

Bluetooth

Frequency: 2441 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 2.01$ S/m; $\epsilon_r = 51.452$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN7463; ConvF(7.25, 7.25, 7.25); Calibrated: 7/20/2018, ConvF(7.25, 7.25, 7.25); Calibrated: 7/20/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

Rear/GFSK DH5_ch 39 15mm/Area Scan (15x12x1): Measurement grid: dx=10mm, dy=10mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0842 W/kg

Rear/GFSK DH5_ch 39 15mm/Volume Scan (36x28x16): Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.202 V/m; Power Drift = 0.09 dB

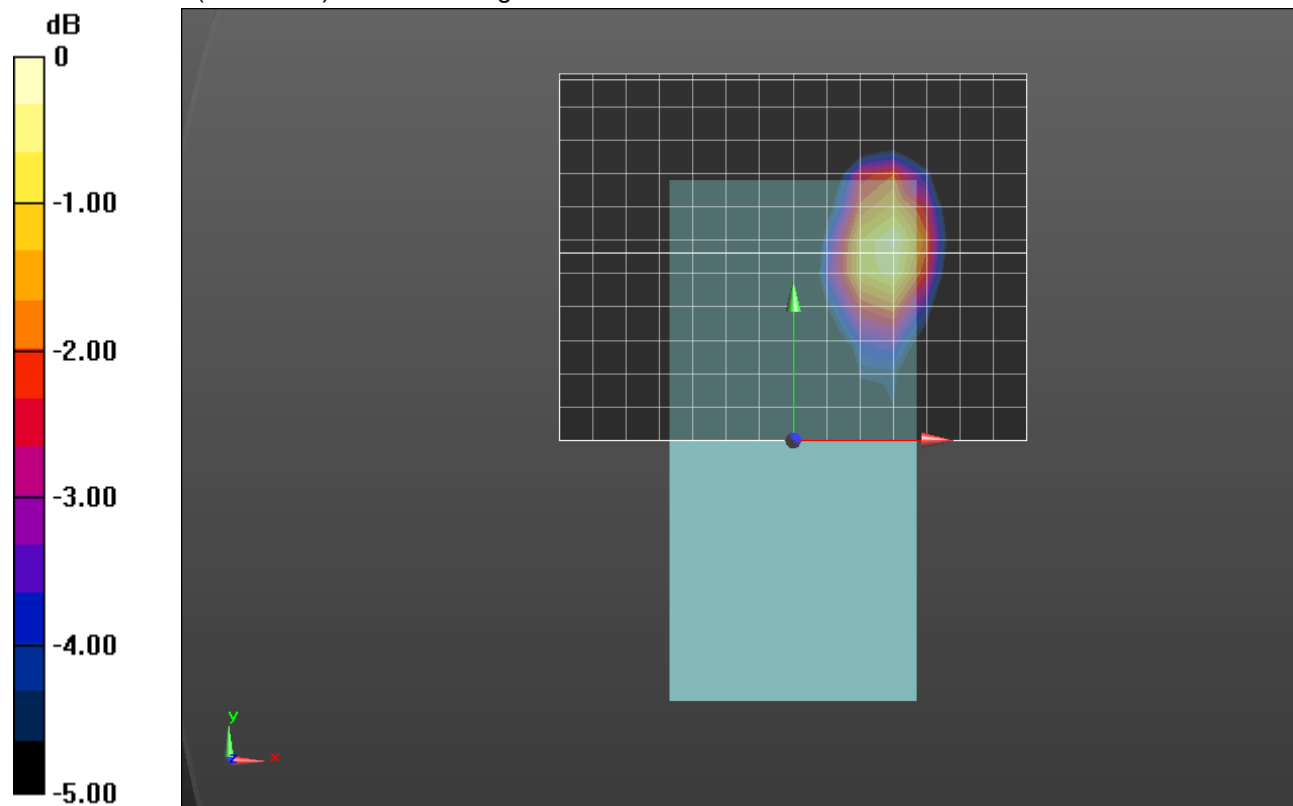
Peak SAR (extrapolated) = 0.169 W/kg

SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.026 W/kg

Total Absorbed Power = 0.000980 W

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0890 W/kg



0 dB = 0.0890 W/kg = -10.51 dBW/kg

Wi-Fi 5.6 GHz CH 144

Frequency: 5720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

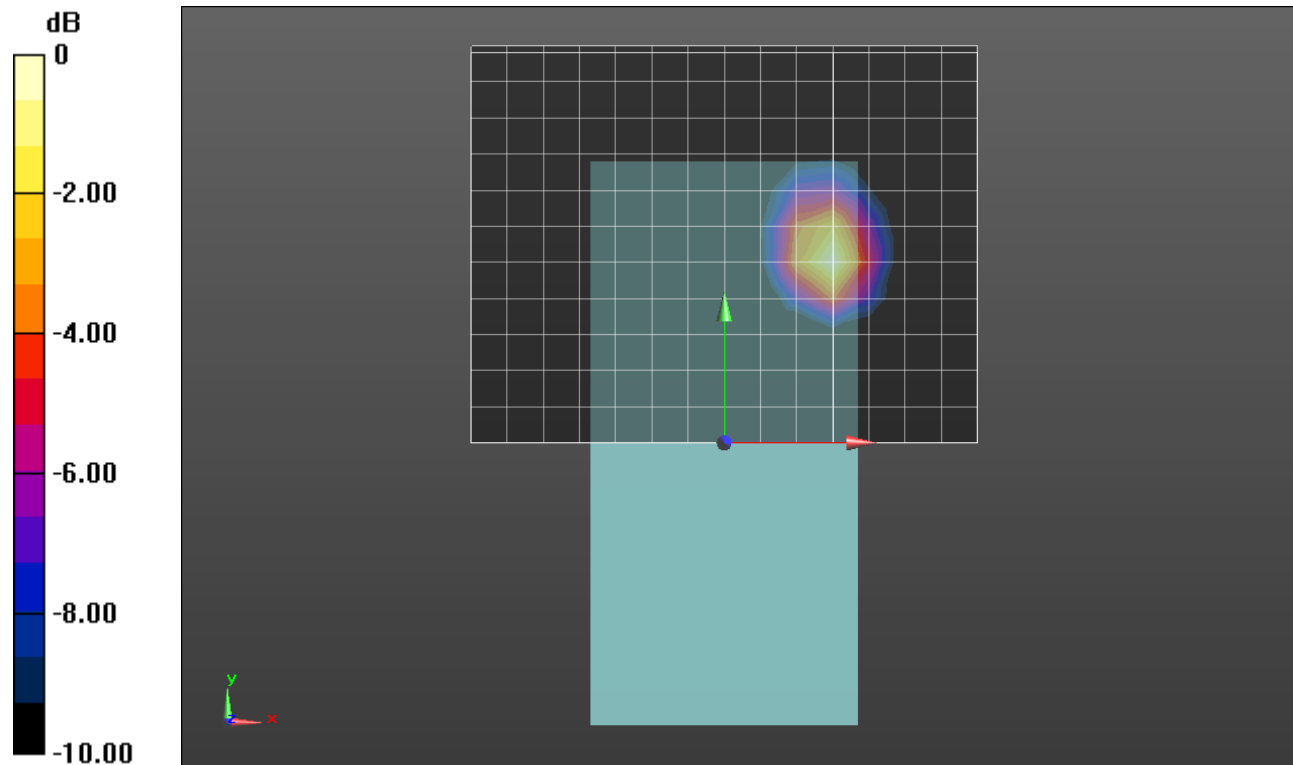
Medium parameters used: $f = 5720 \text{ MHz}$; $\sigma = 5.952 \text{ S/m}$; $\epsilon_r = 46.704$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 7/11/2018
- Probe: EX3DV4 - SN7482; ConvF(4.19, 4.19, 4.19); Calibrated: 7/23/2018, ConvF(4.19, 4.19, 4.19); Calibrated: 7/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 002 AA; Serial: 1247

Rear/802.11a_ch 144 Ant 2 @15mm/Area Scan (15x12x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 1.06 W/kg

Rear/802.11a_ch 144 Ant 2 @15mm/Volume Scan (36x28x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 14.21 V/m; Power Drift = -0.05 dB
 Peak SAR (extrapolated) = 2.61 W/kg
SAR(1 g) = 0.339 W/kg; SAR(10 g) = 0.103 W/kg
 Total Absorbed Power = 0.00125 W
 Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.07 W/kg = 0.29 dBW/kg

Multi-Band Average SAR

Multi-Band Configurations:

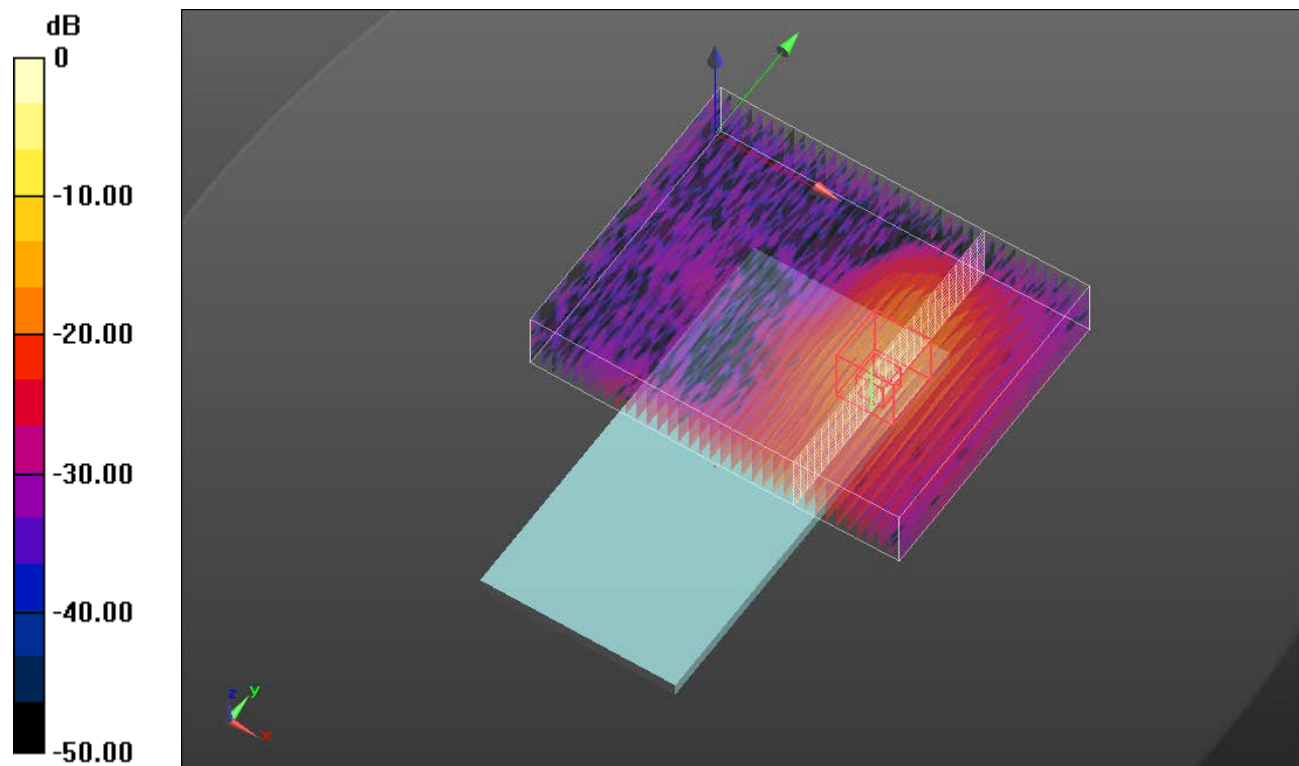
DASY Configuration for Rear/GFSK DH5 Ch.39/Volume Scan:

DASY Configuration for Rear/802.11a_ch 144 Ant 2 @15mm/Volume Scan:

Multi Band Result:

SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.145 W/kg

Maximum value of SAR (interpolated) = 2.75 W/kg



0 dB = 2.75 W/kg = 4.39 dBW/kg

Wi-Fi 5.8 GHz

Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

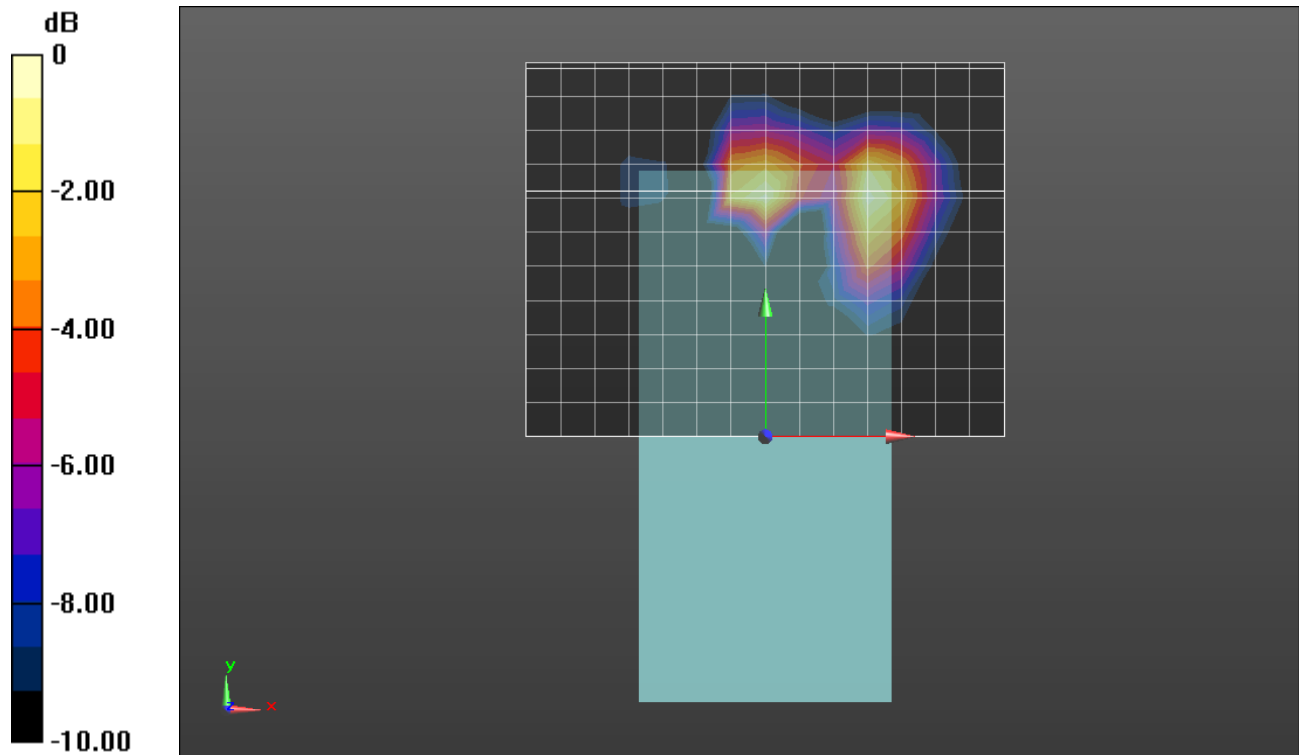
Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 6.065 \text{ S/m}$; $\epsilon_r = 47.928$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1439; Calibrated: 7/10/2018
- Probe: EX3DV4 - SN3902; ConvF(4.19, 4.19, 4.19); Calibrated: 5/24/2018, ConvF(4.19, 4.19, 4.19); Calibrated: 5/24/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 002 Ax; Serial: 1163

Rear/802.11a_ch 165 Ant 1 @10mm/Area Scan (15x12x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 0.425 W/kg

Rear/802.11a_ch 165 Ant 1 @10mm/Volume Scan (36x28x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 7.513 V/m; Power Drift = 0.15 dB
 Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.049 W/kg
 Total Absorbed Power = 0.00154 W
 Maximum value of SAR (measured) = 0.458 W/kg



0 dB = 0.458 W/kg = -3.39 dBW/kg

Wi-Fi 5.8 GHz

Frequency: 5785 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

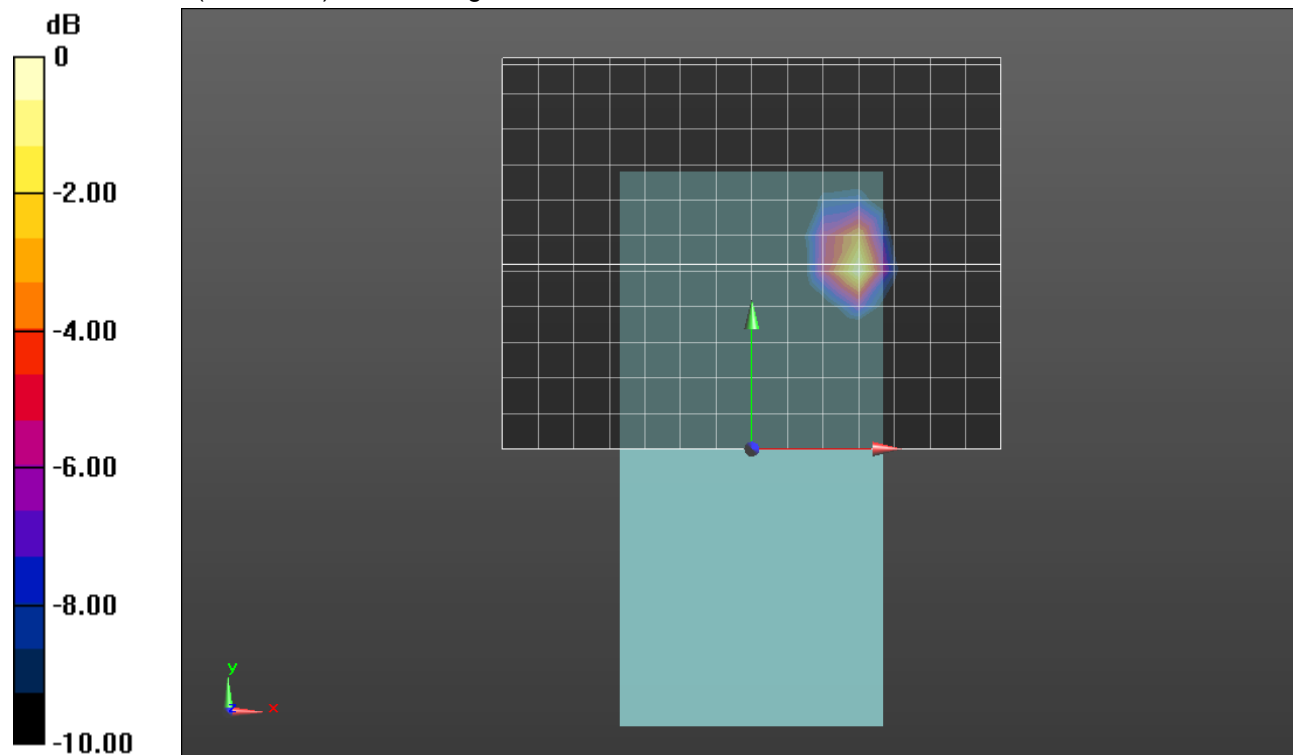
Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.146 \text{ S/m}$; $\epsilon_r = 46.937$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 7/11/2018
- Probe: EX3DV4 - SN7482; ConvF(4.19, 4.19, 4.19); Calibrated: 7/23/2018, ConvF(4.19, 4.19, 4.19); Calibrated: 7/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 002 AA; Serial: 1247

Rear/802.11a_ch 157 Ant 2 @10mm/Area Scan (15x12x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
 Maximum value of SAR (measured) = 2.66 W/kg

Rear/802.11a_ch 157 Ant 2 @10mm/Volume Scan (36x28x12): Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$
 Reference Value = 18.13 V/m; Power Drift = 0.19 dB
 Peak SAR (extrapolated) = 5.57 W/kg
SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.284 W/kg
 Total Absorbed Power = 0.00618 W
 Maximum value of SAR (measured) = 2.86 W/kg



0 dB = 2.86 W/kg = 4.56 dBW/kg

Multi-Band Average SAR

Multi-Band Configurations:

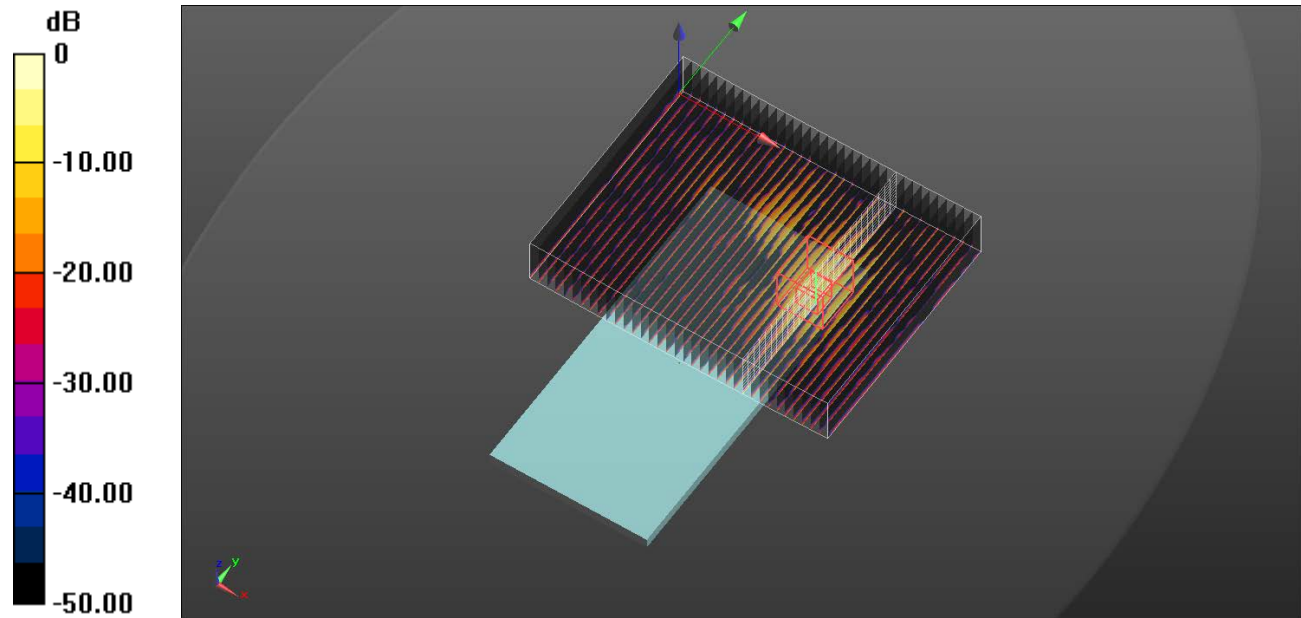
DASY Configuration for Rear/802.11a_ch 165 Ant 1 @10mm/Volume Scan:

DASY Configuration for Rear/802.11a_ch 157 Ant 2 @10mm/Volume Scan:

Multi Band Result:

SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.331 W/kg

Maximum value of SAR (interpolated) = 5.60 W/kg



Bluetooth

Frequency: 2441 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.996$ S/m; $\epsilon_r = 51.503$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1548; Calibrated: 5/3/2018
- Probe: EX3DV4 - SN3990; ConvF(7.79, 7.79, 7.79); Calibrated: 8/17/2018, ConvF(7.79, 7.79, 7.79); Calibrated: 8/17/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

Rear/GFSK DH5_ch 39 10mm_3LKJ/Area Scan (15x12x1): Measurement grid: dx=10mm, dy=10mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.173 W/kg

Rear/GFSK DH5_ch 39 10mm_3LKJ/Volume Scan (36x28x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 8.442 V/m; Power Drift = -0.10 dB

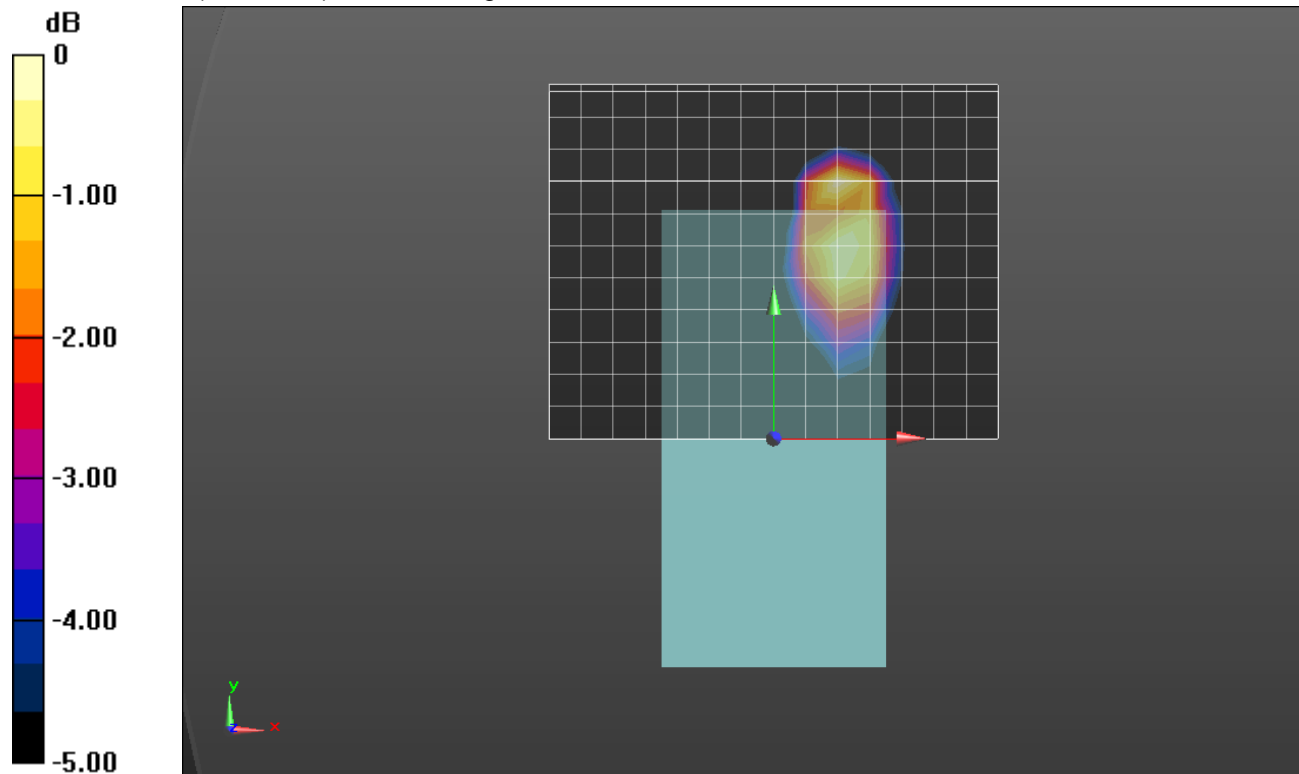
Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.105 W/kg; SAR(10 g) = 0.057 W/kg

Total Absorbed Power = 0.00358 W

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.173 W/kg



0 dB = 0.173 W/kg = -7.62 dBW/kg

Wi-Fi 5.8 GHz

Frequency: 5785 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

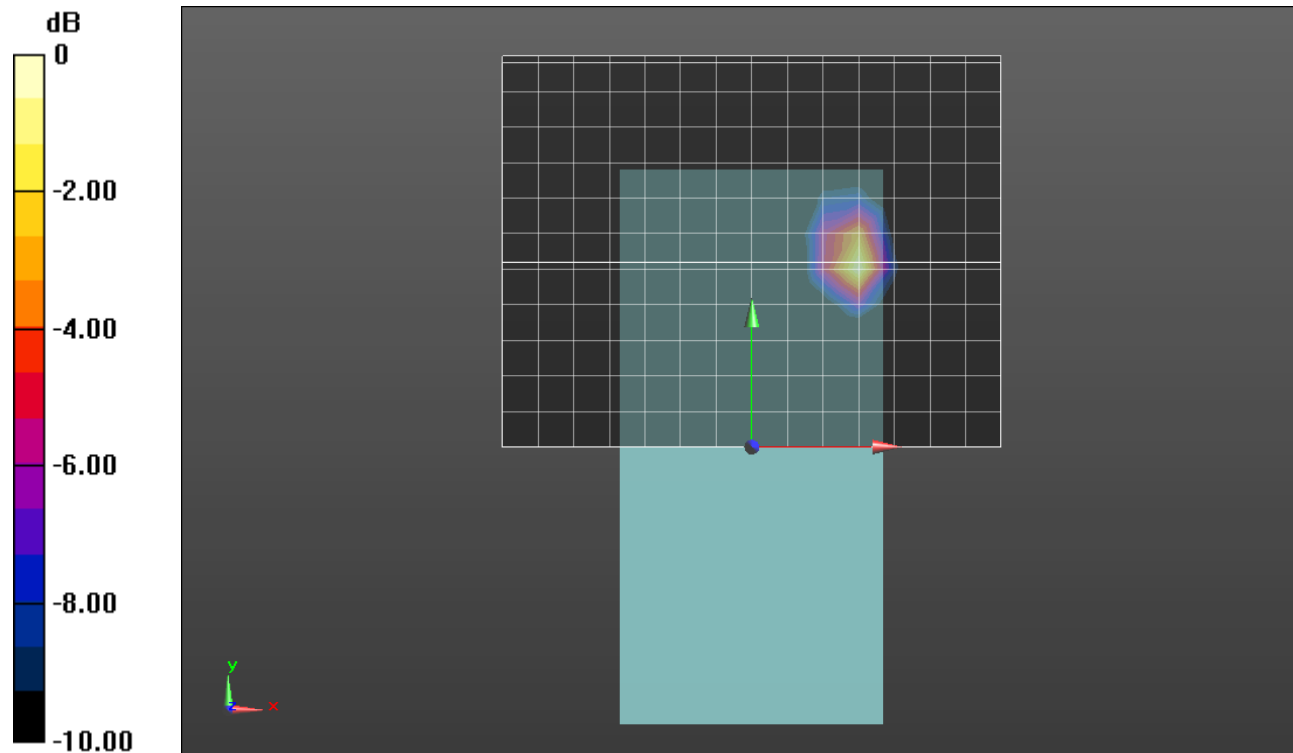
Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.146 \text{ S/m}$; $\epsilon_r = 46.937$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 7/11/2018
- Probe: EX3DV4 - SN7482; ConvF(4.19, 4.19, 4.19); Calibrated: 7/23/2018, ConvF(4.19, 4.19, 4.19); Calibrated: 7/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 002 AA; Serial: 1247

Rear/802.11a_ch 157 Ant 2 @10mm/Area Scan (15x12x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 2.66 W/kg

Rear/802.11a_ch 157 Ant 2 @10mm/Volume Scan (36x28x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 18.13 V/m; Power Drift = 0.19 dB
 Peak SAR (extrapolated) = 5.57 W/kg
SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.284 W/kg
 Total Absorbed Power = 0.00618 W
 Maximum value of SAR (measured) = 2.86 W/kg



0 dB = 2.86 W/kg = 4.56 dBW/kg

Multi-Band Average SAR

Multi-Band Configurations:

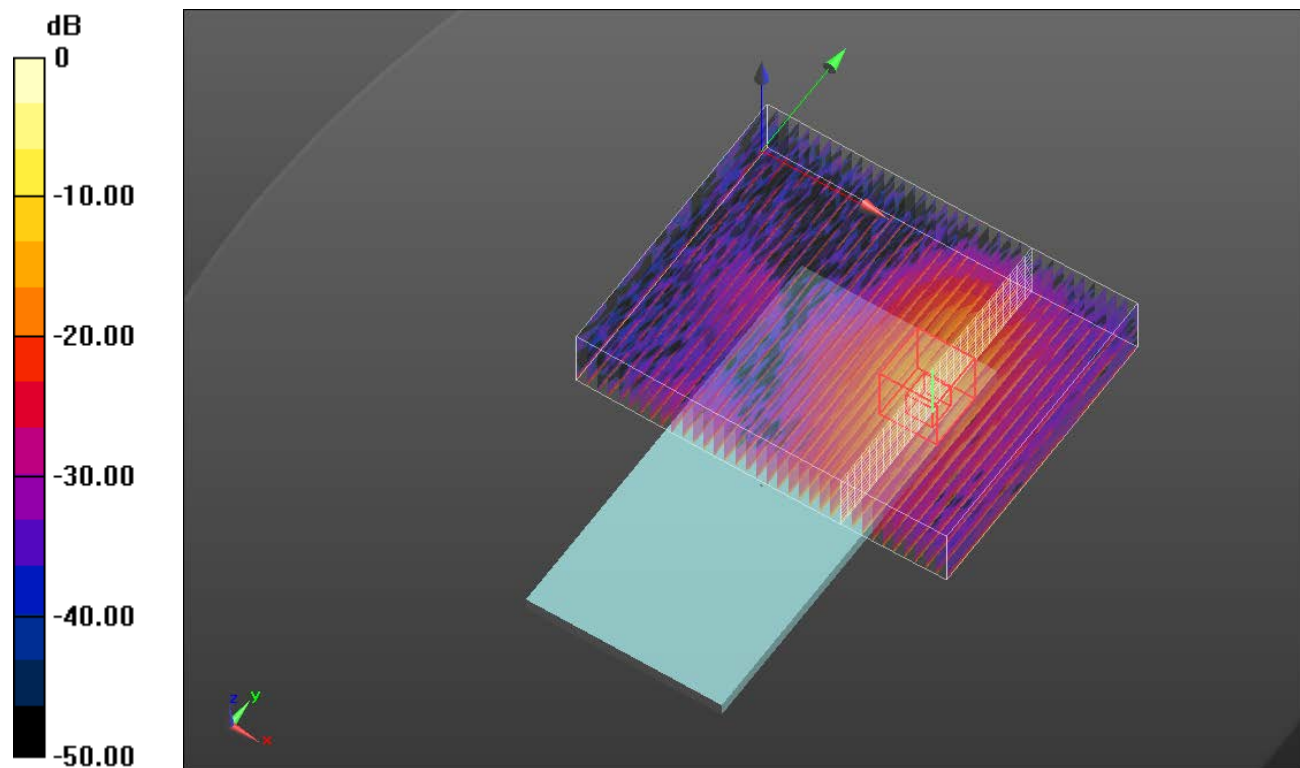
DASY Configuration for Rear/802.11a_ch 157 Ant 2 @10mm_95XE/Volume Scan:

DASY Configuration for Rear/GFSK DH5_ch 39 10mm_3LKJ/Volume Scan:

Multi Band Result:

SAR(1 g) = 1.34 W/kg; SAR(10 g) = 0.377 W/kg

Maximum value of SAR (interpolated) = 5.31 W/kg



0 dB = 5.31 W/kg = 7.25 dBW/kg

Wi-Fi 5.3 GHz

Frequency: 5260 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5260$ MHz; $\sigma = 5.336$ S/m; $\epsilon_r = 49.393$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1540; Calibrated: 2/23/2018
- Probe: EX3DV4 - SN3885; ConvF(4.33, 4.33, 4.33); Calibrated: 9/18/2018, ConvF(4.33, 4.33, 4.33); Calibrated: 9/18/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 002 AA; Serial: 1099

Rear/802.11a_ch 52 Ant 1 @15mm/Area Scan (15x12x1): Measurement grid: dx=10mm, dy=10mm

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

Rear/802.11a_ch 52 Ant 1 @15mm/Volume Scan (36x28x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm

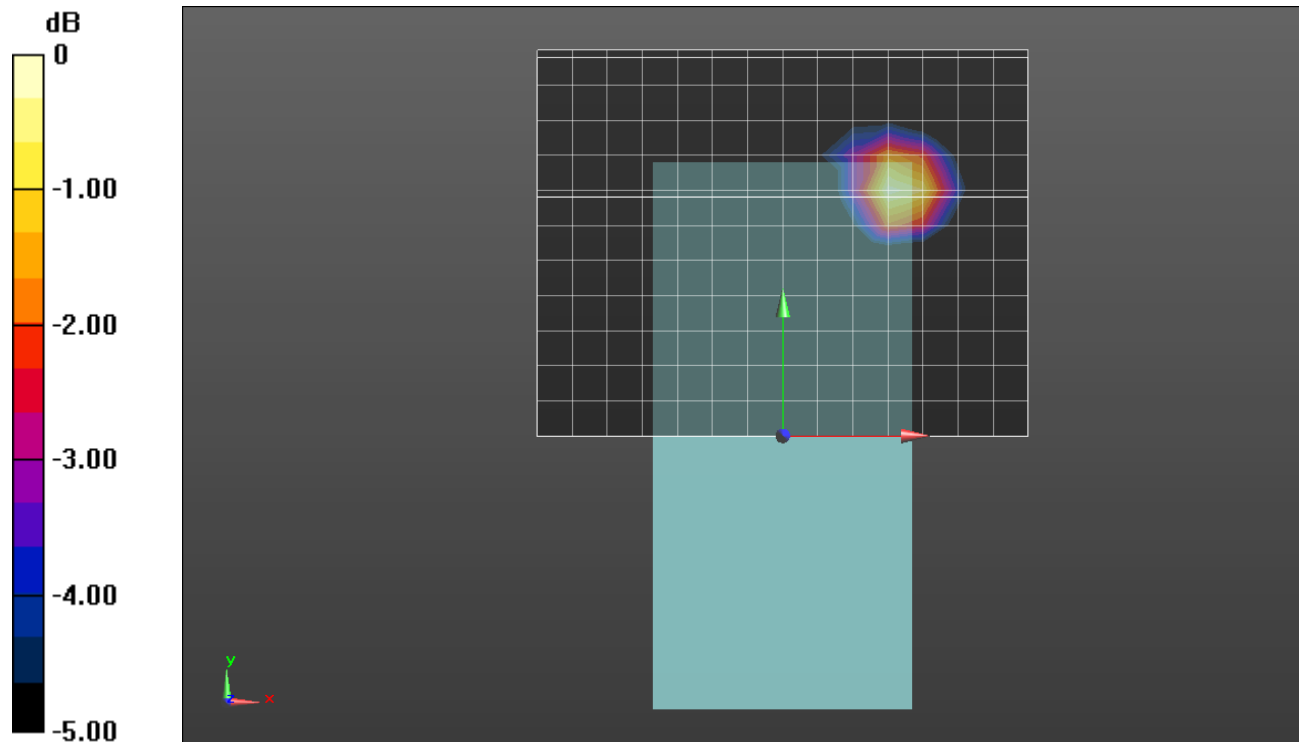
Reference Value = 10.60 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 0.351 W/kg; SAR(10 g) = 0.136 W/kg

Total Absorbed Power = 0.00607 W

Maximum value of SAR (measured) = 0.764 W/kg



0 dB = 0.764 W/kg = -1.17 dBW/kg

Wi-Fi 5.3 GHz

Frequency: 5280 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5280$ MHz; $\sigma = 5.482$ S/m; $\epsilon_r = 47.286$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2018
- Probe: EX3DV4 - SN3772; ConvF(4.45, 4.45, 4.45); Calibrated: 2/13/2018, ConvF(4.45, 4.45, 4.45); Calibrated: 2/13/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 001 BB; Serial: 1118

Rear/802.11a_ch 56 Ant 2 @15mm/Area Scan (15x12x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 1.53 W/kg

Rear/802.11a_ch 56 Ant 2 @15mm/Volume Scan (36x28x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm

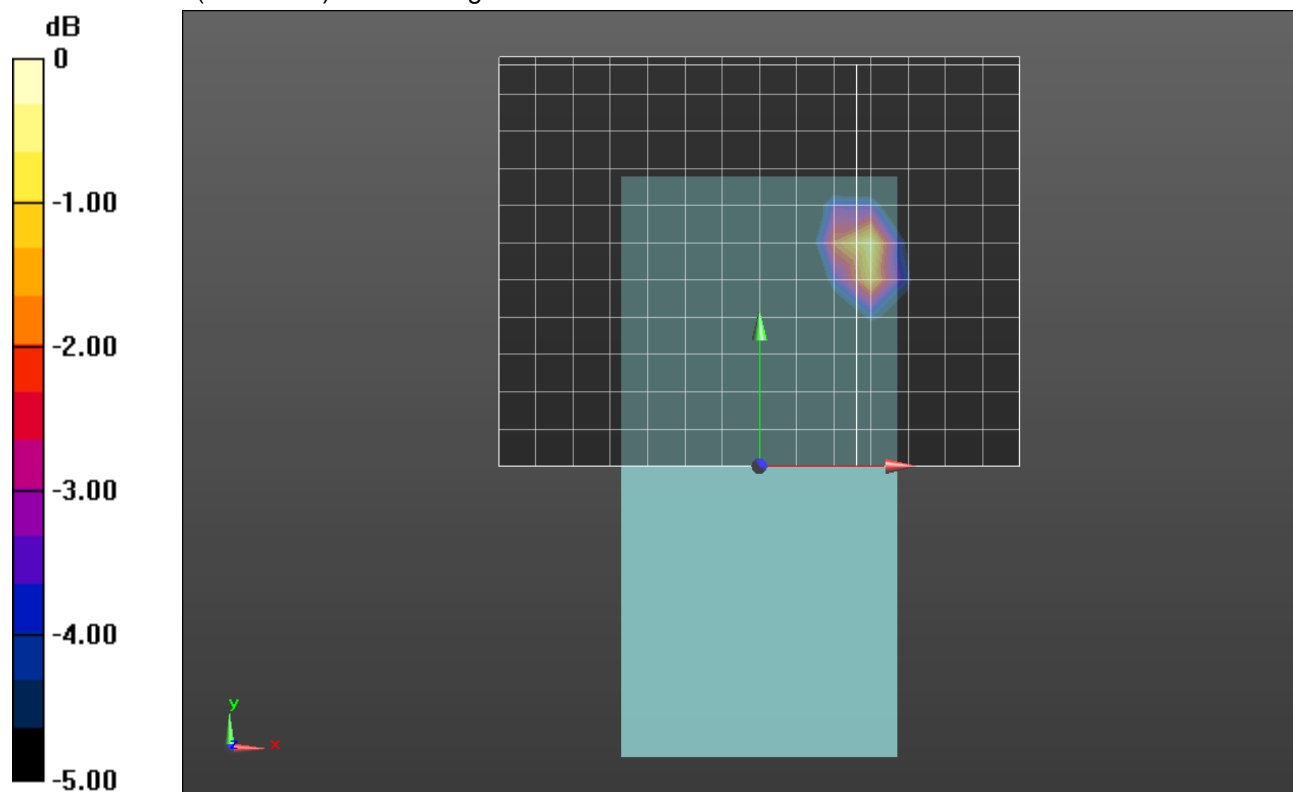
Reference Value = 14.19 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.06 W/kg

SAR(1 g) = 0.723 W/kg; SAR(10 g) = 0.252 W/kg

Total Absorbed Power = 0.00693 W

Maximum value of SAR (measured) = 1.69 W/kg



0 dB = 1.69 W/kg = 2.28 dBW/kg

Multi-Band Average SAR

Multi-Band Configurations:

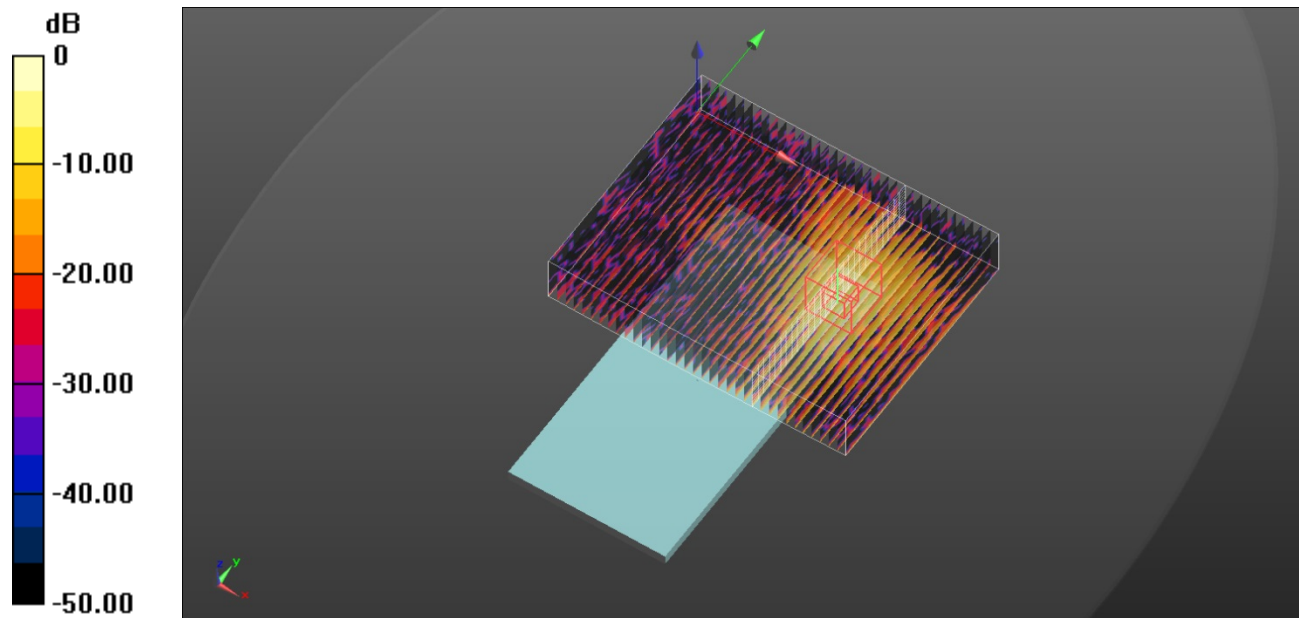
DASY Configuration for Rear/802.11a_ch 52 Ant 1 @15mm/Volume Scan:

DASY Configuration for Rear/802.11a_ch 56 Ant 2 @15mm/Volume Scan:

Multi Band Result:

SAR(1 g) = 0.941 W/kg; SAR(10 g) = 0.351 W/kg

Maximum value of SAR (interpolated) = 3.41 W/kg



0 dB = 3.41 W/kg = 5.33 dBW/kg

Bluetooth

Frequency: 2441 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.996$ S/m; $\epsilon_r = 51.503$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1548; Calibrated: 5/3/2018
- Probe: EX3DV4 - SN3990; ConvF(7.79, 7.79, 7.79); Calibrated: 8/17/2018, ConvF(7.79, 7.79, 7.79); Calibrated: 8/17/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

Rear/GFSK DH5_ch 39 15mm/Area Scan (15x12x1): Measurement grid: dx=10mm, dy=10mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0717 W/kg

Rear/GFSK DH5_ch 39 15mm/Volume Scan (36x28x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.498 V/m; Power Drift = -0.18 dB

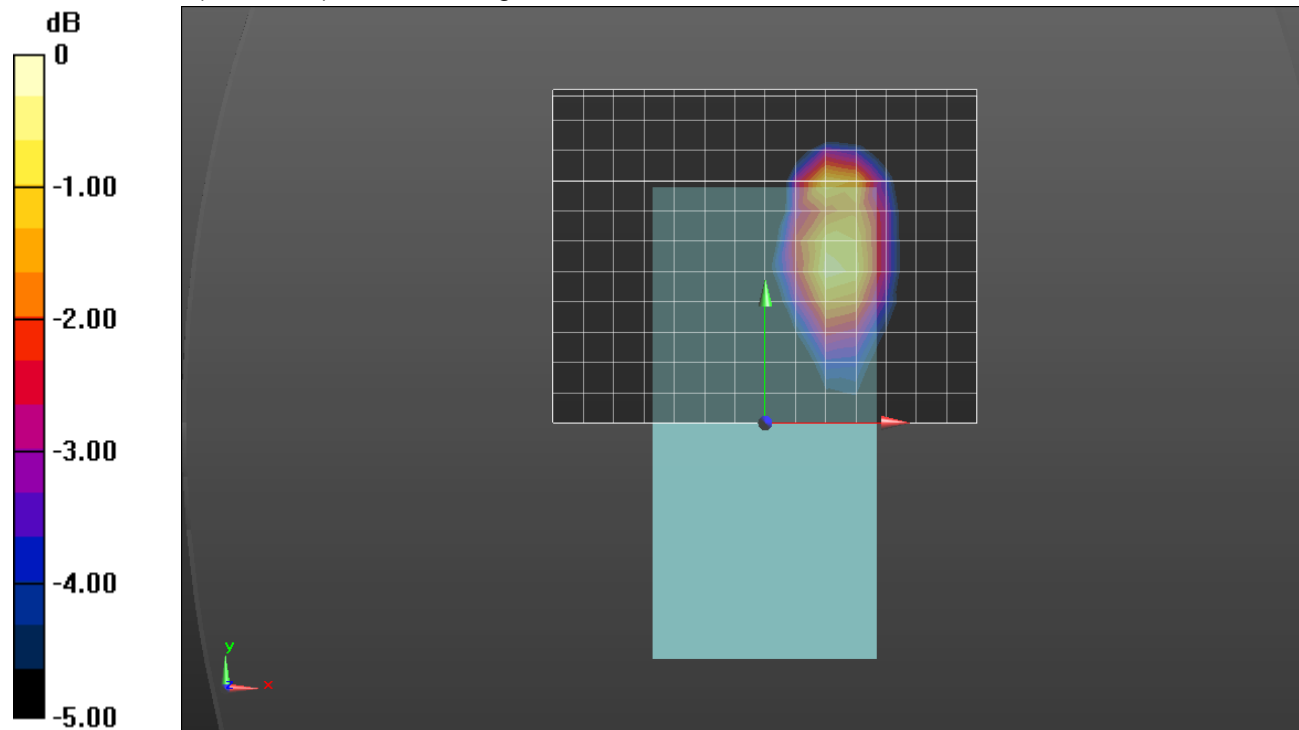
Peak SAR (extrapolated) = 0.185 W/kg

SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.026 W/kg

Total Absorbed Power = 0.00130 W

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0800 W/kg



0 dB = 0.0800 W/kg = -10.97 dBW/kg

Wi-Fi 5.3 GHz

Frequency: 5280 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5280 \text{ MHz}$; $\sigma = 5.482 \text{ S/m}$; $\epsilon_r = 47.286$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/14/2018
- Probe: EX3DV4 - SN3772; ConvF(4.45, 4.45, 4.45); Calibrated: 2/13/2018, ConvF(4.45, 4.45, 4.45); Calibrated: 2/13/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 001 BB; Serial: 1118

Rear/802.11a_ch 56 Ant 2 @15mm/Area Scan (15x12x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 1.53 W/kg

Rear/802.11a_ch 56 Ant 2 @15mm/Volume Scan (36x28x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm

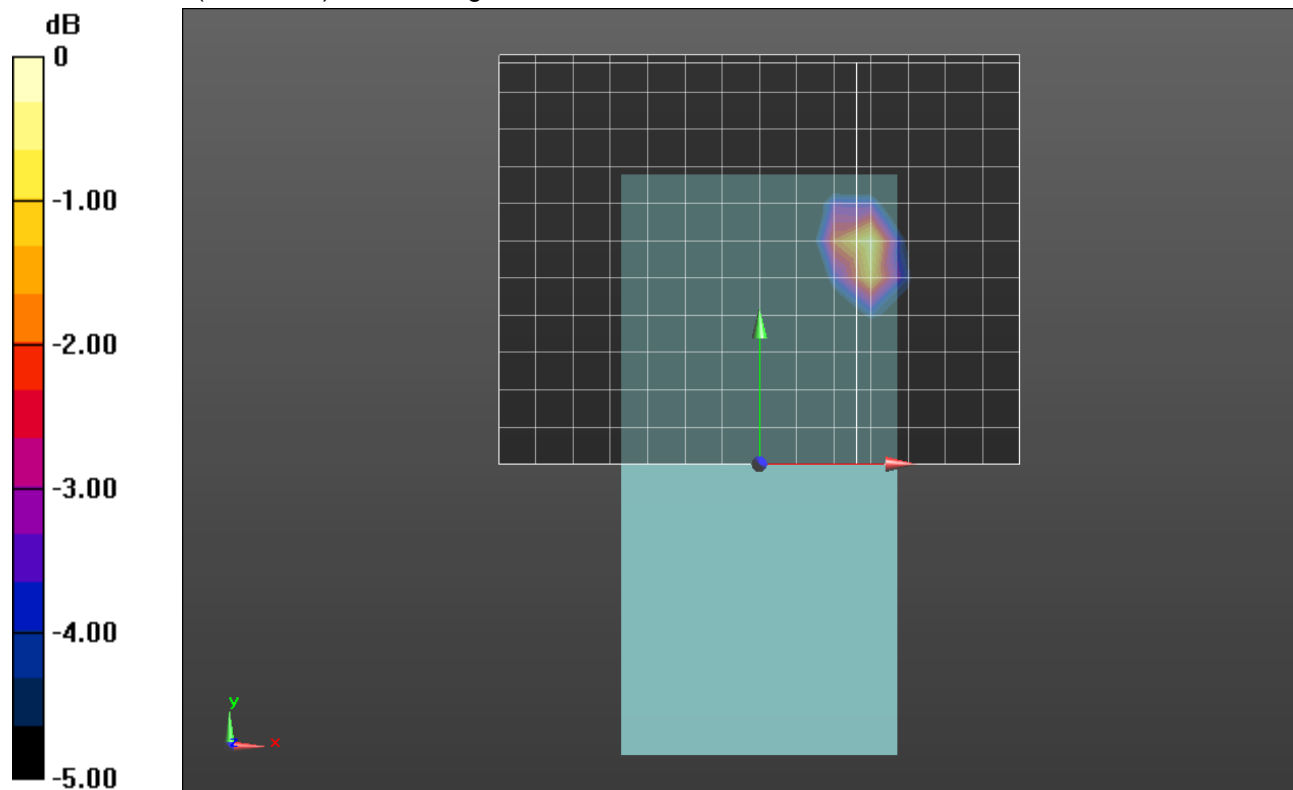
Reference Value = 14.19 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.06 W/kg

SAR(1 g) = 0.723 W/kg; SAR(10 g) = 0.252 W/kg

Total Absorbed Power = 0.00693 W

Maximum value of SAR (measured) = 1.69 W/kg



0 dB = 1.69 W/kg = 2.28 dBW/kg

Multi-Band Average SAR

Multi-Band Configurations:

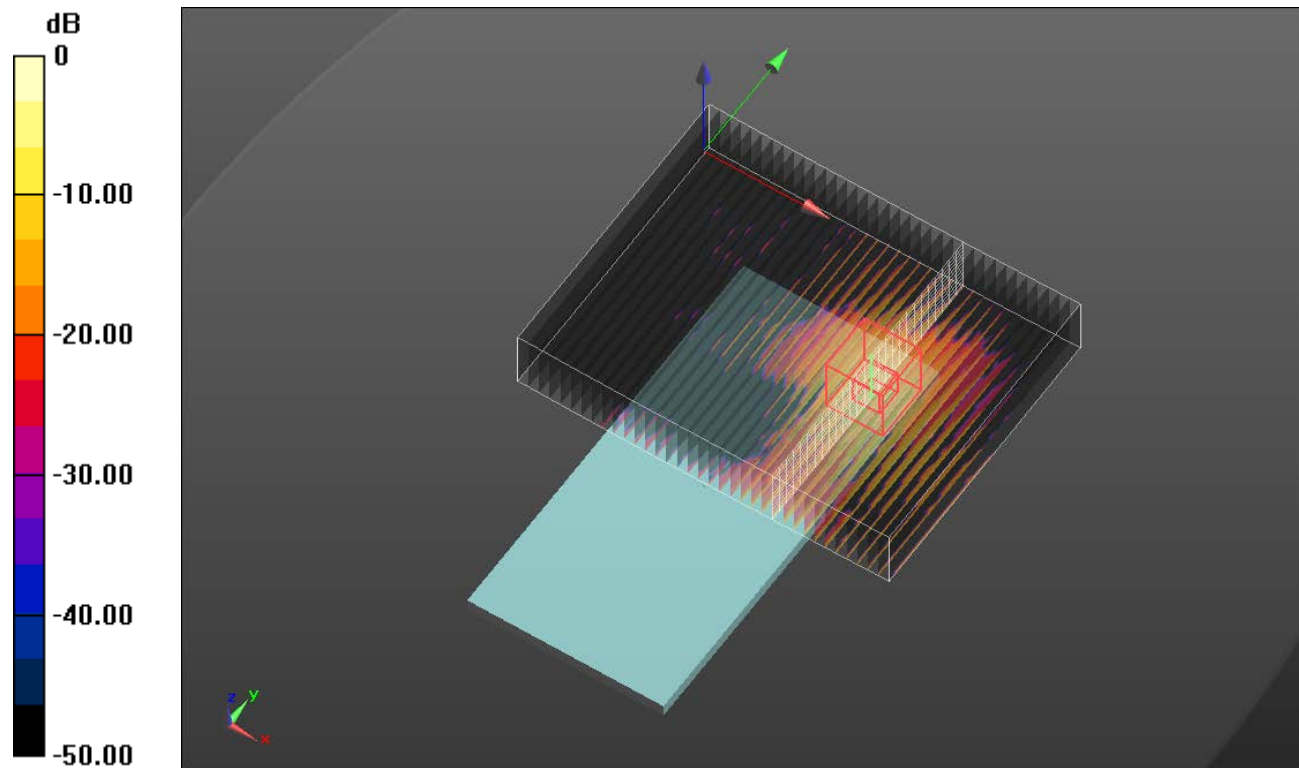
DASY Configuration for Rear/802.11a_ch 56 Ant 2 @15mm/Volume Scan:

DASY Configuration for Rear/GFSK DH5_ch 39 15mm /Volume Scan:

Multi Band Result:

SAR(1 g) = 0.806 W/kg; SAR(10 g) = 0.293 W/kg

Maximum value of SAR (interpolated) = 2.95 W/kg



0 dB = 2.95 W/kg = 4.70 dBW/kg

Wi-Fi 5.8 GHz

Frequency: 5825 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

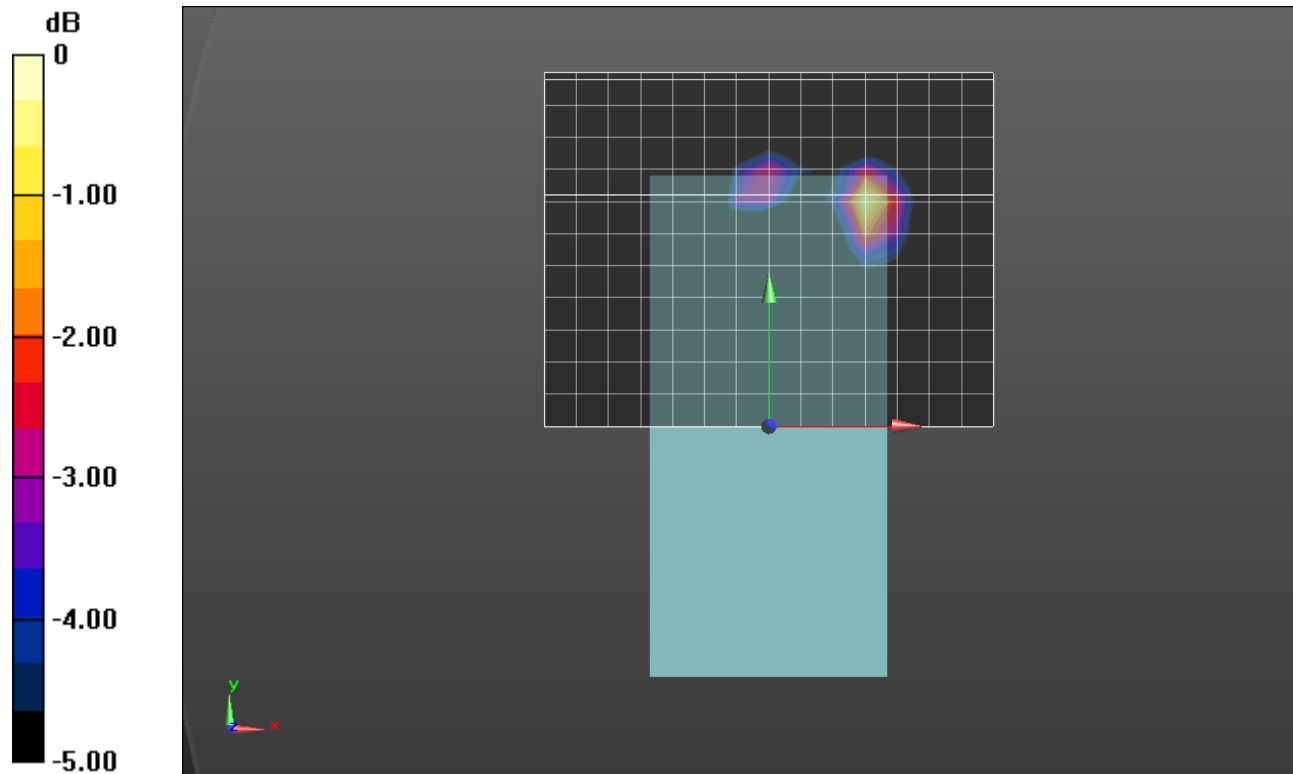
Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 6.364 \text{ S/m}$; $\epsilon_r = 46.558$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1548; Calibrated: 5/3/2018
- Probe: EX3DV4 - SN3990; ConvF(4.44, 4.44, 4.44); Calibrated: 8/17/2018, ConvF(4.44, 4.44, 4.44); Calibrated: 8/17/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

Rear/802.11a_ch 165 Ant 1 @10mm/Area Scan (15x12x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 1.05 W/kg

Rear/802.11a_ch 165 Ant 1 @10mm/Volume Scan (36x28x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 11.58 V/m; Power Drift = -0.15 dB
 Peak SAR (extrapolated) = 2.10 W/kg
SAR(1 g) = 0.496 W/kg; SAR(10 g) = 0.223 W/kg
 Total Absorbed Power = 0.0340 W
 Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.09 W/kg = 0.37 dBW/kg

Wi-Fi 5.8 GHz

Frequency: 5785 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

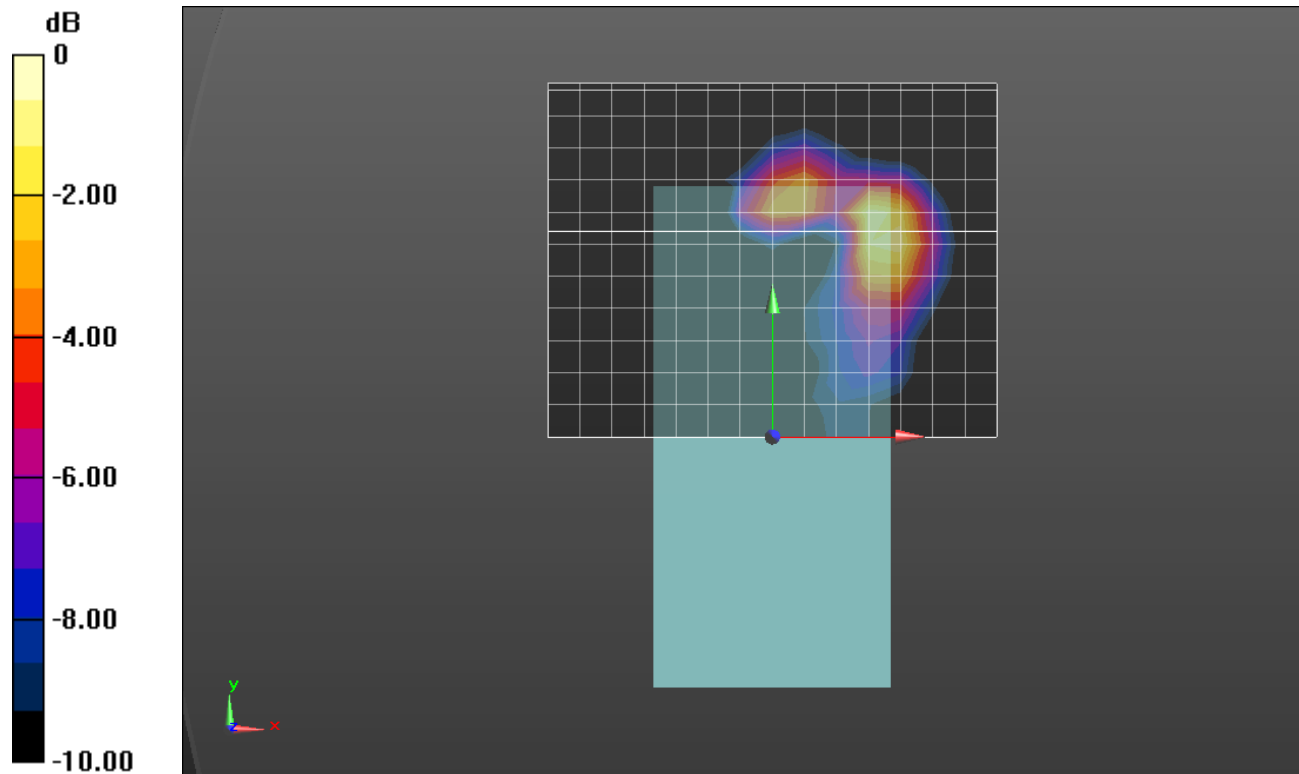
Medium parameters used: $f = 5785$ MHz; $\sigma = 6.188$ S/m; $\epsilon_r = 47.987$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN7463; ConvF(4.17, 4.17, 4.17); Calibrated: 7/20/2018, ConvF(4.17, 4.17, 4.17); Calibrated: 7/20/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

Rear/802.11a_ch 157 Ant 2 @10mm/Area Scan (15x12x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 0.638 W/kg

Rear/802.11a_ch 157 Ant 2 @10mm/Volume Scan (36x28x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 8.913 V/m; Power Drift = -0.19 dB
 Peak SAR (extrapolated) = 2.90 W/kg
SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.088 W/kg
 Total Absorbed Power = 0.00236 W
 Maximum value of SAR (measured) = 0.777 W/kg



0 dB = 0.777 W/kg = -1.10 dBW/kg

Multi-Band Average SAR

Multi-Band Configurations:

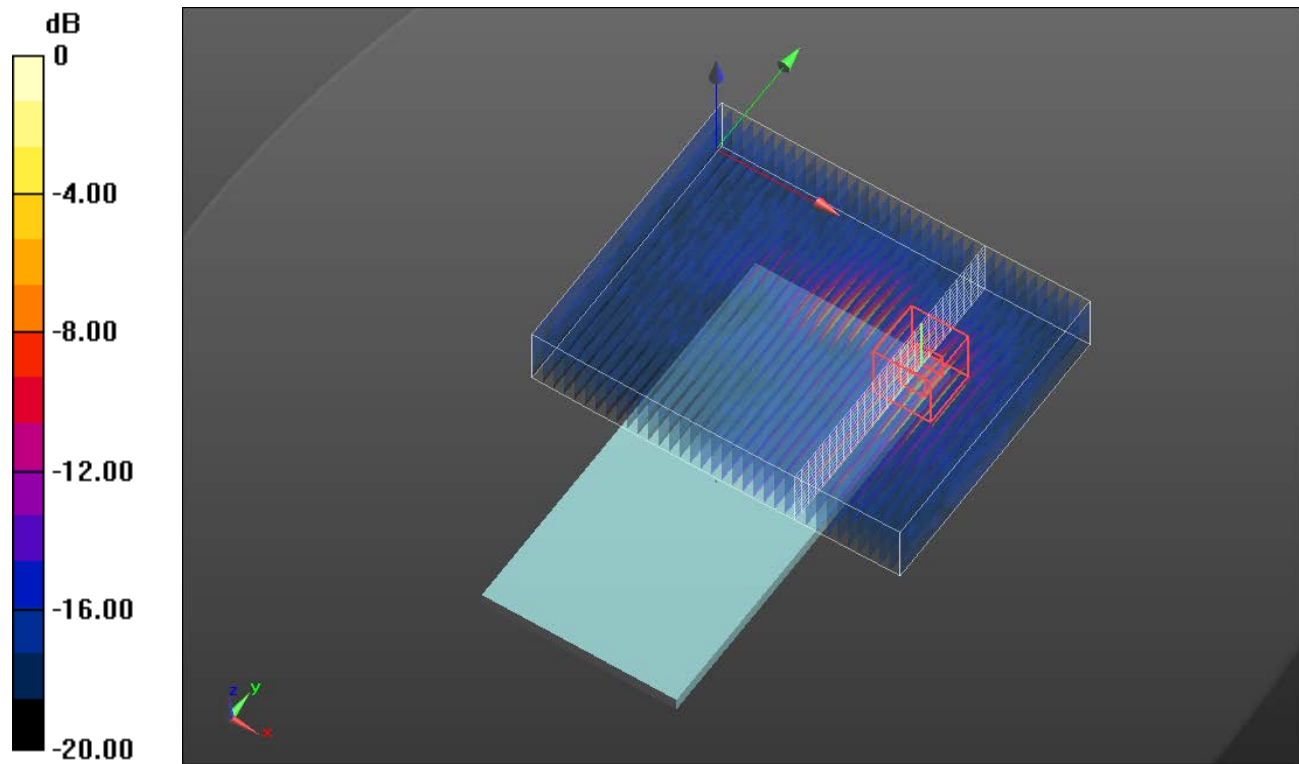
DASY Configuration for Rear/802.11a_ch 165 Ant 1 @10mm/Volume Scan:

DASY Configuration for Rear/802.11a_ch 157 Ant 2 @10mm/Volume Scan:

Multi Band Result:

SAR(1 g) = 0.793 W/kg; SAR(10 g) = 0.328 W/kg

Maximum value of SAR (interpolated) = 4.71 W/kg



0 dB = 4.71 W/kg = 6.73 dBW/kg

Wi-Fi 2.4 GHz

Frequency: 2462 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 2.021$ S/m; $\epsilon_r = 51.498$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1548; Calibrated: 5/3/2018
- Probe: EX3DV4 - SN3990; ConvF(7.79, 7.79, 7.79); Calibrated: 8/17/2018, ConvF(7.79, 7.79, 7.79); Calibrated: 8/17/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

Rear/802.11b_ch 11 Ant 1 @10mm /Area Scan (15x12x1): Measurement grid: dx=10mm, dy=10mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.251 W/kg

Rear/802.11b_ch 11 Ant 1 @10mm /Volume Scan (36x28x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 10.43 V/m; Power Drift = 0.12 dB

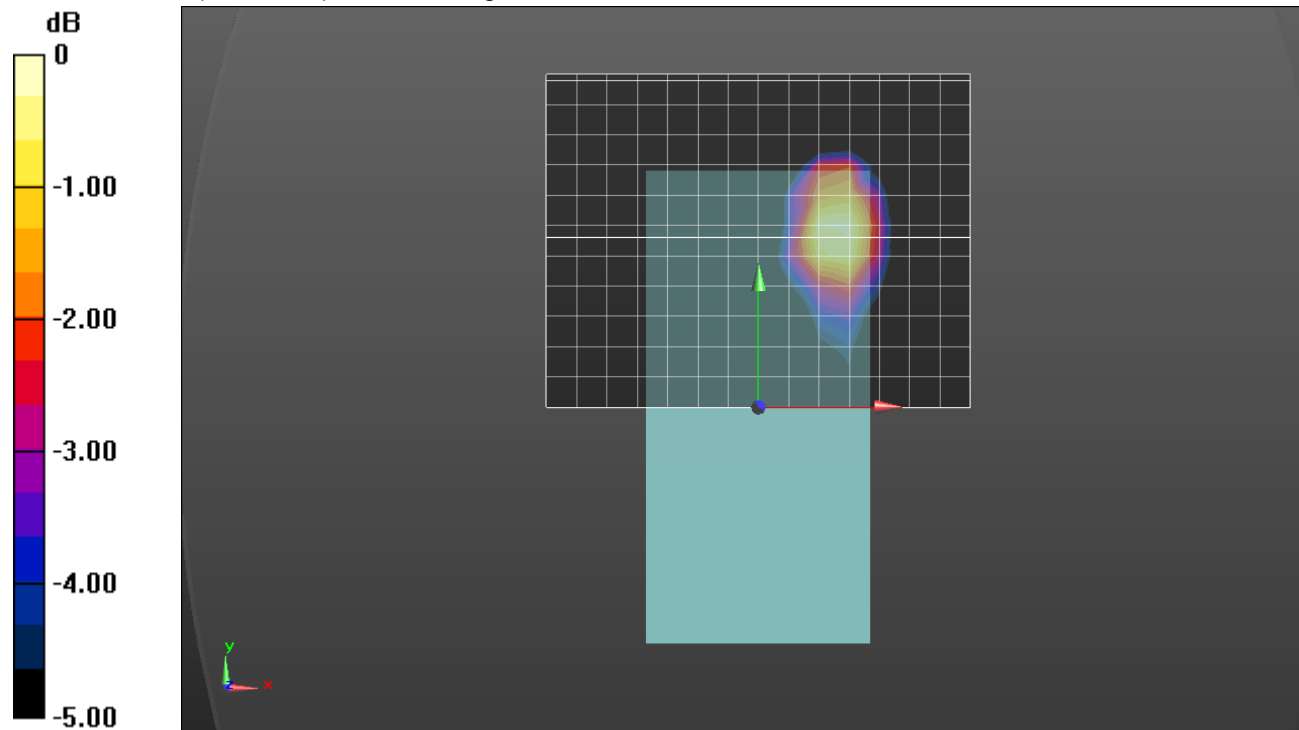
Peak SAR (extrapolated) = 0.355 W/kg

SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.090 W/kg

Total Absorbed Power = 0.00444 W

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.264 W/kg



0 dB = 0.264 W/kg = -5.78 dBW/kg

Wi-Fi 5.8 GHz_RSDB

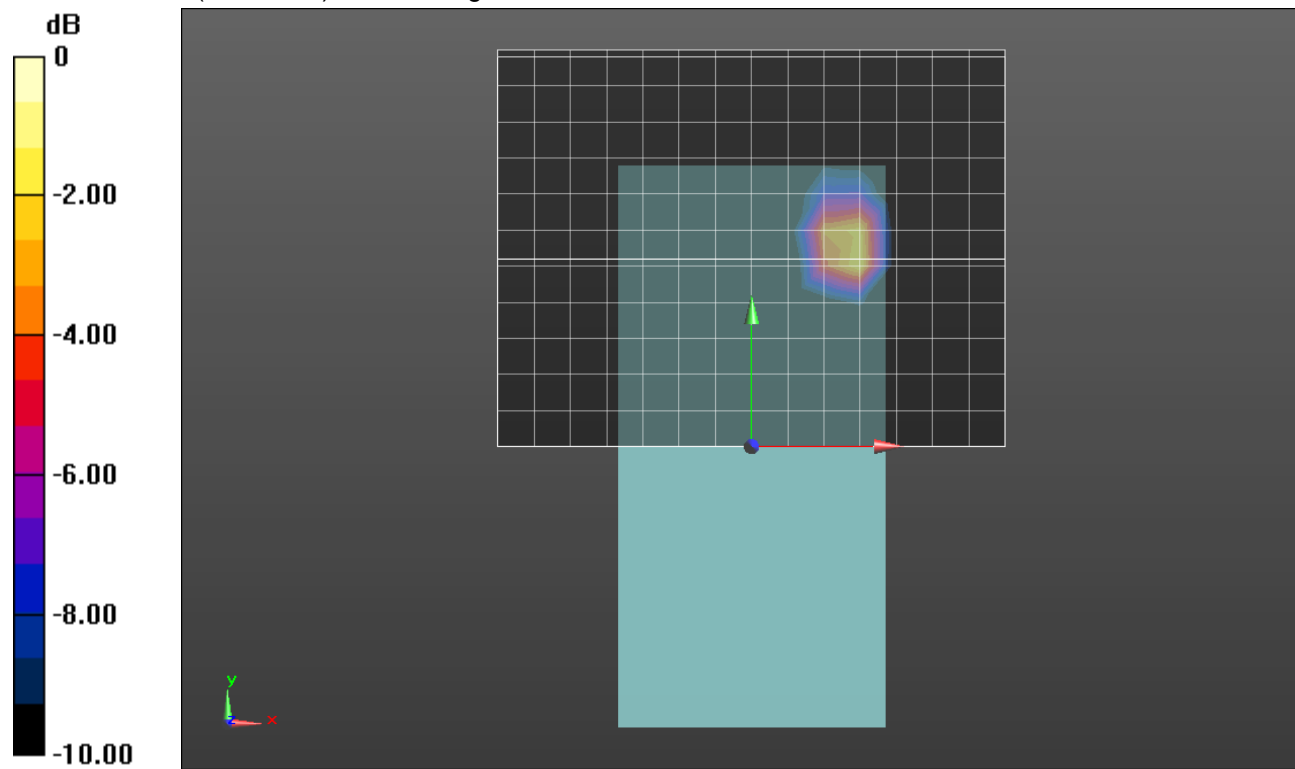
Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5775 \text{ MHz}$; $\sigma = 5.921 \text{ S/m}$; $\epsilon_r = 48.172$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1439; Calibrated: 7/10/2018
- Probe: EX3DV4 - SN3902; ConvF(4.19, 4.19, 4.19); Calibrated: 5/24/2018, ConvF(4.19, 4.19, 4.19); Calibrated: 5/24/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 002 Ax; Serial: 1163

Rear/802.11ac_VHT80_ch 155 Ant 2 @10mm/Area Scan (15x12x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 0.671 W/kg

Rear/802.11ac_VHT80_ch 155 Ant 2 @10mm/Volume Scan (36x28x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 8.962 V/m; Power Drift = 0.07 dB
 Peak SAR (extrapolated) = 2.01 W/kg
SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.100 W/kg
 Total Absorbed Power = 0.00168 W
 Maximum value of SAR (measured) = 1.04 W/kg



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

Multi-Band Average SAR

Multi-Band Configurations:

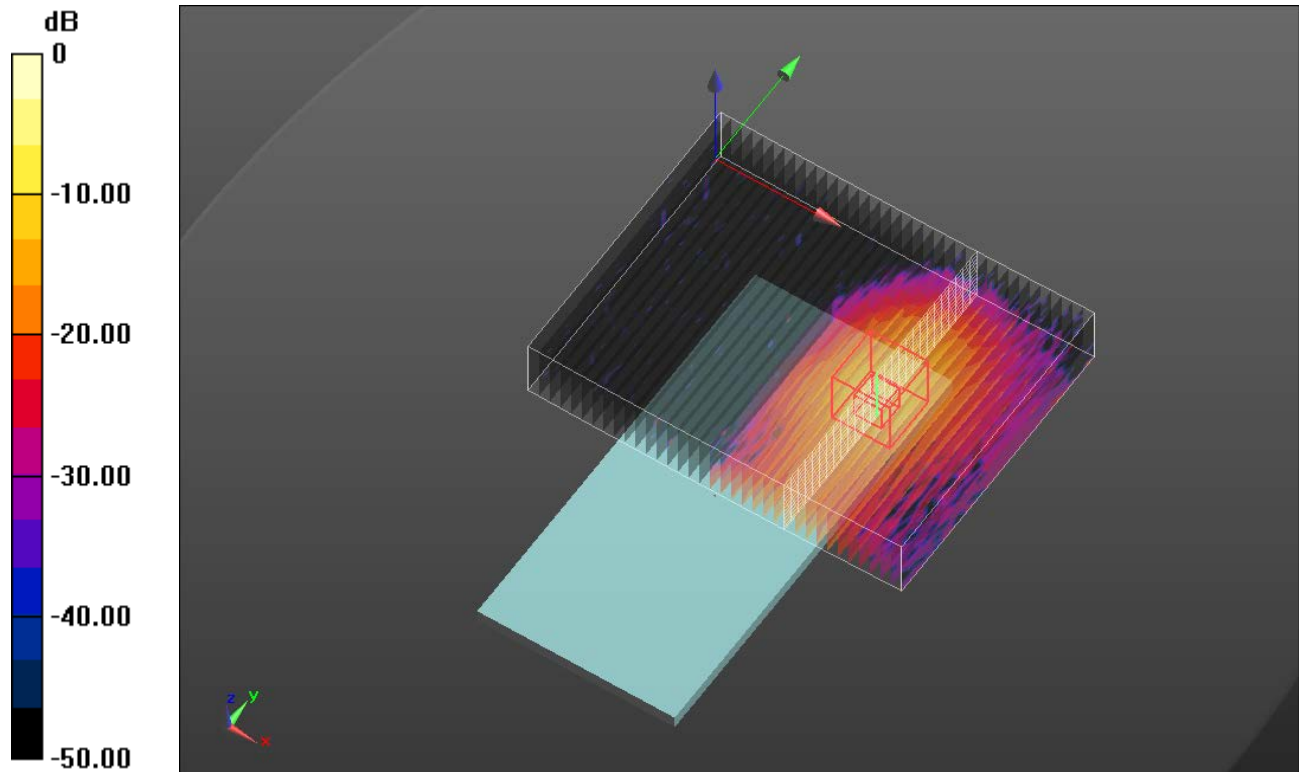
DASY Configuration for Rear/802.11ac_VHT80_ch 155 Ant 2 @10mm/Volume Scan:

DASY Configuration for Rear/802.11b_ch 11 Ant 1 @10mm /Volume Scan:

Multi Band Result:

SAR(1 g) = 0.790 W/kg; SAR(10 g) = 0.248 W/kg

Maximum value of SAR (interpolated) = 2.95 W/kg



0 dB = 2.95 W/kg = 4.70 dBW/kg

Wi-Fi 5.8 GHz_RSDB

Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5775 \text{ MHz}$; $\sigma = 6.179 \text{ S/m}$; $\epsilon_r = 46.831$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 7/11/2018
- Probe: EX3DV4 - SN7482; ConvF(4.19, 4.19, 4.19); Calibrated: 7/23/2018, ConvF(4.19, 4.19, 4.19); Calibrated: 7/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 002 AA; Serial: 1247

Rear/802.11ac_VHT80_ch 155 Ant 1 @10mm/Area Scan (15x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.213 W/kg

Rear/802.11ac_VHT80_ch 155 Ant 1 @10mm/Volume Scan (36x28x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm

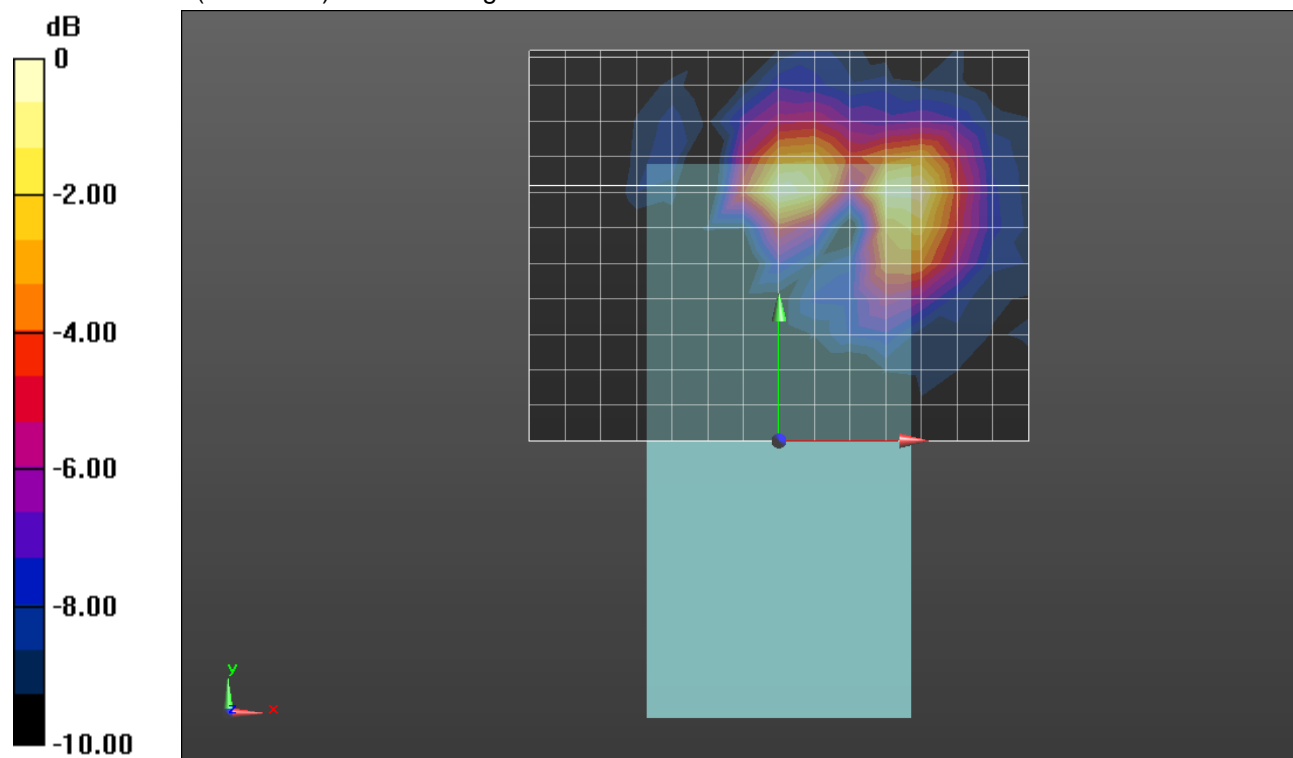
Reference Value = 5.032 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.021 W/kg

Total Absorbed Power = 0.000588 W

Maximum value of SAR (measured) = 0.212 W/kg



0 dB = 0.212 W/kg = -6.74 dBW/kg

Wi-Fi 5.8 GHz_RSDB

Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5775 \text{ MHz}$; $\sigma = 5.921 \text{ S/m}$; $\epsilon_r = 48.172$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1439; Calibrated: 7/10/2018
- Probe: EX3DV4 - SN3902; ConvF(4.19, 4.19, 4.19); Calibrated: 5/24/2018, ConvF(4.19, 4.19, 4.19); Calibrated: 5/24/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 002 Ax; Serial: 1163

Rear/802.11ac_VHT80_ch 155 Ant 2 @10mm/Area Scan (15x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.671 W/kg

Rear/802.11ac_VHT80_ch 155 Ant 2 @10mm/Volume Scan (36x28x12): Measurement grid:

dx=4mm, dy=4mm, dz=2mm

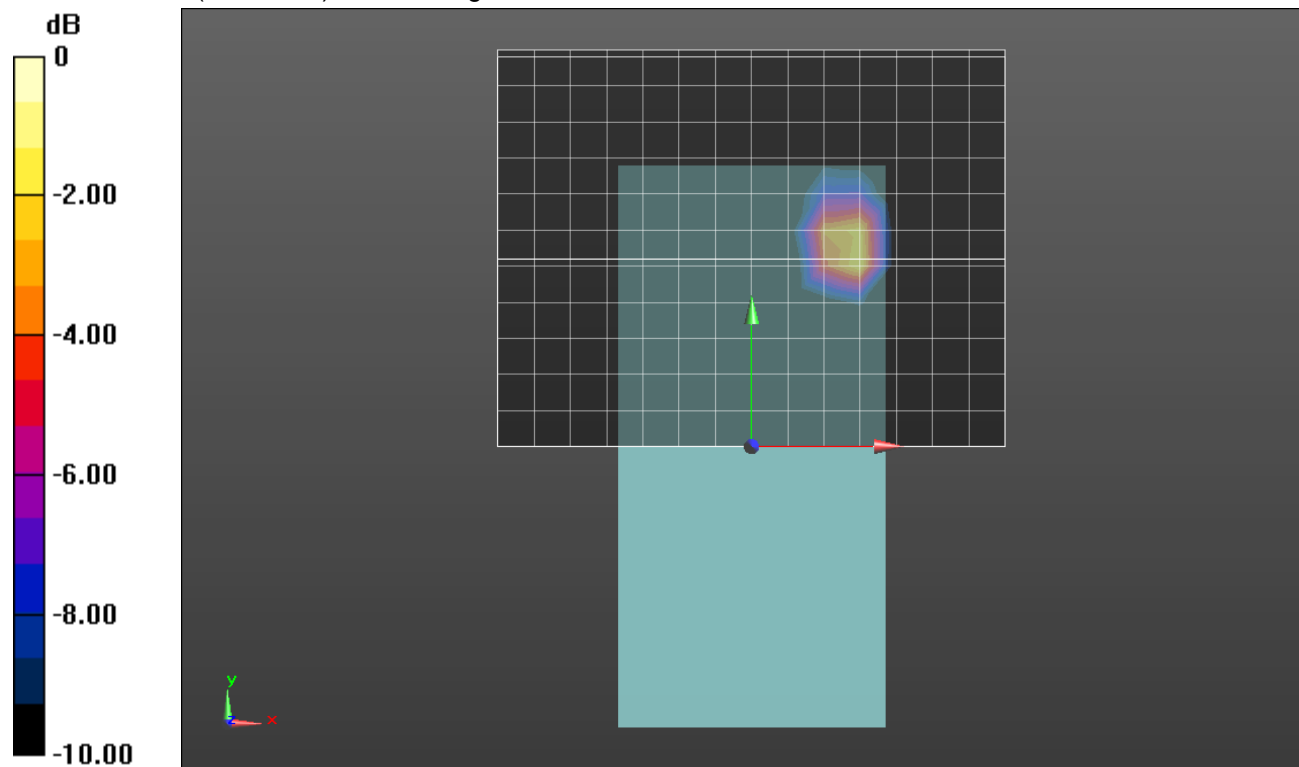
Reference Value = 8.962 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.01 W/kg

SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.100 W/kg

Total Absorbed Power = 0.00168 W

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



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

Multi-Band Average SAR

Multi-Band Configurations:

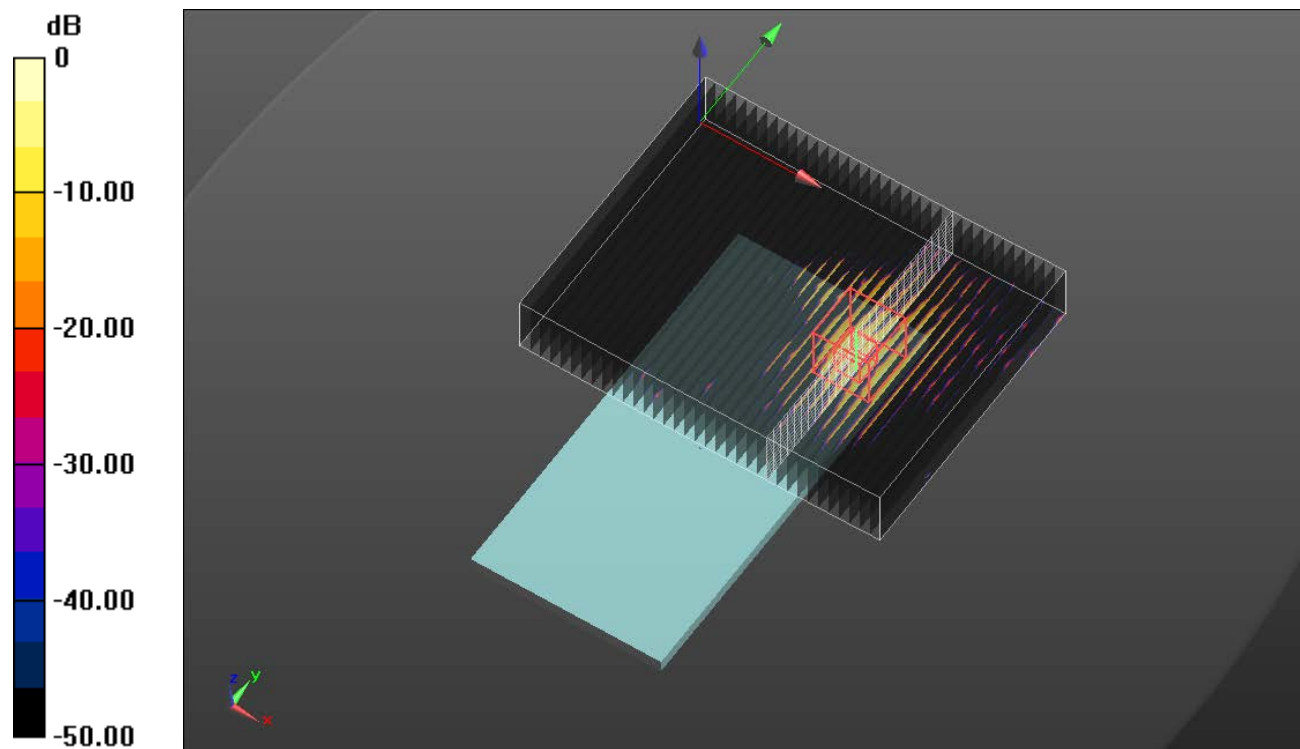
DASY Configuration for Rear/802.11ac_VHT80_ch 155 Ant 1 @10mm/Volume Scan:

DASY Configuration for Rear/802.11ac_VHT80_ch 155 Ant 2 @10mm/Volume Scan:

Multi Band Result:

SAR(1 g) = 0.664 W/kg; SAR(10 g) = 0.175 W/kg

Maximum value of SAR (interpolated) = 2.72 W/kg



0 dB = 2.72 W/kg = 4.35 dBW/kg

Wi-Fi 2.4 GHz

Frequency: 2462 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 2.041$ S/m; $\epsilon_r = 50.342$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 7/11/2018
- Probe: EX3DV4 - SN7482; ConvF(7.34, 7.34, 7.34); Calibrated: 7/23/2018, ConvF(7.34, 7.34, 7.34); Calibrated: 7/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 001 BB; Serial: 1118

Rear/802.11b_ch 11 Ant 1 @15mm /Area Scan (15x12x1): Measurement grid: dx=10mm, dy=10mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0746 W/kg

Rear/802.11b_ch 11 Ant 1 @15mm /Volume Scan (36x28x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.589 V/m; Power Drift = 0.15 dB

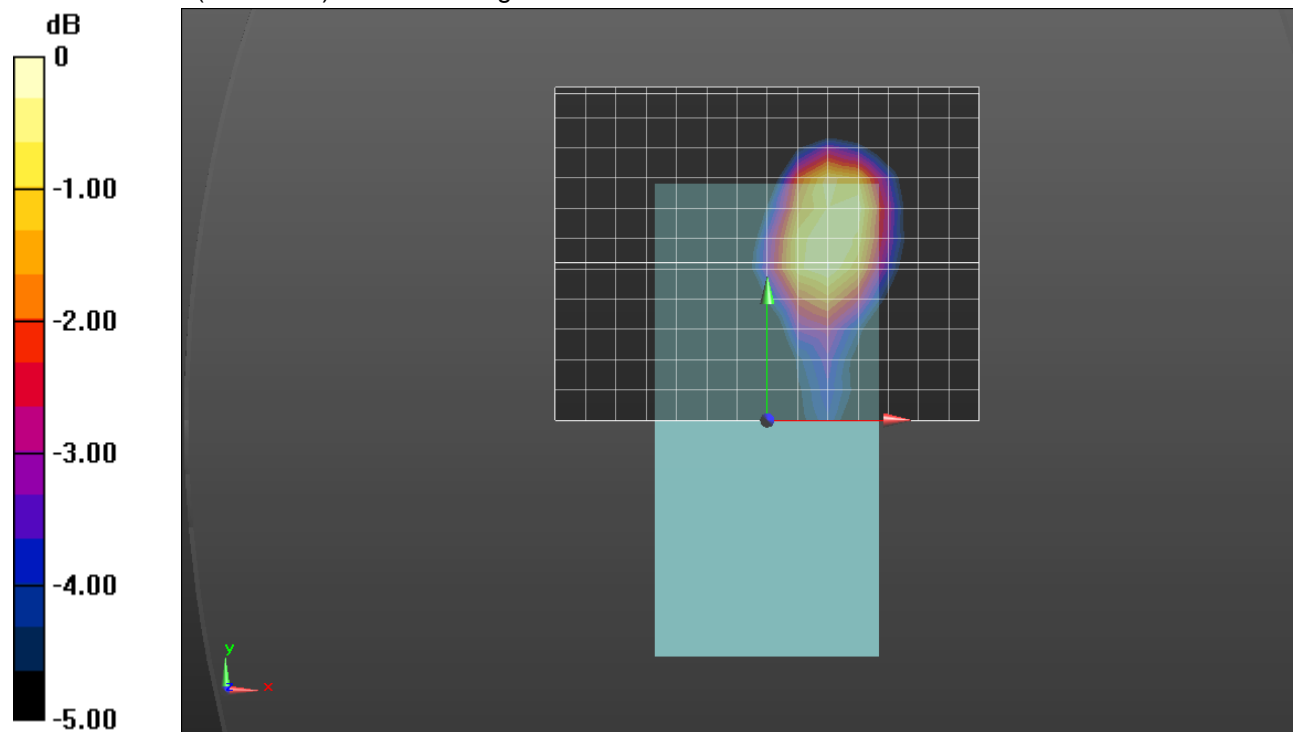
Peak SAR (extrapolated) = 0.123 W/kg

SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.027 W/kg

Total Absorbed Power = 0.00151 W

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.0802 W/kg



0 dB = 0.0802 W/kg = -10.96 dBW/kg

Wi-Fi 5.6GHz

Frequency: 5690 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5690$ MHz; $\sigma = 5.813$ S/m; $\epsilon_r = 47.3$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1548; Calibrated: 5/3/2018
- Probe: EX3DV4 - SN3990; ConvF(4.44, 4.44, 4.44); Calibrated: 8/17/2018, ConvF(4.44, 4.44, 4.44); Calibrated: 8/17/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

Rear/802.11ac VHT80 Ch 138 Ant 2 RSDB/Area Scan (15x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.43 W/kg

Rear/802.11ac VHT80 Ch 138 Ant 2 RSDB/Volume Scan (36x28x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm

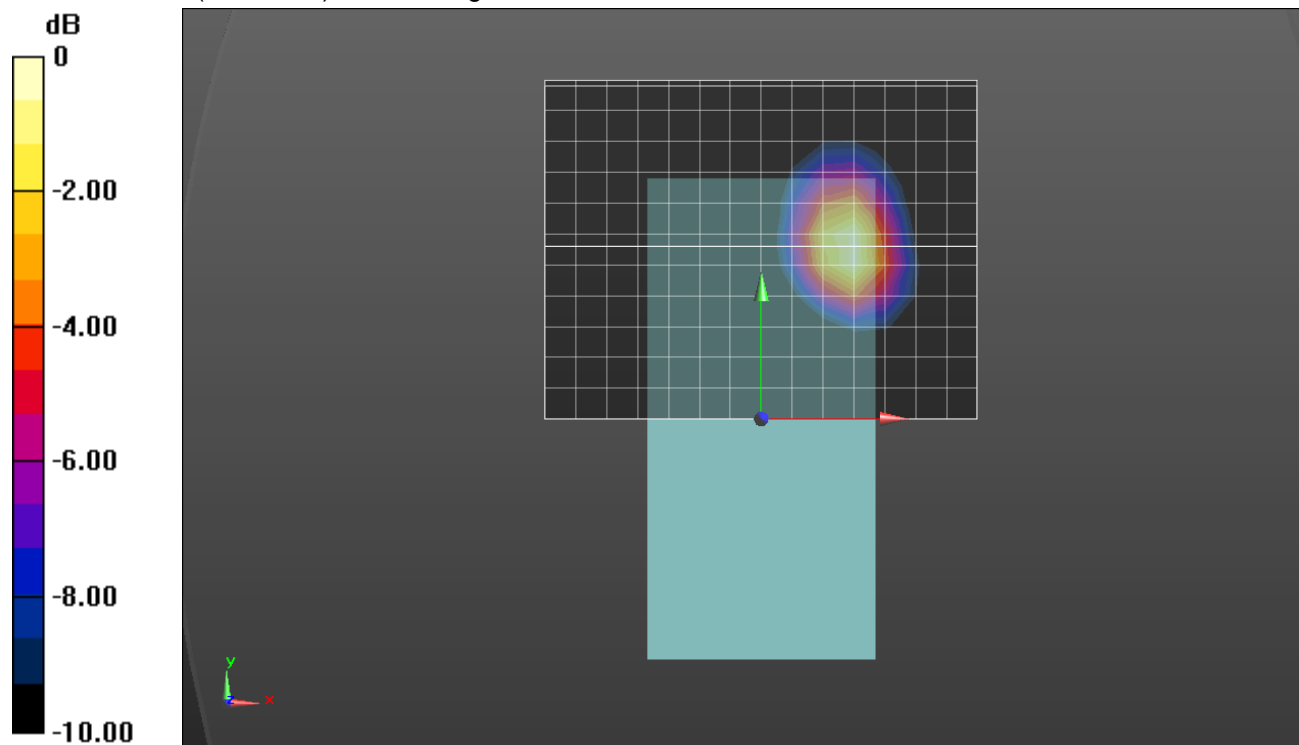
Reference Value = 13.47 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.90 W/kg

SAR(1 g) = 0.673 W/kg; SAR(10 g) = 0.249 W/kg

Total Absorbed Power = 0.0105 W

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



0 dB = 1.54 W/kg = 1.88 dBW/kg

Multi-Band Average SAR

Multi-Band Configurations:

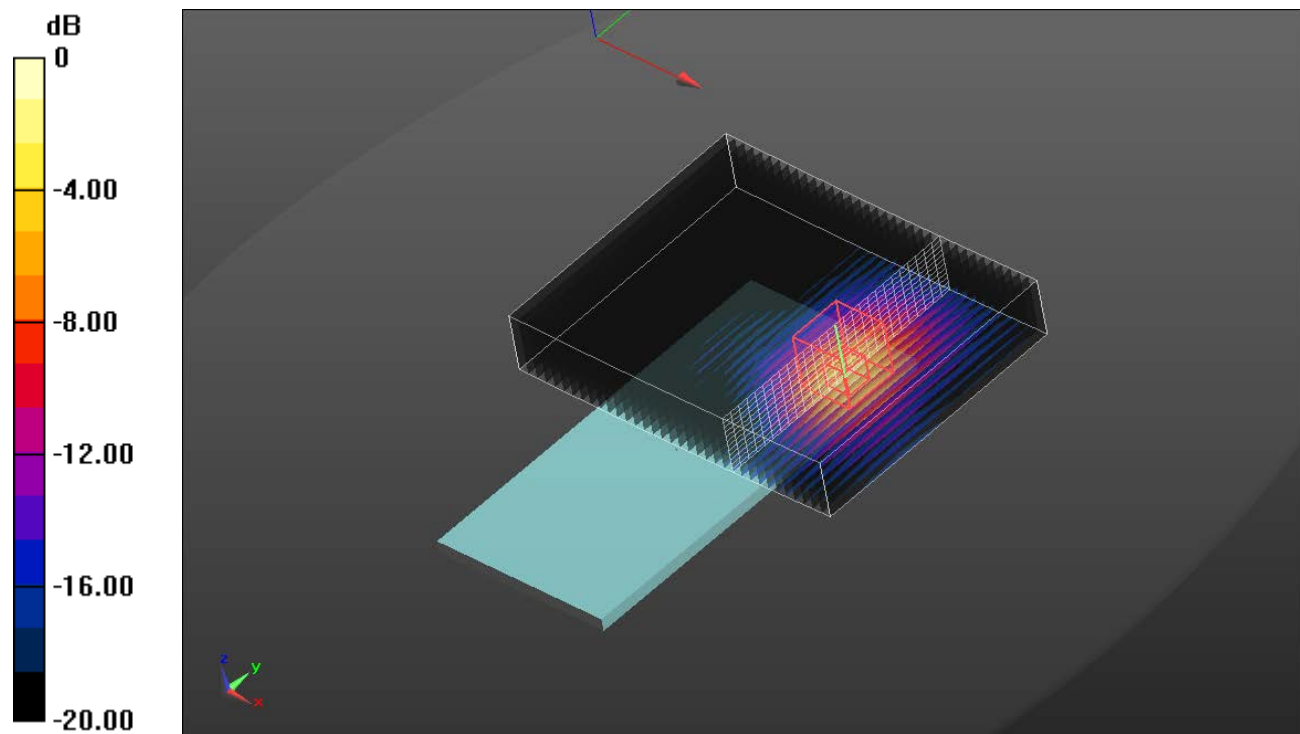
DASY Configuration for Rear/802.11b_ch 11 Ant 1 @15mm/Volume Scan:

DASY Configuration for Rear/802.11ac VHT80 Ch 138 Ant 2 RSDB/Volume Scan:

Multi Band Result:

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.418 W/kg

Maximum value of SAR (interpolated) = 4.07 W/kg



0 dB = 4.07 W/kg = 6.10 dBW/kg

Wi-Fi 5.3 GHz

Frequency: 5290 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5290$ MHz; $\sigma = 5.395$ S/m; $\epsilon_r = 48.896$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN7463; ConvF(4.57, 4.57, 4.57); Calibrated: 7/20/2018, ConvF(4.57, 4.57, 4.57); Calibrated: 7/20/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

Rear/802.11ac_VHT80_ch 58 Ant 1 @15mm/Area Scan (15x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.233 W/kg

Rear/802.11ac_VHT80_ch 58 Ant 1 @15mm/Volume Scan (36x28x12): Measurement grid:

dx=4mm, dy=4mm, dz=2mm

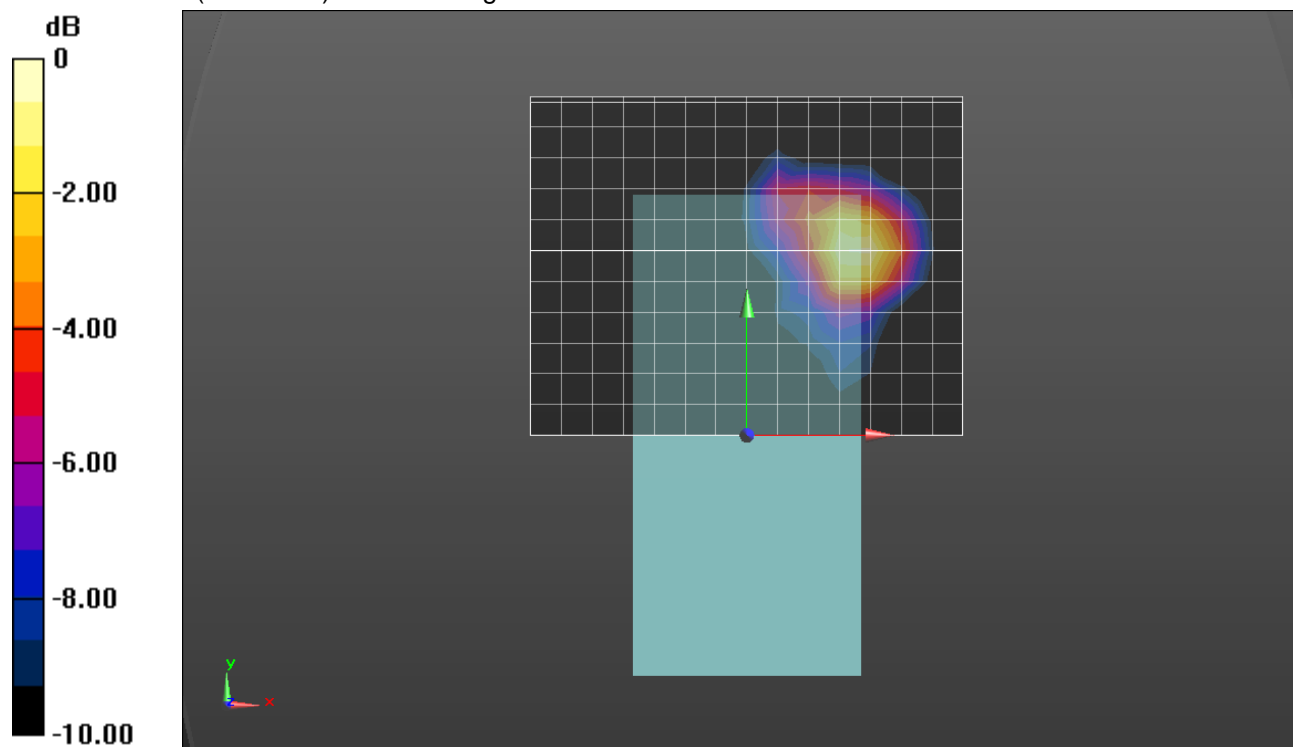
Reference Value = 5.978 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.393 W/kg

SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.039 W/kg

Total Absorbed Power = 0.00101 W

Maximum value of SAR (measured) = 0.261 W/kg



0 dB = 0.261 W/kg = -5.83 dBW/kg

Wi-Fi 5.6GHz

Frequency: 5690 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5690$ MHz; $\sigma = 5.813$ S/m; $\epsilon_r = 47.3$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1548; Calibrated: 5/3/2018
- Probe: EX3DV4 - SN3990; ConvF(4.44, 4.44, 4.44); Calibrated: 8/17/2018, ConvF(4.44, 4.44, 4.44); Calibrated: 8/17/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

Rear/802.11ac VHT80 Ch 138 Ant 2 RSDB/Area Scan (15x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.43 W/kg

Rear/802.11ac VHT80 Ch 138 Ant 2 RSDB/Volume Scan (36x28x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm

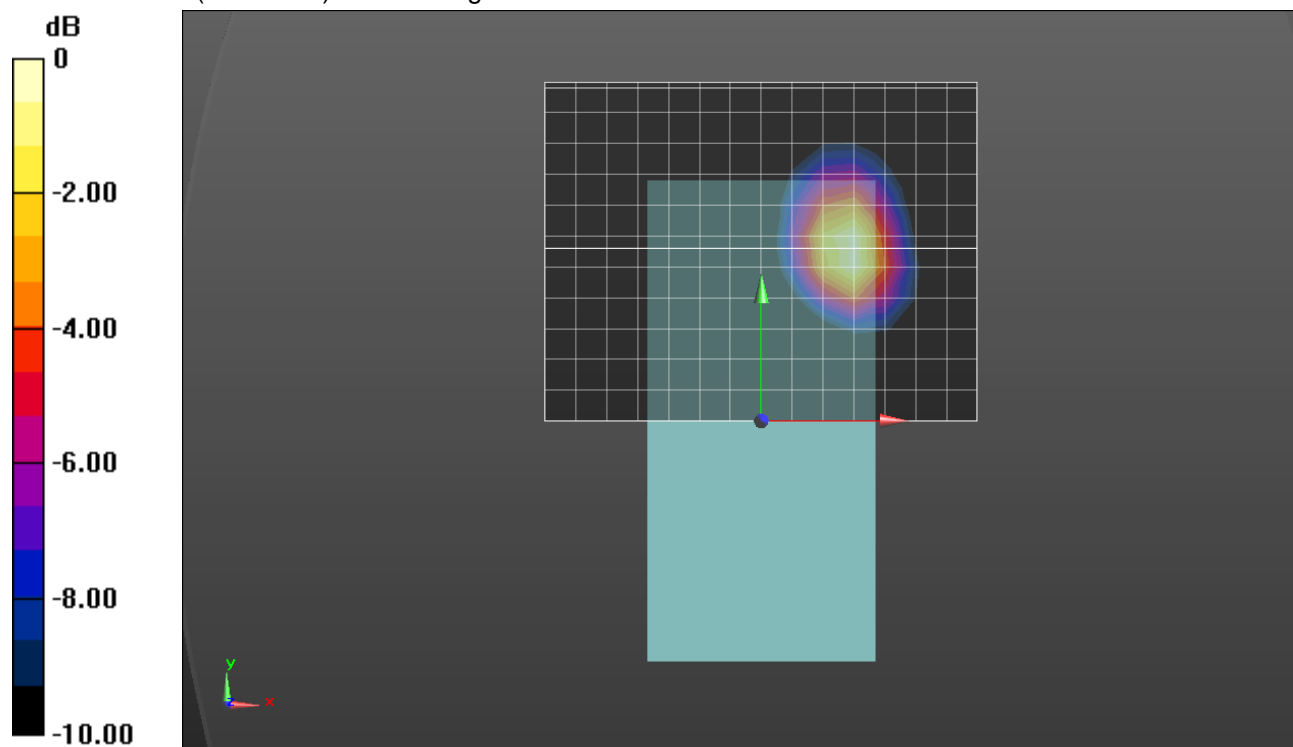
Reference Value = 13.47 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.90 W/kg

SAR(1 g) = 0.673 W/kg; SAR(10 g) = 0.249 W/kg

Total Absorbed Power = 0.0105 W

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



0 dB = 1.54 W/kg = 1.88 dBW/kg

Multi-Band Average SAR

Multi-Band Configurations:

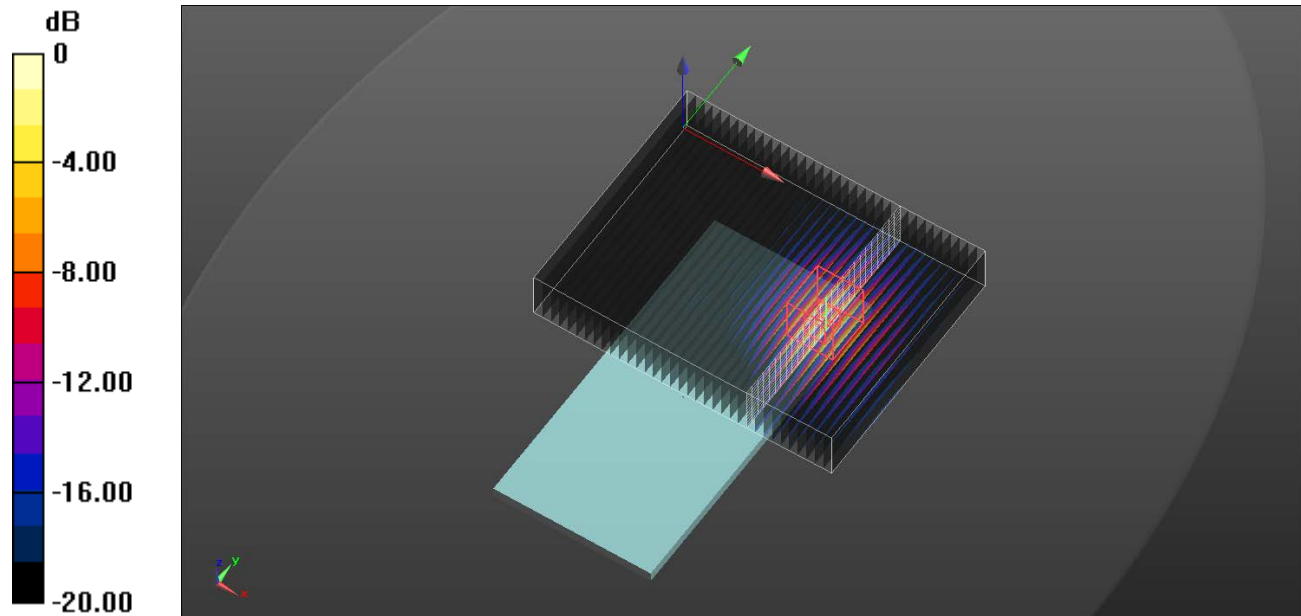
DASY Configuration for Rear/802.11ac_VHT80_ch 58 Ant 1 @15mm/Volume Scan:

DASY Configuration for Rear/802.11ac VHT80 Ch 138 Ant 2 RSDB/Volume Scan:

Multi Band Result:

SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.443 W/kg

Maximum value of SAR (interpolated) = 4.47 W/kg



0 dB = 4.47 W/kg = 6.50 dBW/kg

Wi-Fi 5.6 GHz

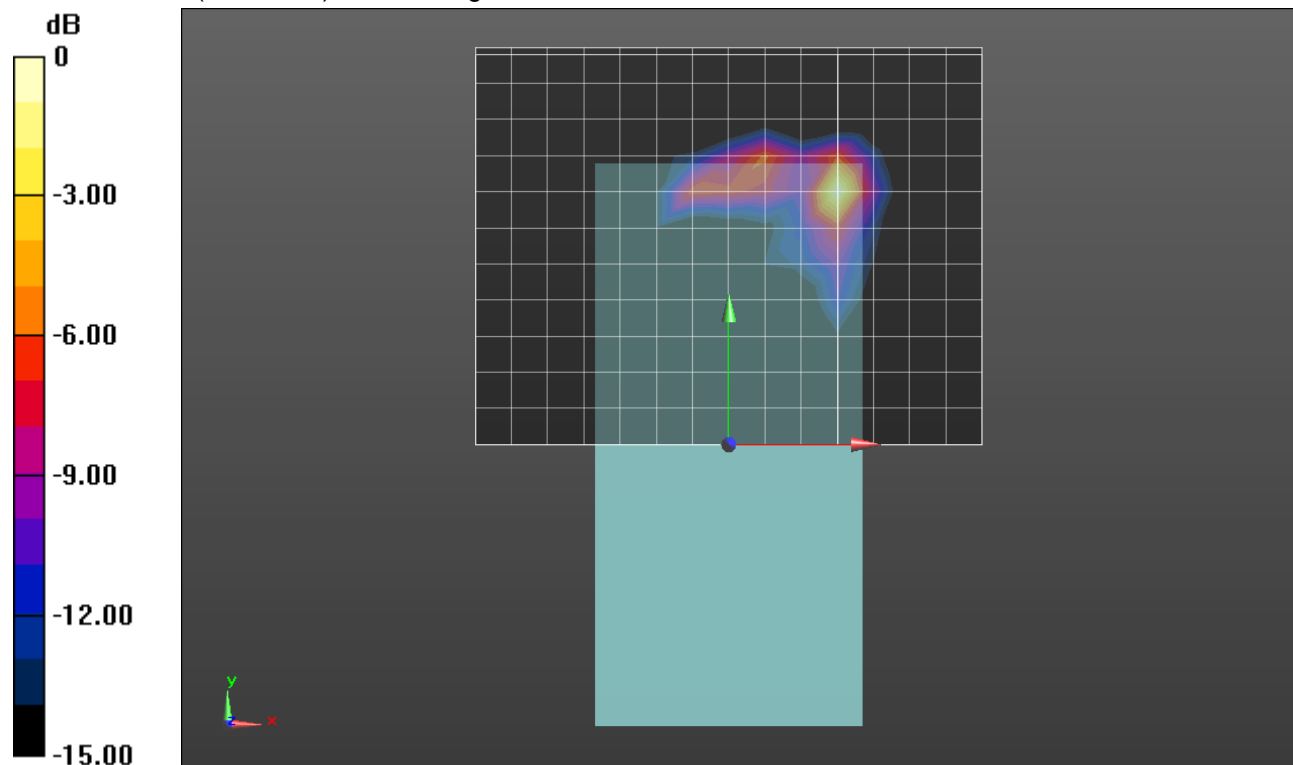
Frequency: 5620 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5620 \text{ MHz}$; $\sigma = 5.737 \text{ S/m}$; $\epsilon_r = 48.568$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1439; Calibrated: 7/10/2018
- Probe: EX3DV4 - SN3902; ConvF(3.99, 3.99, 3.99); Calibrated: 5/24/2018, ConvF(3.99, 3.99, 3.99); Calibrated: 5/24/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 002 Ax; Serial: 1163

Rear/802.11a_ch 124 Ant 1 @0mm/Area Scan (15x12x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 7.26 W/kg

Rear/802.11a_ch 124 Ant 1 @0mm/Volume Scan (36x28x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 26.62 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 16.9 W/kg
SAR(1 g) = 2.59 W/kg; SAR(10 g) = 0.518 W/kg
 Total Absorbed Power = 0.0209 W
 Maximum value of SAR (measured) = 7.55 W/kg



0 dB = 7.55 W/kg = 8.78 dBW/kg

Wi-Fi 5.6 GHz CH 116

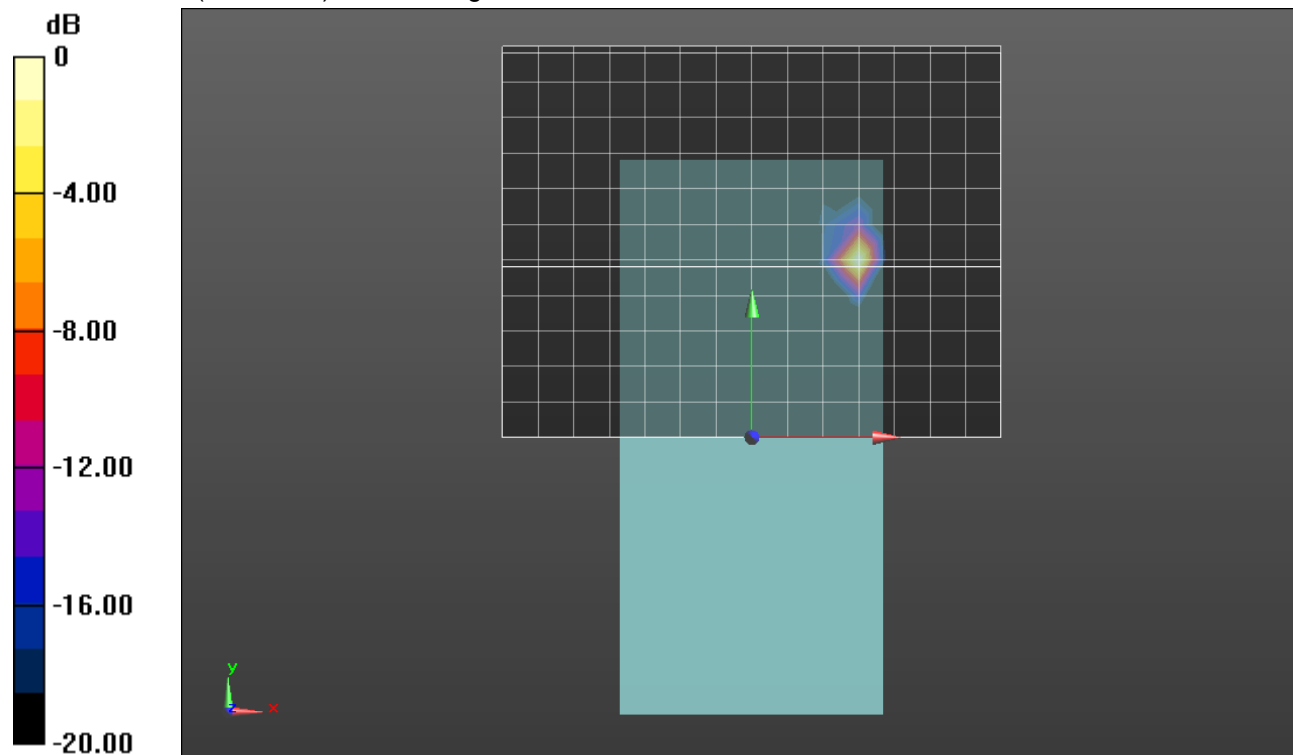
Frequency: 5580 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 5.714 \text{ S/m}$; $\epsilon_r = 47.1$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 7/11/2018
- Probe: EX3DV4 - SN7482; ConvF(4.05, 4.05, 4.05); Calibrated: 7/23/2018, ConvF(4.05, 4.05, 4.05); Calibrated: 7/23/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 002 AA; Serial: 1247

Rear/802.11a_ch 116 Ant 2 @0mm/Area Scan (15x12x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 65.2 W/kg

Rear/802.11a_ch 116 Ant 2 @0mm/Volume Scan (36x28x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 62.71 V/m; Power Drift = -0.17 dB
 Peak SAR (extrapolated) = 140 W/kg
SAR(1 g) = 12.6 W/kg; SAR(10 g) = 1.79 W/kg
 Total Absorbed Power = 0.0199 W
 Maximum value of SAR (measured) = 50.4 W/kg



0 dB = 50.4 W/kg = 17.02 dBW/kg

Multi-Band Average SAR

Multi-Band Configurations:

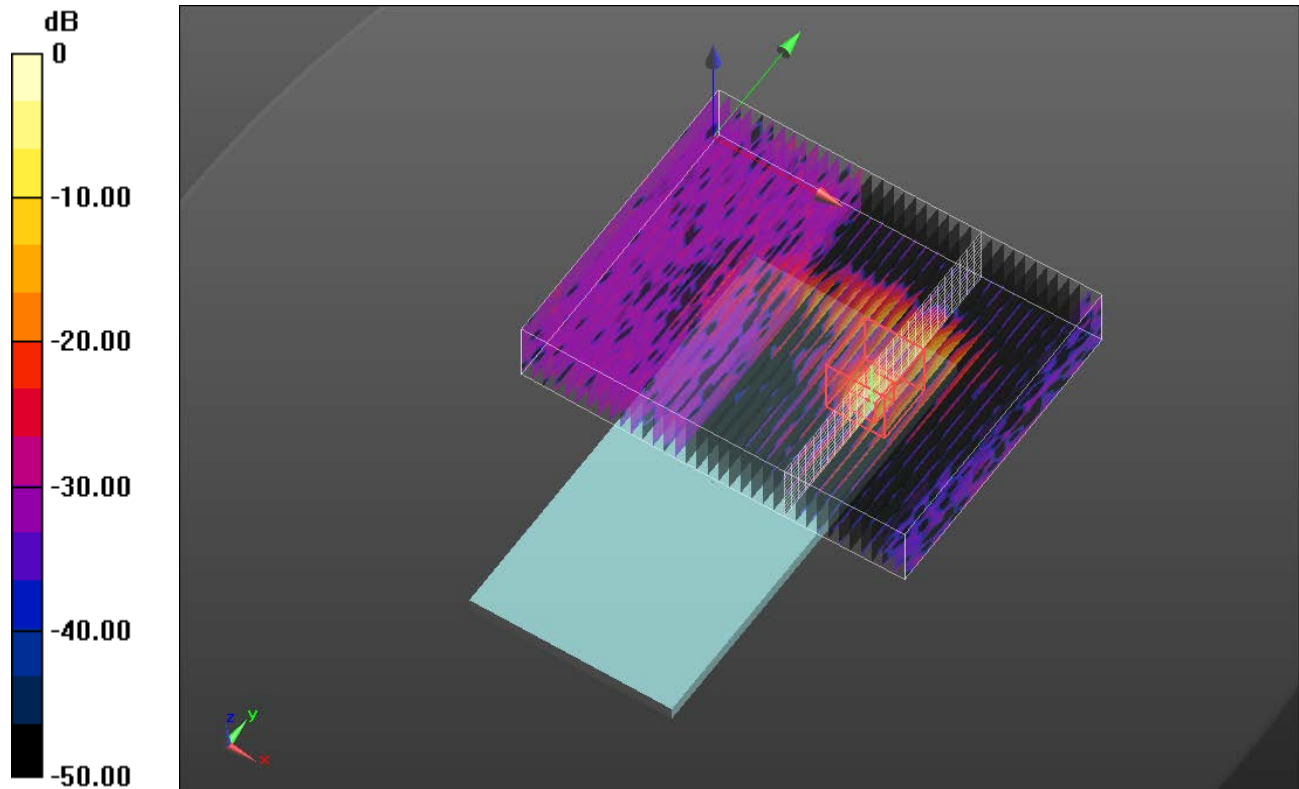
DASY Configuration for Rear/802.11a_ch 124 Ant 1 @0mm/Volume Scan:

DASY Configuration for Rear/802.11a_ch 116 Ant 2 @0mm/Volume Scan:

Multi Band Result:

SAR(1 g) = 12.7 W/kg; SAR(10 g) = 1.93 W/kg

Maximum value of SAR (interpolated) = 75.0 W/kg



0 dB = 75.0 W/kg = 18.75 dBW/kg

Wi-Fi 5.3 GHz

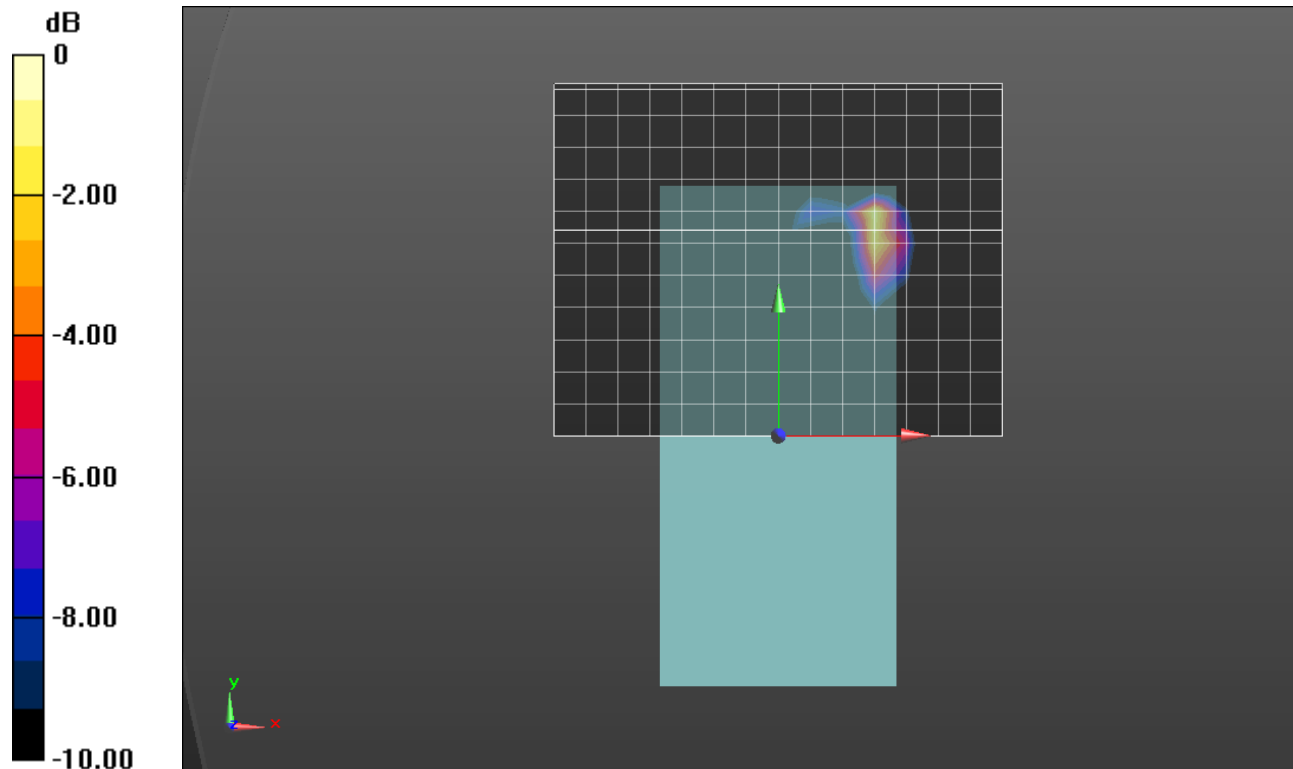
Frequency: 5260 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 5260$ MHz; $\sigma = 5.448$ S/m; $\epsilon_r = 48.894$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN7463; ConvF(4.57, 4.57, 4.57); Calibrated: 7/20/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

Rear/802.11a_ch 52 Ant 1 @0mm/Area Scan (15x12x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 8.15 W/kg

Rear/802.11a_ch 52 Ant 1 @0mm/Volume Scan (36x28x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 33.72 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 20.1 W/kg
SAR(1 g) = 3.84 W/kg; SAR(10 g) = 1.02 W/kg
Total Absorbed Power = 0.0199 W
Maximum value of SAR (measured) = 10.6 W/kg



0 dB = 10.6 W/kg = 10.25 dBW/kg

Wi-Fi 5.3 GHz

Frequency: 5280 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5280$ MHz; $\sigma = 5.195$ S/m; $\epsilon_r = 49.392$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1472; Calibrated: 3/8/2018
- Probe: EX3DV4 - SN7498; ConvF(4.83, 4.83, 4.83); Calibrated: 5/4/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1121

Rear/802.11a_ch 56 Ant 2 @0mm/Area Scan (15x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 74.8 W/kg

Rear/802.11a_ch 56 Ant 2 @0mm /Volume Scan (36x28x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm

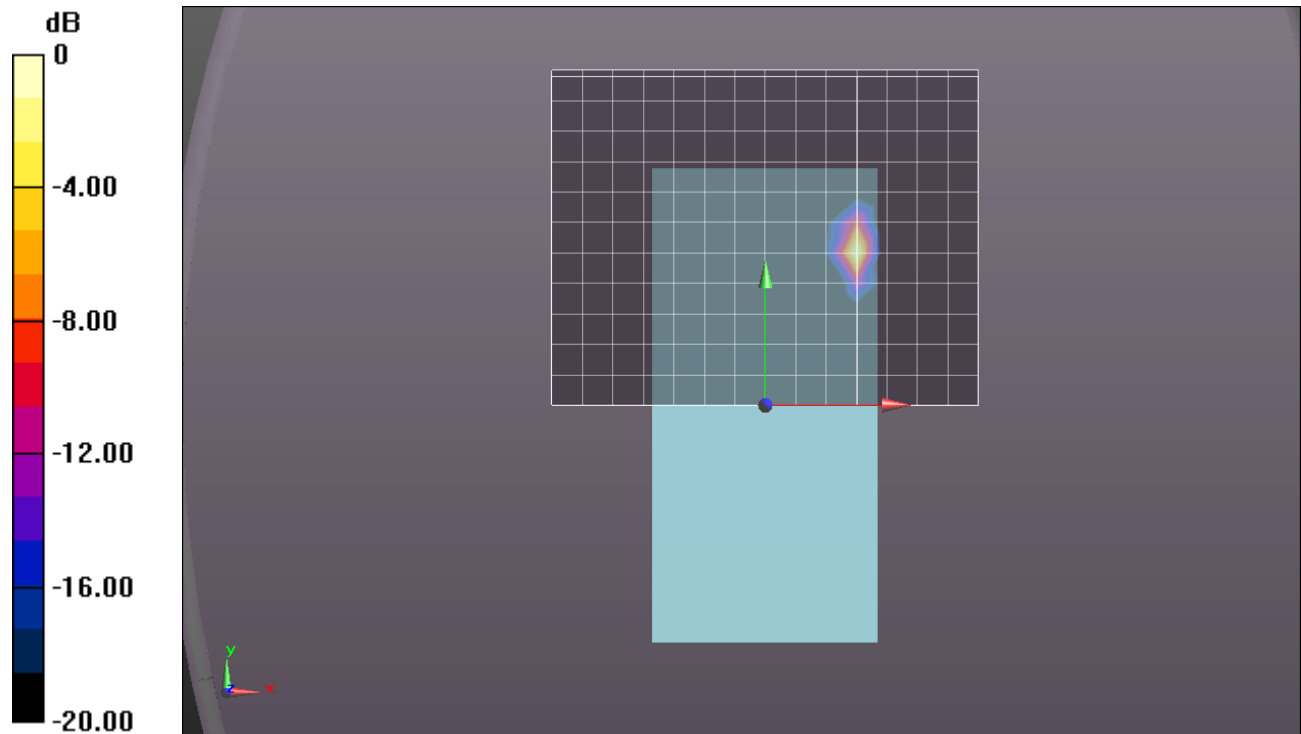
Reference Value = 80.981 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 167 W/kg

SAR(1 g) = 19.5 W/kg; SAR(10 g) = 3.2 W/kg

Total Absorbed Power = 0.0420 W

Maximum value of SAR (measured) = 75.7 W/kg



0 dB = 75.7 W/kg = 18.79 dBW/kg

Multi-Band Average SAR

Multi-Band Configurations:

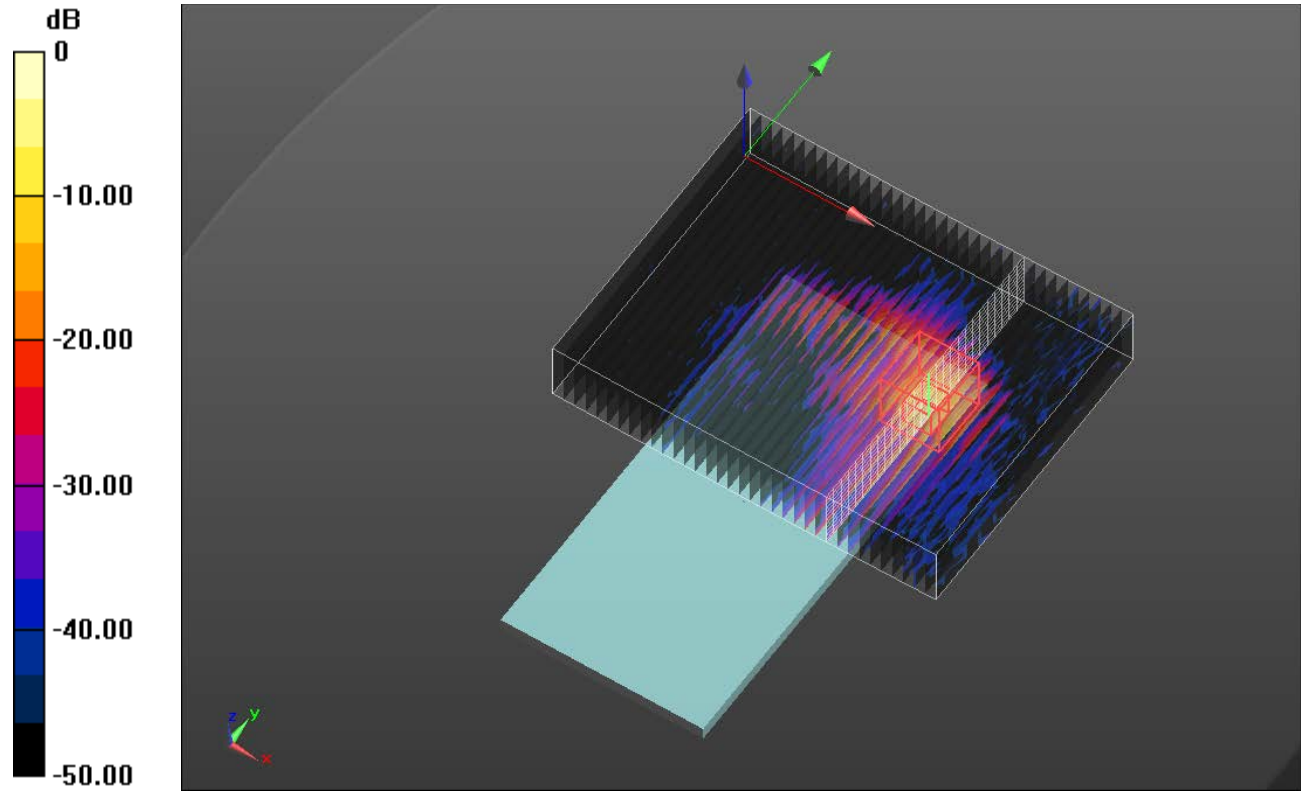
DASY Configuration for Rear/802.11a_ch 52 Ant 1 @0mm/Volume Scan:

DASY Configuration for Rear/802.11a_ch 56 Ant 2 @0mm/Volume Scan:

Multi Band Result:

SAR(1 g) = 19.3 W/kg; SAR(10 g) = 3.74 W/kg

Maximum value of SAR (interpolated) = 113 W/kg



0 dB = 113 W/kg = 20.53 dBW/kg

Wi-Fi 5.6 GHz RSDB

Frequency: 5690 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5690$ MHz; $\sigma = 5.918$ S/m; $\epsilon_r = 48.703$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1540; Calibrated: 2/23/2018
- Probe: EX3DV4 - SN3885; ConvF(4.16, 4.16, 4.16); Calibrated: 9/18/2018, ConvF(4.16, 4.16, 4.16); Calibrated: 9/18/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 002 AA; Serial: 1099

Rear/802.11ac VHT80_ch 138 Ant 1 @0mm/Area Scan (15x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.70 W/kg

Rear/802.11ac VHT80_ch 138 Ant 1 @0mm/Volume Scan (36x28x12): Measurement grid:

dx=4mm, dy=4mm, dz=2mm

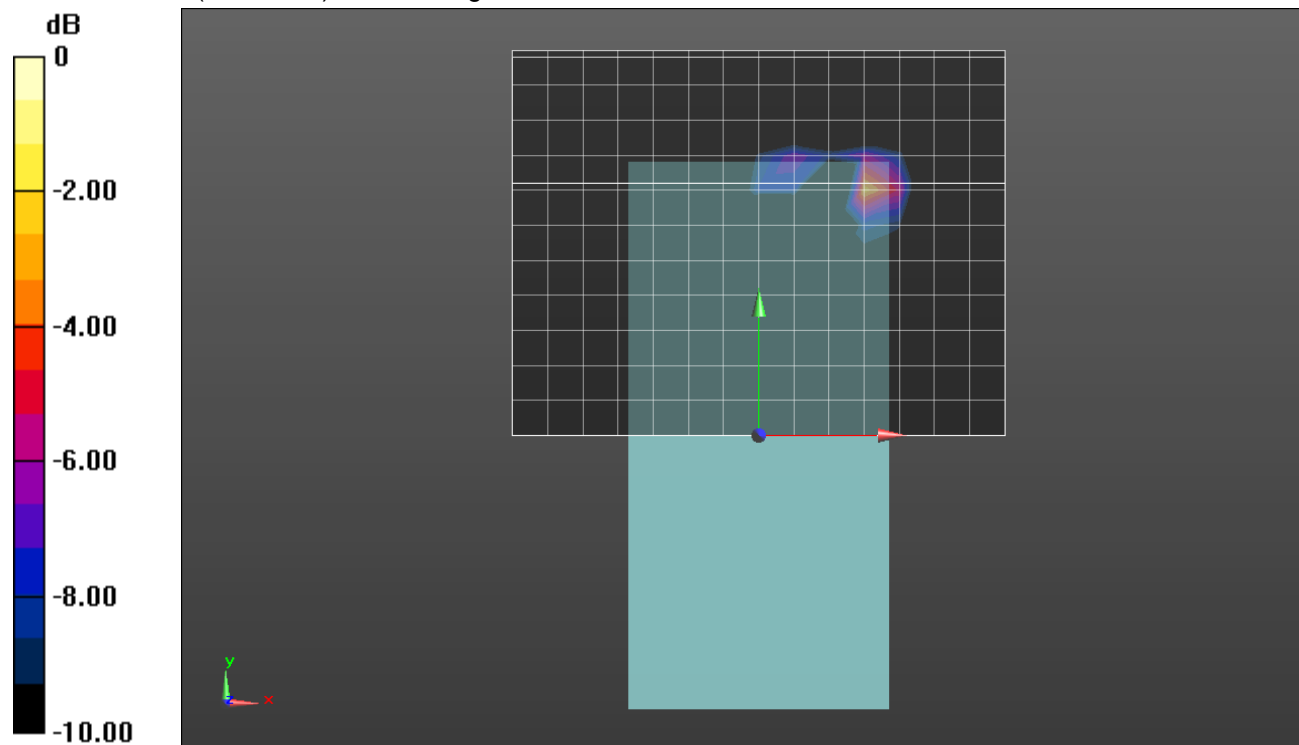
Reference Value = 15.13 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 6.33 W/kg

SAR(1 g) = 0.982 W/kg; SAR(10 g) = 0.202 W/kg

Total Absorbed Power = 0.0126 W

Maximum value of SAR (measured) = 3.29 W/kg



0 dB = 3.29 W/kg = 5.17 dBW/kg

Wi-Fi 5.3GHz RSDB

Frequency: 5290 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5290 \text{ MHz}$; $\sigma = 5.383 \text{ S/m}$; $\epsilon_r = 49.326$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1540; Calibrated: 2/23/2018
- Probe: EX3DV4 - SN3885; ConvF(4.33, 4.33, 4.33); Calibrated: 9/18/2018, ConvF(4.33, 4.33, 4.33); Calibrated: 9/18/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 6/7; Type: QD OVA 002 AA; Serial: 1099

Rear/802.11ac VHT80_ch 58 Ant 2 @0mm/Area Scan (15x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 23.0 W/kg

Rear/802.11ac VHT80_ch 58 Ant 2 @0mm/Volume Scan (36x28x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm

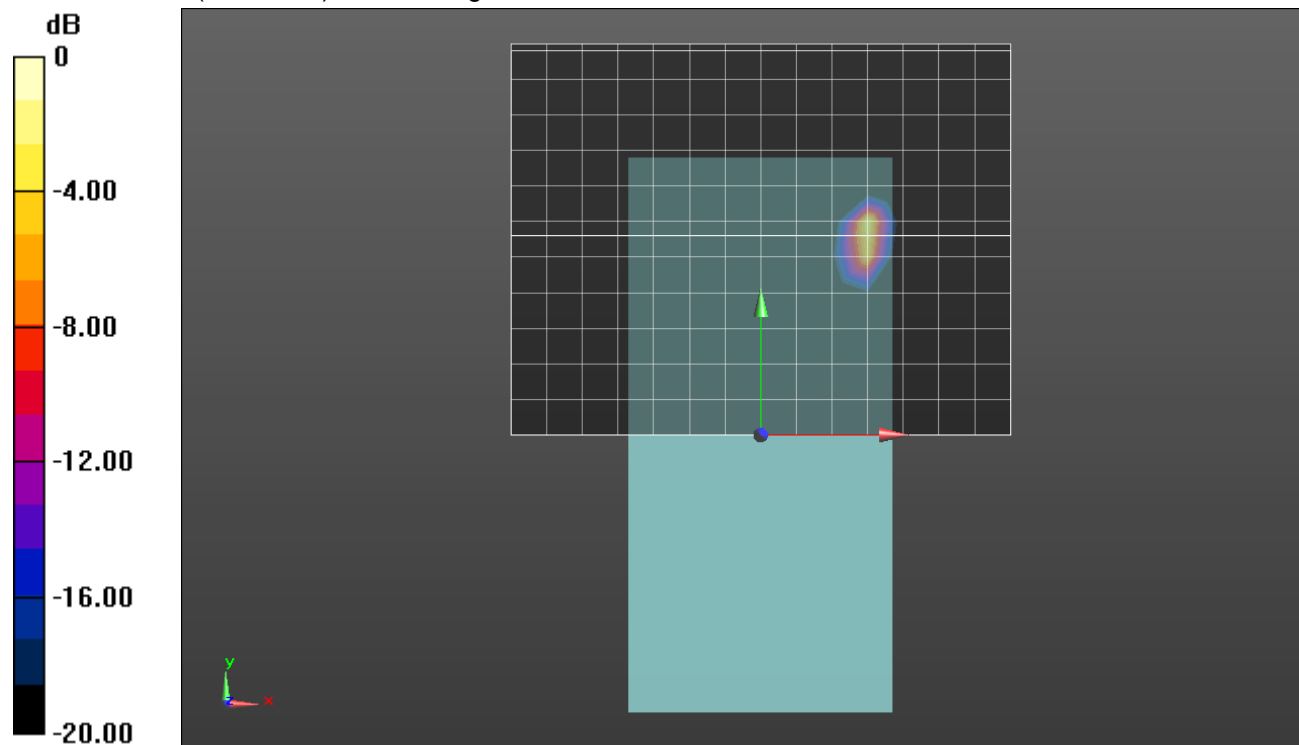
Reference Value = 56.51 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 79.0 W/kg

SAR(1 g) = 8.59 W/kg; SAR(10 g) = 1.31 W/kg

Total Absorbed Power = 0.0275 W

Maximum value of SAR (measured) = 39.4 W/kg



0 dB = 39.4 W/kg = 15.95 dBW/kg

Multi-Band Average SAR

Multi-Band Configurations:

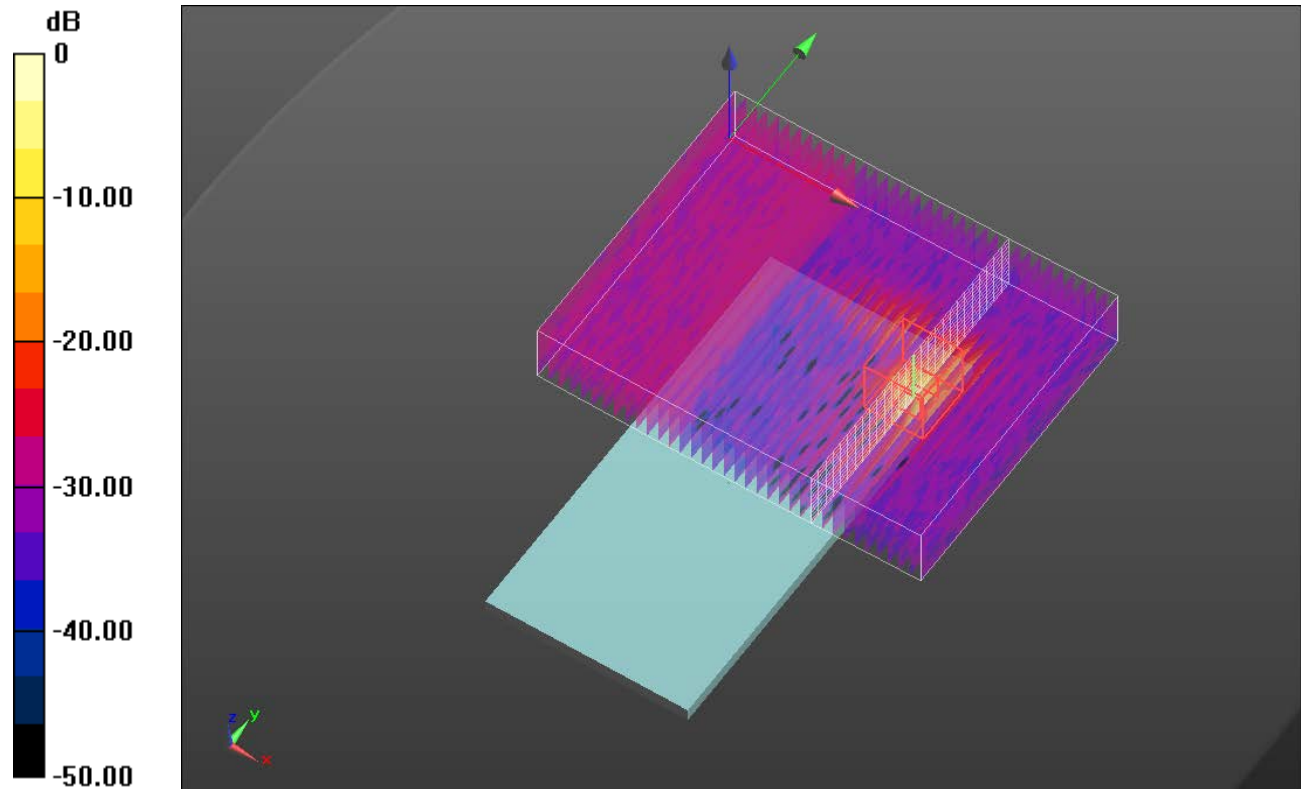
DASY Configuration for Rear/802.11ac VHT80_ch 138 Ant 1 @0mm /Volume Scan:

DASY Configuration for Rear/802.11ac VHT80_ch 58 Ant 2 @0mm/Volume Scan:

Multi Band Result:

SAR(1 g) = 14.8 W/kg; SAR(10 g) = 2.34 W/kg

Maximum value of SAR (interpolated) = 123 W/kg



0 dB = 123 W/kg = 20.90 dBW/kg

Wi-Fi 5.3 GHz

Frequency: 5290 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5290 \text{ MHz}$; $\sigma = 5.395 \text{ S/m}$; $\epsilon_r = 48.896$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1359; Calibrated: 2/9/2018
- Probe: EX3DV4 - SN7463; ConvF(4.57, 4.57, 4.57); Calibrated: 7/20/2018, ConvF(4.57, 4.57, 4.57); Calibrated: 7/20/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

Rear/802.11ac_VHT80_ch 58 Ant 1 @0mm/Area Scan (15x12x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 2.87 W/kg

Rear/802.11ac_VHT80_ch 58 Ant 1 @0mm/Volume Scan (36x28x12): Measurement grid: dx=4mm, dy=4mm, dz=2mm

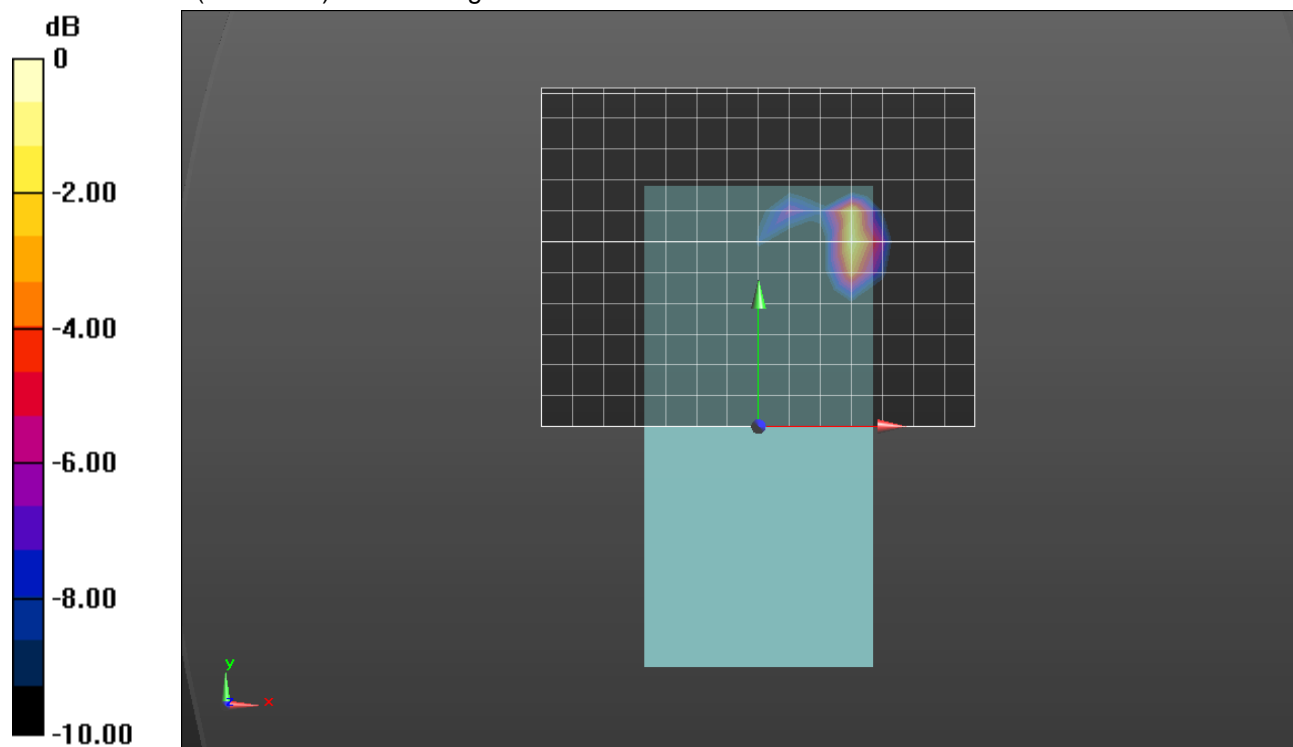
Reference Value = 20.64 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 5.45 W/kg

SAR(1 g) = 1.35 W/kg; SAR(10 g) = 0.348 W/kg

Total Absorbed Power = 0.00652 W

Maximum value of SAR (measured) = 3.54 W/kg



0 dB = 3.54 W/kg = 5.49 dBW/kg

Wi-Fi 5.6 GHz

Frequency: 5690 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5690$ MHz; $\sigma = 5.813$ S/m; $\epsilon_r = 47.3$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1548; Calibrated: 5/3/2018
- Probe: EX3DV4 - SN3990; ConvF(4.44, 4.44, 4.44); Calibrated: 8/17/2018, ConvF(4.44, 4.44, 4.44); Calibrated: 8/17/2018;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V5.0 Slot 1/2; Type: QD OVA 002 Ax; Serial: 1119

Rear/802.11ac_VHT80_ch 138 Ant 2 @0mm/Area Scan (15x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 27.8 W/kg

Rear/802.11ac_VHT80_ch 138 Ant 2 @0mm/Volume Scan (36x28x12): Measurement grid:

dx=4mm, dy=4mm, dz=2mm

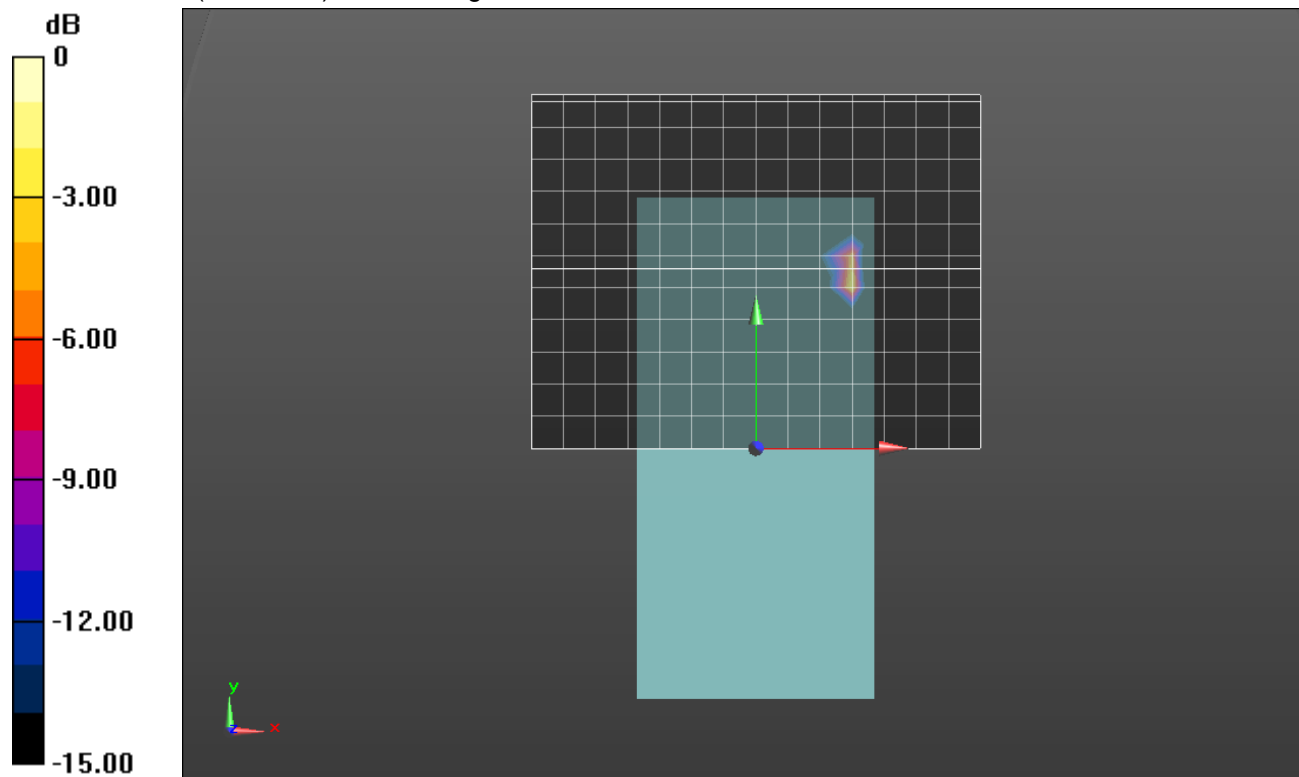
Reference Value = 41.48 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 113 W/kg

SAR(1 g) = 10.8 W/kg; SAR(10 g) = 1.71 W/kg

Total Absorbed Power = 0.0197 W

Maximum value of SAR (measured) = 50.5 W/kg



0 dB = 50.5 W/kg = 17.03 dBW/kg

Multi-Band Average SAR

Multi-Band Configurations:

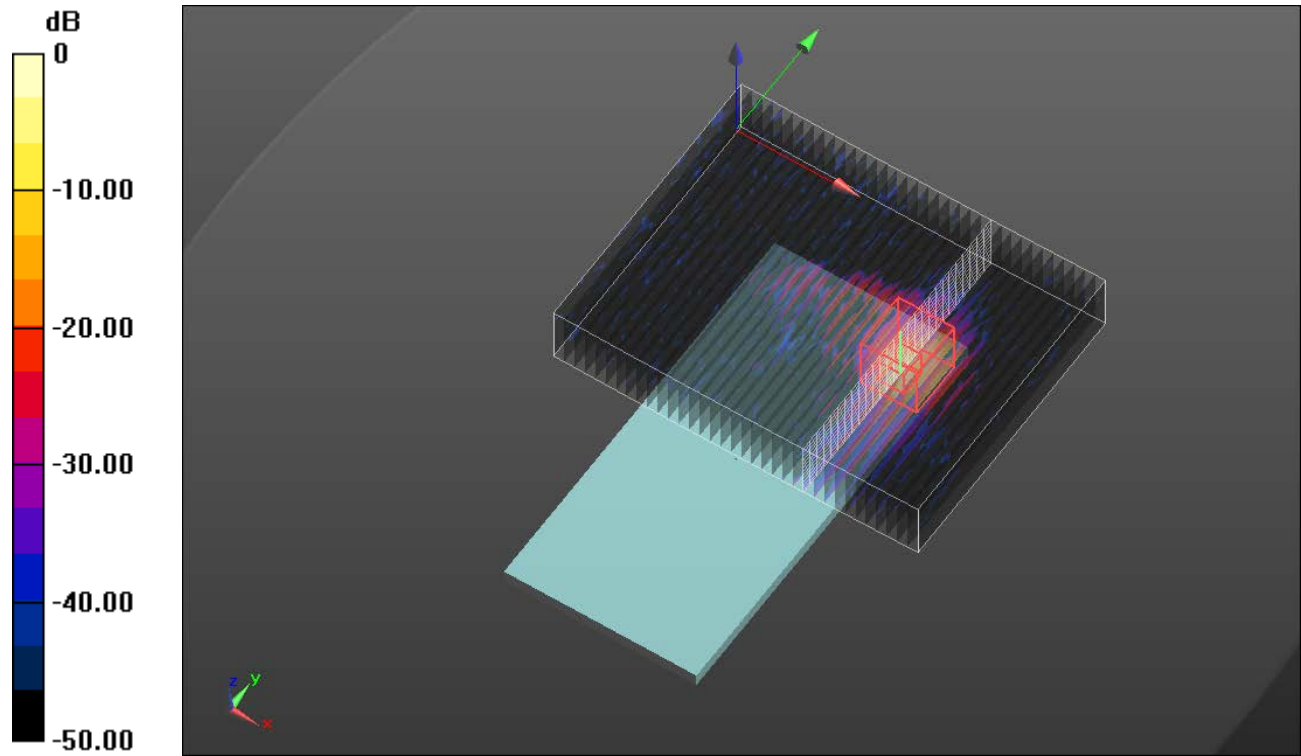
DASY Configuration for Rear/802.11ac_VHT80_ch 58 Ant 1 @0mm/Volume Scan:

DASY Configuration for Rear/802.11ac_VHT80_ch 138 Ant 2 @0mm/Volume Scan:

Multi Band Result:

SAR(1 g) = 17.7 W/kg; SAR(10 g) = 3.14 W/kg

Maximum value of SAR (interpolated) = 121 W/kg



0 dB = 121 W/kg = 20.83 dBW/kg