE Band 25 Ant.F
 Plot No.: V24
 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	7.53	1.38	38.9

Hardware Setup

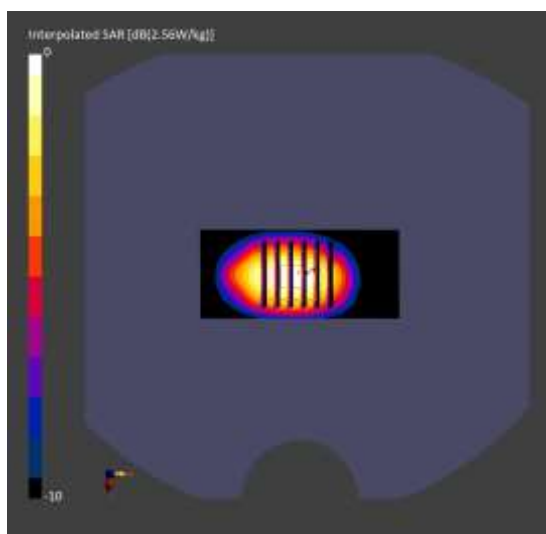
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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]	2.08	2.12
psSAR10g [W/Kg]	1.10	1.17
Power Drift [dB]	0.01	-0.00



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.5 °C
 Test Date: 2025/06/28
 Band: LTE Band 30 Ant.A Head
 Plot No.: V25
 Measurement Report for Device, , , CW, Channel 0 (2300.000 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--	2300.000, 0	7.64	1.65	39.0

Hardware Setup

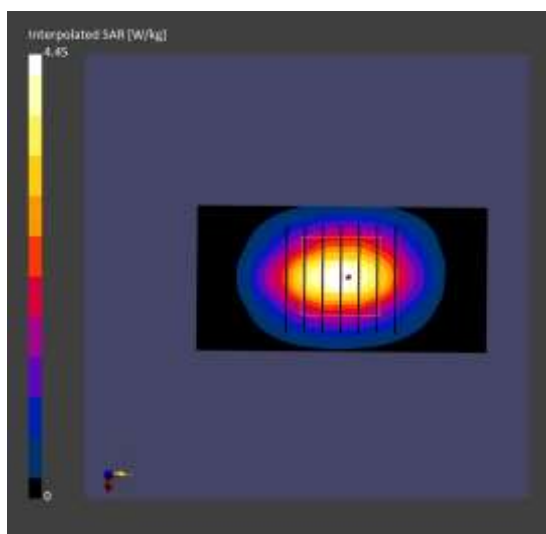
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.21	2.27
psSAR10g [W/Kg]	1.05	1.10
Power Drift [dB]	-0.01	0.03



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.7 °C
 Test Date: 2025/06/04
 Band: LTE Band 30 Ant.A Body
 Plot No.: V26

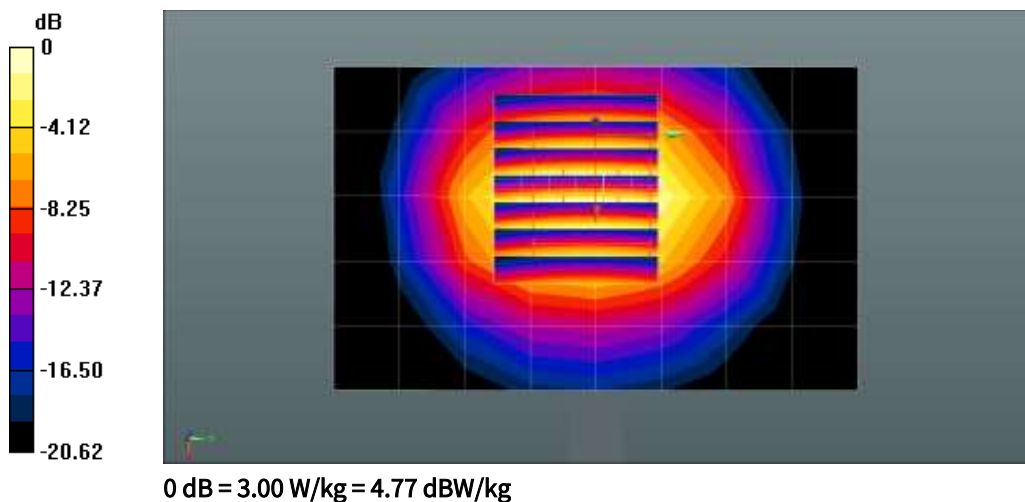
Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2300 \text{ MHz}$; $\sigma = 1.729 \text{ S/m}$; $\epsilon_r = 39.036$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(4.6, 4.94, 4.93) @ 2300 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)

2300MHz Head Verification/Area Scan (6x9x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
 Maximum value of SAR (measured) = 3.02 W/kg

2300MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 39.40 V/m; Power Drift = 0.16 dB
 Peak SAR (extrapolated) = 4.57 W/kg
SAR(1 g) = 2.34 W/kg; SAR(10 g) = 1.14 W/kg
 Maximum value of SAR (measured) = 3.00 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.8 °C
 Test Date: 2025/06/06
 Band: LTE Band 30 Ant.F
 Plot No.: V27

Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2300 \text{ MHz}$; $\sigma = 1.73 \text{ S/m}$; $\epsilon_r = 39.077$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(4.6, 4.94, 4.93) @ 2300 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)

2300MHz Head Verification/Area Scan (6x9x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
 Maximum value of SAR (measured) = 3.03 W/kg

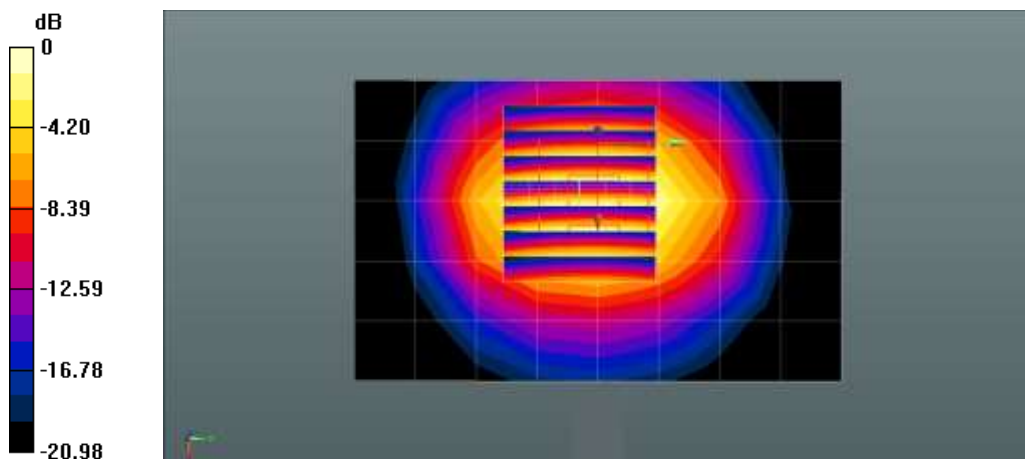
2300MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 39.37 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 4.57 W/kg

SAR(1 g) = 2.34 W/kg; SAR(10 g) = 1.14 W/kg

Maximum value of SAR (measured) = 3.01 W/kg



0 dB = 3.01 W/kg = 4.79 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.0 °C
 Test Date: 2025/06/27
 Band: WLAN 2.4GHz SISO RSDB Head
 Plot No.: V28
 Measurement Report for Device, , , CW, Channel 0 (2450.000 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--	2450.000, 0	7.38	1.81	39.1

Hardware Setup

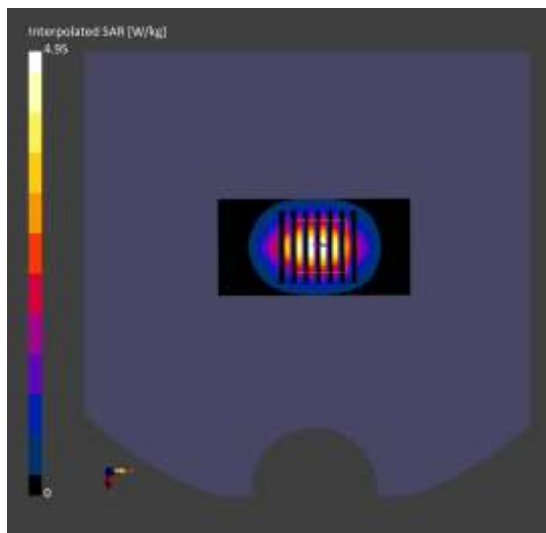
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.56	2.52
psSAR10g [W/Kg]	1.17	1.20
Power Drift [dB]	-0.08	-0.14



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.4 °C
 Test Date: 2025/07/07
 Band: WLAN 2.4GHz SISO RSDB Body
 Plot No.: V29
 Measurement Report for Device, , , CW, Channel 0 (2450.000 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--	2450.000, 0	7.38	1.76	39.4

Hardware Setup

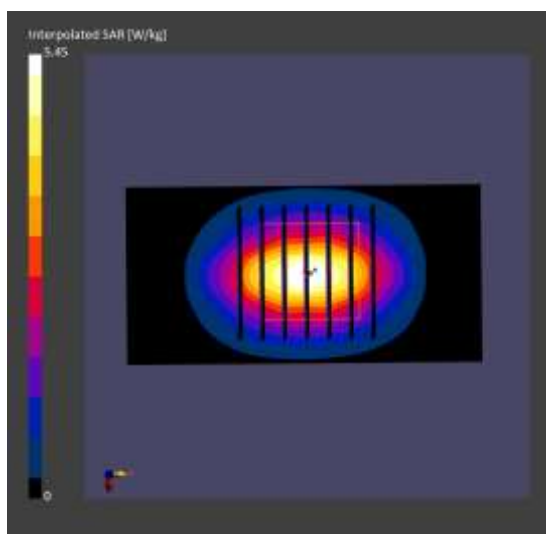
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.57	2.60
psSAR10g [W/Kg]	1.16	1.20
Power Drift [dB]	-0.00	-0.08



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.5 °C
 Test Date: 2025/06/14
 Band: WLAN 2.4GHz SISO
 Plot No.: V30
 Measurement Report for Device, , , CW, Channel 0 (2450.000 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--	2450.000, 0	6.85	1.84	40.1

Hardware Setup

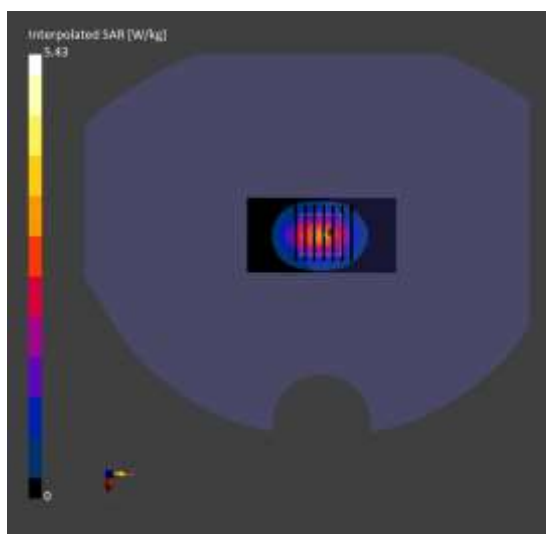
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V4.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7655, 2025-06-03	DAE4 Sn1225, 2025-02-18

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.64	2.62
psSAR10g [W/Kg]	1.22	1.20
Power Drift [dB]	-0.02	-0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 20.9 °C
 Test Date: 2025/06/17
 Band: WLAN 2.4GHz MIMO
 Plot No.: V31
 Measurement Report for Device, , , CW, Channel 0 (2450.000 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--	2450.000, 0	6.85	1.83	40.0

Hardware Setup

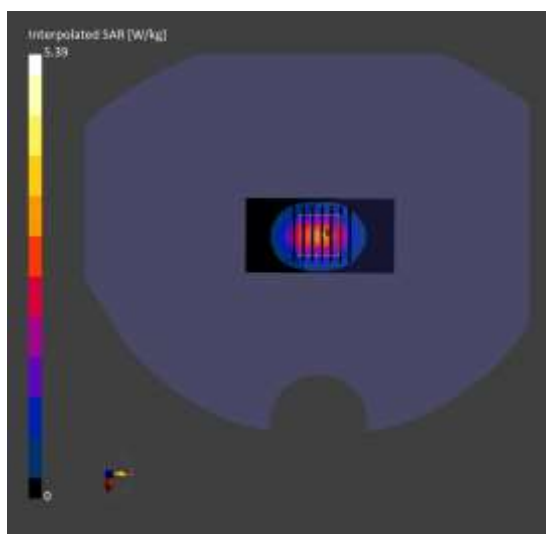
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V4.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7655, 2025-06-03	DAE4 Sn1225, 2025-02-18

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.61	2.58
psSAR10g [W/Kg]	1.21	1.18
Power Drift [dB]	-0.01	0.00



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.3 °C
 Test Date: 2025/06/15
 Band: Bluetooth SISO
 Plot No.: V32
 Measurement Report for Device, , , CW, Channel 0 (2450.000 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--	2450.000, 0	6.85	1.81	38.6

Hardware Setup

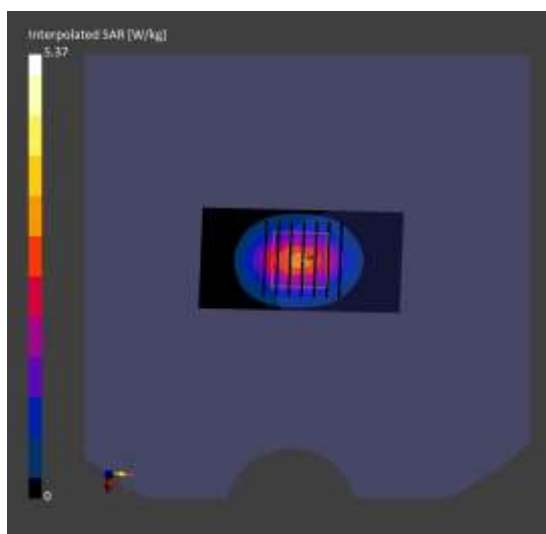
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V4.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7655, 2025-06-03	DAE4 Sn1225, 2025-02-18

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.58	2.56
psSAR10g [W/Kg]	1.20	1.17
Power Drift [dB]	-0.00	-0.02



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.6 °C
 Test Date: 2025/06/16
 Band: Bluetooth LE
 Plot No.: V33
 Measurement Report for Device, , , CW, Channel 0 (2450.000 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--	2450.000, 0	6.85	1.81	38.6

Hardware Setup

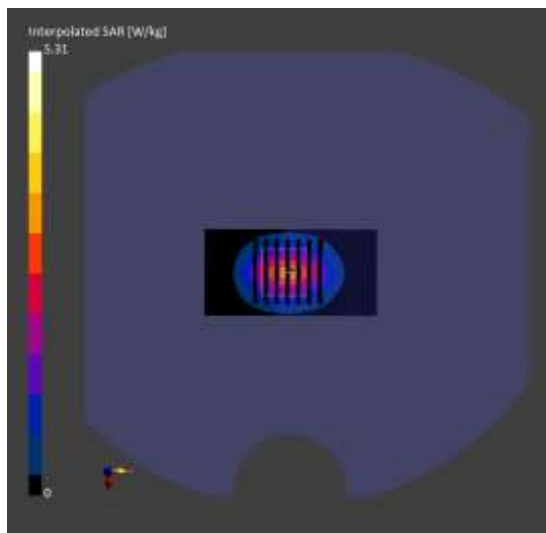
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V4.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7655, 2025-06-03	DAE4 Sn1225, 2025-02-18

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.57	2.55
psSAR10g [W/Kg]	1.19	1.17
Power Drift [dB]	0.00	0.00



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.6 °C
 Test Date: 2025/06/18
 Band: Bluetooth Dual
 Plot No.: V34
 Measurement Report for Device, , , CW, Channel 0 (2450.000 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--	2450.000, 0	6.85	1.81	38.6

Hardware Setup

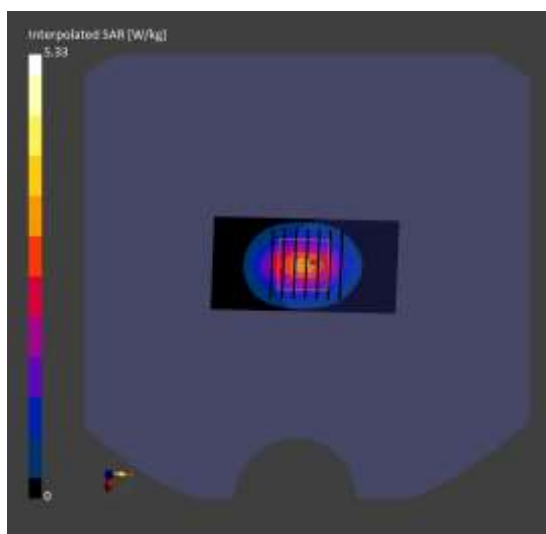
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V4.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7655, 2025-06-03	DAE4 Sn1225, 2025-02-18

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.58	2.55
psSAR10g [W/Kg]	1.19	1.17
Power Drift [dB]	-0.01	0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.5 °C
 Test Date: 2025/06/28
 Band: LTE Band 7 Ant.B Head
 Plot No.: V35
 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	7.4	1.98	38.0

Hardware Setup

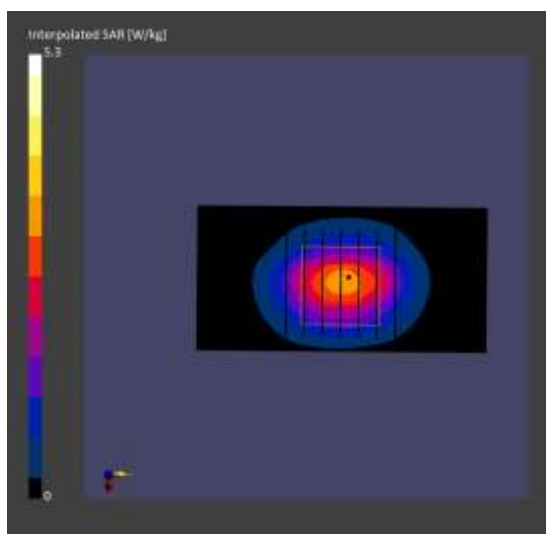
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.57	2.59
psSAR10g [W/Kg]	1.14	1.19
Power Drift [dB]	-0.00	0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.7 °C
 Test Date: 2025/06/12
 Band: LTE Band 7 Ant.B Body
 Plot No.: V36
 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	7.4	1.93	38.5

Hardware Setup

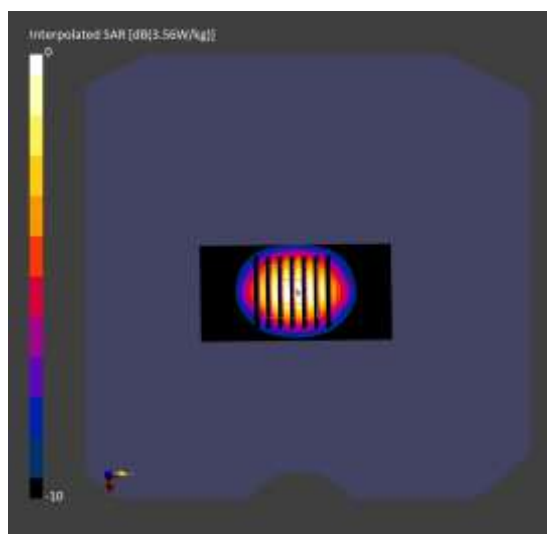
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.69	2.76
psSAR10g [W/Kg]	1.23	1.33
Power Drift [dB]	0.01	0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.7 °C
 Test Date: 2025/06/21
 Band: LTE Band 7 Ant.F Body
 Plot No.: V37
 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	7.4	1.94	38.7

Hardware Setup

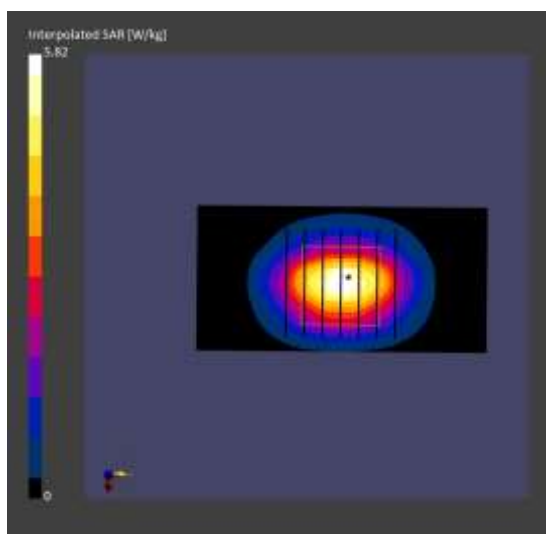
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.70	2.74
psSAR10g [W/Kg]	1.18	1.22
Power Drift [dB]	-0.00	-0.09



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 20.4 °C
 Test Date: 2025/07/05
 Band: LTE Band 41 Ant.B Head
 Plot No.: V38
 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	7.4	1.93	38.1

Hardware Setup

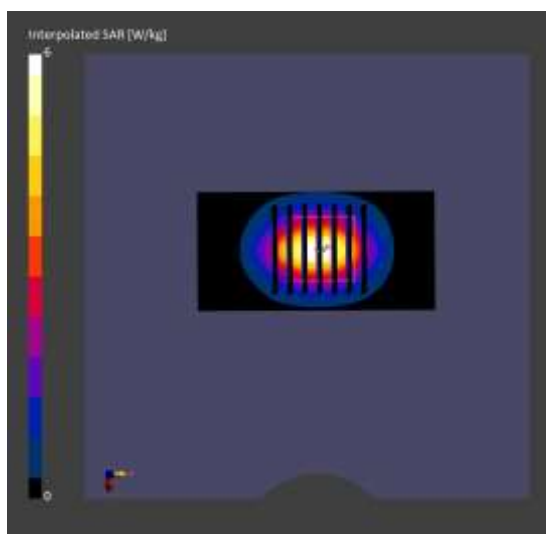
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.71	2.76
psSAR10g [W/Kg]	1.18	1.23
Power Drift [dB]	-0.01	-0.10



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.6 °C
 Test Date: 2025/06/03
 Band: LTE Band 41 Ant.B Body
 Plot No.: V39

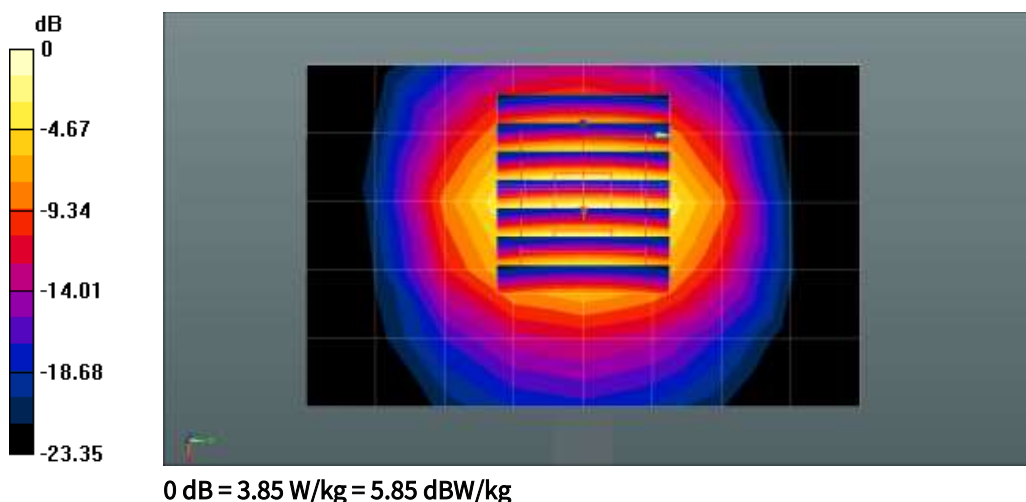
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2600$ MHz; $\sigma = 1.923$ S/m; $\epsilon_r = 38.695$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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) = 3.83 W/kg

2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 41.36 V/m; Power Drift = 0.11 dB
 Peak SAR (extrapolated) = 6.40 W/kg
SAR(1 g) = 2.86 W/kg; SAR(10 g) = 1.27 W/kg
 Maximum value of SAR (measured) = 3.85 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.4 °C
 Test Date: 2025/06/16
 Band: LTE Band 41 Ant.F
 Plot No.: V40

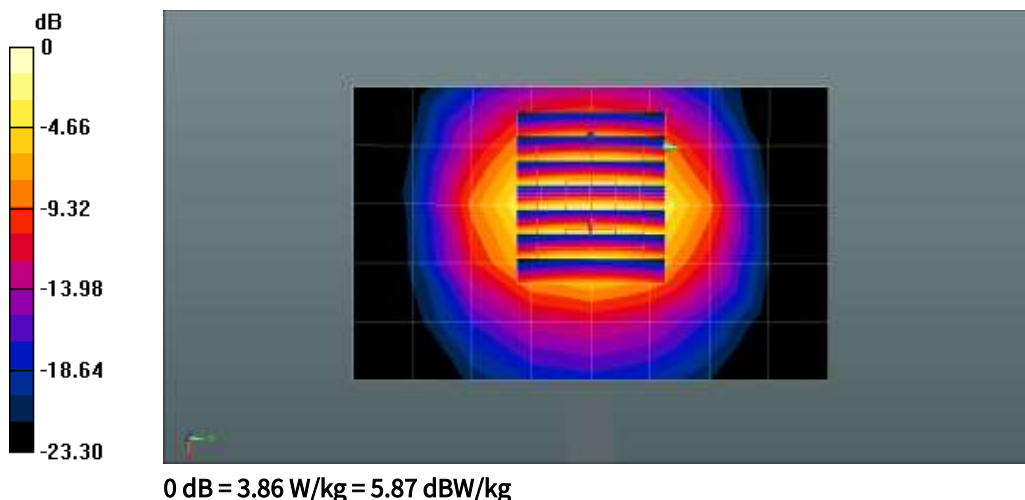
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2600$ MHz; $\sigma = 1.933$ S/m; $\epsilon_r = 38.838$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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) = 3.83 W/kg

2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 41.41 V/m; Power Drift = 0.19 dB
 Peak SAR (extrapolated) = 6.41 W/kg
SAR(1 g) = 2.88 W/kg; SAR(10 g) = 1.28 W/kg
 Maximum value of SAR (measured) = 3.86 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.0 °C
 Test Date: 2025/06/14
 Band: LTE Band 48 Ant.F
 Plot No.: V41

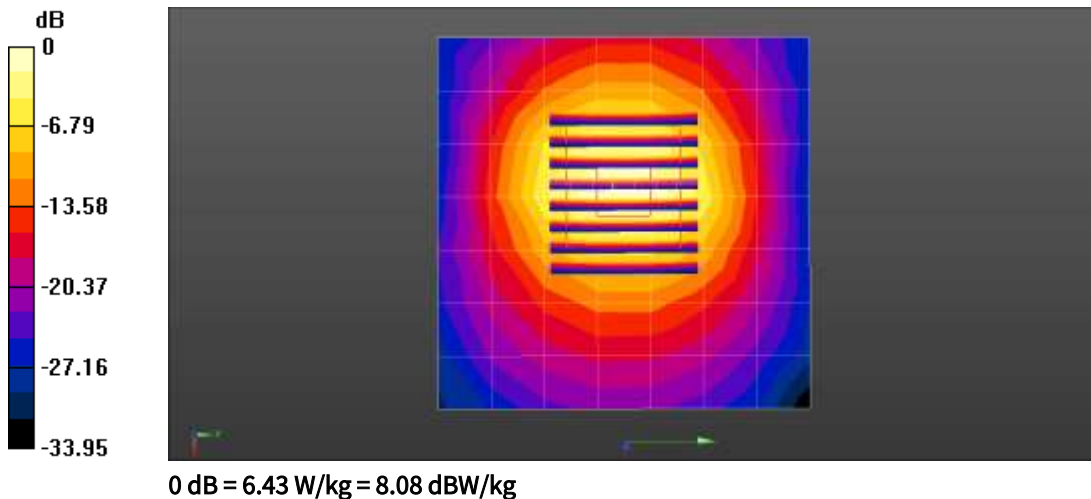
Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 3500$ MHz; $\sigma = 2.889$ S/m; $\epsilon_r = 38.895$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(6.52, 6.77, 6.58) @ 3500 MHz; Calibrated: 2024-07-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

3500MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 5.62 W/kg

3500MHz Head Verification/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 38.06 V/m; Power Drift = 0.14 dB
 Peak SAR (extrapolated) = 9.02 W/kg
SAR(1 g) = 3.39 W/kg; SAR(10 g) = 1.27 W/kg
 Maximum value of SAR (measured) = 6.43 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.0 °C
 Test Date: 2025/06/14
 Band: LTE Band 48 Ant.F
 Plot No.: V42

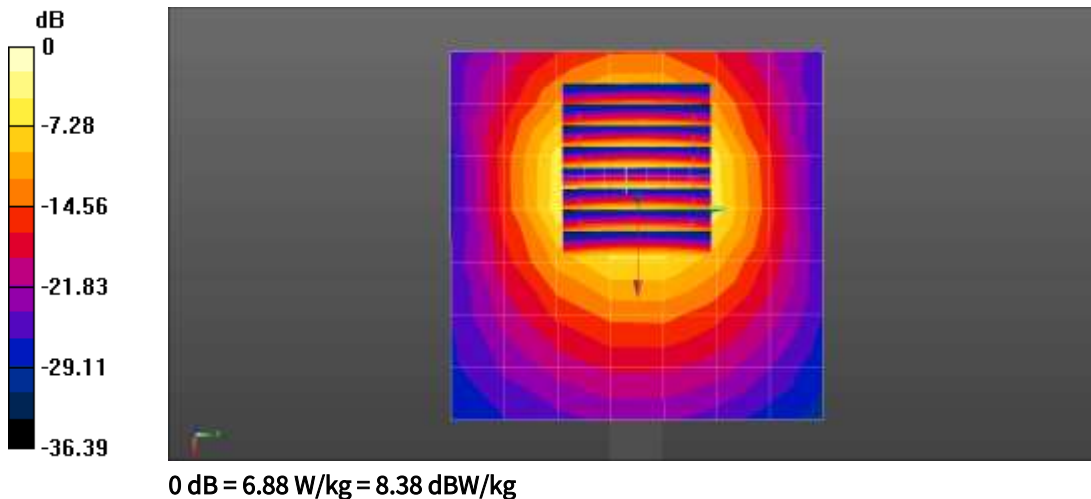
Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 3700 \text{ MHz}$; $\sigma = 3.075 \text{ S/m}$; $\epsilon_r = 38.572$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(6.43, 6.68, 6.49) @ 3700 MHz; Calibrated: 2024-07-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

3700MHz Head Verification/Area Scan (8x8x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
 Maximum value of SAR (measured) = 5.06 W/kg

3700MHz Head Verification/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
 Reference Value = 33.07 V/m; Power Drift = 0.18 dB
 Peak SAR (extrapolated) = 9.89 W/kg
SAR(1 g) = 3.53 W/kg; SAR(10 g) = 1.29 W/kg
 Maximum value of SAR (measured) = 6.88 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.3 °C
 Test Date: 2025/07/01
 Band: WLAN 5GHz UNII 1&2A RSDB Body
 Plot No.: V43
 Measurement Report for Device, , , CW, Channel 0 (5250.000 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--	5250.000, 0	5.42	4.74	35.2

Hardware Setup

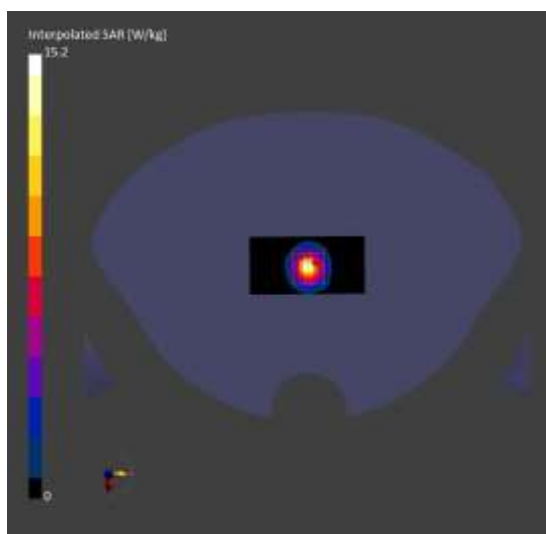
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7309, 2025-06-25	DAE4 Sn1417, 2025-02-18

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.73	3.95
psSAR10g [W/Kg]	1.08	1.14
Power Drift [dB]	-0.02	-0.13



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.6 °C
 Test Date: 2025/07/01
 Band: WLAN 5GHz UNII 1&2A RSDB Head
 Plot No.: V44

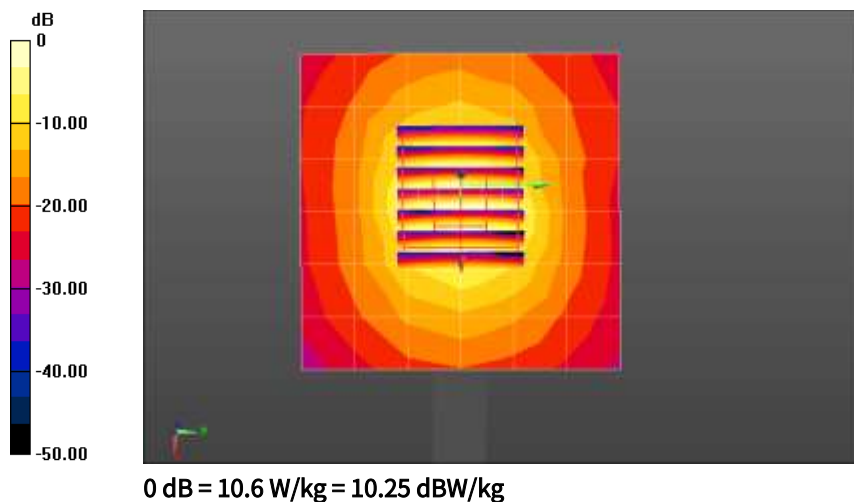
Communication System: UID 0, CW (0); Frequency: 5250 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 5250 \text{ MHz}$; $\sigma = 4.639 \text{ S/m}$; $\epsilon_r = 36.862$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(6.23, 6.17, 6.58) @ 5250 MHz; Calibrated: 2025-06-02
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5250MHz Head Verification/Area Scan (7x7x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
 Maximum value of SAR (measured) = 10.4 W/kg

5250MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
 Reference Value = 49.48 V/m; Power Drift = 0.07 dB
 Peak SAR (extrapolated) = 18.6 W/kg
SAR(1 g) = 4.03 W/kg; SAR(10 g) = 1.12 W/kg
 Maximum value of SAR (measured) = 10.6 W/kg



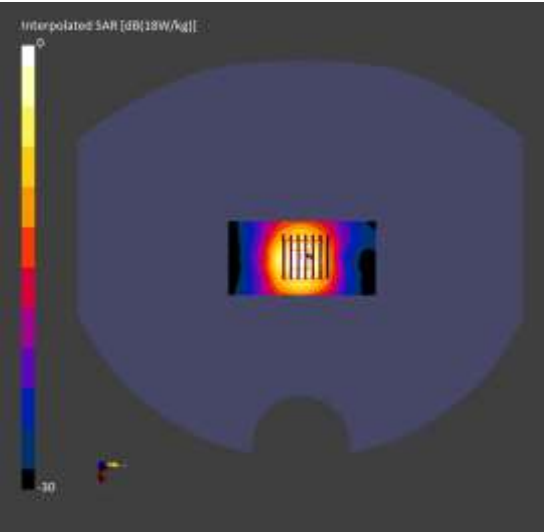
Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 21.6 °C
Test Date: 2025/06/14
Band: WLAN 5G UNII 1&2A SISO
Plot No.: V45
Measurement Report for Device, , , CW, Channel 0 (5250.000 MHz)

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--	5250.000, 0	6.0	4.58	37.1

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

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

Measurement Results		
	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.85	4.32
psSAR10g [W/Kg]	1.09	1.21
Power Drift [dB]	-0.03	-0.04



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.9 °C
 Test Date: 2025/06/24
 Band: WLAN 5G UNII 1&2A MIMO
 Plot No.: V46
 Measurement Report for Device, , , CW, Channel 0 (5250.000 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--	5250.000, 0	6.0	4.61	37.0

Hardware Setup

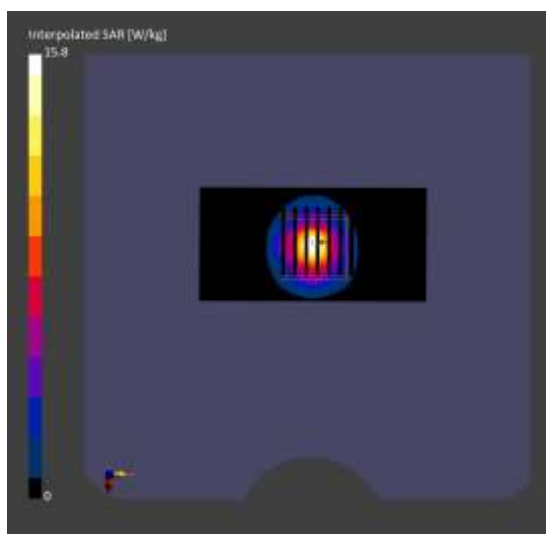
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.86	4.07
psSAR10g [W/Kg]	1.10	1.18
Power Drift [dB]	-0.03	-0.03



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.3 °C
 Test Date: 2025/07/01
 Band: WLAN 5GHz UNII 2C RSDB Body
 Plot No.: V47
 Measurement Report for Device, , , CW, Channel 0 (5600.000 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--	5600.000, 0	4.98	4.95	34.7

Hardware Setup

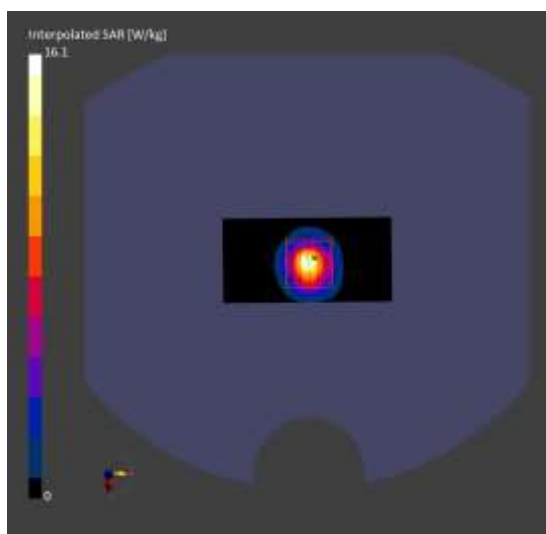
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7309, 2025-06-25	DAE4 Sn1417, 2025-02-18

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.48	3.91
psSAR10g [W/Kg]	1.01	1.12
Power Drift [dB]	-0.03	-0.14



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.9 °C
 Test Date: 2025/07/02
 Band: WLAN 5GHz UNII 2C RSDB Head
 Plot No.: V48

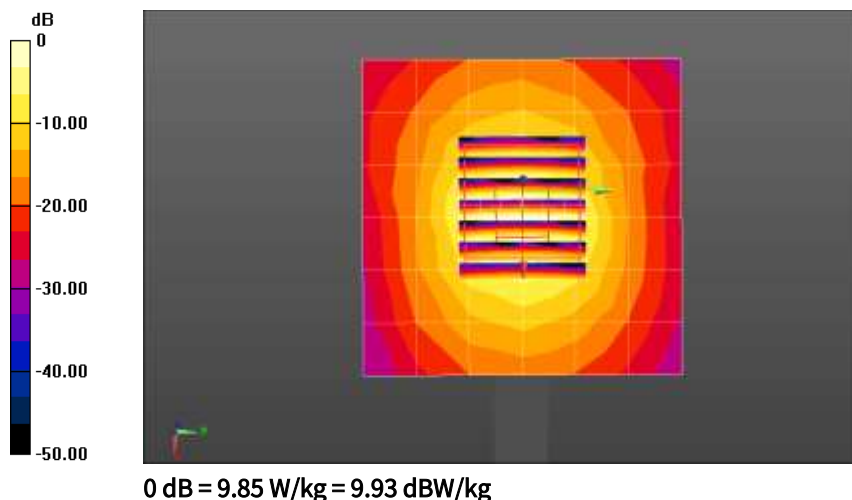
Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 5600$ MHz; $\sigma = 4.921$ S/m; $\epsilon_r = 36.516$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(5.69, 5.63, 6.01) @ 5600 MHz; Calibrated: 2025-06-02
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5600MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 9.92 W/kg

5600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 47.26 V/m; Power Drift = -0.07 dB
 Peak SAR (extrapolated) = 18.9 W/kg
SAR(1 g) = 3.77 W/kg; SAR(10 g) = 1.06 W/kg
 Maximum value of SAR (measured) = 9.85 W/kg



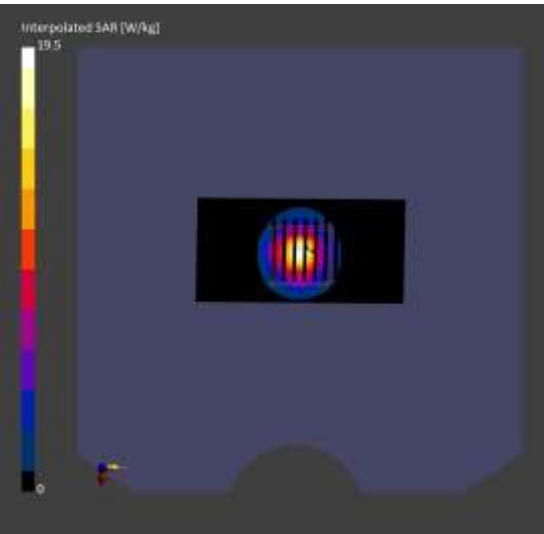
Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 22.6 °C
Test Date: 2025/06/15
Band: WLAN 5G UNII 2C SISO
Plot No.: V49
Measurement Report for Device, , , CW, Channel 0 (5600.000 MHz)

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--	5600.000, 0	5.64	4.89	36.5

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

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

Measurement Results		
	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.84	4.32
psSAR10g [W/Kg]	1.08	1.22
Power Drift [dB]	-0.03	-0.04



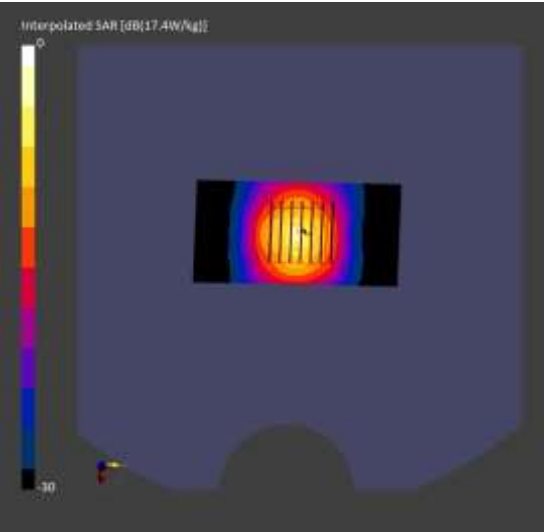
Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 22.2 °C
Test Date: 2025/06/25
Band: WLAN 5G UNII 2C MIMO
Plot No.: V50
Measurement Report for Device, , , CW, Channel 0 (5600.000 MHz)

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--	5600.000, 0	5.64	4.93	36.4

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

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

Measurement Results		
	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.84	4.14
psSAR10g [W/Kg]	1.09	1.19
Power Drift [dB]	-0.01	0.07



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.5 °C
 Test Date: 2025/07/02
 Band: WLAN 5GHz UNII3 RSDB Body
 Plot No.: V51
 Measurement Report for Device, , , CW, Channel 0 (5750.000 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--	5750.000, 0	4.9	5.29	34.7

Hardware Setup

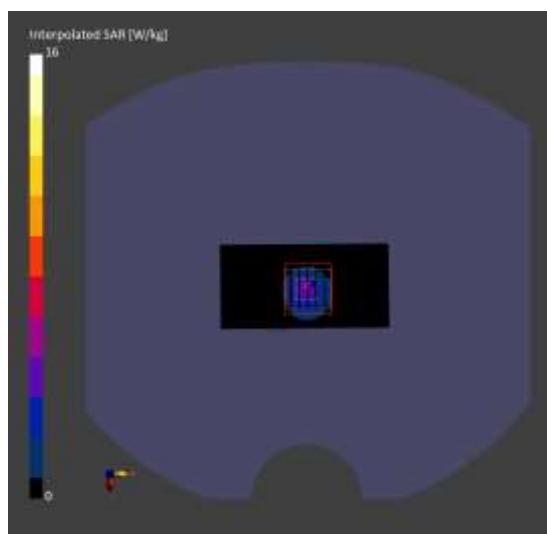
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7309, 2025-06-25	DAE4 Sn1417, 2025-02-18

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.36	3.81
psSAR10g [W/Kg]	0.994	1.11
Power Drift [dB]	-0.02	-0.17



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.9 °C
 Test Date: 2025/07/03
 Band: WLAN 5GHz UNII3 RSDB Head
 Plot No.: V52

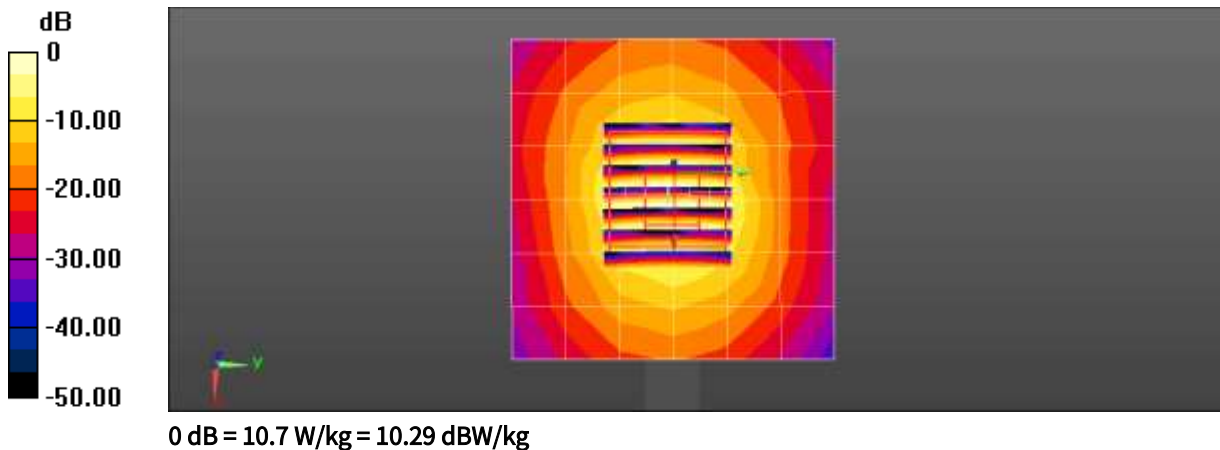
Communication System: UID 0, CW (0); Frequency: 5750 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 5750 \text{ MHz}$; $\sigma = 5.245 \text{ S/m}$; $\epsilon_r = 36.116$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(5.72, 5.66, 6.04) @ 5750 MHz; Calibrated: 2025-06-02
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5750MHz Head Verification/Area Scan (7x7x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
 Maximum value of SAR (measured) = 10.6 W/kg

5750MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
 Reference Value = 47.28 V/m; Power Drift = -0.15 dB
 Peak SAR (extrapolated) = 21.1 W/kg
SAR(1 g) = 3.95 W/kg; SAR(10 g) = 1.08 W/kg
 Maximum value of SAR (measured) = 10.7 W/kg



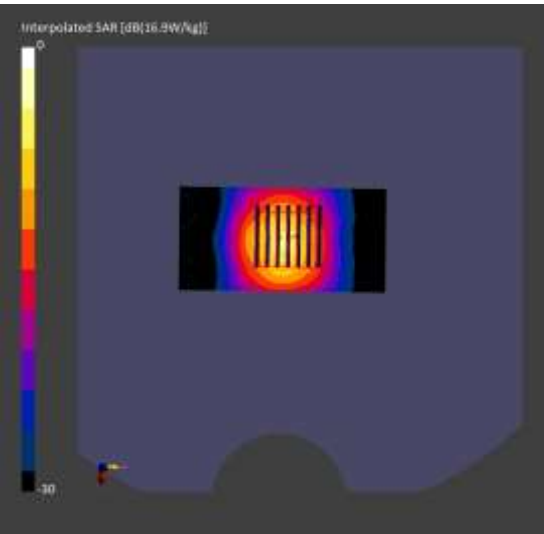
Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 20.8 °C
Test Date: 2025/06/17
Band: WLAN 5G UNII3 SISO
Plot No.: V53
Measurement Report for Device, , , CW, Channel 0 (5750.000 MHz)

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--	5750.000, 0	5.51	5.21	36.2

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

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

Measurement Results		
	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.66	3.92
psSAR10g [W/Kg]	1.05	1.14
Power Drift [dB]	-0.00	0.03



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.7 °C
 Test Date: 2025/06/26
 Band: WLAN 5G UNII3 MIMO
 Plot No.: V54
 Measurement Report for Device, , , CW, Channel 0 (5750.000 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--	5750.000, 0	5.51	5.21	36.2

Hardware Setup

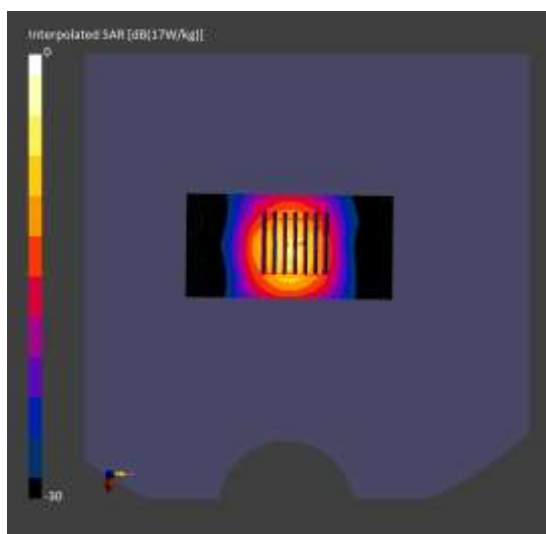
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.70	3.94
psSAR10g [W/Kg]	1.06	1.14
Power Drift [dB]	-0.07	0.03



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.5 °C
 Test Date: 2025/07/02
 Band: WLAN 5GHz UNII4 RSDB Body
 Plot No.: V55
 Measurement Report for Device, , , CW, Channel 0 (5800.000 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--	5800.000, 0	4.85	5.21	34.7

Hardware Setup

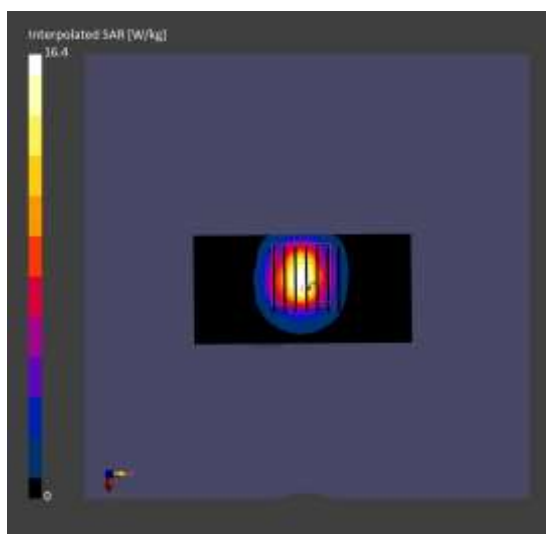
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7309, 2025-06-25	DAE4 Sn1417, 2025-02-18

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.88	3.62
psSAR10g [W/Kg]	0.911	1.04
Power Drift [dB]	-0.13	-0.02



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.8 °C
 Test Date: 2025/07/04
 Band: WLAN 5GHz UNII4 RSDB Head
 Plot No.: V56

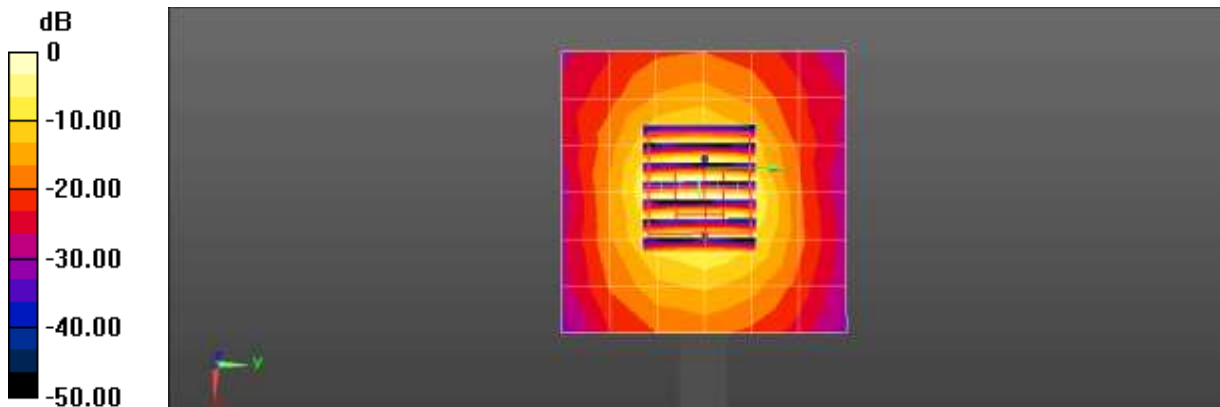
Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 5800$ MHz; $\sigma = 5.191$ S/m; $\epsilon_r = 36.519$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(5.6, 5.54, 5.91) @ 5800 MHz; Calibrated: 2025-06-02
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5800MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 10.6 W/kg

5800MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 47.65 V/m; Power Drift = -0.18 dB
 Peak SAR (extrapolated) = 21.7 W/kg
SAR(1 g) = 4.01 W/kg; SAR(10 g) = 1.1 W/kg
 Maximum value of SAR (measured) = 10.9 W/kg



0 dB = 10.9 W/kg = 10.37 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.7 °C
 Test Date: 2025/06/18
 Band: WLAN 5G UNII4 SISO
 Plot No.: V57
 Measurement Report for Device, , , CW, Channel 0 (5800.000 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--	5800.000, 0	5.55	5.06	36.6

Hardware Setup

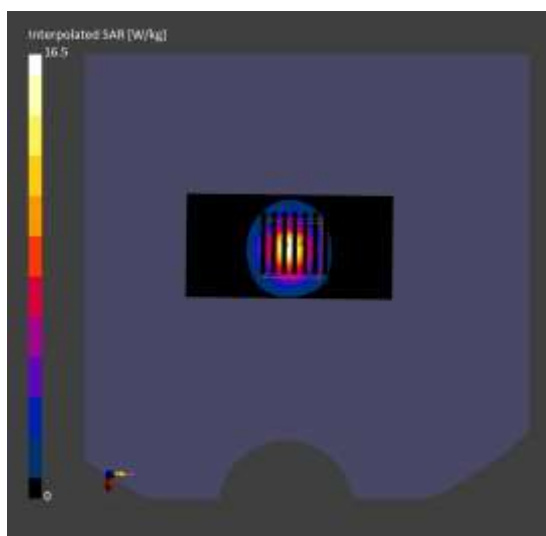
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.59	3.79
psSAR10g [W/Kg]	1.02	1.09
Power Drift [dB]	-0.02	-0.02



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temperature: 21.8 °C
Test Date: 2025/06/27
Band: WLAN 5G UNII4 MIMO
Plot No.: V58
Measurement Report for Device, , , CW, Channel 0 (5800.000 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--	5800.000, 0	5.55	5.10	36.5

Hardware Setup

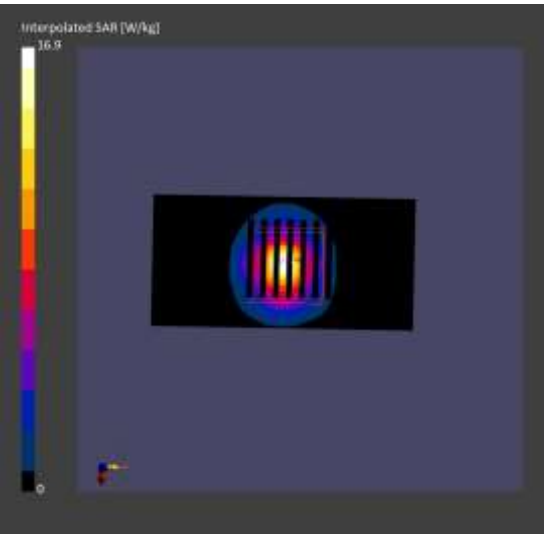
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.66	3.86
psSAR10g [W/Kg]	1.04	1.11
Power Drift [dB]	-0.01	-0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.8 °C
 Test Date: 2025/07/01
 Band: WLAN 6E Head
 Plot No.: V59
 Measurement Report for Device, , , CW, Channel 0 (6500.000 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--	6500.000, 0	6.25	6.11	34.5

Hardware Setup

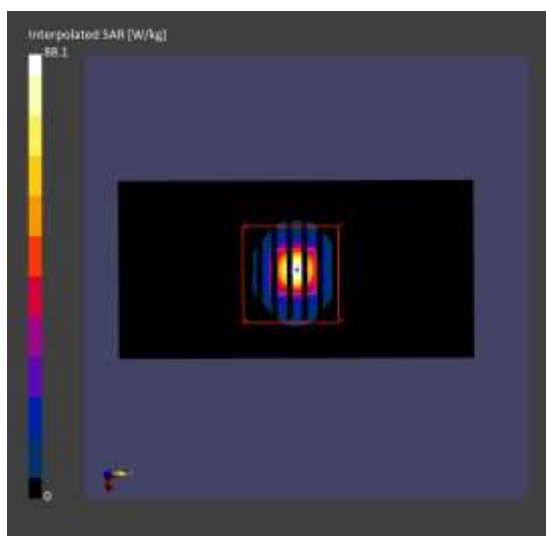
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	12.9	14.5
psSAR10g [W/Kg]	2.42	2.74
Power Drift [dB]	0.01	0.04



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.1 °C
 Test Date: 2025/07/02
 Band: WLAN 6E Body
 Plot No.: V60
 Measurement Report for Device, , , CW, Channel 0 (6500.000 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--	6500.000, 0	6.25	6.19	34.1

Hardware Setup

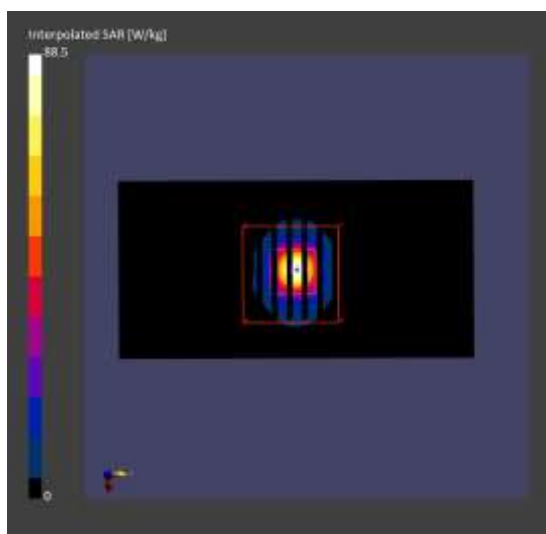
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	12.7	14.4
psSAR10g [W/Kg]	2.41	2.73
Power Drift [dB]	0.05	-0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.3 °C
 Test Date: 2025/06/02
 Band: NR Band n12 Ant.A
 Plot No.: V61

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 750 \text{ MHz}$; $\sigma = 0.929 \text{ S/m}$; $\epsilon_r = 40.98$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(9.16, 9.45, 9.24) @ 750 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- Phantom: SAM_Right_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

750MHz Head Verification/Area Scan (6x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.469 W/kg

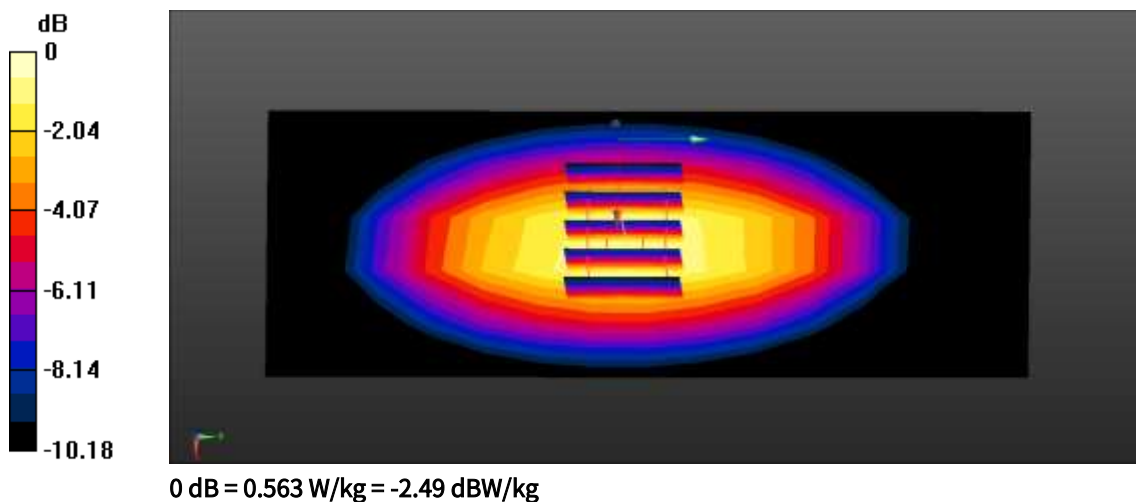
750MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.71 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.622 W/kg

SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.283 W/kg

Maximum value of SAR (measured) = 0.563 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.0 °C
 Test Date: 2025/06/13
 Band: NR Band n12 Ant.E
 Plot No.: V62

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 750 \text{ MHz}$; $\sigma = 0.919 \text{ S/m}$; $\epsilon_r = 41.531$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(9.16, 9.45, 9.24) @ 750 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- Phantom: SAM_Right_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

750MHz Head Verification/Area Scan (6x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.467 W/kg

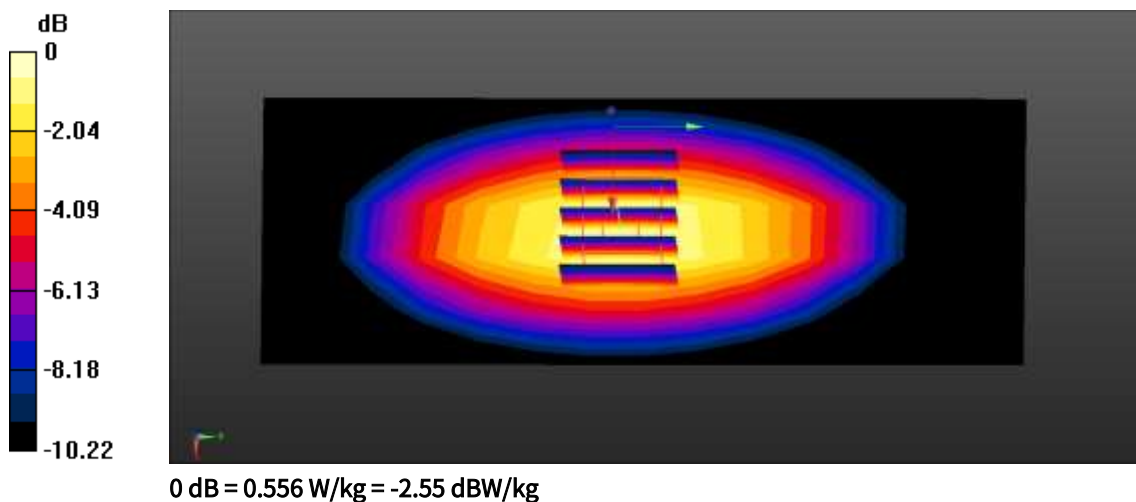
750MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.70 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.613 W/kg

SAR(1 g) = 0.422 W/kg; SAR(10 g) = 0.281 W/kg

Maximum value of SAR (measured) = 0.556 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.5 °C
 Test Date: 2025/06/04
 Band: NR Band n14 Ant.A
 Plot No.: V63

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 750 \text{ MHz}$; $\sigma = 0.87 \text{ S/m}$; $\epsilon_r = 40.929$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(9.16, 9.45, 9.24) @ 750 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- Phantom: SAM_Right_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

750MHz Head Verification/Area Scan (6x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.441 W/kg

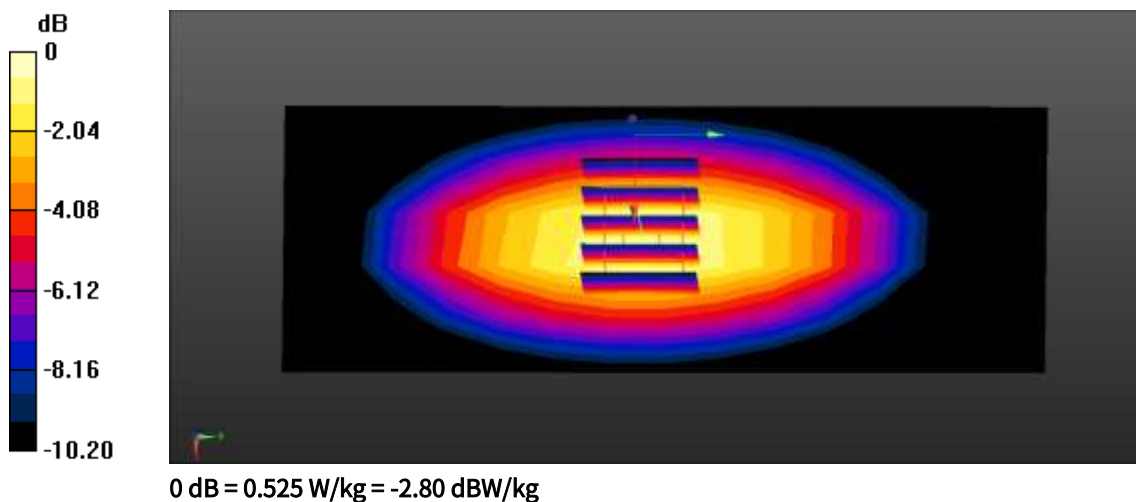
750MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.69 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.579 W/kg

SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.265 W/kg

Maximum value of SAR (measured) = 0.525 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.6 °C
 Test Date: 2025/06/05
 Band: NR Band n14 Ant.E
 Plot No.: V64

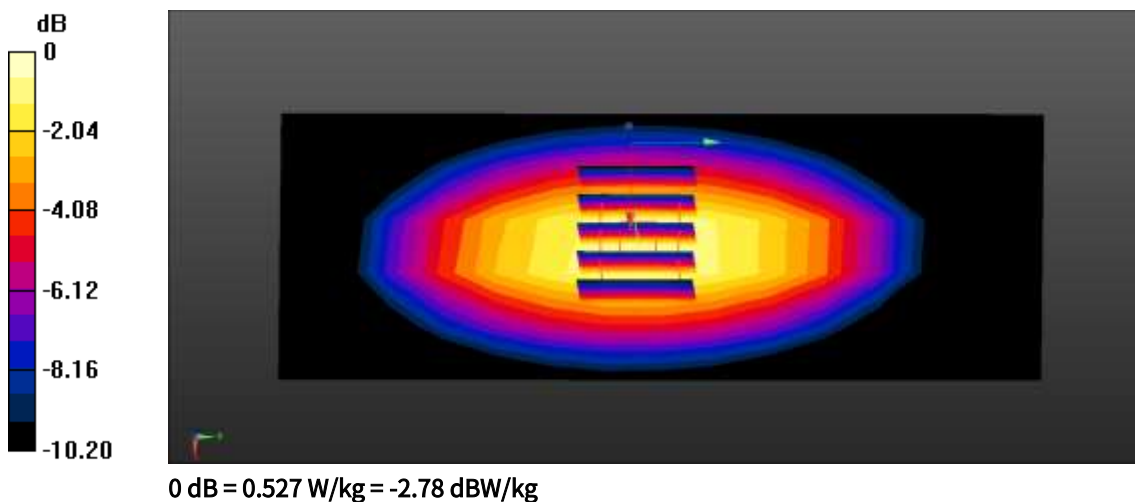
Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 750 \text{ MHz}$; $\sigma = 0.868 \text{ S/m}$; $\epsilon_r = 41.02$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(9.16, 9.45, 9.24) @ 750 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- Phantom: SAM_Right_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

750MHz Head Verification/Area Scan (6x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.440 W/kg

750MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 25.69 V/m; Power Drift = -0.05 dB
 Peak SAR (extrapolated) = 0.582 W/kg
SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.265 W/kg
 Maximum value of SAR (measured) = 0.527 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.4 °C
 Test Date: 2025/06/12
 Band: NR Band n71 Ant.A
 Plot No.: V65

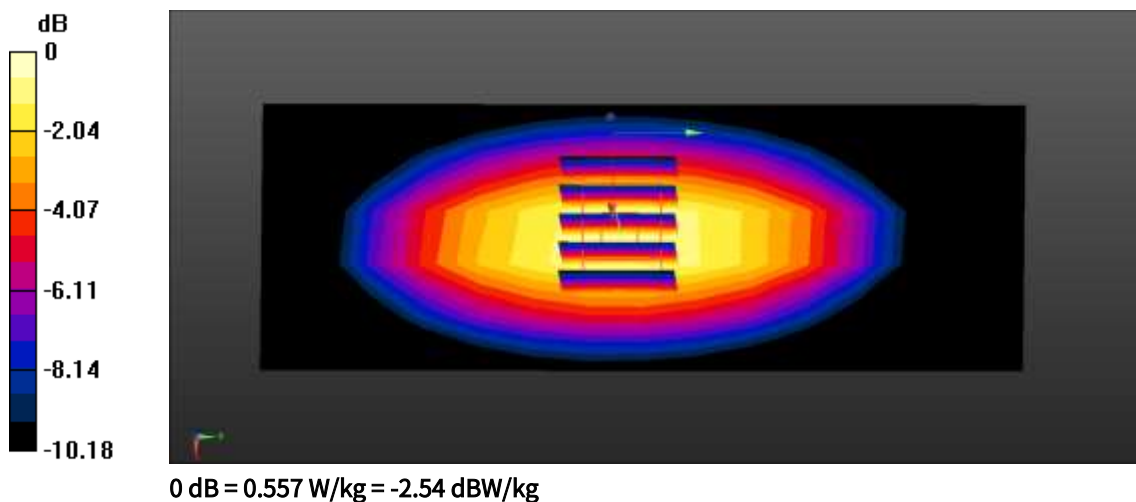
Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 750 \text{ MHz}$; $\sigma = 0.919 \text{ S/m}$; $\epsilon_r = 40.972$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(9.16, 9.45, 9.24) @ 750 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- Phantom: SAM_Right_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

750MHz Head Verification/Area Scan (6x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.467 W/kg

750MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 25.74 V/m; Power Drift = -0.04 dB
 Peak SAR (extrapolated) = 0.615 W/kg
SAR(1 g) = 0.422 W/kg; SAR(10 g) = 0.281 W/kg
 Maximum value of SAR (measured) = 0.557 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.3 °C
 Test Date: 2025/06/11
 Band: NR Band n71 Ant.E
 Plot No.: V66

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 750 \text{ MHz}$; $\sigma = 0.932 \text{ S/m}$; $\epsilon_r = 41.071$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(9.16, 9.45, 9.24) @ 750 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- Phantom: SAM_Right_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

750MHz Head Verification/Area Scan (6x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.472 W/kg

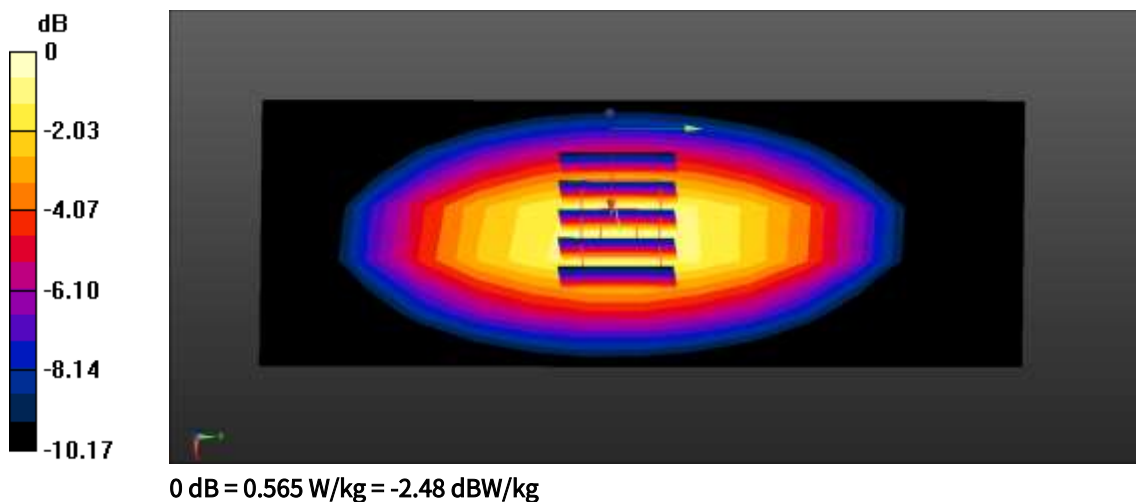
750MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.64 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.623 W/kg

SAR(1 g) = 0.428 W/kg; SAR(10 g) = 0.285 W/kg

Maximum value of SAR (measured) = 0.565 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.5 °C
 Test Date: 2025/06/06
 Band: NR Band n26 Ant.A
 Plot No.: V67

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 835 \text{ MHz}$; $\sigma = 0.919 \text{ S/m}$; $\epsilon_r = 40.712$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(8.83, 9.11, 8.9) @ 835 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- Phantom: SAM_Right_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

835MHz Head Verification/Area Scan (6x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.573 W/kg

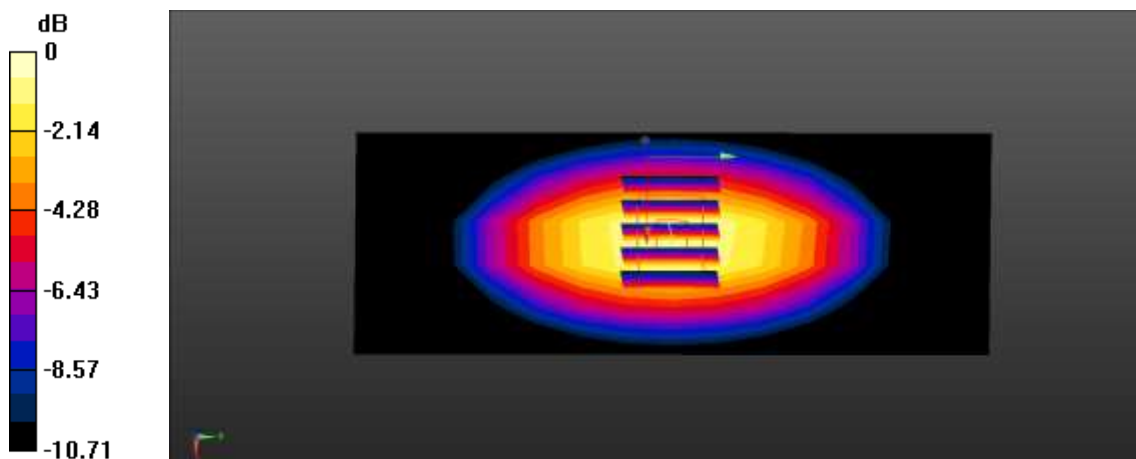
835MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 28.48 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.738 W/kg

SAR(1 g) = 0.505 W/kg; SAR(10 g) = 0.332 W/kg

Maximum value of SAR (measured) = 0.667 W/kg



0 dB = 0.667 W/kg = -1.76 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.9 °C
 Test Date: 2025/06/09
 Band: NR Band n26 Ant.E
 Plot No.: V68

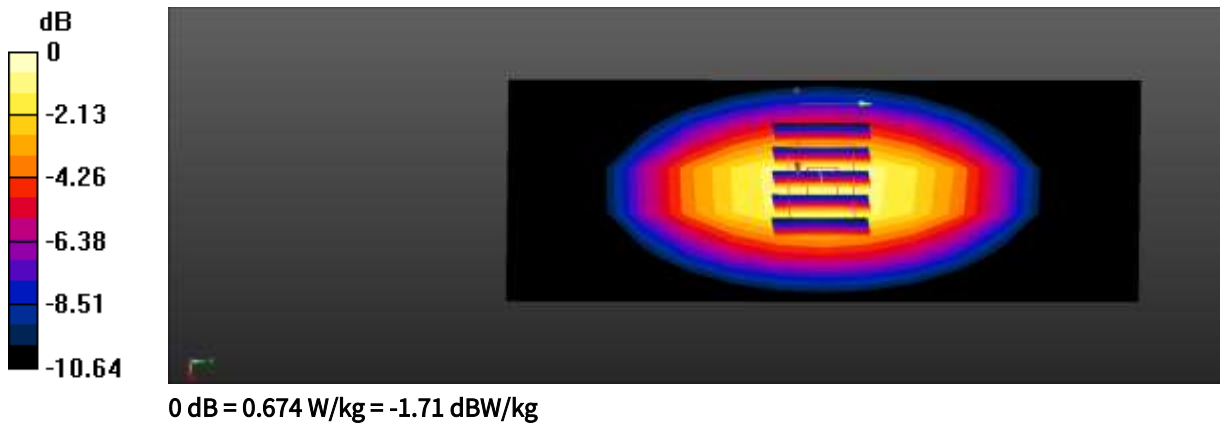
Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 835 \text{ MHz}$; $\sigma = 0.935 \text{ S/m}$; $\epsilon_r = 42.989$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(8.83, 9.11, 8.9) @ 835 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2024-09-19
- Phantom: SAM_Right_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

835MHz Head Verification/Area Scan (6x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.584 W/kg

835MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 28.50 V/m; Power Drift = -0.02 dB
 Peak SAR (extrapolated) = 0.744 W/kg
SAR(1 g) = 0.514 W/kg; SAR(10 g) = 0.338 W/kg
 Maximum value of SAR (measured) = 0.674 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.8 °C
 Test Date: 2025/06/16
 Band: NR Band n70 Ant.A
 Plot No.: V69

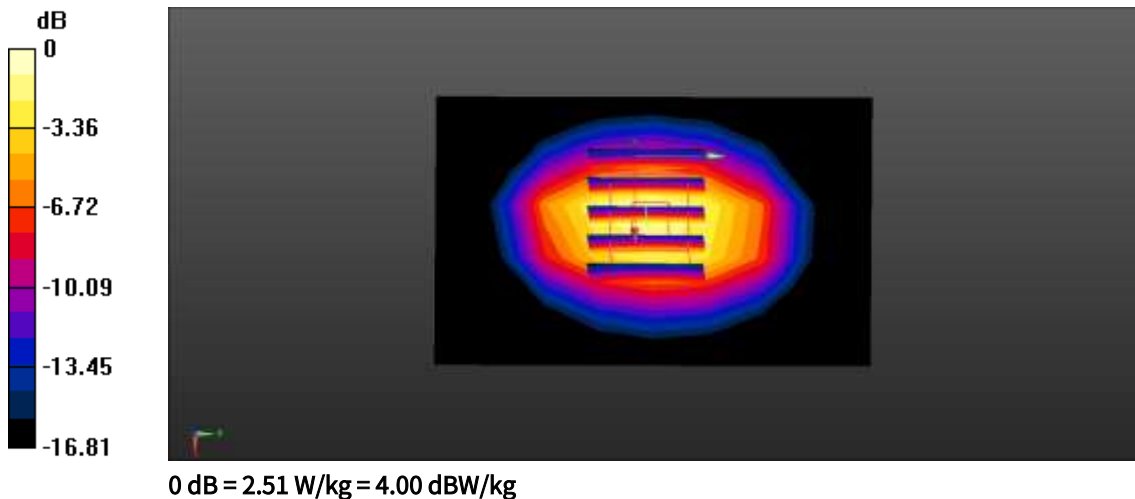
Communication System: UID 0, CW (0); Frequency: 1640 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1640 \text{ MHz}$; $\sigma = 1.258 \text{ S/m}$; $\epsilon_r = 41.712$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(7.39, 8.34, 8.09) @ 1640 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)

1640MHz Head Verification/Area Scan (6x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 1.99 W/kg

1640MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 47.39 V/m; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 2.86 W/kg
SAR(1 g) = 1.69 W/kg; SAR(10 g) = 0.916 W/kg
 Maximum value of SAR (measured) = 2.51 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.4 °C
 Test Date: 2025/06/17
 Band: NR Band n70 Ant.F
 Plot No.: V70

Communication System: UID 0, CW (0); Frequency: 1640 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1640$ MHz; $\sigma = 1.281$ S/m; $\epsilon_r = 40.769$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(7.39, 8.34, 8.09) @ 1640 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)

1640MHz Head Verification/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
 Maximum value of SAR (interpolated) = 2.57 W/kg

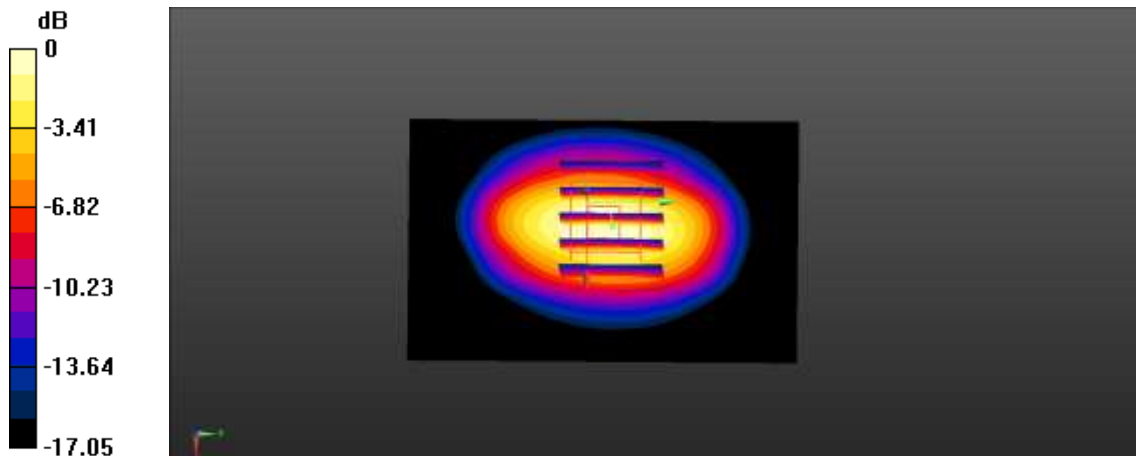
1640MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 45.19 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 2.97 W/kg

SAR(1 g) = 1.74 W/kg; SAR(10 g) = 0.943 W/kg

Maximum value of SAR (measured) = 2.58 W/kg



0 dB = 2.58 W/kg = 4.12 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.6 °C
 Test Date: 2025/06/26
 Band: NR Band n66 Ant.A
 Plot No.: V71
 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	7.96	1.41	40.9

Hardware Setup

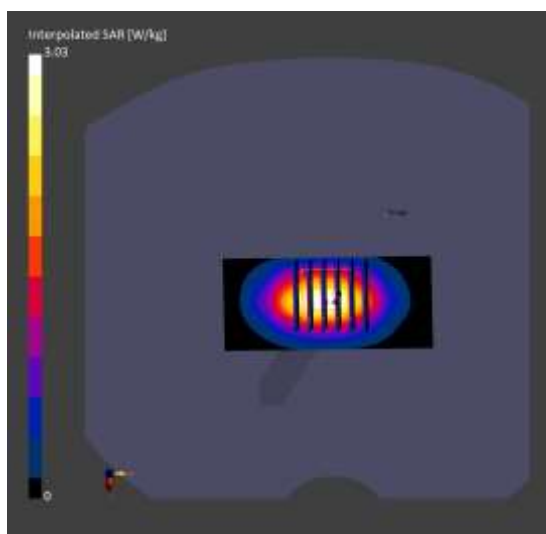
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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]	1.74	1.76
psSAR10g [W/Kg]	0.917	0.954
Power Drift [dB]	0.01	0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.2 °C
 Test Date: 2025/06/06
 Band: NR Band n66 Ant.F
 Plot No.: V72
 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	7.96	1.39	40.8

Hardware Setup

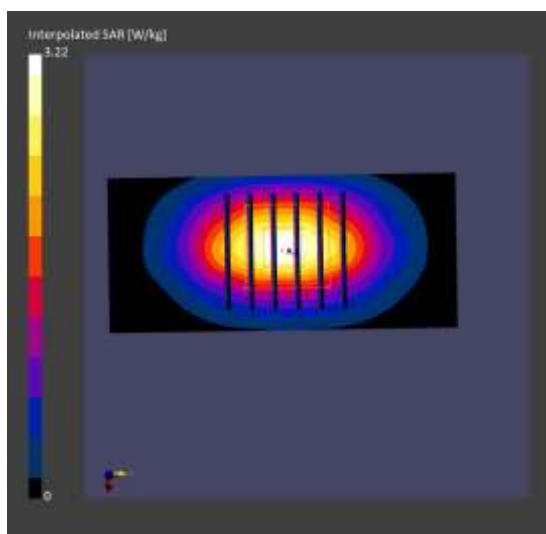
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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]	1.78	1.81
psSAR10g [W/Kg]	0.938	0.976
Power Drift [dB]	-0.01	0.02



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.8 °C
 Test Date: 2025/06/25
 Band: NR Band n25 Ant.A
 Plot No.: V73
 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	7.53	1.38	39.5

Hardware Setup

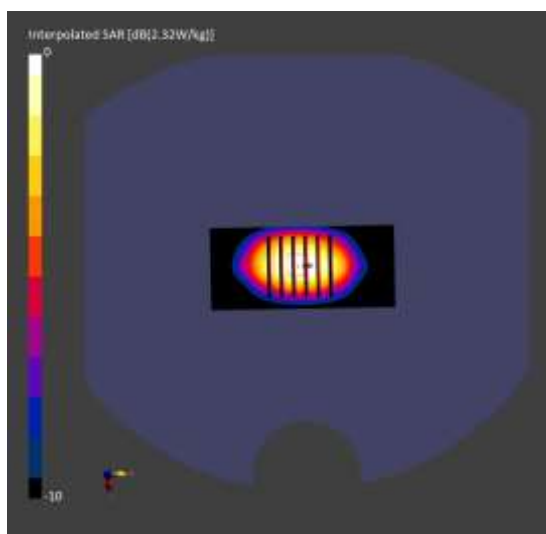
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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]	1.84	1.85
psSAR10g [W/Kg]	0.952	0.983
Power Drift [dB]	-0.01	-0.00



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.5 °C
 Test Date: 2025/06/03
 Band: NR Band n25 Ant.F
 Plot No.: V74
 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	7.53	1.38	39.8

Hardware Setup

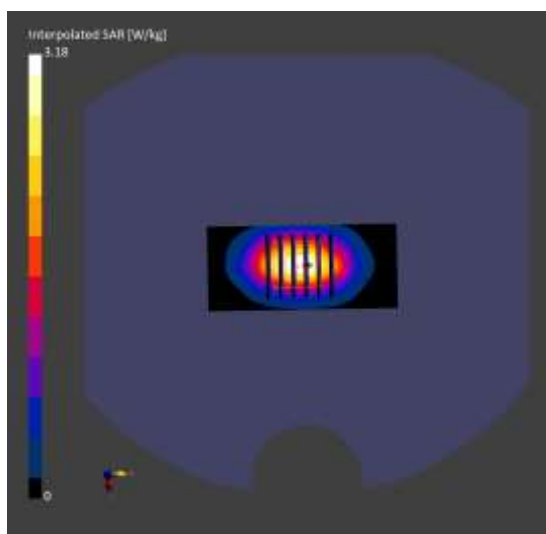
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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]	1.83	1.84
psSAR10g [W/Kg]	0.946	0.981
Power Drift [dB]	0.03	-0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.7 °C
 Test Date: 2025/06/20
 Band: NR Band n30 Ant.A
 Plot No.: V75
 Measurement Report for Device, , , CW, Channel 0 (2300.000 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--	2300.000, 0	8.02	1.70	38.3

Hardware Setup

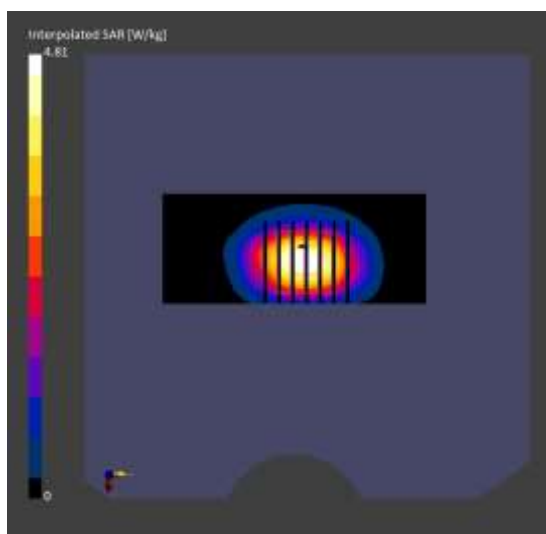
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.42	2.46
psSAR10g [W/Kg]	1.20	1.19
Power Drift [dB]	-0.08	0.00



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.1 °C
 Test Date: 2025/06/17
 Band: NR Band n30 Ant.F
 Plot No.: V76
 Measurement Report for Device, , , CW, Channel 0 (2300.000 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--	2300.000, 0	7.64	1.63	40.0

Hardware Setup

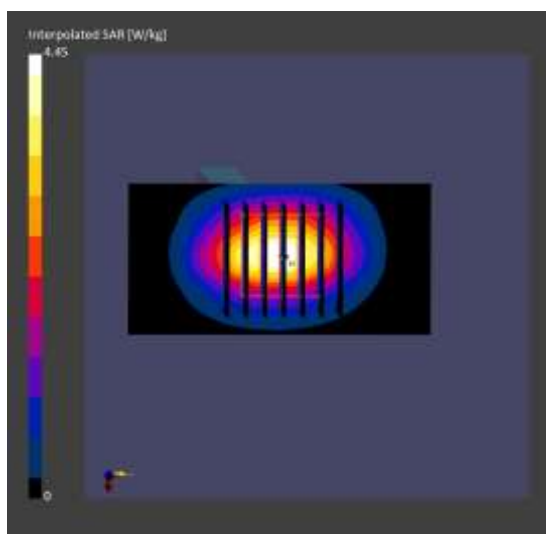
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.20	2.27
psSAR10g [W/Kg]	1.05	1.10
Power Drift [dB]	0.02	0.02



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.1 °C
 Test Date: 2025/06/19
 Band: NR Band n7 Ant.B
 Plot No.: V77
 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	7.68	1.96	38.8

Hardware Setup

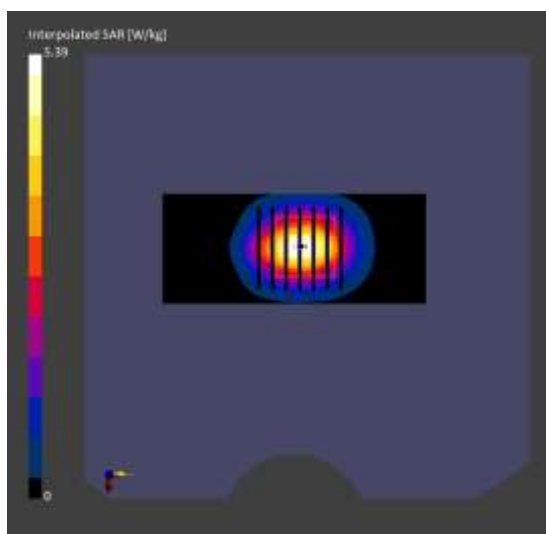
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7622, 2024-11-22	DAE4 Sn869, 2025-03-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.55	2.59
psSAR10g [W/Kg]	1.14	1.17
Power Drift [dB]	-0.07	-0.02



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.1 °C
 Test Date: 2025/06/16
 Band: NR Band n7 Ant.F
 Plot No.: V78
 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	7.4	2.00	39.2

Hardware Setup

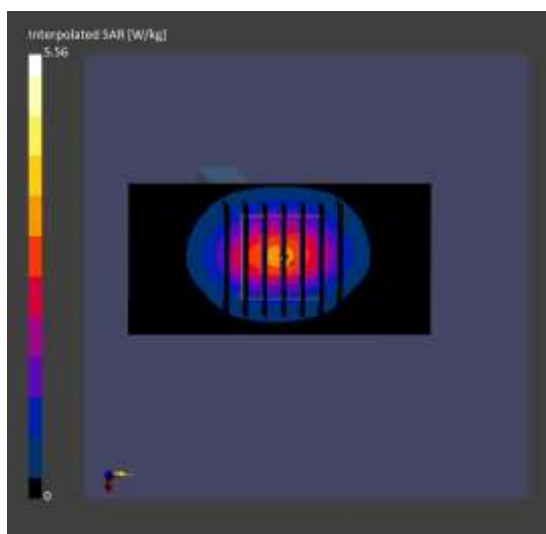
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.60	2.67
psSAR10g [W/Kg]	1.16	1.22
Power Drift [dB]	-0.01	0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.4 °C
 Test Date: 2025/06/04
 Band: NR Band n41 Ant.B
 Plot No.: V79
 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	7.4	1.92	38.4

Hardware Setup

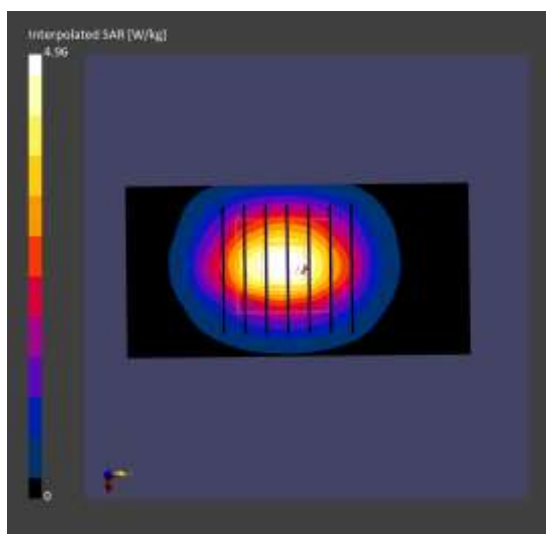
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.52	2.64
psSAR10g [W/Kg]	1.16	1.27
Power Drift [dB]	-0.00	-0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 20.6 °C
 Test Date: 2025/06/05
 Band: NR Band n41 Ant.F
 Plot No.: V80
 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	7.4	1.93	38.3

Hardware Setup

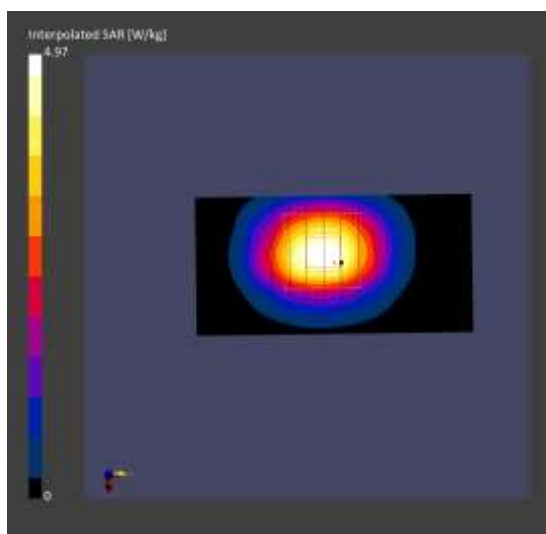
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.48	2.67
psSAR10g [W/Kg]	1.17	1.28
Power Drift [dB]	-0.01	-0.00



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 0.0 °C
 Test Date: 1900/01/00
 Band: NR Band n41 SRS
 Plot No.: V81
 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	7.4	1.93	38.5

Hardware Setup

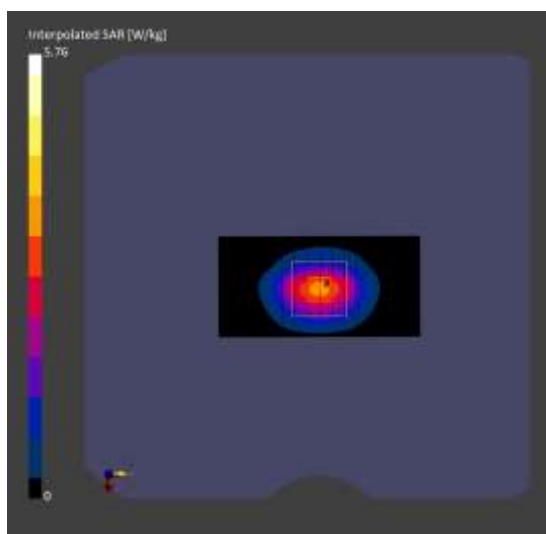
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1417, 2025-02-18

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.71	2.73
psSAR10g [W/Kg]	1.18	1.21
Power Drift [dB]	-0.02	-0.00



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.5 °C
 Test Date: 2025/06/28
 Band: NR Band n77 Ant.F
 Plot No.: V82

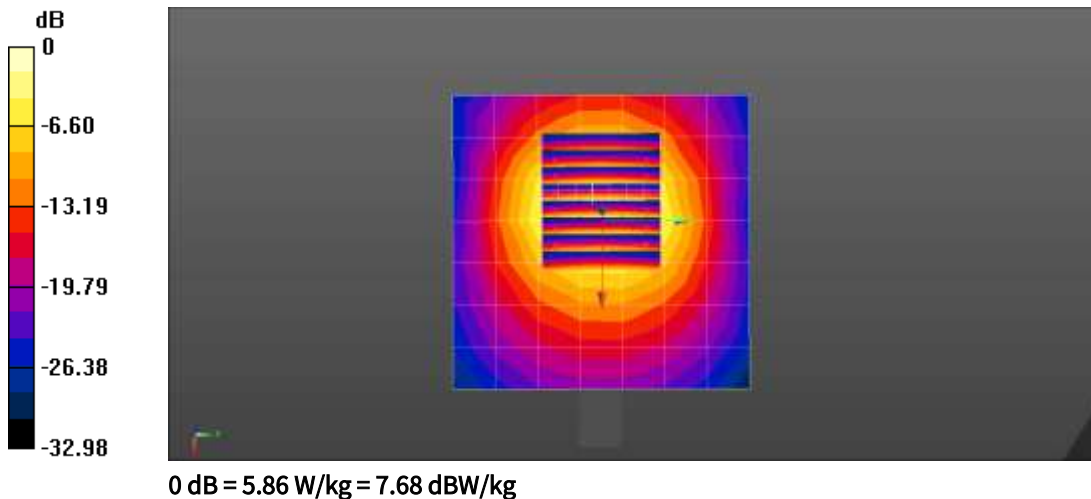
Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 3500$ MHz; $\sigma = 2.9$ S/m; $\epsilon_r = 38.07$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(6.52, 6.77, 6.58) @ 3500 MHz; Calibrated: 2024-07-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

3500MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 5.31 W/kg

3500MHz Head Verification/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 39.19 V/m; Power Drift = 0.09 dB
 Peak SAR (extrapolated) = 8.50 W/kg
SAR(1 g) = 3.18 W/kg; SAR(10 g) = 1.24 W/kg
 Maximum value of SAR (measured) = 5.86 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.5 °C
 Test Date: 2025/06/26
 Band: NR Band n48 Ant.F
 Plot No.: V83

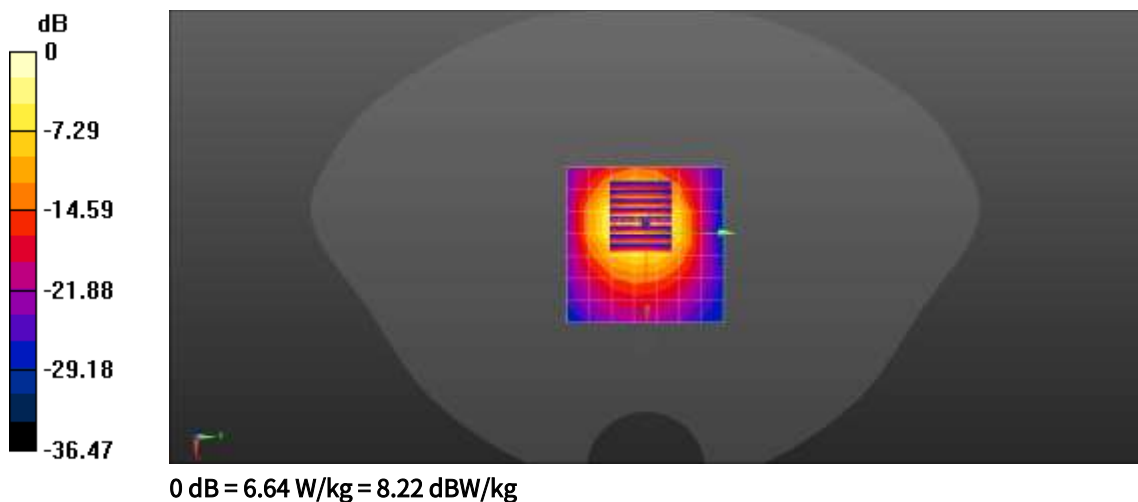
Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 3500$ MHz; $\sigma = 2.83$ S/m; $\epsilon_r = 38.295$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(6.52, 6.77, 6.58) @ 3500 MHz; Calibrated: 2024-07-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

3500MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 5.39 W/kg

3500MHz Head Verification/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 32.85 V/m; Power Drift = 0.11 dB
 Peak SAR (extrapolated) = 9.34 W/kg
SAR(1 g) = 3.45 W/kg; SAR(10 g) = 1.3 W/kg
 Maximum value of SAR (measured) = 6.64 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.7 °C
 Test Date: 2025/06/27
 Band: NR Band n48 SRS
 Plot No.: V84

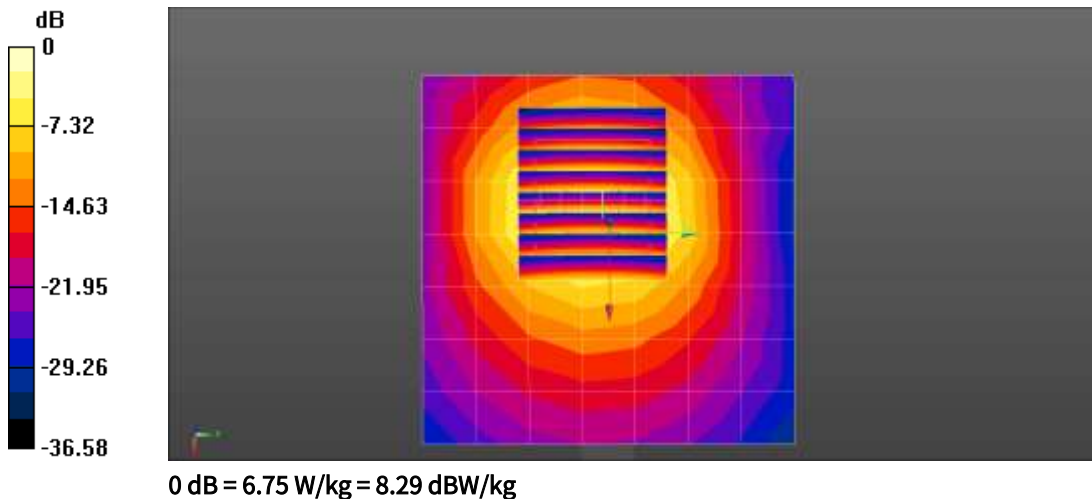
Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 3500$ MHz; $\sigma = 2.889$ S/m; $\epsilon_r = 37.795$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(6.52, 6.77, 6.58) @ 3500 MHz; Calibrated: 2024-07-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

3500MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 5.52 W/kg

3500MHz Head Verification/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 33.71 V/m; Power Drift = 0.07 dB
 Peak SAR (extrapolated) = 9.61 W/kg
SAR(1 g) = 3.54 W/kg; SAR(10 g) = 1.33 W/kg
 Maximum value of SAR (measured) = 6.75 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.8 °C
 Test Date: 2025/06/29
 Band: NR Band n77 SRS
 Plot No.: V85

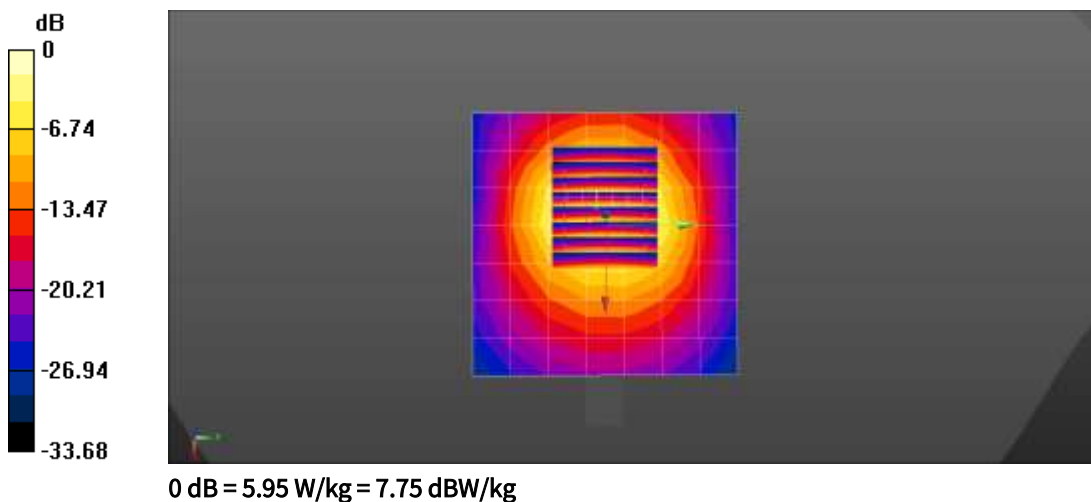
Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 3500 \text{ MHz}$; $\sigma = 2.944 \text{ S/m}$; $\epsilon_r = 38.68$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(6.52, 6.77, 6.58) @ 3500 MHz; Calibrated: 2024-07-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

3500MHz Head Verification/Area Scan (8x8x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
 Maximum value of SAR (measured) = 5.35 W/kg

3500MHz Head Verification/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
 Reference Value = 39.21 V/m; Power Drift = 0.07 dB
 Peak SAR (extrapolated) = 8.59 W/kg
SAR(1 g) = 3.21 W/kg; SAR(10 g) = 1.25 W/kg
 Maximum value of SAR (measured) = 5.95 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.5 °C
 Test Date: 2025/06/26
 Band: NR Band n48 Ant.F
 Plot No.: V86

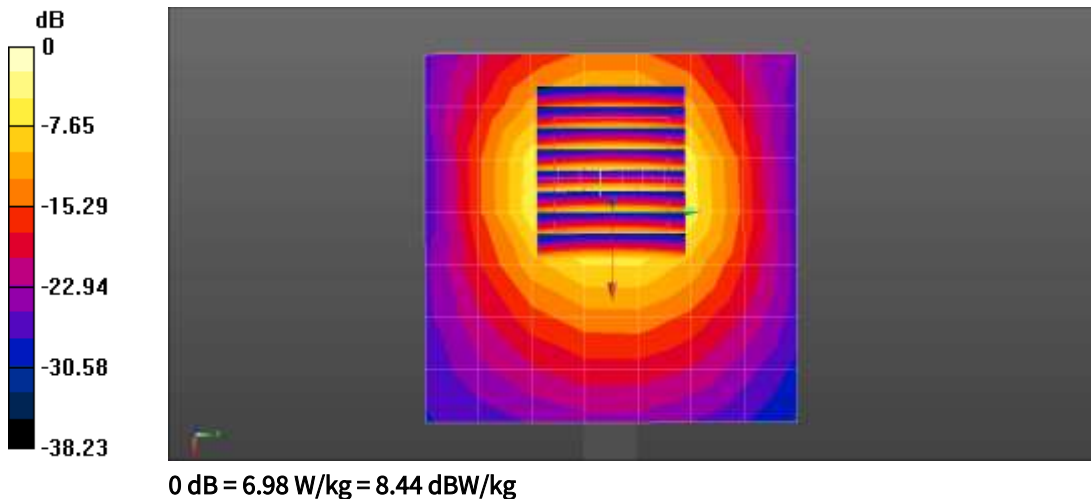
Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 3700 \text{ MHz}$; $\sigma = 3.14 \text{ S/m}$; $\epsilon_r = 38.307$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(6.43, 6.68, 6.49) @ 3700 MHz; Calibrated: 2024-07-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

3700MHz Head Verification/Area Scan (8x8x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
 Maximum value of SAR (measured) = 5.13 W/kg

3700MHz Head Verification/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
 Reference Value = 33.31 V/m; Power Drift = 0.13 dB
 Peak SAR (extrapolated) = 10.0 W/kg
SAR(1 g) = 3.6 W/kg; SAR(10 g) = 1.32 W/kg
 Maximum value of SAR (measured) = 6.98 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.7 °C
 Test Date: 2025/06/27
 Band: NR Band n48 SRS
 Plot No.: V87

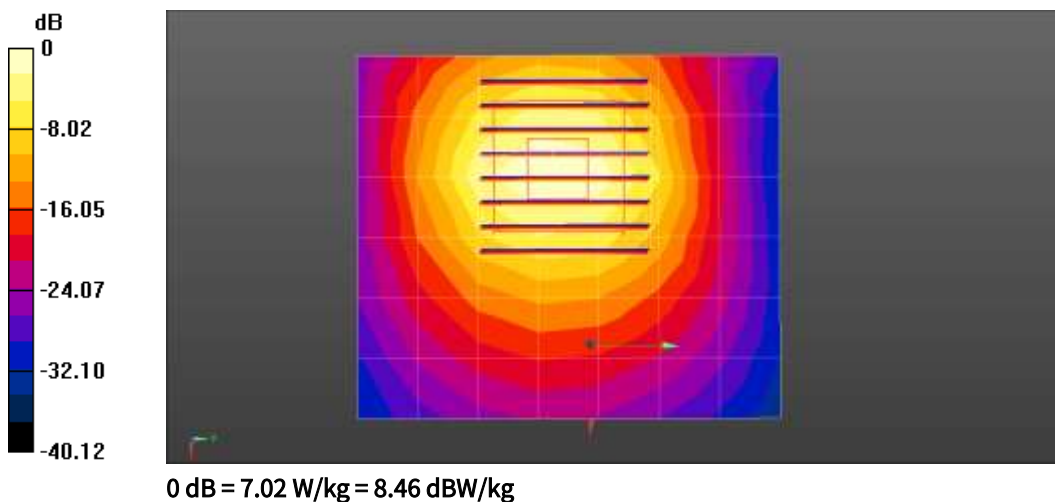
Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 3700 \text{ MHz}$; $\sigma = 3.075 \text{ S/m}$; $\epsilon_r = 37.472$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(6.43, 6.68, 6.49) @ 3700 MHz; Calibrated: 2024-07-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

3700MHz Head Verification/Area Scan (7x8x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
 Maximum value of SAR (measured) = 6.99 W/kg

3700MHz Head Verification/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
 Reference Value = 27.47 V/m; Power Drift = 0.17 dB
 Peak SAR (extrapolated) = 10.7 W/kg
SAR(1 g) = 3.54 W/kg; SAR(10 g) = 1.26 W/kg
 Maximum value of SAR (measured) = 7.02 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.5 °C
 Test Date: 2025/06/28
 Band: NR Band n77 Ant.F
 Plot No.: V88

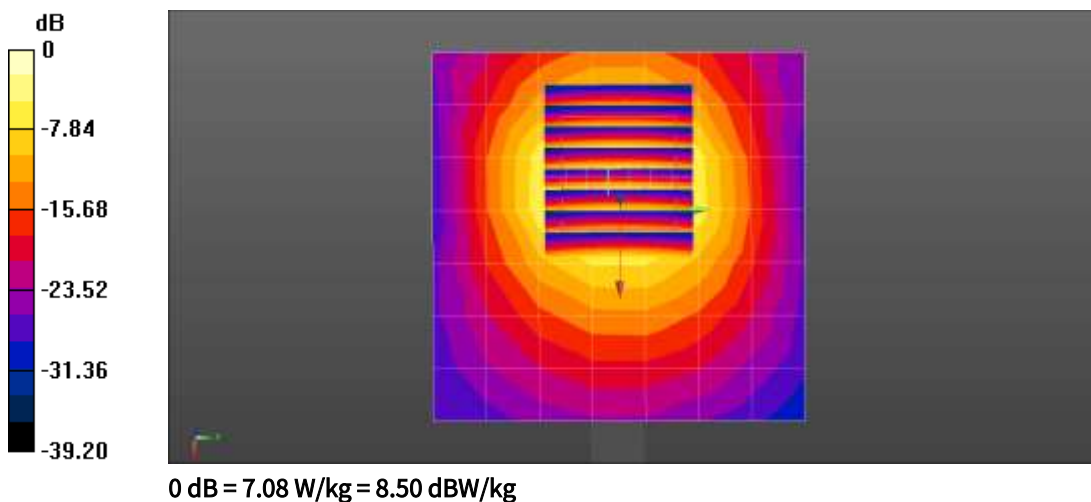
Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 3700$ MHz; $\sigma = 3.14$ S/m; $\epsilon_r = 38.307$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(6.43, 6.68, 6.49) @ 3700 MHz; Calibrated: 2024-07-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

3700MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 5.14 W/kg

3700MHz Head Verification/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 33.35 V/m; Power Drift = 0.19 dB
 Peak SAR (extrapolated) = 10.2 W/kg
SAR(1 g) = 3.62 W/kg; SAR(10 g) = 1.32 W/kg
 Maximum value of SAR (measured) = 7.08 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.8 °C
 Test Date: 2025/06/29
 Band: NR Band n77 SRS
 Plot No.: V89

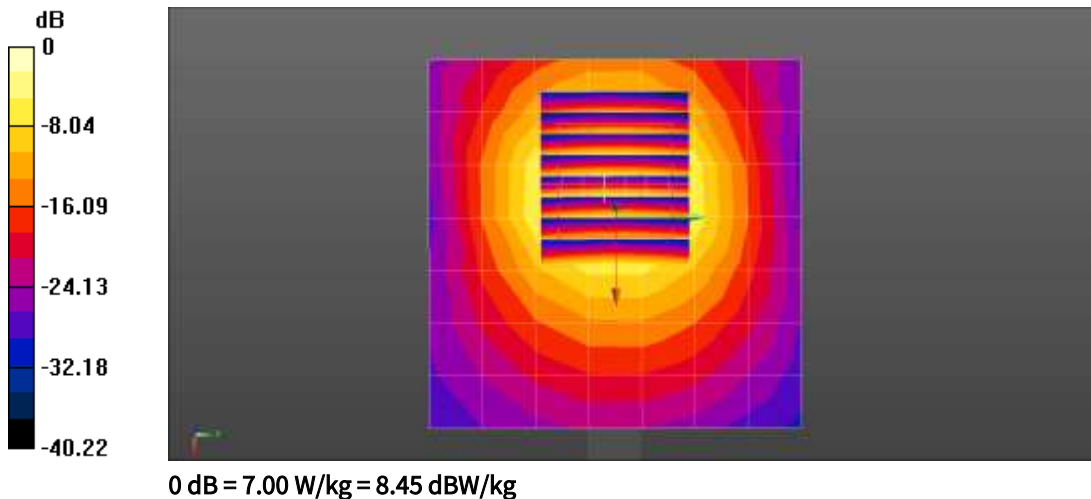
Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 3700$ MHz; $\sigma = 3.14$ S/m; $\epsilon_r = 38.307$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(6.43, 6.68, 6.49) @ 3700 MHz; Calibrated: 2024-07-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

3700MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 5.14 W/kg

3700MHz Head Verification/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 33.28 V/m; Power Drift = 0.18 dB
 Peak SAR (extrapolated) = 10.1 W/kg
SAR(1 g) = 3.61 W/kg; SAR(10 g) = 1.32 W/kg
 Maximum value of SAR (measured) = 7.00 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.5 °C
 Test Date: 2025/06/28
 Band: NR Band n77 Ant.F
 Plot No.: V90

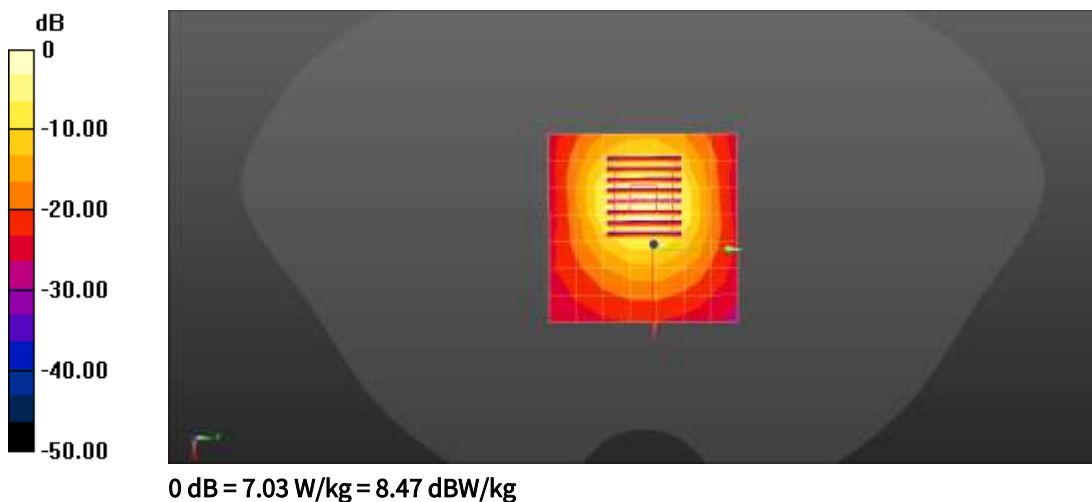
Communication System: UID 0, CW (0); Frequency: 3900 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 3900$ MHz; $\sigma = 3.28$ S/m; $\epsilon_r = 37.422$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(6.29, 6.53, 6.35) @ 3900 MHz; Calibrated: 2024-07-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

3900MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 5.06 W/kg

3900MHz Head Verification/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 32.05 V/m; Power Drift = 0.11 dB
 Peak SAR (extrapolated) = 10.4 W/kg
SAR(1 g) = 3.5 W/kg; SAR(10 g) = 1.22 W/kg
 Maximum value of SAR (measured) = 7.03 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 21.8 °C
 Test Date: 2025/06/29
 Band: NR Band n77 SRS
 Plot No.: V91

Communication System: UID 0, CW (0); Frequency: 3900 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 3900 \text{ MHz}$; $\sigma = 3.33 \text{ S/m}$; $\epsilon_r = 38.067$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(6.29, 6.53, 6.35) @ 3900 MHz; Calibrated: 2024-07-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2025-03-19
- Phantom: Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

3900MHz Head Verification/Area Scan (8x8x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
 Maximum value of SAR (measured) = 5.09 W/kg

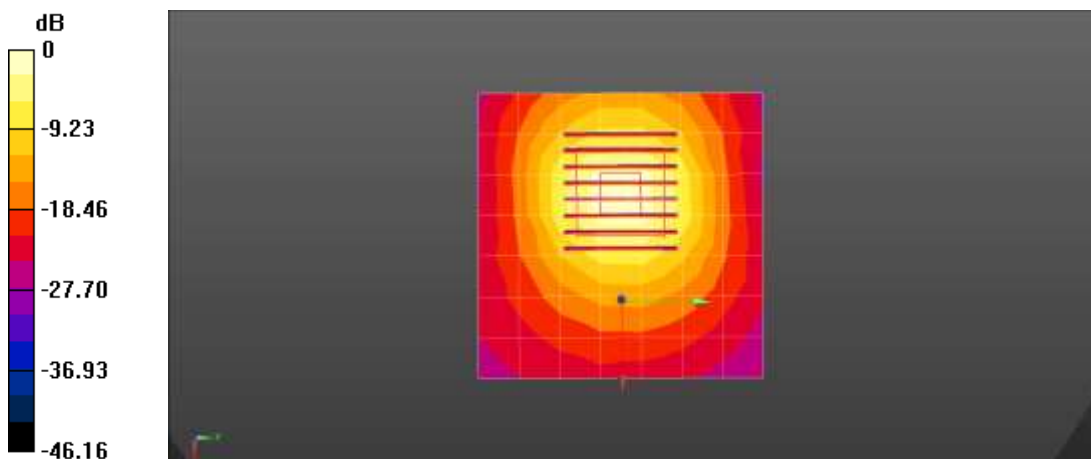
3900MHz Head Verification/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 32.12 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 10.6 W/kg

SAR(1 g) = 3.56 W/kg; SAR(10 g) = 1.25 W/kg

Maximum value of SAR (measured) = 7.13 W/kg



0 dB = 7.13 W/kg = 8.53 dBW/kg

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temperature: 22.4 °C
 Test Date: 05/28/2025
 Band: NFC
 Plot No.: V92

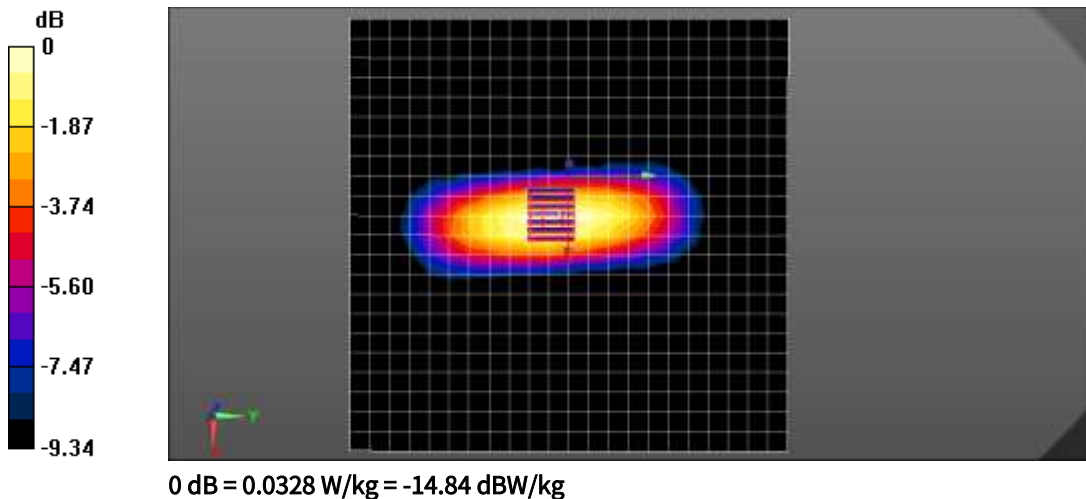
Communication System: UID 0, CW (0); Frequency: 13 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 13 \text{ MHz}$; $\sigma = 0.719 \text{ S/m}$; $\epsilon_r = 53.848$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

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) = 0.0320 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 = 6.085 V/m; Power Drift = 0.19 dB
 Peak SAR (extrapolated) = 0.0570 W/kg
SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.017 W/kg
 Maximum value of SAR (measured) = 0.0328 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Test Date: 07/02/2025
 Band: 6E PD
 Plot No.: V93
 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

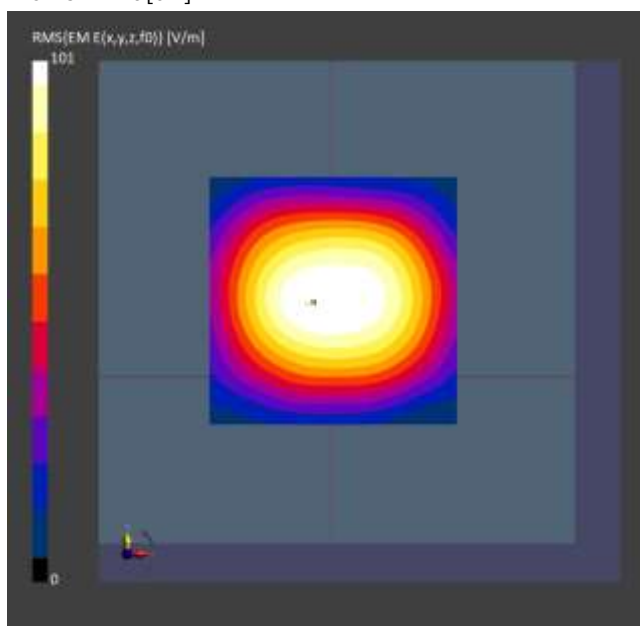
Phantom	Medium Probe, Calibration Date	DAE, Calibration Date
mmWave - xxxx Air -	EUmmWV4 - SN9464_F1-55GHz, 2025-02-24	DAE4 Sn1254, 2025-05-21

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 [cm2]	4.00
psPDn+ [W/m2]	24.4
psPDtot+ [W/m2]	24.6
E _{max} [V/m]	101
Power Drift [dB]	0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Test Date: 07/03/2025
 Band: 6E PD
 Plot No.: V94
 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

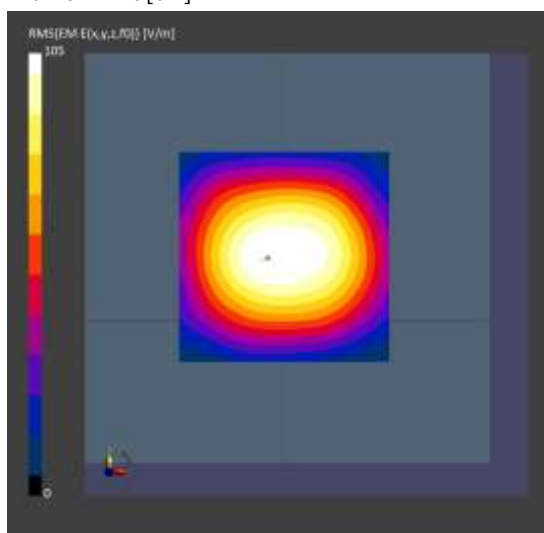
Phantom Medium Probe, Calibration Date DAE, Calibration Date
 mmWave - xxxx Air - EUmWV4 - SN9464_F1-55GHz, 2025-02-24 DAE4 Sn1254, 2025-05-21

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 [cm2]	4.00
psPDn+ [W/m2]	26.2
psPDtot+ [W/m2]	26.4
E _{max} [V/m]	105
Power Drift [dB]	0.02



Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Test Date: 07/04/2025
 Band: 6E PD
 Plot No.: V95
 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

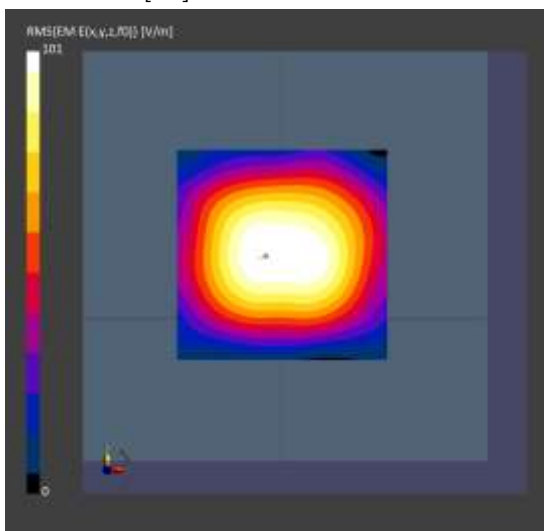
Phantom	Medium Probe, Calibration Date	DAE, Calibration Date
mmWave - xxxx Air -	EUmmWV4 - SN9464_F1-55GHz, 2025-02-24	DAE4 Sn1254, 2025-05-21

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 [cm2]	4.00
psPDn+ [W/m2]	24.8
psPDtot+ [W/m2]	24.9
E _{max} [V/m]	101
Power Drift [dB]	0.06



Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Test Date: 07/05/2025
Band: 6E PD
Plot No.: V96
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

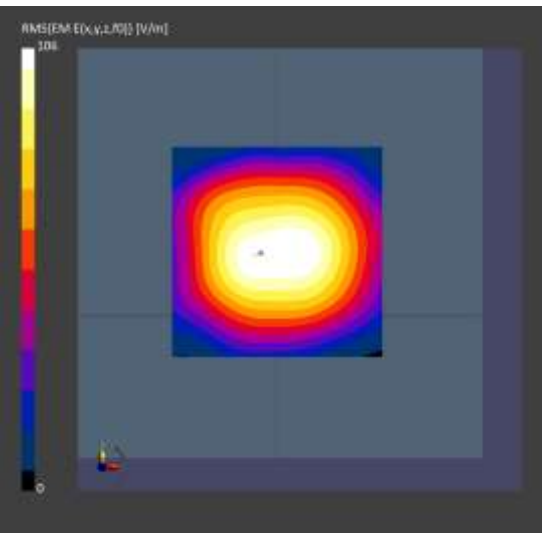
Phantom Medium Probe, Calibration Date DAE, Calibration Date
mmWave - xxxx Air - EUmWV4 - SN9464_F1-55GHz, 2025-02-24 DAE4 Sn1254, 2025-05-21

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 [cm2]	4.00
psPDn+ [W/m2]	25.6
psPDtot+ [W/m2]	26.3
Emax [V/m]	106
Power Drift [dB]	0.03



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
7	7622	EX3DV4	Head	750	1014	2024-12-04	42.0	0.88	PASS	PASS	PASS	N/A	N/A	N/A
1	3768	EX3DV4	Head	750	1014	2024-08-21	41.7	0.87	PASS	PASS	PASS	N/A	N/A	N/A
2	3797	EX3DV4	Head	835	441	2025-01-23	41.6	0.89	PASS	PASS	PASS	N/A	N/A	N/A
7	7622	EX3DV4	Head	835	441	2024-12-04	41.6	0.90	PASS	PASS	PASS	GMSK	PASS	N/A
7	7622	EX3DV4	Head	835	441	2024-12-04	41.6	0.90	PASS	PASS	PASS	N/A	N/A	N/A
6	7370	EX3DV4	Head	1640	345	2024-08-23	40.4	1.33	PASS	PASS	PASS	N/A	N/A	N/A
1	3768	EX3DV4	Head	1900	5d061	2025-05-12	39.9	1.40	PASS	PASS	PASS	N/A	N/A	N/A
2	3797	EX3DV4	Head	1750	2d007	2025-01-23	40.1	1.39	PASS	PASS	PASS	N/A	N/A	N/A
2	3797	EX3DV4	Head	1900	5d061	2025-01-23	40.0	1.41	PASS	PASS	PASS	N/A	N/A	N/A
7	7622	EX3DV4	Head	1900	5d061	2025-02-01	39.7	1.41	PASS	PASS	PASS	GMSK	PASS	N/A
2	3797	EX3DV4	Head	2300	1010	2025-01-23	39.4	1.72	PASS	PASS	PASS	N/A	N/A	N/A
5	3076	ES3DV3	Head	2300	1010	2024-07-27	39.6	1.69	PASS	PASS	PASS	N/A	N/A	N/A
7	7622	EX3DV4	Head	2300	1010	2024-12-04	39.2	1.83	PASS	PASS	PASS	N/A	N/A	N/A
2	3797	EX3DV4	Head	2300	1010	2025-01-23	39.4	1.72	PASS	PASS	PASS	N/A	N/A	N/A
11	7655	EX3DV4	Head	2450	743	2025-06-06	39.3	1.81	PASS	PASS	PASS	OFDM	N/A	PASS
2	3797	EX3DV4	Head	2450	743	2025-03-15	39.3	1.83	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
7	7622	EX3DV4	Head	2600	1015	2024-12-04	38.8	1.97	PASS	PASS	PASS	N/A	N/A	N/A
2	3797	EX3DV4	Head	2600	1015	2025-01-23	39.1	1.94	PASS	PASS	PASS	N/A	N/A	N/A
2	3797	EX3DV4	Head	2600	1015	2025-01-23	39.1	1.94	PASS	PASS	PASS	TDD	PASS	N/A
5	3076	ES3DV3	Head	2600	1015	2024-07-27	38.9	1.95	PASS	PASS	PASS	TDD	PASS	N/A
3	3903	EX3DV4	Head	3500	1040	2025-01-27	37.8	2.91	PASS	PASS	PASS	TDD	PASS	N/A
3	3903	EX3DV4	Head	3700	1105	2024-09-30	37.7	3.17	PASS	PASS	PASS	TDD	PASS	N/A
3	3903	EX3DV4	Head	3900	1019	2025-05-30	37.5	3.36	PASS	PASS	PASS	TDD	PASS	N/A
9	7309	EX3DV4	Head	5250	1107	2024-06-30	35.8	4.72	PASS	PASS	PASS	OFDM	N/A	PASS
7	7622	EX3DV4	Head	5250	1107	2024-12-04	35.6	4.71	PASS	PASS	PASS	OFDM	N/A	PASS
8	7654	EX3DV4	Head	5250	1107	2024-05-31	36.1	4.67	PASS	PASS	PASS	OFDM	N/A	PASS
9	7309	EX3DV4	Head	5600	1107	2024-06-30	35.2	5.10	PASS	PASS	PASS	OFDM	N/A	PASS
7	7622	EX3DV4	Head	5600	1107	2024-12-04	35.2	5.04	PASS	PASS	PASS	OFDM	N/A	PASS
8	7654	EX3DV4	Head	5600	1107	2024-05-31	35.7	5.12	PASS	PASS	PASS	OFDM	N/A	PASS
9	7309	EX3DV4	Head	5750	1107	2024-06-30	35.4	5.22	PASS	PASS	PASS	OFDM	N/A	PASS
7	7622	EX3DV4	Head	5750	1107	2024-12-04	35.6	5.23	PASS	PASS	PASS	OFDM	N/A	PASS
8	7654	EX3DV4	Head	5750	1107	2024-05-31	35.4	5.22	PASS	PASS	PASS	OFDM	N/A	PASS
9	7309	EX3DV4	Head	5800	1107	2024-06-30	35.3	5.26	PASS	PASS	PASS	OFDM	N/A	PASS
7	7622	EX3DV4	Head	5800	1107	2024-12-04	35.4	5.24	PASS	PASS	PASS	OFDM	N/A	PASS
8	7654	EX3DV4	Head	5800	1107	2024-05-31	35.3	5.25	PASS	PASS	PASS	OFDM	N/A	PASS
7	7622	EX3DV4	Head	6500	1012	2024-12-04	34.7	5.97	PASS	PASS	PASS	OFDM	N/A	PASS

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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

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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.