

12.2. System Check Plots

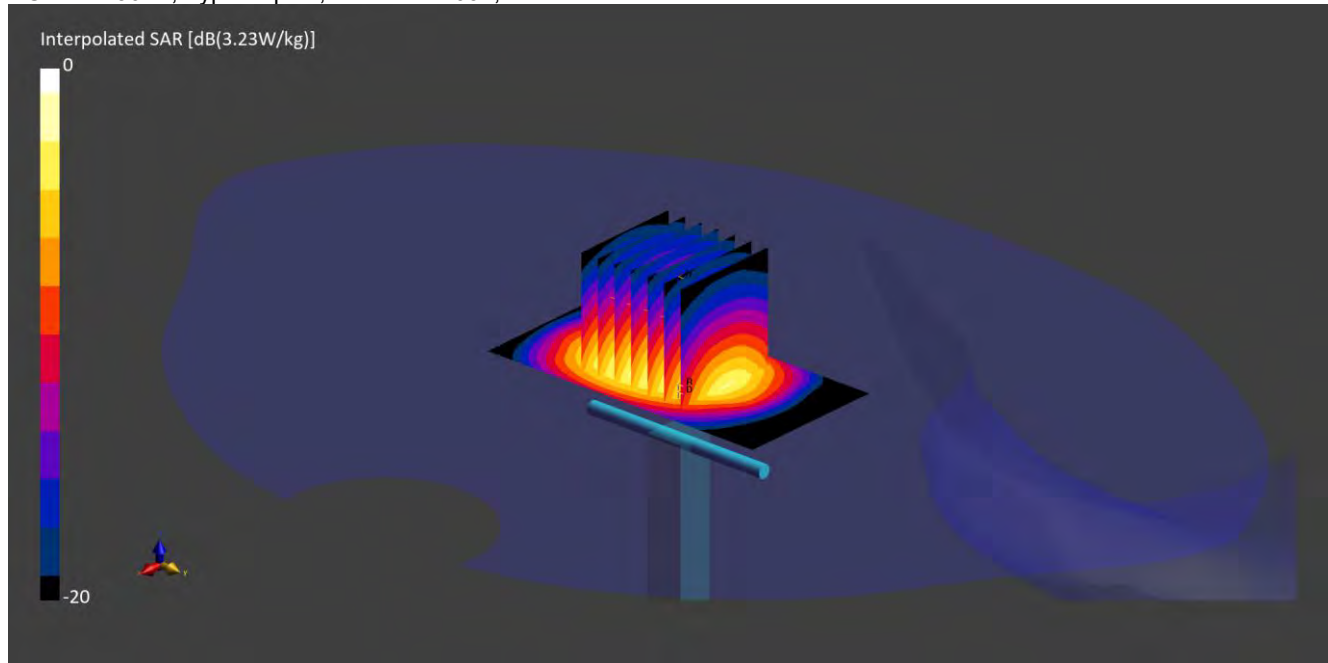
This appendix contains the following system performance distributions plot

Scan Reference Number	Title
SYS/001	Site66_12May23_2450_HSL
SYS/002	Site66_18May23_2450_HSL
SYS/003	Site66_19May23_2450_HSL
SYS/004	Site67_17May23_2450_HSL
SYS/005	Site67_19May23_2450_HSL

SYS/001: Site66_12May23_2450_HSL

Date: 12 May 2023

DUT: D2450V2; Type: Dipole; Serial: SN1097;



Communication System: CW UID: 0; Frequency: 2450.0 MHz; Duty Cycle: 1;
 Medium: HSL; Site66_12May2023_055610_Head - 750 900 1800 1900 2450 2600 5%.prn; Medium parameters used: $f = 2450.0$ MHz; $\sigma = 1.82$ S/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³; $\Delta\epsilon_r = -2.51$ %; $\Delta\sigma = 0.97$ %; No correction

Phantom section: Flat;

DASY 6 Configuration:

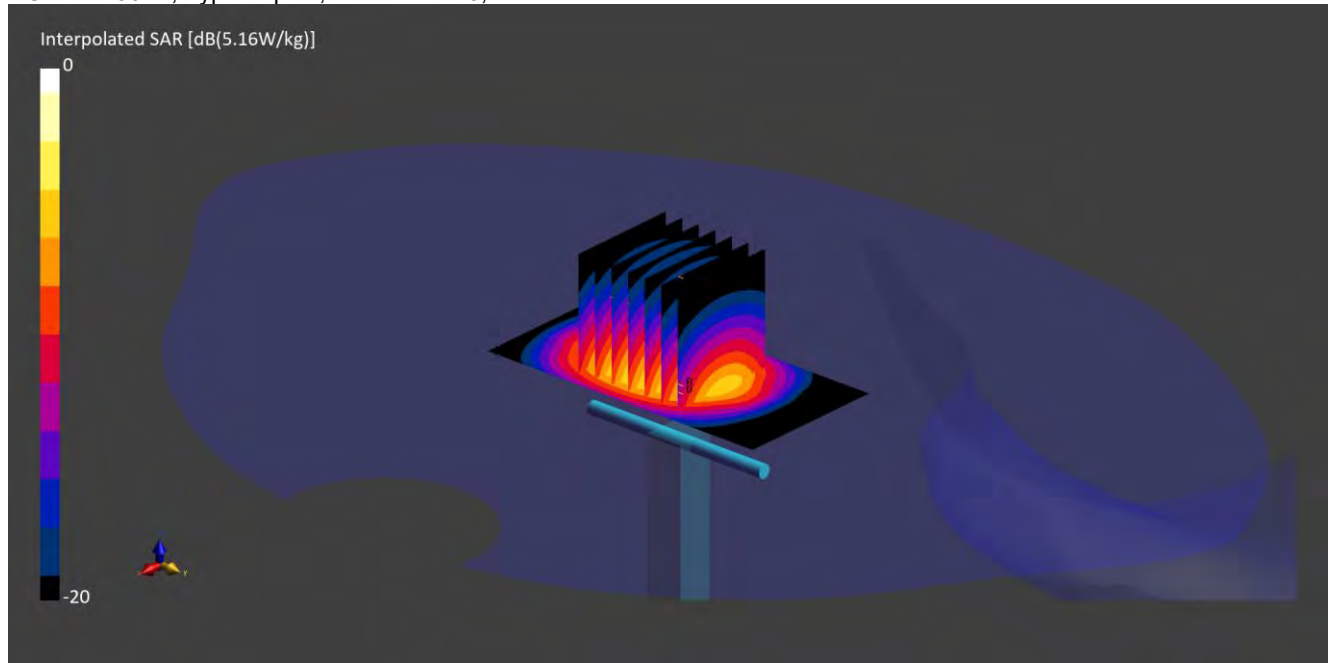
- Probe: EX3DV4 - SN7788; ConvF(6.67, 6.56, 6.3); Calibrated: 03 Feb 2023
- Sensor-Surface: 1.4 mm; VMS + 6p
- Electronics: DAE4ip - SN1792; Calibrated: 03 Apr 2023
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2128
- Measurement SW: cDASY16.2.2.1588

Area Scan (40x80): Interpolated grid: $dx=10$ mm, $dy=10$ mm**Zoom Scan1(30x30x30):** Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=1.5$ mm; Grading Ratio: 1.5; Reference Value = 1.880 V/m; Power Drift = 0.04 dB**SAR(1 g) = 2.560 W/kg; SAR(10 g) = 1.200 W/kg**

SYS/002: Site66_18May23_2450_HSL

Date: 18 May 2023

DUT: D2450V2; Type: Dipole; Serial: SN725;



Communication System: CW UID: 0; Frequency: 2450.0 MHz; Duty Cycle: 1;
 Medium: HSL; Site66_16May2023_022527_Head - 750 900 1800 1900 2300 2600 5% 2000%.prn; Medium parameters
 used: $f = 2450.0$ MHz; $\sigma = 1.81$ S/m; $\epsilon_r = 38$; $\rho = 1000$ kg/m³; $\Delta\epsilon_r = -2.97$ %; $\Delta\sigma = 0.37$ %; No correction

Phantom section: Flat;

DASY 6 Configuration:

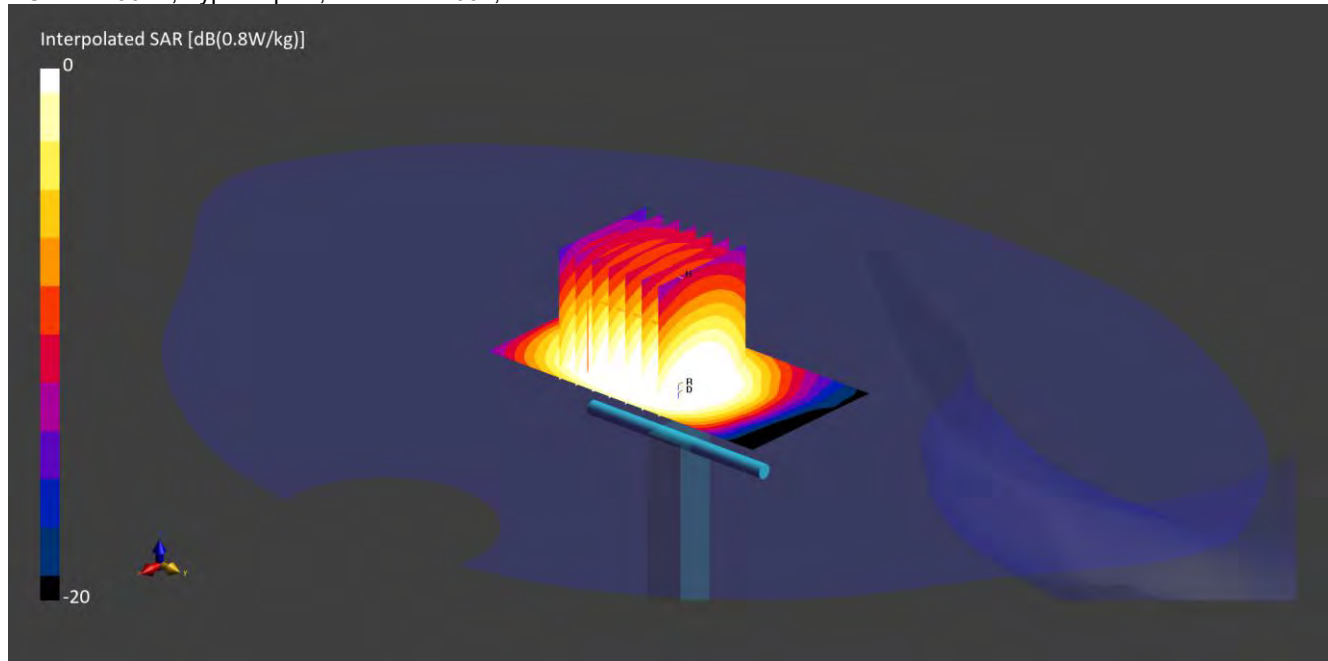
- Probe: EX3DV4 - SN7788; ConvF(6.67, 6.56, 6.3); Calibrated: 03 Feb 2023
- Sensor-Surface: 1.4 mm; VMS + 6p
- Electronics: DAE4ip - SN1792; Calibrated: 03 Apr 2023
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2128
- Measurement SW: cDASY16.2.2.1588

Area Scan (40x80): Interpolated grid: $dx=10$ mm, $dy=10$ mm**Zoom Scan1(30x30x30):** Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=1.5$ mm; Grading Ratio: 1.5; Reference Value = 1.910 V/m; Power Drift = -0.05 dB**SAR(1 g) = 2.520 W/kg; SAR(10 g) = 1.180 W/kg**

SYS/003: Site66_19May23_2450_HSL

Date: 19 May 2023

DUT: D2450V2; Type: Dipole; Serial: SN1097;



Communication System: CW UID: 0; Frequency: 2450.0 MHz; Duty Cycle: 1;
Medium: HSL; Site66_19May2023_180638_Head - 900 1800 1900 2300 2450 2600 5% 2000 10%.prn; Medium parameters used: $f = 2450.0$ MHz; $\sigma = 1.81$ S/m; $\epsilon_r = 37.5$; $\rho = 1000$ kg/m³; $\Delta\epsilon_r = -4.27$ %; $\Delta\sigma = 0.56$ %; No correction

Phantom section: Flat;

DASY 6 Configuration:

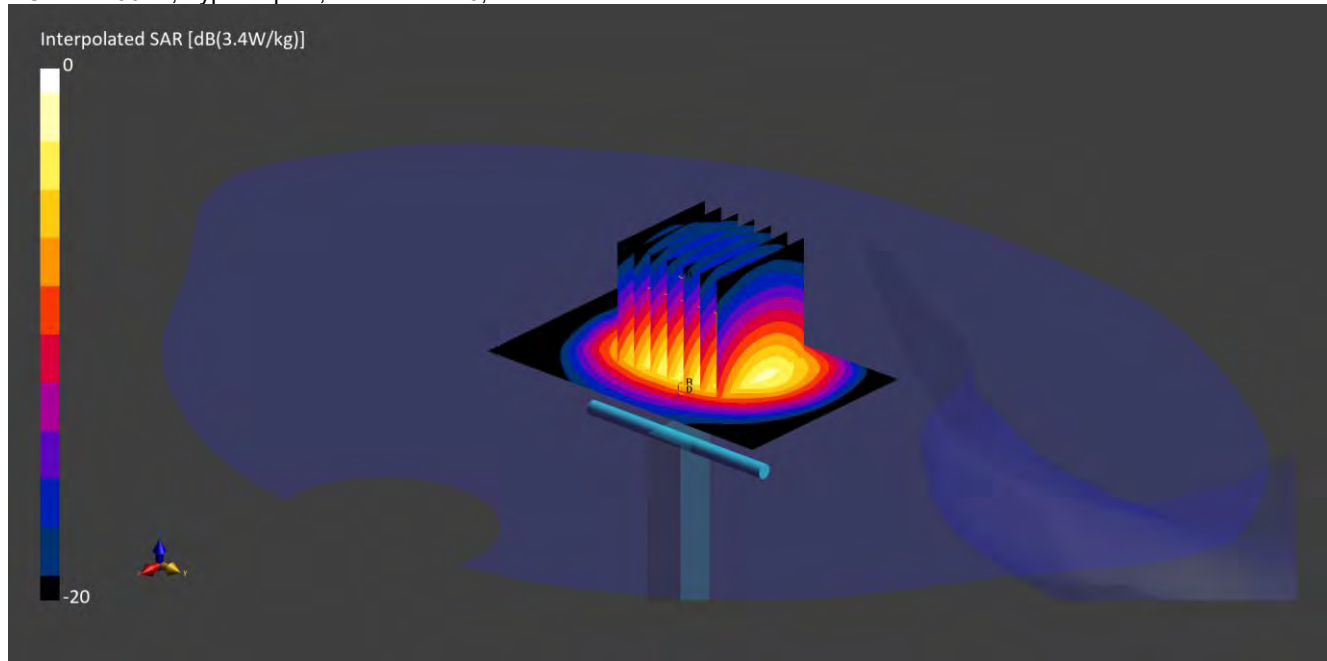
- Probe: EX3DV4 - SN7788; ConvF(6.67, 6.56, 6.3); Calibrated: 03 Feb 2023
- Sensor-Surface: 1.4 mm; VMS + 6p
- Electronics: DAE4ip - SN1792; Calibrated: 03 Apr 2023
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2128
- Measurement SW: cDASY16.2.2.1588

Area Scan (40x80): Interpolated grid: dx=10 mm, dy=10 mm**Zoom Scan1(30x30x30):** Measurement grid: dx=5 mm, dy=5 mm, dz=1.5 mm; Grading Ratio: 1.5; Reference Value = 1.870 V/m; Power Drift = -0.04 dB**SAR(1 g) = 2.450 W/kg; SAR(10 g) = 1.150 W/kg**

SYS/004: Site67_17May23_2450_HSL

Date: 17 May 2023

DUT: D2450V2; Type: Dipole; Serial: SN725;



Communication System: CW UID: 0; Frequency: 2450.0 MHz; Duty Cycle: 1;
 Medium: HSL; Site67_15May2023_051128_Head - 750 900 1800 1900 2300 2450 2600 5% 2000 10%.prn; Medium
 parameters used: $f = 2450.0$ MHz; $\sigma = 1.8$ S/m; $\epsilon_r = 37.6$; $\rho = 1000$ kg/m³; $\Delta\epsilon_r = -4.14$ %; $\Delta\sigma = 0.02$ %; No correction
 Phantom section: Flat;

DASY 6 Configuration:

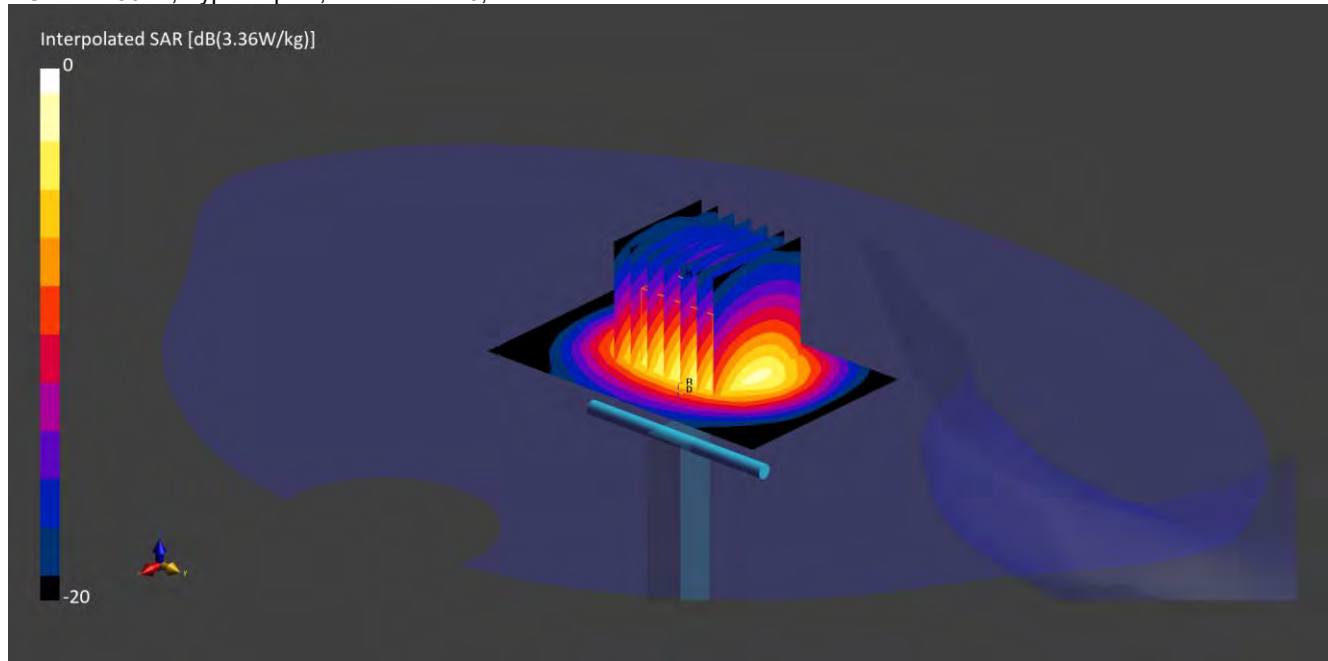
- Probe: EX3DV4 - SN7497; ConvF(7.59, 7.53, 7.69); Calibrated: 17 Mar 2023
- Sensor-Surface: 1.4 mm; VMS + 6p
- Electronics: DAE4ip - SN1793; Calibrated: 03 Apr 2023
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2068
- Measurement SW: cDASY16.2.2.1588

Area Scan (40x80): Interpolated grid: $dx=10$ mm, $dy=10$ mm**Zoom Scan1(30x30x30):** Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=1.5$ mm; Grading Ratio: 1.5; Reference Value = 2.180 V/m; Power Drift = -0.20 dB**SAR(1 g) = 2.480 W/kg; SAR(10 g) = 1.160 W/kg**

SYS/005: Site67_19May23_2450_HSL

Date: 19 May 2023

DUT: D2450V2; Type: Dipole; Serial: SN725;



Communication System: CW UID: 0; Frequency: 2450.0 MHz; Duty Cycle: 1;
Medium: HSL; Site67_18May2023_154426_Head - 900 1800 1900 2300 2450 2600 5% 2000 10%.prn; Medium parameters used: $f = 2450.0$ MHz; $\sigma = 1.81$ S/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³; $\Delta\epsilon_r = -1.92$ %; $\Delta\sigma = 0.81$ %; No correction

Phantom section: Flat;

DASY 6 Configuration:

- Probe: EX3DV4 - SN7497; ConvF(7.59, 7.53, 7.69); Calibrated: 17 Mar 2023
- Sensor-Surface: 1.4 mm; VMS + 6p
- Electronics: DAE4ip - SN1793; Calibrated: 03 Apr 2023
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2068
- Measurement SW: cDASY16.2.2.1588

Area Scan (40x80): Interpolated grid: dx=10 mm, dy=10 mm**Zoom Scan1(30x30x30):** Measurement grid: dx=5 mm, dy=5 mm, dz=1.5 mm; Grading Ratio: 1.5; Reference Value = 2.070 V/m; Power Drift = -0.14 dB**SAR(1 g) = 2.460 W/kg; SAR(10 g) = 1.160 W/kg**

12.3. SAR Distribution Plots**12.3.1. Wi-Fi and BT**

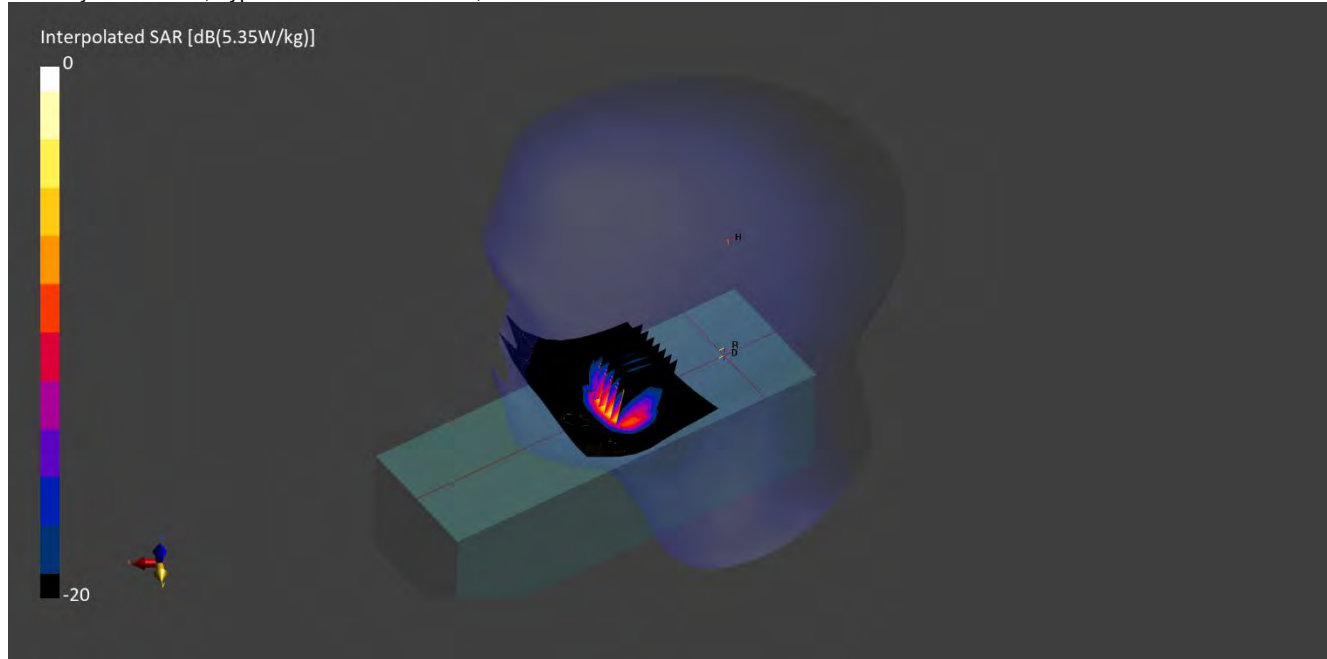
This sub-section contains SAR Distribution Plots:

Scan Reference Number	Title
WLAN/001	Back@Head WiFi 2.4 802.11b CH6
WPAN/002	Back@Head BT 2.4 GHz CH19

WLAN/001 Back@Head WiFi 2.4 802.11b CH6

Date: 19 May 2023

DUT: CyDen Limited; Type: Hair Removal Device; Model/HVIN: 6036



Communication System: IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) UID: 10415; Frequency: 2437.0 MHz; Duty Cycle: 0.99;

Medium: HSL; Site66_19May2023_180638_Head - 900 1800 1900 2300 2450 2600 5% 2000 10%.prn; Medium parameters used: $f = 2437.0$ MHz; $\sigma = 1.8$ S/m; $\epsilon_r = 37.5$; $\rho = 1000$ kg/m³; $\Delta\epsilon_r = -4.29$ %; $\Delta\sigma = 0.73$ %; No correction

Phantom section: RightHead;

DASY 6 Configuration:

- Laboratory Name: Site66;
- Probe: EX3DV4 - SN7788; ConvF(6.67, 6.56, 6.3); Calibrated: 03 Feb 2023
- Sensor-Surface: 1.4 mm; All points
- Electronics: DAE4ip - SN1792; Calibrated: 03 Apr 2023
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2128
- Measurement SW: cDASY16.2.2.1588

Area Scan (80x80): Interpolated grid: dx=10 mm, dy=10 mm

Zoom Scan1(30x30x30): Measurement grid: dx=5 mm, dy=5 mm, dz=1.5 mm; Grading Ratio: 1.5; Reference Value = 1.800 V/m; Power Drift = -0.14 dB

Minimum horizontal 3dB distance: 6.4 mm;

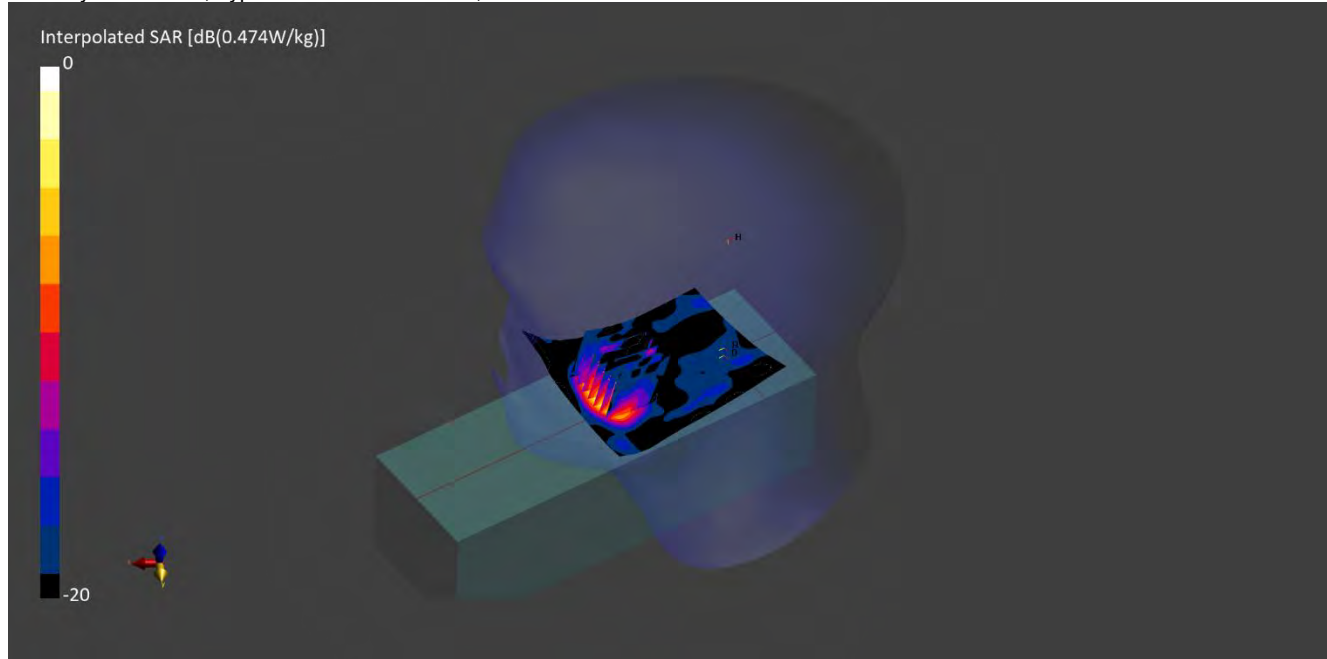
Vertical M2/M1 Ratio: 79.7 %;

SAR(1 g) = 2.330 W/kg; SAR(10 g) = 0.884 W/kg

WPAN/002: Back@Head BT 2.4 GHz CH19

Date: 18 May 2023

DUT: CyDen Limited; Type: Hair Removal Device; Model/HVIN: 6036



Communication System: Bluetooth Low Energy UID: 10670; Frequency: 2440.0 MHz; Duty Cycle: 0.77;
 Medium: HSL; Site66_16May2023_022527_Head - 750 900 1800 1900 2300 2600 5% 2000%.prn; Medium parameters used: $f = 2440.0$ MHz; $\sigma = 1.8$ S/m; $\epsilon_r = 38$; $\rho = 1000$ kg/m³; $\Delta\epsilon_r = -2.97$ %; $\Delta\sigma = 0.37$ %; No correction

Phantom section: RightHead;

DASY 6 Configuration:

- Laboratory Name: Site66;
- Probe: EX3DV4 - SN7788; ConvF(6.67, 6.56, 6.3); Calibrated: 03 Feb 2023
- Sensor-Surface: 1.4 mm; All points
- Electronics: DAE4ip - SN1792; Calibrated: 03 Apr 2023
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2128
- Measurement SW: cDASY16.2.2.1588

Area Scan (80x100): Interpolated grid: $dx=10$ mm, $dy=10$ mm**Zoom Scan1(30x30x30):** Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=1.5$ mm; Grading Ratio: 1.5; Reference Value = 0.150 V/m; Power Drift = -0.04 dB

Minimum horizontal 3dB distance: 6.8 mm;

Vertical M2/M1 Ratio: 77.9 %;

SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.082 W/kg