

Appendix B. – SAR Test Plots

EUT Type: Mobile Phone
 Ambient Temperature: 21.5°C
 Liquid Temperature: 21.4°C
 Test Date: 03/24/2025
 Band: GSM 850 Head SAR_Ant.A
 Plot No.: A1

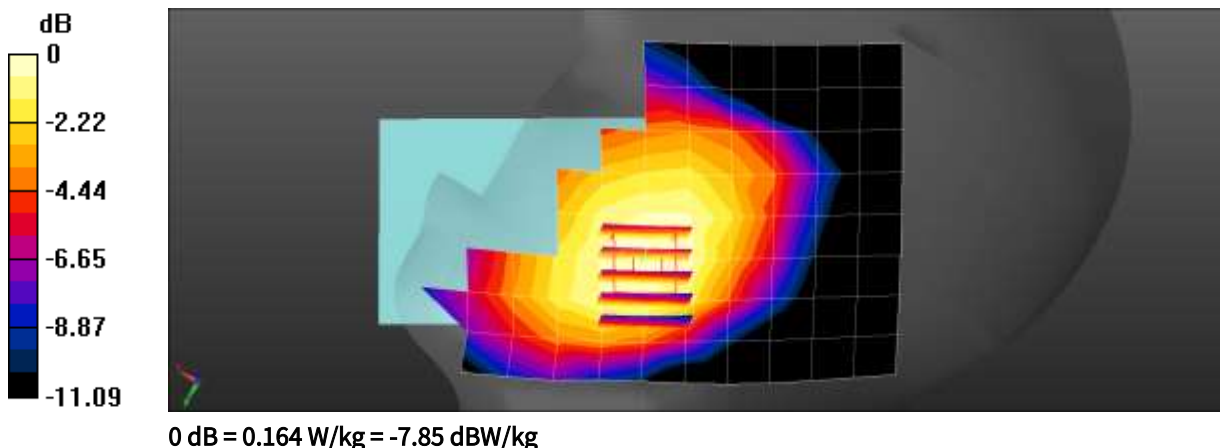
Communication System: UID 10028 - DAC, GPRS-FDD (TDMA, GMSK, TN 0-1-2-3); Frequency: 836.6 MHz; Duty Cycle: 1:2.26569
 Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.918$ S/m; $\epsilon_r = 42.409$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(8.83, 9.11, 8.9) @ 836.6 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1225; Calibrated: 2025-02-18
- 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)

GSM850 Head Right Touch 4Tx 190ch/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.165 W/kg

GSM850 Head Right Touch 4Tx 190ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 4.358 V/m; Power Drift = -0.14 dB
 Peak SAR (extrapolated) = 0.179 W/kg
SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.104 W/kg
 Maximum value of SAR (measured) = 0.164 W/kg



EUT Type: Mobile Phone
 Ambient Temperature: 21.8°C
 Liquid Temperature: 21.7°C
 Test Date: 03/25/2025
 Band: GSM 1900 Head SAR_Ant.A
 Plot No.: A2

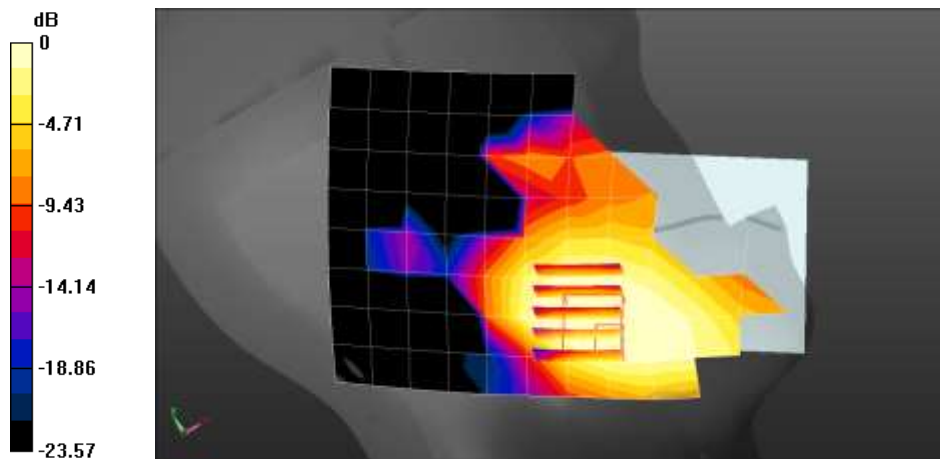
Communication System: UID 10028 - DAC, GPRS-FDD (TDMA, GMSK, TN 0-1-2); Frequency: 1880 MHz; Duty Cycle: 1:2.26569
 Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.367$ S/m; $\epsilon_r = 38.989$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.34, 7.57, 7.4) @ 1880 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1225; Calibrated: 2025-02-18
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

GSM1900 Head Left Touch 661ch/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.0927 W/kg

GSM1900 Head Left Touch 661ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 2.064 V/m; Power Drift = -0.13 dB
 Peak SAR (extrapolated) = 0.0710 W/kg
SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.027 W/kg
 Maximum value of SAR (measured) = 0.0635 W/kg



0 dB = 0.0635 W/kg = -11.97 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 20.1°C
 Liquid Temperature: 20.0°C
 Test Date: 03/04/2025
 Band: UMTS Band 5 Head SAR_Ant.A
 Plot No.: A3
 Measurement Report for Device, CHEEK, Band 5, UMTS-FDD (WCDMA), Channel 4183 (836.600 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
RightHead, Head Simulating Liquid	CHEEK, 0.00	Band 5	WCDMA, 10011-CAC	836.600, 4183	8.84	0.930	42.5

Hardware Setup

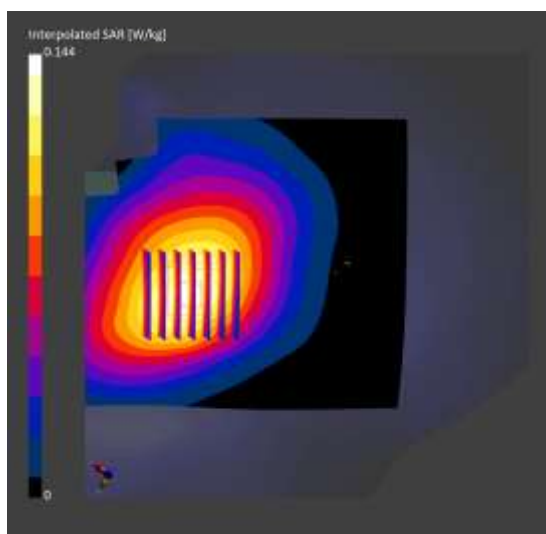
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1750, 2024-09-13

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]	0.122	0.127
psSAR10g [W/Kg]	0.084	0.100
Power Drift [dB]	0.19	0.13



EUT Type: Mobile Phone
 Ambient Temperature: 22.3°C
 Liquid Temperature: 22.2°C
 Test Date: 04/27/2025
 Band: UMTS Band 4 Head SAR_Ant.I
 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	8.33	1.33	40.6

Hardware Setup

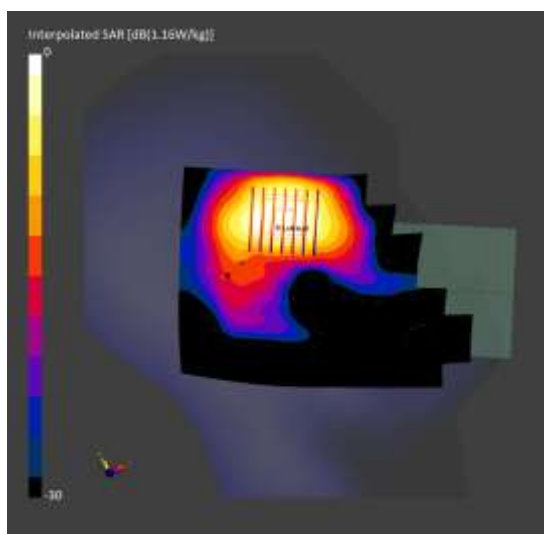
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7732, 2024-06-19	DAE4 Sn1254, 2024-05-16

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.393	0.561
psSAR10g [W/Kg]	0.211	0.257
Power Drift [dB]	0.17	0.05



EUT Type: Mobile Phone
 Ambient Temperature: 22.3°C
 Liquid Temperature: 22.2°C
 Test Date: 04/26/2025
 Band: UMTS Band 2 Head SAR_Ant.I
 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	7.45	1.40	40.0

Hardware Setup

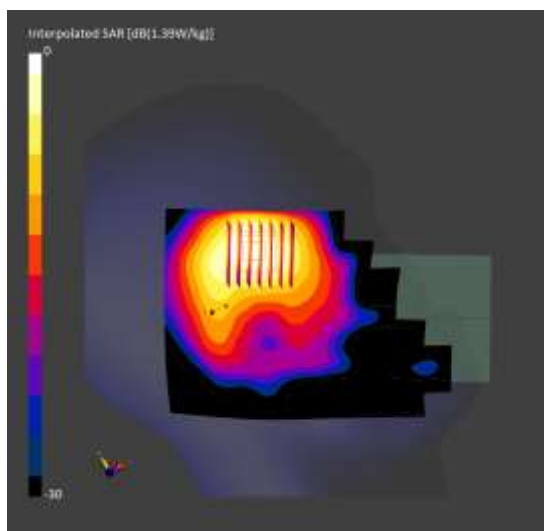
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7732, 2024-06-19	DAE4 Sn1254, 2024-05-16

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.406	0.663
psSAR10g [W/Kg]	0.225	0.298
Power Drift [dB]	0.07	-0.18



EUT Type: Mobile Phone
 Ambient Temperature: 21.7°C
 Liquid Temperature: 21.6°C
 Test Date: 02/28/2025
 Band: LTE FDD Band 7 Head SAR_Ant.I
 Plot No.: A6

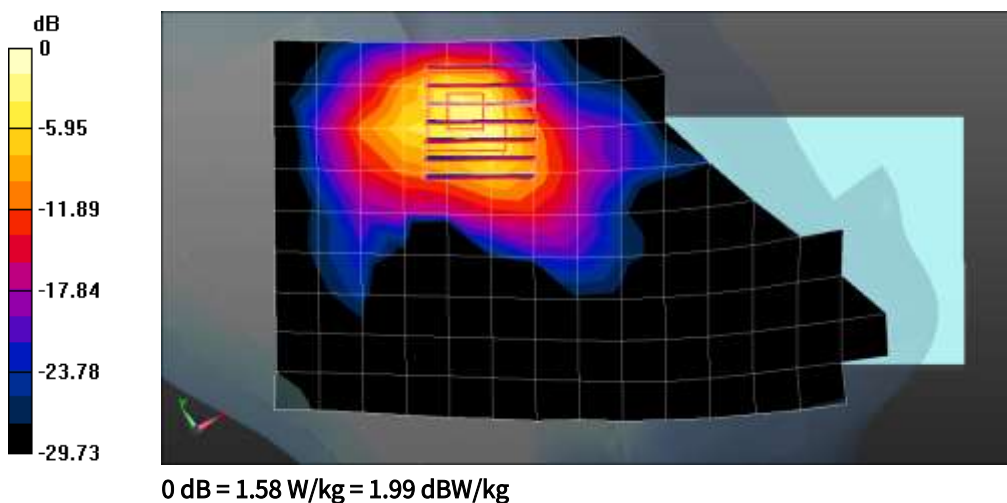
Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2560 MHz; Duty Cycle: 1:3.73852
 Medium parameters used (interpolated): $f = 2560$ MHz; $\sigma = 1.89$ S/m; $\epsilon_r = 38.886$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.54, 7.86, 7.15) @ 2560 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Right; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 7 Head Left Touch QPSK 20MHz 1RB 0offset 21350ch/Area Scan (10x18x1): Measurement
 grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 1.07 W/kg

LTE Band 7 Head Left Touch QPSK 20MHz 1RB 0offset 21350ch/Zoom Scan (7x7x7)/Cube 0:
 Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 1.973 V/m; Power Drift = 0.06 dB
 Peak SAR (extrapolated) = 2.19 W/kg
SAR(1 g) = 0.769 W/kg; SAR(10 g) = 0.283 W/kg
 Maximum value of SAR (measured) = 1.58 W/kg



EUT Type: Mobile Phone
 Ambient Temperature: 20.5°C
 Liquid Temperature: 20.4°C
 Test Date: 02/28/2025
 Band: LTE FDD Band 12 Head SAR_Ant.A
 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	9.12	0.917	41.9

Hardware Setup

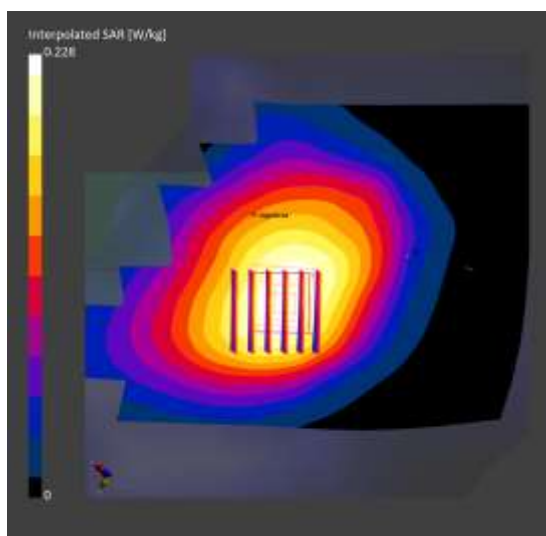
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7655, 2024-05-28	DAE4 Sn1686, 2024-06-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.188	0.198
psSAR10g [W/Kg]	0.132	0.160
Power Drift [dB]	0.16	0.16



EUT Type: Mobile Phone
 Ambient Temperature: 21.3°C
 Liquid Temperature: 21.2°C
 Test Date: 03/01/2025
 Band: LTE FDD Band 13 Head SAR_Ant.A
 Plot No.: A8
 Measurement Report for Device, CHEEK, Band 13, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)
 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
RightHead, Head Simulating Liquid	CHEEK, 0.00	Band 13	LTE-FDD, 10175-CAH	782.000, 23230	9.12	0.920	40.8

Hardware Setup

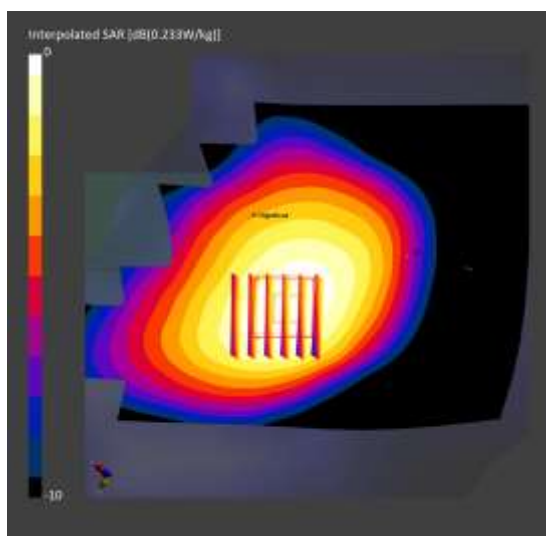
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7655, 2024-05-28	DAE4 Sn1686, 2024-06-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.189	0.195
psSAR10g [W/Kg]	0.130	0.153
Power Drift [dB]	0.01	0.12



EUT Type: Mobile Phone
Ambient Temperature: 21.5°C
Liquid Temperature: 21.4°C
Test Date: 03/02/2025
Band: LTE FDD Band 14 Head SAR_Ant.A
Plot No.: A9
Measurement Report for Device, CHEEK, Band 14, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)
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
RightHead, Head Simulating Liquid	CHEEK, 0.00	Band 14	LTE-FDD, 10175-CAH	793.000, 23330	9.12	0.931	40.6

Hardware Setup

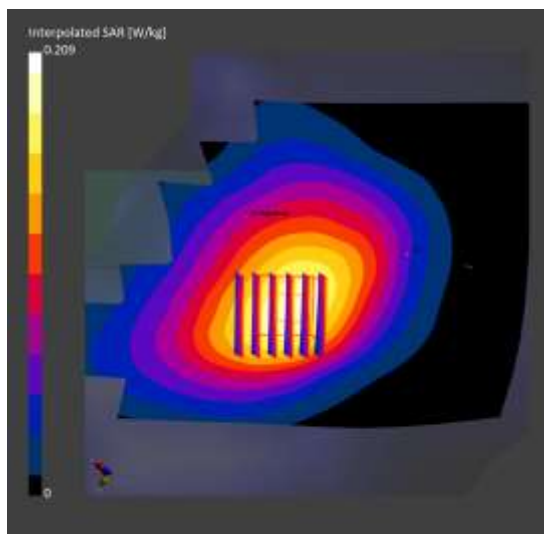
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7655, 2024-05-28	DAE4 Sn1686, 2024-06-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.169	0.174
psSAR10g [W/Kg]	0.116	0.136
Power Drift [dB]	0.17	0.10



EUT Type: Mobile Phone
 Ambient Temperature: 22.2°C
 Liquid Temperature: 22.1°C
 Test Date: 03/27/2025
 Band: LTE FDD Band 25 Head SAR_Ant.I
 Plot No.: A10

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1860 MHz; Duty Cycle: 1:3.73852
 Medium parameters used (interpolated): $f = 1860$ MHz; $\sigma = 1.365$ S/m; $\epsilon_r = 39.236$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(8.01, 8.36, 7.6) @ 1860 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Left; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 25 Head Left Touch QPSK 20MHz 1RB 0offset 26140ch/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.586 W/kg

LTE Band 25 Head Left Touch QPSK 20MHz 1RB 0offset 26140ch/Zoom Scan (5x5x7)/Cube 0:

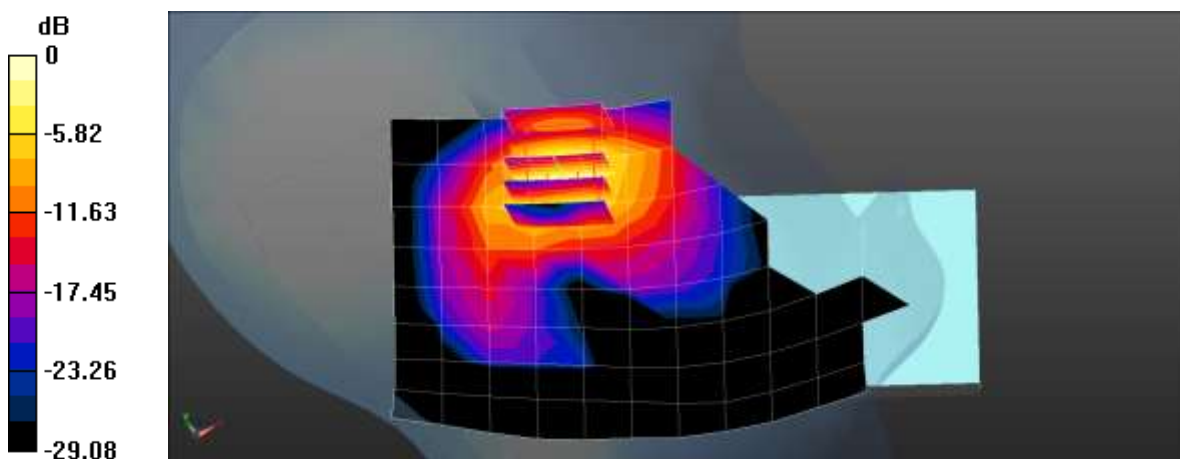
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.045 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.686 W/kg; SAR(10 g) = 0.303 W/kg

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



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

EUT Type: Mobile Phone
 Ambient Temperature: 21.4°C
 Liquid Temperature: 21.3°C
 Test Date: 03/03/2025
 Band: LTE FDD Band 26 Head SAR_Ant.A
 Plot No.: A11
 Measurement Report for Device, CHEEK, Band 26, LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)
 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
RightHead, Head Simulating Liquid	CHEEK, 0.00	Band 26	LTE-FDD, 10181-CAF	831.500, 26865	9.18	0.921	42.5

Hardware Setup

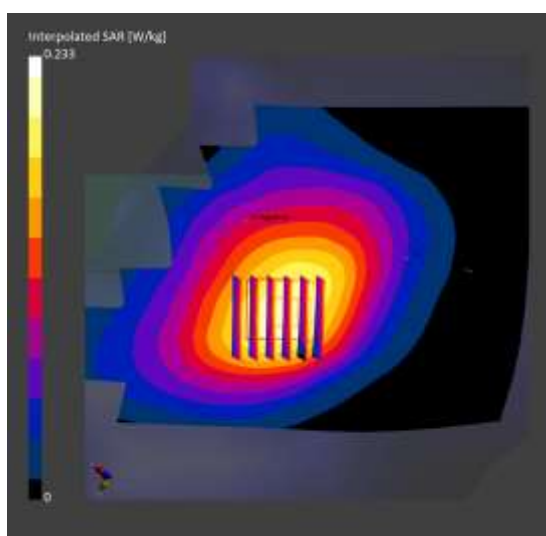
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7655, 2024-05-28	DAE4 Sn1686, 2024-06-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.188	0.194
psSAR10g [W/Kg]	0.129	0.151
Power Drift [dB]	0.11	0.02



EUT Type: Mobile Phone
 Ambient Temperature: 22.5°C
 Liquid Temperature: 22.4°C
 Test Date: 03/02/2025
 Band: LTE FDD Band 30 Head SAR_Ant.I
 Plot No.: A12

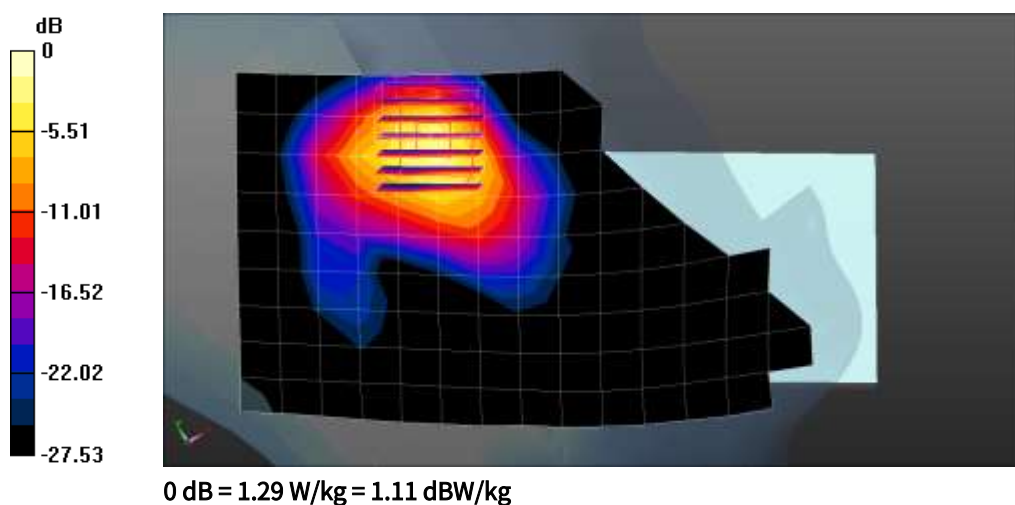
Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 2310 MHz; Duty Cycle: 1:3.73594
 Medium parameters used (interpolated): $f = 2310$ MHz; $\sigma = 1.722$ S/m; $\epsilon_r = 39.146$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.6, 7.92, 7.21) @ 2310 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Right; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 30 Head Left Touch QPSK 10MHz 1RB 49offset 27710ch/Area Scan (10x18x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 1.01 W/kg

LTE Band 30 Head Left Touch QPSK 10MHz 1RB 49offset 27710ch/Zoom Scan (7x7x7)/Cube 0:
 Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 3.009 V/m; Power Drift = 0.18 dB
 Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 0.633 W/kg; SAR(10 g) = 0.250 W/kg
 Maximum value of SAR (measured) = 1.29 W/kg



EUT Type: Mobile Phone
 Ambient Temperature: 23.3°C
 Liquid Temperature: 23.2°C
 Test Date: 03/06/2025
 Band: LTE TDD Band 41 Head SAR_Ant.I
 Plot No.: A13

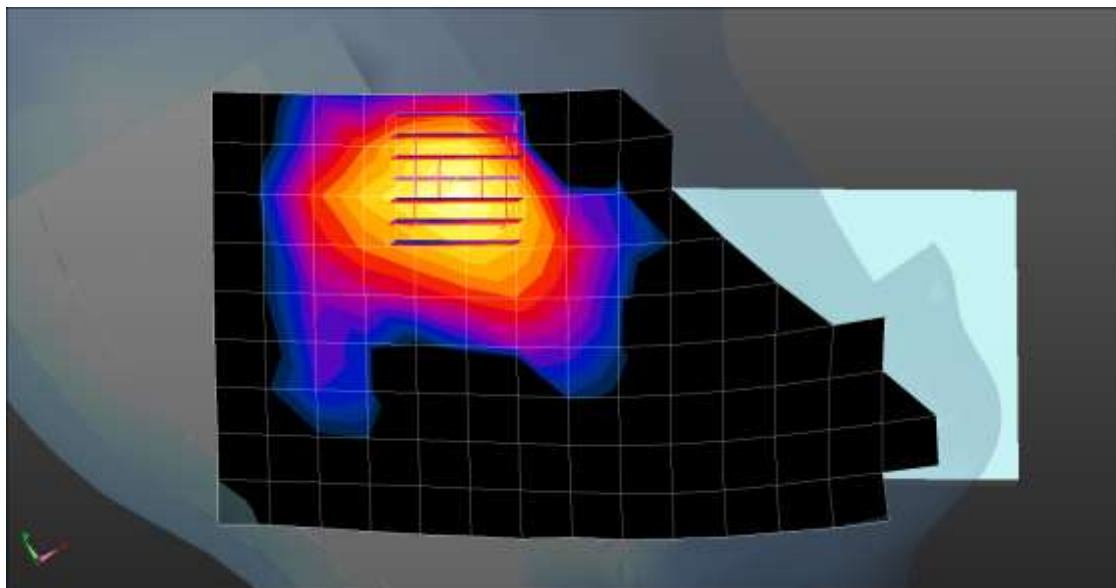
Communication System: UID 10435 - AAF, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9); Frequency: 2593 MHz; Duty Cycle: 1:6.05899
 Medium parameters used (interpolated): $f = 2593$ MHz; $\sigma = 1.944$ S/m; $\epsilon_r = 38.635$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.54, 7.86, 7.15) @ 2593 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Right; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 41 Head Left Touch QPSK 20MHz 50RB 0offset 40185ch/Area Scan (10x18x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.759 W/kg

LTE Band 41 Head Left Touch QPSK 20MHz 50RB 0offset 40185ch/Zoom Scan (7x7x7)/Cube 0:
 Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 1.949 V/m; Power Drift = 0.15 dB
 Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.445 W/kg; SAR(10 g) = 0.164 W/kg
 Maximum value of SAR (measured) = 0.951 W/kg



0 dB = 0.951 W/kg = -0.22 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 21.5°C
 Liquid Temperature: 21.4°C
 Test Date: 03/05/2025
 Band: LTE TDD Band 48 Head SAR_Ant.F
 Plot No.: A14
 Measurement Report for Device, CHEEK, Band 48, LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) RBPosition:Low AntennaCfg:SISO, Channel 56207 (3646.700 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 48	LTE-TDD, 10494-AAG	3646.700, 56207	6.63	3.03	36.5

Hardware Setup

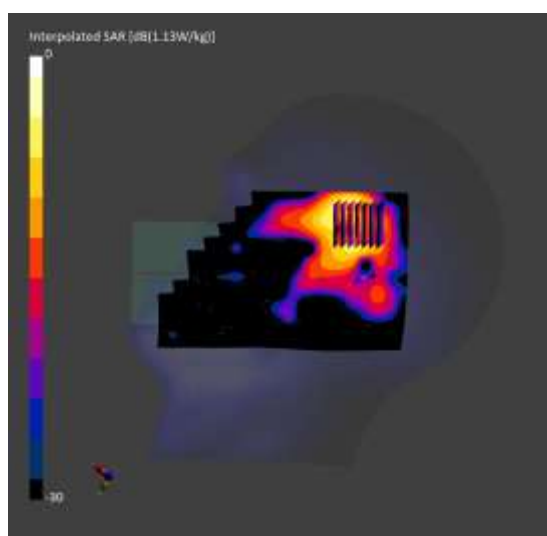
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7309, 2024-06-19	DAE4 Sn1686, 2024-06-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.314	0.389
psSAR10g [W/Kg]	0.118	0.125
Power Drift [dB]	0.10	0.18



EUT Type: Mobile Phone
 Ambient Temperature: 23.2°C
 Liquid Temperature: 23.1°C
 Test Date: 03/07/2025
 Band: LTE FDD Band 66 Head SAR_Ant.I
 Plot No.: A15

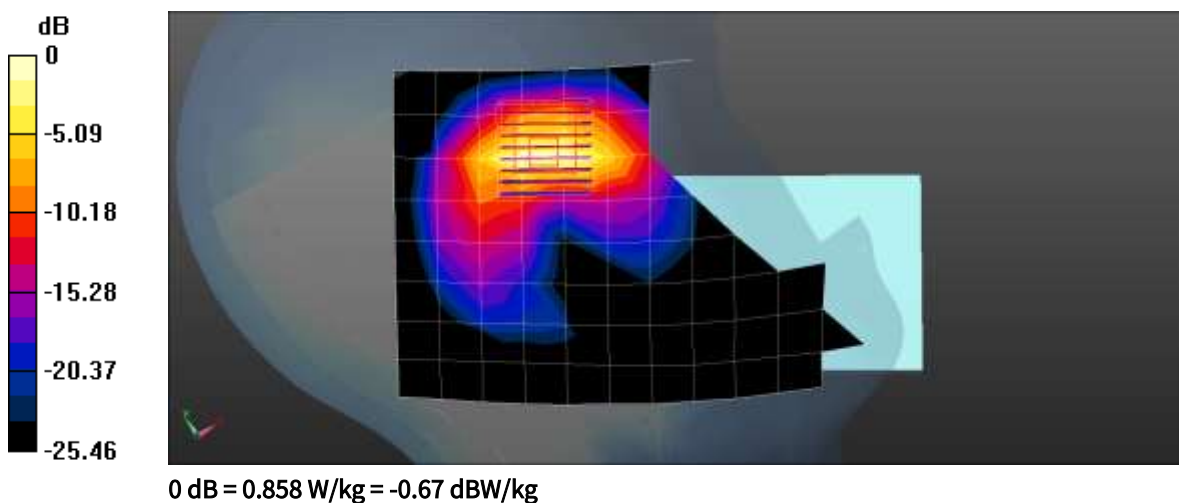
Communication System: UID 10297 - AAD, LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1770 MHz; Duty Cycle: 1:3.80978
 Medium parameters used (interpolated): $f = 1770$ MHz; $\sigma = 1.379$ S/m; $\epsilon_r = 41.611$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(8.3, 8.66, 7.87) @ 1770 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Left; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 66 Head Left Touch QPSK 20MHz 50RB 25offset 132572ch/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.771 W/kg

LTE Band 66 Head Left Touch QPSK 20MHz 50RB 25offset 132572ch/Zoom Scan (9x9x8)/Cube 0:
 Measurement grid: dx=4mm, dy=4mm, dz=1.5mm
 Reference Value = 4.331 V/m; Power Drift = 0.15 dB
 Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.532 W/kg; SAR(10 g) = 0.244 W/kg
 Maximum value of SAR (measured) = 0.858 W/kg



EUT Type: Mobile Phone
 Ambient Temperature: 21.5°C
 Liquid Temperature: 21.4°C
 Test Date: 03/10/2025
 Band: LTE FDD Band 71 Head SAR_Ant.A
 Plot No.: A16
 Measurement Report for Device, CHEEK, Band 71, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)
 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
LeftHead, Head Simulating Liquid	CHEEK, 0.00	Band 71	LTE-FDD, 10169-CAF	680.500, 133297	9.12	0.885	42.1

Hardware Setup

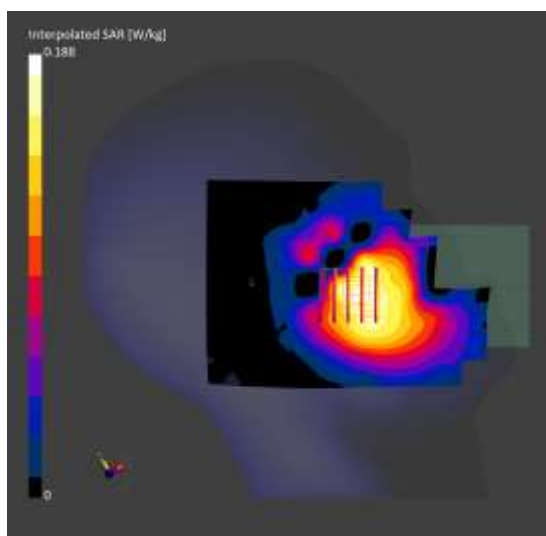
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7655, 2024-05-28	DAE4 Sn1686, 2024-06-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.158	0.162
psSAR10g [W/Kg]	0.110	0.132
Power Drift [dB]	-0.19	0.16



EUT Type: Mobile Phone
 Ambient Temperature: 21.2°C
 Liquid Temperature: 21.1°C
 Test Date: 03/10/2025
 Band: NR FDD Band n7 Head SAR_Ant.I
 Plot No.: A17
 Measurement Report for Device, CHEEK, Band n7, 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) RBPosition:Mid 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
LeftHead, Head Simulating Liquid	CHEEK, 0.00	Band n7	5G NR FR1 FDD, 10942-AAC	2535.000, 507000	7.09	1.86	38.7

Hardware Setup

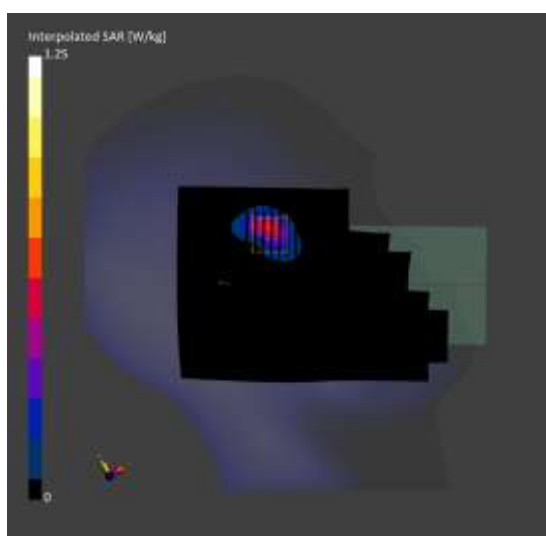
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7907, 2024-12-27	DAE4 Sn504, 2025-01-17

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	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]	0.456	0.462
psSAR10g [W/Kg]	0.190	0.177
Power Drift [dB]	0.19	-0.14



EUT Type: Mobile Phone
 Ambient Temperature: 20.6°C
 Liquid Temperature: 20.5°C
 Test Date: 03/03/2025
 Band: NR FDD Band n12 Head SAR_Ant.A
 Plot No.: A18
 Measurement Report for Device, CHEEK, Band n12, 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz), Channel 141500 (707.500 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead, Head Simulating Liquid	CHEEK, 0.00	Band n12	5G NR FR1 FDD, 10938-AAC	707.500, 141500	9.32	0.914	42.0

Hardware Setup

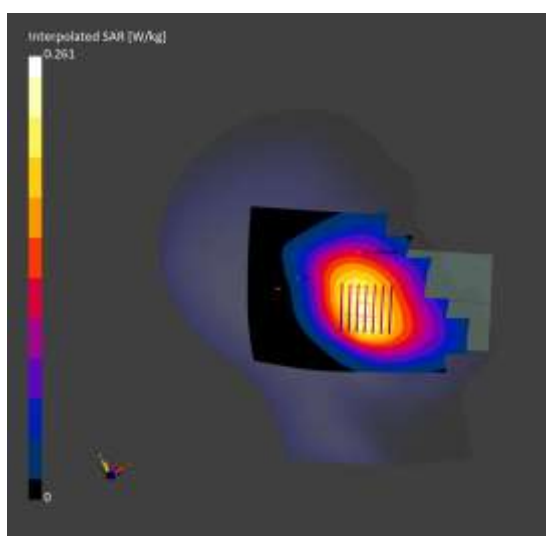
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1750, 2024-09-13

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]	0.213	0.220
psSAR10g [W/Kg]	0.148	0.176
Power Drift [dB]	0.05	0.13



EUT Type: Mobile Phone
 Ambient Temperature: 20.8°C
 Liquid Temperature: 20.7°C
 Test Date: 03/06/2025
 Band: NR FDD Band n14 Head SAR_Ant.A
 Plot No.: A19
 Measurement Report for Device, CHEEK, Band n14, 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)
 RBPosition:Mid AntennaCfg:SISO, Channel 158600 (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
RightHead, Head Simulating Liquid	CHEEK, 0.00	Band n14	5G NR FR1 FDD, 10929-AAD	793.000, 158600	9.32	0.889	41.0

Hardware Setup

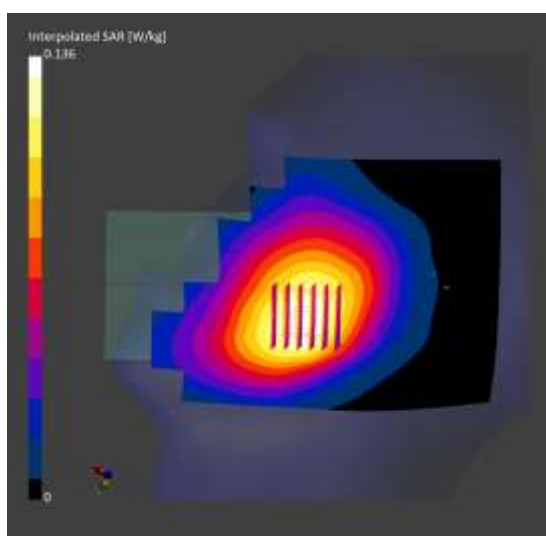
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1750, 2024-09-13

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]	0.109	0.115
psSAR10g [W/Kg]	0.075	0.092
Power Drift [dB]	-0.12	0.04



EUT Type: Mobile Phone
 Ambient Temperature: 19.5°C
 Liquid Temperature: 19.4°C
 Test Date: 03/06/2025
 Band: NR FDD Band n25 Head SAR_Ant.I
 Plot No.: A20
 Measurement Report for Device, CHEEK, Band n25, 5G NR (DFT-s-OFDM, 50% 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
LeftHead, Head Simulating Liquid	CHEEK, 0.00	Band n25	5G NR FR1 FDD, 10942-AAC	1882.500, 376500	7.38	1.36	39.4

Hardware Setup

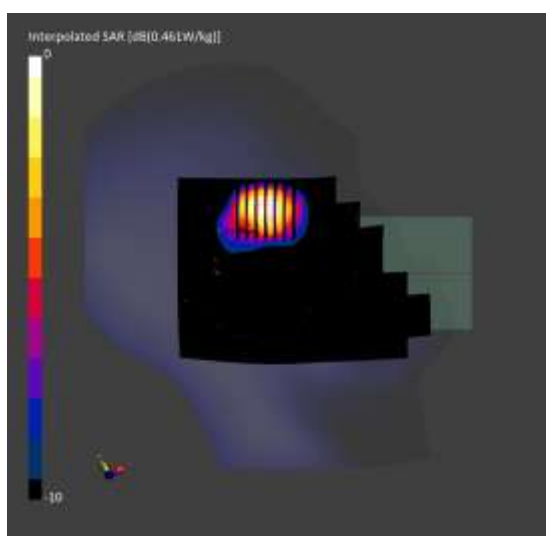
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7907, 2024-12-27	DAE4 Sn504, 2025-01-17

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]	0.356	0.577
psSAR10g [W/Kg]	0.184	0.246
Power Drift [dB]	-0.18	0.17



EUT Type: Mobile Phone
 Ambient Temperature: 20.5°C
 Liquid Temperature: 20.4°C
 Test Date: 03/07/2025
 Band: NR FDD Band n26 Head SAR_Ant.A
 Plot No.: A21
 Measurement Report for Device, CHEEK, Band n26, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz),
 Channel 166300 (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	CHEEK, 0.00	Band n26	5G NR FR1 FDD, 10931-AAC	831.500, 166300	8.84	0.920	42.4

Hardware Setup

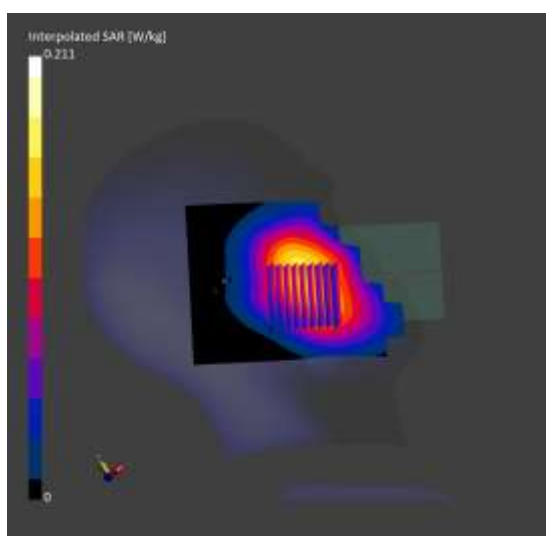
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1750, 2024-09-13

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]	0.167	0.178
psSAR10g [W/Kg]	0.116	0.141
Power Drift [dB]	-0.02	0.03



EUT Type: Mobile Phone
Ambient Temperature: 22.3°C
Liquid Temperature: 22.2°C
Test Date: 03/11/2025
Band: NR FDD Band n30 Head SAR_Ant.I
Plot No.: A22
Measurement Report for Device, CHEEK, 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
LeftHead, Head Simulating Liquid	CHEEK, 0.00	Band n30	5G NR FR1 FDD, 10929-AAD	2310.000, 462000	7.12	1.72	39.1

Hardware Setup

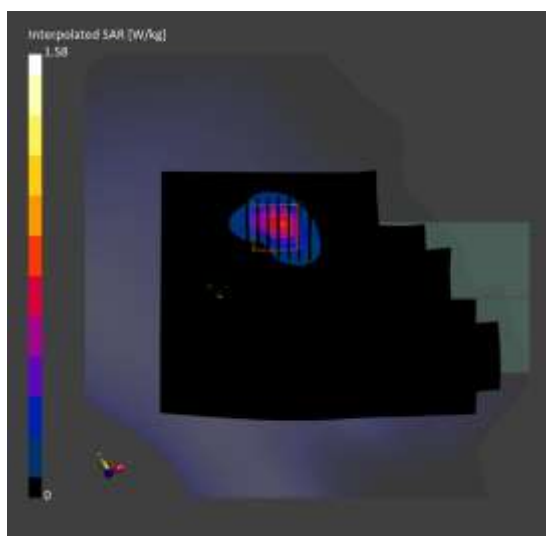
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7907, 2024-12-27	DAE4 Sn504, 2025-01-17

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	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]	0.577	0.607
psSAR10g [W/Kg]	0.248	0.238
Power Drift [dB]	0.15	0.15



EUT Type: Mobile Phone
Ambient Temperature: 22.6°C
Liquid Temperature: 22.5°C
Test Date: 04/18/2025
Band: NR TDD Band n38 Head SAR_Ant.B
Plot No.: A23
Measurement Report for Device, CHEEK, Band n38, 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, Channel 519000 (2595.000 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 n38	5G NR FR1 TDD, 10913-AAD	2595.000, 519000	6.55	1.94	38.4

Hardware Setup

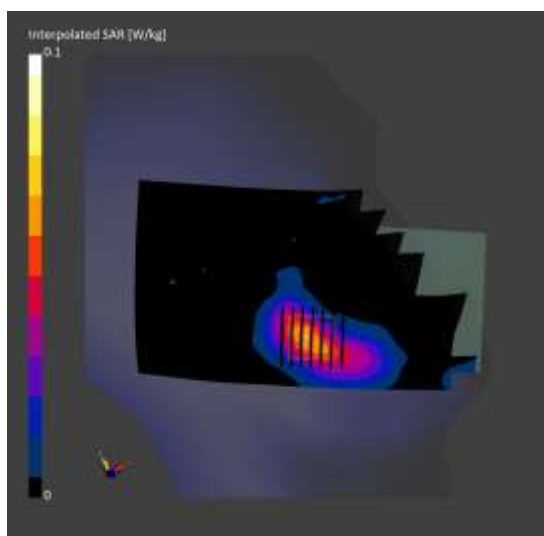
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1686, 2024-06-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 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]	0.052	0.053
psSAR10g [W/Kg]	0.025	0.027
Power Drift [dB]	0.14	0.16



EUT Type: Mobile Phone
 Ambient Temperature: 22.2°C
 Liquid Temperature: 22.1°C
 Test Date: 03/18/2025
 Band: NR TDD Band n41 Head SAR_Ant.I
 Plot No.: A24
 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	7.11	1.94	38.5

Hardware Setup

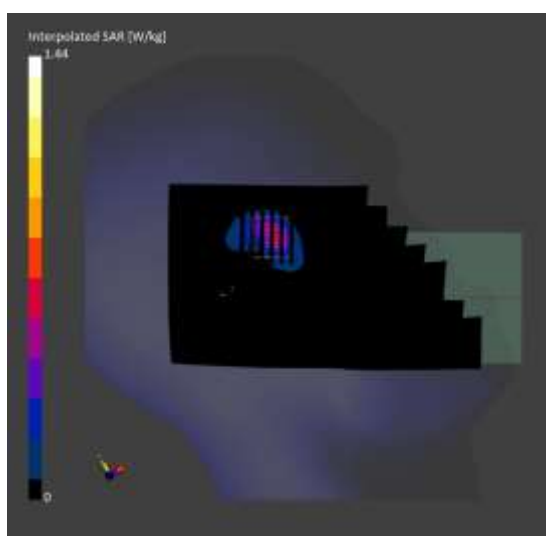
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7655, 2024-05-28	DAE4 Sn1686, 2024-06-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 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]	0.469	0.515
psSAR10g [W/Kg]	0.196	0.189
Power Drift [dB]	0.11	-0.13



EUT Type: Mobile Phone
 Ambient Temperature: 22.5°C
 Liquid Temperature: 22.4°C
 Test Date: 03/21/2025
 Band: NR TDD Band n48 Head SAR_Ant.F
 Plot No.: A25
 Measurement Report for Device, CHEEK, Band n48, 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)
 RBPosition:Mid AntennaCfg:SISO, Channel 641666 (3624.985 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 n48	5G NR FR1 TDD, 10797-AAF	3624.985, 641666	6.63	3.01	36.9

Hardware Setup

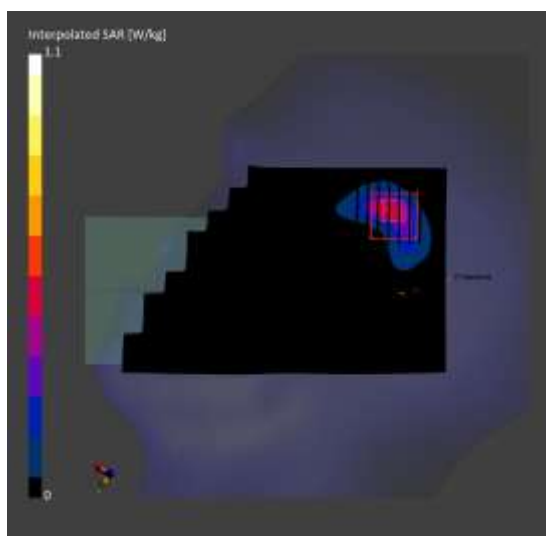
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7309, 2024-06-19	DAE4 Sn1686, 2024-06-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.361	0.377
psSAR10g [W/Kg]	0.132	0.133
Power Drift [dB]	-0.14	0.08



EUT Type: Mobile Phone
 Ambient Temperature: 22.2°C
 Liquid Temperature: 22.1°C
 Test Date: 03/12/2025
 Band: NR FDD Band n66 Head SAR_Ant.I
 Plot No.: A26
 Measurement Report for Device, CHEEK, Band n66, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)
 RBPosition:Mid 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
LeftHead, Head Simulating Liquid	CHEEK, 0.00	Band n66	5G NR FR1 FDD, 10934-AAC	1745.000, 349000	7.63	1.35	40.9

Hardware Setup

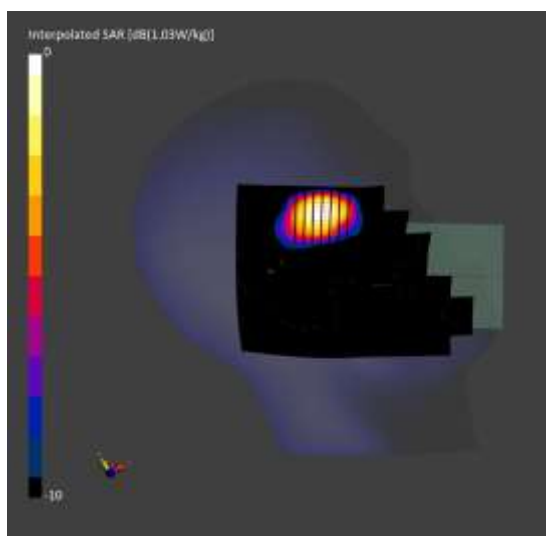
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7907, 2024-12-27	DAE4 Sn504, 2025-01-17

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]	0.306	0.475
psSAR10g [W/Kg]	0.160	0.215
Power Drift [dB]	-0.02	-0.03



EUT Type: Mobile Phone
 Ambient Temperature: 22.2°C
 Liquid Temperature: 22.1°C
 Test Date: 03/17/2025
 Band: NR FDD Band n70 Head SAR_Ant.I
 Plot No.: A27
 Measurement Report for Device, CHEEK, Band n70, 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)
 RBPosition:Mid AntennaCfg:SISO, Channel 340500 (1702.500 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead, Head Simulating Liquid	CHEEK, 0.00	Band n70	5G NR FR1 FDD, 10930-AAC	1702.500, 340500	7.63	1.36	40.6

Hardware Setup

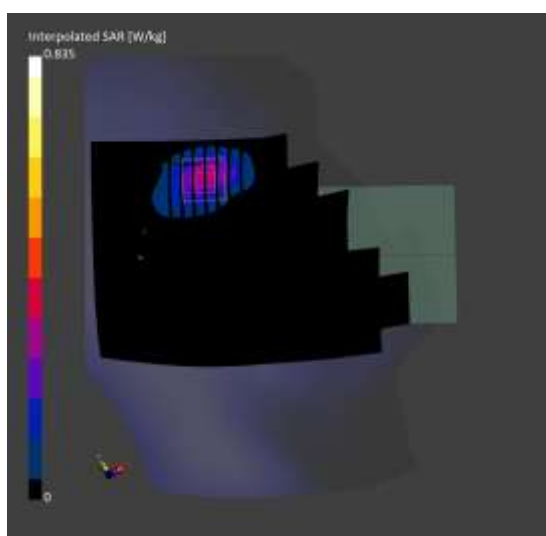
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7907, 2024-12-27	DAE4 Sn504, 2025-01-17

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]	0.276	0.402
psSAR10g [W/Kg]	0.145	0.186
Power Drift [dB]	-0.19	-0.13



EUT Type: Mobile Phone
 Ambient Temperature: 22.1°C
 Liquid Temperature: 22.0°C
 Test Date: 03/13/2025
 Band: NR FDD Band n71 Head SAR_Ant.A
 Plot No.: A28
 Measurement Report for Device, CHEEK, Band n71, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz),
 Channel 136100 (680.500 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead, Head Simulating Liquid	CHEEK, 0.00	Band n71	5G NR FR1 FDD, 10931-AAC	680.500, 136100	9.32	0.883	42.1

Hardware Setup

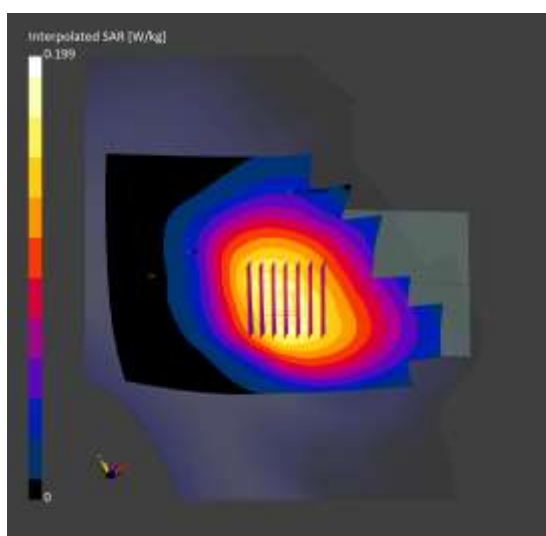
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1750, 2024-09-13

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]	0.161	0.172
psSAR10g [W/Kg]	0.114	0.139
Power Drift [dB]	-0.08	0.13



EUT Type: Mobile Phone
Ambient Temperature: 22.8°C
Liquid Temperature: 22.7°C
Test Date: 04/14/2025
Band: NR TDD Band n77 Head SAR_Ant. SRS E
Plot No.: A29
Measurement Report for Device, CHEEK, Band n77, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)
RBPosition:Mid AntennaCfg:SISO, Channel 662000 (3930.000 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead, Head Simulating Liquid	CHEEK, 0.00	Band n77	5G NR FR1 TDD, 10866-AAF	3930.000, 662000	6.5	3.31	36.5

Hardware Setup

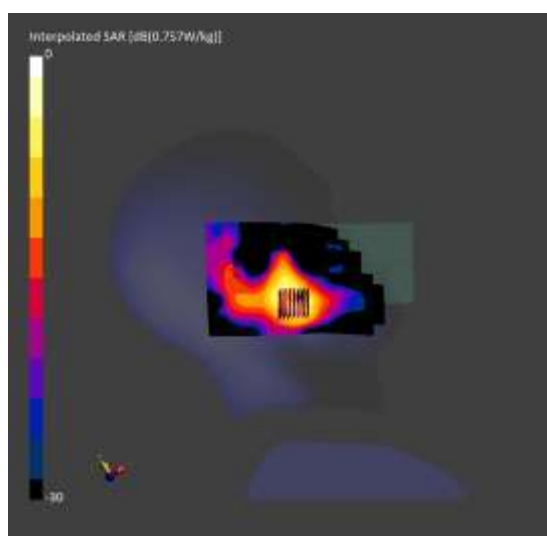
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7309, 2024-06-19	DAE4 Sn1686, 2024-06-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 200.0	24.0 x 24.0 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]	0.473	0.512
psSAR10g [W/Kg]	0.161	0.153
Power Drift [dB]	-0.02	0.09



EUT Type: Mobile Phone
 Ambient Temperature: 22.9°C
 Liquid Temperature: 22.8°C
 Test Date: 03/10/2025
 Band: 2.4 GHz WLAN Head SAR _AntG+H
 Plot No.: A30

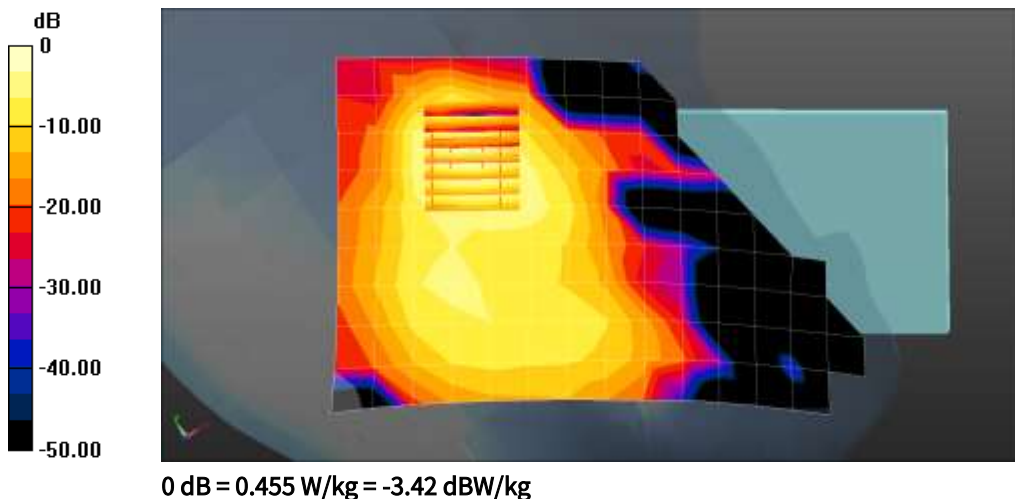
Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:1.53886
 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.763$ S/m; $\epsilon_r = 39.019$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.77, 8.11, 7.37) @ 2437 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Right; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

802.11b Head Left Touch 1Mbps 6ch/Area Scan (10x18x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.346 W/kg

802.11b Head Left Touch 1Mbps 6ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 7.372 V/m; Power Drift = 0.18 dB
 Peak SAR (extrapolated) = 0.564 W/kg
SAR(1 g) = 0.306 W/kg; SAR(10 g) = 0.140 W/kg
 Maximum value of SAR (measured) = 0.455 W/kg



EUT Type: Mobile Phone
 Ambient Temperature: 22.3°C
 Liquid Temperature: 22.2°C
 Test Date: 03/20/2025
 Band: 5 GHz WLAN Head SAR _ Ant.F+H
 Plot No.: A31
 Measurement Report for Device, TILT, U-NII-4, IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle), Channel 171 (5855.000 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	U-NII-4	WLAN, 10544-AAD	5855.000, 171	5.05	5.22	35.3

Hardware Setup

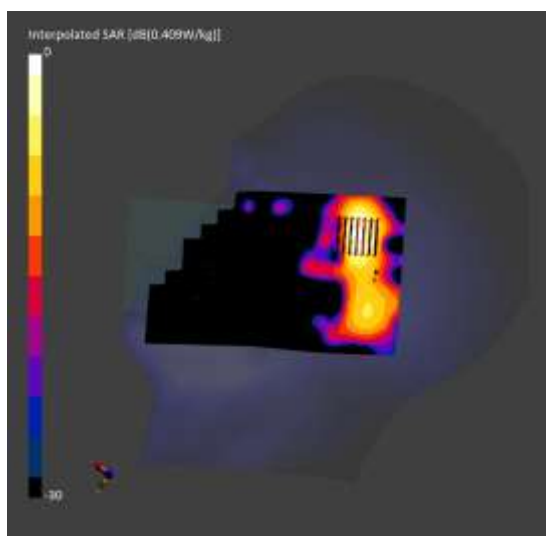
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7309, 2024-06-19	DAE4 Sn1686, 2024-06-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 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]	0.262	0.343
psSAR10g [W/Kg]	0.075	0.081
Power Drift [dB]	-0.17	-0.12



EUT Type: Mobile Phone
 Ambient Temperature: 22.7°C
 Liquid Temperature: 22.6°C
 Test Date: 03/28/2025
 Band: 6 GHz WLAN Head SAR _Ant.F
 Plot No.: A32
 Measurement Report for Device, TILT, U-NII-7, IEEE 802.11ax (40MHz, MCS0, 99pc duty cycle), Channel 179 (6845.000 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	U-NII-7	WLAN, 10707-AAC	6845.000, 179	5.29	6.46	33.6

Hardware Setup

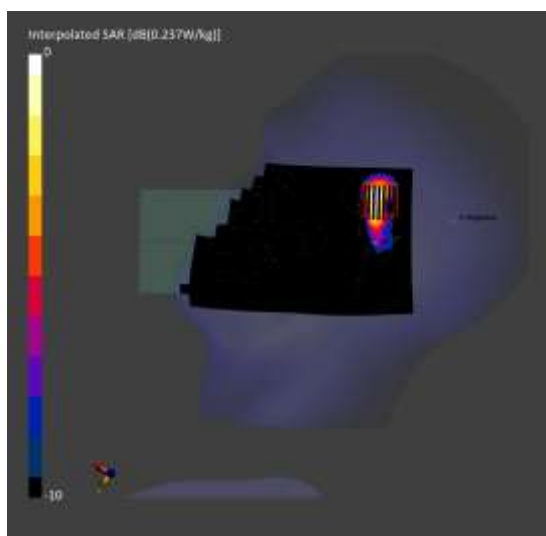
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7680, 2024-05-28	DAE4 Sn1464, 2024-06-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	102.0 x 204.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.163	0.159
psSAR10g [W/Kg]	0.045	0.043
Power Drift [dB]	0.13	-0.18



EUT Type: Mobile Phone
 Ambient Temperature: 22.2°C
 Liquid Temperature: 22.1°C
 Test Date: 03/12/2025
 Band: Bluetooth Head SAR _Ant.G
 Plot No.: A33

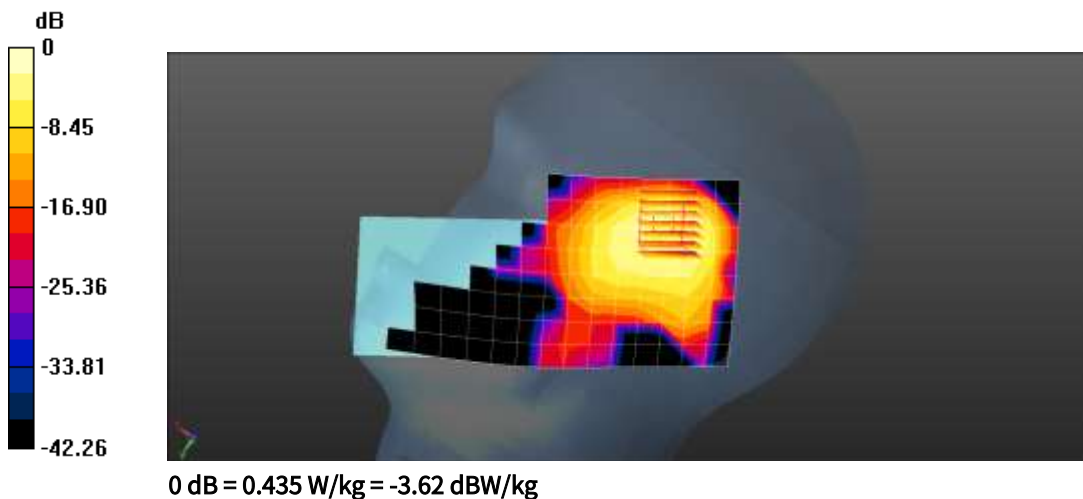
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2441 \text{ MHz}$; $\sigma = 1.852 \text{ S/m}$; $\epsilon_r = 39.534$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.77, 8.11, 7.37) @ 2441 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Right; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Bluetooth Head Right Touch DH5 39ch/Area Scan (9x18x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
 Maximum value of SAR (measured) = 0.464 W/kg

Bluetooth Head Right Touch DH5 39ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 5.998 V/m; Power Drift = -0.06 dB
 Peak SAR (extrapolated) = 0.611 W/kg
SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.108 W/kg
 Maximum value of SAR (measured) = 0.435 W/kg



EUT Type: Mobile Phone
 Ambient Temperature: 21.5°C
 Liquid Temperature: 21.4°C
 Test Date: 03/24/2025
 Band: GSM 850 Body SAR_Ant. A Open
 Plot No.: B1

Communication System: UID 10021 - DAC, GSM-FDD (TDMA, GMSK); Frequency: 836.6 MHz; Duty Cycle: 1:8.69961

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.918$ S/m; $\epsilon_r = 42.409$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(8.83, 9.11, 8.9) @ 836.6 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1225; Calibrated: 2025-02-18
- 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)

GSM850 Body Rear 190ch/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.612 W/kg

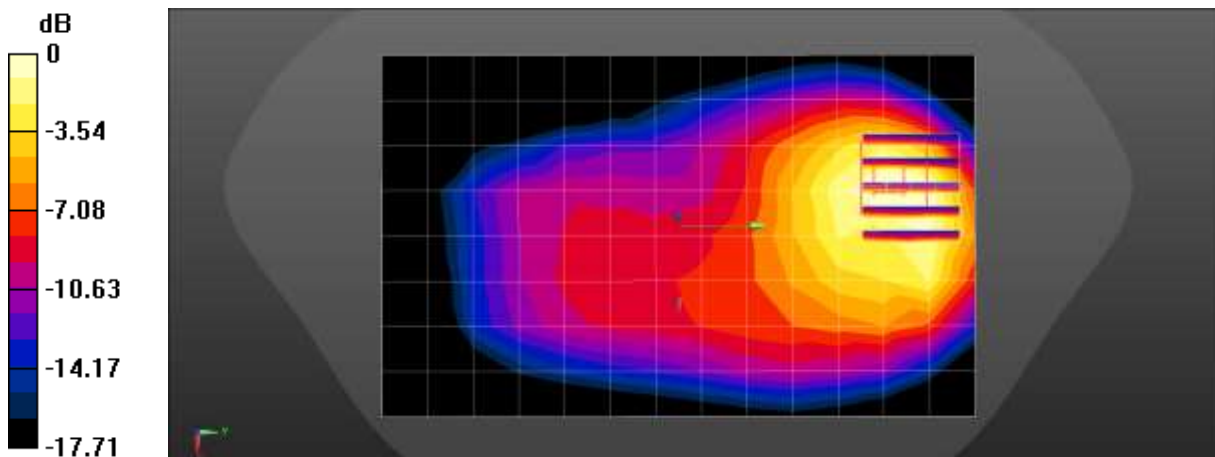
GSM850 Body Rear 190ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.925 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.782 W/kg

SAR(1 g) = 0.414 W/kg; SAR(10 g) = 0.229 W/kg

Maximum value of SAR (measured) = 0.595 W/kg



0 dB = 0.595 W/kg = -2.25 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 22.1°C
 Liquid Temperature: 22.0°C
 Test Date: 04/02/2025
 Band: GSM 1900 Body SAR_Ant. A Open
 Plot No.: B2

Communication System: UID 0, GSM 1900 4TX (0); Frequency: 1850.2 MHz; Duty Cycle: 1:2.07491
 Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.385$ S/m; $\epsilon_r = 39.046$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(8.01, 8.36, 7.6) @ 1850.2 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Left; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

GSM1900 Body Bottom 4Tx 512ch/Area Scan (6x11x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.968 W/kg

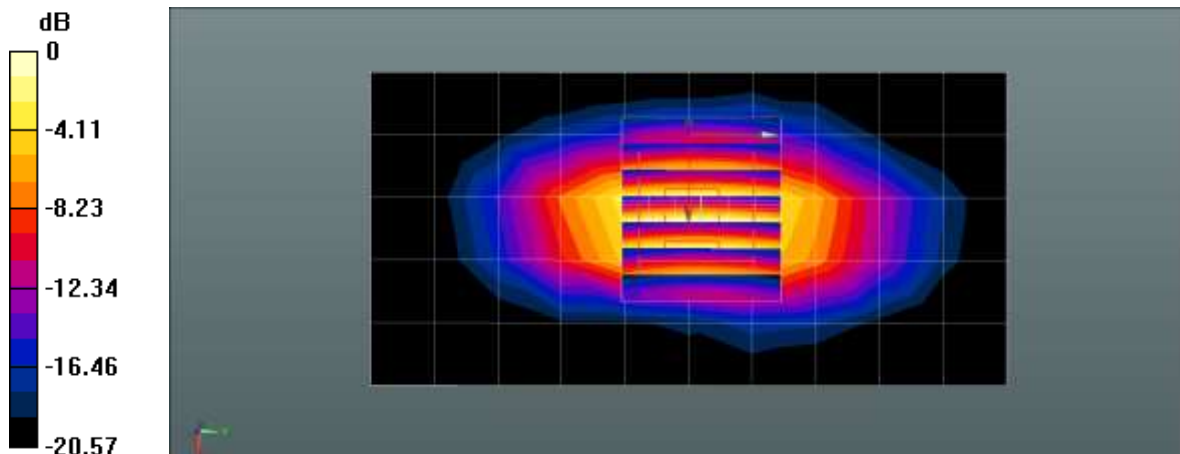
GSM1900 Body Bottom 4Tx 512ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 32.95 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.816 W/kg; SAR(10 g) = 0.375 W/kg

Maximum value of SAR (measured) = 1.32 W/kg



0 dB = 1.32 W/kg = 1.21 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 20.1 °C
 Liquid Temperature: 20.0 °C
 Test Date: 03/04/2025
 Band: UMTS Band 5 Body SAR_Ant. A Open
 Plot No.: B3
 Measurement Report for Device, BACK, Band 5, UMTS-FDD (WCDMA), Channel 4183 (836.600 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 5.00	Band 5	WCDMA, 10011-CAC	836.600, 4183	8.84	0.930	42.5

Hardware Setup

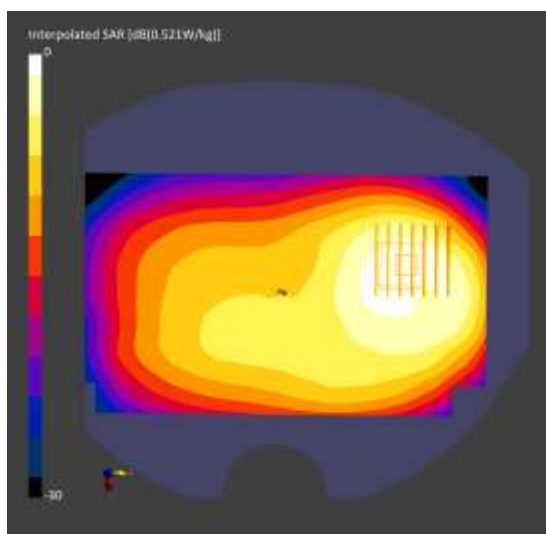
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1750, 2024-09-13

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]	0.454	0.449
psSAR10g [W/Kg]	0.291	0.269
Power Drift [dB]	-0.13	-0.04



EUT Type: Mobile Phone
 Ambient Temperature: 22.3°C
 Liquid Temperature: 22.2°C
 Test Date: 04/27/2025
 Band: UMTS Band 4 Body SAR_Ant. A Open
 Plot No.: B4

Measurement Report for Device, EDGE BOTTOM, 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	EDGE BOTTOM, 5.00	Band 4	WCDMA, 10011-CAC	1732.400, 1412	7.96	1.36	41.2

Hardware Setup

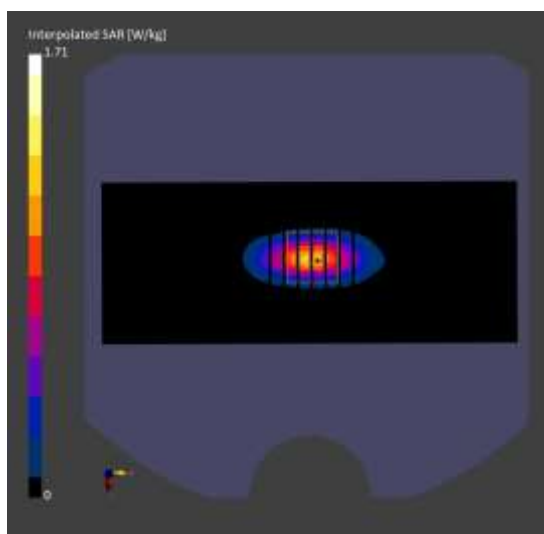
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1750, 2024-09-13

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	7.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.894	0.889
psSAR10g [W/Kg]	0.402	0.419
Power Drift [dB]	-0.04	-0.19



EUT Type: Mobile Phone
 Ambient Temperature: 22.3°C
 Liquid Temperature: 22.2°C
 Test Date: 04/26/2025
 Band: UMTS Band 2 Body SAR_Ant. A Open
 Plot No.: B5

Measurement Report for Device, EDGE BOTTOM, Band 2, UMTS-FDD (WCDMA), Channel 9262 (1852.400 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 2	WCDMA, 10011-CAC	1852.400, 9262	7.53	1.38	39.1

Hardware Setup

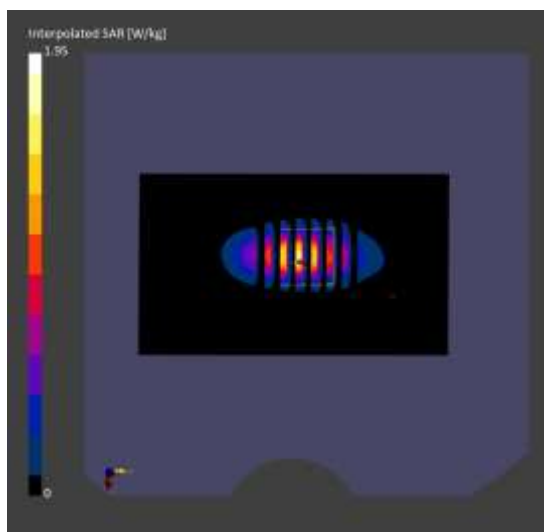
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1750, 2024-09-13

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	7.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	1.17	0.987
psSAR10g [W/Kg]	0.523	0.461
Power Drift [dB]	-0.03	0.02



EUT Type: Mobile Phone
 Ambient Temperature: 21.8°C
 Liquid Temperature: 21.7°C
 Test Date: 02/27/2025
 Band: LTE FDD Band 7 Body SAR_Ant.B Open
 Plot No.: B6

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2560 MHz; Duty Cycle: 1:3.73852
 Medium parameters used (interpolated): $f = 2560$ MHz; $\sigma = 1.894$ S/m; $\epsilon_r = 38.943$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.54, 7.86, 7.15) @ 2560 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Right; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 7 Body Bottom QPSK 20MHz 1RB 49offset 21350ch/Area Scan (6x11x1): Measurement grid:
 dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.12 W/kg

LTE Band 7 Body Bottom QPSK 20MHz 1RB 49offset 21350ch/Zoom Scan (7x7x7)/Cube 0:

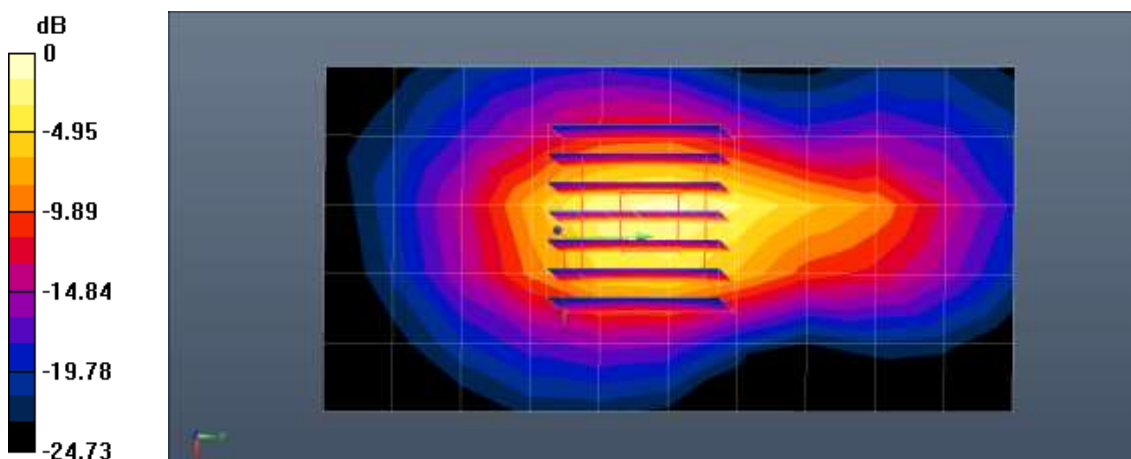
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.41 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.804 W/kg; SAR(10 g) = 0.345 W/kg

Maximum value of SAR (measured) = 1.38 W/kg



0 dB = 1.38 W/kg = 1.40 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 20.5°C
 Liquid Temperature: 20.4°C
 Test Date: 02/28/2025
 Band: LTE FDD Band 12 Body SAR_Ant.A Open
 Plot No.: B7
 Measurement Report for Device, BACK, 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
Flat, Head Simulating Liquid	BACK, 5.00	Band 12	LTE-FDD, 10175-CAH	707.500, 23095	9.12	0.917	41.9

Hardware Setup

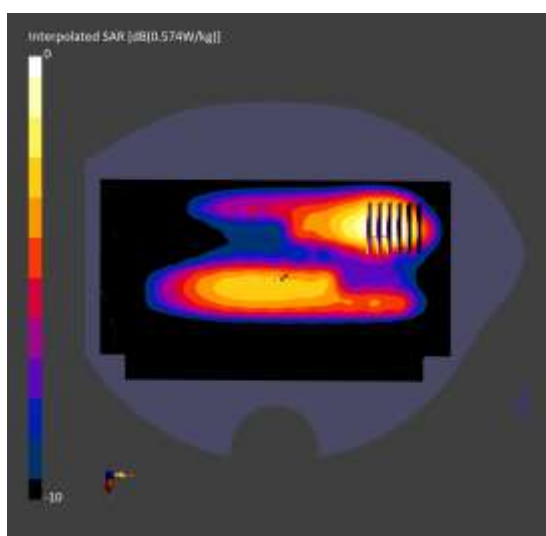
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7655, 2024-05-28	DAE4 Sn1686, 2024-06-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.503	0.411
psSAR10g [W/Kg]	0.310	0.192
Power Drift [dB]	-0.12	-0.01



EUT Type: Mobile Phone
 Ambient Temperature: 21.3°C
 Liquid Temperature: 21.2°C
 Test Date: 03/01/2025
 Band: LTE FDD Band 13 Body SAR_Ant.A Open
 Plot No.: B8
 Measurement Report for Device, BACK, Band 13, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)
 AntennaCfg:SISO, Channel 23230 (782.000 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 5.00	Band 13	LTE-FDD, 10175-CAH	782.000, 23230	9.12	0.920	40.8

Hardware Setup

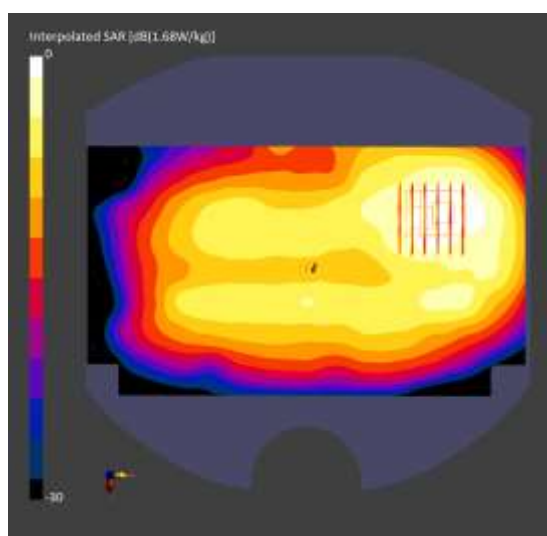
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7655, 2024-05-28	DAE4 Sn1686, 2024-06-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.621	0.536
psSAR10g [W/Kg]	0.399	0.298
Power Drift [dB]	0.11	-0.07



EUT Type: Mobile Phone
 Ambient Temperature: 21.5°C
 Liquid Temperature: 21.4°C
 Test Date: 03/02/2025
 Band: LTE FDD Band 14 Body SAR_Ant.A Close
 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	9.12	0.931	40.6

Hardware Setup

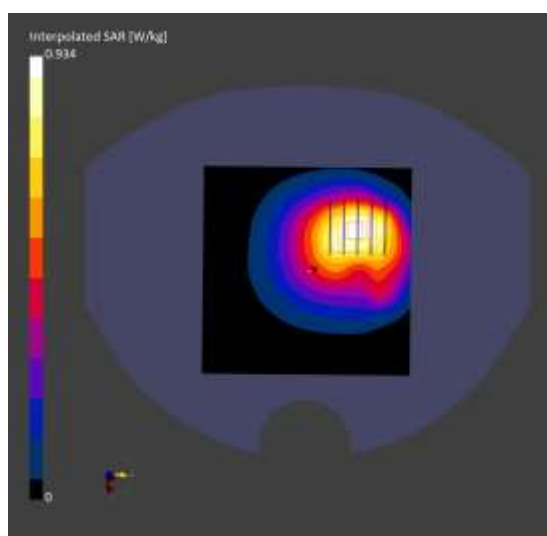
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7655, 2024-05-28	DAE4 Sn1686, 2024-06-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.589	0.615
psSAR10g [W/Kg]	0.396	0.396
Power Drift [dB]	-0.13	-0.12



EUT Type: Mobile Phone
 Ambient Temperature: 22.2°C
 Liquid Temperature: 22.1°C
 Test Date: 03/27/2025
 Band: LTE FDD Band 25 Body SAR_Ant.I Open
 Plot No.: B10

Communication System: UID 10297 - AAD, LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 1882.5 MHz; Duty Cycle: 1:3.80978
 Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.38$ S/m; $\epsilon_r = 39.294$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(8.01, 8.36, 7.6) @ 1882.5 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Left; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 25 Body Right QPSK 20MHz 50RB 25offset 26365ch/Area Scan (7x15x1): Measurement grid:
 dx=15mm, dy=15mm

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

LTE Band 25 Body Right QPSK 20MHz 50RB 25offset 26365ch/Zoom Scan (5x5x7)/Cube 0:

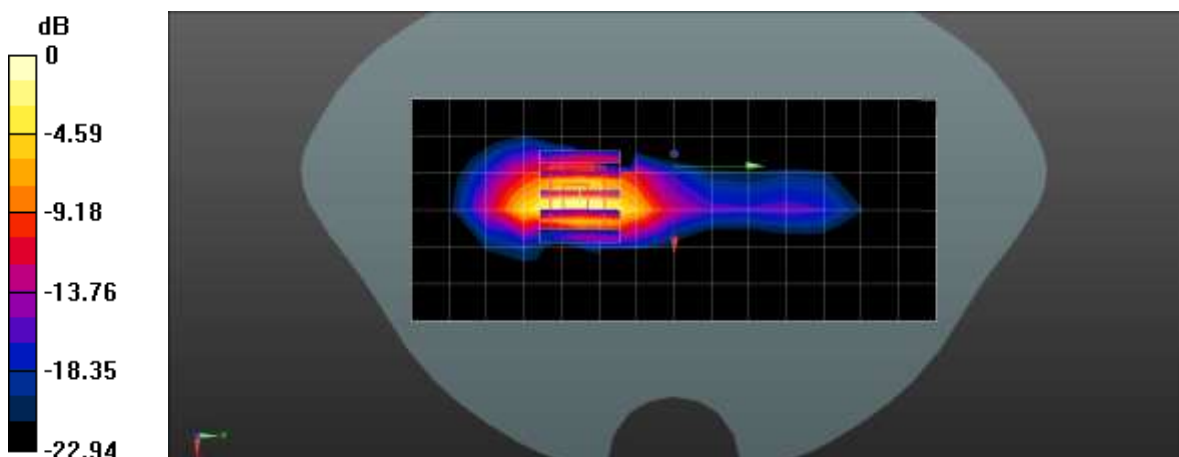
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.923 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 0.998 W/kg; SAR(10 g) = 0.445 W/kg

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



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

EUT Type: Mobile Phone
 Ambient Temperature: 21.4°C
 Liquid Temperature: 21.3°C
 Test Date: 03/03/2025
 Band: LTE FDD Band 26 Body SAR_Ant.A Open
 Plot No.: B11
 Measurement Report for Device, BACK, Band 26, LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)
 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	9.18	0.921	42.5

Hardware Setup

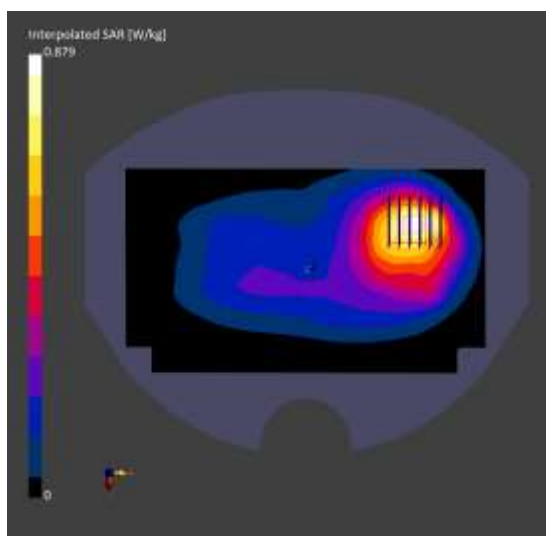
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7655, 2024-05-28	DAE4 Sn1686, 2024-06-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.539	0.504
psSAR10g [W/Kg]	0.349	0.309
Power Drift [dB]	-0.19	-0.12



EUT Type: Mobile Phone
 Ambient Temperature: 22.5°C
 Liquid Temperature: 22.4°C
 Test Date: 03/02/2025
 Band: LTE FDD Band 30 Body SAR_Ant.I Open
 Plot No.: B12

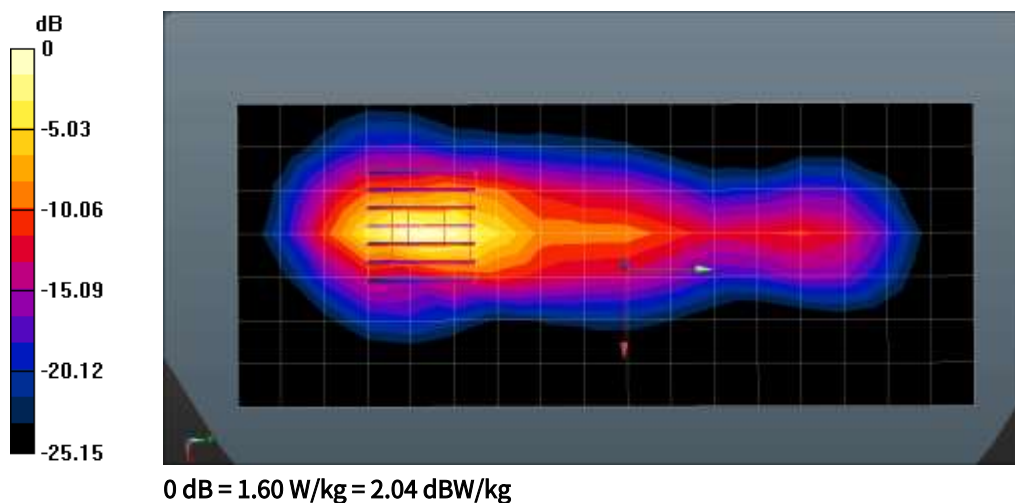
Communication System: UID 10175 - CAG, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 2310 MHz; Duty Cycle: 1:3.73594
 Medium parameters used (interpolated): $f = 2310$ MHz; $\sigma = 1.722$ S/m; $\epsilon_r = 39.146$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.6, 7.92, 7.21) @ 2310 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Right; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 30 Body Right QPSK 10MHz 1RB 24offset 27710ch/Area Scan (8x18x1): Measurement grid:
 $dx=12$ mm, $dy=12$ mm
 Maximum value of SAR (measured) = 1.51 W/kg

LTE Band 30 Body Right QPSK 10MHz 1RB 24offset 27710ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 11.57 V/m; Power Drift = 0.12 dB
 Peak SAR (extrapolated) = 1.96 W/kg
SAR(1 g) = 0.896 W/kg; SAR(10 g) = 0.356 W/kg
 Maximum value of SAR (measured) = 1.60 W/kg



EUT Type: Mobile Phone
 Ambient Temperature: 23.3°C
 Liquid Temperature: 23.2°C
 Test Date: 03/06/2025
 Band: LTE TDD Band 41 Body SAR_Ant.I Open
 Plot No.: B13

Communication System: UID 10494 - AAF, LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9); Frequency: 2593 MHz; Duty Cycle: 1:5.93882
 Medium parameters used (interpolated): $f = 2593$ MHz; $\sigma = 1.944$ S/m; $\epsilon_r = 38.635$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.54, 7.86, 7.15) @ 2593 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Right; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 41 Body Right QPSK 20MHz 50RB 0offset 40620ch/Area Scan (6x18x1): Measurement grid:

dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.57 W/kg

LTE Band 41 Body Right QPSK 20MHz 50RB 0offset 40620ch/Zoom Scan (7x7x7)/Cube 0: Measurement

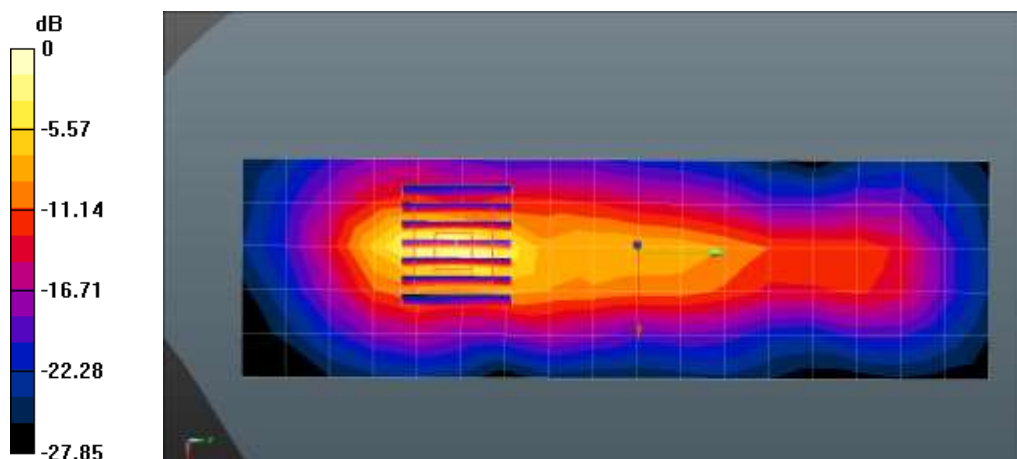
grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.43 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 2.26 W/kg

SAR(1 g) = 0.901 W/kg; SAR(10 g) = 0.322 W/kg

Maximum value of SAR (measured) = 1.73 W/kg



0 dB = 1.73 W/kg = 2.38 dBW/kg

EUT Type: Mobile Phone

Ambient Temperature: 21.5°C

Liquid Temperature: 21.4°C

Test Date: 03/05/2025

Band: LTE TDD Band 48 Body SAR_Ant.F Close

Plot No.: B14

Measurement Report for Device, EDGE LEFT, Band 48, LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) RBPosition:Mid AntennaCfg:SIISO, Channel 56207 (3646.700 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	Band 48	LTE-TDD, 10494-AAG	3646.700, 56207	6.63	3.03	36.5

Hardware Setup

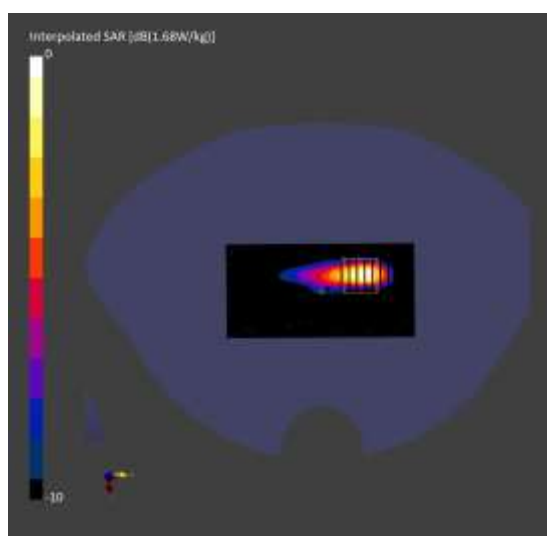
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7309, 2024-06-19	DAE4 Sn1686, 2024-06-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 120.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.563	0.588
psSAR10g [W/Kg]	0.178	0.190
Power Drift [dB]	-0.13	-0.19



EUT Type: Mobile Phone
 Ambient Temperature: 23.2°C
 Liquid Temperature: 23.1°C
 Test Date: 03/07/2025
 Band: LTE FDD Band 66 Body SAR_Ant.I Open
 Plot No.: B15

Communication System: UID 10169 - CAE, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1770 MHz; Duty Cycle: 1:3.73852
 Medium parameters used (interpolated): $f = 1770$ MHz; $\sigma = 1.379$ S/m; $\epsilon_r = 41.611$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(8.3, 8.66, 7.87) @ 1770 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Left; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 66 Body Right QPSK 20MHz 50RB 49offset 132572ch/Area Scan (7x15x1): Measurement grid:
 dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.54 W/kg

LTE Band 66 Body Right QPSK 20MHz 50RB 49offset 132572ch/Zoom Scan (5x5x7)/Cube 0:

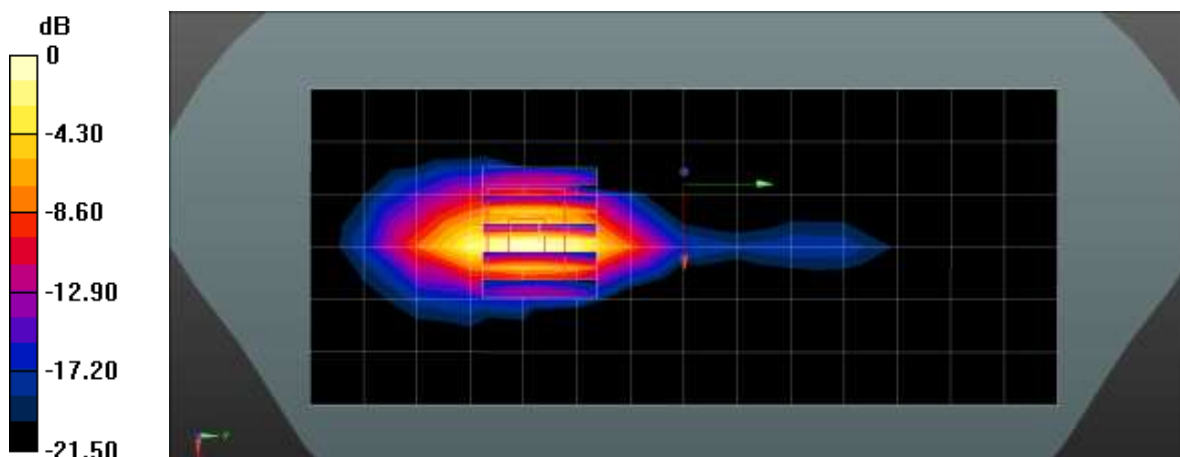
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.314 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 0.976 W/kg; SAR(10 g) = 0.449 W/kg

Maximum value of SAR (measured) = 1.58 W/kg



0 dB = 1.58 W/kg = 1.99 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 21.5°C
 Liquid Temperature: 21.4°C
 Test Date: 03/10/2025
 Band: LTE FDD Band 71 Body SAR_Ant.A Close
 Plot No.: B16
 Measurement Report for Device, BACK, Band 71, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)
 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	9.12	0.885	42.1

Hardware Setup

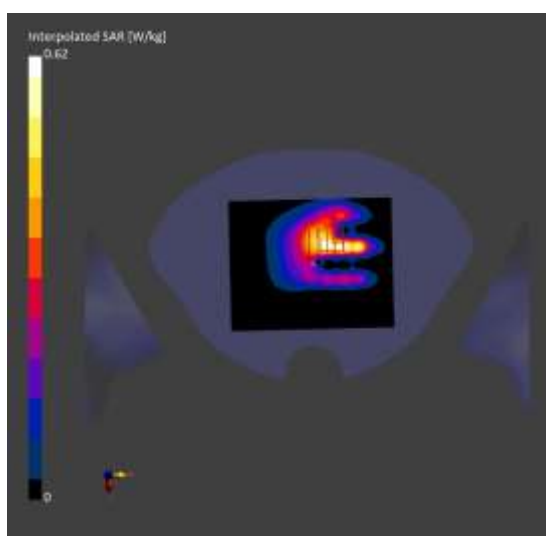
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7655, 2024-05-28	DAE4 Sn1686, 2024-06-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 150.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.293	0.382
psSAR10g [W/Kg]	0.176	0.221
Power Drift [dB]	-0.13	-0.09



EUT Type: Mobile Phone
 Ambient Temperature: 21.2°C
 Liquid Temperature: 21.1°C
 Test Date: 03/10/2025
 Band: NR FDD Band n7 Body SAR_Ant.I Open
 Plot No.: B17
 Measurement Report for Device, EDGE RIGHT, Band n7, 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) RBPosition:Mid 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	EDGE RIGHT, 5.00	Band n7	5G NR FR1 FDD, 10942-AAC	2535.000, 507000	7.09	1.86	38.7

Hardware Setup

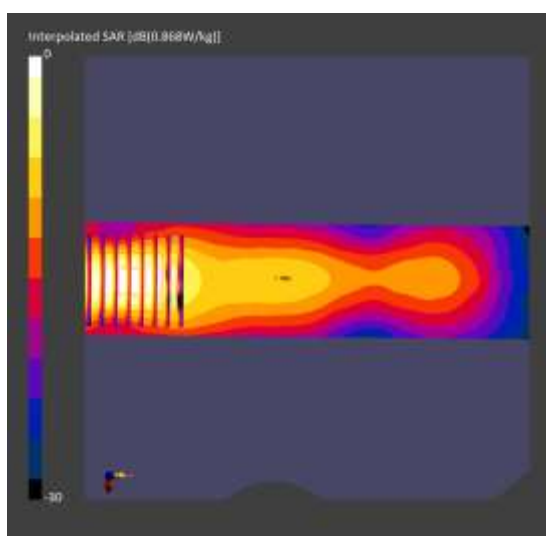
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7907, 2024-12-27	DAE4 Sn504, 2025-01-17

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	42.0 x 216.0	34.3 x 34.3 x 30.0
Grid Steps [mm]	7.0 x 12.0	4.9 x 4.9 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.609	0.689
psSAR10g [W/Kg]	0.242	0.261
Power Drift [dB]	-0.02	-0.15



EUT Type: Mobile Phone
 Ambient Temperature: 20.6°C
 Liquid Temperature: 20.5°C
 Test Date: 03/03/2025
 Band: NR FDD Band n12 Body SAR_Ant.A Close
 Plot No.: B18
 Measurement Report for Device, BACK, Band n12, 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCf:SISO, Channel 141500 (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 n12	5G NR FR1 FDD, 10938-AAC	707.500, 141500	9.32	0.914	42.0

Hardware Setup

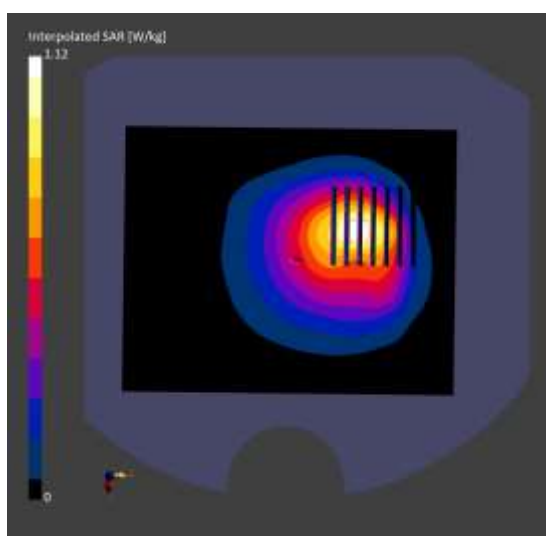
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1750, 2024-09-13

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 150.0	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]	0.537	0.570
psSAR10g [W/Kg]	0.342	0.330
Power Drift [dB]	-0.03	-0.19



EUT Type: Mobile Phone
 Ambient Temperature: 20.8°C
 Liquid Temperature: 20.7°C
 Test Date: 03/06/2025
 Band: NR FDD Band n14 Body SAR_Ant.A Open
 Plot No.: B19
 Measurement Report for Device, BACK, Band n14, 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)
 RBPosition:Mid AntennaCfg:SISO, Channel 158600 (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, 0.00	Band n14	5G NR FR1 FDD, 10929-AAD	793.000, 158600	9.32	0.889	41.0

Hardware Setup

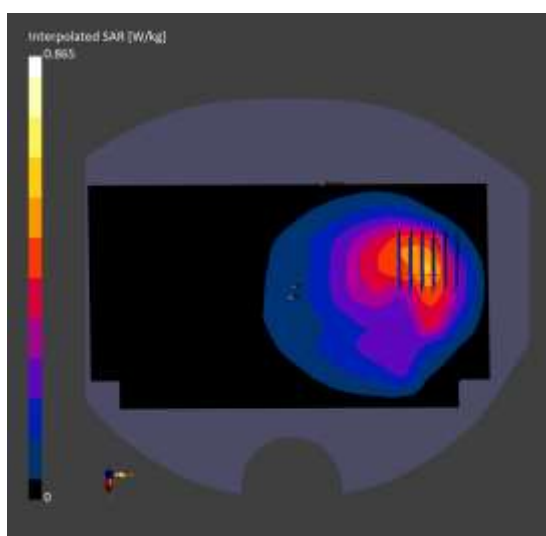
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1750, 2024-09-13

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]	0.506	0.485
psSAR10g [W/Kg]	0.334	0.298
Power Drift [dB]	-0.12	-0.08



EUT Type: Mobile Phone
Ambient Temperature: 21.3°C
Liquid Temperature: 21.2°C
Test Date: 03/04/2025
Band: NR FDD Band n25 Body SAR_Ant.A Open
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	7.1	1.36	39.1

Hardware Setup

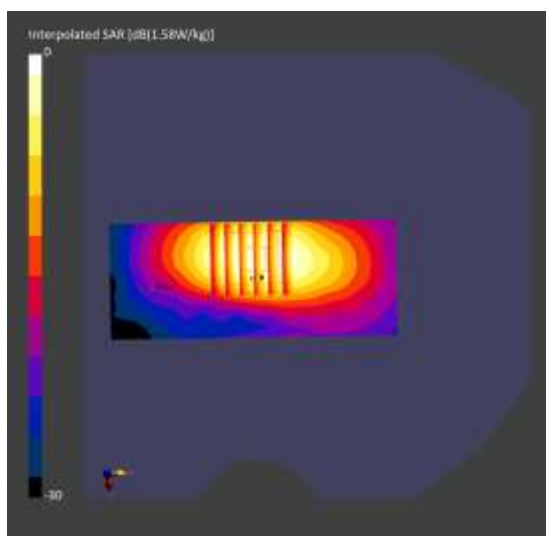
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1686, 2024-06-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.866	0.898
psSAR10g [W/Kg]	0.413	0.448
Power Drift [dB]	-0.15	-0.14



EUT Type: Mobile Phone
 Ambient Temperature: 20.5°C
 Liquid Temperature: 20.4°C
 Test Date: 03/07/2025
 Band: NR FDD Band n26 Body SAR_Ant.A Open
 Plot No.: B21
 Measurement Report for Device, BACK, Band n26, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)
 RBPosition:Mid AntennaCfg:SISO, Channel 166300 (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 n26	5G NR FR1 FDD, 10931-AAC	831.500, 166300	8.84	0.920	42.4

Hardware Setup

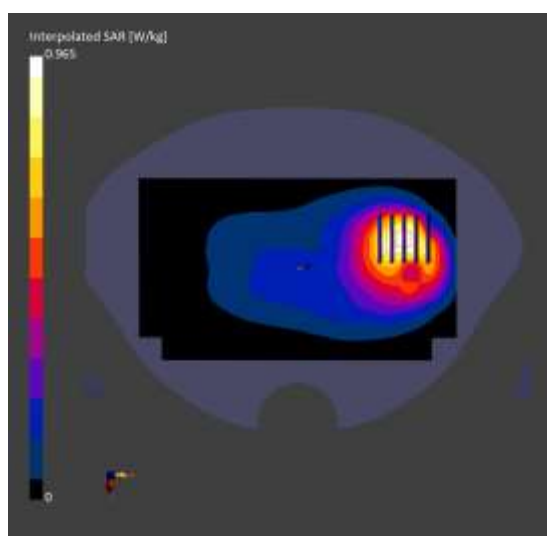
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1750, 2024-09-13

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.596	0.578
psSAR10g [W/Kg]	0.391	0.337
Power Drift [dB]	-0.06	-0.16



EUT Type: Mobile Phone
 Ambient Temperature: 22.3°C
 Liquid Temperature: 22.2°C
 Test Date: 03/11/2025
 Band: NR FDD Band n30 Body SAR_Ant.I Open
 Plot No.: B22
 Measurement Report for Device, EDGE RIGHT, 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	EDGE RIGHT, 5.00	Band n30	5G NR FR1 FDD, 10929-AAD	2310.000, 462000	7.12	1.72	39.1

Hardware Setup

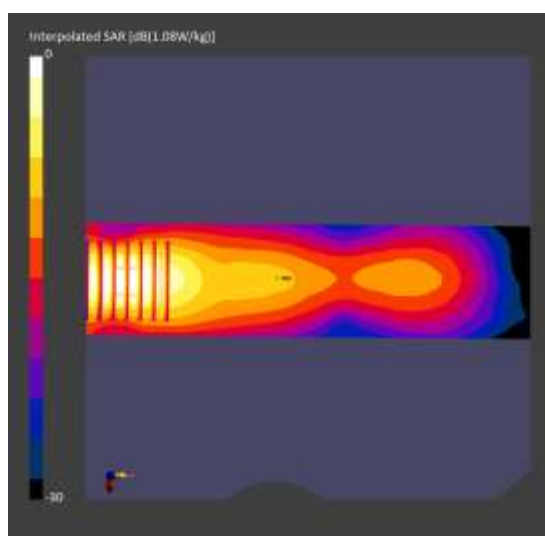
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7907, 2024-12-27	DAE4 Sn504, 2025-01-17

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	42.0 x 216.0	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]	0.760	0.789
psSAR10g [W/Kg]	0.313	0.323
Power Drift [dB]	-0.04	-0.17



EUT Type: Mobile Phone
 Ambient Temperature: 22.6°C
 Liquid Temperature: 22.5°C
 Test Date: 04/18/2025
 Band: NR TDD Band n38 Body SAR_Ant.B
 Plot No.: B23
 Measurement Report for Device, EDGE BOTTOM, Band n38, 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, Channel 519000 (2595.000 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 n38	5G NR FR1 TDD, 10913-AAD	2595.000, 519000	6.55	1.94	38.4

Hardware Setup

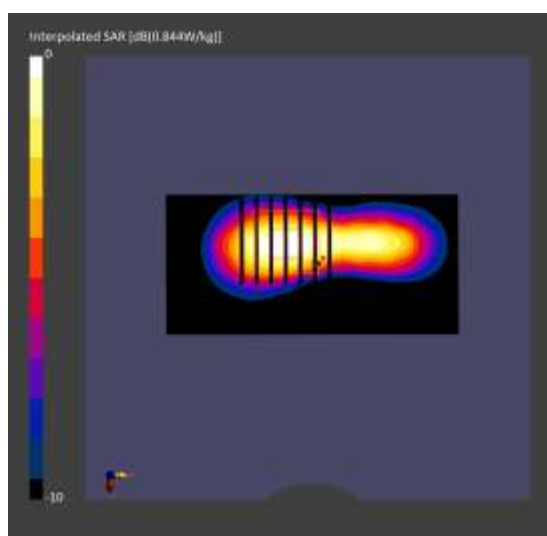
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1686, 2024-06-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 100.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.626	0.637
psSAR10g [W/Kg]	0.278	0.300
Power Drift [dB]	-0.13	-0.17



EUT Type: Mobile Phone
Ambient Temperature: 22.2 °C
Liquid Temperature: 22.1 °C
Test Date: 03/18/2025
Band: NR TDD Band n41 Body SAR_Ant.I Open
Plot No.: B24

Measurement Report for Device, EDGE RIGHT, 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	EDGE RIGHT, 5.00	Band n41	5G NR FR1 TDD, 10866-AAF	2592.990, 518598	7.11	1.94	38.5

Hardware Setup

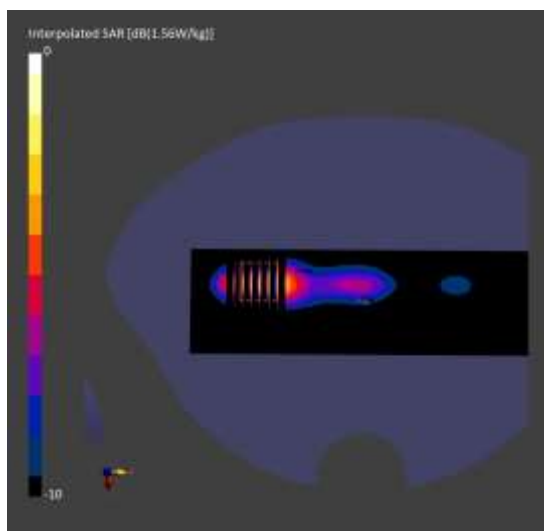
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7655, 2024-05-28	DAE4 Sn1686, 2024-06-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 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]	0.696	0.690
psSAR10g [W/Kg]	0.274	0.281
Power Drift [dB]	-0.15	-0.11



EUT Type: Mobile Phone
Ambient Temperature: 22.5°C
Liquid Temperature: 22.4°C
Test Date: 03/21/2025
Band: NR TDD Band n48 Body SAR_Ant.I Close
Plot No.: B25

Measurement Report for Device, EDGE RIGHT, Band n48, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, Channel 641666 (3624.985 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 RIGHT, 5.00	Band n48	5G NR FR1 TDD, 10903-AAD	3624.985, 641666	6.63	3.01	36.5

Hardware Setup

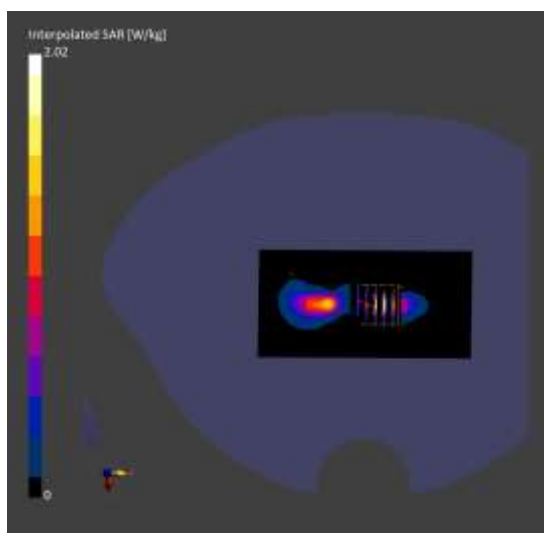
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7309, 2024-06-19	DAE4 Sn1686, 2024-06-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 120.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.573	0.652
psSAR10g [W/Kg]	0.162	0.189
Power Drift [dB]	0.19	-0.15



EUT Type: Mobile Phone
 Ambient Temperature: 22.2 °C
 Liquid Temperature: 22.1 °C
 Test Date: 03/13/2025
 Band: NR FDD Band n66 Body SAR_Ant.A Open
 Plot No.: B26

Measurement Report for Device, EDGE BOTTOM, Band n66, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCf: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	7.25	1.36	41.1

Hardware Setup

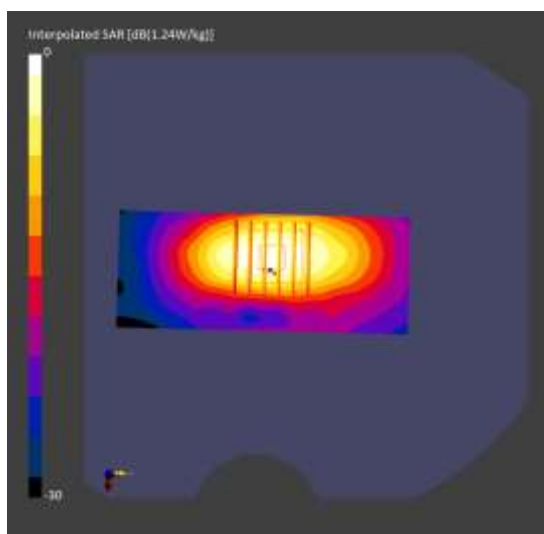
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1686, 2024-06-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.941	0.976
psSAR10g [W/Kg]	0.444	0.482
Power Drift [dB]	-0.12	-0.01



EUT Type: Mobile Phone
 Ambient Temperature: 22.1 °C
 Liquid Temperature: 22.0 °C
 Test Date: 03/16/2025
 Band: NR FDD Band n70 Body SAR_Ant.A Open
 Plot No.: B27
 Measurement Report for Device, EDGE BOTTOM, Band n70, 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, Channel 340500 (1702.500 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 n70	5G NR FR1 FDD, 10930-AAC	1702.500, 340500	7.63	1.34	40.9

Hardware Setup

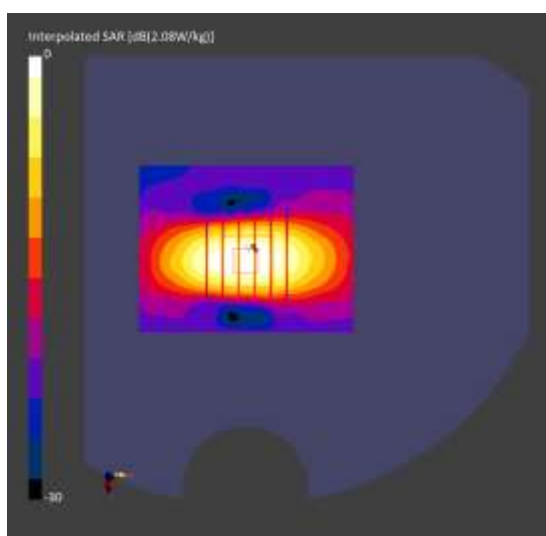
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7907, 2024-12-27	DAE4 Sn504, 2025-01-17

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.951	0.999
psSAR10g [W/Kg]	0.445	0.456
Power Drift [dB]	0.02	-0.02



EUT Type: Mobile Phone
 Ambient Temperature: 22.1 °C
 Liquid Temperature: 22.0 °C
 Test Date: 03/13/2025
 Band: NR FDD Band n71 Body SAR_Ant.A Close
 Plot No.: B28
 Measurement Report for Device, BACK, Band n71, 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) RBPosition:Mid AntennaCfg:SISO, Channel 136100 (680.500 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 5.00	Band n71	5G NR FR1 FDD, 10939-AAC	680.500, 136100	9.32	0.883	42.1

Hardware Setup

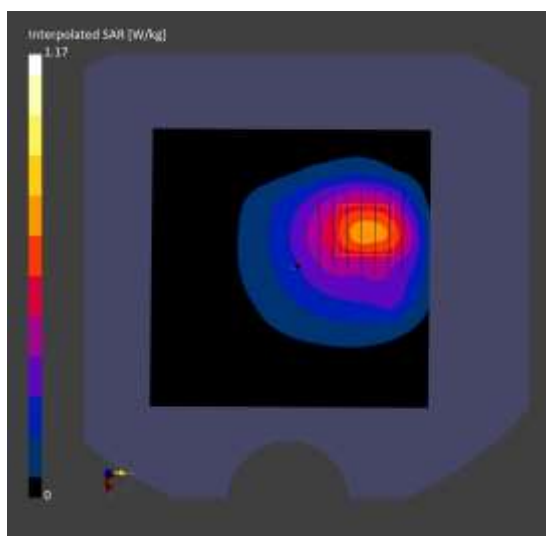
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1750, 2024-09-13

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 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]	0.630	0.619
psSAR10g [W/Kg]	0.415	0.365
Power Drift [dB]	0.01	-0.07



EUT Type: Mobile Phone
 Ambient Temperature: 22.8°C
 Liquid Temperature: 22.7°C
 Test Date: 04/14/2025
 Band: NR FDD Band n77 Body SAR_SRSAnt.I Open
 Plot No.: B29
 Measurement Report for Device, EDGE RIGHT, Band n77, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) RBPosition:Mid AntennaCfg:SISO, Channel 633334 (3500.010 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 RIGHT, 5.00	Band n77	5G NR FR1 TDD, 10866-AAF	3500.010, 633334	6.68	2.90	37.3

Hardware Setup

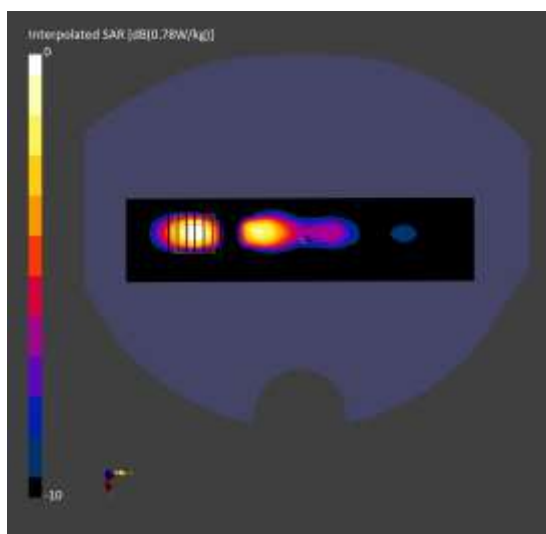
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7309, 2024-06-19	DAE4 Sn1686, 2024-06-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 200.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	8.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.534	0.530
psSAR10g [W/Kg]	0.183	0.185
Power Drift [dB]	-0.11	-0.11



EUT Type: Mobile Phone
 Ambient Temperature: 22.3°C
 Liquid Temperature: 22.2°C
 Test Date: 04/18/2025
 Band: 2.4 GHz WLAN Body SAR _ Ant.G+H Open
 Plot No.: B30

Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:1.53886
 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.846$ S/m; $\epsilon_r = 39.952$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.77, 8.11, 7.37) @ 2437 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Right; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

802.11b Body Left 1Mbps 6ch/Area Scan (51x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 0.808 W/kg

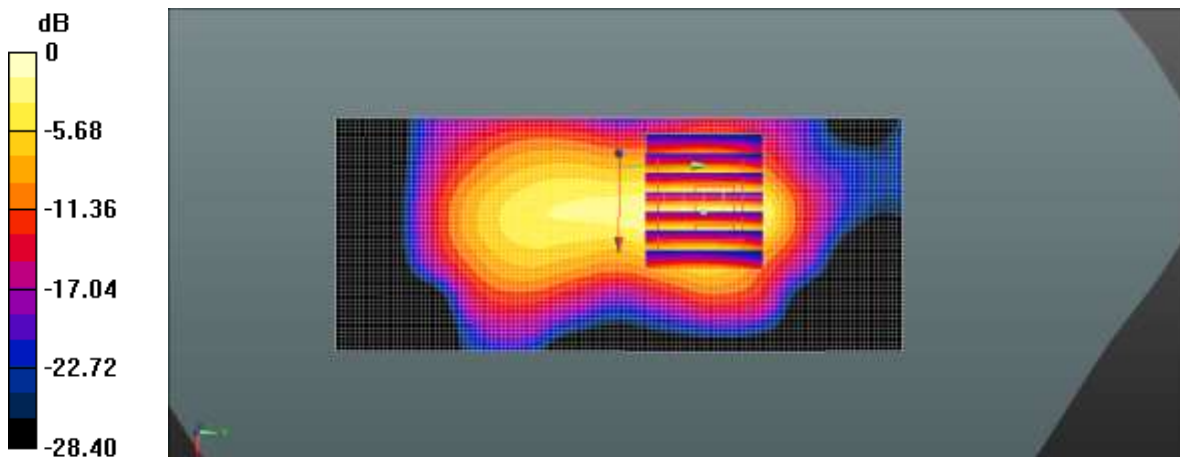
802.11b Body Left 1Mbps 6ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.24 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.431 W/kg; SAR(10 g) = 0.181 W/kg

Maximum value of SAR (measured) = 0.786 W/kg



0 dB = 0.786 W/kg = -1.05 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 23.4°C
 Liquid Temperature: 23.3°C
 Test Date: 03/25/2025
 Band: 5 GHz WLAN Body SAR _Ant.F Open
 Plot No.: B31
 Measurement Report for Device, FRONT, U-NII-2C Standalone, IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle), Channel 138 (5690.000 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	U-NII-2C Standalone	WLAN, 10626-AAD	5690.000, 138	5.04	5.07	36.6

Hardware Setup

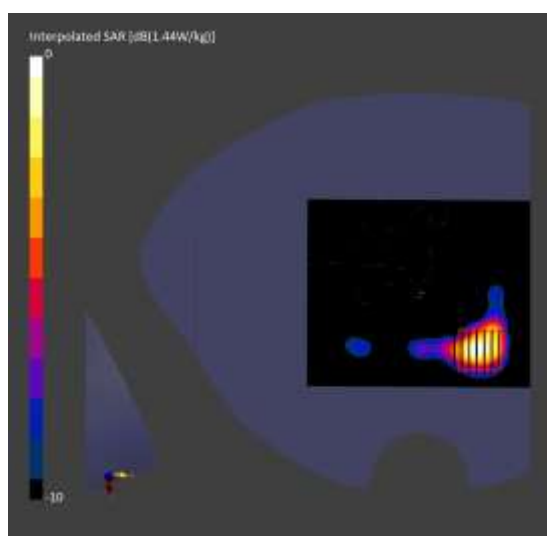
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7309, 2024-06-19	DAE4 Sn1686, 2024-06-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 120.0	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]	0.269	0.324
psSAR10g [W/Kg]	0.083	0.090
Power Drift [dB]	0.01	0.09



EUT Type: Mobile Phone
 Ambient Temperature: 22.1°C
 Liquid Temperature: 22.0°C
 Test Date: 03/31/2025
 Band: 6 GHz WLAN Body SAR _Ant.F Close
 Plot No.: B32
 Measurement Report for Device, FRONT, U-NII-7, IEEE 802.11ax (40MHz, MCS0, 90pc duty cycle),
 Channel 179 (6845.000 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	U-NII-7	WLAN, 10695-AAC	6845.000, 179	5.29	6.48	33.5

Hardware Setup

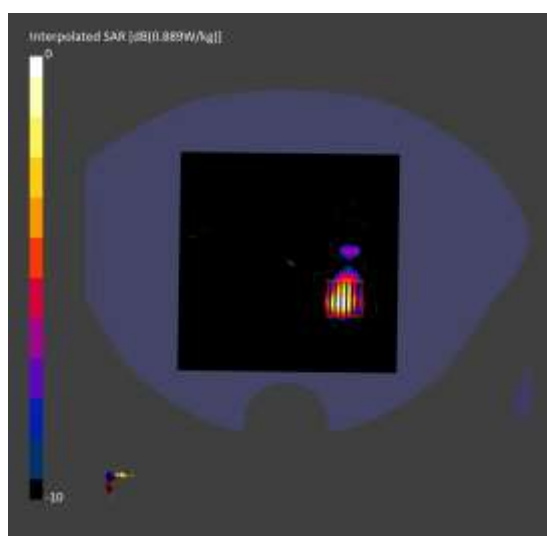
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7680, 2024-05-28	DAE4 Sn1464, 2024-06-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	130.0 x 130.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.143	0.165
psSAR10g [W/Kg]	0.038	0.045
Power Drift [dB]	0.13	-0.07



EUT Type: Mobile Phone
 Ambient Temperature: 22.2°C
 Liquid Temperature: 22.1°C
 Test Date: 03/12/2025
 Band: Bluetooth Body SAR _Ant.G Close
 Plot No.: B33

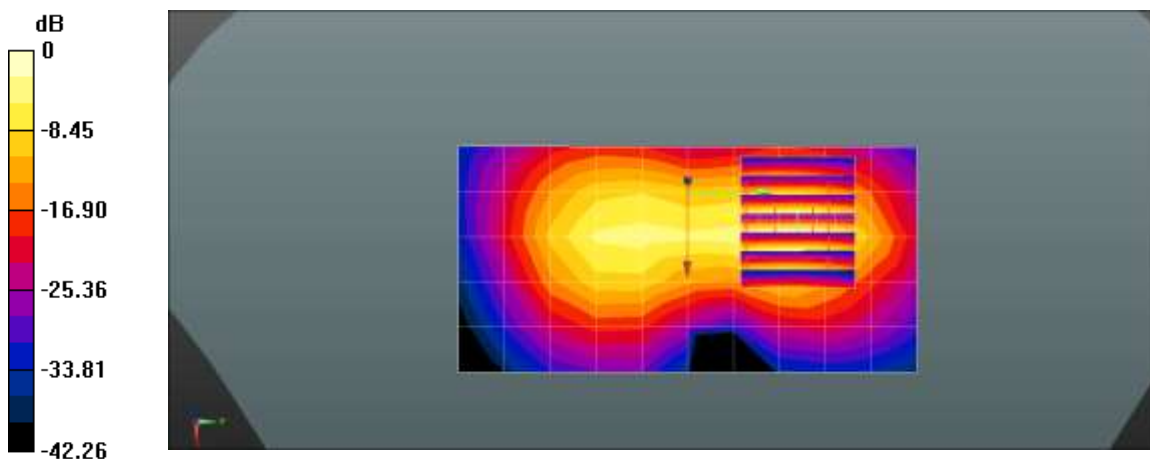
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2441 \text{ MHz}$; $\sigma = 1.852 \text{ S/m}$; $\epsilon_r = 39.534$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.77, 8.11, 7.37) @ 2441 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Right; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Bluetooth Body Left DH5 39ch/Area Scan (6x11x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
 Maximum value of SAR (measured) = 1.05 W/kg

Bluetooth Body Left DH5 39ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 12.36 V/m; Power Drift = 0.13 dB
 Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 0.515 W/kg; SAR(10 g) = 0.195 W/kg
 Maximum value of SAR (measured) = 1.08 W/kg



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

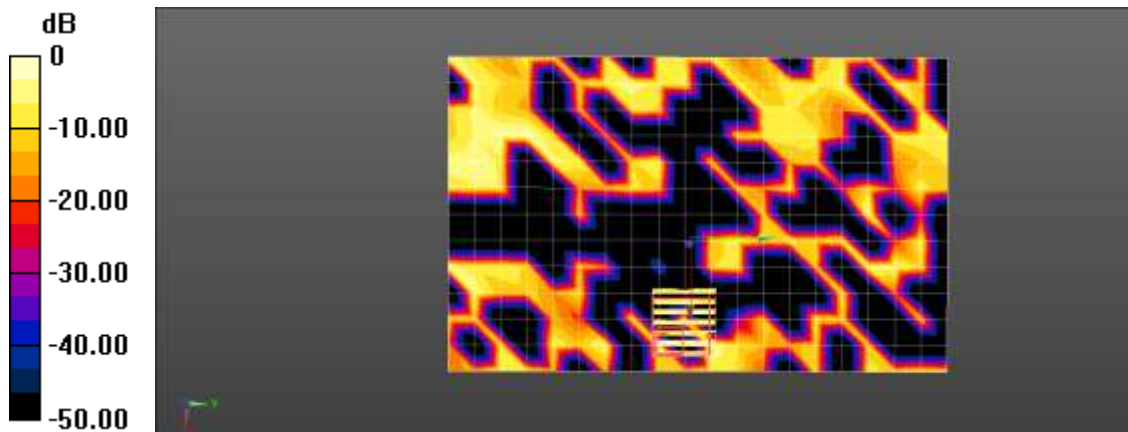
EUT Type: Mobile Phone
 Ambient Temperature: 22.2 °C
 Liquid Temperature: 22.1 °C
 Test Date: 03/13/2025
 Band: NFC SAR _Ant.G Close
 Plot No.: C1

Communication System: UID 0, NFC (0); Frequency: 13.56 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 14 \text{ MHz}$; $\sigma = 0.76 \text{ S/m}$; $\epsilon_r = 54.388$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

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

NFC Phablet Rear Type B 106kbps/Area Scan (13x20x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
 Maximum value of SAR (measured) = 0.000441 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 = 0 V/m; Power Drift = 0.00 dB
 Peak SAR (extrapolated) = 0.00140 W/kg
 $\text{SAR}(1 \text{ g}) = 0.000142 \text{ W/kg}$; $\text{SAR}(10 \text{ g}) = 4.84\text{e-}005 \text{ W/kg}$
 Maximum value of SAR (measured) = 0.000691 W/kg



0 dB = 0.000691 W/kg = -31.61 dBW/kg

EUT Type: Mobile Phone
 Ambient Temperature: 22.7°C
 Liquid Temperature: 22.6°C
 Test Date: 03/28/2025
 Band: 6 GHz WLAN Head SAR_Ant.F
 Plot No.: D1

Measurement Report for Device, CHEEK, U-NII-7, IEEE 802.11ax (40MHz, MCS0, 99pc duty cycle), Channel 179 (6845.000 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-7	WLAN, 10707-AAC	6845.000, 179	5.29	6.46	33.6

Hardware Setup

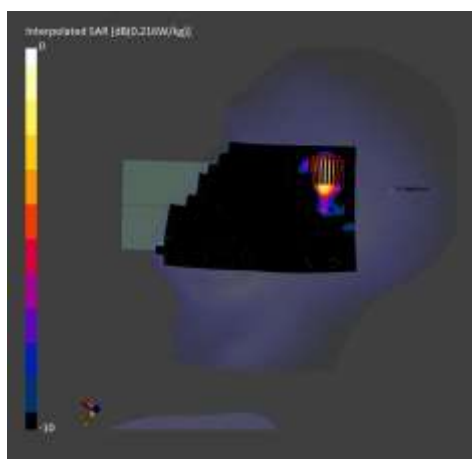
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7680, 2024-05-28	DAE4 Sn1464, 2024-06-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	102.0 x 204.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.146	0.154
psSAR10g [W/kg]	0.042	0.046
psAPD (1.0cm2, sq) [W/m2]		1.54
psAPD (4.0cm2, sq) [W/m2]		1.06
Power Drift [dB]	0.09	0.08



EUT Type: Mobile Phone
 Ambient Temperature: 22.1°C
 Liquid Temperature: 22.0°C
 Test Date: 03/31/2025
 Band: 6 GHz WLAN Body SAR _Ant.F
 Plot No.: D2

Measurement Report for Device, FRONT, U-NII-7, IEEE 802.11ax (40MHz, MCS0, 90pc duty cycle), Channel 179 (6845.000 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	U-NII-7	WLAN, 10695-AAC	6845.000, 179	5.29	6.48	33.5

Hardware Setup

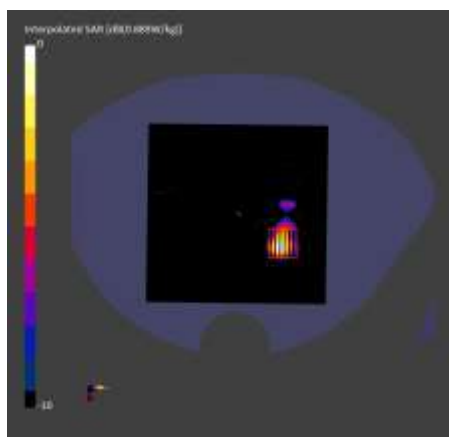
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7680, 2024-05-28	DAE4 Sn1464, 2024-06-19

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	130.0 x 130.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/kg]	0.143	0.165
psSAR10g [W/kg]	0.038	0.045
psAPD (1.0cm2, sq) [W/m2]		1.65
psAPD (4.0cm2, sq) [W/m2]		1.04
Power Drift [dB]	0.13	-0.07



EUT Type: Mobile Phone
Ambient Temperature: 22.1
Test Date: 03/24/2025
Band: WLAN 6E Body Power Density_Ant F
Plot No.: D3

Measurement Report for Device, BACK, U-NII-7, IEEE 802.11ax (40MHz, MCS0, 99pc duty cycle), Channel 179 (6845.0 MHz)

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	BACK, 2.00	U-NII-7	WLAN, 10707-AAC	6845.0, 179	1.0

Hardware Setup

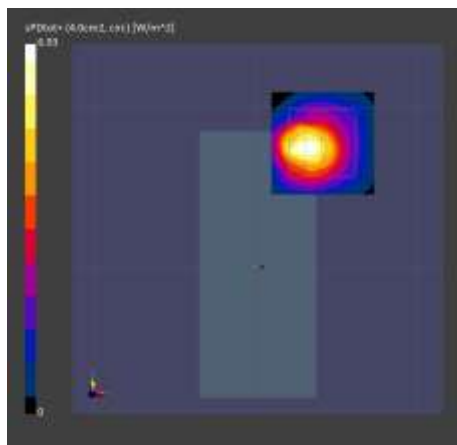
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - xxxx	Air -	EUmmWV4 - SN9528_F1-55GHz, 2024-05-17	DAE4 Sn868, 2024-09-19

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.04660656853857782 x 0.04660656853857782
Sensor Surface [mm]	2.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm2]	4.00
psPDn+ [W/m2]	4.44
psPDtot+ [W/m2]	6.93
psPDmod+ [W/m2]	8.96
E _{max} [V/m]	76.3
Power Drift [dB]	-0.15



Appendix C. – Dipole Verification Plots

Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 20.4℃
 Test Date: 02/28/2025
 Band: LTE Band 12 _Ant.A
 Plot No.: v1
 Measurement Report for Device, , , CW, Channel 0 (750.000 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	,		CW, 0--	750.000, 0	9.12	0.926	41.2

Hardware Setup

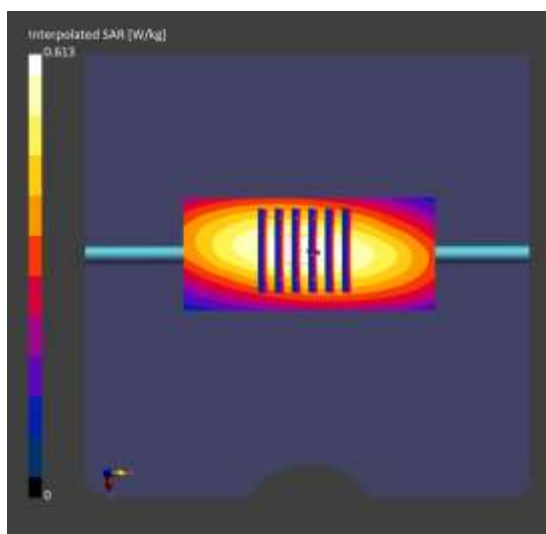
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7655, 2024-05-28	DAE4 Sn1686, 2024-06-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.436	0.440
psSAR10g [W/Kg]	0.291	0.301
Power Drift [dB]	0.00	0.00



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 21.2℃
 Test Date: 03/01/2025
 Band: LTE Band 13_Ant.A
 Plot No.: v2
 Measurement Report for Device, , , CW, Channel 0 (750.000 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	,		CW, 0--	750.000, 0	9.12	0.926	41.2

Hardware Setup

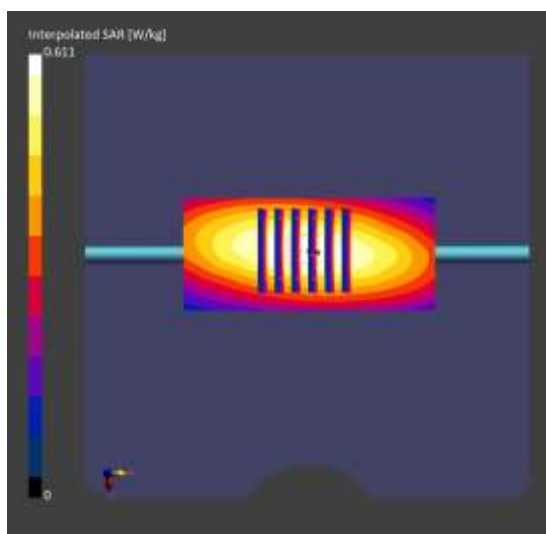
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7655, 2024-05-28	DAE4 Sn1686, 2024-06-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.436	0.439
psSAR10g [W/Kg]	0.292	0.300
Power Drift [dB]	0.01	-0.00



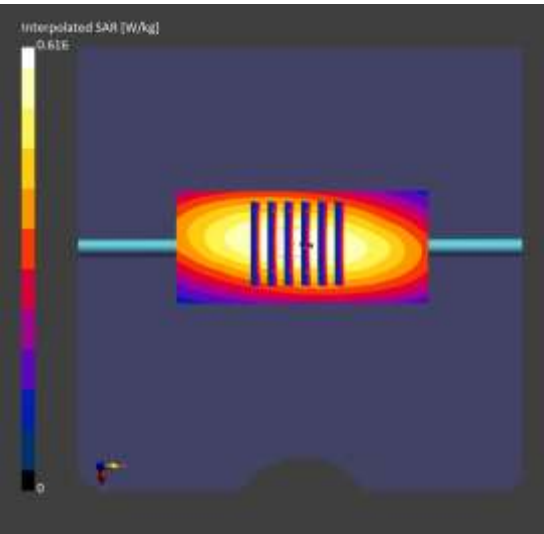
Test Laboratory: HCT CO., LTD
Input Power: 0.05W
Liquid Temperature: 21.4℃
Test Date: 03/02/2025
Band: LTE Band 14_Ant.A
Plot No.: v3
Measurement Report for Device, , , CW, Channel 0 (750.000 MHz)

Exposure Conditions							
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	,		CW, 0--	750.000, 0	9.12	0.925	41.3

Hardware Setup		
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7655, 2024-05-28	DAE4 Sn1686, 2024-06-19

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

Measurement Results		
	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.435	0.441
psSAR10g [W/Kg]	0.291	0.301
Power Drift [dB]	0.01	0.00



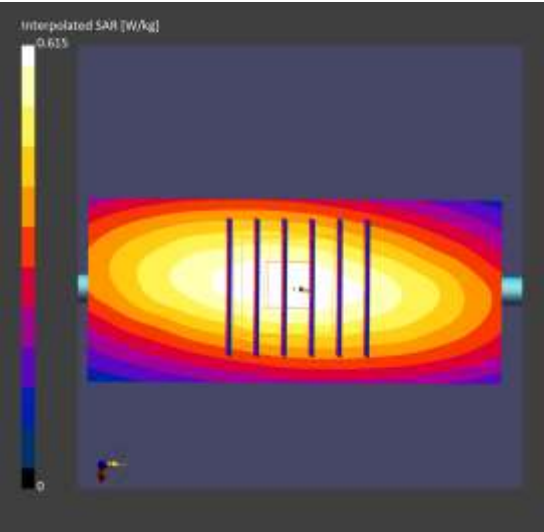
Test Laboratory: HCT CO., LTD
Input Power: 0.05W
Liquid Temperature: 21.4℃
Test Date: 03/10/2025
Band: LTE Band 71_Ant.A
Plot No.: v4
Measurement Report for Device, , , CW, Channel 0 (750.000 MHz)

Exposure Conditions							
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	,		CW, 0--	750.000, 0	9.12	0.923	41.3

Hardware Setup		
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7655, 2024-05-28	DAE4 Sn1686, 2024-06-19

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

Measurement Results		
	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.445	0.441
psSAR10g [W/Kg]	0.297	0.301
Power Drift [dB]	-0.07	-0.03



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 21.4°C
 Test Date: 03/24/2025
 Band: GSM850_Ant.A
 Plot No.: v5

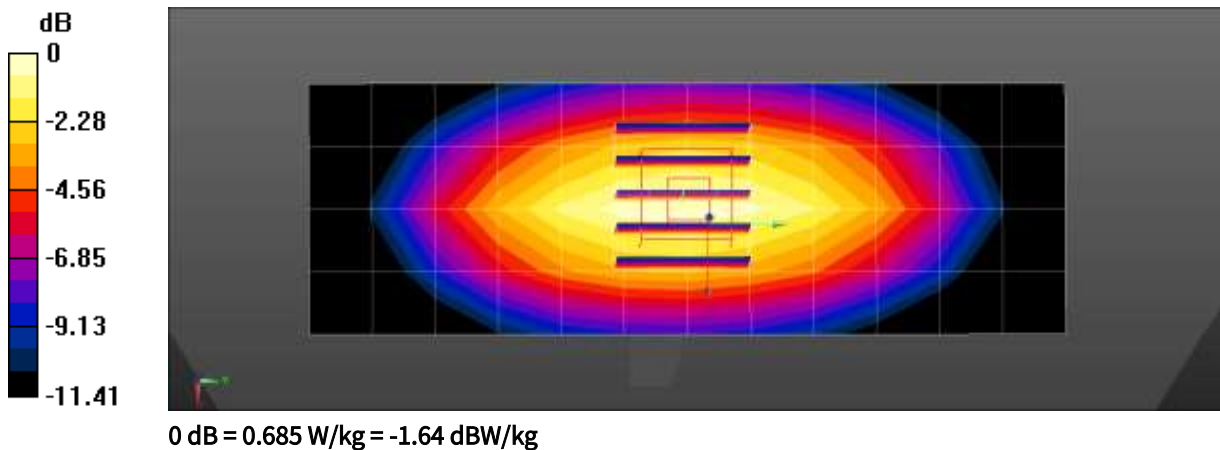
Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 835 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 42.417$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

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 Sn1225; Calibrated: 2025-02-18
- 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)

835MHz Head Verification/Area Scan (5x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.674 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 = 29.93 V/m; Power Drift = -0.19 dB
 Peak SAR (extrapolated) = 0.761 W/kg
SAR(1 g) = 0.515 W/kg; SAR(10 g) = 0.331 W/kg
 Maximum value of SAR (measured) = 0.685 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 21.3℃
 Test Date: 03/03/2025
 Band: LTE Band 26_Ant.A
 Plot No.: v6
 Measurement Report for Device, , , CW, Channel 0 (835.000 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	,		CW, 0--	835.000, 0	9.18	0.925	42.7

Hardware Setup

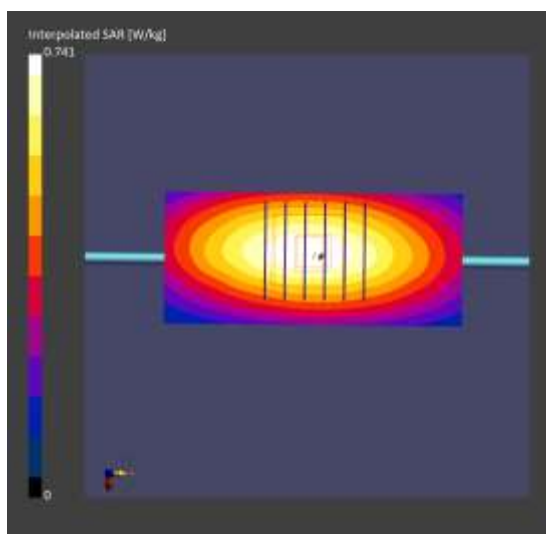
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7655, 2024-05-28	DAE4 Sn1686, 2024-06-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.505	0.514
psSAR10g [W/Kg]	0.333	0.345
Power Drift [dB]	-0.00	-0.02



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 20.0℃
 Test Date: 03/04/2025
 Band: UMTS Band 5_Ant.A
 Plot No.: v7
 Measurement Report for Device, , , CW, Channel 0 (835.000 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	,		CW, 0--	835.000, 0	8.84	0.927	42.6

Hardware Setup

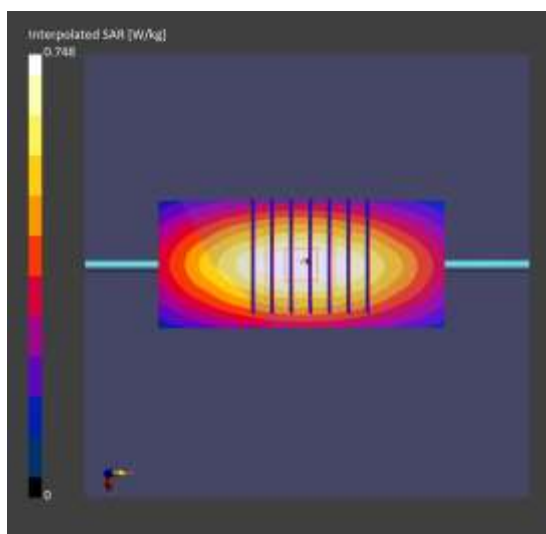
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1750, 2024-09-13

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	0.517
psSAR10g [W/Kg]	0.340	0.345
Power Drift [dB]	0.01	-0.03



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 19.9℃
 Test Date: 03/05/2025
 Band: UMTS Band 4_Ant.A
 Plot No.: v8
 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	41.0

Hardware Setup

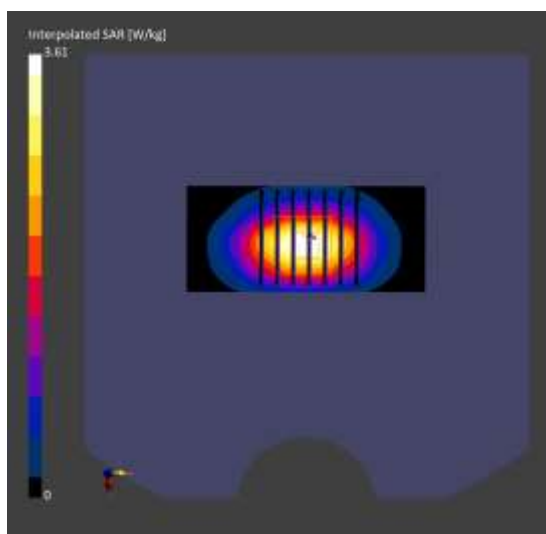
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1750, 2024-09-13

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]	2.11	1.97
psSAR10g [W/Kg]	1.13	1.05
Power Drift [dB]	-0.11	-0.17



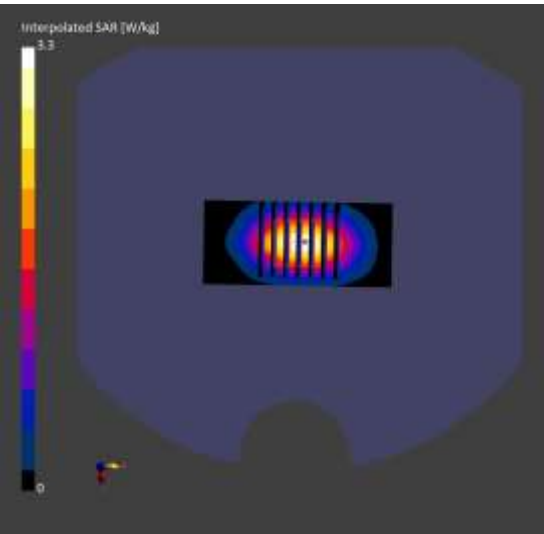
Test Laboratory: HCT CO., LTD
Input Power: 0.05W
Liquid Temperature: 22.2℃
Test Date: 04/27/2025
Band: UMTS Band 4_Ant.I
Plot No.: v9
Measurement Report for Device, , , CW, Channel 0 (1800.000 MHz)

Exposure Conditions							
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	,		CW, 0--	1800.000, 0	8.33	1.38	40.6

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

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

Measurement Results		
	Area Scan	Zoom Scan
psSAR1g [W/Kg]	1.88	1.89
psSAR10g [W/Kg]	0.988	1.02
Power Drift [dB]	-0.01	0.00



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 22.0℃
 Test Date: 03/04/2025
 Band: LTE Band 66_Ant.A
 Plot No.: v10

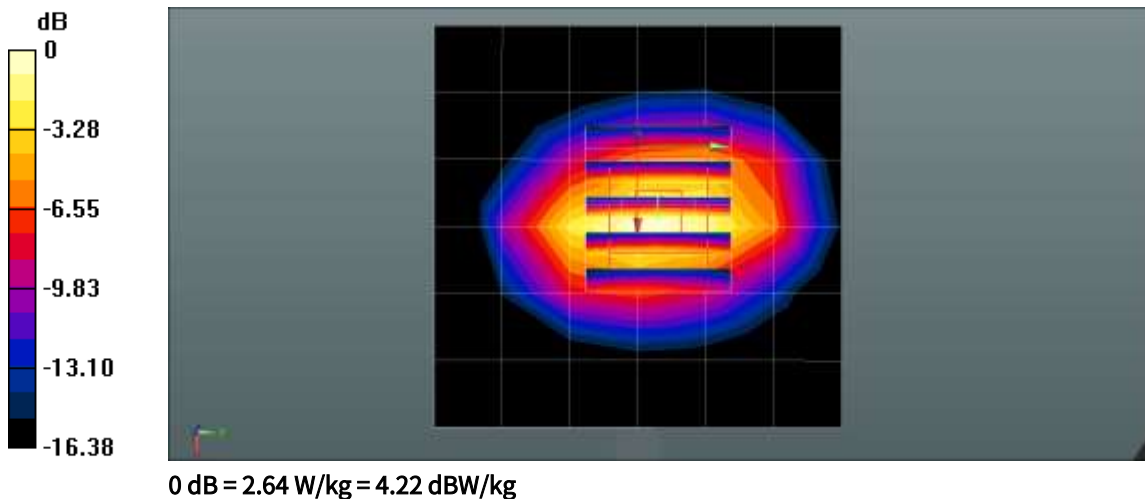
Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1800 \text{ MHz}$; $\sigma = 1.384 \text{ S/m}$; $\epsilon_r = 40.588$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(8.3, 8.66, 7.87) @ 1800 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Left; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

1800MHz Head Verification/Area Scan (7x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 2.54 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 = 45.56 V/m; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 3.02 W/kg
SAR(1 g) = 1.78 W/kg; SAR(10 g) = 0.959 W/kg
 Maximum value of SAR (measured) = 2.64 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 23.1°C
 Test Date: 03/07/2025
 Band: LTE Band 66_Ant.I
 Plot No.: v11

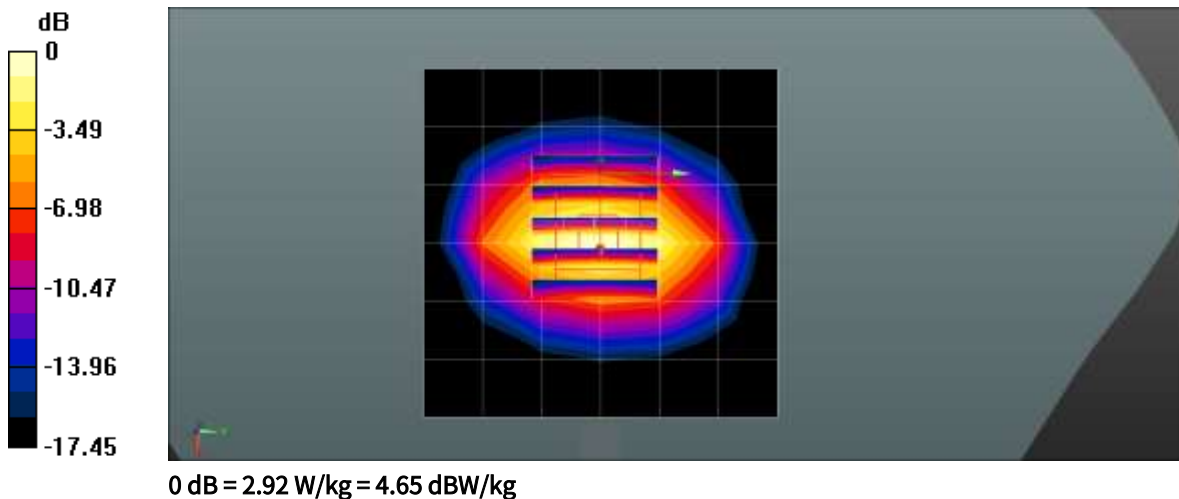
Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1800 \text{ MHz}$; $\sigma = 1.412 \text{ S/m}$; $\epsilon_r = 41.245$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(8.3, 8.66, 7.87) @ 1800 MHz;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Left
- Measurement SW: DASY52, Version 52.10 (4);

1800MHz Head Verification/Area Scan (7x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 2.90 W/kg

1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 48.23 V/m; Power Drift = 0.07 dB
 Peak SAR (extrapolated) = 3.37 W/kg
SAR(1 g) = 1.93 W/kg; SAR(10 g) = 1.02 W/kg
 Maximum value of SAR (measured) = 2.92 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 21.7°C
 Test Date: 03/25/2025
 Band: GSM1900_Ant.A Head
 Plot No.: v12

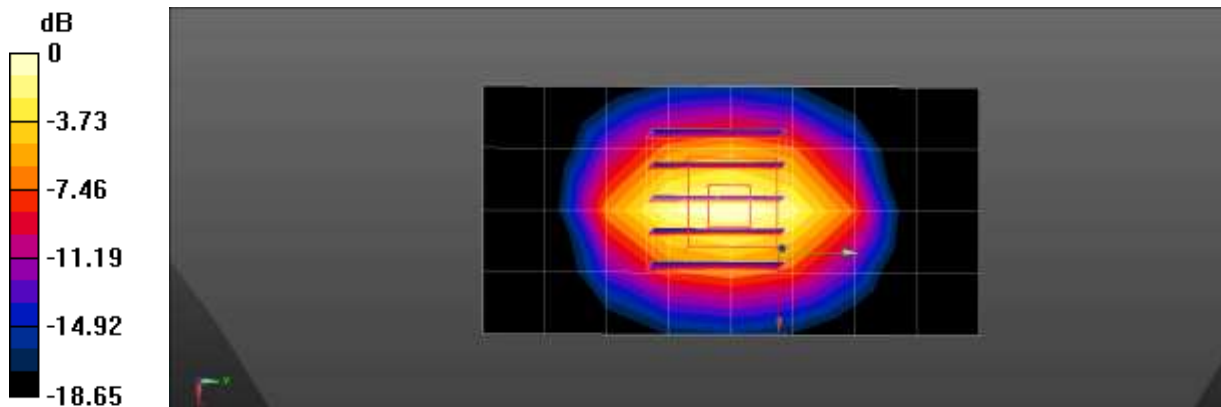
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1900 \text{ MHz}$; $\sigma = 1.389 \text{ S/m}$; $\epsilon_r = 38.837$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

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 Sn1225; Calibrated: 2025-02-18
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

1900MHz Head Verification/Area Scan (5x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 3.09 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 = 49.53 V/m; Power Drift = 0.06 dB
 Peak SAR (extrapolated) = 3.66 W/kg
SAR(1 g) = 2.03 W/kg; SAR(10 g) = 1.06 W/kg
 Maximum value of SAR (measured) = 3.06 W/kg



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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 22.0℃
 Test Date: 04/02/2025
 Band: GSM1900_Ant.A Body
 Plot No.: v13

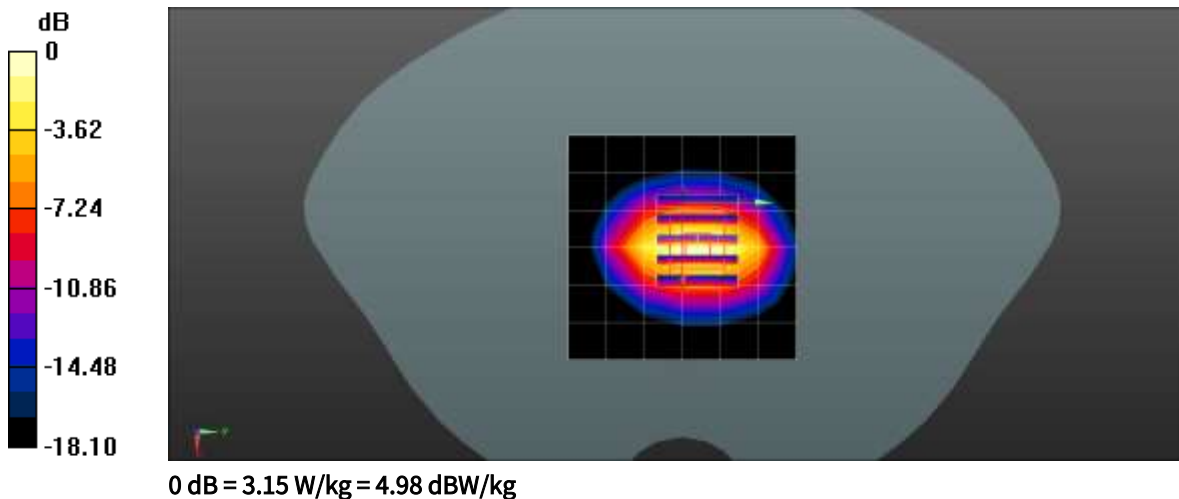
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1900 \text{ MHz}$; $\sigma = 1.384 \text{ S/m}$; $\epsilon_r = 38.797$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(8.01, 8.36, 7.6) @ 1900 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Left; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

1900MHz Head Verification/Area Scan (7x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 2.95 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 = 49.38 V/m; Power Drift = -0.10 dB
 Peak SAR (extrapolated) = 3.66 W/kg
SAR(1 g) = 2.03 W/kg; SAR(10 g) = 1.05 W/kg
 Maximum value of SAR (measured) = 3.15 W/kg



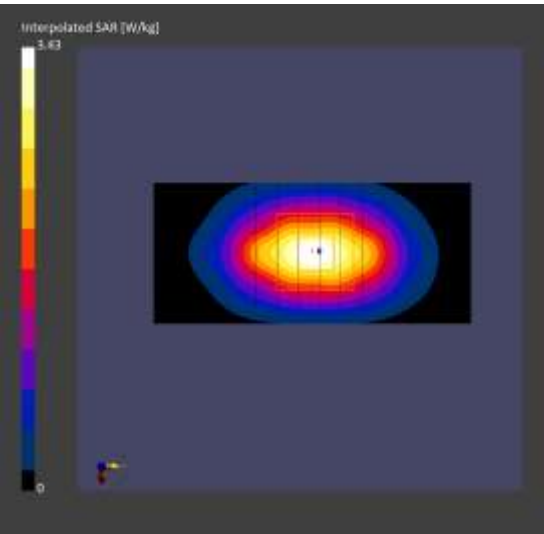
Test Laboratory: HCT CO., LTD
Input Power: 0.05W
Liquid Temperature: 19.4℃
Test Date: 02/28/2025
Band: UMTS Band 2_Ant.A
Plot No.: v14
Measurement Report for Device, , , CW, Channel 0 (1900.000 MHz)

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	39.2

Hardware Setup		
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1750, 2024-09-13

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]	2.03	1.93
psSAR10g [W/Kg]	1.04	1.00
Power Drift [dB]	-0.16	-0.16



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 22.2°C
 Test Date: 04/26/2025
 Band: UMTS Band 2_Ant.I
 Plot No.: v15
 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	7.45	1.41	40.0

Hardware Setup

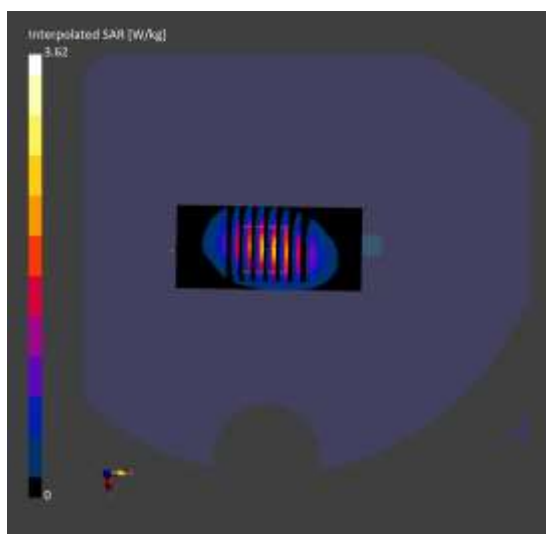
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7732, 2024-06-19	DAE4 Sn1254, 2024-05-16

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.07	2.08
psSAR10g [W/Kg]	1.07	1.11
Power Drift [dB]	0.01	0.00



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 22.0℃
 Test Date: 03/26/2025
 Band: LTE Band 25_Ant.A
 Plot No.: v16

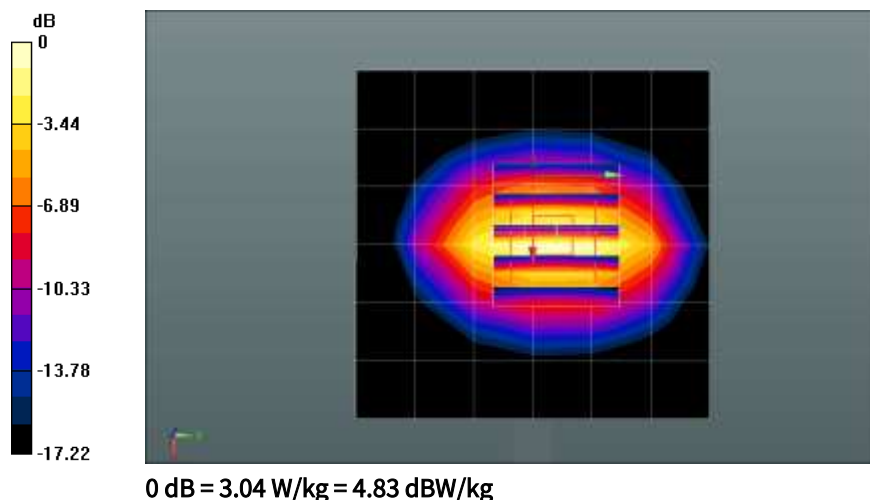
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1900 \text{ MHz}$; $\sigma = 1.418 \text{ S/m}$; $\epsilon_r = 40.045$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(8.01, 8.36, 7.6) @ 1900 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Left; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

1900MHz Head Verification/Area Scan (7x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 2.92 W/kg

1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 48.43 V/m; Power Drift = 0.00 dB
 Peak SAR (extrapolated) = 3.49 W/kg
SAR(1 g) = 2.04 W/kg; SAR(10 g) = 1.08 W/kg
 Maximum value of SAR (measured) = 3.04 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 22.1°C
 Test Date: 03/27/2025
 Band: LTE Band 25_Ant.I
 Plot No.: v17

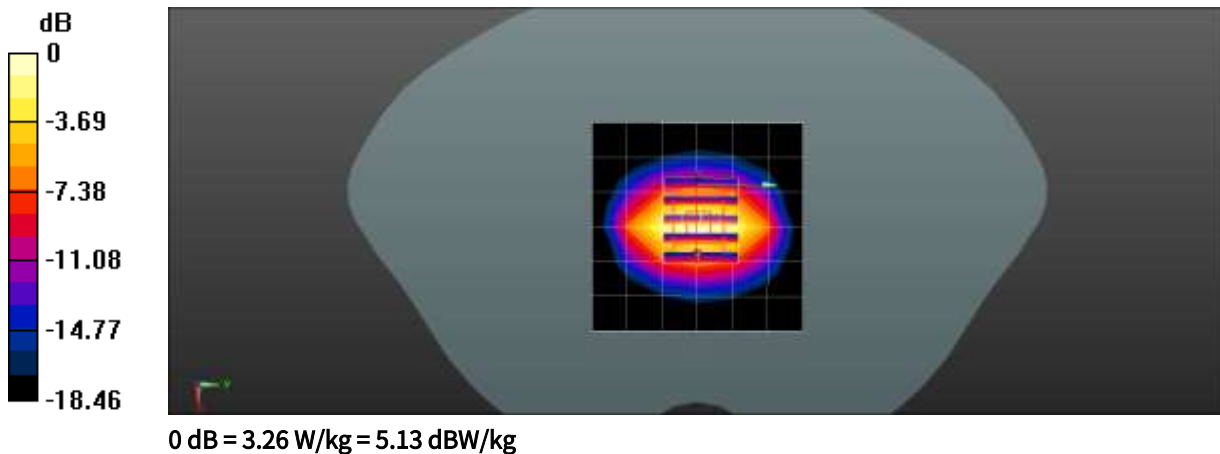
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1900 \text{ MHz}$; $\sigma = 1.4 \text{ S/m}$; $\epsilon_r = 39.488$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(8.01, 8.36, 7.6) @ 1900 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Left; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

1900MHz Head Verification/Area Scan (7x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 3.31 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 = 53.21 V/m; Power Drift = -0.12 dB
 Peak SAR (extrapolated) = 3.79 W/kg
SAR(1 g) = 2.12 W/kg; SAR(10 g) = 1.1 W/kg
 Maximum value of SAR (measured) = 3.26 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 22.2°C
 Test Date: 03/01/2025
 Band: LTE Band 30_Ant.B
 Plot No.: v18

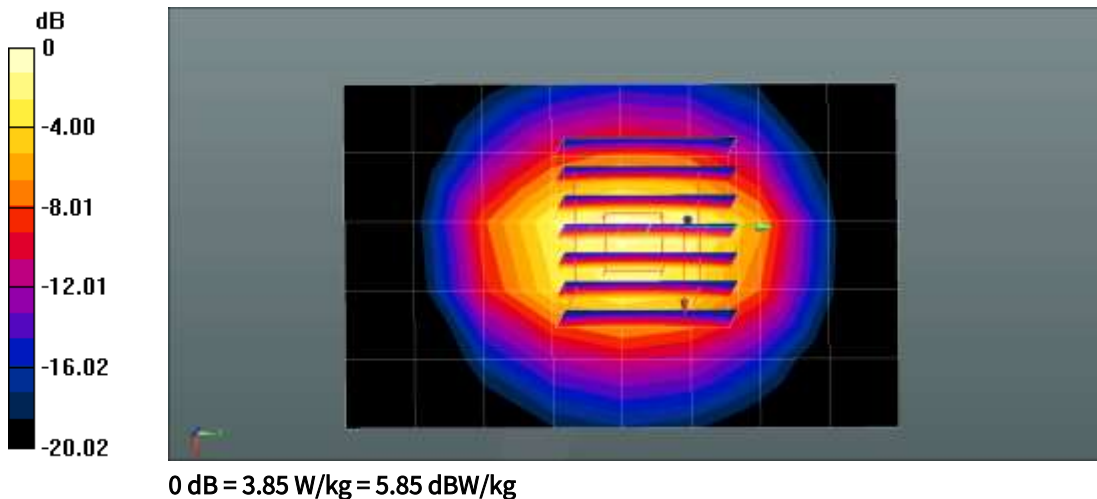
Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2300$ MHz; $\sigma = 1.702$ S/m; $\epsilon_r = 39.642$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.6, 7.92, 7.21) @ 2300 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Right; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2300MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.29 W/kg

2300MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 49.65 V/m; Power Drift = 0.08 dB
 Peak SAR (extrapolated) = 4.61 W/kg
SAR(1 g) = 2.43 W/kg; SAR(10 g) = 1.19 W/kg
 Maximum value of SAR (measured) = 3.85 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 22.4℃
 Test Date: 03/02/2025
 Band: LTE Band 30_Ant.I
 Plot No.: v19

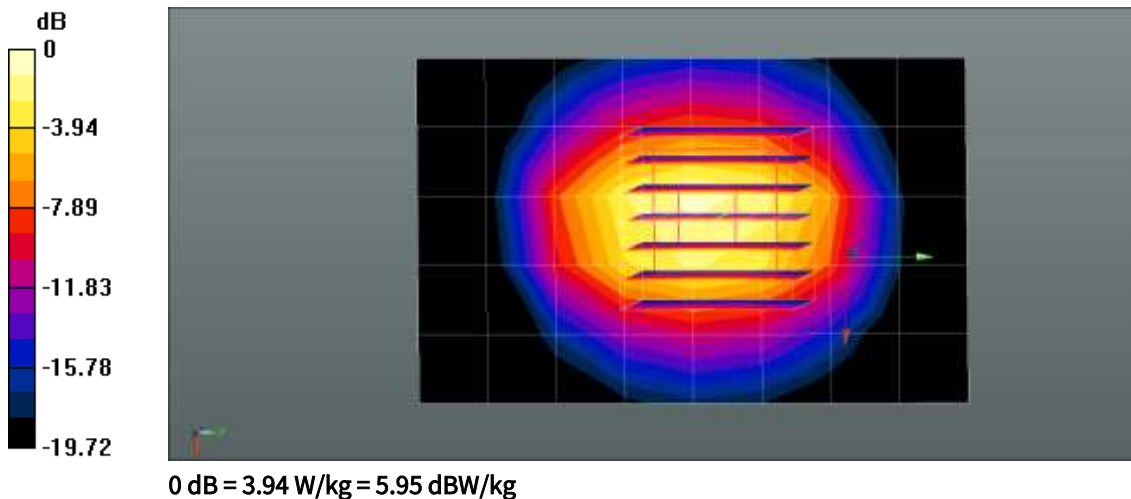
Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2300$ MHz; $\sigma = 1.727$ S/m; $\epsilon_r = 39.561$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.6, 7.92, 7.21) @ 2300 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Right; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2300MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.32 W/kg

2300MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 49.62 V/m; Power Drift = 0.07 dB
 Peak SAR (extrapolated) = 4.70 W/kg
SAR(1 g) = 2.47 W/kg; SAR(10 g) = 1.21 W/kg
 Maximum value of SAR (measured) = 3.94 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 22.1°C
 Test Date: 03/12/2025
 Band: Bluetooth Ant.F
 Plot No.: v20

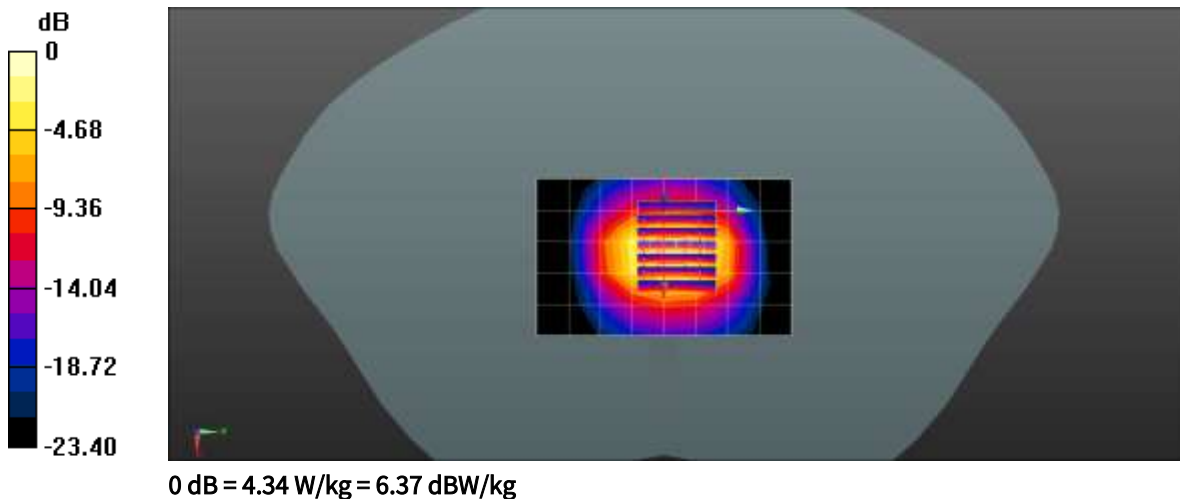
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.862$ S/m; $\epsilon_r = 39.935$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.77, 8.11, 7.37) @ 2450 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Right; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2450MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.30 W/kg

2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 50.98 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 5.31 W/kg
SAR(1 g) = 2.6 W/kg; SAR(10 g) = 1.19 W/kg
 Maximum value of SAR (measured) = 4.34 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 22.0℃
 Test Date: 03/13/2025
 Band: Bluetooth Ant.H
 Plot No.: v21

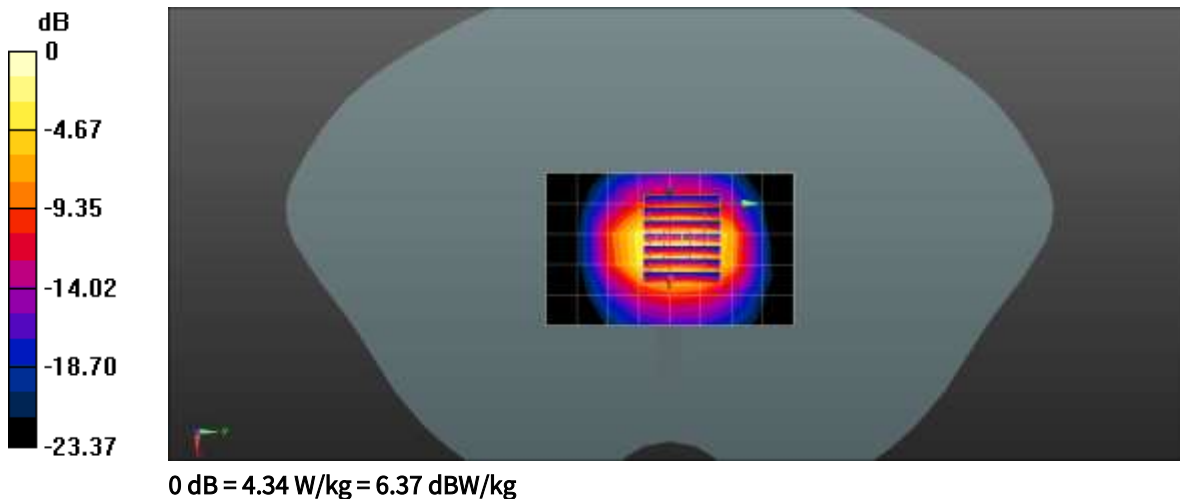
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.855$ S/m; $\epsilon_r = 40.085$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.77, 8.11, 7.37) @ 2450 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Right; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2450MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.31 W/kg

2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 50.96 V/m; Power Drift = -0.07 dB
 Peak SAR (extrapolated) = 5.32 W/kg
SAR(1 g) = 2.6 W/kg; SAR(10 g) = 1.19 W/kg
 Maximum value of SAR (measured) = 4.34 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 21.0℃
 Test Date: 04/03/2025
 Band: Bluetooth Dual_Ant.F,H
 Plot No.: v22

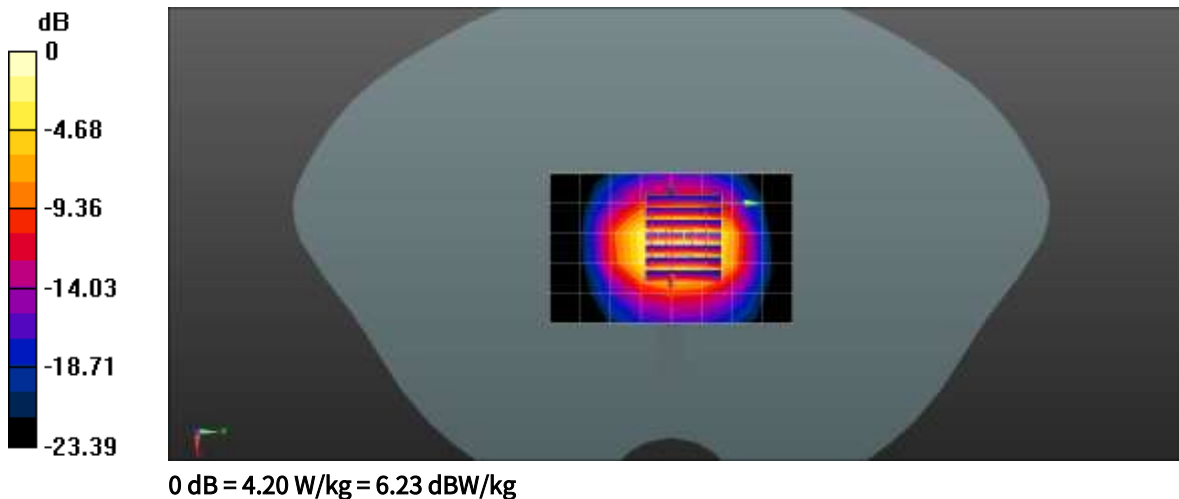
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2450 \text{ MHz}$; $\sigma = 1.794 \text{ S/m}$; $\epsilon_r = 39.935$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.77, 8.11, 7.37) @ 2450 MHz; Calibrated: 2025-01-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Right; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2450MHz Head Verification/Area Scan (6x9x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
 Maximum value of SAR (measured) = 3.17 W/kg

2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 50.92 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 5.15 W/kg
SAR(1 g) = 2.51 W/kg; SAR(10 g) = 1.15 W/kg
 Maximum value of SAR (measured) = 4.20 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 22.8℃
 Test Date: 03/10/2025
 Band: WLAN 2.4 GHz Head
 Plot No.: v23

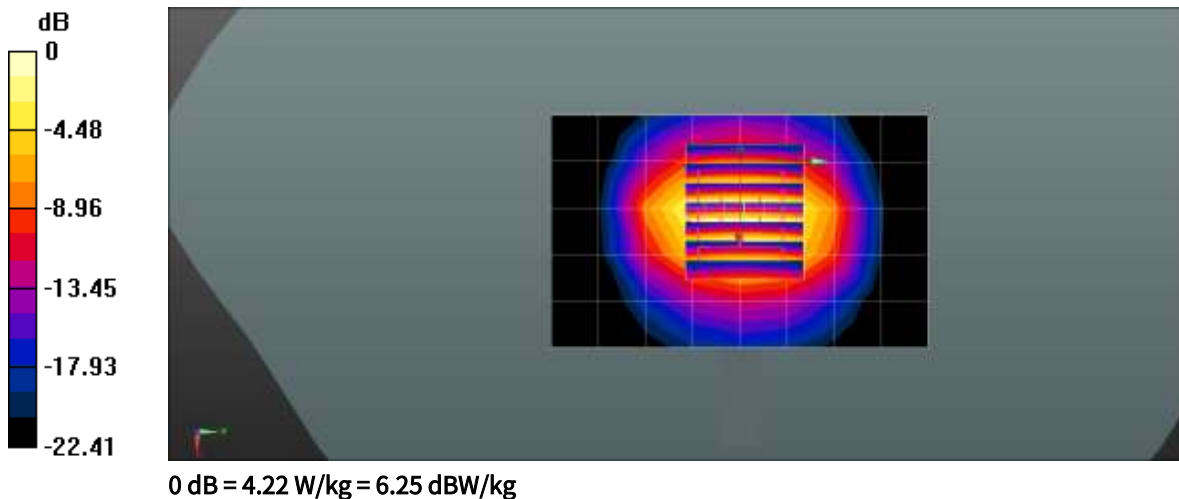
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2450 \text{ MHz}$; $\sigma = 1.766 \text{ S/m}$; $\epsilon_r = 39.453$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.77, 8.11, 7.37) @ 2450 MHz;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Right
- Measurement SW: DASY52, Version 52.10 (4);

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

2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 49.98 V/m; Power Drift = 0.10 dB
 Peak SAR (extrapolated) = 5.14 W/kg
SAR(1 g) = 2.53 W/kg; SAR(10 g) = 1.17 W/kg
 Maximum value of SAR (measured) = 4.22 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 22.2℃
 Test Date: 04/18/2025
 Band: WLAN 2.4 GHz Body
 Plot No.: v24

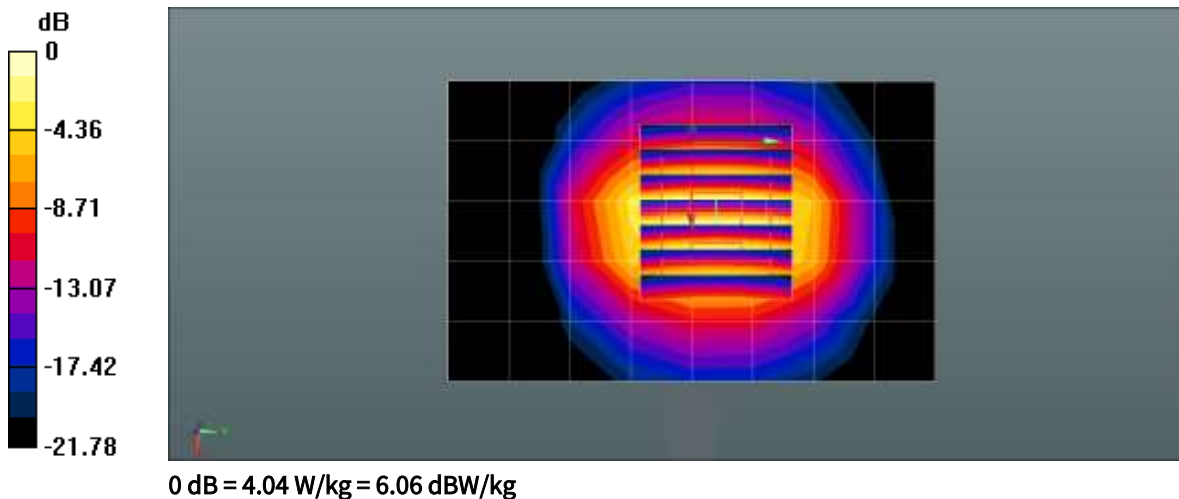
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2450 \text{ MHz}$; $\sigma = 1.849 \text{ S/m}$; $\epsilon_r = 40.075$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.77, 8.11, 7.37) @ 2450 MHz;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2024-06-19
- Phantom: SAM with CRP v5.0_Right
- Measurement SW: DASY52, Version 52.10 (4);

2450MHz Head Verification/Area Scan (6x9x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
 Maximum value of SAR (measured) = 3.13 W/kg

2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 48.23 V/m; Power Drift = 0.01 dB
 Peak SAR (extrapolated) = 4.85 W/kg
SAR(1 g) = 2.45 W/kg; SAR(10 g) = 1.14 W/kg
 Maximum value of SAR (measured) = 4.04 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 21.7°C
 Test Date: 02/27/2025
 Band: LTE Band 7_Ant.B
 Plot No.: v25

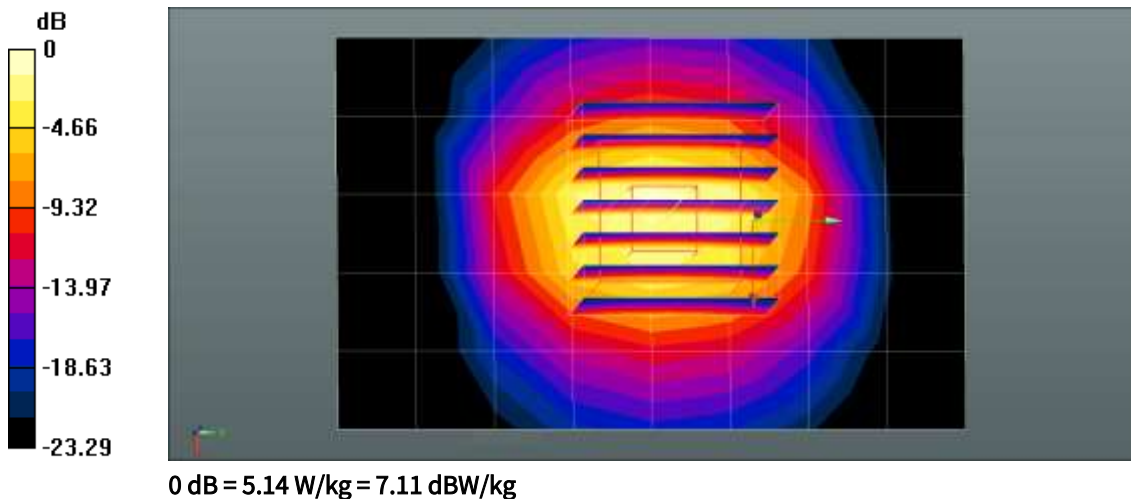
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2600$ MHz; $\sigma = 1.928$ S/m; $\epsilon_r = 38.528$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

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

2600MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 4.28 W/kg

2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 53.66 V/m; Power Drift = 0.11 dB
 Peak SAR (extrapolated) = 6.38 W/kg
SAR(1 g) = 3 W/kg; SAR(10 g) = 1.34 W/kg
 Maximum value of SAR (measured) = 5.14 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 21.6℃
 Test Date: 02/28/2025
 Band: LTE Band 7_Ant.I
 Plot No.: v26

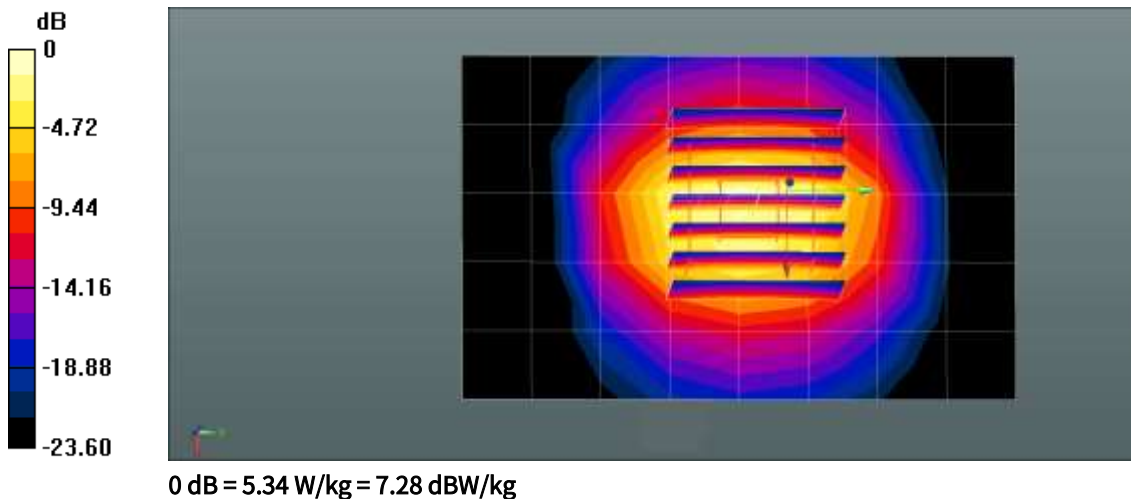
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2600$ MHz; $\sigma = 1.934$ S/m; $\epsilon_r = 38.109$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

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

2600MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 4.45 W/kg

2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 54.51 V/m; Power Drift = 0.10 dB
 Peak SAR (extrapolated) = 6.69 W/kg
SAR(1 g) = 3.08 W/kg; SAR(10 g) = 1.36 W/kg
 Maximum value of SAR (measured) = 5.34 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 22.3℃
 Test Date: 03/03/2025
 Band: LTE Band 41_Ant.B
 Plot No.: v27

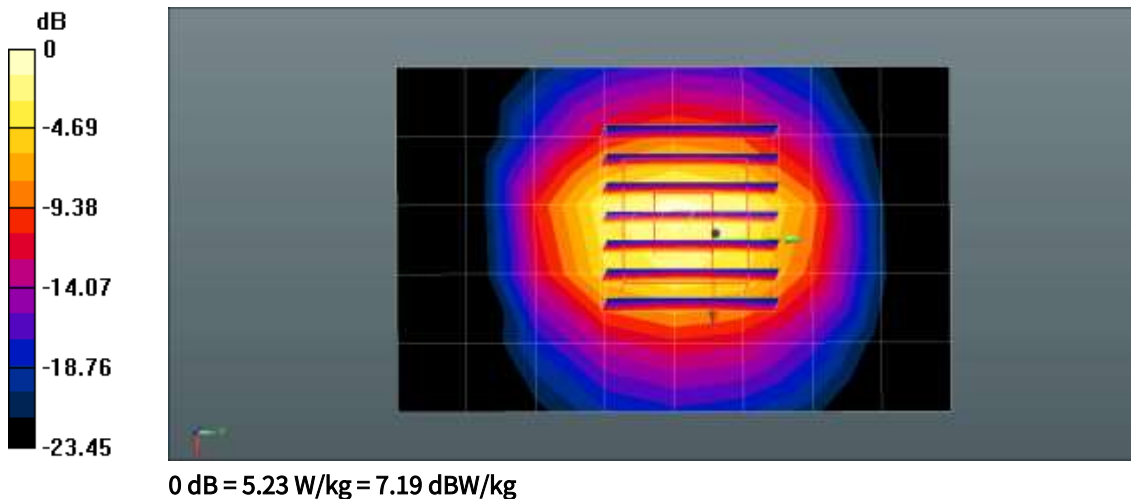
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2600$ MHz; $\sigma = 1.958$ S/m; $\epsilon_r = 38.206$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

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

2600MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 4.37 W/kg

2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 53.84 V/m; Power Drift = 0.07 dB
 Peak SAR (extrapolated) = 6.49 W/kg
SAR(1 g) = 3.06 W/kg; SAR(10 g) = 1.36 W/kg
 Maximum value of SAR (measured) = 5.23 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 23.2℃
 Test Date: 03/06/2025
 Band: LTE Band 41_Ant.I
 Plot No.: v28

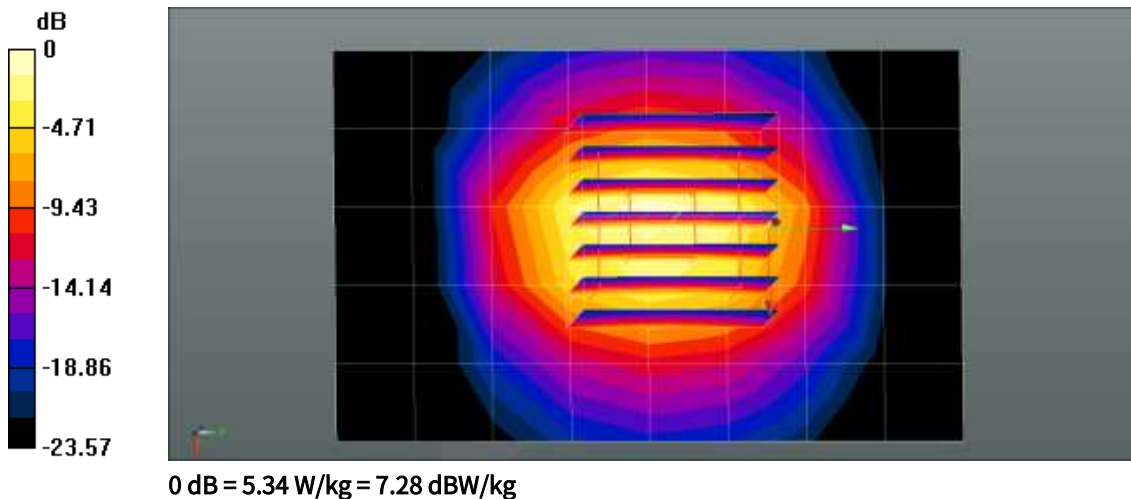
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2600$ MHz; $\sigma = 1.952$ S/m; $\epsilon_r = 38.356$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

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

2600MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 4.50 W/kg

2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 54.30 V/m; Power Drift = 0.11 dB
 Peak SAR (extrapolated) = 6.69 W/kg
SAR(1 g) = 3.1 W/kg; SAR(10 g) = 1.37 W/kg
 Maximum value of SAR (measured) = 5.34 W/kg



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 21.4℃
 Test Date: 03/05/2025
 Band: LTE Band 48_Ant.F
 Plot No.: v29
 Measurement Report for Device, , , CW, Channel 0 (3700.000 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	,		CW, 0--	3700.000, 0	6.63	3.04	36.8

Hardware Setup

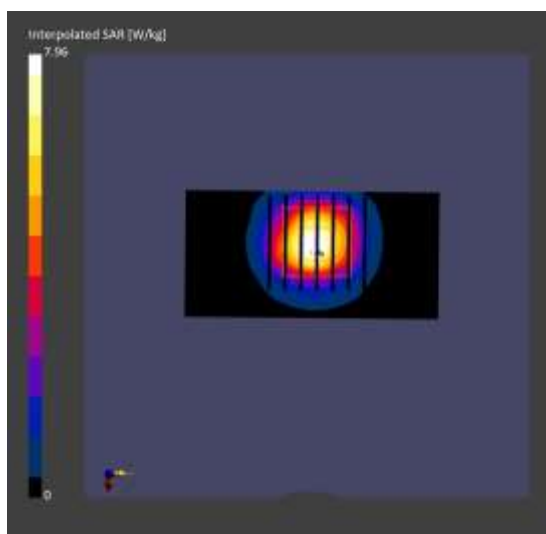
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7309, 2024-06-19	DAE4 Sn1686, 2024-06-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.00	3.32
psSAR10g [W/Kg]	1.19	1.29
Power Drift [dB]	-0.02	-0.00



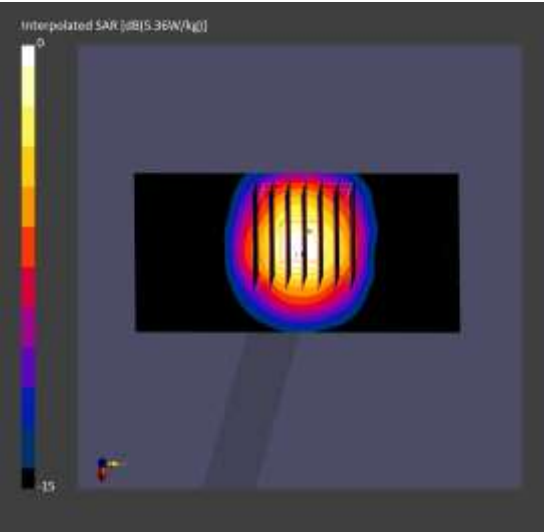
Test Laboratory: HCT CO., LTD
Input Power: 0.05W
Liquid Temperature: 22.0℃
Test Date: 03/24/2025
Band: WLAN 5 GHz UNII 2A Body
Plot No.: v30
Measurement Report for Device, , , CW, Channel 0 (5250.000 MHz)

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	5.54	4.60	36.8

Hardware Setup		
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7309, 2024-06-19	DAE4 Sn1686, 2024-06-19

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]	3.37	3.84
psSAR10g [W/Kg]	1.00	1.14
Power Drift [dB]	0.00	-0.00



Test Laboratory: HCT CO., LTD
Input Power: 0.05W
Liquid Temperature: 22.3℃
Test Date: 03/16/2025
Band: WLAN 5 GHz UNII 2A Head
Plot No.: v31

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	5.54	4.62	36.8

Hardware Setup

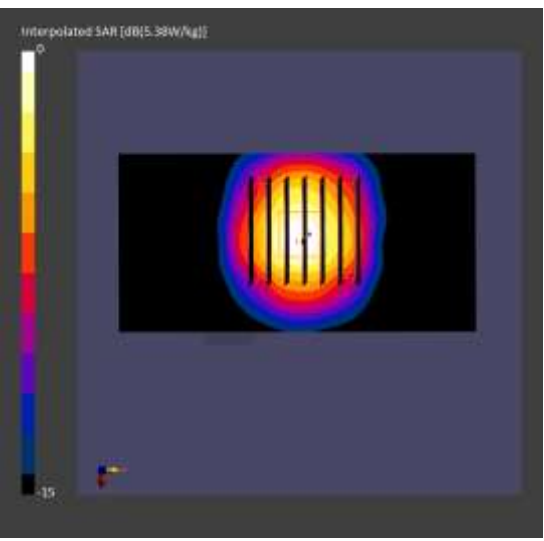
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7309, 2024-06-19	DAE4 Sn1686, 2024-06-19

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]	3.38	3.86
psSAR10g [W/Kg]	1.01	1.14
Power Drift [dB]	0.02	0.03



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 23.3℃
 Test Date: 03/25/2025
 Band: WLAN 5 GHz UNII 2C Body
 Plot No.: v32

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	5.04	4.86	36.7

Hardware Setup

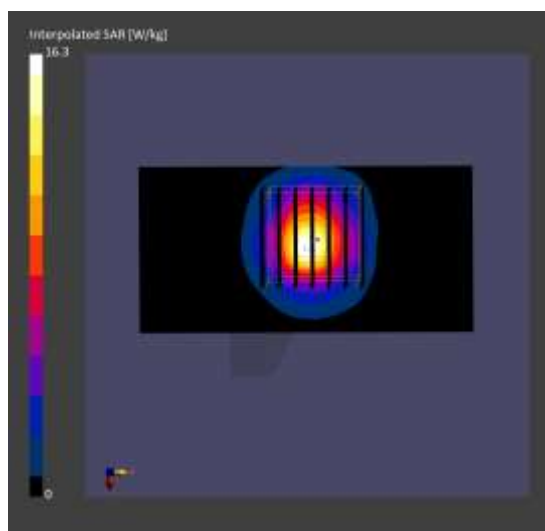
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7309, 2024-06-19	DAE4 Sn1686, 2024-06-19

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.48	4.05
psSAR10g [W/Kg]	1.03	1.18
Power Drift [dB]	-0.02	-0.02



Test Laboratory: HCT CO., LTD
Input Power: 0.05W
Liquid Temperature: 22.2°C
Test Date: 03/17/2025
Band: WLAN 5 GHz UNII 2C Head
Plot No.: v33

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	5.04	4.85	36.9

Hardware Setup

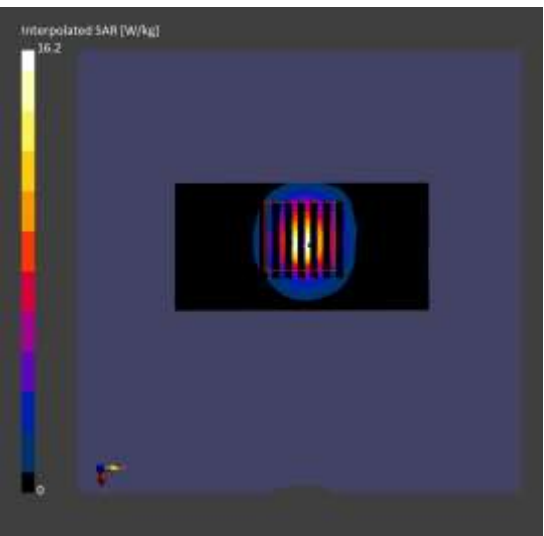
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7309, 2024-06-19	DAE4 Sn1686, 2024-06-19

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]	3.48	4.04
psSAR10g [W/Kg]	1.02	1.18
Power Drift [dB]	-0.04	-0.02



Test Laboratory: HCT CO., LTD
Input Power: 0.05W
Liquid Temperature: 23.1℃
Test Date: 03/26/2025
Band: WLAN 5 GHz UNII 3 Body
Plot No.: v34

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	5.04	5.09	36.4

Hardware Setup

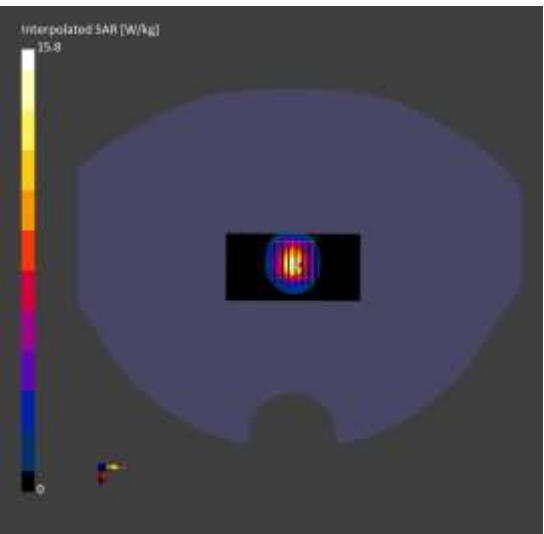
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7309, 2024-06-19	DAE4 Sn1686, 2024-06-19

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]	2.99	3.63
psSAR10g [W/Kg]	0.892	1.04
Power Drift [dB]	-0.02	-0.07



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 22.0℃
 Test Date: 03/19/2025
 Band: WLAN 5 GHz UNII 3 Head
 Plot No.: v35

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	5.04	5.03	36.4

Hardware Setup

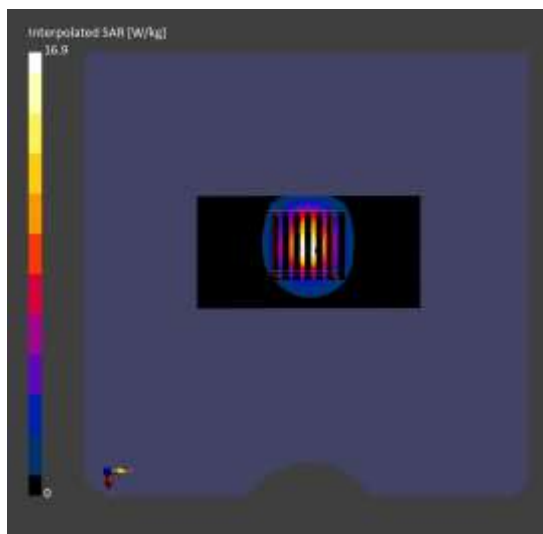
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7309, 2024-06-19	DAE4 Sn1686, 2024-06-19

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]	2.96	3.82
psSAR10g [W/Kg]	0.884	1.09
Power Drift [dB]	0.04	0.18



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 22.8℃
 Test Date: 03/27/2025
 Band: WLAN 5 GHz UNII 4 Body
 Plot No.: v36

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	5.05	5.07	36.1

Hardware Setup

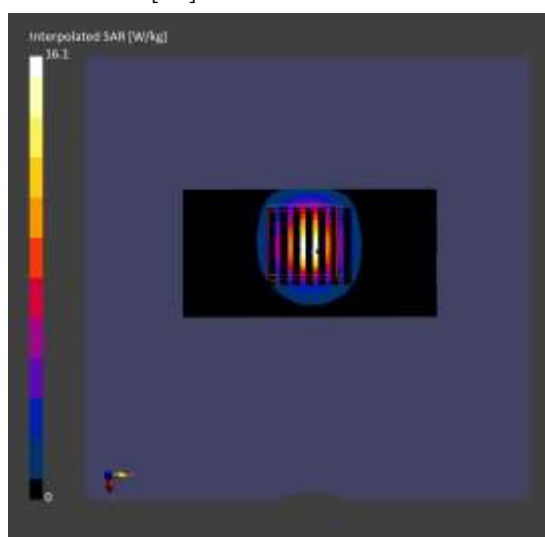
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7309, 2024-06-19	DAE4 Sn1686, 2024-06-19

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
Date	2025-03-19, 01:49	2025-03-19, 01:56
psSAR1g [W/Kg]	3.05	3.66
psSAR10g [W/Kg]	0.912	1.05
Power Drift [dB]	-0.01	-0.07



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 22.2°C
 Test Date: 03/20/2025
 Band: WLAN 5 GHz UNII 4 Head
 Plot No.: v37
 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	5.05	5.25	35.2

Hardware Setup

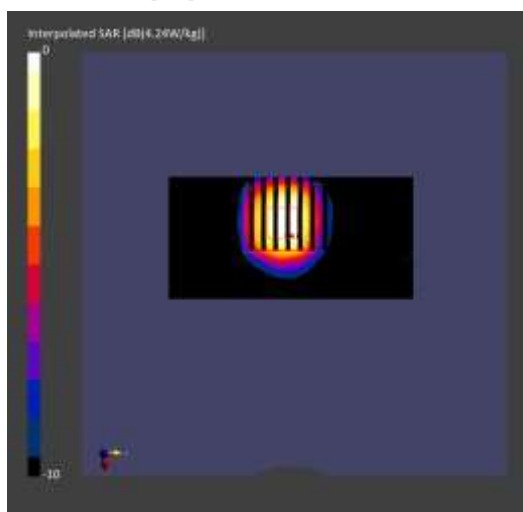
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7309, 2024-06-19	DAE4 Sn1686, 2024-06-19

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]	3.07	4.00
psSAR10g [W/Kg]	0.988	1.12
Power Drift [dB]	-0.01	-0.04



Test Laboratory: HCT CO., LTD
Input Power: 0.05W
Liquid Temperature: 22.0℃
Test Date: 03/31/2025
Band: WLAN 6 GHz Body
Plot No.: v38

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	5.45	6.06	34.2

Hardware Setup

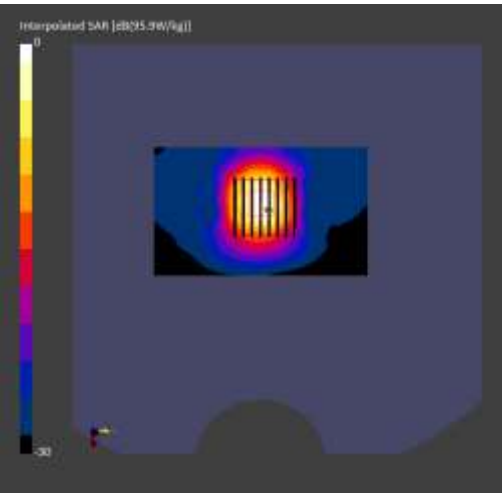
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7680, 2024-05-28	DAE4 Sn1464, 2024-06-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	12.4	16.1
psSAR10g [W/Kg]	2.62	3.02
Power Drift [dB]	-0.01	0.06



Test Laboratory: HCT CO., LTD
Input Power: 0.05W
Liquid Temperature: 22.6℃
Test Date: 03/28/2025
Band: WLAN 6 GHz Head
Plot No.: v39

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	5.45	6.02	34.2

Hardware Setup

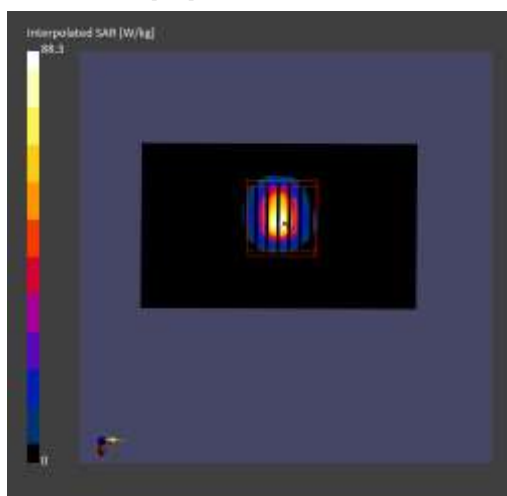
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7680, 2024-05-28	DAE4 Sn1464, 2024-06-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	11.5	14.8
psSAR10g [W/Kg]	2.45	2.80
Power Drift [dB]	-0.05	0.08



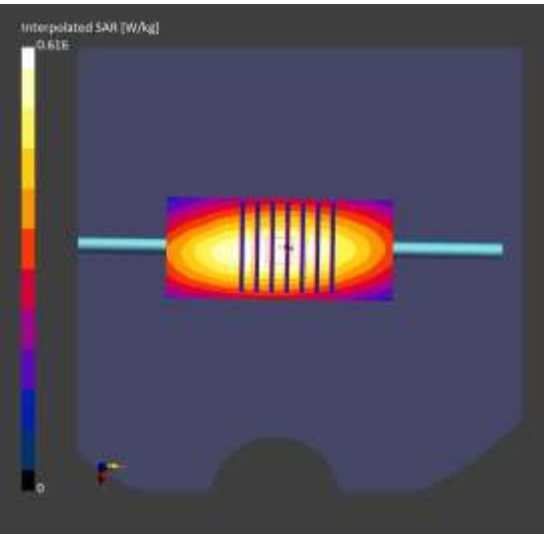
Test Laboratory: HCT CO., LTD
Input Power: 0.05W
Liquid Temperature: 20.5℃
Test Date: 03/03/2025
Band: NR Band n12_Ant.A
Plot No.: V40
Measurement Report for Device, , , CW, Channel 0 (750.000 MHz)

Exposure Conditions							
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	,		CW, 0--	750.000, 0	9.32	0.922	41.3

Hardware Setup		
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1750, 2024-09-13

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]	0.419	0.421
psSAR10g [W/Kg]	0.279	0.283
Power Drift [dB]	0.01	-0.00



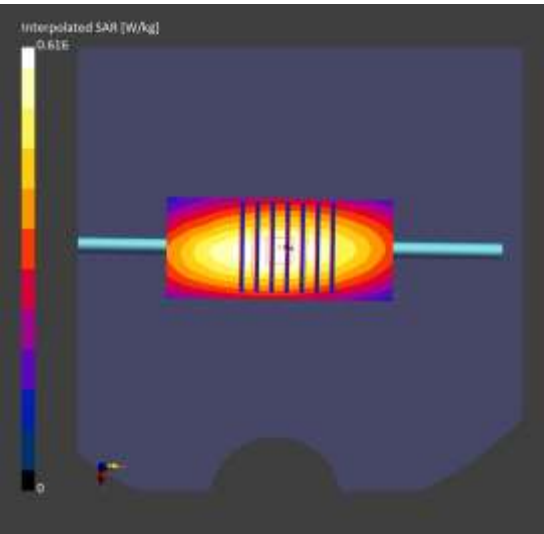
Test Laboratory: HCT CO., LTD
Input Power: 0.05W
Liquid Temperature: 22.0℃
Test Date: 03/13/2025
Band: NR Band n71_Ant.A
Plot No.: V41
Measurement Report for Device, , , CW, Channel 0 (750.000 MHz)

Exposure Conditions							
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	,		CW, 0--	750.000, 0	9.32	0.920	41.3

Hardware Setup		
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1750, 2024-09-13

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]	0.418	0.420
psSAR10g [W/Kg]	0.280	0.283
Power Drift [dB]	-0.00	0.01



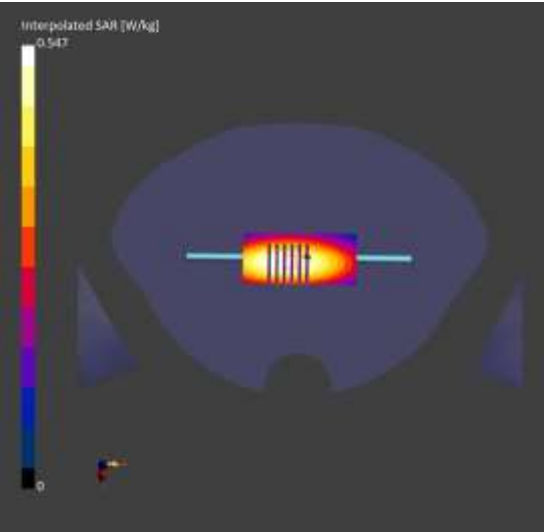
Test Laboratory: HCT CO., LTD
Input Power: 0.05W
Liquid Temperature: 20.7℃
Test Date: 03/06/2025
Band: NR Band n14_Ant.A
Plot No.: V42
Measurement Report for Device, , , CW, Channel 0 (750.000 MHz)

Exposure Conditions							
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	,		CW, 0--	750.000, 0	9.32	0.863	41.6

Hardware Setup		
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1750, 2024-09-13

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

Measurement Results		
	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.375	0.383
psSAR10g [W/Kg]	0.252	0.261
Power Drift [dB]	-0.01	-0.02



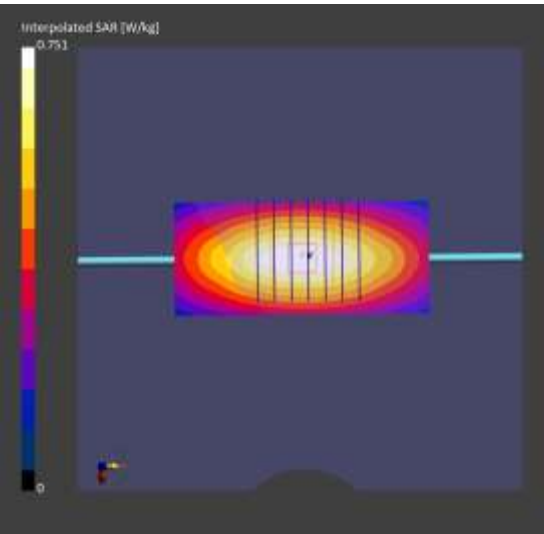
Test Laboratory: HCT CO., LTD
Input Power: 0.05W
Liquid Temperature: 20.4℃
Test Date: 03/07/2025
Band: NR Band n26_Ant.A
Plot No.: V43
Measurement Report for Device, , , CW, Channel 0 (835.000 MHz)

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	8.84	0.925	42.5

Hardware Setup		
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN3797, 2025-01-21	DAE4 Sn1750, 2024-09-13

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]	0.515	0.516
psSAR10g [W/Kg]	0.338	0.345
Power Drift [dB]	-0.00	-0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 22.0℃
 Test Date: 03/16/2025
 Band: NR Band n70_Ant.A
 Plot No.: V44
 Measurement Report for Device, , , CW, Channel 0 (1640.000 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--	1640.000, 0	7.49	1.27	41.8

Hardware Setup

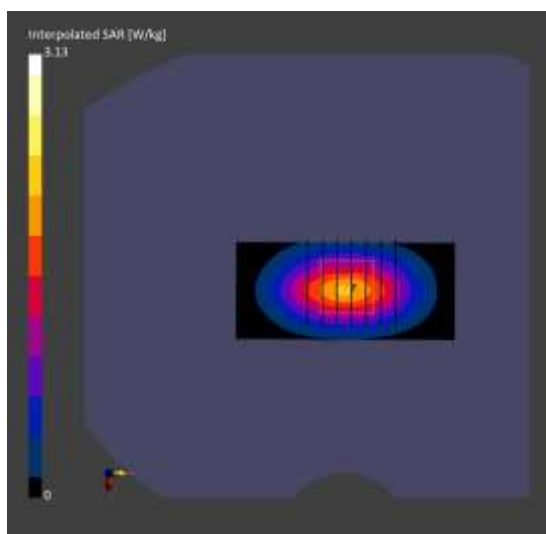
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7907, 2024-12-27	DAE4 Sn504, 2025-01-17

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]	1.74	1.73
psSAR10g [W/Kg]	0.951	0.946
Power Drift [dB]	-0.06	-0.07



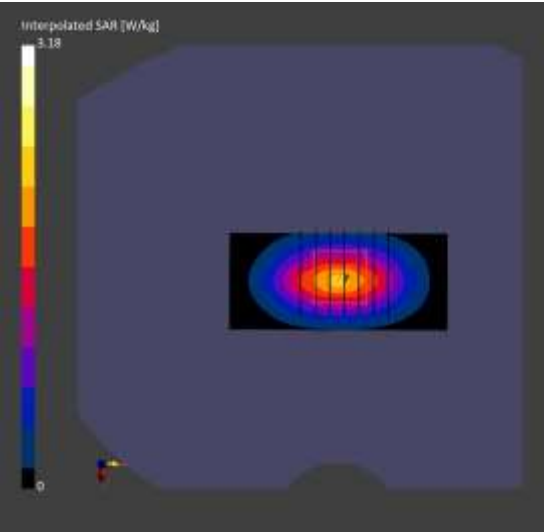
Test Laboratory: HCT CO., LTD
Input Power: 0.05W
Liquid Temperature: 22.1°C
Test Date: 03/17/2025
Band: NR Band n70_Ant.I
Plot No.: V45
Measurement Report for Device, , , CW, Channel 0 (1640.000 MHz)

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--	1640.000, 0	7.49	1.29	40.9

Hardware Setup		
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7907, 2024-12-27	DAE4 Sn504, 2025-01-17

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]	1.78	1.76
psSAR10g [W/Kg]	0.971	0.965
Power Drift [dB]	-0.02	-0.04



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 22.1 °C
 Test Date: 03/13/2025
 Band: NR Band n66_Ant.A
 Plot No.: V46
 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	7.25	1.42	41.4

Hardware Setup

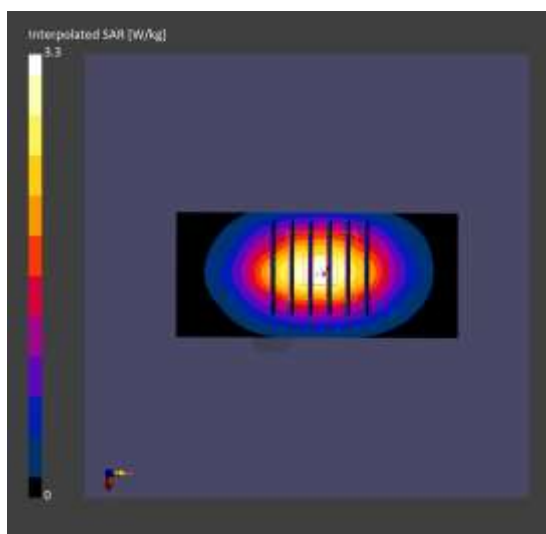
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1686, 2024-06-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	1.93	1.97
psSAR10g [W/Kg]	1.03	1.08
Power Drift [dB]	-0.01	-0.02



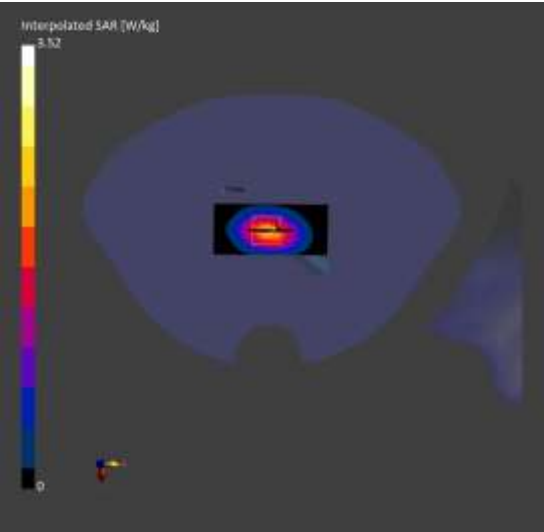
Test Laboratory: HCT CO., LTD
Input Power: 0.05W
Liquid Temperature: 22.1℃
Test Date: 03/12/2025
Band: NR Band n66_Ant.I Head
Plot No.: V47
Measurement Report for Device, , , CW, Channel 0 (1800.000 MHz)

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	7.63	1.43	41.3

Hardware Setup		
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7907, 2024-12-27	DAE4 Sn504, 2025-01-17

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]	1.98	1.95
psSAR10g [W/Kg]	1.05	1.04
Power Drift [dB]	-0.07	-0.13



Test Laboratory: HCT CO., LTD
Input Power: 0.05W
Liquid Temperature: 22.2℃
Test Date: 03/14/2025
Band: NR Band n66_Ant.I Body
Plot No.: V48
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	7.25	1.43	41.3

Hardware Setup

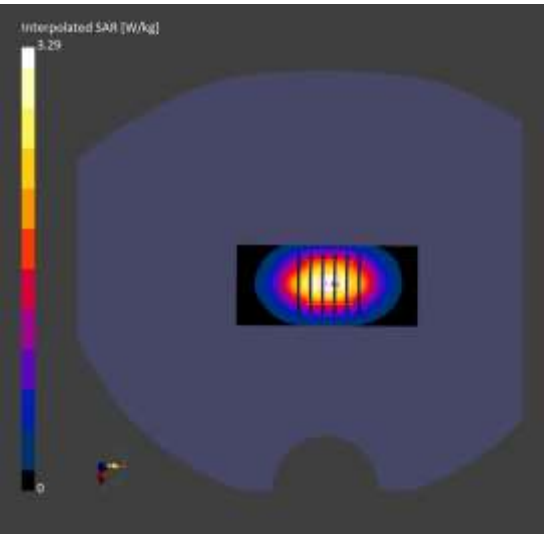
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1686, 2024-06-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	1.94	1.98
psSAR10g [W/Kg]	1.03	1.08
Power Drift [dB]	0.00	-0.03



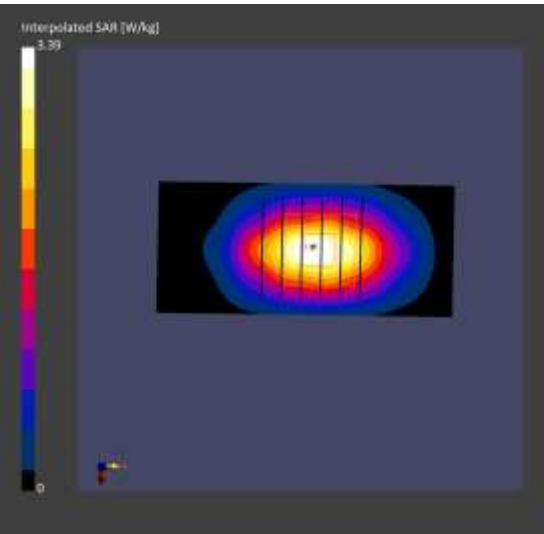
Test Laboratory: HCT CO., LTD
Input Power: 0.05W
Liquid Temperature: 21.2℃
Test Date: 03/04/2025
Band: NR Band n25_Ant.A
Plot No.: V49
Measurement Report for Device, , , CW, Channel 0 (1900.000 MHz)

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	7.1	1.38	39.4

Hardware Setup		
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1686, 2024-06-19

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

Measurement Results		
	Area Scan	Zoom Scan
psSAR1g [W/Kg]	1.96	2.00
psSAR10g [W/Kg]	1.01	1.08
Power Drift [dB]	0.00	-0.01



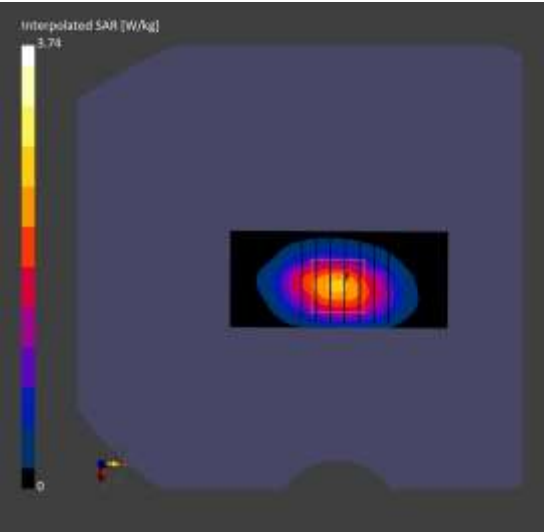
Test Laboratory: HCT CO., LTD
Input Power: 0.05W
Liquid Temperature: 19.4℃
Test Date: 03/06/2025
Band: NR Band n25_Ant.I Head
Plot No.: V50
Measurement Report for Device, , , CW, Channel 0 (1900.000 MHz)

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	7.38	1.40	39.1

Hardware Setup		
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7907, 2024-12-27	DAE4 Sn504, 2025-01-17

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]	2.09	2.05
psSAR10g [W/Kg]	1.10	1.07
Power Drift [dB]	-0.08	-0.08



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 20.4℃
 Test Date: 03/07/2025
 Band: NR Band n25_Ant.I Body
 Plot No.: V51
 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	7.38	1.40	39.1

Hardware Setup

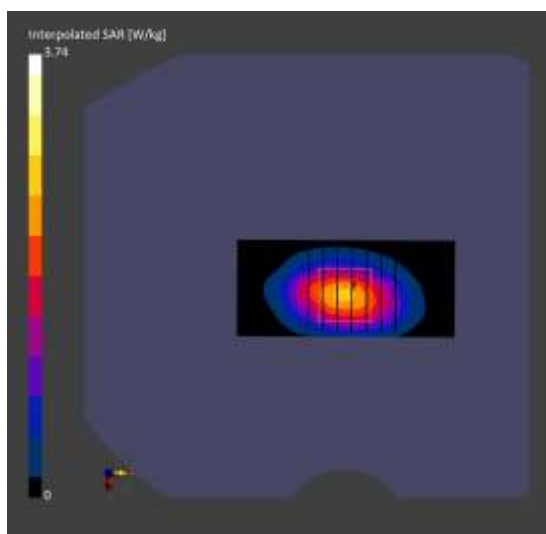
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7907, 2024-12-27	DAE4 Sn504, 2025-01-17

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]	2.09	2.05
psSAR10g [W/Kg]	1.10	1.07
Power Drift [dB]	-0.08	-0.08



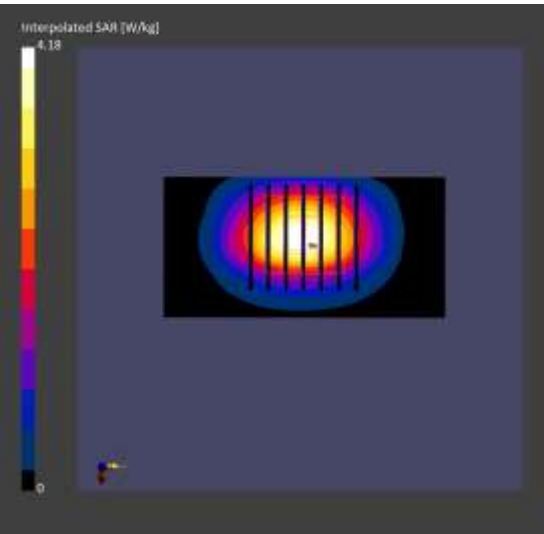
Test Laboratory: HCT CO., LTD
Input Power: 0.05W
Liquid Temperature: 21.4℃
Test Date: 03/05/2025
Band: NR Band n30_Ant.B
Plot No.: V52
Measurement Report for Device, , , CW, Channel 0 (2300.000 MHz)

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	1.70	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 Sn1750, 2024-09-13

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]	2.19	2.31
psSAR10g [W/Kg]	1.08	1.15
Power Drift [dB]	-0.01	-0.01



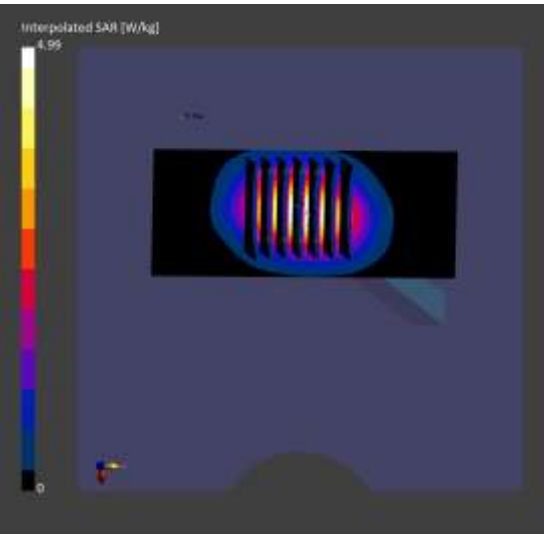
Test Laboratory: HCT CO., LTD
Input Power: 0.05W
Liquid Temperature: 22.2℃
Test Date: 03/11/2025
Band: NR Band n30_Ant.I
Plot No.: V53
Measurement Report for Device, , , CW, Channel 0 (2300.000 MHz)

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	7.12	1.72	39.6

Hardware Setup		
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7907, 2024-12-27	DAE4 Sn504, 2025-01-17

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]	2.49	2.49
psSAR10g [W/Kg]	1.18	1.19
Power Drift [dB]	-0.04	-0.08



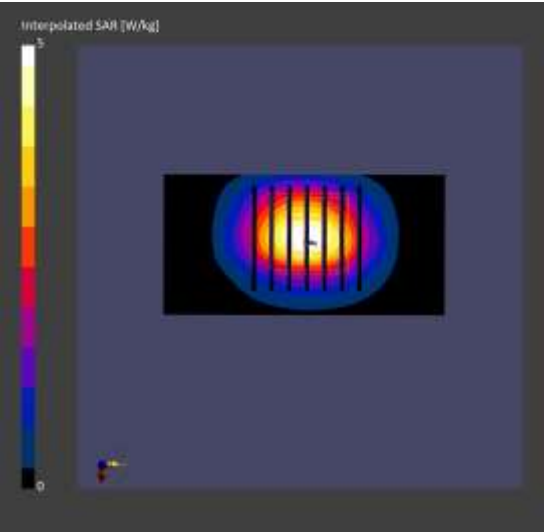
Test Laboratory: HCT CO., LTD
Input Power: 0.05W
Liquid Temperature: 22.2℃
Test Date: 03/11/2025
Band: NR Band n7_Ant.B
Plot No.: V54
Measurement Report for Device, , , CW, Channel 0 (2600.000 MHz)

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	2.01	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 Sn1750, 2024-09-13

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	2.62
psSAR10g [W/Kg]	1.15	1.23
Power Drift [dB]	0.01	-0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 21.1°C
 Test Date: 03/10/2025
 Band: NR Band n7_Ant.I
 Plot No.: V55
 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	7.09	1.94	38.4

Hardware Setup

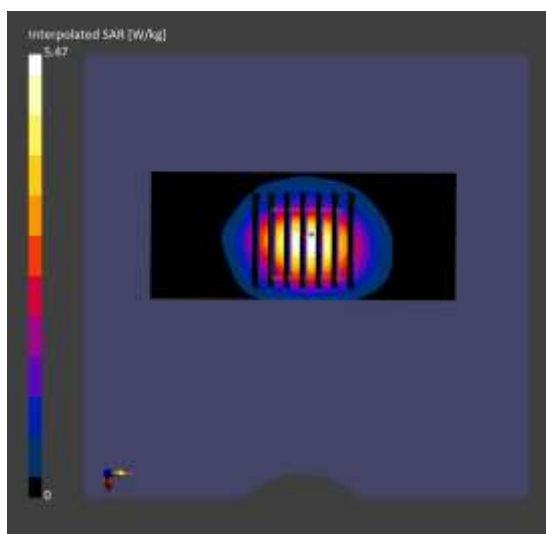
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7907, 2024-12-27	DAE4 Sn504, 2025-01-17

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]	2.72	2.63
psSAR10g [W/Kg]	1.24	1.20
Power Drift [dB]	-0.17	-0.03



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 22.5°C
 Test Date: 04/18/2025
 Band: NR Band n38_Ant.B
 Plot No.: V56
 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	6.55	1.94	38.3

Hardware Setup

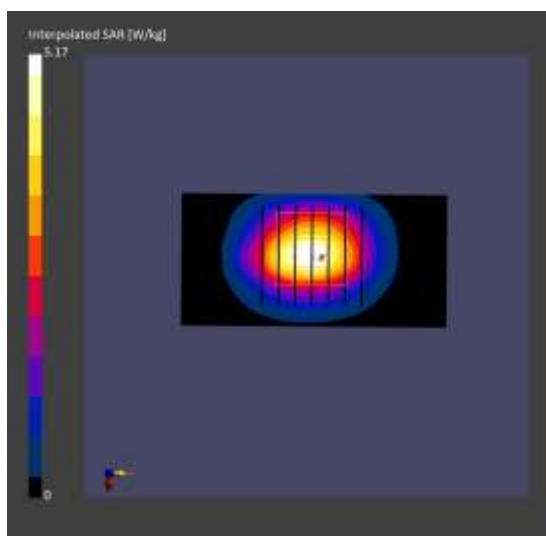
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1686, 2024-06-19

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	2.70
psSAR10g [W/Kg]	1.18	1.26
Power Drift [dB]	-0.00	-0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 22.1°C
 Test Date: 03/18/2025
 Band: NR Band n41_Ant.I
 Plot No.: V57
 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	7.11	1.94	38.2

Hardware Setup

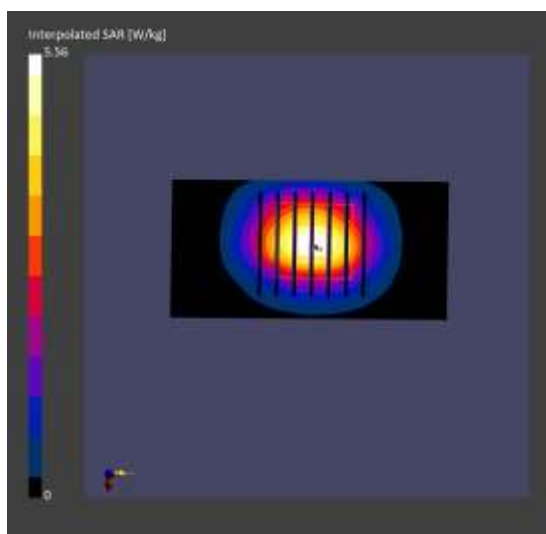
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7655, 2024-05-28	DAE4 Sn1686, 2024-06-19

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]	2.65	2.79
psSAR10g [W/Kg]	1.22	1.30
Power Drift [dB]	-0.07	-0.10



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 22.5℃
 Test Date: 04/01/2025
 Band: NR Band n41_SRS
 Plot No.: V58
 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	6.55	2.01	40.1

Hardware Setup

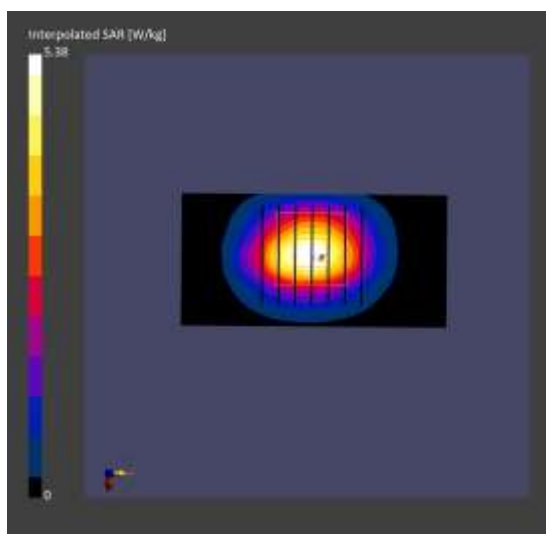
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1686, 2024-06-19

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]	2.66	2.81
psSAR10g [W/Kg]	1.23	1.31
Power Drift [dB]	0.01	-0.11



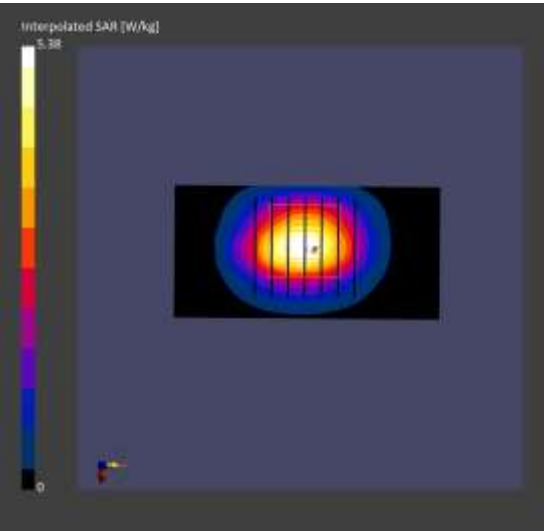
Test Laboratory: HCT CO., LTD
Input Power: 0.05W
Liquid Temperature: 21.4℃
Test Date: 05/02/2025
Band: NR Band n41_Free
Plot No.: V59
Measurement Report for Device, , , CW, Channel 0 (2600.000 MHz)

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	7.11	2.01	38.6

Hardware Setup		
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7655, 2024-05-28	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]	2.69	2.73
psSAR10g [W/Kg]	1.20	1.22
Power Drift [dB]	-0.01	-0.00



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 22.4℃
 Test Date: 03/21/2025
 Band: NR Band n48_Ant.I
 Plot No.: V60
 Measurement Report for Device, , , CW, Channel 0 (3500.000 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	,		CW, 0--	3500.000, 0	6.68	2.94	36.9

Hardware Setup

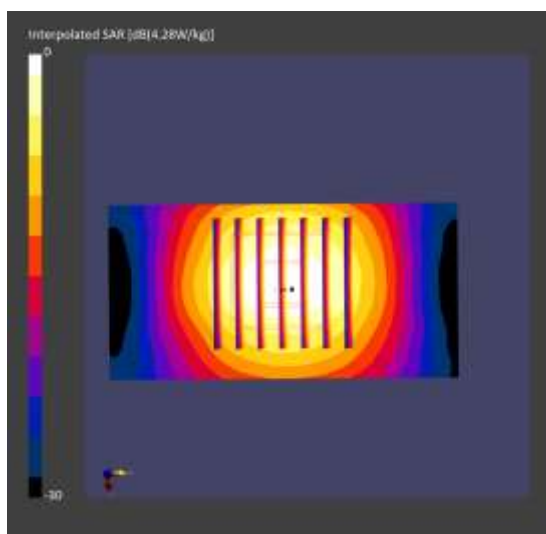
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7309, 2024-06-19	DAE4 Sn1686, 2024-06-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.02	3.24
psSAR10g [W/Kg]	1.17	1.27
Power Drift [dB]	-0.03	0.03



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 22.3℃
 Test Date: 04/09/2025
 Band: NR Band n48_SRS
 Plot No.: V61
 Measurement Report for Device, , , CW, Channel 0 (3500.000 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	,		CW, 0--	3500.000, 0	6.68	2.95	37.1

Hardware Setup

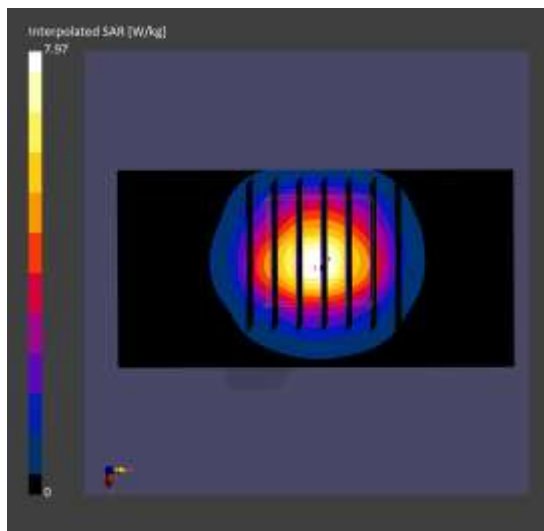
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7309, 2024-06-19	DAE4 Sn1686, 2024-06-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.02	3.34
psSAR10g [W/Kg]	1.17	1.30
Power Drift [dB]	-0.02	-0.04



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 22.0℃
 Test Date: 03/19/2025
 Band: NR Band n77_Ant.F
 Plot No.: V62
 Measurement Report for Device, , , CW, Channel 0 (3500.000 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	,		CW, 0--	3500.000, 0	6.25	2.94	37.0

Hardware Setup

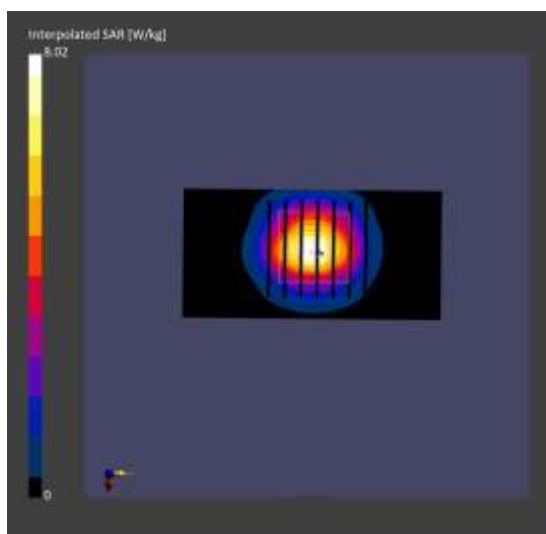
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1686, 2024-06-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.33	3.47
psSAR10g [W/Kg]	1.30	1.38
Power Drift [dB]	-0.09	-0.07



Test Laboratory: HCT CO., LTD
Input Power: 0.05W
Liquid Temperature: 22.7°C
Test Date: 04/14/2025
Band: NR Band n77_SRS
Plot No.: V63
Measurement Report for Device, , , CW, Channel 0 (3500.000 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	,		CW, 0--	3500.000, 0	6.68	2.90	37.3

Hardware Setup

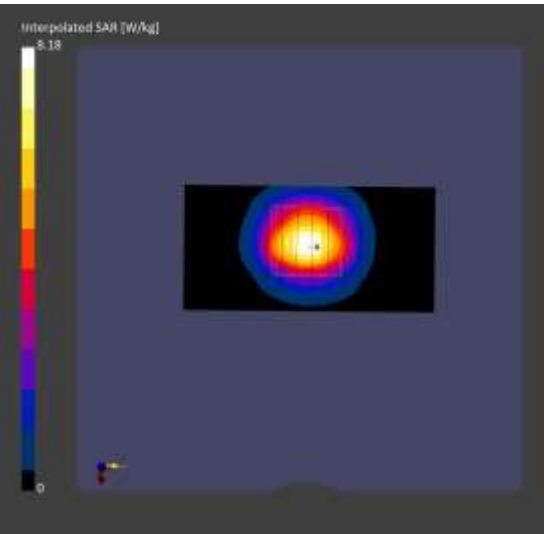
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7309, 2024-06-19	DAE4 Sn1686, 2024-06-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.31	3.54
psSAR10g [W/Kg]	1.30	1.41
Power Drift [dB]	-0.01	0.00



Test Laboratory: HCT CO., LTD
Input Power: 0.05W
Liquid Temperature: 22.0℃
Test Date: 03/19/2025
Band: NR Band n77_Ant.F
Plot No.: V64
Measurement Report for Device, , , CW, Channel 0 (3700.000 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	,		CW, 0--	3700.000, 0	6.22	3.06	36.4

Hardware Setup

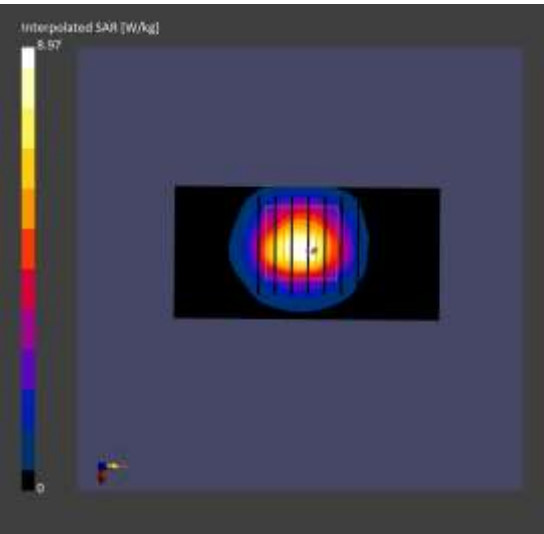
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1686, 2024-06-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.32	3.64
psSAR10g [W/Kg]	1.26	1.38
Power Drift [dB]	0.01	0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 22.7°C
 Test Date: 04/14/2025
 Band: NR Band n77_SRS
 Plot No.: V65
 Measurement Report for Device, , , CW, Channel 0 (3700.000 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	,		CW, 0--	3700.000, 0	6.63	3.05	36.8

Hardware Setup

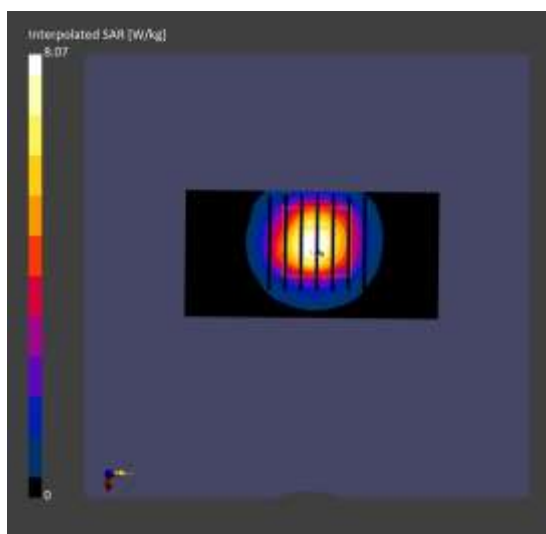
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7309, 2024-06-19	DAE4 Sn1686, 2024-06-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.01	3.34
psSAR10g [W/Kg]	1.19	1.30
Power Drift [dB]	0.01	-0.00



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 22.4℃
 Test Date: 03/21/2025
 Band: NR Band n48_Ant.I
 Plot No.: V66
 Measurement Report for Device, , , CW, Channel 0 (3700.000 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	,		CW, 0--	3700.000, 0	6.63	3.09	36.8

Hardware Setup

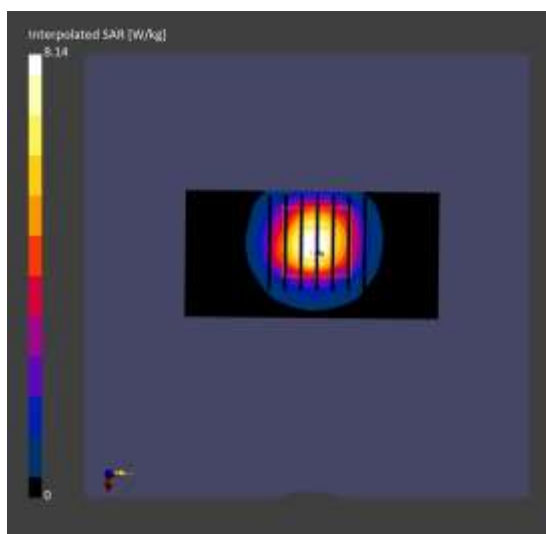
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7309, 2024-06-19	DAE4 Sn1686, 2024-06-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.03	3.37
psSAR10g [W/Kg]	1.20	1.31
Power Drift [dB]	-0.00	0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 22.0℃
 Test Date: 03/19/2025
 Band: NR Band n77_Ant.F
 Plot No.: V67
 Measurement Report for Device, , , CW, Channel 0 (3900.000 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	,		CW, 0--	3900.000, 0	5.87	3.37	36.4

Hardware Setup

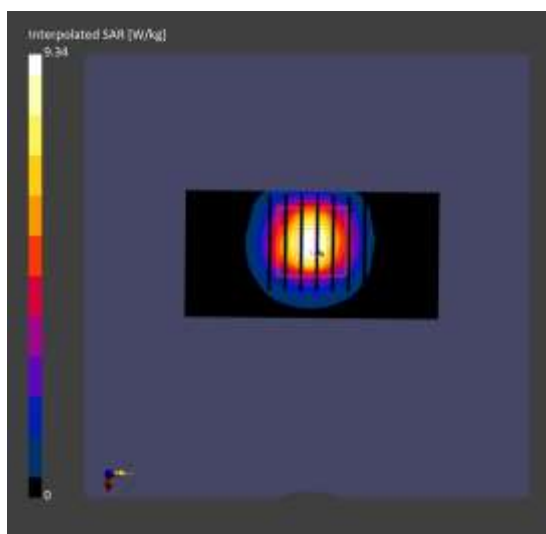
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7370, 2024-08-22	DAE4 Sn1686, 2024-06-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	3.18	3.61
psSAR10g [W/Kg]	1.22	1.33
Power Drift [dB]	-0.00	-0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 22.7°C
 Test Date: 04/14/2025
 Band: NR Band n77_SRS
 Plot No.: V68
 Measurement Report for Device, , , CW, Channel 0 (3900.000 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	,		CW, 0--	3900.000, 0	6.5	3.36	36.4

Hardware Setup

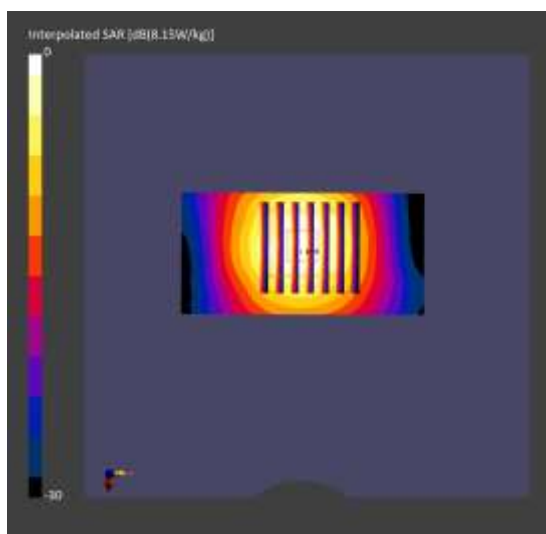
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - xxxx	EX3DV4 - SN7309, 2024-06-19	DAE4 Sn1686, 2024-06-19

Scans Setup

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

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	2.67	3.13
psSAR10g [W/Kg]	1.01	1.18
Power Drift [dB]	-0.05	-0.12



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Test Date: 03/24/2025
 Band: WLAN 6E
 Plot No.: V69

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

Exposure Conditions

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

Hardware Setup

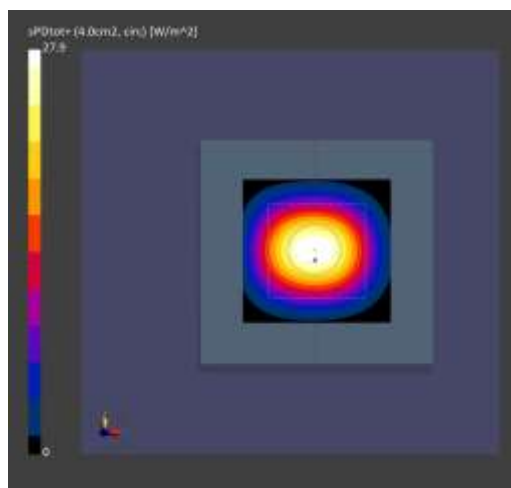
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - xxxx	Air -	EUmmWV4 - SN9528_F1-55GHz, 2024-05-17	DAE4 Sn868, 2024-09-19

Scans Setup

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

Measurement Results

Scan Type	5G Scan
Avg. Area [cm2]	4.00
psPDn+ [W/m2]	27.6
psPDtot+ [W/m2]	27.9
psPDmod+ [W/m2]	28.1
E _{max} [V/m]	108
Power Drift [dB]	0.08



Test Laboratory: HCT CO., LTD
Input Power: 0.05W
Test Date: 03/25/2025
Band: WLAN 6E
Plot No.: V70

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

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

Hardware Setup

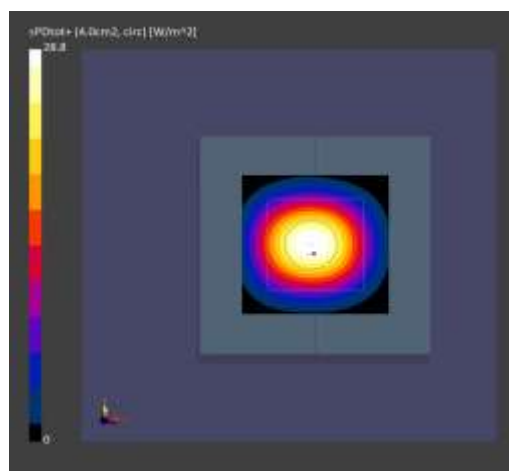
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - xxxx	Air -	EUmmWV4 - SN9528_F1-55GHz, 2024-05-17	DAE4 Sn868, 2024-09-19

Scans Setup

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

Measurement Results

Scan Type	5G Scan
Avg. Area [cm2]	4.00
psPDn+ [W/m2]	28.0
psPDtot+ [W/m2]	28.8
psPDmod+ [W/m2]	29.0
E _{max} [V/m]	109
Power Drift [dB]	0.04



Test Laboratory: HCT CO., LTD
Input Power: 0.05W
Test Date: 03/26/2025
Band: WLAN 6E
Plot No.: V71

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

Exposure Conditions

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

Hardware Setup

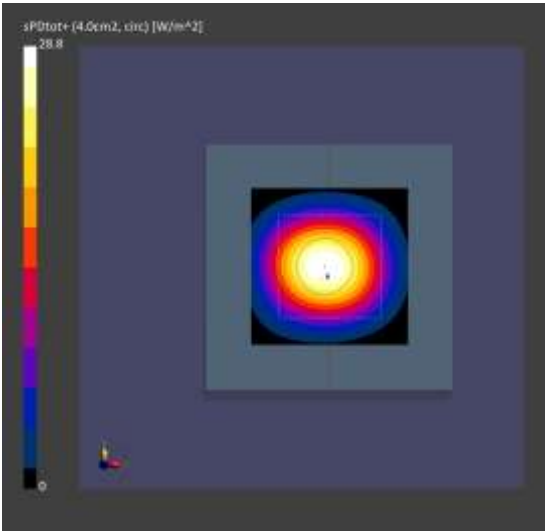
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - xxxx	Air -	EUmmWV4 - SN9528_F1-55GHz, 2024-05-17	DAE4 Sn868, 2024-09-19

Scans Setup

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

Measurement Results

Scan Type	5G Scan
Avg. Area [cm2]	4.00
psPDn+ [W/m2]	27.9
psPDtot+ [W/m2]	28.9
psPDmod+ [W/m2]	29.1
E _{max} [V/m]	110
Power Drift [dB]	-0.04



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Test Date: 03/27/2025
 Band: WLAN 6E
 Plot No.: V72

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

Exposure Conditions

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

Hardware Setup

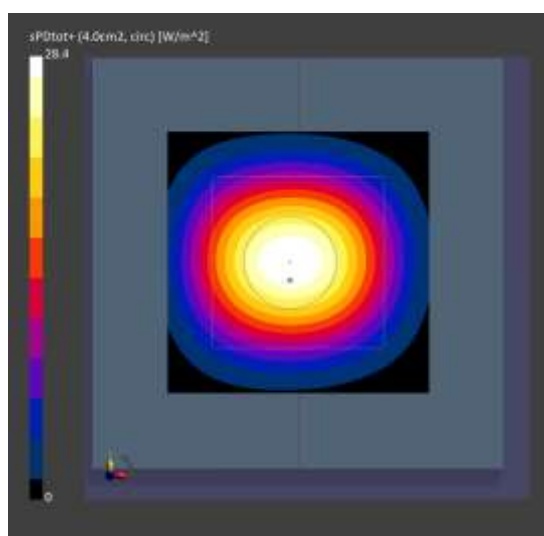
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - xxxx	Air -	EUmmWV4 - SN9528_F1-55GHz, 2024-05-17	DAE4 Sn868, 2024-09-19

Scans Setup

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

Measurement Results

Scan Type	5G Scan
Avg. Area [cm2]	4.00
psPDn+ [W/m2]	28.2
psPDtot+ [W/m2]	28.4
psPDmod+ [W/m2]	28.5
E _{max} [V/m]	109
Power Drift [dB]	0.01



Test Laboratory: HCT CO., LTD
 Input Power: 0.05W
 Liquid Temperature: 22.1°C
 Test Date: 03/13/2025
 Band: NFC
 Plot No.: V73

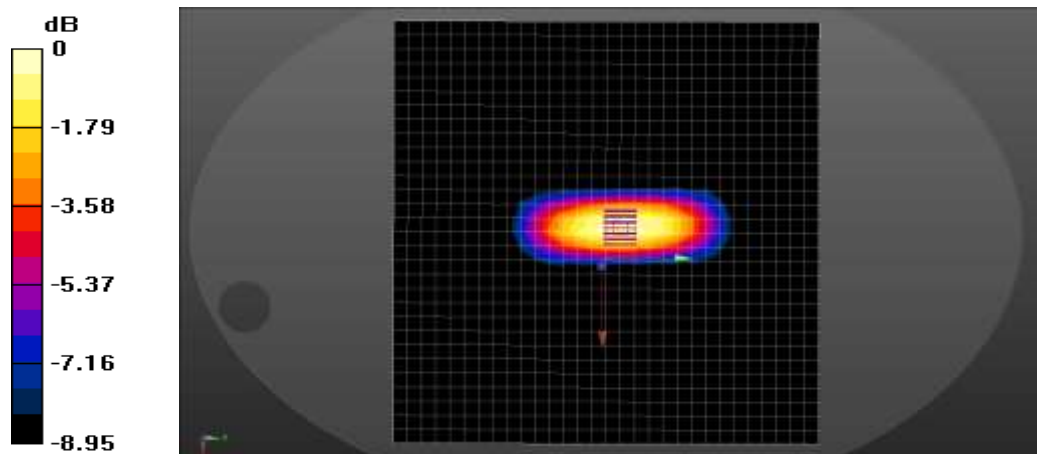
Communication System: UID 0, NFC (0); Frequency: 13 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 13 \text{ MHz}$; $\sigma = 0.726 \text{ S/m}$; $\epsilon_r = 54.675$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

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

13MHz Head Verification/Area Scan (31x31x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
 Maximum value of SAR (measured) = 0.0304 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 = 6.435 V/m; Power Drift = 0.10 dB
 Peak SAR (extrapolated) = 0.0560 W/kg
SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.017 W/kg
 Maximum value of SAR (measured) = 0.0324 W/kg



0 dB = 0.0324 W/kg = -14.89 dBW/kg

Appendix D.– SAR Tissue Characterization

The brain and muscle mixtures consist of a viscous gel using hydrox-ethyl cellulose (HEC) gelling agent and saline solution (see Table 3.1). Preservation with a bactericide is added and visual inspection is made to make sure air bubbles are not trapped during the mixing process. The mixture is calibrated to obtain proper dielectric constant (permittivity) and conductivity of the desired tissue. The mixture characterizations used for the brain and muscle tissue simulating liquids are according to the data by C. Gabriel and G. Harts grove.

Ingredients (% by weight)	Frequency (MHz)									
	750		835		1 900		2 450 – 2 700		3500 - 5 800	
Tissue Type	Head	Body	Head	Body	Head	Body	Head	Body	Head	Body
Water	41.1	51.7	40.45	53.06	54.9	70.17	71.88	73.2	65.52	78.66
Salt (NaCl)	1.4	0.9	1.45	0.94	0.18	0.39	0.16	0.1	0.0	0.0
Sugar	57.0	47.2	57.0	44.9	0.0	0	0.0	0.0	0.0	0.0
HEC	0.2	0	1.0	1.0	0.0	0	0.0	0.0	0.0	0.0
Bactericide	0.2	0.1	0.1	0.1	0.0	0	0.0	0.0	0.0	0.0
Triton X-100	0.0	0.0	0.0	0.0	0.0	0.0	19.97	0.0	17.24	10.67
DGBE	0.0	0.0	0.0	0.0	44.92	29.44	7.99	26.7	0.0	0.0
Diethylene glycol hexyl ether	-	-	-	-	-	-	-	-	-	-

Salt:	99 % Pure Sodium Chloride	Sugar:	98 % Pure Sucrose
Water:	De-ionized, 16M resistivity	HEC:	Hydroxyethyl Cellulose
DGBE:	99 % Di (ethylene glycol) butyl ether, [2-(2-butoxyethoxy) ethanol]		
Triton X-100(ultra-pure):	Polyethylene glycol mono [4-(1,1,3,3-tetramethylbutyl) phenyl] ether		

Composition of the Tissue Equivalent Matter

Appendix E. – SAR System Validation

Per FCC KDB 865664 D02v01r02, SAR system validation status should be document to confirm measurement accuracy. The SAR systems (including SAR probes, system components and software versions) used for this device were validated against its performance specifications prior to the SAR measurements. Reference dipoles were used with the required tissue- equivalent media for system validation, according to the procedures outlined in IEEE 1528-2013 and FCC KDB 865664 D01v01r04. Since SAR probe calibrations are frequency dependent, each probe calibration point was validated at a frequency within the valid frequency range of the probe calibration point, using the system that normally operates with the probe for routine SAR measurements and according to the required tissue-equivalent media.

A tabulated summary of the system validation status including the validation date(s), measurement frequencies, SAR probes and tissue dielectric parameters has been included.

SAR System No.	Probe	Probe Type	Probe Calibration Point		Dipole	Date	Dielectric Parameters		CW Validation			Modulation Validation		
							Measured Permittivity	Measured Conductivity	Sensitivity	Probe Linearity	Probe Isotropy	MOD. Type	Duty Factor	PAR
11	7655	EX3DV4	Head	750	1014	2024-06-11	42.0	0.90	PASS	PASS	PASS	N/A	N/A	N/A
2	3797	EX3DV4	Head	750	1014	2025-01-23	42.0	0.91	PASS	PASS	PASS	N/A	N/A	N/A
1	3768	EX3DV4	Head	835	441	2024-08-21	41.6	0.89	PASS	PASS	PASS	GMSK	PASS	N/A
2	3797	EX3DV4	Head	835	441	2025-01-23	41.6	0.89	PASS	PASS	PASS	N/A	N/A	N/A
11	7655	EX3DV4	Head	835	441	2024-06-11	41.7	0.92	PASS	PASS	PASS	N/A	N/A	N/A
17	7907	EX3DV4	Head	1640	345	2025-01-05	40.1	1.31	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
14	7702	EX3DV4	Head	1750	2d007	2024-04-29	40.2	1.39	PASS	PASS	PASS	N/A	N/A	N/A
6	7370	EX3DV4	Head	1750	2d007	2024-08-23	40.3	1.38	PASS	PASS	PASS	N/A	N/A	N/A
15	7732	EX3DV4	Head	1750	441	2024-07-01	42.1	0.92	PASS	PASS	PASS	N/A	N/A	N/A
1	3768	EX3DV4	Head	1900	5d061	2025-01-31	40.0	1.41	PASS	PASS	PASS	GMSK	PASS	N/A
14	7702	EX3DV4	Head	1900	5d061	2025-01-31	40.0	1.41	PASS	PASS	PASS	GMSK	PASS	N/A
2	3797	EX3DV4	Head	1900	5d061	2025-01-23	40.0	1.41	PASS	PASS	PASS	N/A	N/A	N/A
17	7907	EX3DV4	Head	1900	5d061	2025-01-31	40.0	1.41	PASS	PASS	PASS	N/A	N/A	N/A
6	7370	EX3DV4	Head	1900	5d061	2025-01-31	40.0	1.41	PASS	PASS	PASS	N/A	N/A	N/A
15	7732	EX3DV4	Head	1900	5d061	2024-07-01	40.0	1.41	PASS	PASS	PASS	N/A	N/A	N/A
14	7702	EX3DV4	Head	2300	1010	2025-01-31	39.8	1.66	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
17	7907	EX3DV4	Head	2300	1010	2024-10-01	39.3	1.71	PASS	PASS	PASS	N/A	N/A	N/A
14	7702	EX3DV4	Head	2450	743	2024-03-30	39.3	1.82	PASS	PASS	PASS	OFDM	N/A	PASS
14	7702	EX3DV4	Head	2600	1015	2024-04-29	39.2	1.95	PASS	PASS	PASS	N/A	N/A	N/A
14	7702	EX3DV4	Head	2600	1015	2024-04-29	39.2	1.95	PASS	PASS	PASS	TDD	PASS	N/A
2	3797	EX3DV4	Head	2600	1015	2025-01-23	39.1	1.94	PASS	PASS	PASS	N/A	N/A	N/A
17	7907	EX3DV4	Head	2600	1015	2025-01-05	38.7	1.93	PASS	PASS	PASS	N/A	N/A	N/A
6	7370	EX3DV4	Head	2600	1015	2024-08-23	39.2	1.98	PASS	PASS	PASS	N/A	N/A	N/A
11	7655	EX3DV4	Head	2600	1015	2024-06-11	38.9	1.95	PASS	PASS	PASS	N/A	N/A	N/A
9	7309	EX3DV4	Head	3500	1040	2025-01-24	37.6	2.93	PASS	PASS	PASS	TDD	PASS	N/A
9	7309	EX3DV4	Head	3500	1040	2025-01-24	37.6	2.93	PASS	PASS	PASS	N/A	N/A	N/A
6	7370	EX3DV4	Head	3500	1040	2025-01-27	37.2	2.91	PASS	PASS	PASS	N/A	N/A	N/A
9	7309	EX3DV4	Head	3700	1105	2024-10-03	37.8	3.15	PASS	PASS	PASS	TDD	PASS	N/A
9	7309	EX3DV4	Head	3700	1105	2024-10-03	37.8	3.15	PASS	PASS	PASS	N/A	N/A	N/A
6	7370	EX3DV4	Head	3700	1105	2024-09-28	37.6	3.11	PASS	PASS	PASS	N/A	N/A	N/A
9	7309	EX3DV4	Head	3900	1086	2024-06-30	37.4	3.39	PASS	PASS	PASS	TDD	PASS	N/A
9	7309	EX3DV4	Head	3900	1086	2024-06-30	37.4	3.39	PASS	PASS	PASS	N/A	N/A	N/A
6	7370	EX3DV4	Head	3900	1086	2024-08-23	37.4	3.32	PASS	PASS	PASS	N/A	N/A	N/A
9	7309	EX3DV4	Head	5250	1107	2024-06-30	35.8	4.72	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
9	7309	EX3DV4	Head	5750	1107	2024-06-30	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
12	7680	EX3DV4	Head	6500	1012	2024-09-30	34.7	6.10	PASS	PASS	PASS	OFDM	N/A	PASS

SAR System Validation Summary 1g

SAR System No.	Probe	Probe Type	Probe Calibration Point		Dipole	Date	Dielectric Parameters		CW Validation			Modulation Validation		
							Measured Permittivity	Measured Conductivity	Sensitivity	Probe Linearity	Probe Isotropy	MOD. Type	Duty Factor	PAR
5	3076	ES3DV3	Head	13	1016	2024-11-27	55.2	0.76	PASS	PASS	PASS	N/A	N/A	N/A

SAR System Validation Summary 10g

Note;

All measurement 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.