SAR Test Report

Part 2 of 3

Project Number: 5106021 **Quotation Number:** SUW-202301003949

Report Number: 5106021EMC01 **Revision Level:** 0

Client: Aegex Technologies, LLC

Equipment Under Test: Tablet

Model Name: Aegex100M

Model Number: 100M

FCC ID: Contains 2AGVY-100MWBXX01

IC: Contains 21074-100MWBXX01

Applicable Standards: IEC 62209-1528

Report issued on: 23 August 2024

Test Result: Compliant

FOR THE SCOPE OF ACCREDITATION UNDER CERTIFICATE NUMBER: 3212.01

This report must not be used by the client to claim product certification, approval, or endorsement by A2LA, NIST, or any agency of the Federal Government.

Tested / Evaluated by: P. Lorenzo

Paul Lorenzo, Senior EMC Technician

Reviewed by: Stephen C Whalen

Stephen C. Whalen, EMC/RF Exposure Manager

Table of Contents

'APPENDIX A - PHOTOS OF EUT AND TEST POSITION(S)

EUT Standalone

Front

Side

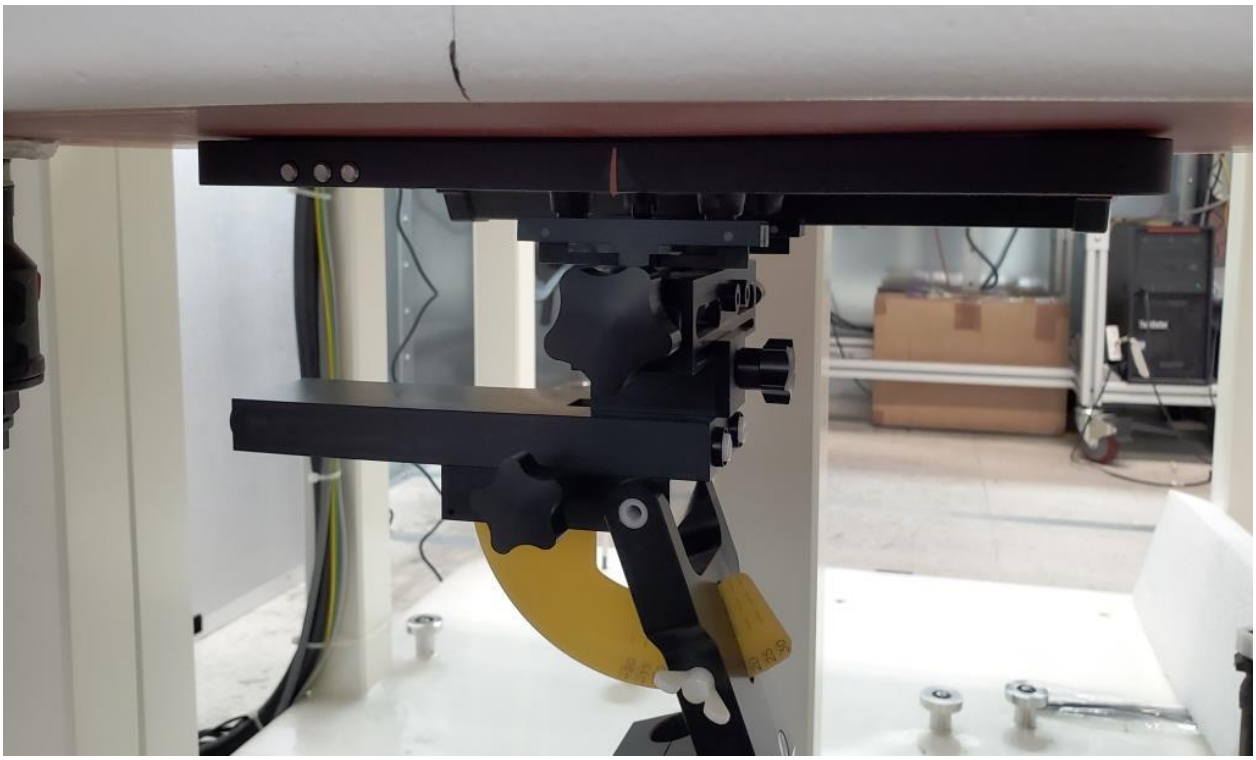

FOR REFERENCE ONLY
ENGINEERING SAMPLE
NOT CERTIFIED, NOT FOR SALE
WARNING: DO NOT TAKE THE TABLET INTO HAZARDOUS AREAS
Radiated sample 2

Back

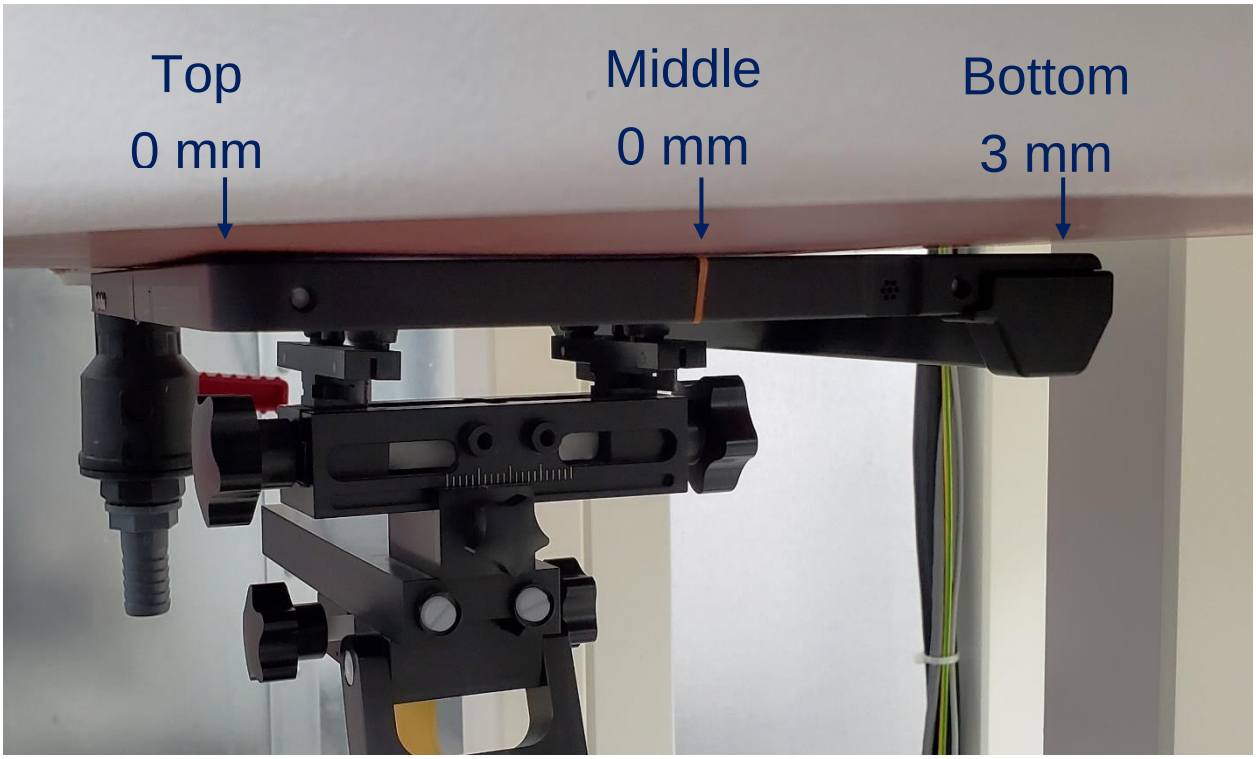
EUT Test Position

EUT Right

EUT Right Phantom Separation

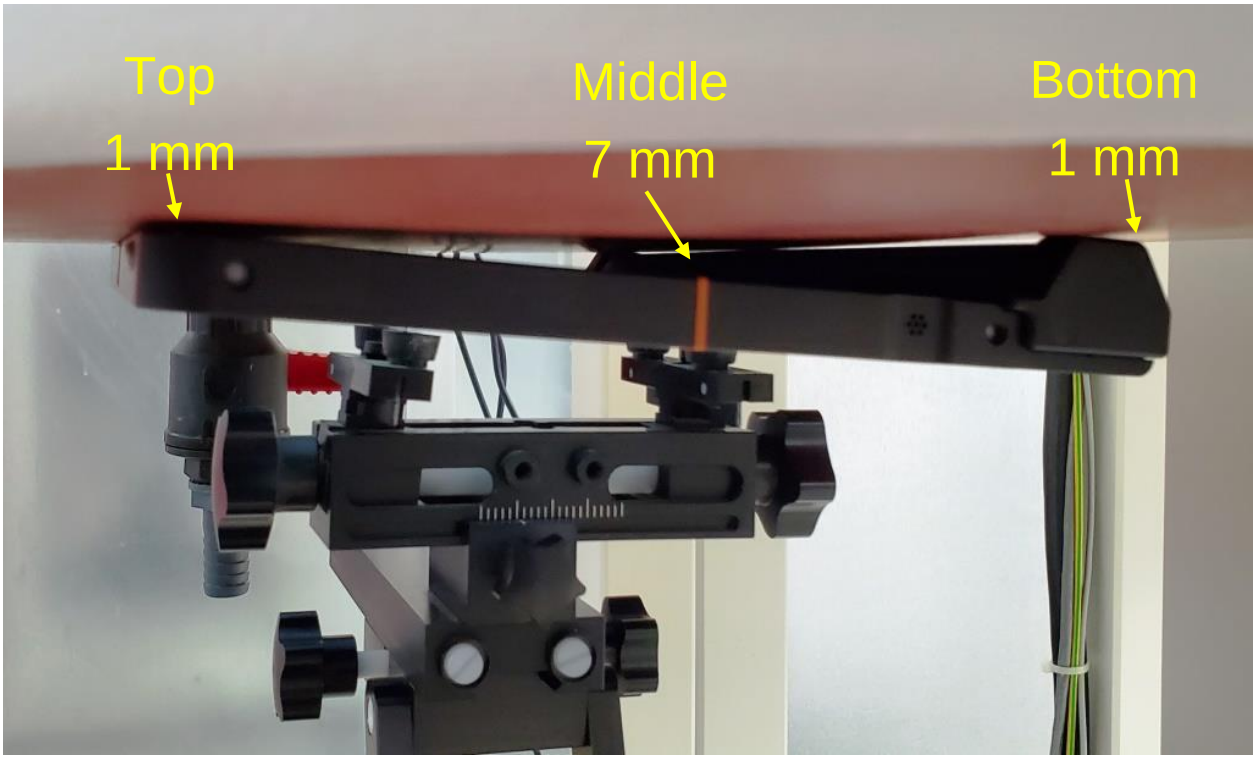


EUT Front



EUT Front Phantom Separation

EUT Back



EUT Back Phantom Separation

APPENDIX B – SAR DATA

Test Laboratory: SGS SAR Laboratory North America

Date/Time: 1/25/2024 4:17:46 PM

Plot #1

DUT: 100M Tablet Front – Main Antenna

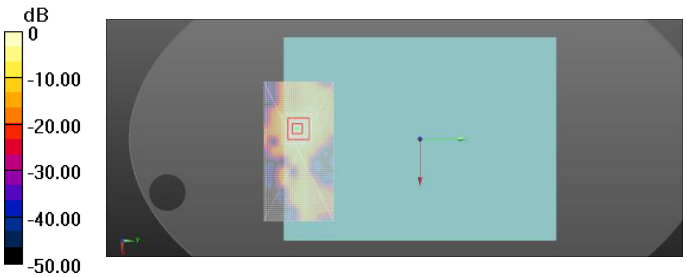
DASY5 Configuration:

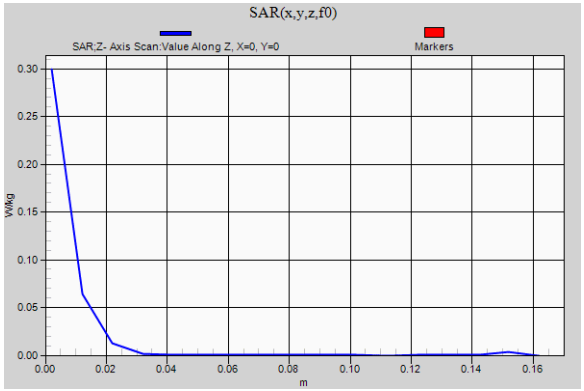
- Communication System: UID 10415 - AAA, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle); Frequency: 2462 MHz;
- Probe: EX3DV4 - SN3812; ConvF(7.29, 7.69, 7.09) @ 2462 MHz; Calibrated: 2/22/2023
- Medium parameters used: f = 2462 MHz; σ = 1.74 S/m; ε_r = 36.241; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/14/2023
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

2-3GHz Body/Body Scan/Area Scan (141x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 4.971 V/m; Power Drift = 0.20 dB
Fast SAR: SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.075 W/kg
Maximum value of SAR (interpolated) = 0.298 W/kg

2-3GHz Body/Body Scan/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.971 V/m; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 0.391 W/kg
SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.074 W/kg
Smallest distance from peaks to all points 3 dB below = 7.6 mm
Ratio of SAR at M2 to SAR at M1 = 50.7%
Maximum value of SAR (measured) = 0.293 W/kg

2-3GHz Body/Body Scan/Z- Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.300 W/kg





Test Laboratory: SGS SAR Laboratory North America

Date/Time: 1/26/2024 1:31:34 PM

Plot #2

DUT: 100M Tablet Back – Aux Antenna

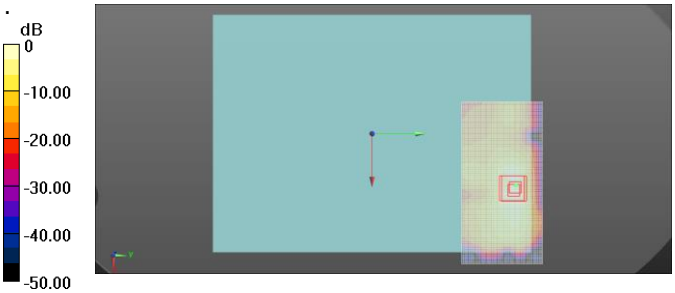
DASY5 Configuration:

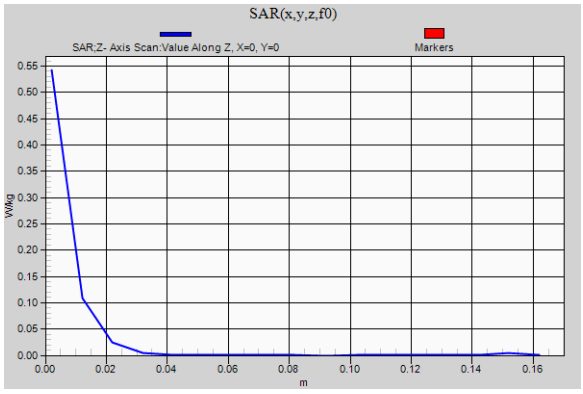
- Communication System: UID 10415 - AAA, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle); Frequency: 2437 MHz;
- Probe: EX3DV4 - SN3812; ConvF(7.29, 7.69, 7.09) @ 2437 MHz; Calibrated: 2/22/2023
- Medium parameters used: f = 2437 MHz; σ = 1.729 S/m; ε_r = 36.66; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/14/2023
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

2-3GHz Body/Body Scan/Area Scan (141x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 0.5440 V/m; Power Drift = -1.83 dB
Fast SAR: SAR(1 g) = 0.293 W/kg; SAR(10 g) = 0.127 W/kg
Maximum value of SAR (interpolated) = 0.503 W/kg

2-3GHz Body/Body Scan/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.5440 V/m; Power Drift = -1.83 dB
Peak SAR (extrapolated) = 0.748 W/kg
SAR(1 g) = 0.314 W/kg; SAR(10 g) = 0.125 W/kg
Smallest distance from peaks to all points 3 dB below = 6 mm
Ratio of SAR at M2 to SAR at M1 = 46%
Maximum value of SAR (measured) = 0.521 W/kg

2-3GHz Body/Body Scan/Z- Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.542 W/kg





Test Laboratory: SGS SAR Laboratory North America

Date/Time: 1/26/2024 11:10:33 AM

Plot #3

DUT: 100M Tablet Front – Main Antenna

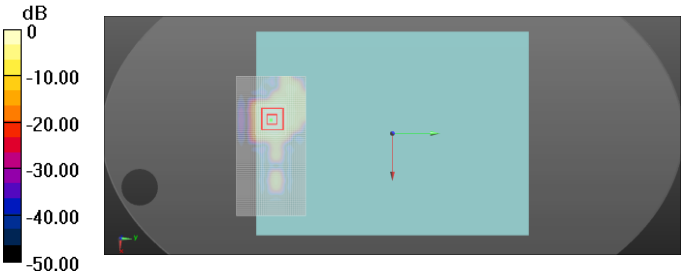
DASY5 Configuration:

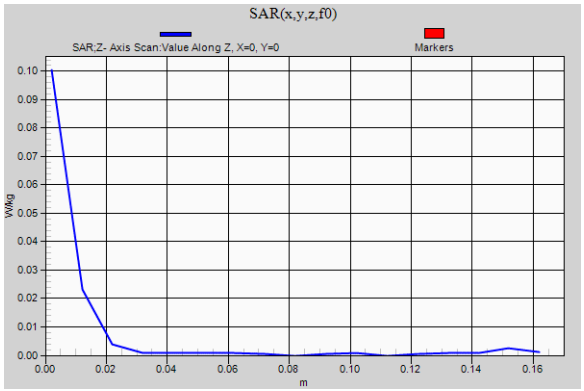
- Communication System: UID 10013 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps); Frequency: 2437 MHz;
- Probe: EX3DV4 - SN3812; ConvF(7.29, 7.69, 7.09) @ 2437 MHz; Calibrated: 2/22/2023
- Medium parameters used: f = 2437 MHz; σ = 1.729 S/m; ε_r = 36.66; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/14/2023
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

2-3GHz Body/Body Scan/Area Scan (141x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 2.029 V/m; Power Drift = 0.56 dB
Fast SAR: SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.027 W/kg
Maximum value of SAR (interpolated) = 0.104 W/kg

2-3GHz Body/Body Scan/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.029 V/m; Power Drift = 0.56 dB
Peak SAR (extrapolated) = 0.135 W/kg
SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.026 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 49.6%
Maximum value of SAR (measured) = 0.102 W/kg

2-3GHz Body/Body Scan/Z- Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.100 W/kg





Test Laboratory: SGS SAR Laboratory North America

Date/Time: 1/30/2024 1:33:04 PM

Plot #4

DUT: 100M Tablet Back – Aux Antenna

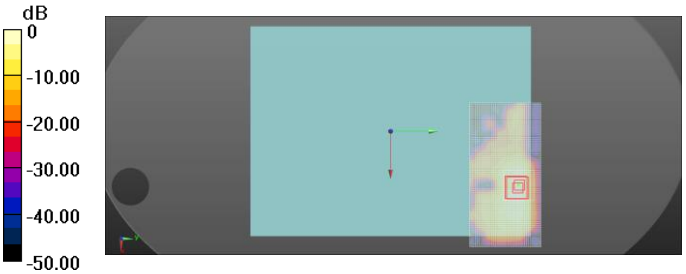
DASY5 Configuration:

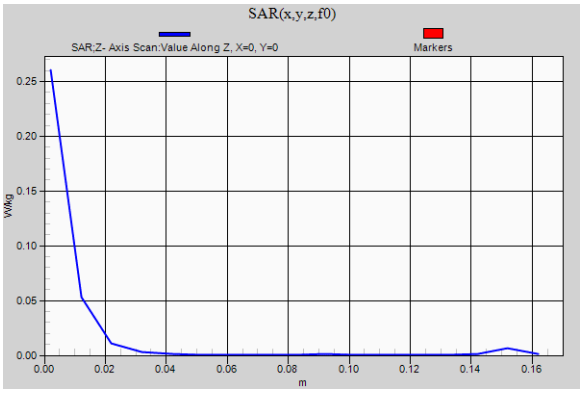
- Communication System: UID 10013 - CAB, IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps); Frequency: 2437 MHz;
- Probe: EX3DV4 - SN3812; ConvF(7.29, 7.69, 7.09) @ 2437 MHz; Calibrated: 2/22/2023
- Medium parameters used: f = 2437 MHz; σ = 1.74 S/m; ε_r = 36.266; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/14/2023
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

2-3GHz Body/Body Scan/Area Scan (141x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Reference Value = 11.88 V/m; Power Drift = 0.04 dB
Fast SAR: SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.056 W/kg
Maximum value of SAR (interpolated) = 0.246 W/kg

2-3GHz Body/Body Scan/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.88 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.365 W/kg
SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.059 W/kg
Smallest distance from peaks to all points 3 dB below = 5.1 mm
Ratio of SAR at M2 to SAR at M1 = 43.9%
Maximum value of SAR (measured) = 0.258 W/kg

2-3GHz Body/Body Scan/Z- Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.260 W/kg





Test Laboratory: SGS SAR Laboratory North America

Date/Time: 3/31/2024 1:53:08 PM

Plot #5

DUT: 100M Tablet Right – Main Antenna

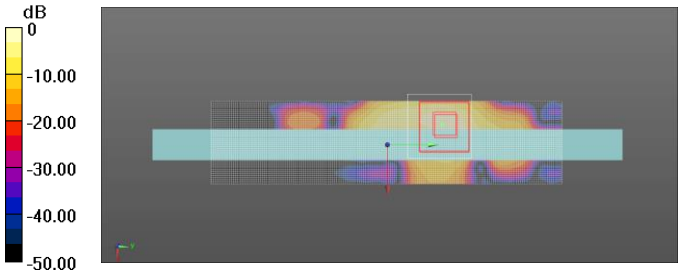
DASY5 Configuration:

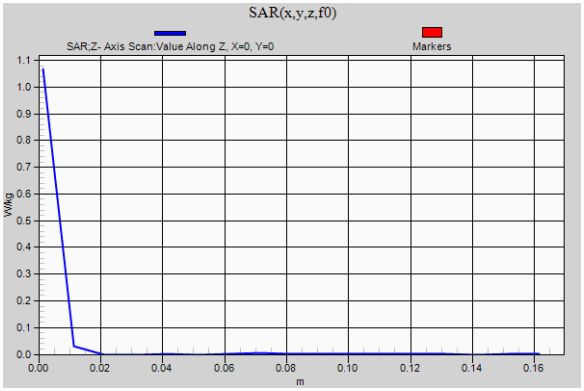
- Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5200 MHz;
- Probe: EX3DV4 - SN3812; ConvF(4.71, 4.9, 4.6) @ 5200 MHz; Calibrated: 2/26/2024
- Medium parameters used: f = 5200 MHz; σ = 4.296 S/m; ε_r = 33.296; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/19/2024
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

4-6GHz Body/Body Scan/Area Scan (81x171x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 4.775 V/m; Power Drift = -0.28 dB
Fast SAR: SAR(1 g) = 0.330 W/kg; SAR(10 g) = 0.098 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.882 W/kg

4-6GHz Body/Body Scan/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.775 V/m; Power Drift = -0.28 dB
Peak SAR (extrapolated) = 1.75 W/kg
SAR(1 g) = 0.378 W/kg; SAR(10 g) = 0.102 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 4.9 mm
Ratio of SAR at M2 to SAR at M1 = 51.4%
Maximum value of SAR (measured) = 0.989 W/kg

4-6GHz Body/Body Scan/Z- Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.07 W/kg





Test Laboratory: SGS SAR Laboratory North America

Date/Time: 4/1/2024 11:34:12 AM

Plot #6

DUT: 100M Tablet Right – Main Antenna

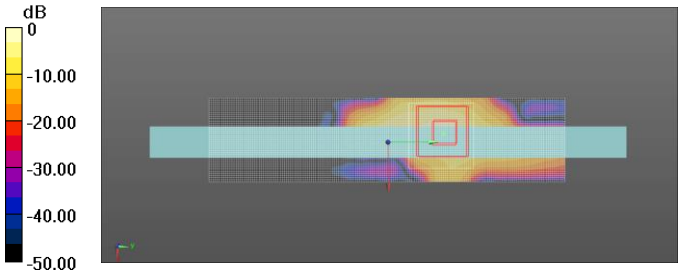
DASY5 Configuration:

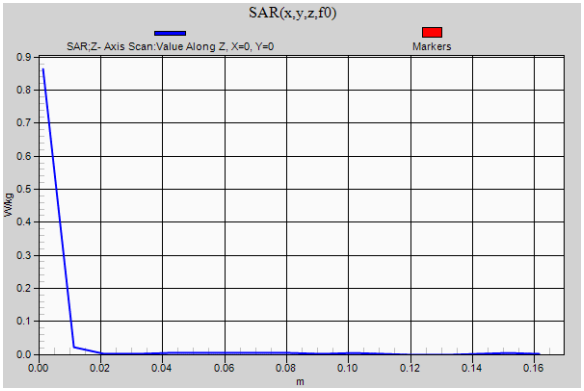
- Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5280 MHz;
- Probe: EX3DV4 - SN3812; ConvF(4.71, 4.9, 4.6) @ 5280 MHz; Calibrated: 2/26/2024
- Medium parameters used: f = 5280 MHz; σ = 4.413 S/m; ε_r = 33.887; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/19/2024
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

4-6GHz Body/Body Scan/Area Scan (81x171x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 8.578 V/m; Power Drift = 0.54 dB
Fast SAR: SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.084 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.716 W/kg

4-6GHz Body/Body Scan/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 8.578 V/m; Power Drift = 0.54 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.311 W/kg; SAR(10 g) = 0.084 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 4.9 mm
Ratio of SAR at M2 to SAR at M1 = 52.1%
Maximum value of SAR (measured) = 0.868 W/kg

4-6GHz Body/Body Scan/Z- Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.864 W/kg





Test Laboratory: SGS SAR Laboratory North America

Date/Time: 4/10/2024 10:14:37 AM

Plot #7

DUT: 100M Tablet Right – Main Antenna

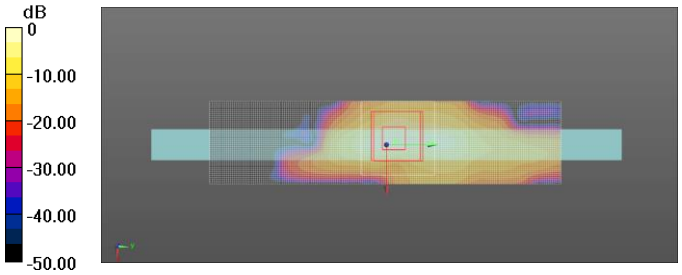
DASY5 Configuration:

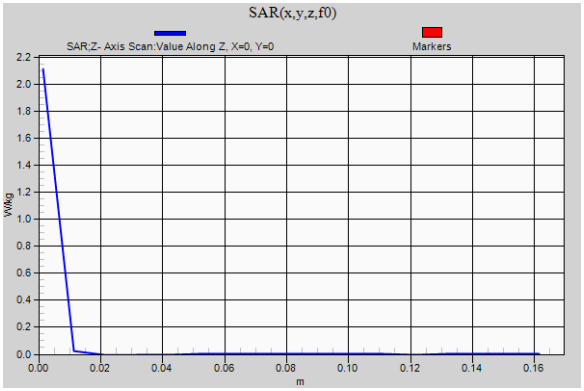
- Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5640 MHz;
- Probe: EX3DV4 - SN3812; ConvF(4.43, 4.55, 4.33) @ 5640 MHz; Calibrated: 2/26/2024
- Medium parameters used: f = 5640 MHz; σ = 4.756 S/m; ε_r = 32.634; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/19/2024
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

4-6GHz Body/Body Scan/Area Scan (91x171x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 17.03 V/m; Power Drift = 0.23 dB
Fast SAR: SAR(1 g) = 0.637 W/kg; SAR(10 g) = 0.176 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.04 W/kg

4-6GHz Body/Body Scan/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 17.03 V/m; Power Drift = 0.23 dB
Peak SAR (extrapolated) = 3.81 W/kg
SAR(1 g) = 0.730 W/kg; SAR(10 g) = 0.198 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 4.3 mm
Ratio of SAR at M2 to SAR at M1 = 50.4%
Maximum value of SAR (measured) = 2.10 W/kg

4-6GHz Body/Body Scan/Z- Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.11 W/kg





Test Laboratory: SGS SAR Laboratory North America

Date/Time: 4/5/2024 10:37:40 AM

Plot #8

DUT: 100M Tablet Right – Main Antenna

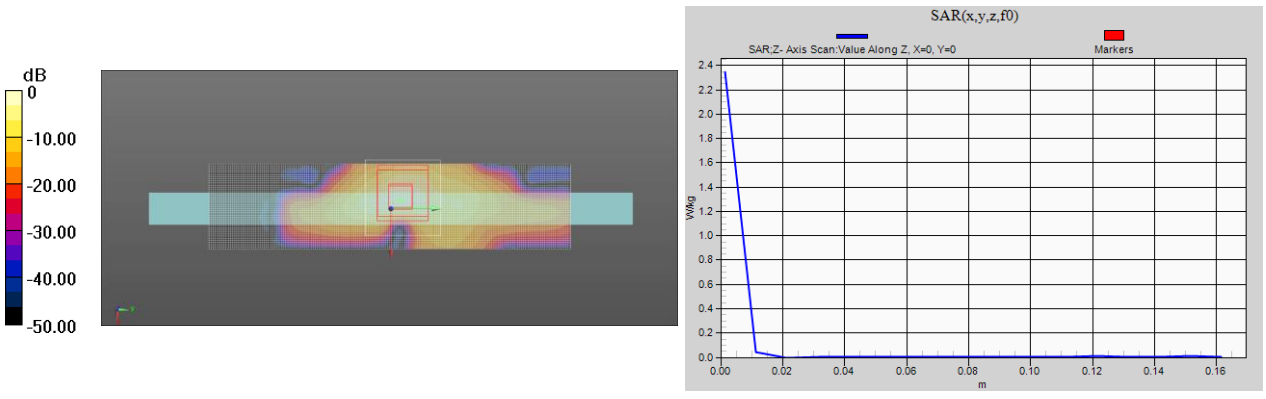
DASY5 Configuration:

- Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5785 MHz;
- Probe: EX3DV4 - SN3812; ConvF(4.41, 4.55, 4.32) @ 5785 MHz; Calibrated: 2/26/2024
- Medium parameters used: f = 5785 MHz; σ = 4.939 S/m; ε_r = 32.402; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/19/2024
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

4-6GHz Body/Body Scan/Area Scan (81x171x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 13.57 V/m; Power Drift = 0.69 dB
Fast SAR: SAR(1 g) = 0.663 W/kg; SAR(10 g) = 0.183 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 2.26 W/kg

4-6GHz Body/Body Scan/Zoom Scan (9x9x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 13.57 V/m; Power Drift = 0.69 dB
Peak SAR (extrapolated) = 4.27 W/kg
SAR(1 g) = 0.791 W/kg; SAR(10 g) = 0.212 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 4.7 mm
Ratio of SAR at M2 to SAR at M1 = 46.5%
Maximum value of SAR (measured) = 2.35 W/kg

4-6GHz Body/Body Scan/Z- Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.35 W/kg



0 dB = 2.35 W/kg = 3.71 dBW/kg

Test Laboratory: SGS SAR Laboratory North America

Date/Time: 4/1/2024 9:42:36 AM

Plot #9

DUT: 100M Tablet Right – Aux Antenna

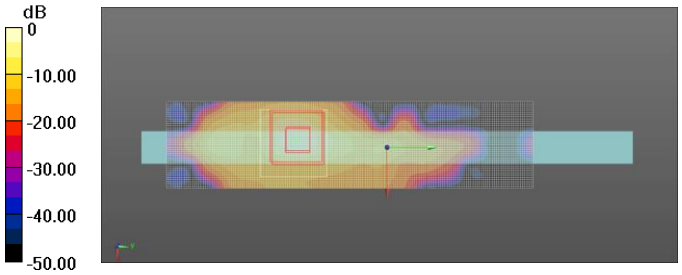
DASY5 Configuration:

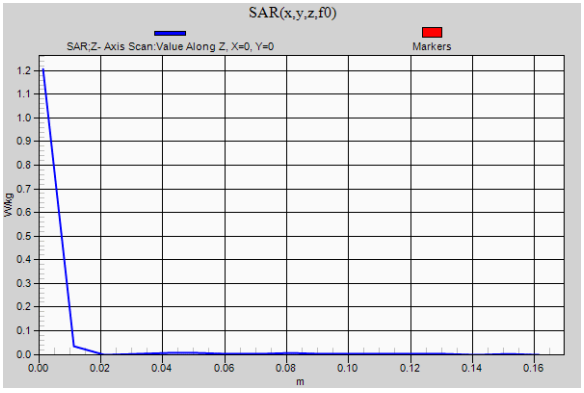
- Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5200 MHz;
- Probe: EX3DV4 - SN3812; ConvF(4.71, 4.9, 4.6) @ 5200 MHz; Calibrated: 2/26/2024
- Medium parameters used: f = 5200 MHz; σ = 4.329 S/m; ε_r = 33.968; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/19/2024
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

4-6GHz Body/Body Scan/Area Scan (81x171x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 9.290 V/m; Power Drift = 0.86 dB
Fast SAR: SAR(1 g) = 0.345 W/kg; SAR(10 g) = 0.094 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.02 W/kg

4-6GHz Body/Body Scan/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 9.290 V/m; Power Drift = 0.86 dB
Peak SAR (extrapolated) = 2.00 W/kg
SAR(1 g) = 0.397 W/kg; SAR(10 g) = 0.098 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 4.7 mm
Ratio of SAR at M2 to SAR at M1 = 50.9%
Maximum value of SAR (measured) = 1.18 W/kg

4-6GHz Body/Body Scan/Z- Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.21 W/kg





Test Laboratory: SGS SAR Laboratory North America

Date/Time: 4/1/2024 12:10:32 PM

Plot #10

DUT: 100M Tablet Right – Aux Antenna

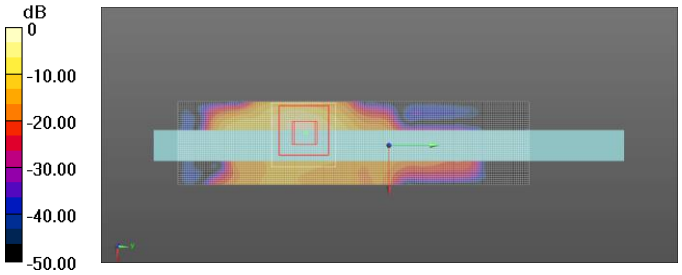
DASY5 Configuration:

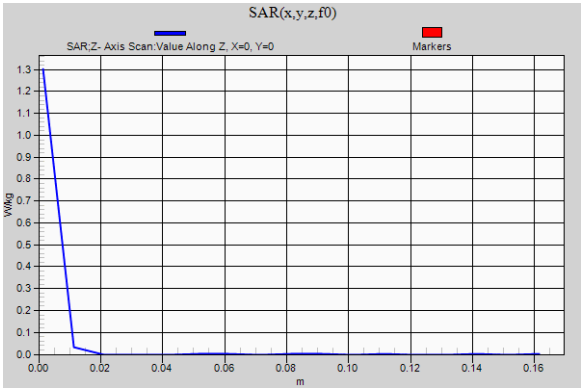
- Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5300 MHz;
- Probe: EX3DV4 - SN3812; ConvF(4.71, 4.9, 4.6) @ 5300 MHz; Calibrated: 2/26/2024
- Medium parameters used: f = 5300 MHz; σ = 4.433 S/m; ε_r = 33.864; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/19/2024
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

4-6GHz Body/Body Scan/Area Scan (81x171x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 6.005 V/m; Power Drift = 0.98 dB
Fast SAR: SAR(1 g) = 0.345 W/kg; SAR(10 g) = 0.101 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.932 W/kg

4-6GHz Body/Body Scan/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 6.005 V/m; Power Drift = 0.98 dB
Peak SAR (extrapolated) = 2.21 W/kg
SAR(1 g) = 0.431 W/kg; SAR(10 g) = 0.108 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 4.3 mm
Ratio of SAR at M2 to SAR at M1 = 50.4%
Maximum value of SAR (measured) = 1.19 W/kg

4-6GHz Body/Body Scan/Z- Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.30 W/kg





Test Laboratory: SGS SAR Laboratory North America

Date/Time: 4/1/2024 1:31:06 PM

Plot #11

DUT: 100M Tablet Right – Aux Antenna

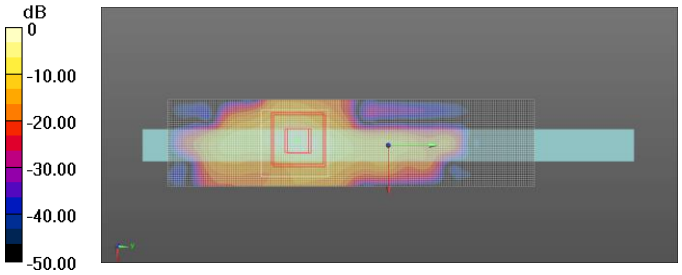
DASY5 Configuration:

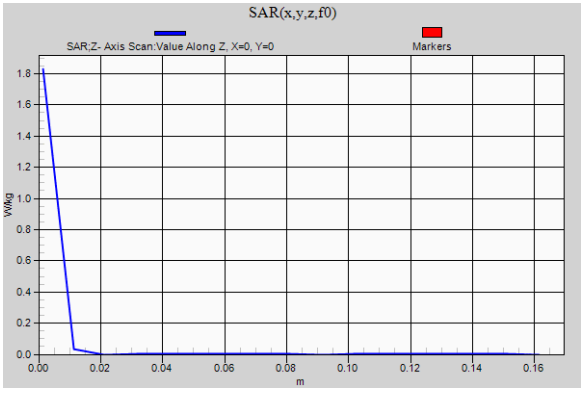
- Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5640 MHz;
- Probe: EX3DV4 - SN3812; ConvF(4.43, 4.55, 4.33) @ 5640 MHz; Calibrated: 2/26/2024
- Medium parameters used: f = 5640 MHz; σ = 4.76 S/m; ε_r = 33.314; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/19/2024
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

4-6GHz Body/Body Scan/Area Scan (81x171x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 13.61 V/m; Power Drift = 0.28 dB
Fast SAR: SAR(1 g) = 0.525 W/kg; SAR(10 g) = 0.129 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.79 W/kg

4-6GHz Body/Body Scan/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 13.61 V/m; Power Drift = 0.28 dB
Peak SAR (extrapolated) = 3.31 W/kg
SAR(1 g) = 0.574 W/kg; SAR(10 g) = 0.140 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 4.7 mm
Ratio of SAR at M2 to SAR at M1 = 48.5%
Maximum value of SAR (measured) = 1.61 W/kg

4-6GHz Body/Body Scan/Z- Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 1.83 W/kg





Test Laboratory: SGS SAR Laboratory North America

Date/Time: 3/29/2024 2:12:19 PM

Plot #12

DUT: 100M Tablet Right – Aux Antenna

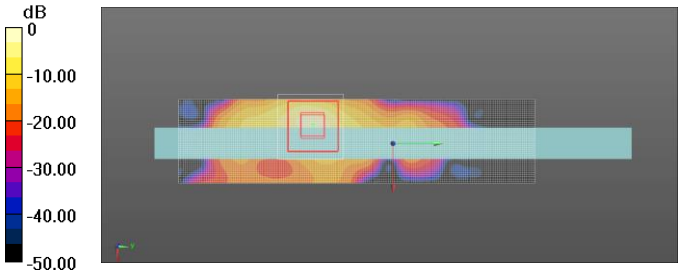
DASY5 Configuration:

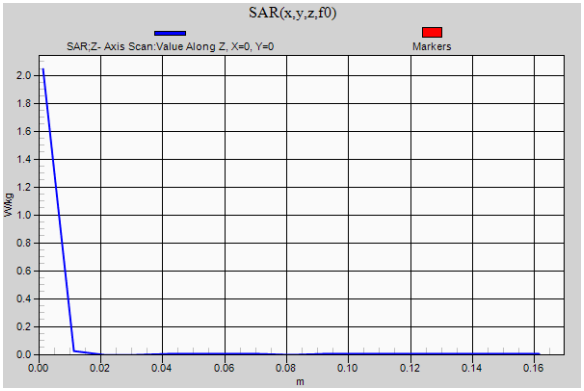
- Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5745 MHz;
- Probe: EX3DV4 - SN3812; ConvF(4.41, 4.55, 4.32) @ 5745 MHz; Calibrated: 2/26/2024
- Medium parameters used: f = 5745 MHz; σ = 4.747 S/m; ε_r = 32.12; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/19/2024
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

4-6GHz Body/Body Scan/Area Scan (81x171x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 6.798 V/m; Power Drift = 0.28 dB
Fast SAR: SAR(1 g) = 0.486 W/kg; SAR(10 g) = 0.138 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 1.41 W/kg

4-6GHz Body/Body Scan/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 6.798 V/m; Power Drift = 0.28 dB
Peak SAR (extrapolated) = 3.90 W/kg
SAR(1 g) = 0.632 W/kg; SAR(10 g) = 0.155 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 4.1 mm
Ratio of SAR at M2 to SAR at M1 = 44.2%
Maximum value of SAR (measured) = 1.94 W/kg

4-6GHz Body/Body Scan/Z- Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 2.04 W/kg





Test Laboratory: SGS SAR Laboratory North America

Date/Time: 4/12/2024 12:01:54 PM

Plot #13

DUT: 100M Tablet Right – Aux Antenna

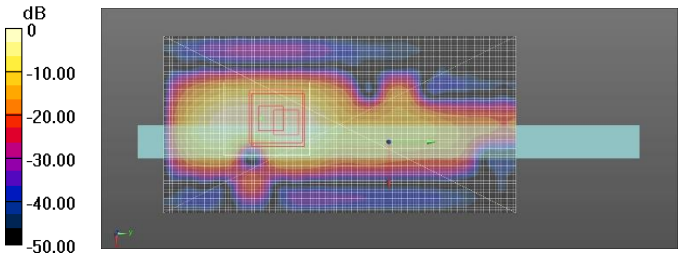
DASY5 Configuration:

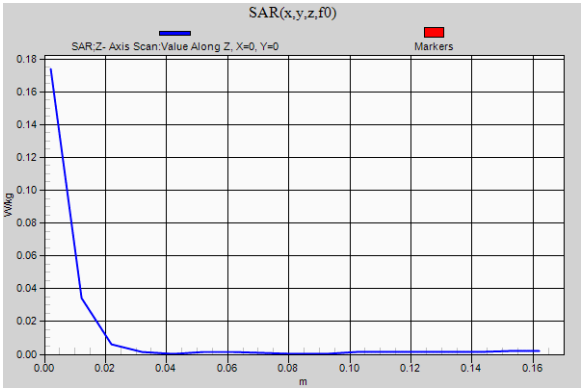
- Communication System: UID 10032 - CAA, IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2441 MHz;
- Probe: EX3DV4 - SN3812; ConvF(7.03, 7.39, 7.02) @ 2441 MHz; Calibrated: 2/26/2024
- Medium parameters used: f = 2441 MHz; σ = 1.743 S/m; ε_r = 37.166; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/19/2024
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

2-3GHz Body/Body Scan/Area Scan (61x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 3.862 V/m; Power Drift = 1.26 dB
Fast SAR: SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.043 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 0.187 W/kg

2-3GHz Body/Body Scan/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.862 V/m; Power Drift = 1.26 dB
Peak SAR (extrapolated) = 0.243 W/kg
SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.041 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 5 mm
Ratio of SAR at M2 to SAR at M1 = 46.1%
Maximum value of SAR (measured) = 0.170 W/kg

2-3GHz Body/Body Scan/Z- Axis Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm
Maximum value of SAR (measured) = 0.174 W/kg





APPENDIX C – SIMULTANEOUS TRANSMISSIONS

Test Laboratory: SGS SAR Laboratory North America

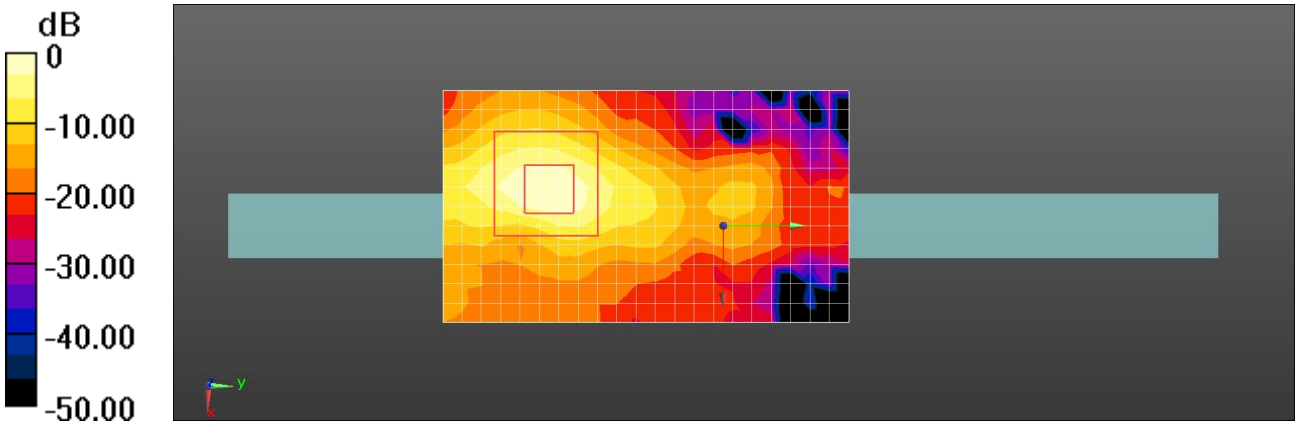
Date/Time: 5/3/2024 1:50:58 PM

DUT: 100M Tablet Right – Aux Antenna – Enlarged Zoom Scan

DASY5 Configuration:

- Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5745 MHz;
- Probe: EX3DV4 - SN3812; ConvF(4.41, 4.55, 4.32) @ 5745 MHz; Calibrated: 2/26/2024
- Medium parameters used: f = 5745 MHz; σ = 4.744 S/m; ε_r = 32.18; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/19/2024
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

4-6GHz Body/Body Scan/Zoom Scan (13x22x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 6.468 V/m; Power Drift = 0.61 dB
Peak SAR (extrapolated) = 3.34 W/kg
SAR(1 g) = 0.559 W/kg; SAR(10 g) = 0.136 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 4.1 mm
Ratio of SAR at M2 to SAR at M1 = 46.9%
Maximum value of SAR (measured) = 1.67 W/kg



Test Laboratory: SGS SAR Laboratory North America

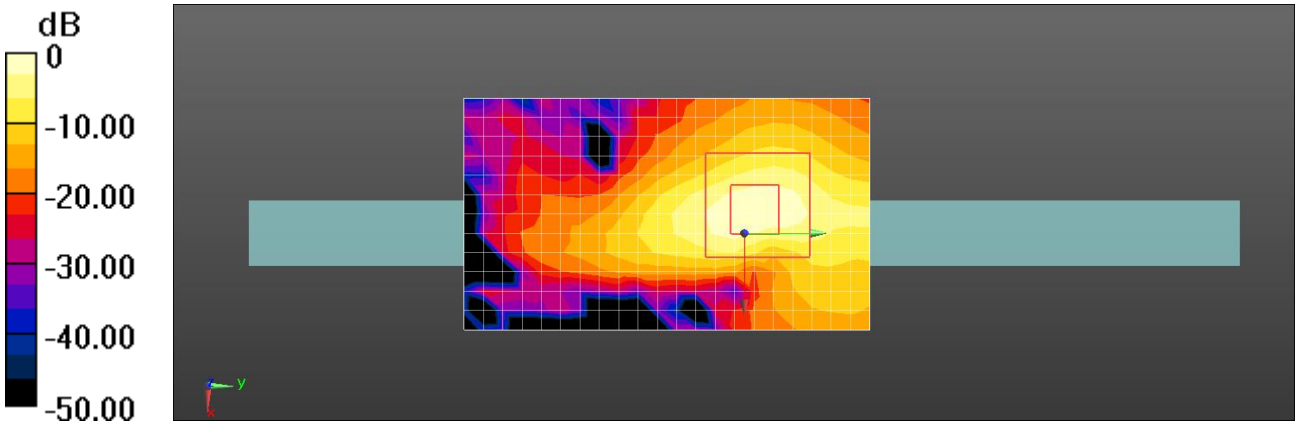
Date/Time: 5/6/2024 1:49:17 PM

DUT: 100M Tablet Right – Main Antenna – Enlarged Zoom Scan

DASY5 Configuration:

- Communication System: UID 10069 - CAC, IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps); Frequency: 5785 MHz;
- Probe: EX3DV4 - SN3812; ConvF(4.41, 4.55, 4.32) @ 5785 MHz; Calibrated: 2/26/2024
- Medium parameters used: f = 5785 MHz; σ = 4.877 S/m; ε_r = 32.335; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/19/2024
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

4-6GHz Body/Body Scan/Zoom Scan (13x22x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 19.81 V/m; Power Drift = 0.27 dB
Peak SAR (extrapolated) = 4.40 W/kg
SAR(1 g) = 0.827 W/kg; SAR(10 g) = 0.219 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 4.3 mm
Ratio of SAR at M2 to SAR at M1 = 46.9%
Maximum value of SAR (measured) = 2.42 W/kg



Test Laboratory: SGS SAR Laboratory North America

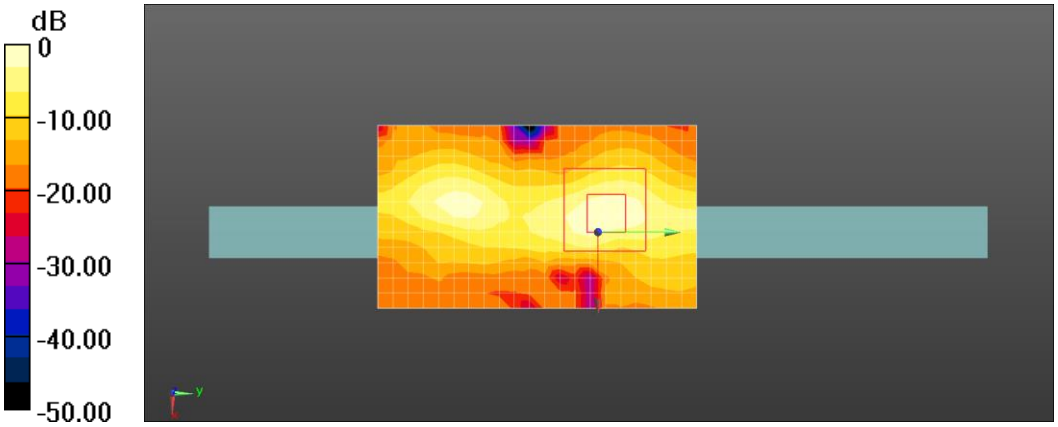
Date/Time: 5/6/2024 1:49:17 PM

Plot 14

DUT: 100M Tablet Right – Aux Antenna – 802.11a – UNIII-3 – 5745 MHz

DUT: 100M Tablet Right – Main Antenna – 802.11a – UNIII-3 – 5785 MHz

Multi Band Result:
SAR(1 g) = 0.996 W/kg; SAR(10 g) = 0.264 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 4.66 W/kg



Test Laboratory: SGS SAR Laboratory North America

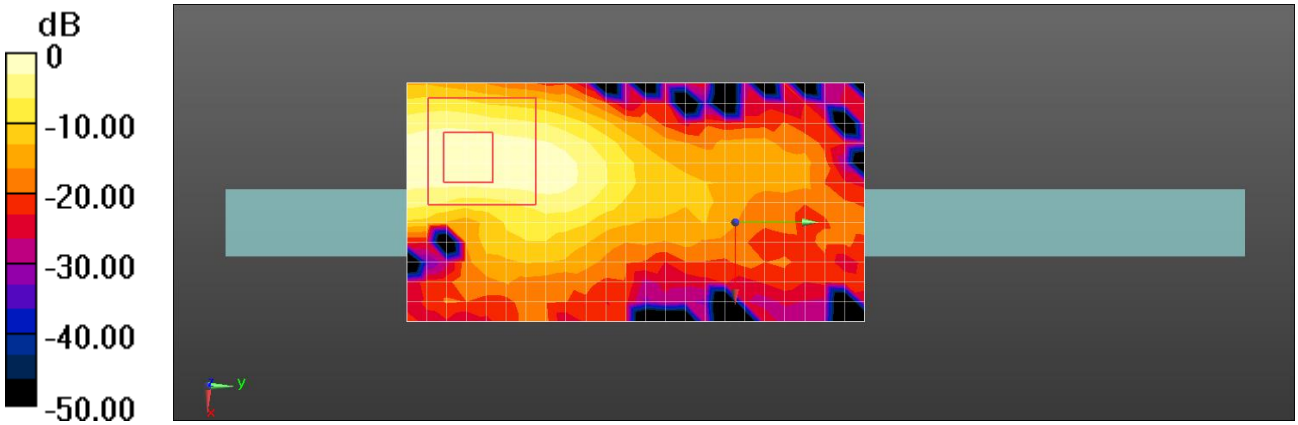
Date/Time: 5/8/2024 12:11:28 PM

DUT: 100M Tablet Right – Aux Antenna – Enlarged Zoom Scan

DASY5 Configuration:

- Communication System: UID 10032 - CAA, IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2441 MHz;
- Probe: EX3DV4 - SN3812; ConvF(7.03, 7.39, 7.02) @ 2441 MHz; Calibrated: 2/26/2024
- Medium parameters used: f = 2441 MHz; σ = 1.75 S/m; ε_r = 37.21; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/19/2024
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

4-6GHz Body/Body Scan/Zoom Scan (13x24x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.079 V/m; Power Drift = 0.30 dB
Peak SAR (extrapolated) = 0.207 W/kg
SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.034 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 5.6 mm
Ratio of SAR at M2 to SAR at M1 = 72.2%
Maximum value of SAR (measured) = 0.163 W/kg



Test Laboratory: SGS SAR Laboratory North America

Date/Time: 5/6/2024 1:49:17 PM

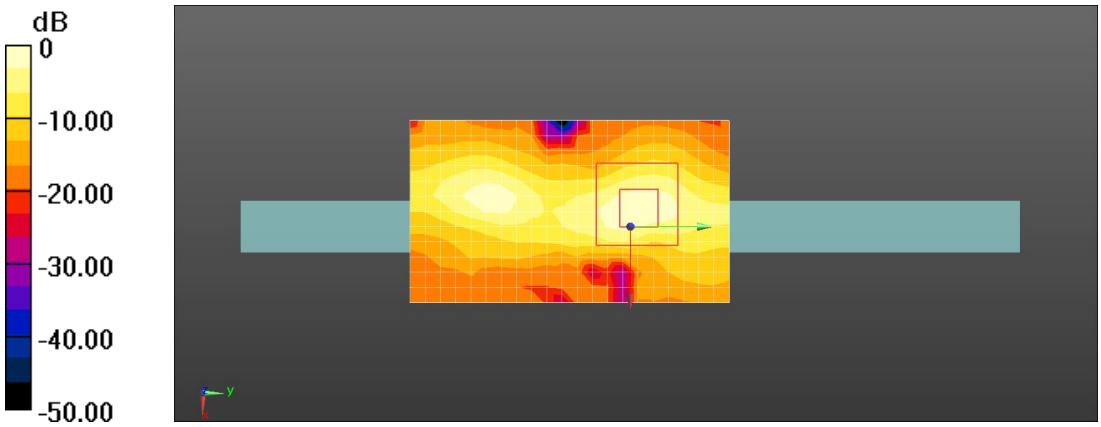
Plot 14

DUT: 100M Tablet Right – Aux Antenna – 802.11a – UNIII-3 – 5745 MHz

DUT: 100M Tablet Right – Main Antenna – 802.11a – UNIII-3 – 5785 MHz

DUT: 100M Tablet Right – Aux Antenna – Bluetooth 2441 MHz

Multi Band Result:
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.273 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 4.68 W/kg



PPENDIX D – SYSTEM VERIFCATION

Test Laboratory: SGS SAR Laboratory North America

Date/Time: 1/24/2024 9:32:03 AM

DUT: D2450V2 - SN890

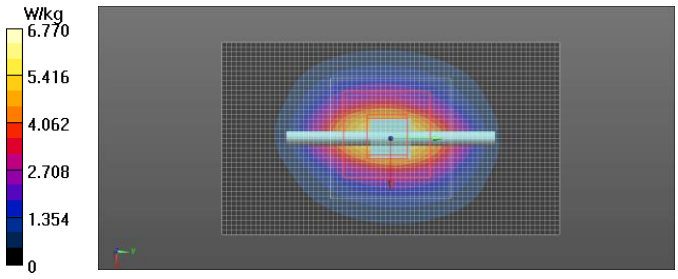
DASY5 Configuration:

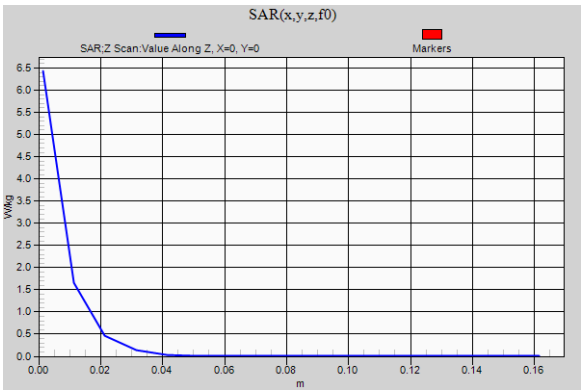
- Communication System: UID 0, CW (0); Frequency: 2450 MHz;
- Probe: EX3DV4 - SN3812; ConvF(7.29, 7.69, 7.09) @ 2450 MHz; Calibrated: 2/22/2023
- Medium parameters used: f = 2450 MHz; σ = 1.748 S/m; ε_r = 36.502; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/14/2023
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

System validation 2-3GHz/System verification/Dipole Area Scan 2 (41x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 63.99 V/m; Power Drift = -0.07 dB
Fast SAR: SAR(1 g) = 4.06 W/kg; SAR(10 g) = 1.82 W/kg
Maximum value of SAR (interpolated) = 6.77 W/kg

System validation 2-3GHz/System verification/0 degree Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 63.99 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 7.66 W/kg
SAR(1 g) = 3.89 W/kg; SAR(10 g) = 1.83 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 50.7%
Maximum value of SAR (measured) = 6.35 W/kg

System validation 2-3GHz/System verification/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm, Maximum value of SAR (measured) = 6.43 W/kg





Test Laboratory: SGS SAR Laboratory North America

Date/Time: 1/25/2024 10:32:25 AM

DUT: D2450V2 - SN890

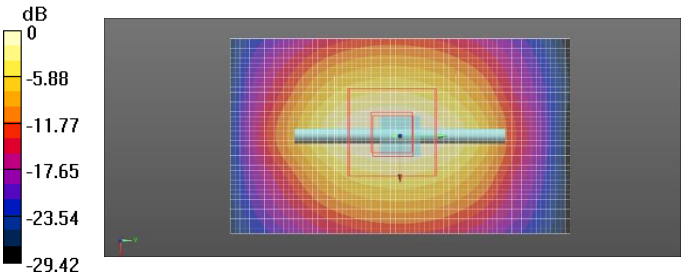
DASY5 Configuration:

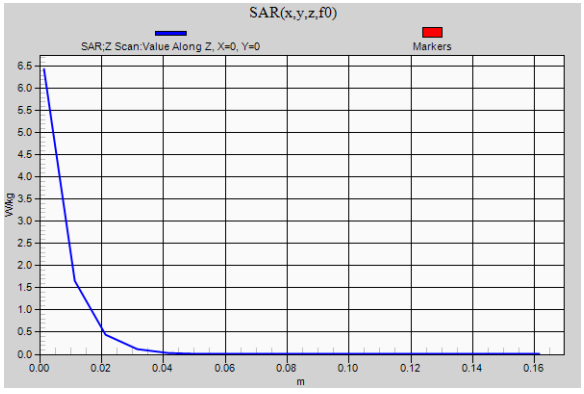
- Communication System: UID 0, CW (0); Frequency: 2450 MHz;
- Probe: EX3DV4 - SN3812; ConvF(7.29, 7.69, 7.09) @ 2450 MHz; Calibrated: 2/22/2023
- Medium parameters used: f = 2450 MHz; σ = 1.732 S/m; ε_r = 36.257; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/14/2023
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

System validation 2-3GHz/System verification/Dipole Area Scan 2 (41x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 64.32 V/m; Power Drift = -0.09 dB
Fast SAR: SAR(1 g) = 4.06 W/kg; SAR(10 g) = 1.81 W/kg
Maximum value of SAR (interpolated) = 6.72 W/kg

System validation 2-3GHz/System verification/0 degree Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 64.32 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 7.74 W/kg
SAR(1 g) = 3.92 W/kg; SAR(10 g) = 1.84 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 50.9%
Maximum value of SAR (measured) = 6.44 W/kg

System validation 2-3GHz/System verification/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm, Maximum value of SAR (measured) = 6.44 W/kg





Test Laboratory: SGS SAR Laboratory North America

Date/Time: 1/26/2024 9:29:57 AM

DUT: D2450V2 - SN890

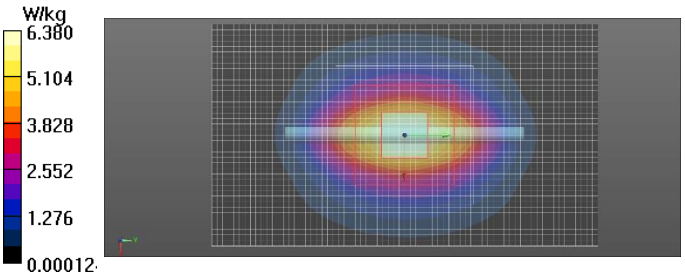
DASY5 Configuration:

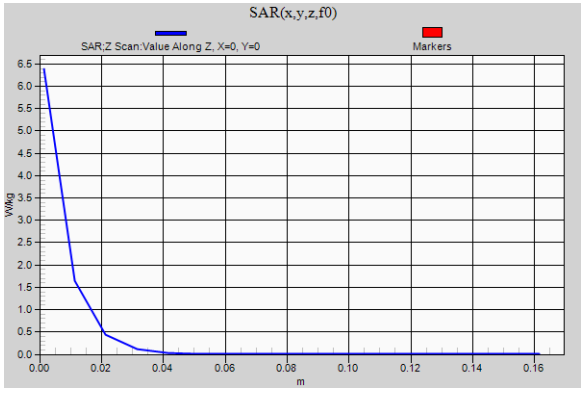
- Communication System: UID 0, CW (0); Frequency: 2450 MHz;
- Probe: EX3DV4 - SN3812; ConvF(7.29, 7.69, 7.09) @ 2450 MHz; Calibrated: 2/22/2023
- Medium parameters used: f = 2450 MHz; σ = 1.738 S/m; ε_r = 36.641; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/14/2023
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

System validation 2-3GHz/System verification/Dipole Area Scan 2 (41x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 64.14 V/m; Power Drift = -0.04 dB
Fast SAR: SAR(1 g) = 4.05 W/kg; SAR(10 g) = 1.81 W/kg
Maximum value of SAR (interpolated) = 6.74 W/kg

System validation 2-3GHz/System verification/0 degree Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 64.14 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 7.70 W/kg
SAR(1 g) = 3.88 W/kg; SAR(10 g) = 1.82 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 50.4%
Maximum value of SAR (measured) = 6.40 W/kg

System validation 2-3GHz/System verification/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm, Maximum value of SAR (measured) = 6.38 W/kg





Test Laboratory: SGS SAR Laboratory North America

Date/Time: 1/30/2024 9:28:20 AM

DUT: D2450V2 - SN890

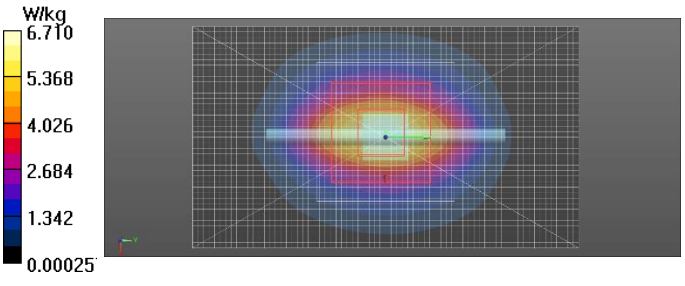
DASY5 Configuration:

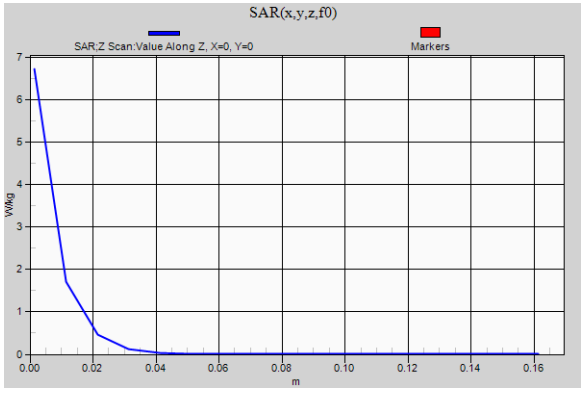
- Communication System: UID 0, CW (0); Frequency: 2450 MHz;
- Probe: EX3DV4 - SN3812; ConvF(7.29, 7.69, 7.09) @ 2450 MHz; Calibrated: 2/22/2023
- Medium parameters used: f = 2450 MHz; σ = 1.749 S/m; ε_r = 36.247; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/14/2023
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

System validation 2-3GHz/System verification/Dipole Area Scan 2 (41x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 63.95 V/m; Power Drift = -0.00 dB
Fast SAR: SAR(1 g) = 4.11 W/kg; SAR(10 g) = 1.84 W/kg
Maximum value of SAR (interpolated) = 6.83 W/kg

System validation 2-3GHz/System verification/0 degree Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 63.95 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 7.71 W/kg
SAR(1 g) = 3.91 W/kg; SAR(10 g) = 1.85 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 50.8%
Maximum value of SAR (measured) = 6.41 W/kg

System validation 2-3GHz/System verification/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm, Maximum value of SAR (measured) = 6.71 W/kg





Test Laboratory: SGS SAR Laboratory North America

Date/Time: 3/29/2024 10:55:39 AM

DUT: D5GHzV2 - SN1149

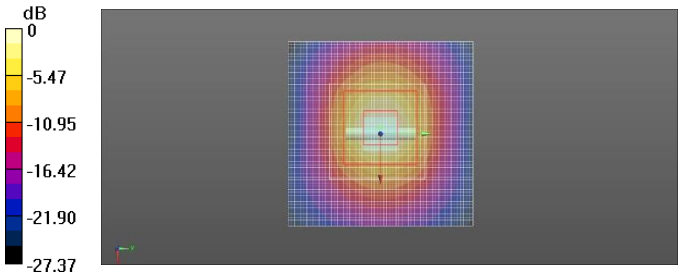
DASY5 Configuration:

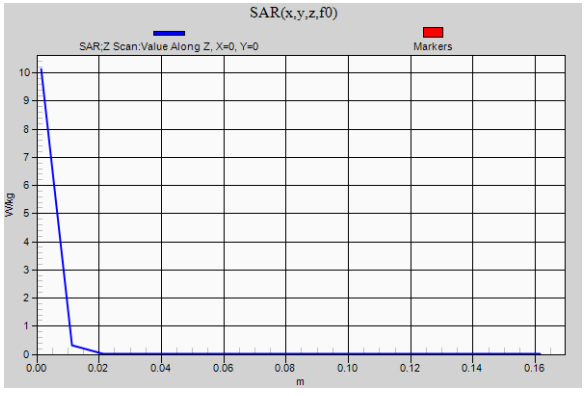
- Communication System: UID 0, CW (0); Frequency: 5800 MHz;
- Probe: EX3DV4 - SN3812; ConvF(4.41, 4.55, 4.32) @ 5800 MHz; Calibrated: 2/26/2024
- Medium parameters used: f = 5800 MHz; σ = 4.807 S/m; ε_r = 32.041; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/19/2024
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

System validation 4-6GHz/System verification/Dipole Area Scan 2 (61x61x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 50.18 V/m; Power Drift = -0.05 dB
Fast SAR: SAR(1 g) = 3.56 W/kg; SAR(10 g) = 0.988 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 10.0 W/kg

System validation 4-6GHz/System verification/0 degree Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 50.18 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 17.5 W/kg
SAR(1 g) = 3.76 W/kg; SAR(10 g) = 1.07 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 7.5 mm
Ratio of SAR at M2 to SAR at M1 = 61.2%
Maximum value of SAR (measured) = 9.98 W/kg

System validation 4-6GHz/System verification/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm, Maximum value of SAR (measured) = 10.1 W/kg





Test Laboratory: SGS SAR Laboratory North America

Date/Time: 3/31/2024 11:39:25 AM

DUT: D5GHzV2 - SN1149

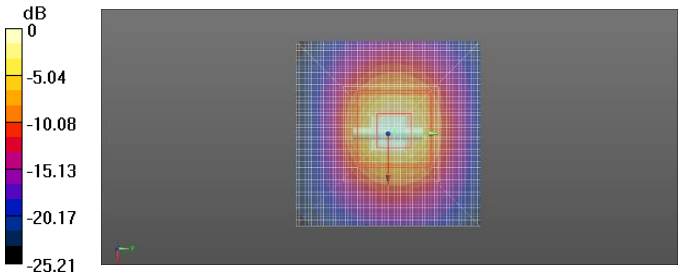
DASY5 Configuration:

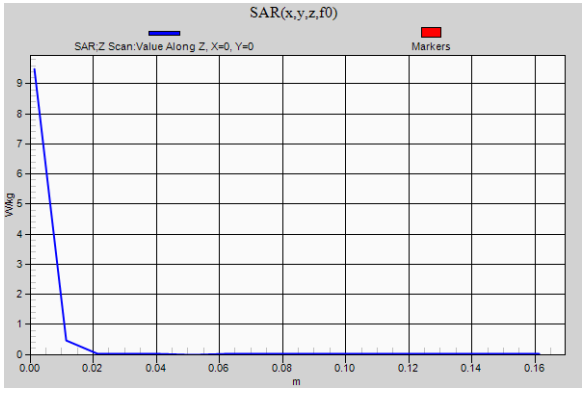
- Communication System: UID 0, CW (0); Frequency: 5200 MHz;
- Probe: EX3DV4 - SN3812; ConvF(4.71, 4.9, 4.6) @ 5200 MHz; Calibrated: 2/26/2024
- Medium parameters used: f = 5200 MHz; σ = 4.296 S/m; ε_r = 33.296; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/19/2024
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

System validation 4-6GHz/System verification/Dipole Area Scan 2 (61x61x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 51.31 V/m; Power Drift = -0.07 dB
Fast SAR: SAR(1 g) = 3.63 W/kg; SAR(10 g) = 0.992 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 9.58 W/kg

System validation 4-6GHz/System verification/0 degree Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 51.31 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 14.8 W/kg
SAR(1 g) = 3.74 W/kg; SAR(10 g) = 1.06 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 66.2%
Maximum value of SAR (measured) = 9.29 W/kg

System validation 4-6GHz/System verification/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm, Maximum value of SAR (measured) = 9.48 W/kg





Test Laboratory: SGS SAR Laboratory North America

Date/Time: 4/1/2024 8:19:41 AM

DUT: D5GHzV2 - SN1149

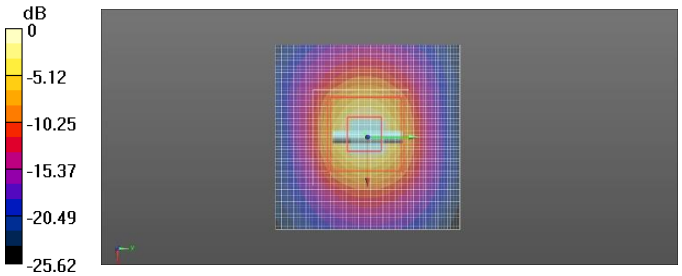
DASY5 Configuration:

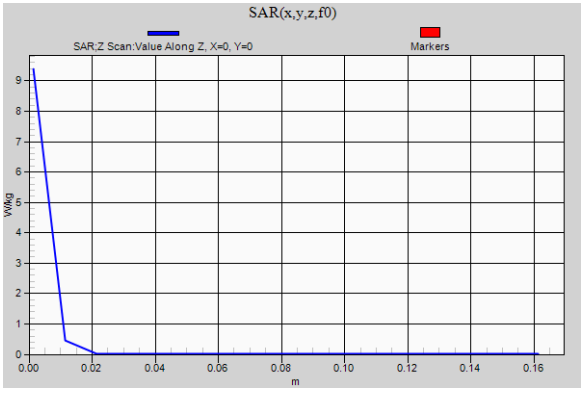
- Communication System: UID 0, CW (0); Frequency: 5200 MHz;
- Probe: EX3DV4 - SN3812; ConvF(4.71, 4.9, 4.6) @ 5200 MHz; Calibrated: 2/26/2024
- Medium parameters used: f = 5200 MHz; σ = 4.329 S/m; ε_r = 33.968; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/19/2024
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

System validation 4-6GHz/System verification/Dipole Area Scan 2 (61x61x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 50.57 V/m; Power Drift = -0.02 dB
Fast SAR: SAR(1 g) = 3.57 W/kg; SAR(10 g) = 0.979 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 9.39 W/kg

System validation 4-6GHz/System verification/0 degree Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 50.57 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 14.6 W/kg
SAR(1 g) = 3.7 W/kg; SAR(10 g) = 1.06 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 66.1%
Maximum value of SAR (measured) = 9.26 W/kg

System validation 4-6GHz/System verification/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm, Maximum value of SAR (measured) = 9.38 W/kg





Test Laboratory: SGS SAR Laboratory North America

Date/Time: 4/1/2024 9:08:49 AM

DUT: D5GHzV2 - SN1149

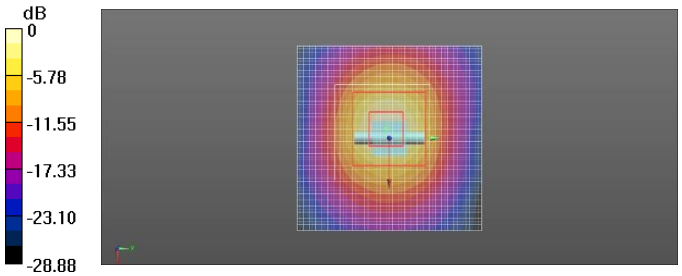
DASY5 Configuration:

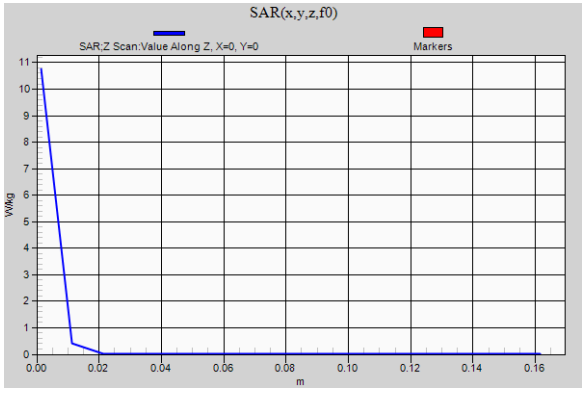
- Communication System: UID 0, CW (0); Frequency: 5600 MHz;
- Probe: EX3DV4 - SN3812; ConvF(4.43, 4.55, 4.33) @ 5600 MHz; Calibrated: 2/26/2024
- Medium parameters used: f = 5600 MHz; σ = 4.726 S/m; ε_r = 33.395; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/19/2024
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

System validation 4-6GHz/System verification/Dipole Area Scan 2 (61x61x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 51.95 V/m; Power Drift = -0.14 dB
Fast SAR: SAR(1 g) = 3.91 W/kg; SAR(10 g) = 1.09 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 10.7 W/kg

System validation 4-6GHz/System verification/0 degree Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 51.95 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 17.9 W/kg
SAR(1 g) = 4.07 W/kg; SAR(10 g) = 1.16 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 62.7%
Maximum value of SAR (measured) = 10.4 W/kg

System validation 4-6GHz/System verification/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm, Maximum value of SAR (measured) = 10.8 W/kg





Test Laboratory: SGS SAR Laboratory North America

Date/Time: 4/2/2024 8:33:14 AM

DUT: D5GHzV2 - SN1149

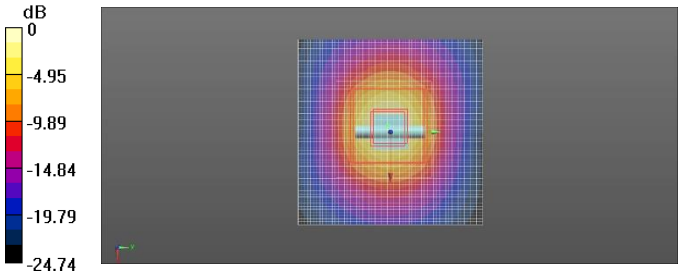
DASY5 Configuration:

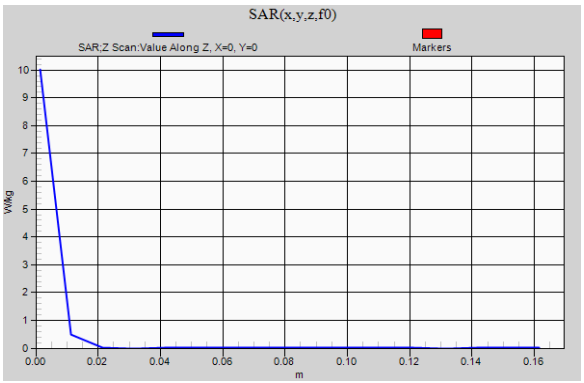
- Communication System: UID 0, CW (0); Frequency: 5200 MHz;
- Probe: EX3DV4 - SN3812; ConvF(4.71, 4.9, 4.6) @ 5200 MHz; Calibrated: 2/26/2024
- Medium parameters used: f = 5200 MHz; σ = 4.278 S/m; ε_r = 33.31; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/19/2024
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

System validation 4-6GHz/System verification/Dipole Area Scan 2 (61x61x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 52.41 V/m; Power Drift = -0.11 dB
Fast SAR: SAR(1 g) = 3.76 W/kg; SAR(10 g) = 1.03 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 9.89 W/kg

System validation 4-6GHz/System verification/0 degree Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 52.41 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 15.5 W/kg
SAR(1 g) = 3.94 W/kg; SAR(10 g) = 1.12 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 66.5%
Maximum value of SAR (measured) = 9.80 W/kg

System validation 4-6GHz/System verification/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm, Maximum value of SAR (measured) = 10.0 W/kg





Test Laboratory: SGS SAR Laboratory North America

Date/Time: 4/3/2024 8:41:18 AM

DUT: D5GHzV2 - SN1149

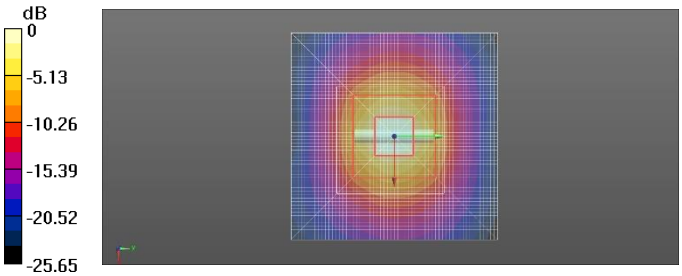
DASY5 Configuration:

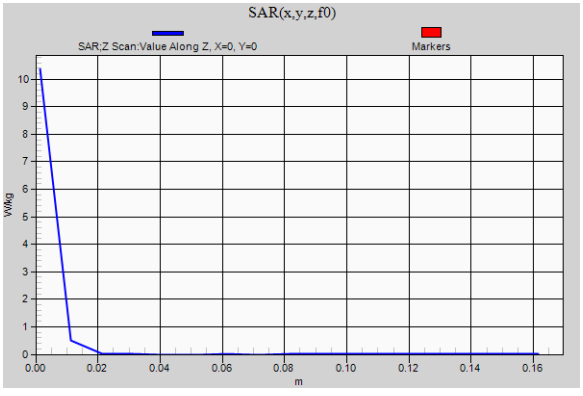
- Communication System: UID 0, CW (0); Frequency: 5200 MHz;
- Probe: EX3DV4 - SN3812; ConvF(4.71, 4.9, 4.6) @ 5200 MHz; Calibrated: 2/26/2024
- Medium parameters used: f = 5200 MHz; σ = 4.279 S/m; ε_r = 33.087; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/19/2024
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

System validation 4-6GHz/System verification/Dipole Area Scan 2 (61x61x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 53.49 V/m; Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 3.87 W/kg; SAR(10 g) = 1.06 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 10.2 W/kg

System validation 4-6GHz/System verification/0 degree Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 53.49 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 16.1 W/kg
SAR(1 g) = 4.01 W/kg; SAR(10 g) = 1.14 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 66.1%
Maximum value of SAR (measured) = 10.0 W/kg

System validation 4-6GHz/System verification/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm, Maximum value of SAR (measured) = 10.4 W/kg





Test Laboratory: SGS SAR Laboratory North America

Date/Time: 4/3/2024 9:36:02 AM

DUT: D5GHzV2 - SN1149

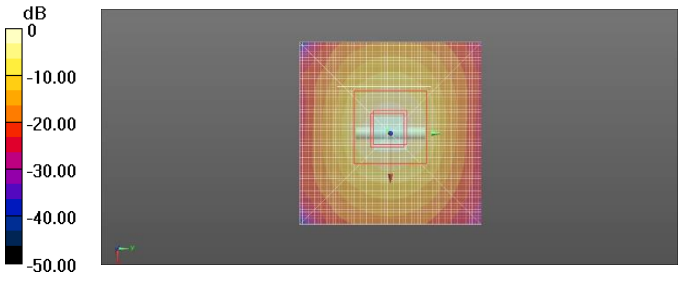
DASY5 Configuration:

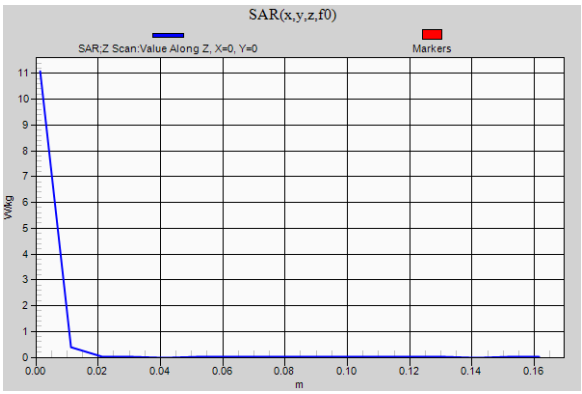
- Communication System: UID 0, CW (0); Frequency: 5600 MHz;
- Probe: EX3DV4 - SN3812; ConvF(4.43, 4.55, 4.33) @ 5600 MHz; Calibrated: 2/26/2024
- Medium parameters used: f = 5600 MHz; σ = 4.664 S/m; ε_r = 32.509; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/19/2024
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

System validation 4-6GHz/System verification/Dipole Area Scan 2 (61x61x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 52.71 V/m; Power Drift = -0.01 dB
Fast SAR: SAR(1 g) = 3.92 W/kg; SAR(10 g) = 1.08 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 10.8 W/kg

System validation 4-6GHz/System verification/0 degree Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 52.71 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 18.2 W/kg
SAR(1 g) = 4.14 W/kg; SAR(10 g) = 1.17 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 62.8%
Maximum value of SAR (measured) = 10.9 W/kg

System validation 4-6GHz/System verification/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm, Maximum value of SAR (measured) = 11.1 W/kg





Test Laboratory: SGS SAR Laboratory North America

Date/Time: 4/4/2024 10:06:02 AM

DUT: D5GHzV2 - SN1149

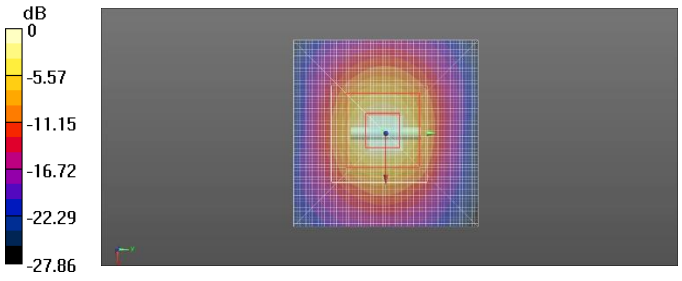
DASY5 Configuration:

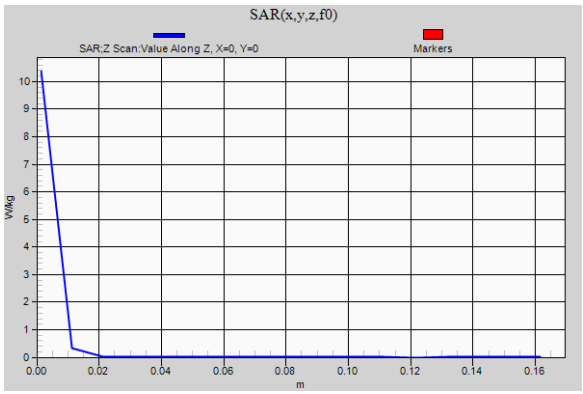
- Communication System: UID 0, CW (0); Frequency: 5800 MHz;
- Probe: EX3DV4 - SN3812; ConvF(4.41, 4.55, 4.32) @ 5800 MHz; Calibrated: 2/26/2024
- Medium parameters used: f = 5800 MHz; σ = 4.985 S/m; ε_r = 31.806; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/19/2024
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

System validation 4-6GHz/System verification/Dipole Area Scan 2 (61x61x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 49.91 V/m; Power Drift = 0.01 dB
Fast SAR: SAR(1 g) = 3.65 W/kg; SAR(10 g) = 0.998 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 10.3 W/kg

System validation 4-6GHz/System verification/0 degree Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 49.91 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 17.8 W/kg
SAR(1 g) = 3.82 W/kg; SAR(10 g) = 1.08 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 61.3%
Maximum value of SAR (measured) = 9.85 W/kg

System validation 4-6GHz/System verification/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm, Maximum value of SAR (measured) = 10.4 W/kg





Test Laboratory: SGS SAR Laboratory North America

Date/Time: 4/5/2024 8:23:01 AM

DUT: D5GHzV2 - SN1149

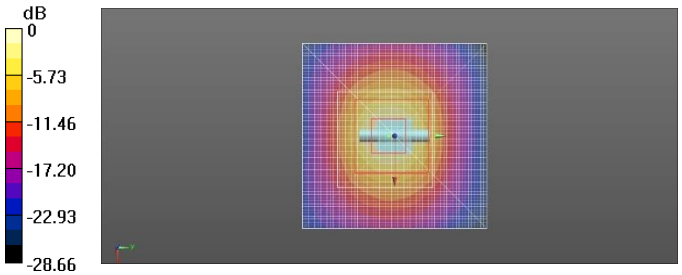
DASY5 Configuration:

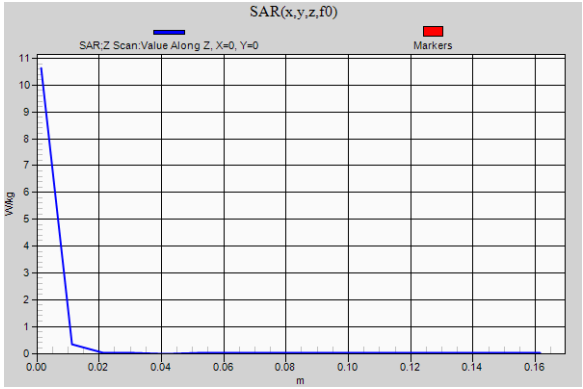
- Communication System: UID 0, CW (0); Frequency: 5800 MHz;
- Probe: EX3DV4 - SN3812; ConvF(4.41, 4.55, 4.32) @ 5800 MHz; Calibrated: 2/26/2024
- Medium parameters used: f = 5800 MHz; σ = 4.955 S/m; ε_r = 32.375; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/19/2024
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

System validation 4-6GHz/System verification/Dipole Area Scan 2 (61x61x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 50.48 V/m; Power Drift = -0.00 dB
Fast SAR: SAR(1 g) = 3.72 W/kg; SAR(10 g) = 1.02 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 10.4 W/kg

System validation 4-6GHz/System verification/0 degree Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 50.48 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 17.9 W/kg
SAR(1 g) = 3.91 W/kg; SAR(10 g) = 1.11 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 7.5 mm
Ratio of SAR at M2 to SAR at M1 = 61.5%
Maximum value of SAR (measured) = 10.2 W/kg

System validation 4-6GHz/System verification/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm, Maximum value of SAR (measured) = 10.6 W/kg





Test Laboratory: SGS SAR Laboratory North America

Date/Time: 4/5/2024 9:14:49 AM

DUT: D5GHzV2 - SN1149

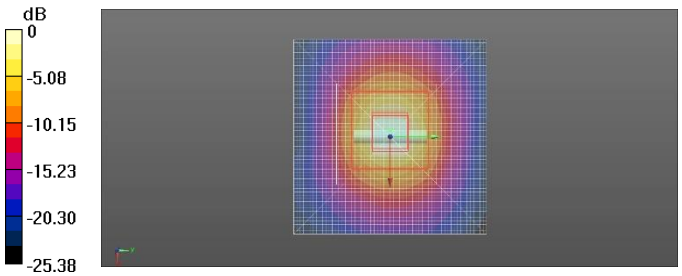
DASY5 Configuration:

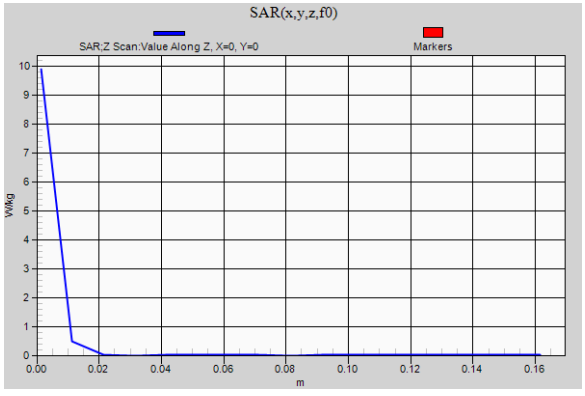
- Communication System: UID 0, CW (0); Frequency: 5200 MHz;
- Probe: EX3DV4 - SN3812; ConvF(4.71, 4.9, 4.6) @ 5200 MHz; Calibrated: 2/26/2024
- Medium parameters used: f = 5200 MHz; σ = 4.358 S/m; ε_r = 33.383; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/19/2024
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

System validation 4-6GHz/System verification/Dipole Area Scan 2 (61x61x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 51.59 V/m; Power Drift = 0.02 dB
Fast SAR: SAR(1 g) = 3.75 W/kg; SAR(10 g) = 1.03 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 9.84 W/kg

System validation 4-6GHz/System verification/0 degree Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 51.59 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 15.5 W/kg
SAR(1 g) = 3.88 W/kg; SAR(10 g) = 1.1 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 66.1%
Maximum value of SAR (measured) = 9.47 W/kg

System validation 4-6GHz/System verification/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm, Maximum value of SAR (measured) = 9.90 W/kg





Test Laboratory: SGS SAR Laboratory North America

Date/Time: 4/10/2024 8:52:43 AM

DUT: D5GHzV2 - SN1149

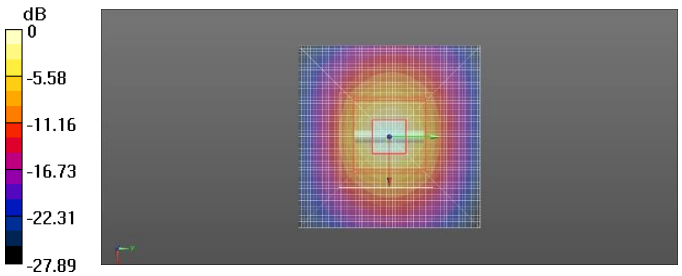
DASY5 Configuration:

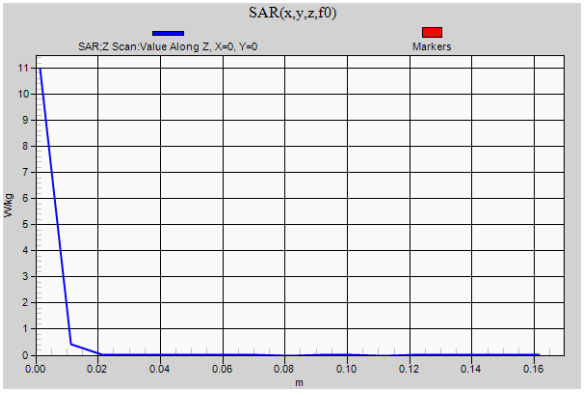
- Communication System: UID 0, CW (0); Frequency: 5600 MHz;
- Probe: EX3DV4 - SN3812; ConvF(4.43, 4.55, 4.33) @ 5600 MHz; Calibrated: 2/26/2024
- Medium parameters used: f = 5600 MHz; σ = 4.72 S/m; ε_r = 32.703; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/19/2024
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

System validation 4-6GHz/System verification/Dipole Area Scan 2 (61x61x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 52.07 V/m; Power Drift = -0.02 dB
Fast SAR: SAR(1 g) = 3.94 W/kg; SAR(10 g) = 1.08 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 10.9 W/kg

System validation 4-6GHz/System verification/0 degree Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 52.07 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 18.1 W/kg
SAR(1 g) = 4.13 W/kg; SAR(10 g) = 1.17 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 63%
Maximum value of SAR (measured) = 10.7 W/kg

System validation 4-6GHz/System verification/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm, Maximum value of SAR (measured) = 10.9 W/kg





Test Laboratory: SGS SAR Laboratory North America

Date/Time: 4/10/2024 12:53:52 PM

DUT: D5GHzV2 - SN1149

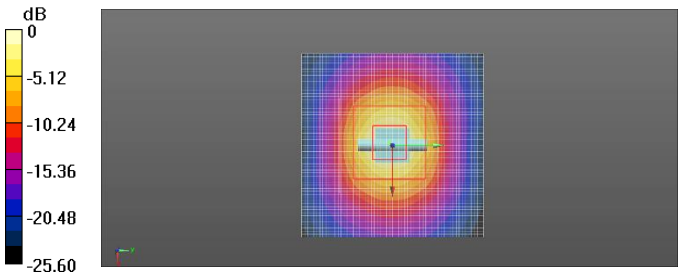
DASY5 Configuration:

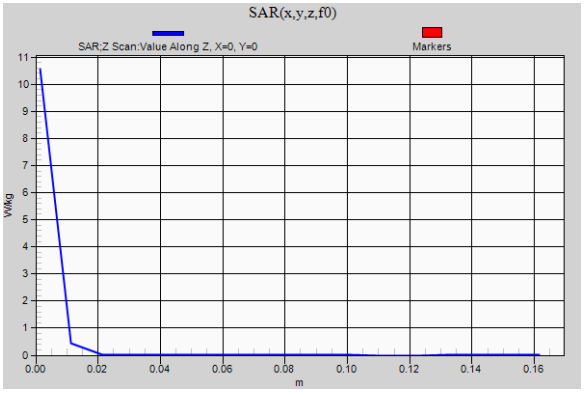
- Communication System: UID 0, CW (0); Frequency: 5500 MHz;
- Probe: EX3DV4 - SN3812; ConvF(4.51, 4.65, 4.42) @ 5500 MHz; Calibrated: 2/26/2024
- Medium parameters used: f = 5500 MHz; σ = 4.628 S/m; ε_r = 32.873; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/19/2024
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

System validation 4-6GHz/System verification/Dipole Area Scan 2 (61x61x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 52.37 V/m; Power Drift = 0.03 dB
Fast SAR: SAR(1 g) = 3.85 W/kg; SAR(10 g) = 1.05 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 10.5 W/kg

System validation 4-6GHz/System verification/0 degree Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 52.37 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 17.0 W/kg
SAR(1 g) = 4.08 W/kg; SAR(10 g) = 1.16 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 64.7%
Maximum value of SAR (measured) = 10.3 W/kg

System validation 4-6GHz/System verification/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm, Maximum value of SAR (measured) = 10.5 W/kg





Test Laboratory: SGS SAR Laboratory North America

Date/Time: 4/12/2024 10:29:12 AM

DUT: D2450V2 - SN890

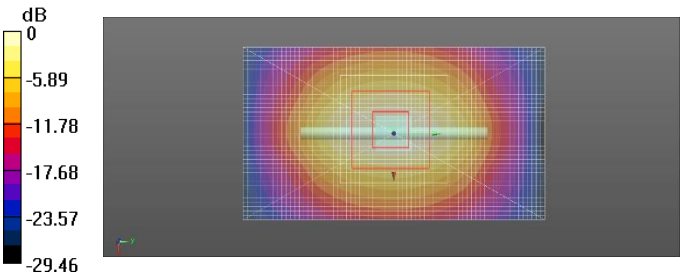
DASY5 Configuration:

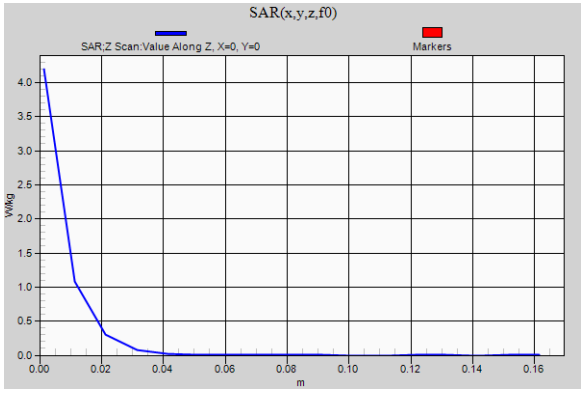
- Communication System: UID 0, CW (0); Frequency: 2450 MHz;
- Probe: EX3DV4 - SN3812; ConvF(7.03, 7.39, 7.02) @ 2450 MHz; Calibrated: 2/26/2024
- Medium parameters used: f = 2450 MHz; σ = 1.749 S/m; ε_r = 37.152; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/19/2024
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

System validation 2-3GHz/System verification/Dipole Area Scan 2 (41x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 51.67 V/m; Power Drift = -0.06 dB
Fast SAR: SAR(1 g) = 2.67 W/kg; SAR(10 g) = 1.19 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 4.45 W/kg

System validation 2-3GHz/System verification/0 degree Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 51.67 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 5.09 W/kg
SAR(1 g) = 2.57 W/kg; SAR(10 g) = 1.2 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 50.7%
Maximum value of SAR (measured) = 4.22 W/kg

System validation 2-3GHz/System verification/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm, Maximum value of SAR (measured) = 4.19 W/kg





Test Laboratory: SGS SAR Laboratory North America

Date/Time: 5/3/2024 10:41:33 AM

DUT: D5GHzV2 - SN1149

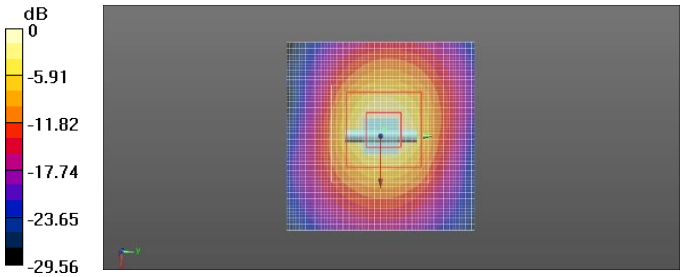
DASY5 Configuration:

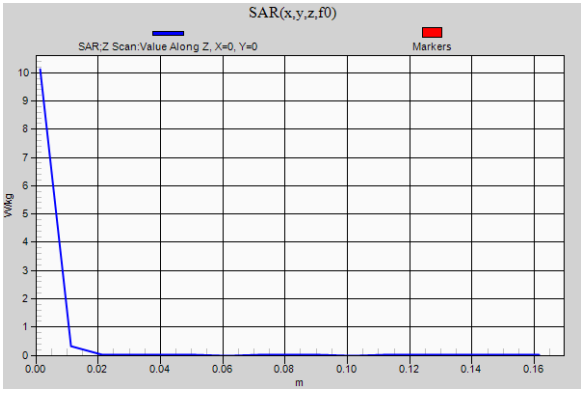
- Communication System: UID 0, CW (0); Frequency: 5800 MHz;
- Probe: EX3DV4 - SN3812; ConvF(4.41, 4.55, 4.32) @ 5800 MHz; Calibrated: 2/26/2024
- Medium parameters used: f = 5800 MHz; σ = 4.798 S/m; ε_r = 32.072; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/19/2024
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

System validation 4-6GHz/System verification/Dipole Area Scan 2 (61x61x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 50.53 V/m; Power Drift = -0.04 dB
Fast SAR: SAR(1 g) = 3.59 W/kg; SAR(10 g) = 0.994 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 10.1 W/kg

System validation 4-6GHz/System verification/0 degree Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 50.53 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 17.1 W/kg
SAR(1 g) = 3.79 W/kg; SAR(10 g) = 1.08 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 7.5 mm
Ratio of SAR at M2 to SAR at M1 = 62%
Maximum value of SAR (measured) = 9.83 W/kg

System validation 4-6GHz/System verification/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm, Maximum value of SAR (measured) = 10.1 W/kg





Test Laboratory: SGS SAR Laboratory North America

Date/Time: 5/6/2024 10:14:52 AM

DUT: D5GHzV2 - SN1149

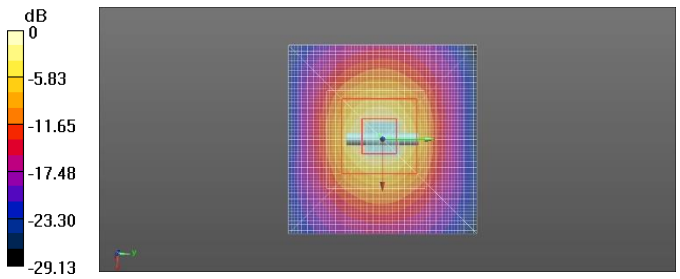
DASY5 Configuration:

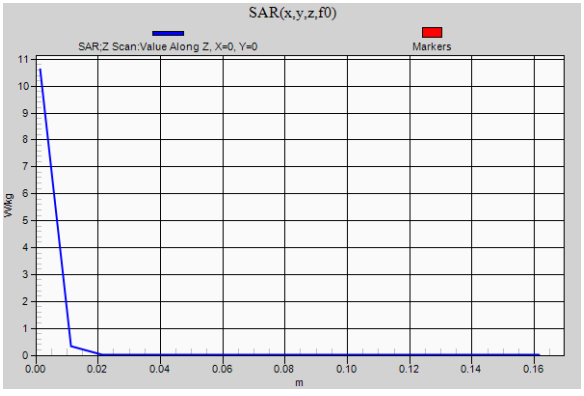
- Communication System: UID 0, CW (0); Frequency: 5800 MHz;
- Probe: EX3DV4 - SN3812; ConvF(4.41, 4.55, 4.32) @ 5800 MHz; Calibrated: 2/26/2024
- Medium parameters used: f = 5800 MHz; σ = 4.893 S/m; ε_r = 32.313; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/19/2024
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

System validation 4-6GHz/System verification/Dipole Area Scan 2 (61x61x1): Interpolated grid: dx=0.9000 mm, dy=0.9000 mm
Reference Value = 50.66 V/m; Power Drift = 0.11 dB
Fast SAR: SAR(1 g) = 3.69 W/kg; SAR(10 g) = 1.01 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 10.5 W/kg

System validation 4-6GHz/System verification/0 degree Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 50.66 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 18.1 W/kg
SAR(1 g) = 3.99 W/kg; SAR(10 g) = 1.13 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 61.7%
Maximum value of SAR (measured) = 10.2 W/kg

System validation 4-6GHz/System verification/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm, Maximum value of SAR (measured) = 10.6 W/kg





Test Laboratory: SGS SAR Laboratory North America

Date/Time: 5/8/2024 8:56:46 AM

DUT: D2450V2 - SN890

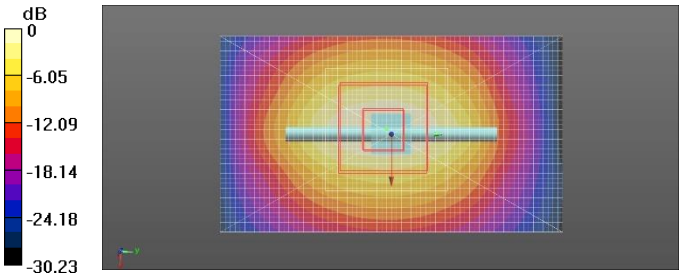
DASY5 Configuration:

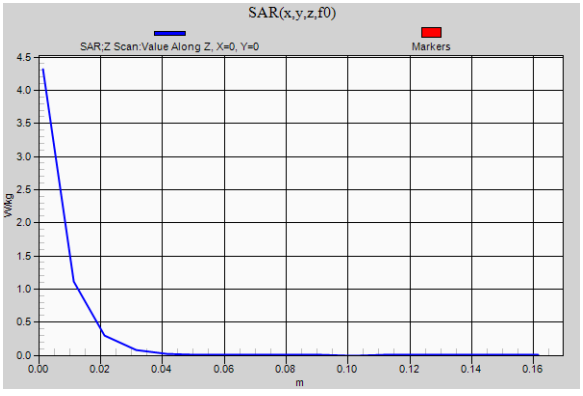
- Communication System: UID 0, CW (0); Frequency: 2450 MHz;
- Probe: EX3DV4 - SN3812; ConvF(7.03, 7.39, 7.02) @ 2450 MHz; Calibrated: 2/26/2024
- Medium parameters used: f = 2450 MHz; σ = 1.756 S/m; ε_r = 37.197; ρ = 1000 kg/m^3 ; Phantom: ELI v5.0; Phantom section: Flat Section
- Electronics: DAE4 Sn1287; Calibrated: 2/19/2024
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

System validation 2-3GHz/System verification/Dipole Area Scan 2 (41x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Reference Value = 52.34 V/m; Power Drift = 0.02 dB
Fast SAR: SAR(1 g) = 2.73 W/kg; SAR(10 g) = 1.22 W/kg (SAR corrected for target medium)
Maximum value of SAR (interpolated) = 4.53 W/kg

System validation 2-3GHz/System verification/0 degree Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 52.34 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 5.19 W/kg
SAR(1 g) = 2.62 W/kg; SAR(10 g) = 1.23 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 50.7%
Maximum value of SAR (measured) = 4.31 W/kg

System validation 2-3GHz/System verification/Z Scan (1x1x17): Measurement grid: dx=20mm, dy=20mm, dz=10mm, Maximum value of SAR (measured) = 4.32 W/kg





REVISON HISTORY

Revision Level	Description of changes	Revision Date
0	Initial release	23 August 2024