



REPORT No.: SZ24060253S01

Annex D Plots of Maximum SAR&PD Test Results

DECT_Band 00011_Right Cheek_Ch3

Communication System: UID 0, DECT (0); Frequency: 1924.99 MHz; Duty Cycle: 1:1

Medium: HSL_2000 Medium parameters used: $f = 1924.99$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 40.91$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3295; ConvF(5.11, 5.11, 5.11) @ 1924.99 MHz; Calibrated: 2024.07.17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated 2024.03.17
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch15/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0643 W/kg

Ch15/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.01 dB

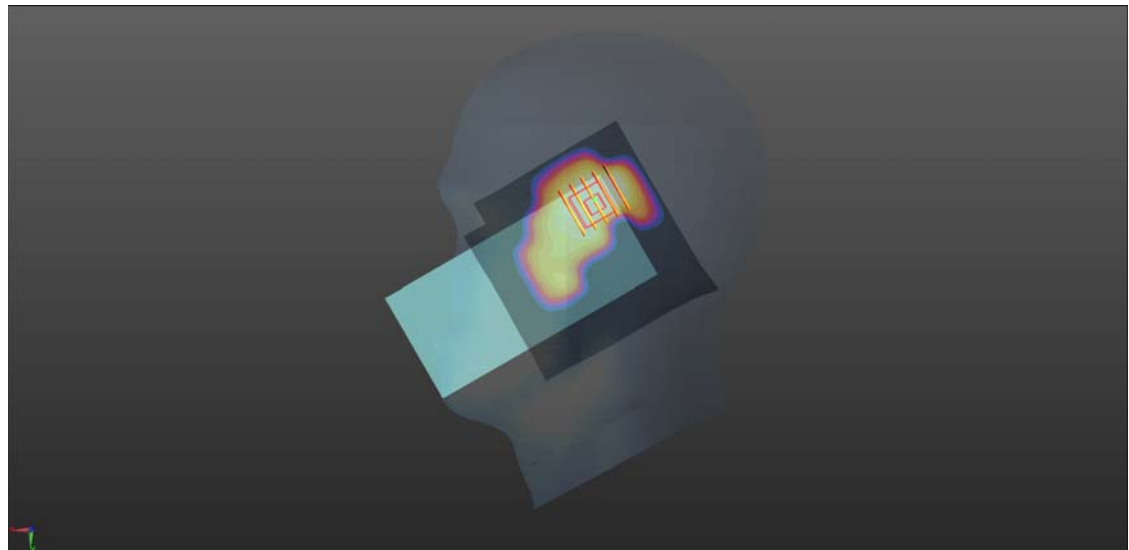
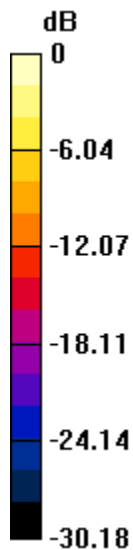
Peak SAR (extrapolated) = 0.0670 W/kg

SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.023 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 61.3%

Maximum value of SAR (measured) = 0.0429 W/kg



0 dB = 0.0429 W/kg

WLAN2.4GHz_802.11b 1Mbps_Left Cheek_Ch1

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1.007
Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.807$ S/m; $\epsilon_r = 40.284$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3295; ConvF(4.75, 4.75, 4.75) @ 2412 MHz; Calibrated: 2024.07.17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated 2024.03.17
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch1/Area Scan (101x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.934 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.770 V/m; Power Drift = 0.02 dB

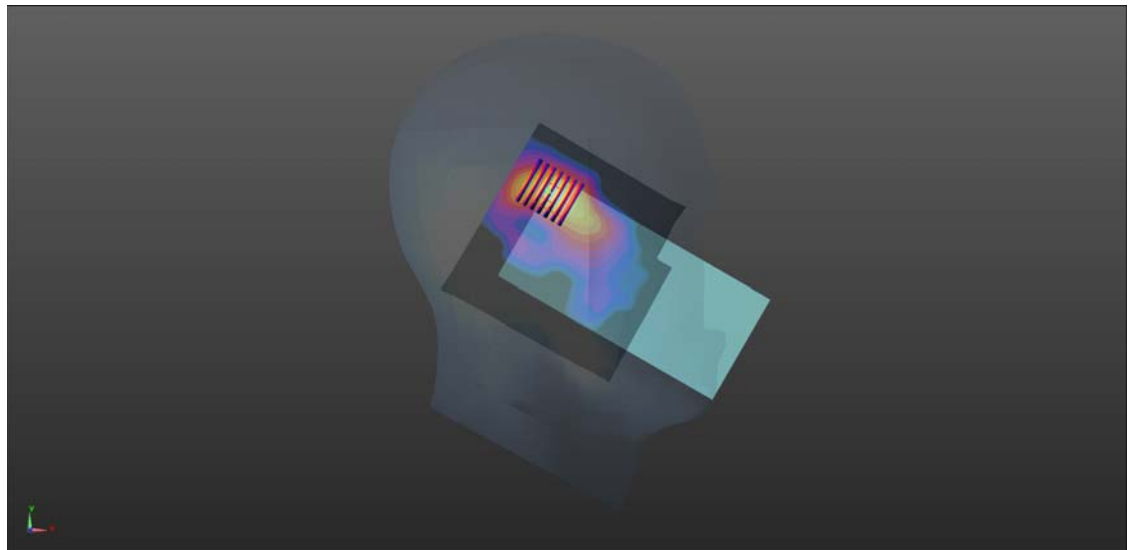
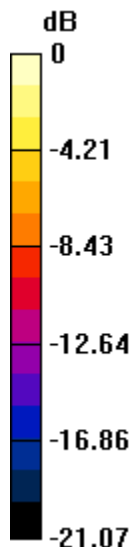
Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 0.780 W/kg; SAR(10 g) = 0.314 W/kg

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 49.5%

Maximum value of SAR (measured) = 0.938 W/kg



0 dB = 0.938 W/kg

WLAN5.2GHz_802.11a 6Mbps_Left Cheek_Ch44

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5220 MHz; Duty Cycle: 1:1.010
Medium: HSL_5250 Medium parameters used: $f = 5220$ MHz; $\sigma = 4.721$ S/m; $\epsilon_r = 36.871$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(5.41, 5.52, 5.17) @ 5220 MHz; Calibrated: 2024.03.21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated 2024.03.17
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch44/Area Scan (121x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.22 W/kg

Ch44/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.315 V/m; Power Drift = 0.08 dB

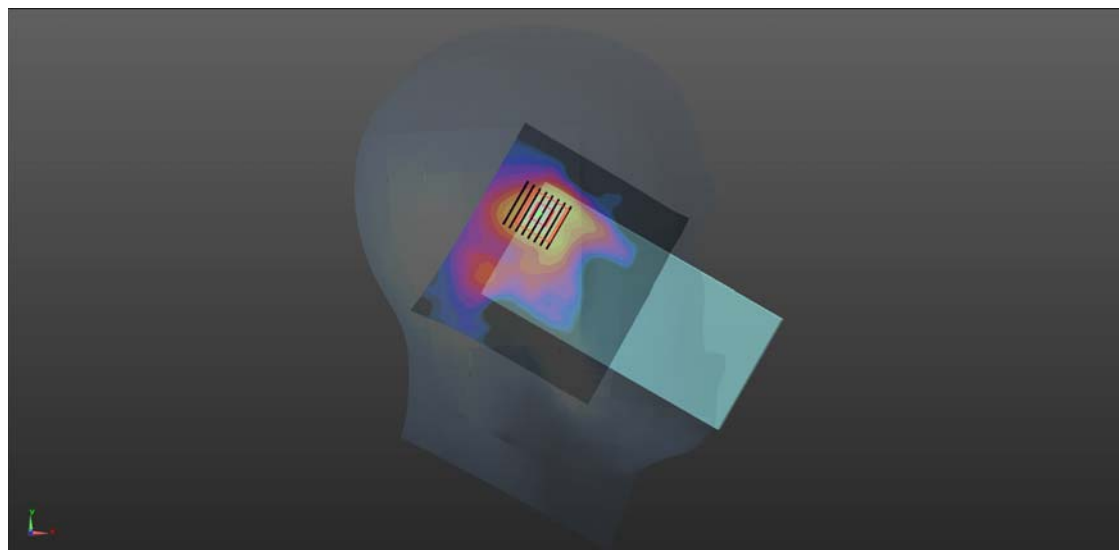
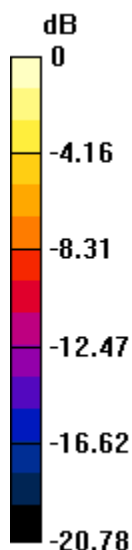
Peak SAR (extrapolated) = 2.39 W/kg

SAR(1 g) = 0.629 W/kg; SAR(10 g) = 0.218 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 56.5%

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



0 dB = 1.27 W/kg

WLAN5.3GHz_802.11a 6Mbps_Left Cheek_Ch52

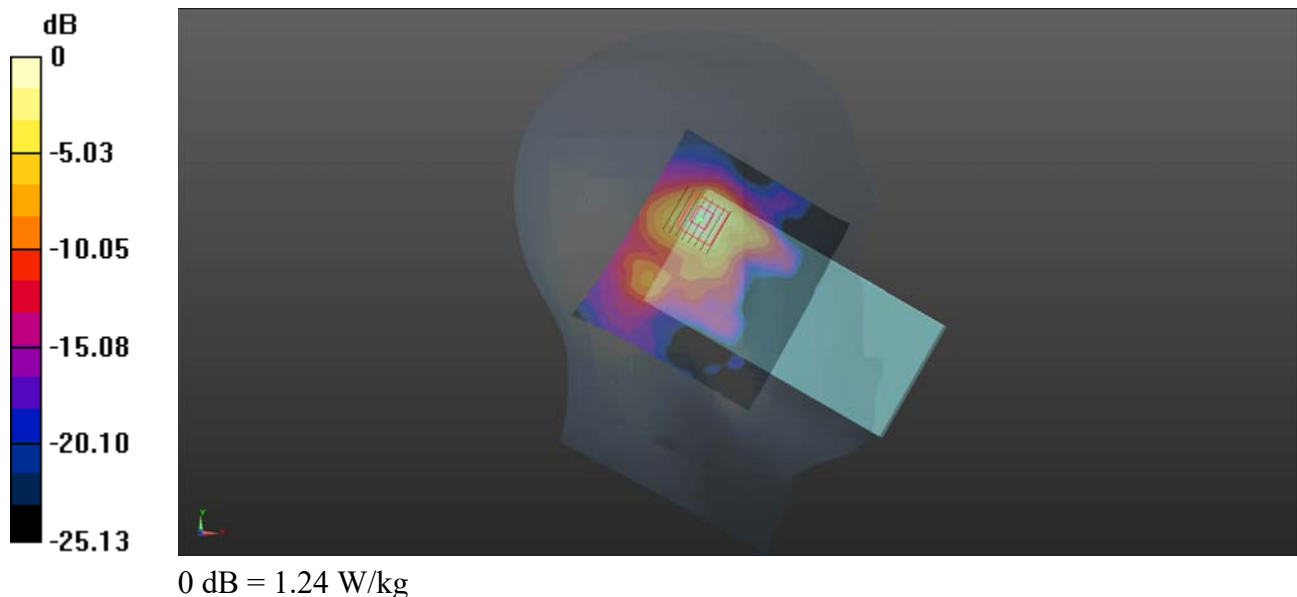
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5260 MHz; Duty Cycle: 1:1.005
Medium: HSL_5250 Medium parameters used: $f = 5260$ MHz; $\sigma = 4.881$ S/m; $\epsilon_r = 36.574$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(5.41, 5.52, 5.17) @ 5260 MHz; Calibrated: 2024.03.21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated 2024.03.17
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch52/Area Scan (121x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.24 W/kg

Ch52/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.424 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 2.32 W/kg
SAR(1 g) = 0.615 W/kg; SAR(10 g) = 0.213 W/kg
Smallest distance from peaks to all points 3 dB below = 8.5 mm
Ratio of SAR at M2 to SAR at M1 = 56%
Maximum value of SAR (measured) = 1.24 W/kg



WLAN5.5GHz_802.11a 6Mbps_Left Cheek_Ch100

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5500 MHz; Duty Cycle: 1:1.005
Medium: HSL_5600 Medium parameters used: $f = 5500$ MHz; $\sigma = 4.973$ S/m; $\epsilon_r = 36.43$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(4.67, 4.8, 4.46) @ 5500 MHz; Calibrated: 2024.03.21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated 2024.03.17
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch100/Area Scan (121x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.998 W/kg

Ch100/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.660 V/m; Power Drift = 0.03 dB

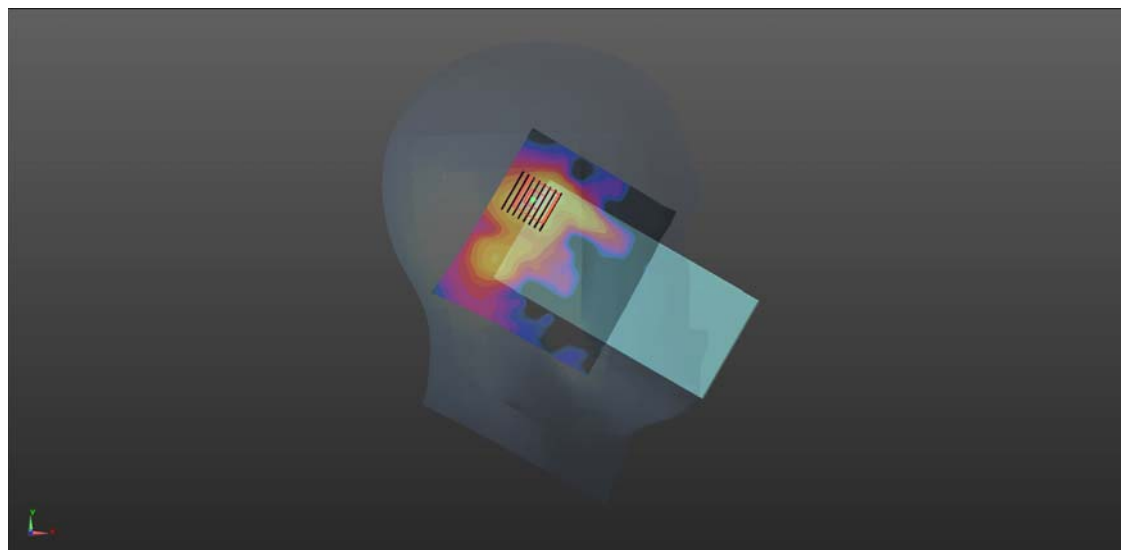
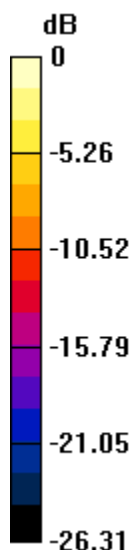
Peak SAR (extrapolated) = 2.18 W/kg

SAR(1 g) = 0.574 W/kg; SAR(10 g) = 0.188 W/kg

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 55.5%

Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg

WLAN5.8GHz_802.11a 6Mbps_Left Cheek_Ch149

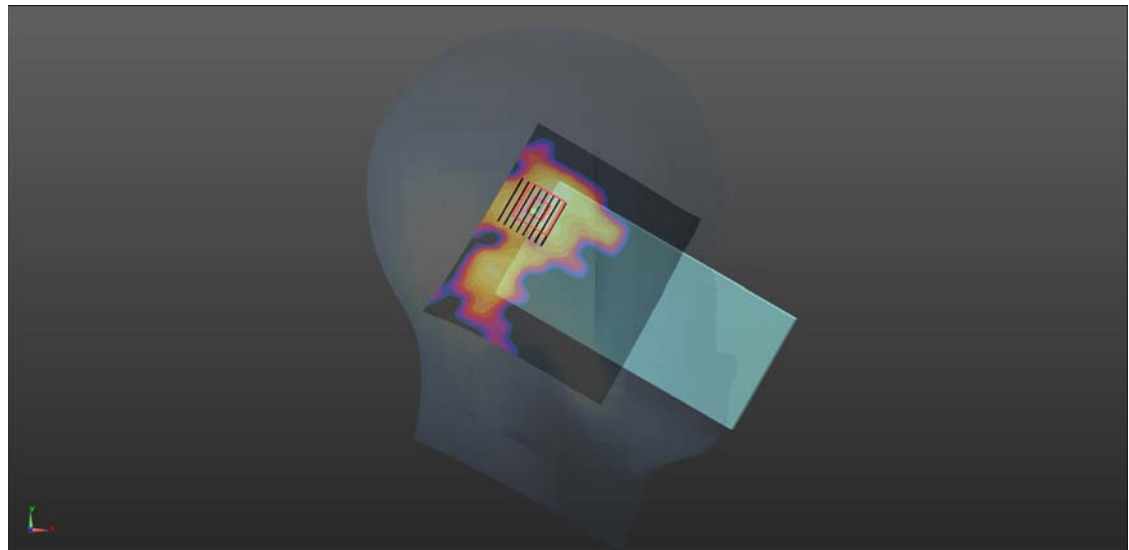
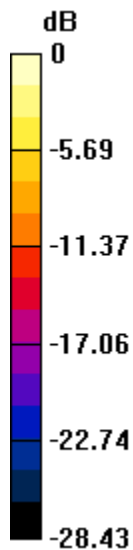
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5745 MHz; Duty Cycle: 1:1.005
Medium: HSL_5750 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.256$ S/m; $\epsilon_r = 35.868$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(4.76, 4.89, 4.54) @ 5745 MHz; Calibrated: 2024.03.21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated 2024.03.17
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch149/Area Scan (121x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.713 W/kg

Ch149/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.726 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.54 W/kg
SAR(1 g) = 0.375 W/kg; SAR(10 g) = 0.126 W/kg
Smallest distance from peaks to all points 3 dB below = 7.3 mm
Ratio of SAR at M2 to SAR at M1 = 52.8%
Maximum value of SAR (measured) = 0.736 W/kg



0 dB = 0.736 W/kg

Bluetooth_DH5_Left Cheek_Ch39

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.082

Medium: HSL_2450 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.832$ S/m; $\epsilon_r = 40.195$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3295; ConvF(4.75, 4.75, 4.75) @ 2441 MHz; Calibrated: 2024.07.17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated 2024.03.17
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch39/Area Scan (101x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0944 W/kg

Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.01 dB

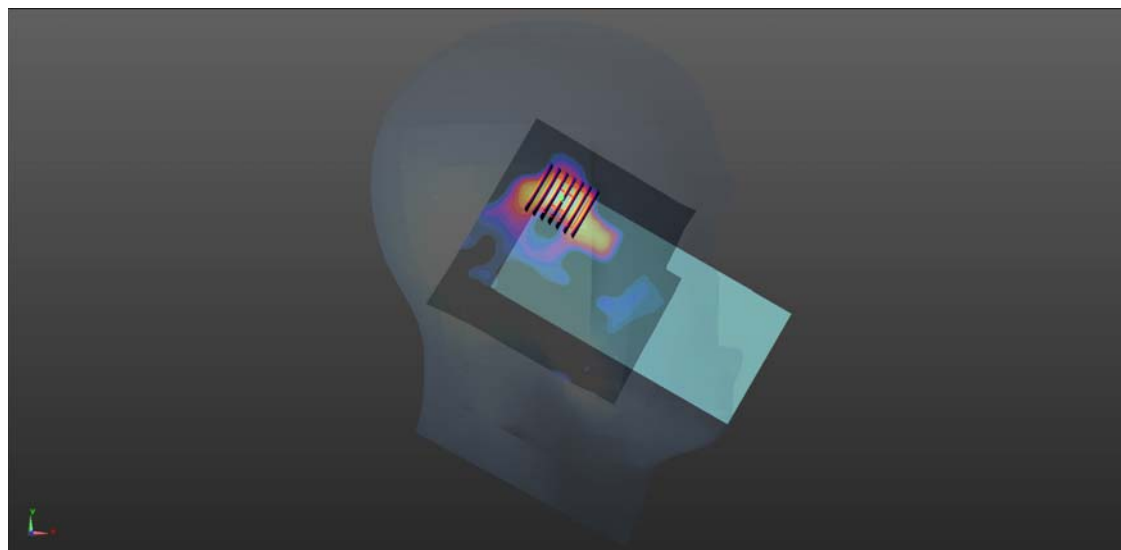
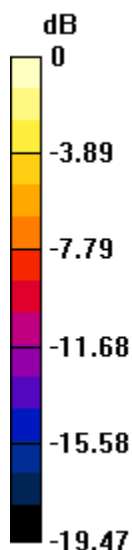
Peak SAR (extrapolated) = 0.148 W/kg

SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.028 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 49.8%

Maximum value of SAR (measured) = 0.0846 W/kg



0 dB = 0.0846 W/kg

Measurement Report for Device, CHEEK, U-NII-5, IEEE 802.11ax (80MHz, MCS0, 90pc duty cycle), Channel 87 (6385.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	154.0 x 72.0 x 20.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead, HSL	CHEEK, 0.00	U-NII-5	WLAN, 10719-AAC	6385.0, 87	5.17	6.08	34.81

Hardware Setup

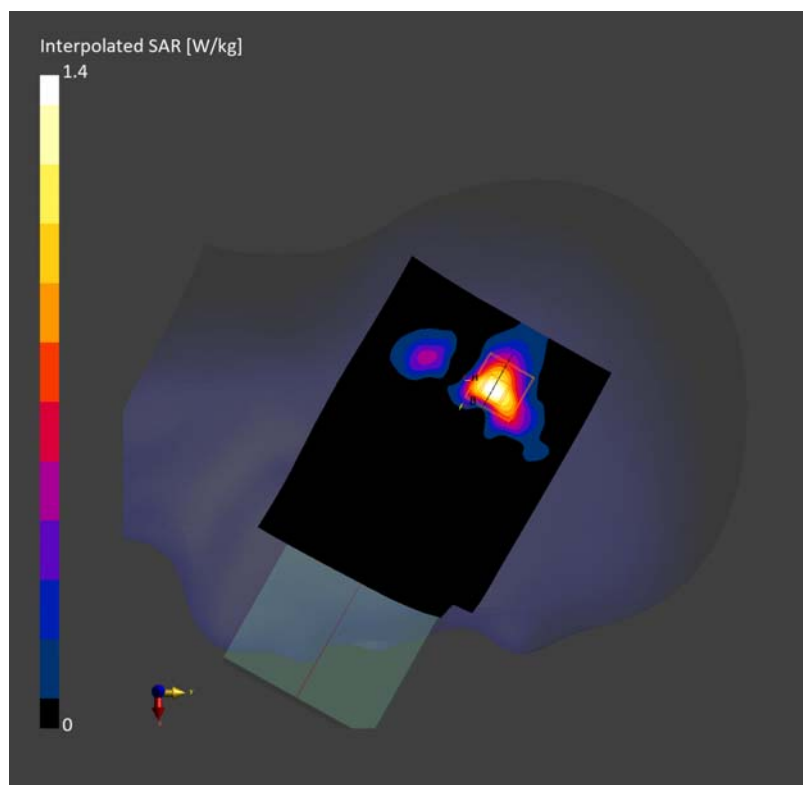
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2020	HBBL-600-10000 Charge:xxxx, --	EX3DV4 – SN7608, 2024-03-21	DAE4 Sn1324, 2024-07-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	102.0 x 136.0	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
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-10-15, 03:17	2024-10-15, 03:38
psSAR1g [W/Kg]	0.278	0.322
psSAR10g [W/Kg]	0.092	0.110
psAPD (1.0cm2, sq) [W/m2]		3.22
psAPD (4.0cm2, sq) [W/m2]		2.49
Power Drift [dB]	-0.04	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		56.5
Dist 3dB Peak [mm]		5.5



Measurement Report for Device, CHEEK, U-NII-6, IEEE 802.11ax (80MHz, MCS0, 90pc duty cycle), Channel 103 (6465.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	154.0 x 72.0 x 20.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead, HSL	CHEEK, 0.00	U-NII-6	WLAN, 10719-AAC	6465.0, 103	5.17	6.11	34.8

Hardware Setup

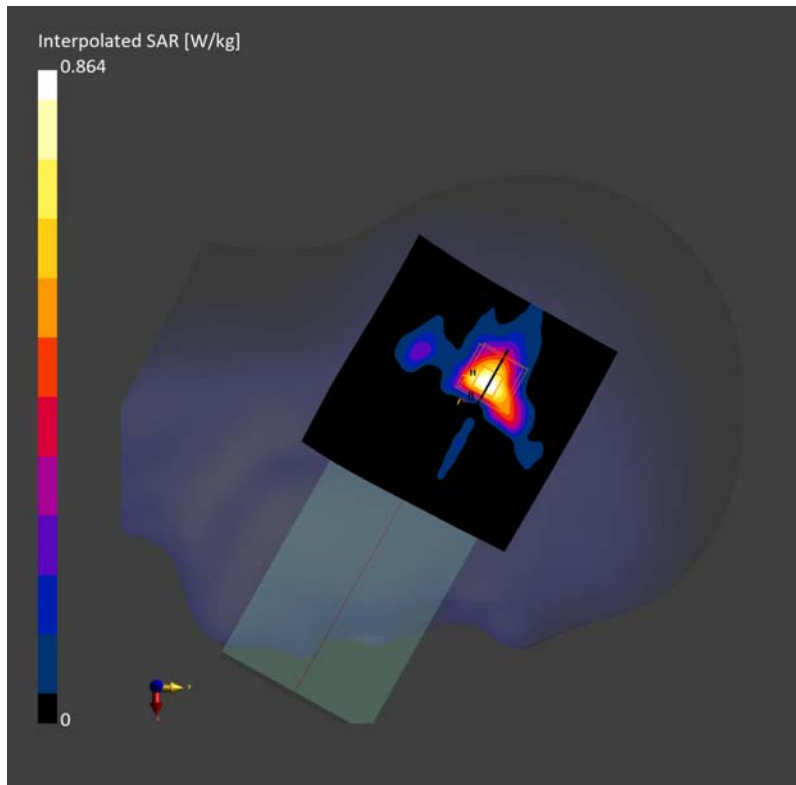
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2020	HBBL-600-10000 Charge:xxxx, --	EX3DV4 – SN7608, 2024-03-21	DAE4 Sn1324, 2024-07-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	102.0 x 102.0	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
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-10-21, 04:41	2024-10-21, 05:02
psSAR1g [W/Kg]	0.229	0.208
psSAR10g [W/Kg]	0.077	0.072
psAPD (1.0cm2, sq) [W/m2]		2.08
psAPD (4.0cm2, sq) [W/m2]		1.64
Power Drift [dB]	-0.18	-0.11
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		63.3
Dist 3dB Peak [mm]		7.6



Measurement Report for Device, CHEEK, U-NII-7, IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle), Channel 143 (6665.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	154.0 x 72.0 x 20.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead, HSL	CHEEK, 0.00	U-NII-7	WLAN, 10743-AAC	6665.0, 143	5.17	6.39	33.6

Hardware Setup

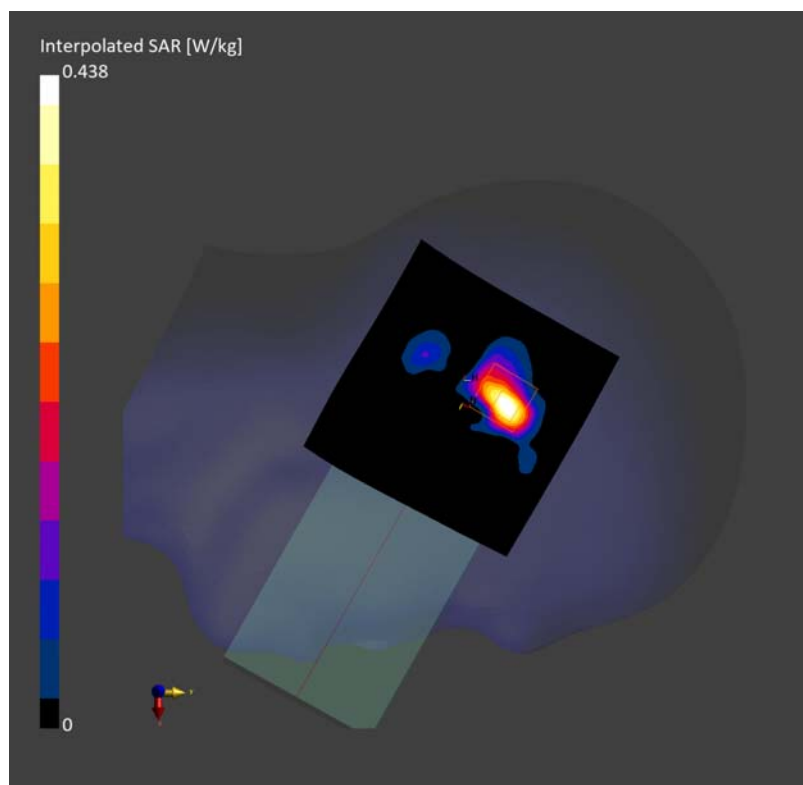
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2020	HBBL-600-10000 Charge:xxxx, --	EX3DV4 – SN7608, 2024-03-21	DAE4 Sn1324, 2024-07-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	102.0 x 102.0	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
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-10-29, 03:28	2024-10-29, 03:48
psSAR1g [W/Kg]	0.318	0.317
psSAR10g [W/Kg]	0.097	0.101
psAPD (1.0cm2, sq) [W/m2]		3.17
psAPD (4.0cm2, sq) [W/m2]		2.3
Power Drift [dB]	0.05	0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		59.8
Dist 3dB Peak [mm]		4.3



Measurement Report for Device, CHEEK, U-NII-8, IEEE 802.11ax (80MHz, MCS0, 90pc duty cycle), Channel 199 (6945.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	154.0 x 72.0 x 20.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead, HSL	CHEEK, 0.00	U-NII-8	WLAN, 10719-AAC	6945.0, 199	5.17	6.69	33.2

Hardware Setup

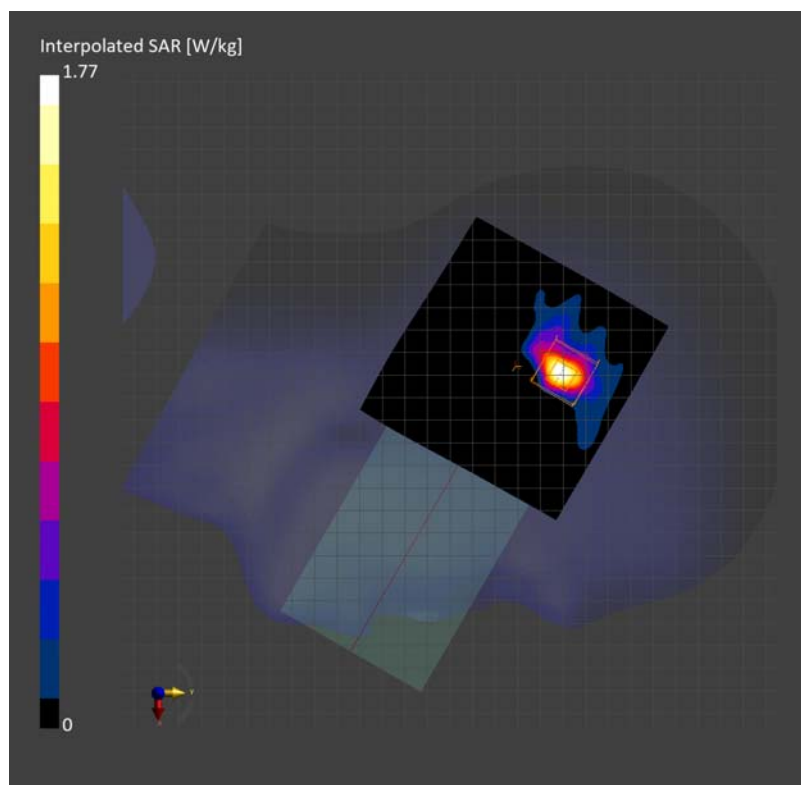
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2020	HBBL-600-10000 Charge:xxxx, --	EX3DV4 – SN7608, 2024-03-21	DAE4 Sn1324, 2024-07-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	102.0 x 102.0	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
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-10-30, 04:58	2024-10-30, 05:18
psSAR1g [W/Kg]	0.392	0.350
psSAR10g [W/Kg]	0.114	0.102
psAPD (1.0cm2, sq) [W/m2]		3.5
psAPD (4.0cm2, sq) [W/m2]		2.35
Power Drift [dB]	0.16	0.14
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		58.8
Dist 3dB Peak [mm]		4.8



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.10.16

DECT_Band 00011_Back Side_10mm_Ch3

Communication System: UID 0, DECT (0); Frequency: 1924.99 MHz; Duty Cycle: 1:1

Medium: HSL_2000 Medium parameters used: $f = 1924.99$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 40.91$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3295; ConvF(5.11, 5.11, 5.11) @ 1924.99 MHz; Calibrated: 2024.07.17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated 2024.03.17
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch15/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0849 W/kg

Ch15/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.01 dB

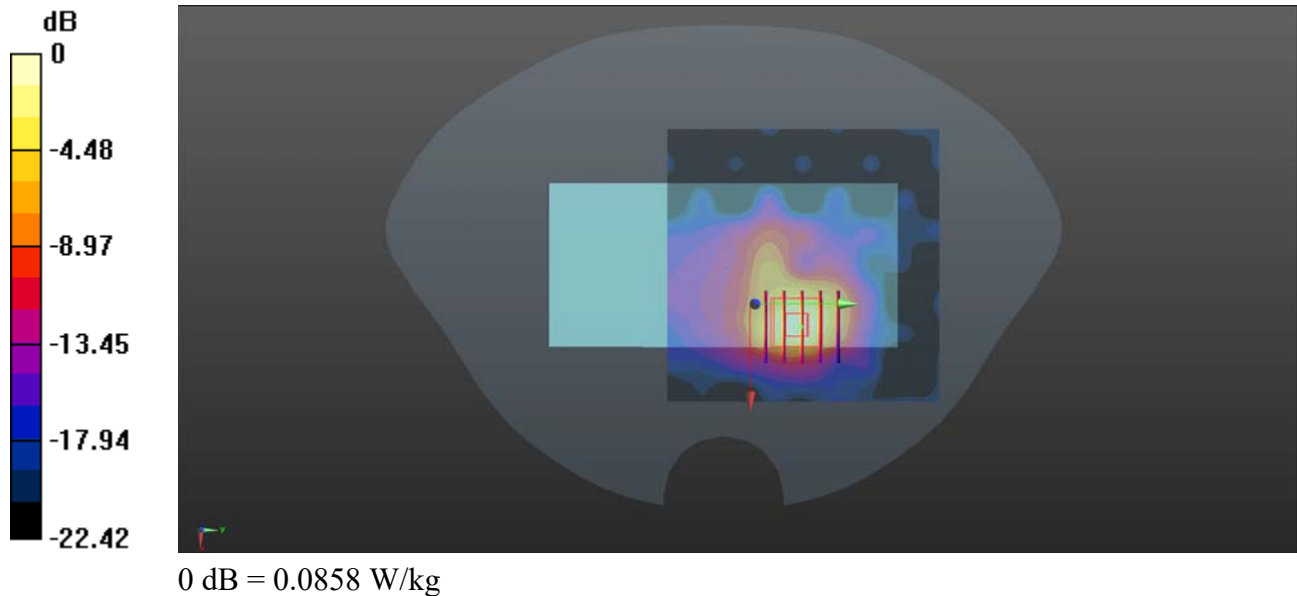
Peak SAR (extrapolated) = 0.110 W/kg

SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.012 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 54.1%

Maximum value of SAR (measured) = 0.0858 W/kg



WLAN2.4GHz_802.11b 1Mbps_Back Side_10mm_Ch11

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2462 MHz; Duty Cycle: 1:1.007
Medium: HSL_2450 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.863$ S/m; $\epsilon_r = 39.535$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3295; ConvF(4.75, 4.75, 4.75) @ 2462 MHz; Calibrated: 2024.07.17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated 2024.03.17
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch11/Area Scan (101x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.457 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.990 V/m; Power Drift = -0.01 dB

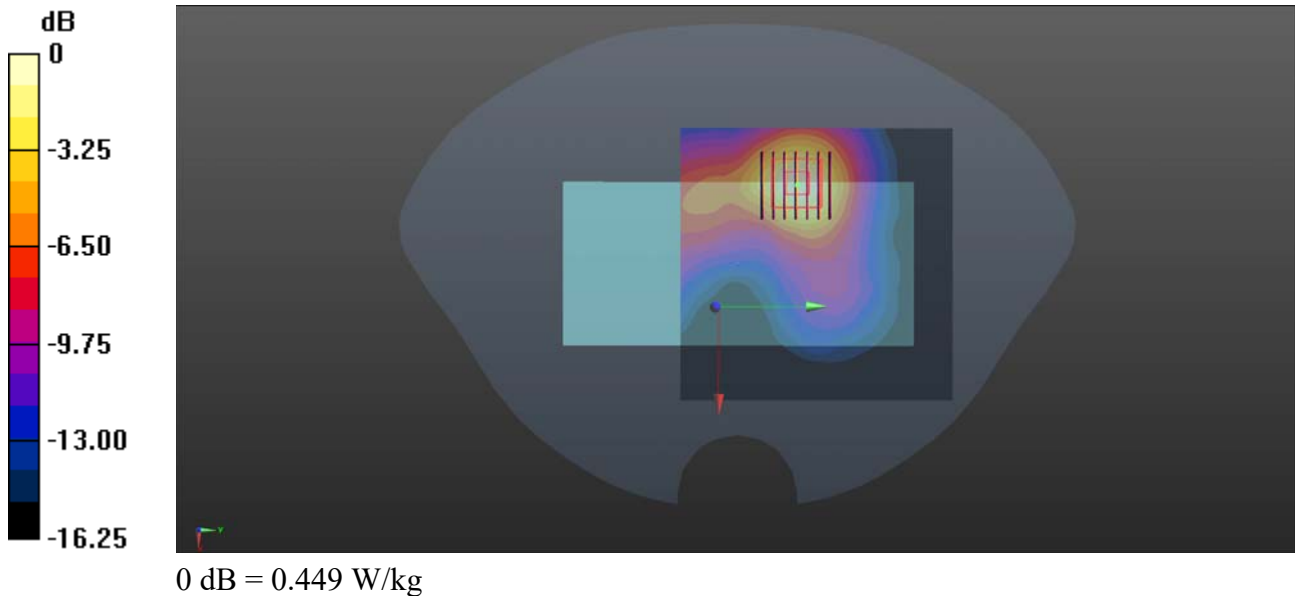
Peak SAR (extrapolated) = 0.580 W/kg

SAR(1 g) = 0.314 W/kg; SAR(10 g) = 0.161 W/kg

Smallest distance from peaks to all points 3 dB below = 12.5 mm

Ratio of SAR at M2 to SAR at M1 = 54.8%

Maximum value of SAR (measured) = 0.449 W/kg



WLAN5.2GHz_802.11a 6Mbps_Back Side_10mm_Ch44

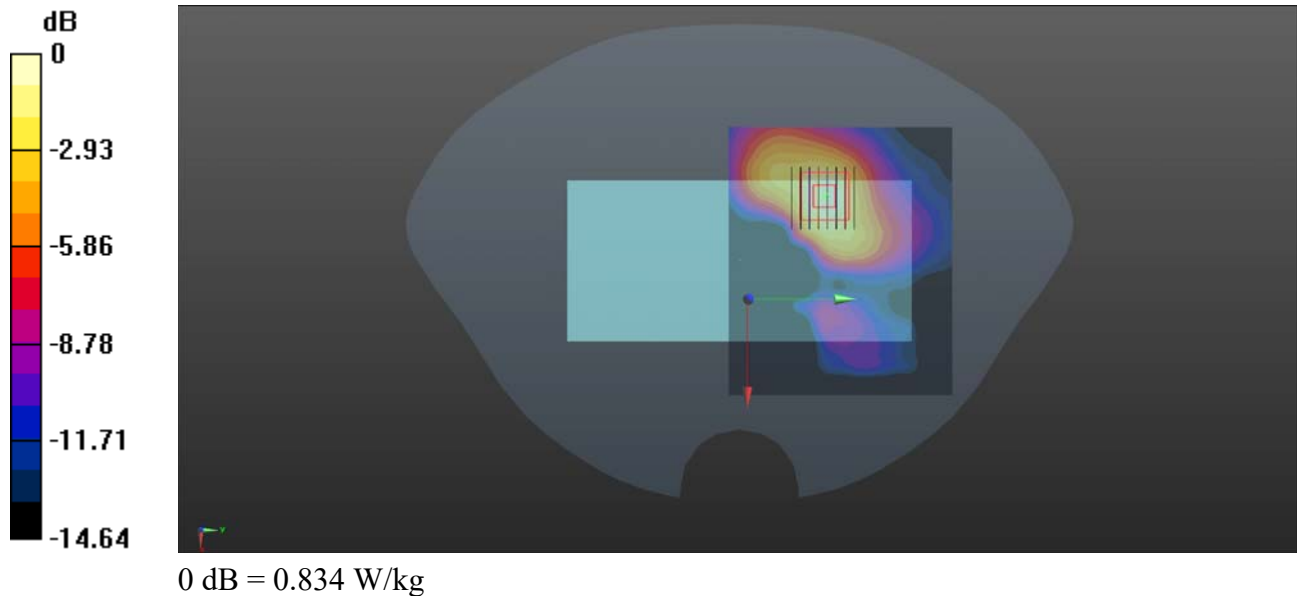
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5220 MHz; Duty Cycle: 1:1.01
Medium: HSL_5250 Medium parameters used: $f = 5220 \text{ MHz}$; $\sigma = 4.712 \text{ S/m}$; $\epsilon_r = 36.781$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(5.41, 5.52, 5.17) @ 5220 MHz; Calibrated: 2024.03.21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated 2024.03.17
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch44/Area Scan (121x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
Maximum value of SAR (interpolated) = 0.874 W/kg

Ch44/Zoom Scan (8x8x15)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$
Reference Value = 0.5550 V/m ; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 0.459 W/kg ; SAR(10 g) = 0.176 W/kg
Smallest distance from peaks to all points 3 dB below = 11.6 mm
Ratio of SAR at M2 to SAR at M1 = 54.9%
Maximum value of SAR (measured) = 0.834 W/kg



WLAN5.3GHz_802.11a 6Mbps_Back Side_10mm_Ch52

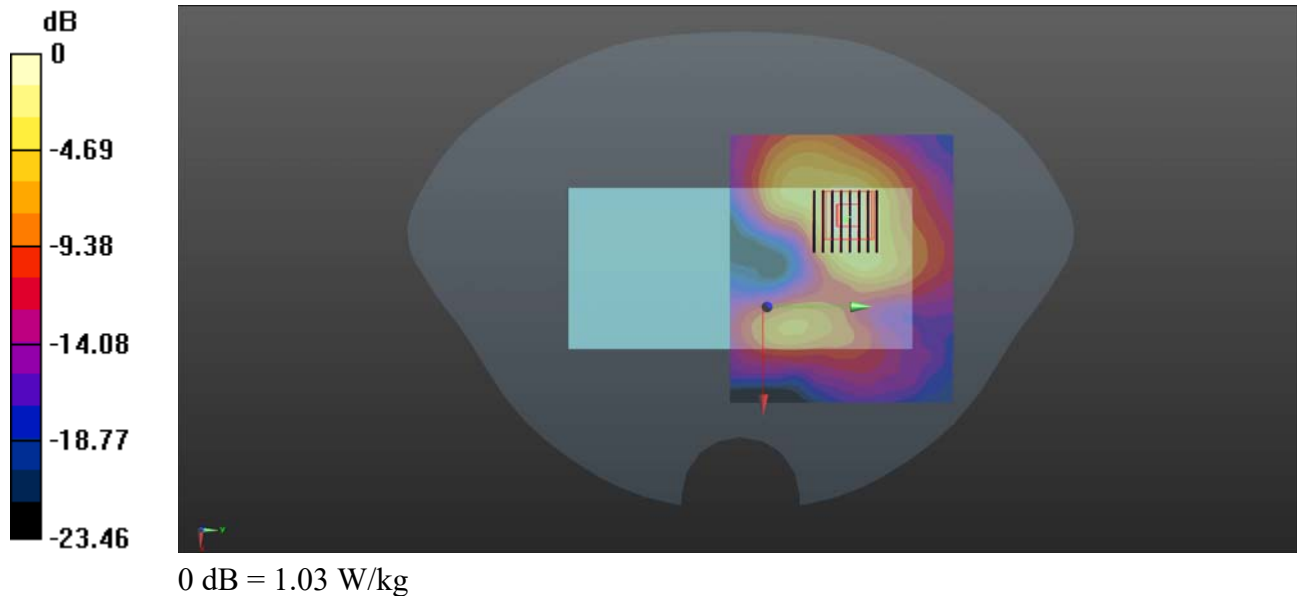
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5260 MHz; Duty Cycle: 1:1.005
Medium: HSL_5250 Medium parameters used: $f = 5260$ MHz; $\sigma = 4.881$ S/m; $\epsilon_r = 36.574$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(5.41, 5.52, 5.17) @ 5260 MHz; Calibrated: 2024.03.21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated 2024.03.17
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch52/Area Scan (121x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.00 W/kg

Ch52/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.5250 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 2.13 W/kg
SAR(1 g) = 0.548 W/kg; SAR(10 g) = 0.204 W/kg
Smallest distance from peaks to all points 3 dB below = 10.4 mm
Ratio of SAR at M2 to SAR at M1 = 53.5%
Maximum value of SAR (measured) = 1.03 W/kg



WLAN5.5GHz_802.11a 6Mbps_Back Side_10mm_Ch100

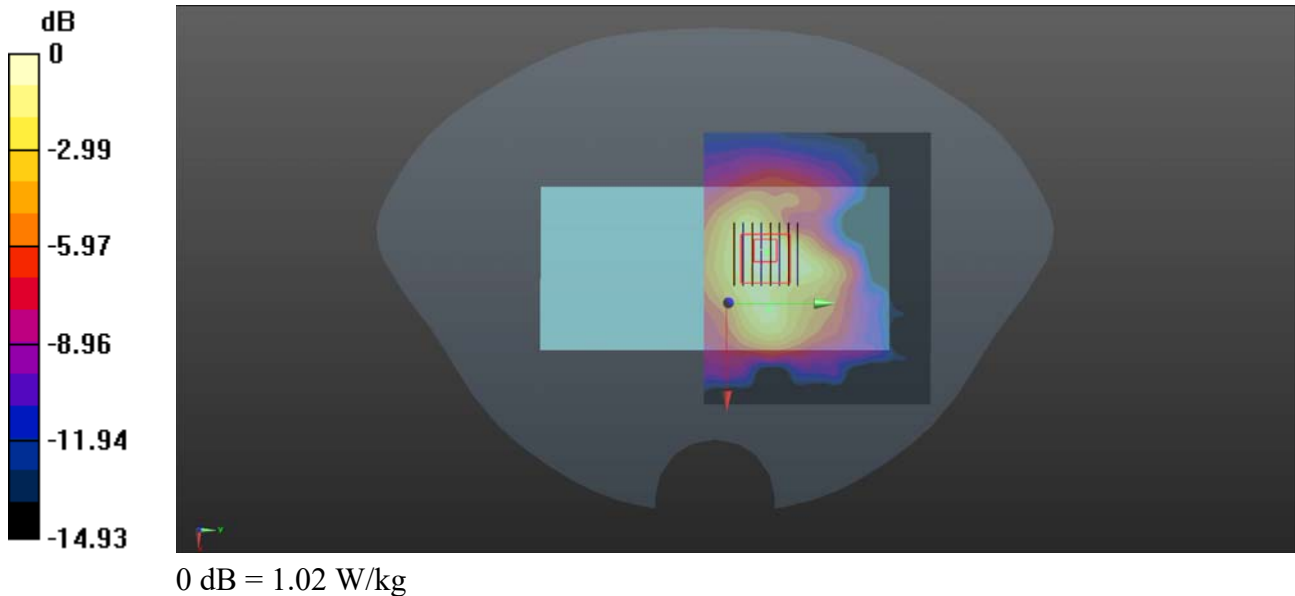
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5500 MHz; Duty Cycle: 1:1.005
Medium: HSL_5250 Medium parameters used: $f = 5500$ MHz; $\sigma = 4.82$ S/m; $\epsilon_r = 36.831$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(4.67, 4.8, 4.46) @ 5500 MHz; Calibrated: 2024.03.21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated 2024.03.17
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch100/Area Scan (121x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.07 W/kg

Ch100/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 6.732 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.03 W/kg
SAR(1 g) = 0.557 W/kg; SAR(10 g) = 0.228 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 53.9%
Maximum value of SAR (measured) = 1.02 W/kg



WLAN5.8GHz_802.11a 6Mbps_Back Side_10mm_Ch149

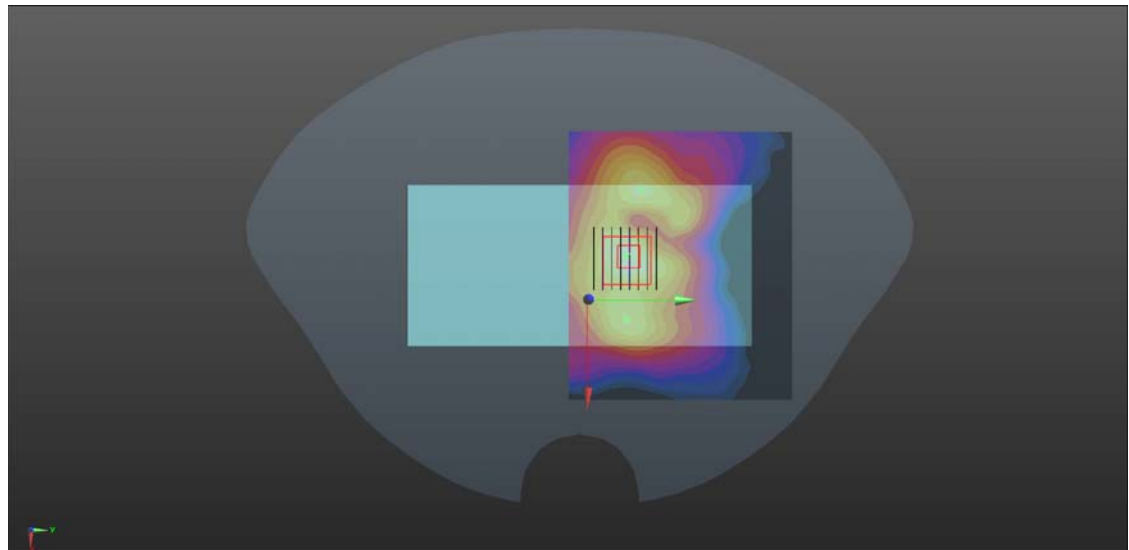
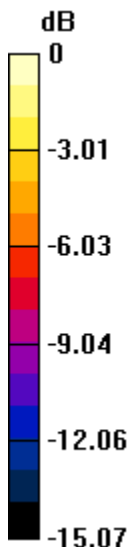
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5745 MHz; Duty Cycle: 1:1.005
Medium: HSL_5750 Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.256 \text{ S/m}$; $\epsilon_r = 35.868$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(4.76, 4.89, 4.54) @ 5745 MHz; Calibrated: 2024.03.21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated 2024.03.17
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch149/Area Scan (121x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
Maximum value of SAR (interpolated) = 0.824 W/kg

Ch149/Zoom Scan (8x8x15)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$
Reference Value = 5.353 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.75 W/kg
SAR(1 g) = 0.445 W/kg; SAR(10 g) = 0.163 W/kg
Smallest distance from peaks to all points 3 dB below = 8.9 mm
Ratio of SAR at M2 to SAR at M1 = 51.9%
Maximum value of SAR (measured) = 0.848 W/kg



0 dB = 0.848 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2024.10.21

Bluetooth_DH5_Back Side_10mm_Ch39

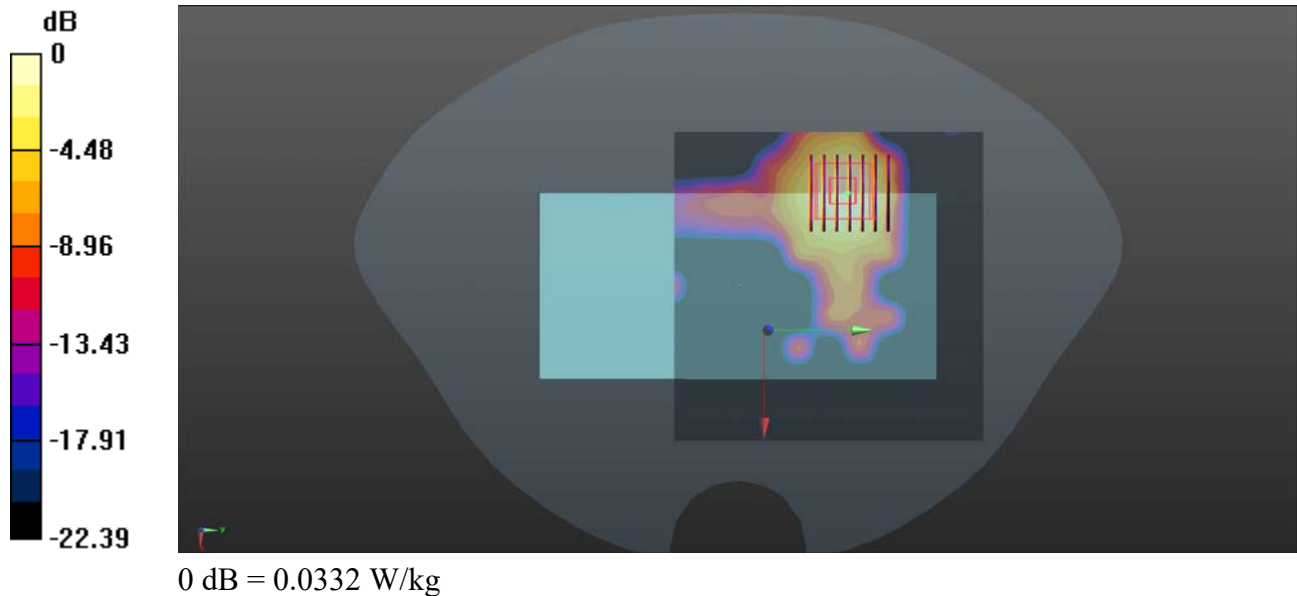
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.082
Medium: HSL_2450 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.832$ S/m; $\epsilon_r = 40.195$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3295; ConvF(4.75, 4.75, 4.75) @ 2441 MHz; Calibrated: 2024.07.17
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated 2024.03.17
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch39/Area Scan (101x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0359 W/kg

Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.0420 W/kg
SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.014 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 55.5%
Maximum value of SAR (measured) = 0.0332 W/kg



Measurement Report for Device, BACK, U-NII-5, IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle), Channel 15 (6025.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	154.0 x 72.0 x 20.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 10.00	U-NII-5	WLAN, 10743-AAC	6025.0, 15	5.17	5.46	35.1

Hardware Setup

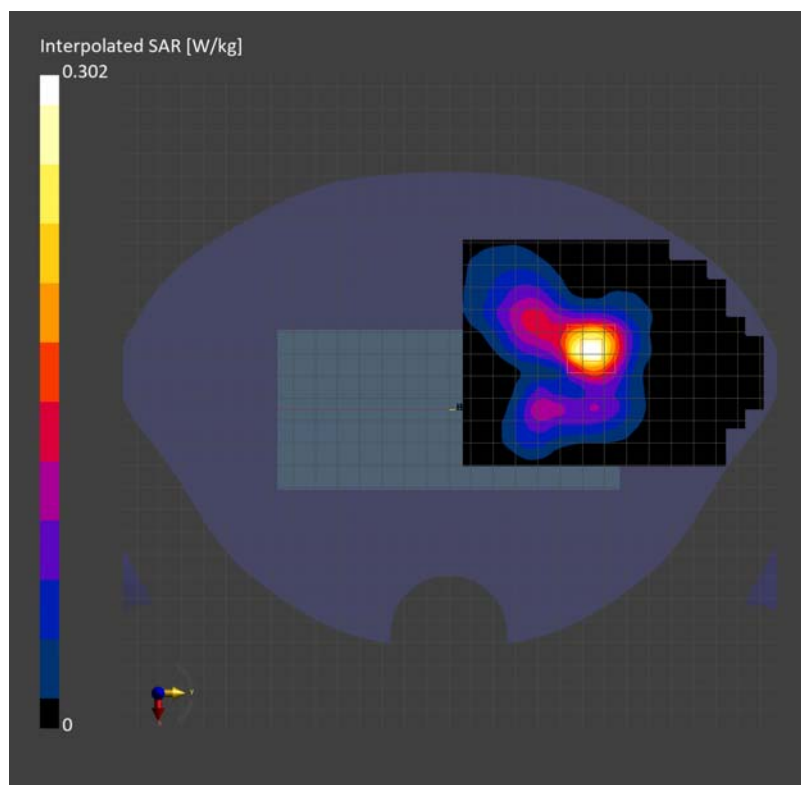
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2020	HBBL-600-10000 Charge:xxxx, --	EX3DV4 – SN7608, 2024-03-21	DAE4 Sn1324, 2024-07-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	102.0 x 153.0	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
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-10-17, 04:58	2024-10-17, 05:08
psSAR1g [W/Kg]	0.224	0.231
psSAR10g [W/Kg]	0.081	0.082
psAPD (1.0cm2, sq) [W/m2]		2.31
psAPD (4.0cm2, sq) [W/m2]		1.85
Power Drift [dB]	0.03	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		61.9
Dist 3dB Peak [mm]		10.1



Measurement Report for Device, BACK, U-NII-6, IEEE 802.11ax (80MHz, MCS0, 90pc duty cycle), Channel 103 (6465.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	154.0 x 72.0 x 20.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 10.00	U-NII-6	WLAN, 10719-AAC	6465.0, 103	5.17	6.11	34.8

Hardware Setup

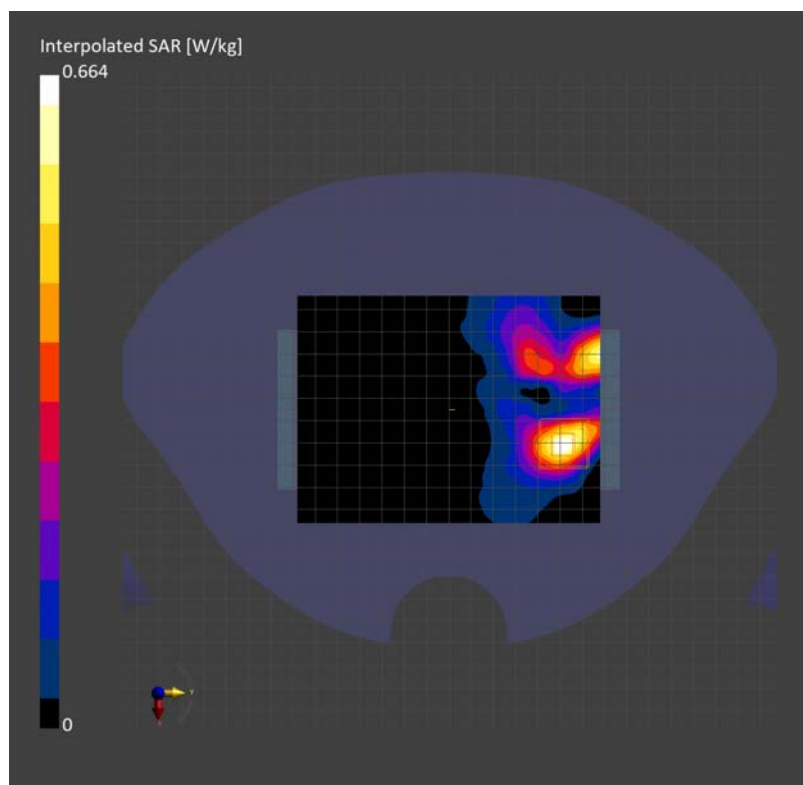
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2020	HBBL-600-10000 Charge:xxxx, --	EX3DV4 – SN7608, 2024-03-21	DAE4 Sn1324, 2024-07-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	102.0 x 136.0	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
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-10-21, 06:28	2024-10-21, 06:38
psSAR1g [W/Kg]	0.145	0.155
psSAR10g [W/Kg]	0.051	0.054
psAPD (1.0cm2, sq) [W/m2]		1.55
psAPD (4.0cm2, sq) [W/m2]		1.23
Power Drift [dB]	0.08	-0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		56.7
Dist 3dB Peak [mm]		8.0



Measurement Report for Device, BACK, U-NII-7, IEEE 802.11ax (80MHz, MCS0, 90pc duty cycle), Channel 167 (6785.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	154.0 x 72.0 x 20.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 10.00	U-NII-7	WLAN, 10719-AAC	6785.0, 167	5.17	6.39	33.6

Hardware Setup

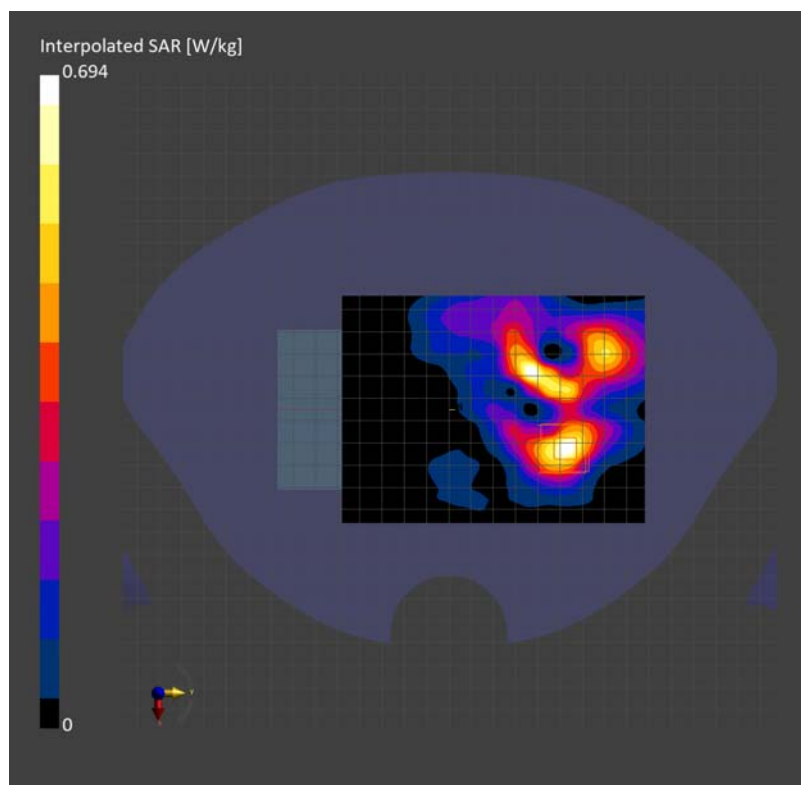
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2020	HBBL-600-10000 Charge:xxxx, --	EX3DV4 – SN7608, 2024-03-21	DAE4 Sn1324, 2024-07-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	102.0 x 136.0	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
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-10-29, 07:33	2024-10-29, 07:43
psSAR1g [W/Kg]	0.147	0.152
psSAR10g [W/Kg]	0.052	0.053
psAPD (1.0cm2, sq) [W/m2]		1.52
psAPD (4.0cm2, sq) [W/m2]		1.19
Power Drift [dB]	0.07	-0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		50.1
Dist 3dB Peak [mm]		8.8



Measurement Report for Device, BACK, U-NII-8, IEEE 802.11ax (80MHz, MCS0, 90pc duty cycle), Channel 215 (7025.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	154.0 x 72.0 x 20.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 10.00	U-NII-8	WLAN, 10719-AAC	7025.0, 215	5.17	6.69	33.2

Hardware Setup

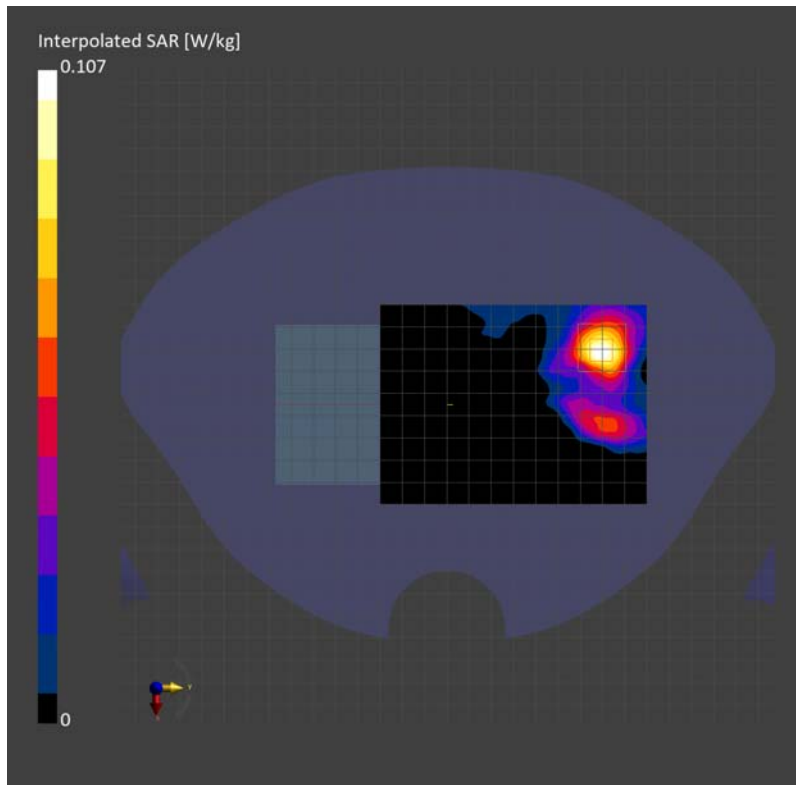
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2020	HBBL-600-10000 Charge:xxxx, --	EX3DV4 – SN7608, 2024-03-21	DAE4 Sn1324, 2024-07-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	7.5 x 7.5	3.0 x 3.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-10-30, 06:17	2024-10-30, 06:36
psSAR1g [W/Kg]	0.087	0.091
psSAR10g [W/Kg]	0.030	0.032
psAPD (1.0cm2, sq) [W/m2]		0.905
psAPD (4.0cm2, sq) [W/m2]		0.731
Power Drift [dB]	0.13	0.18
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		53.1
Dist 3dB Peak [mm]		9.5



WLAN5.3GHz_802.11a 6Mbps_Back Side_0mm_Ch52

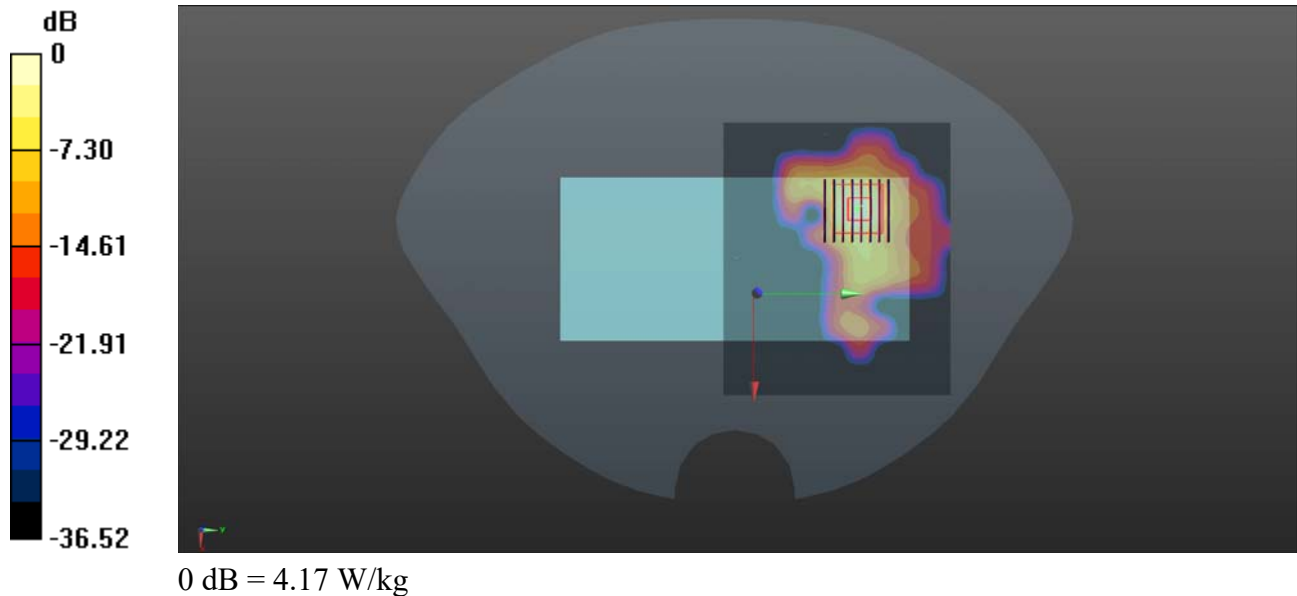
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5260 MHz; Duty Cycle: 1:1.005
Medium: HSL_5250 Medium parameters used: $f = 5260$ MHz; $\sigma = 4.881$ S/m; $\epsilon_r = 36.574$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(5.41, 5.52, 5.17) @ 5260 MHz; Calibrated: 2024.03.21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated 2024.03.17
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch100/Area Scan (121x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 3.43 W/kg

Ch100/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.319 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 6.42 W/kg
SAR(1 g) = 1.8 W/kg; SAR(10 g) = 0.604 W/kg
Smallest distance from peaks to all points 3 dB below = 6.1 mm
Ratio of SAR at M2 to SAR at M1 = 52%
Maximum value of SAR (measured) = 4.17 W/kg



WLAN5.5GHz_802.11a 6Mbps_Back Side_0mm_Ch100

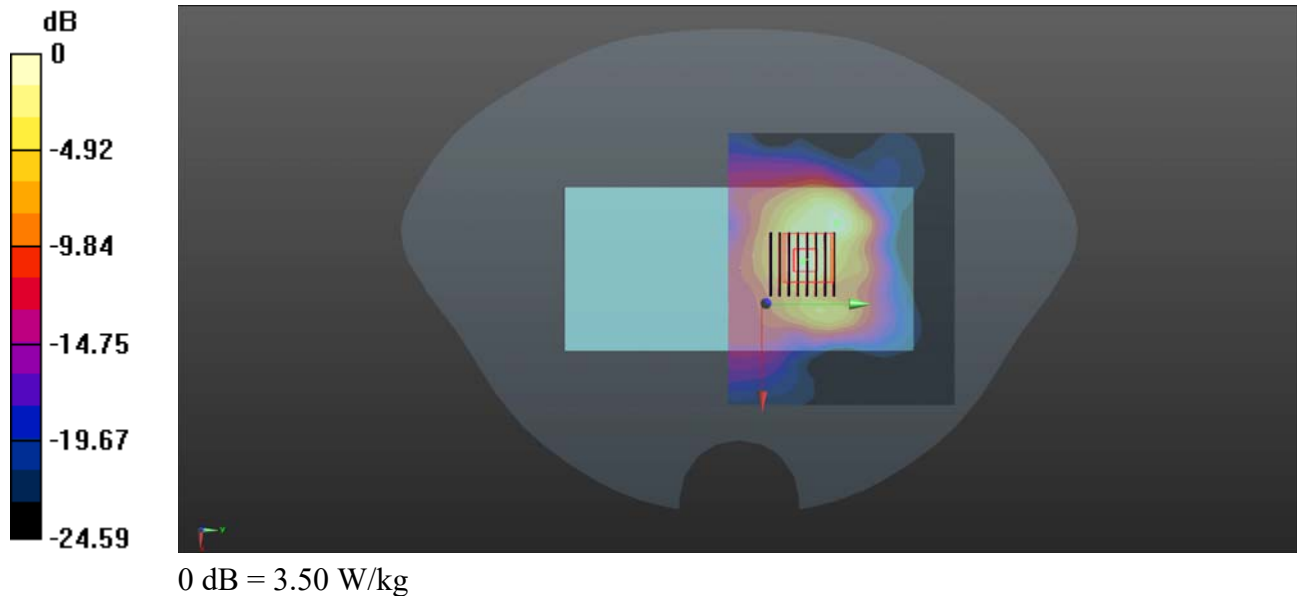
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5500 MHz; Duty Cycle: 1:1.005
Medium: HSL_5600 Medium parameters used: $f = 5500$ MHz; $\sigma = 4.82$ S/m; $\epsilon_r = 36.831$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(4.67, 4.8, 4.46) @ 5500 MHz; Calibrated: 2024.03.21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated 2024.03.17
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch52/Area Scan (121x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 4.44 W/kg

Ch52/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.315 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 9.33 W/kg
SAR(1 g) = 2.01 W/kg; SAR(10 g) = 0.567 W/kg
Smallest distance from peaks to all points 3 dB below = 7.9 mm
Ratio of SAR at M2 to SAR at M1 = 56.9%
Maximum value of SAR (measured) = 3.50 W/kg



Measurement Report for Device, BACK, U-NII-5, IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle), Channel 15 (6025.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	154.0 x 72.0 x 20.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	U-NII-5	WLAN, 10743-AAC	6025.0, 15	5.17	5.46	35.1

Hardware Setup

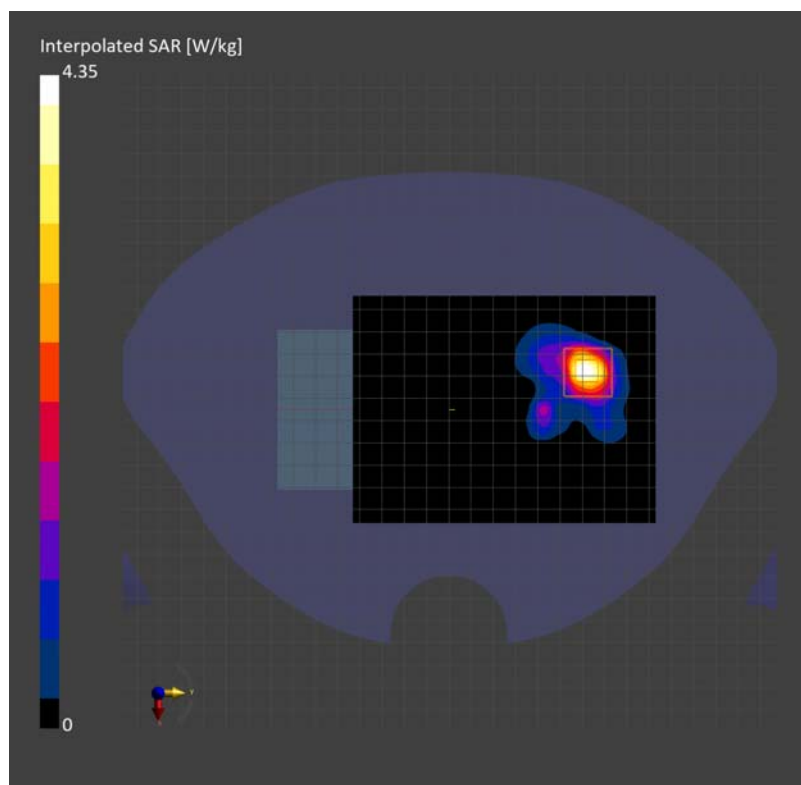
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2020	HBBL-600-10000 Charge:xxxx, --	EX3DV4 – SN7608, 2024-03-21	DAE4 Sn1324, 2024-07-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	102.0 x 136.0	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
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.4
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-10-17, 22:18	2024-10-17, 22:33
psSAR1g [W/Kg]	1.11	1.12
psSAR10g [W/Kg]	0.354	0.358
psAPD (1.0cm2, sq) [W/m2]		11.2
psAPD (4.0cm2, sq) [W/m2]		8.22
Power Drift [dB]	-0.05	-0.02
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		58.4
Dist 3dB Peak [mm]		7.7



Measurement Report for Device, BACK, U-NII-6, IEEE 802.11ax (80MHz, MCS0, 90pc duty cycle), Channel 103 (6465.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	154.0 x 72.0 x 20.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	U-NII-6	WLAN, 10719-AAC	6465.0, 103	5.17	6.11	34.8

Hardware Setup

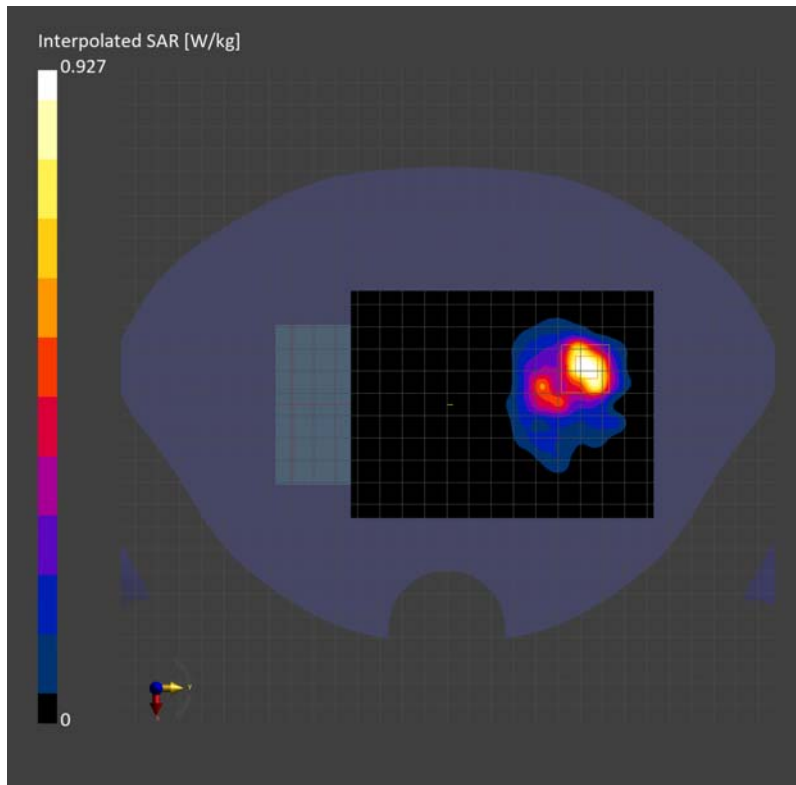
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2020	HBBL-600-10000 Charge:xxxx, --	EX3DV4 – SN7608, 2024-03-21	DAE4 Sn1324, 2024-07-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	102.0 x 136.0	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
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.4
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-10-21, 22:42	2024-10-21, 22:57
psSAR1g [W/Kg]	0.720	0.742
psSAR10g [W/Kg]	0.244	0.246
psAPD (1.0cm2, sq) [W/m2]		7.42
psAPD (4.0cm2, sq) [W/m2]		5.58
Power Drift [dB]	0.18	-0.08
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		57.9
Dist 3dB Peak [mm]		7.1



Measurement Report for Device, BACK, U-NII-7, IEEE 802.11ax (80MHz, MCS0, 90pc duty cycle), Channel 167 (6785.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	154.0 x 72.0 x 20.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	U-NII-7	WLAN, 10719-AAC	6785.0, 167	5.17	6.39	33.6

Hardware Setup

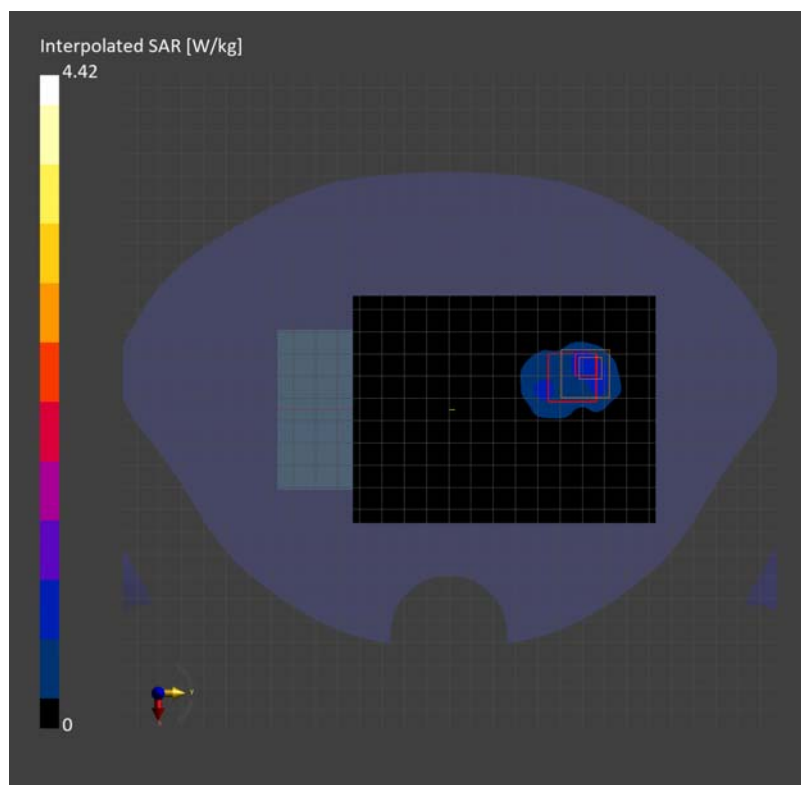
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2020	HBBL-600-10000 Charge:xxxx, --	EX3DV4 – SN7608, 2024-03-21	DAE4 Sn1324, 2024-07-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	102.0 x 136.0	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
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.4
MAIA	Y	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-10-29, 23:07	2024-10-29, 23:43
psSAR1g [W/Kg]	0.794	0.888
psSAR10g [W/Kg]	0.292	0.280
psAPD (1.0cm2, sq) [W/m2]		8.88
psAPD (4.0cm2, sq) [W/m2]		6.16
Power Drift [dB]	-0.02	-0.09
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		54.7
Dist 3dB Peak [mm]		6.3



Measurement Report for Device, BACK, U-NII-8, IEEE 802.11ax (80MHz, MCS0, 90pc duty cycle), Channel 215 (7025.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	154.0 x 72.0 x 20.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	U-NII-8	WLAN, 10719-AAC	7025.0, 215	5.17	6.69	33.2

Hardware Setup

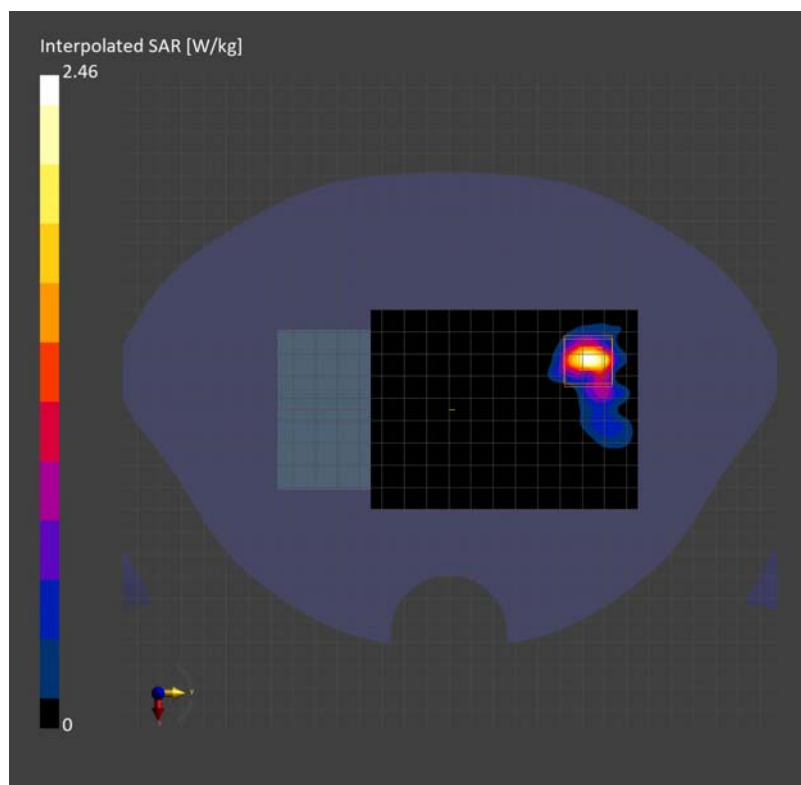
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2020	HBBL-600-10000 Charge:xxxx, --	EX3DV4 – SN7608, 2024-03-21	DAE4 Sn1324, 2024-07-05

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 120.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	7.5 x 7.5	3.0 x 3.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	n/a	Yes
Grading Ratio	n/a	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2024-10-30, 23:43	2024-10-30, 23:58
psSAR1g [W/Kg]	0.470	0.465
psSAR10g [W/Kg]	0.133	0.130
psAPD (1.0cm2, sq) [W/m2]		4.65
psAPD (4.0cm2, sq) [W/m2]		3.03
Power Drift [dB]	0.09	0.04
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		51.6
Dist 3dB Peak [mm]		5.4



Laboratory Name: Morlab Grop

Measurement Report for Device, BACK, U-NII-5, IEEE 802.11ax (80MHz, MCS0, 99pc duty cycle), Channel 7 (5985.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	156.0 x 76.0 x 18.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	BACK, 5.00	U-NII-5	WLAN, 10731-AAC	5985.0, 7	1.0

Hardware Setup

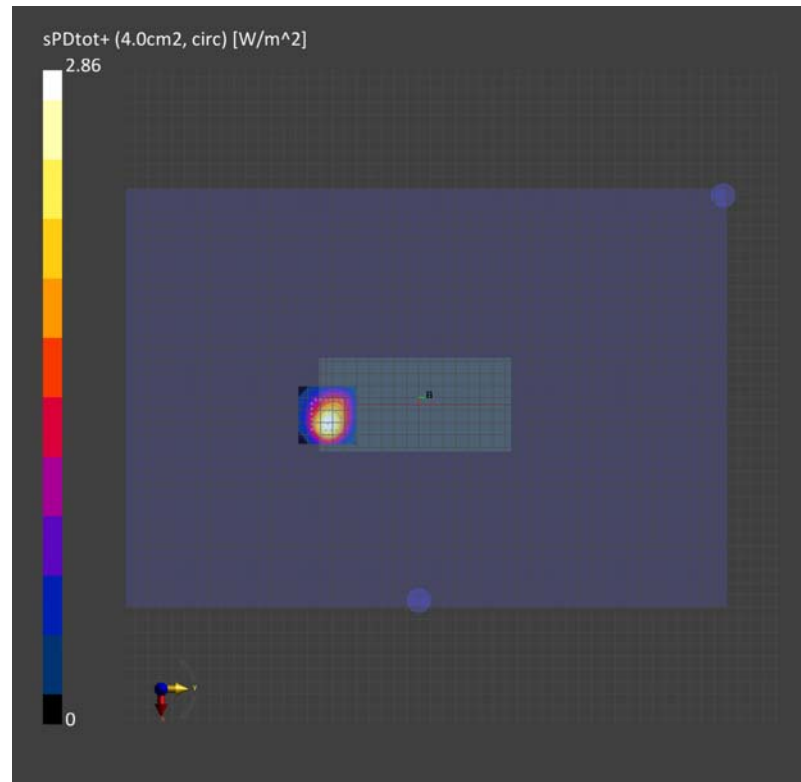
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - xxxx	Air -	EUmmWV4 - SN9602_F1-55GHz, 2024-03-12	DAE4 Sn1324, 2024-07-05

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

Scan Type	5G Scan
Date	2024-10-25, 23:45
Avg. Area [cm ²]	4.00
psPDtot+ [W/m ²]	3.86
psPDmod+ [W/m ²]	4.96
E _{max} [V/m]	47.9



Laboratory Name: Morlab Grop

Measurement Report for Device, BACK, U-NII-6, IEEE 802.11ax (80MHz, MCS0, 90pc duty cycle), Channel 103 (6465.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	154.0 x 72.0 x 18.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	BACK, 5.00	U-NII-6	WLAN, 10719-AAC	6465.0, 103	1.0

Hardware Setup

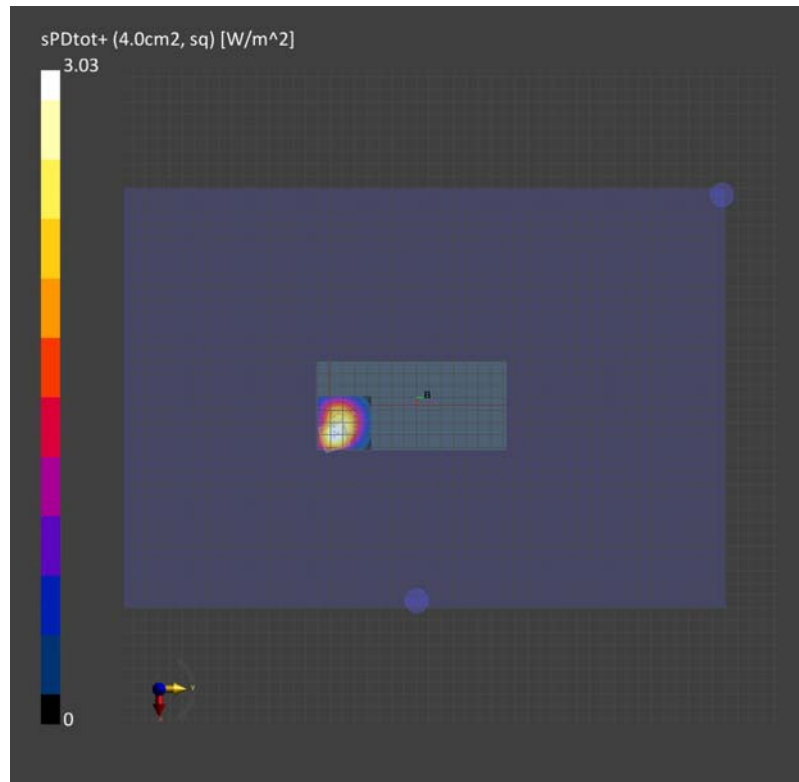
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - xxxx	Air -	EUmmWV4 - SN9602_F1-55GHz, 2024-03-12	DAE4 Sn1324, 2024-07-05

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

Scan Type	5G Scan
Date	2024-10-22, 00:55
Avg. Area [cm ²]	4.00
psPDtot+ [W/m ²]	3.03
psPDmod+ [W/m ²]	3.32
E _{max} [V/m]	46.7



Laboratory Name: Morlab Grop

Measurement Report for Device, BACK, U-NII-7, IEEE 802.11ax (80MHz, MCS0, 90pc duty cycle), Channel 135 (6625.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	156.0 x 76.0 x 18.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	BACK, 5.00	U-NII-7	WLAN, 10719-AAC	6625.0, 135	1.0

Hardware Setup

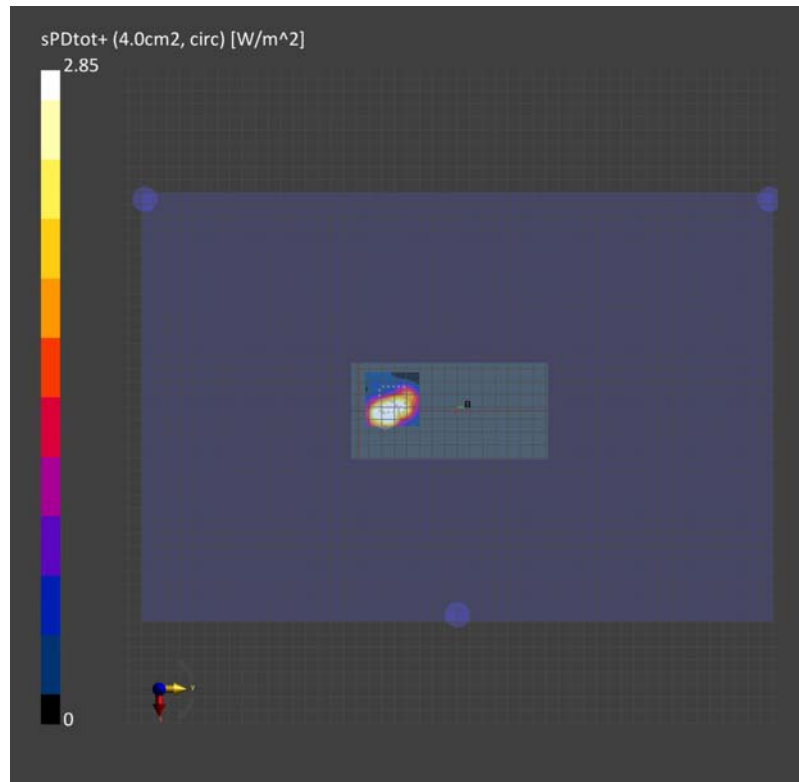
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - xxxx	Air -	EUmmWV4 - SN9602_F1-55GHz, 2024-03-12	DAE4 Sn1324, 2024-07-05

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

Scan Type	5G Scan
Date	2024-10-27, 09:05
Avg. Area [cm ²]	4.00
psPDtot+ [W/m ²]	3.59
psPDmod+ [W/m ²]	4.77
E _{max} [V/m]	64.1



Laboratory Name: Morlab Grop

Measurement Report for Device, BACK, U-NII-8, IEEE 802.11ax (80MHz, MCS0, 90pc duty cycle), Channel 215 (7025.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	154.0 x 72.0 x 18.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	BACK, 5.00	U-NII-8	WLAN, 10719-AAC	7025.0, 215	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - xxxx	Air -	EUmmWV4 - SN9602_F1-55GHz, 2024-03-12	DAE4 Sn1324, 2024-07-05

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

Scan Type	5G Scan
Date	2024-10-22, 04:29
Avg. Area [cm ²]	4.00
psPDtot+ [W/m ²]	1.852
psPDmod+ [W/m ²]	2.34
E _{max} [V/m]	43.0

