

#50_FR1 n26_20M_BPSK_1_1_Front_0mm_Ch166300

Communication System: 5G NR; Frequency: 831.500 MHz

Medium: HSL_835_231223 Medium parameters used: $f = 831.500$ MHz; $\sigma = 0.920$ S/m; $\epsilon_r = 43.0$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.2°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(8.54, 8.54, 9.33); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10931-AAC

Area Scan (120.0 mm x 120.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.250 W/kg; SAR (10g) = 0.173 W/kg;

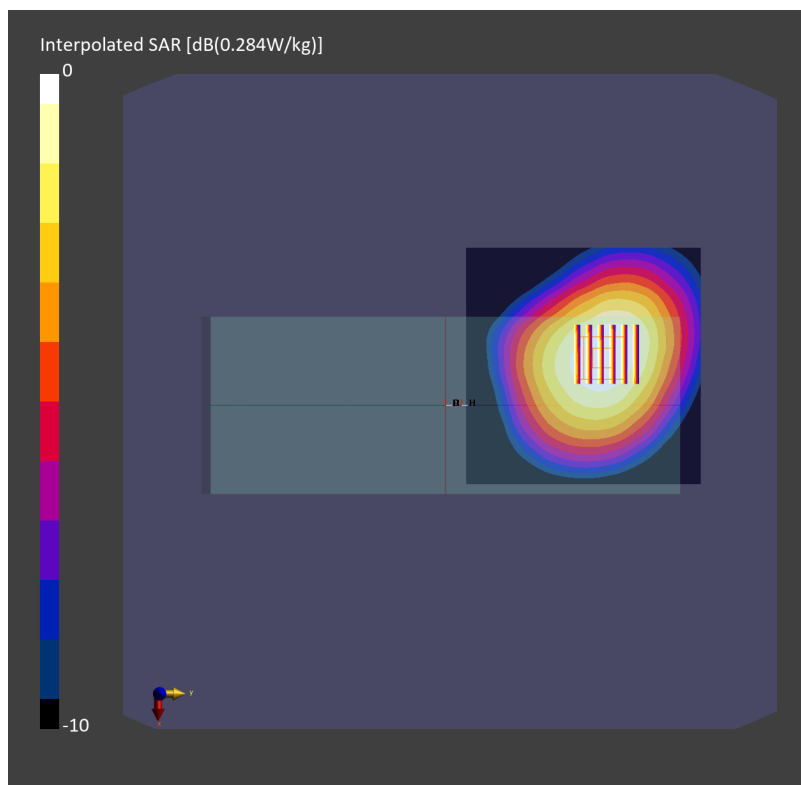
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.06 dB

SAR (1g) = 0.249 W/kg; SAR (8g) = 0.191 W/kg; SAR (10g) = 0.183 W/kg

Smallest distance from peaks to all points 3 dB below = > 15.0 mm

Ratio of SAR at M2 to SAR at M1 = 91.8 %



#51_FR1 n30_10M_BPSK_1_1_Left Side_0mm_Ch462000

Communication System: 5G NR; Frequency: 2310.000 MHz

Medium: HSL_2300_231220 Medium parameters used: $f=2310.000$ MHz; $\sigma=1.64$ S/m; $\epsilon_r=40.2$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(7.03, 7.02, 7.36); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10929-AAD

Area Scan (120.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.215 W/kg; SAR (10g) = 0.114 W/kg;

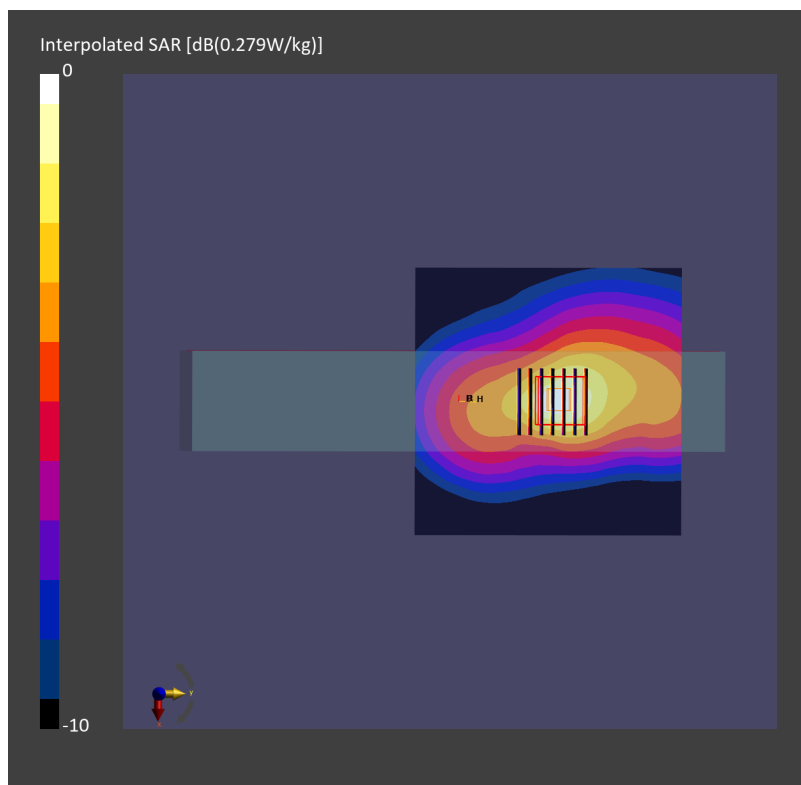
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.08 dB

SAR (1g) = 0.223 W/kg; SAR (8g) = 0.125 W/kg; SAR (10g) = 0.115 W/kg

Smallest distance from peaks to all points 3 dB below = 9.9 mm

Ratio of SAR at M2 to SAR at M1 = 68.6 %



#52_FR1 n41_100M_BPSK_1_271_Left Side_0mm_Ch518598

Communication System: 5G NR; Frequency: 2592.990 MHz

Medium: HSL_2600_231221 Medium parameters used: $f=2592.990$ MHz; $\sigma=1.97$ S/m; $\epsilon_r=39.2$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(6.8, 6.8, 7.12); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 TDD, 10866-AAF

Area Scan (120.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.696 W/kg; SAR (10g) = 0.337 W/kg;

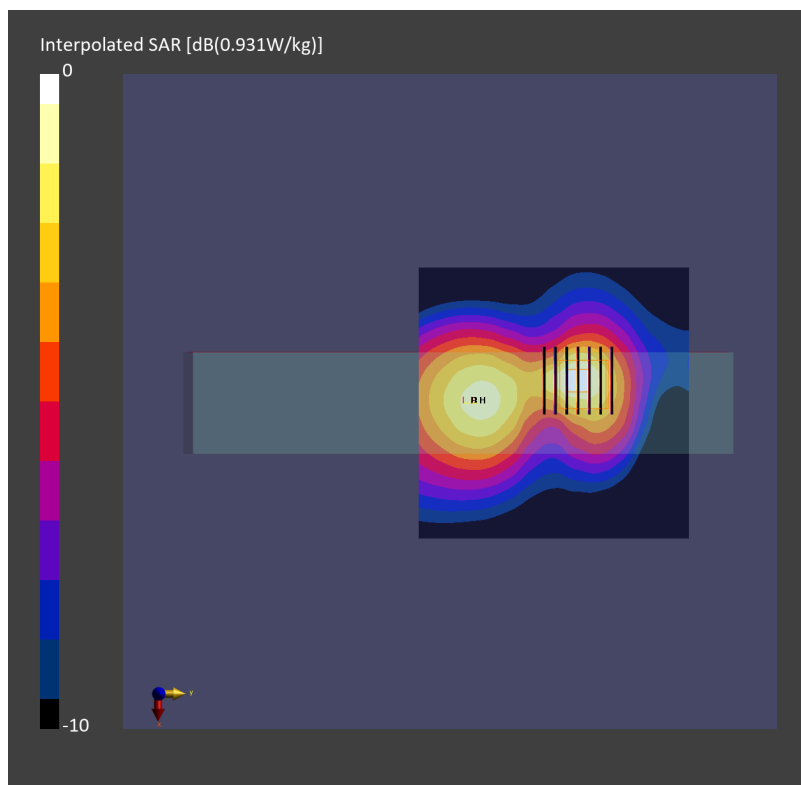
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.05 dB

SAR (1g) = 0.660 W/kg; SAR (8g) = 0.349 W/kg; SAR (10g) = 0.319 W/kg

Smallest distance from peaks to all points 3 dB below = 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 63.9 %



#53_FR1 n48_40M_BPSK_1_1_Right Side_0mm_Ch645332

Communication System: 5G NR; Frequency: 3679.98 MHz

Medium: HSL_3700_231226 Medium parameters used: $f=3679.98$ MHz; $\sigma=3.17$ S/m; $\epsilon_r=38.0$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(6.54, 6.51, 6.82); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 TDD, 10903-AAD

Area Scan (80.0 mm x 100.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.595 W/kg; SAR (10g) = 0.238 W/kg;

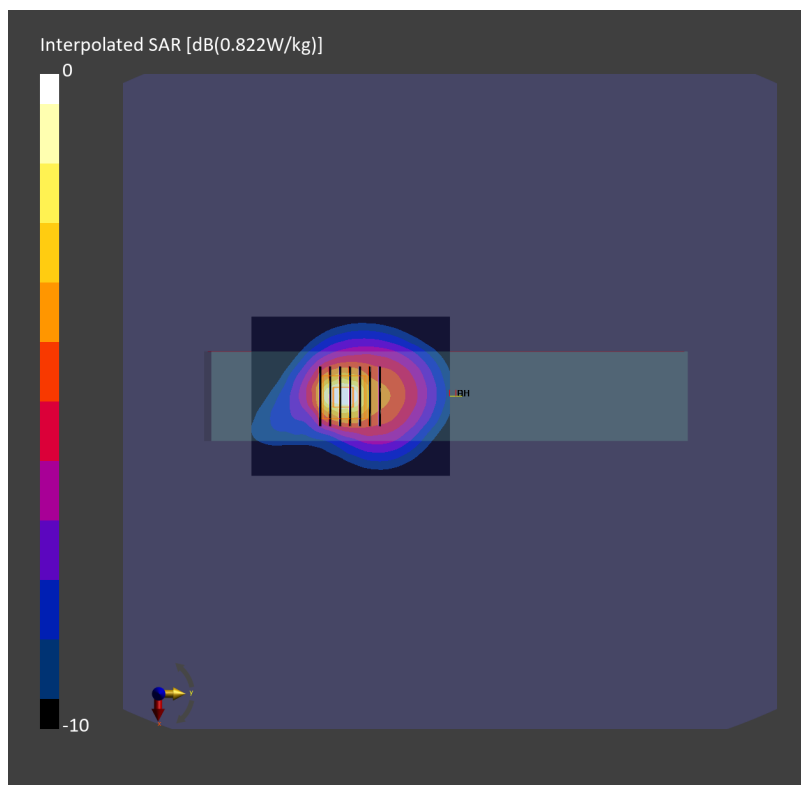
Zoom Scan (30.0 mm x 30.0 mm x 28.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

Power Drift = -0.12 dB

SAR (1g) = 0.652 W/kg; SAR (8g) = 0.275 W/kg; SAR (10g) = 0.244 W/kg

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 75.7 %



#54_FR1 n66_40M_BPSK_1_1_Left Side_0mm_Ch349000

Communication System: 5G NR; Frequency: 1745.000 MHz

Medium: HSL_1750_231224 Medium parameters used: $f=1745.000$ MHz; $\sigma=1.37$ S/m; $\epsilon_r=40.5$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(7.42, 7.42, 7.85); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10934-AAC

Area Scan (90.0 mm x 120.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.168 W/kg; SAR (10g) = 0.104 W/kg;

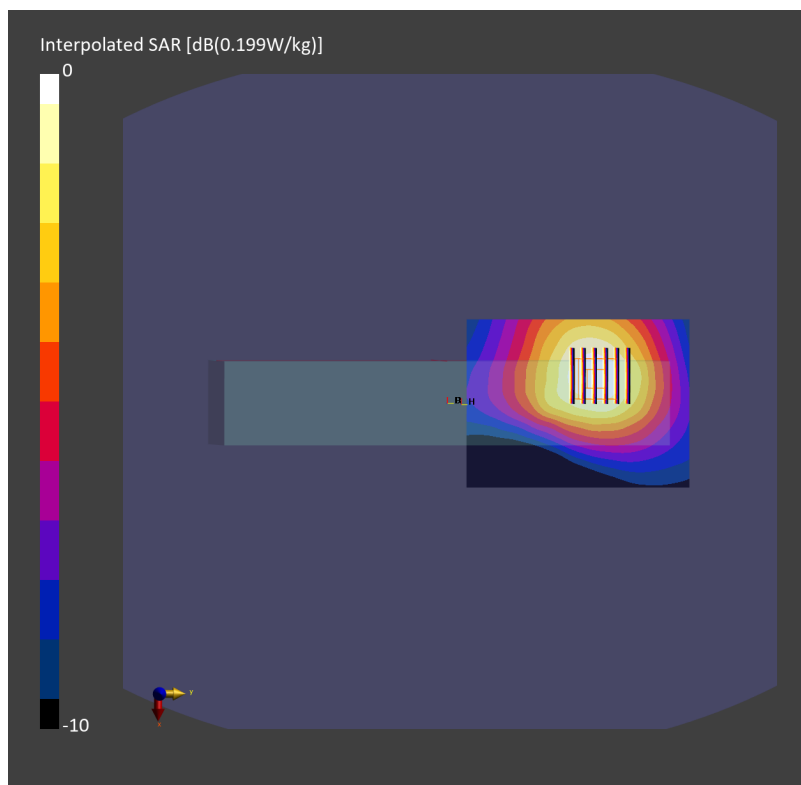
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.01 dB

SAR (1g) = 0.179 W/kg; SAR (8g) = 0.121 W/kg; SAR (10g) = 0.114 W/kg

Smallest distance from peaks to all points 3 dB below = > 15.0 mm

Ratio of SAR at M2 to SAR at M1 = 85.0 %



#55_FR1 n71_20M_BPSK_1_1_Front_0mm_Ch136100

Communication System: 5G NR; Frequency: 680.500 MHz

Medium: HSL_750_231223 Medium parameters used: $f=680.500$ MHz; $\sigma=0.866$ S/m; $\epsilon_r=43.7$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.2°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(8.8, 9.24, 9.25); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10931-AAC

Area Scan (120.0 mm x 120.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.058 W/kg; SAR (10g) = 0.041 W/kg;

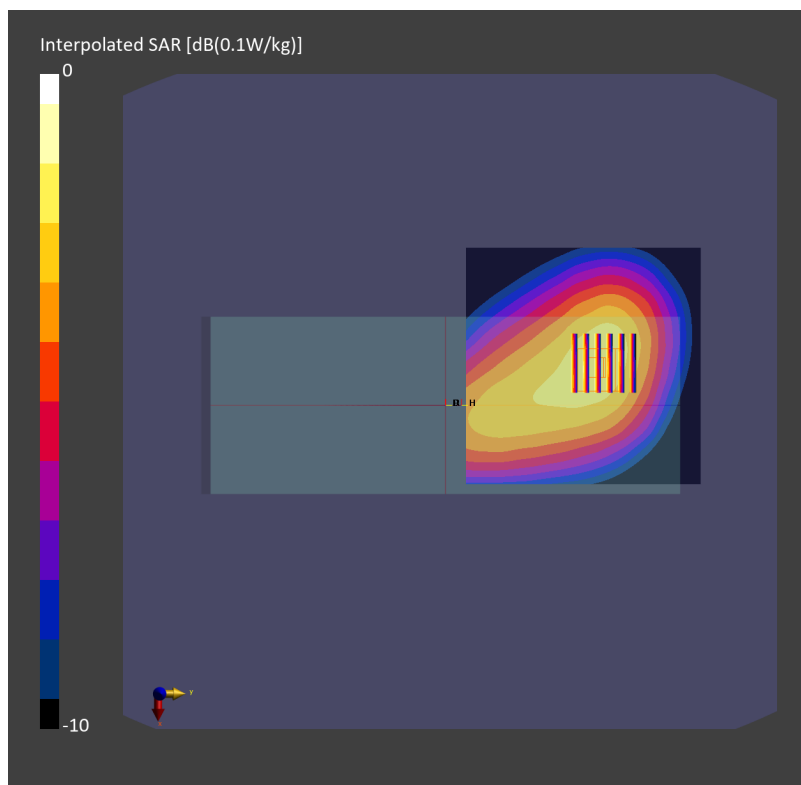
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.02 dB

SAR (1g) = 0.060 W/kg; SAR (8g) = 0.047 W/kg; SAR (10g) = 0.045 W/kg

Smallest distance from peaks to all points 3 dB below = > 15.0 mm

Ratio of SAR at M2 to SAR at M1 = 92.5 %



#56_FR1 n77_100M_BPSK_1_1_Left Side_0mm_Ch633332

Communication System: 5G NR; Frequency: 3499.980 MHz

Medium: HSL_3500_231227 Medium parameters used: $f=3499.980$ MHz; $\sigma=2.97$ S/m; $\epsilon_r=38.3$

Ambient Temperature: 23.7°C; Liquid Temperature: 22.7°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(6.56, 6.55, 6.85); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 TDD, 10866-AAF

Area Scan (80.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 1.05 W/kg; SAR (10g) = 0.445 W/kg;

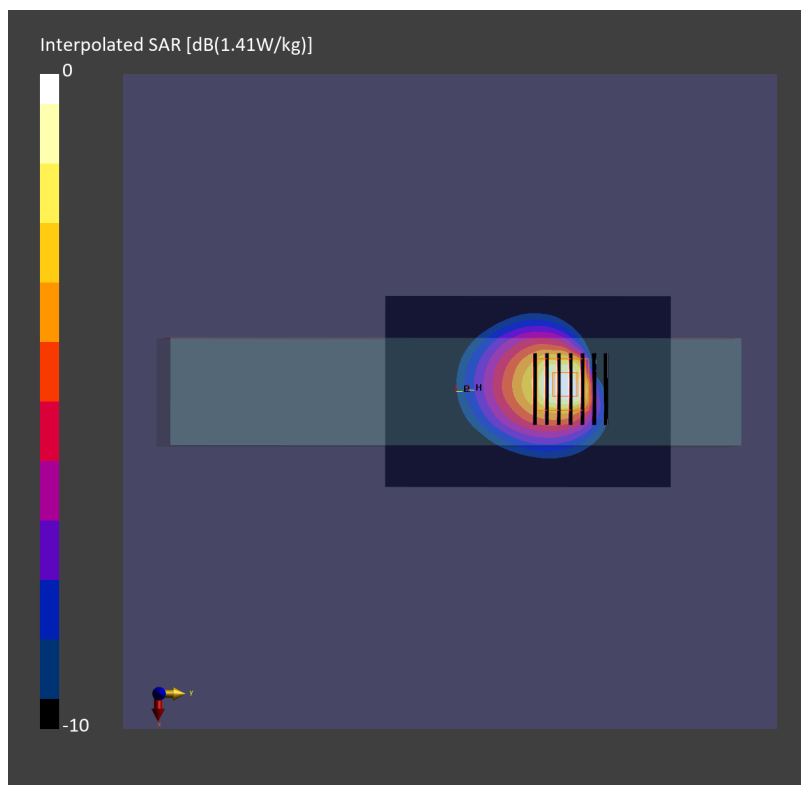
Zoom Scan (30.0 mm x 30.0 mm x 28.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

Power Drift = -0.08 dB

SAR (1g) = 1.31 W/kg; SAR (8g) = 0.504 W/kg; SAR (10g) = 0.449 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 75.5 %



#57_WLAN2.4GHz_802.11b 1Mbps_Left Side_0mm_Ch6

Communication System: 802.11b; Frequency: 2437.000 MHz

Medium: HSL_2450_231220 Medium parameters used: $f=2437.000$ MHz; $\sigma=1.77$ S/m; $\epsilon_r=40.2$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7439; ConvF(7.55, 7.55, 7.55); Calibrated: 2023-02-21
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1512; Calibrated: 2023-03-20
- Phantom: ELI V5.0 (20deg probe tilt); Serial: 1131; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10315-AAB

Area Scan (80.0 mm x 280.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.364 W/kg; SAR (10g) = 0.183 W/kg;

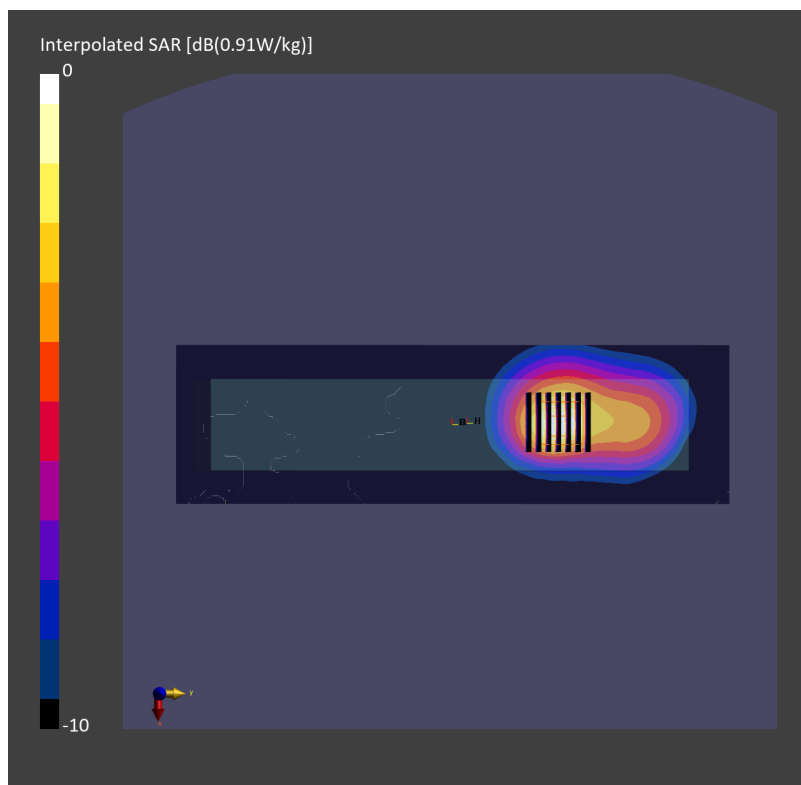
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.03 dB

SAR (1g) = 0.379 W/kg; SAR (8g) = 0.205 W/kg; SAR (10g) = 0.188 W/kg

Smallest distance from peaks to all points 3 dB below = 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 69.3 %



#58_WLAN5GHz_802.11n-HT40 MCS0_Right Side_0mm_Ch46

Communication System: 802.11n; Frequency: 5230.000 MHz

Medium: HSL_5G_231222 Medium parameters used: $f = 5230.000$ MHz; $\sigma = 4.71$ S/m; $\epsilon_r = 36.4$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(5.38, 5.34, 5.57); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10599-AAD

Area Scan (80.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.703 W/kg; SAR (10g) = 0.236 W/kg;

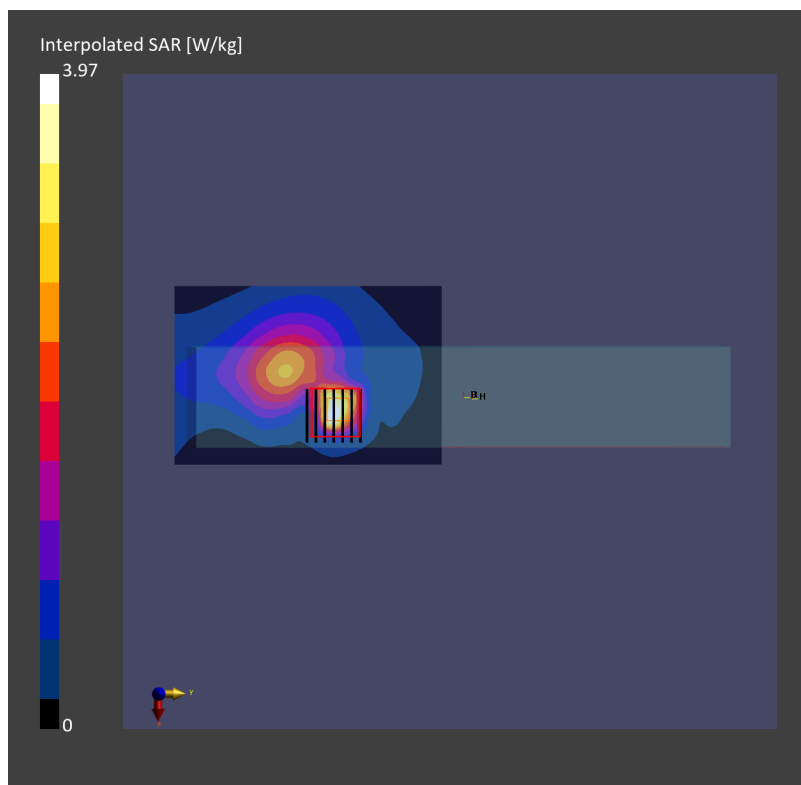
Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.06 dB

SAR (1g) = 0.951 W/kg; SAR (8g) = 0.286 W/kg; SAR (10g) = 0.239 W/kg

Smallest distance from peaks to all points 3 dB below = 5.7 mm

Ratio of SAR at M2 to SAR at M1 = 69.4 %



#59_WLAN5GHz_802.11a 6Mbps_Right Side_0mm_Ch60

Communication System: 802.11a; Frequency: 5300.000 MHz

Medium: HSL_5250_231222 Medium parameters used: $f=5300.000$ MHz; $\sigma=4.78$ S/m; $\epsilon_r=36.3$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(5.38, 5.34, 5.57); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10583-AAD

Area Scan (80.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.749 W/kg; SAR (10g) = 0.231 W/kg;

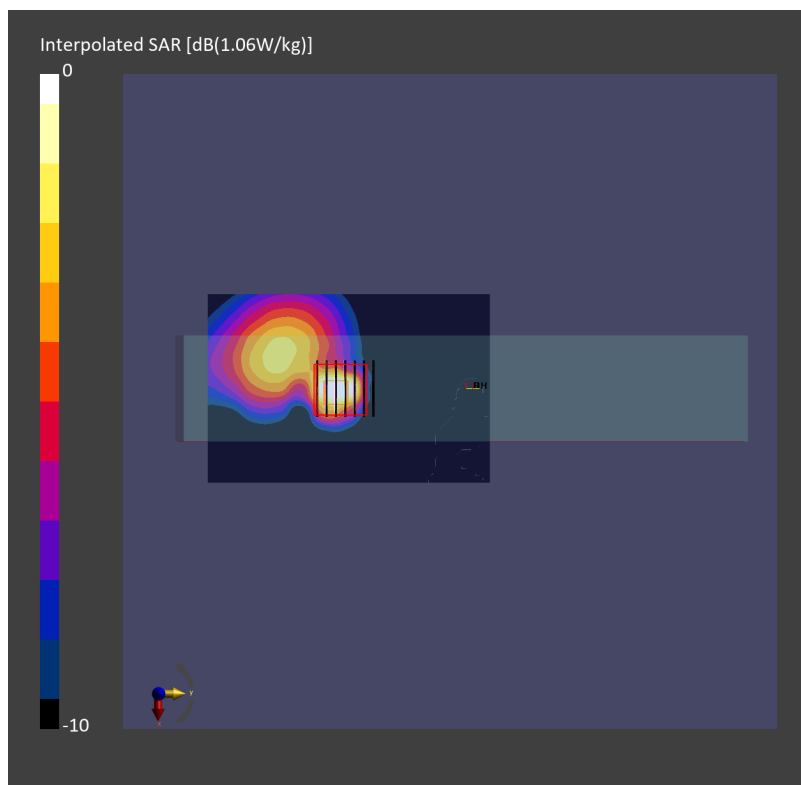
Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.05 dB

SAR (1g) = 0.980 W/kg; SAR (8g) = 0.290 W/kg; SAR (10g) = 0.243 W/kg

Smallest distance from peaks to all points 3 dB below = 5.7 mm

Ratio of SAR at M2 to SAR at M1 = 67.2 %



#60_WLAN5GHz_802.11ac-VHT80 MCS0_Left Side_0mm_Ch138

Communication System: 802.11ac; Frequency: 5690.000 MHz

Medium: HSL_5600_231222 Medium parameters used: $f=5690.000$ MHz; $\sigma=5.19$ S/m; $\epsilon_r=35.7$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(4.68, 4.58, 4.85); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10626-AAD

Area Scan (80.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.664 W/kg; SAR (10g) = 0.213 W/kg;

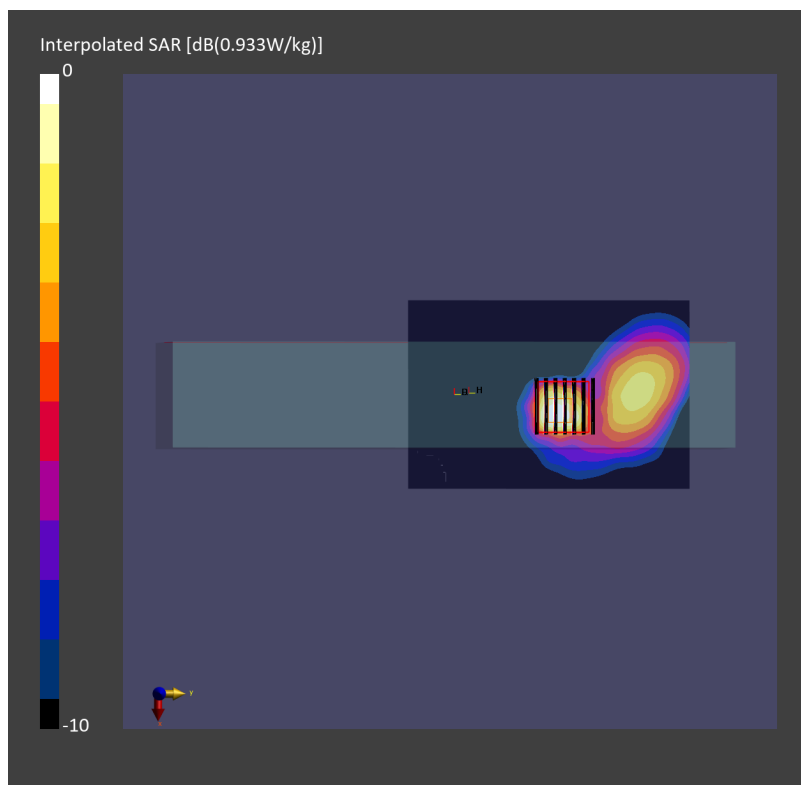
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.04 dB

SAR (1g) = 1.05 W/kg; SAR (8g) = 0.269 W/kg; SAR (10g) = 0.221 W/kg

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 66.0 %



#61_WLAN5GHz_802.11ac-VHT80 MCS0_Left Side_0mm_Ch155

Communication System: 802.11ac; Frequency: 5775.000 MHz

Medium: HSL_5750_231222 Medium parameters used: $f=5775.000$ MHz; $\sigma=5.29$ S/m; $\epsilon_r=35.6$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(4.68, 4.58, 4.85); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10626-AAD

Area Scan (80.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.781 W/kg; SAR (10g) = 0.196 W/kg;

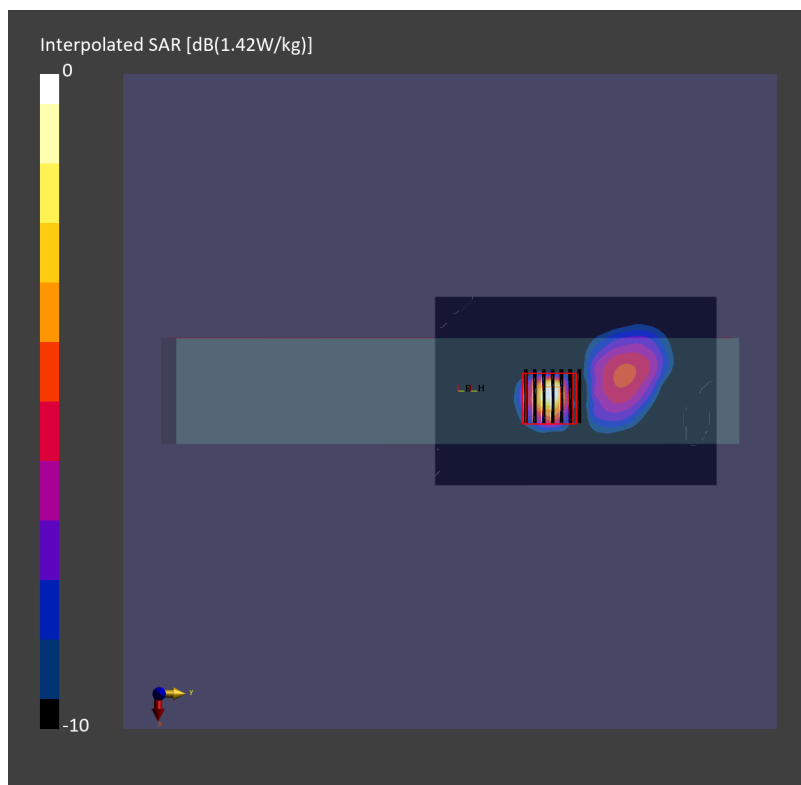
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.8 mm x 3.8 mm x 1.4 mm

Power Drift = -0.11 dB

SAR (1g) = 0.963 W/kg; SAR (8g) = 0.240 W/kg; SAR (10g) = 0.197 W/kg

Smallest distance from peaks to all points 3 dB below = 4.9 mm

Ratio of SAR at M2 to SAR at M1 = 64.5 %



#62_WLAN6GHz_802.11ax-HE160 MCS0_Left Side_0mm_Ch47

Communication System: 802.11ax; Frequency: 6185.000 MHz

Medium: HSL_6G_240108 Medium parameters used: $f = 6185.000$ MHz; $\sigma = 5.80$ S/m; $\epsilon_r = 35.2$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(5.06, 5.12, 5.2); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10743-AAC

Area Scan (85.0 mm x 136.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.295 W/kg; SAR (10g) = 0.096 W/kg;

Zoom Scan (23.8 mm x 23.8 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

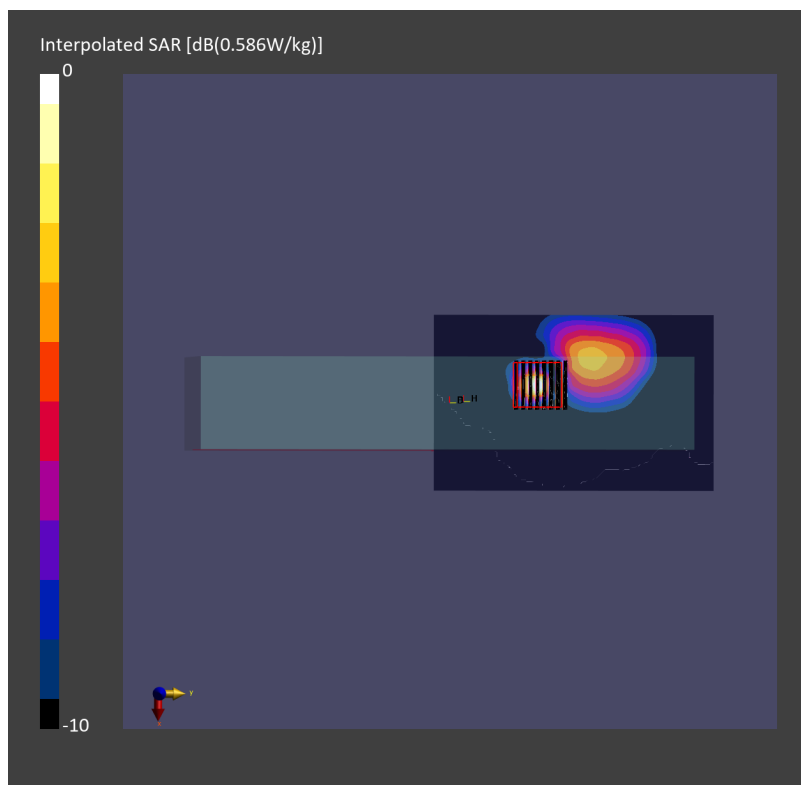
Power Drift = -0.14 dB

SAR (1g) = 0.329 W/kg; SAR (8g) = 0.081 W/kg; SAR (10g) = 0.068 W/kg

Smallest distance from peaks to all points 3 dB below = 4.9 mm

Ratio of SAR at M2 to SAR at M1 = 55.7 %

psAPD (1.0cm², sq) = 3.29 [W/m²]; psAPD (4.0cm², sq) = 1.61 [W/m²]



#63_Bluetooth_3Mbps_Right Side_0mm_Ch78

Communication System: Bluetooth; Frequency: 2480.000 MHz

Medium: HSL_2450_240101 Medium parameters used: $f=2480.000$ MHz; $\sigma=1.82$ S/m; $\epsilon_r=39.4$

Ambient Temperature: 23.7°C; Liquid Temperature: 22.7°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(6.89, 6.89, 7.21); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: Bluetooth, 10032-CAA

Area Scan (100.0 mm x 140.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.002 W/kg; SAR (10g) = 0 W/kg;

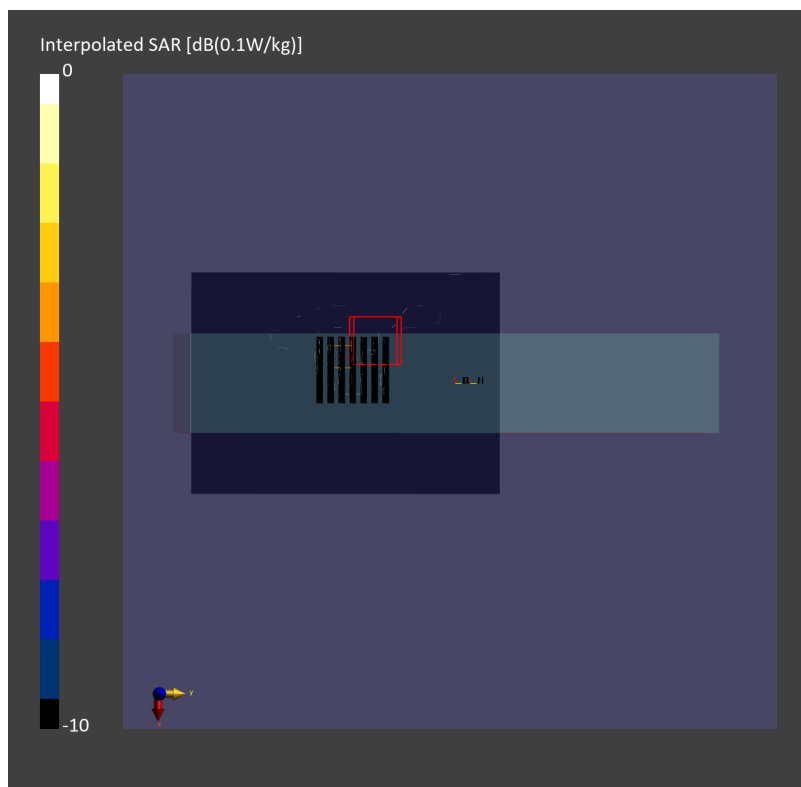
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.00 dB

SAR (1g) = 0 W/kg; SAR (8g) = 0 W/kg; SAR (10g) = 0 W/kg

Smallest distance from peaks to all points 3 dB below = 5.0 mm

Ratio of SAR at M2 to SAR at M1 = 79.4 %



#64_WCDMA II_RMC 12.2Kbps_Back_0mm_Ch9538

Communication System: WCDMA; Frequency: 1907.600 MHz

Medium: HSL_1900_240103 Medium parameters used: $f=1907.600$ MHz; $\sigma=1.43$ S/m; $\epsilon_r=40.1$

Ambient Temperature: 23.8°C; Liquid Temperature: 22.8°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(7.2, 7.21, 7.59); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WCDMA, 10011-CAC

Area Scan (150.0 mm x 150.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.696 W/kg; SAR (10g) = 0.400 W/kg;

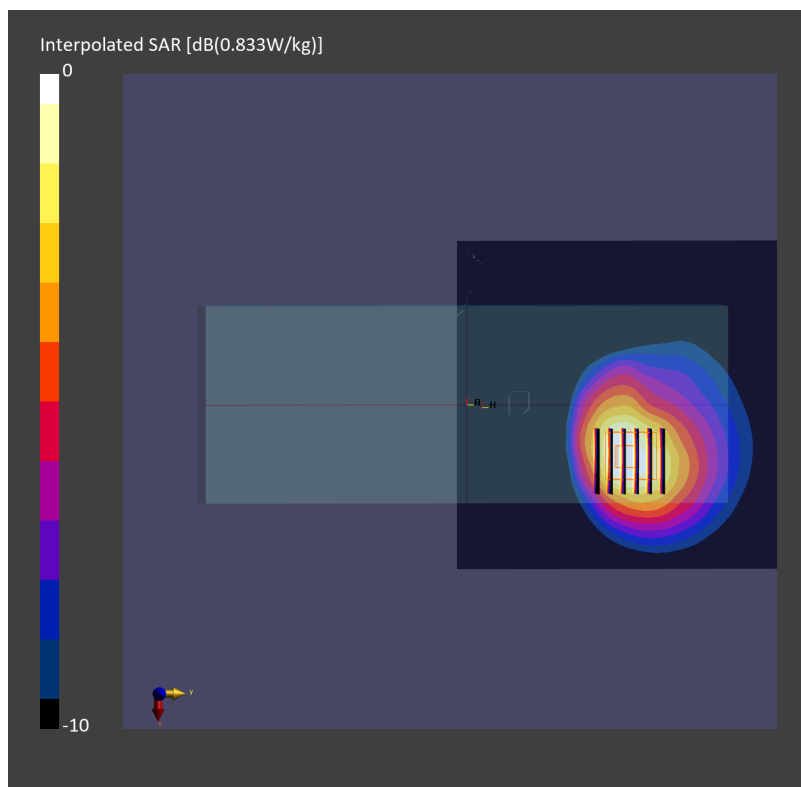
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.00 dB

SAR (1g) = 0.798 W/kg; SAR (8g) = 0.484 W/kg; SAR (10g) = 0.449 W/kg

Smallest distance from peaks to all points 3 dB below = 12.8 mm

Ratio of SAR at M2 to SAR at M1 = 81.6 %



#65_WCDMA IV_RMC 12.2Kbps_Back_0mm_Ch1513

Communication System: WCDMA; Frequency: 1752.600 MHz

Medium: HSL_1750_240104 Medium parameters used: $f=1752.600$ MHz; $\sigma=1.37$ S/m; $\epsilon_r=40.1$

Ambient Temperature: 23.7°C; Liquid Temperature: 22.7°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(7.42, 7.42, 7.85); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WCDMA, 10011-CAC

Area Scan (150.0 mm x 150.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.838 W/kg; SAR (10g) = 0.488 W/kg;

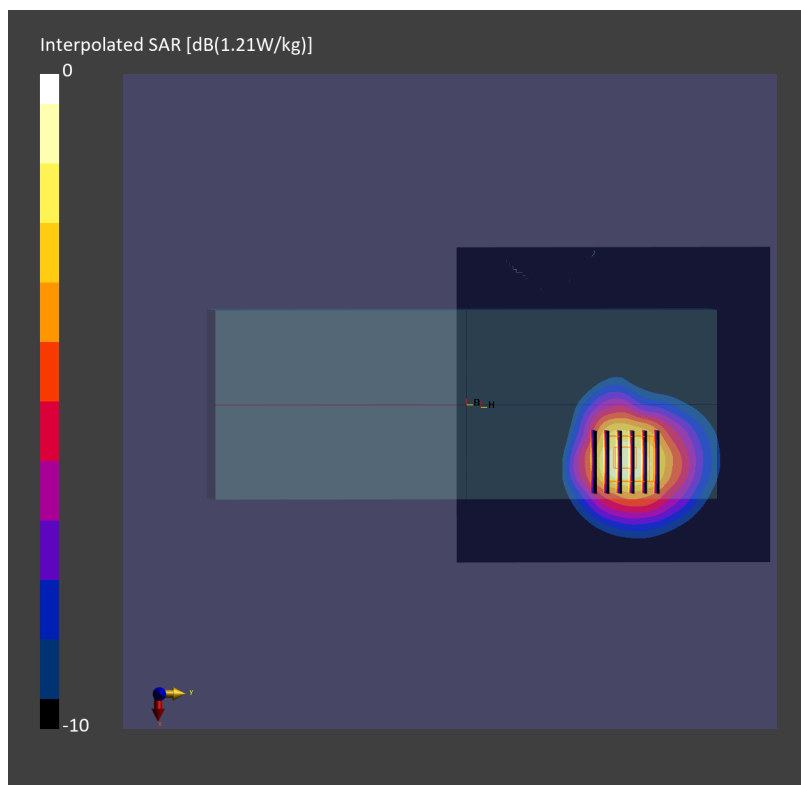
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.03 dB

SAR (1g) = 0.946 W/kg; SAR (8g) = 0.580 W/kg; SAR (10g) = 0.540 W/kg

Smallest distance from peaks to all points 3 dB below = 13.5 mm

Ratio of SAR at M2 to SAR at M1 = 81.6 %



#66_WCDMA V_RMC 12.2Kbps_Back_0mm_Ch4182

Communication System: WCDMA; Frequency: 836.400 MHz

Medium: HSL_835_240106 Medium parameters used: $f = 836.400$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 43.2$

Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(8.54, 8.54, 9.33); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WCDMA, 10011-CAC

Area Scan (150.0 mm x 150.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.516 W/kg; SAR (10g) = 0.305 W/kg;

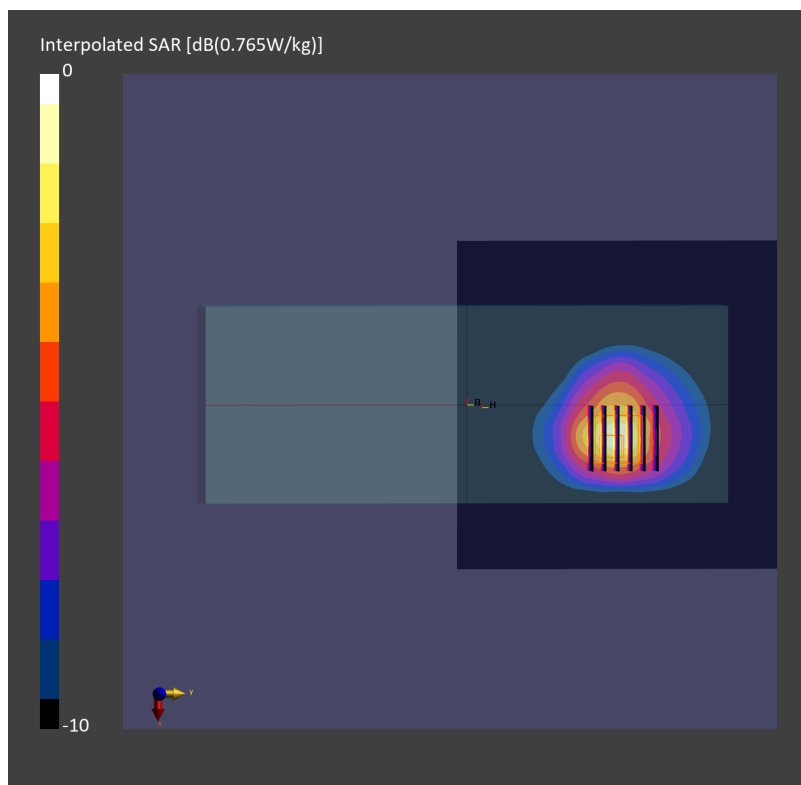
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.03 dB

SAR (1g) = 0.575 W/kg; SAR (8g) = 0.327 W/kg; SAR (10g) = 0.304 W/kg

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 73.4 %



#67_LTE Band 7_20M_QPSK_1_0_Back_0mm_Ch21100

Communication System: LTE-FDD; Frequency: 2535.000 MHz

Medium: HSL_2600_240102 Medium parameters used: $f=2535.000$ MHz; $\sigma=1.90$ S/m; $\epsilon_r=38.8$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.2°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(6.8, 6.8, 7.12); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-FDD, 10169-CAF

Area Scan (140.0 mm x 140.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 2.41 W/kg; SAR (10g) = 1.20 W/kg;

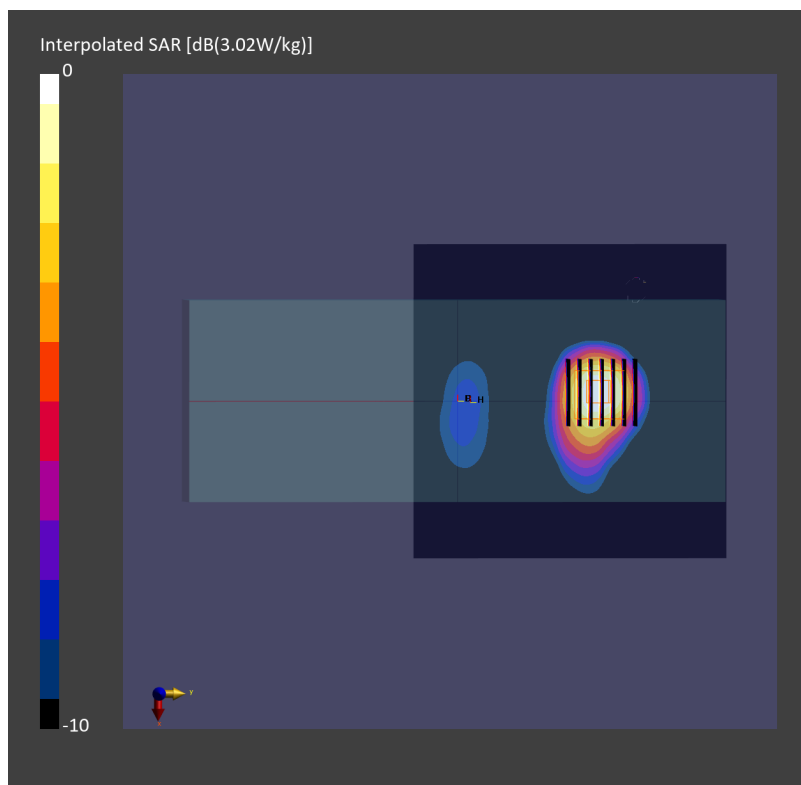
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.00 dB

SAR (1g) = 2.53 W/kg; SAR (8g) = 1.42 W/kg; SAR (10g) = 1.29 W/kg

Smallest distance from peaks to all points 3 dB below = 12.7 mm

Ratio of SAR at M2 to SAR at M1 = 83.1 %



#68_LTE Band 12_10M_QPSK_1_0_Back_0mm_Ch23095

Communication System: LTE-FDD; Frequency: 707.500 MHz

Medium: HSL_750_240105 Medium parameters used: $f=707.500$ MHz; $\sigma=0.883$ S/m; $\epsilon_r=43.9$

Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(8.8, 9.24, 9.25); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-FDD, 10175-CAH

Area Scan (150.0 mm x 150.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.676 W/kg; SAR (10g) = 0.409 W/kg;

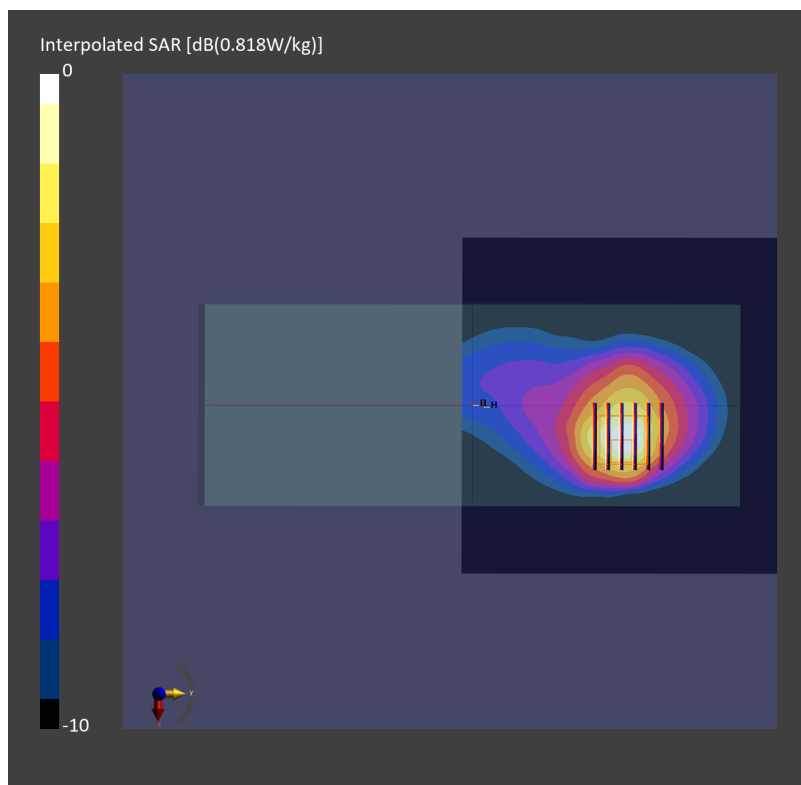
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.02 dB

SAR (1g) = 0.814 W/kg; SAR (8g) = 0.442 W/kg; SAR (10g) = 0.410 W/kg

Smallest distance from peaks to all points 3 dB below = 7.0 mm

Ratio of SAR at M2 to SAR at M1 = 60.2 %



#69_LTE Band 13_10M_QPSK_1_0_Back_0mm_Ch23230

Communication System: LTE-FDD; Frequency: 782.000 MHz

Medium: HSL_750_240105 Medium parameters used: $f=782.000$ MHz; $\sigma=0.903$ S/m; $\epsilon_r=43.4$

Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(8.8, 9.24, 9.25); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-FDD, 10175-CAH

Area Scan (150.0 mm x 150.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.490 W/kg; SAR (10g) = 0.293 W/kg;

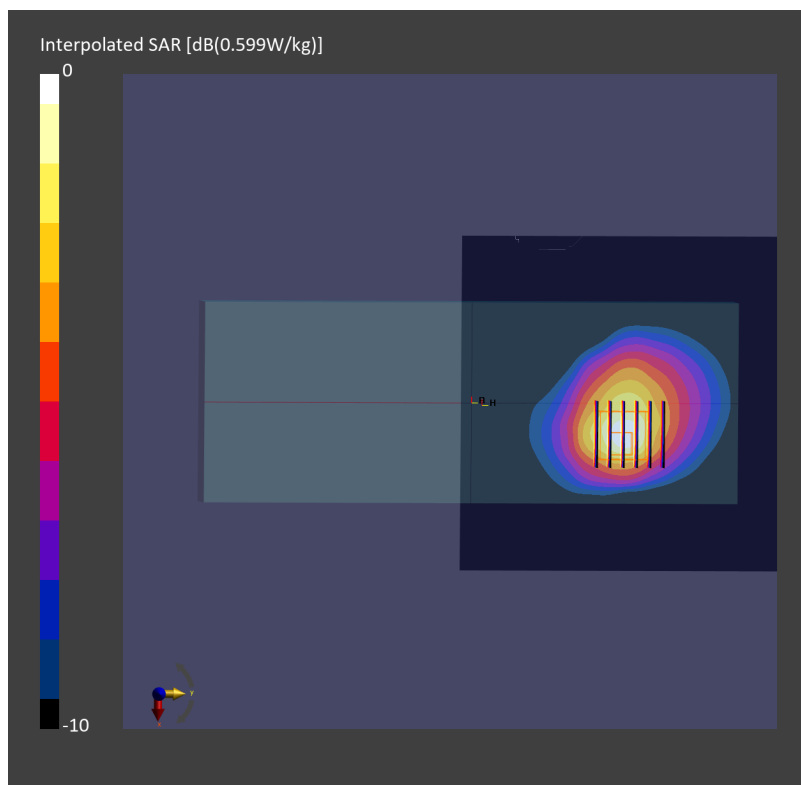
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.07 dB

SAR (1g) = 0.541 W/kg; SAR (8g) = 0.313 W/kg; SAR (10g) = 0.291 W/kg

Smallest distance from peaks to all points 3 dB below = 6.0 mm

Ratio of SAR at M2 to SAR at M1 = 63.4 %



#70_LTE Band 14_10M_QPSK_1_0_Back_0mm_Ch23330

Communication System: LTE-FDD; Frequency: 793.000 MHz

Medium: HSL_750_240105 Medium parameters used: $f=793.000$ MHz; $\sigma=0.915$ S/m; $\epsilon_r=43.3$

Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(8.8, 9.24, 9.25); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-FDD, 10175-CAH

Area Scan (150.0 mm x 150.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.707 W/kg; SAR (10g) = 0.425 W/kg;

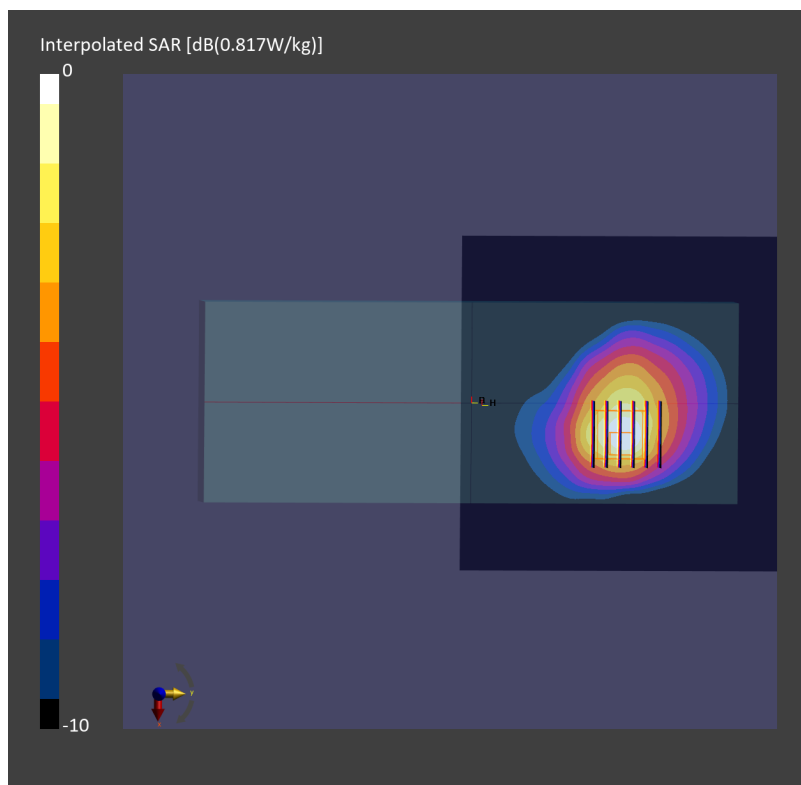
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.01 dB

SAR (1g) = 0.787 W/kg; SAR (8g) = 0.453 W/kg; SAR (10g) = 0.422 W/kg

Smallest distance from peaks to all points 3 dB below = 6.0 mm

Ratio of SAR at M2 to SAR at M1 = 64.3 %



#71_LTE Band 25_20M_QPSK_1_0_Back_0mm_Ch26590

Communication System: LTE-FDD; Frequency: 1905.000 MHz

Medium: HSL_1900_240103 Medium parameters used: $f=1905.000$ MHz; $\sigma=1.43$ S/m; $\epsilon_r=40.1$

Ambient Temperature: 23.8°C; Liquid Temperature: 22.8°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(7.2, 7.21, 7.59); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-FDD, 10169-CAF

Area Scan (150.0 mm x 150.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.511 W/kg; SAR (10g) = 0.292 W/kg;

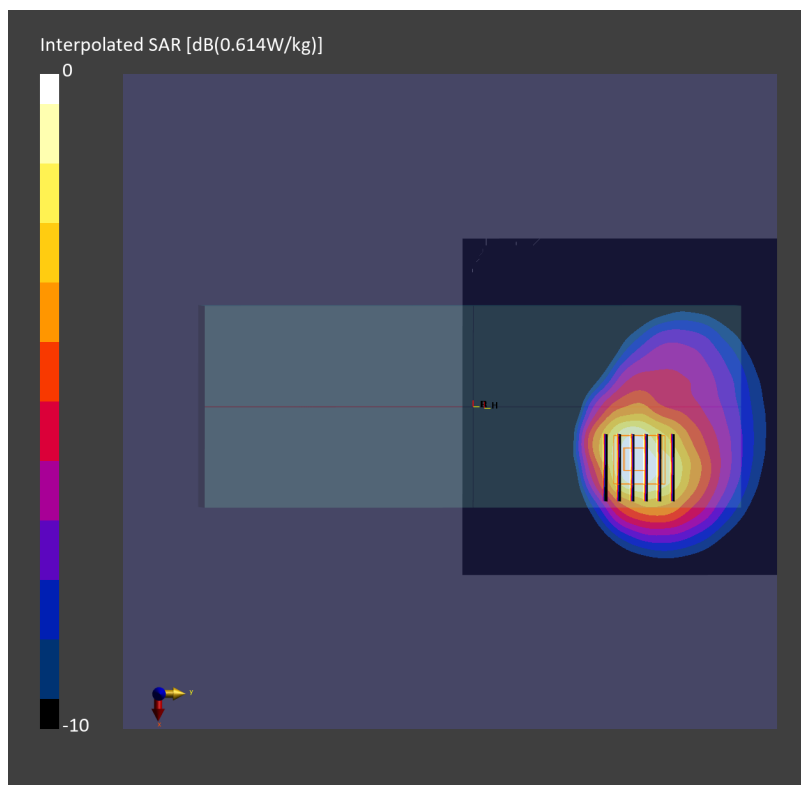
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.01 dB

SAR (1g) = 0.590 W/kg; SAR (8g) = 0.357 W/kg; SAR (10g) = 0.331 W/kg

Smallest distance from peaks to all points 3 dB below = 11.9 mm

Ratio of SAR at M2 to SAR at M1 = 83.4 %



#72_LTE Band 26_15M_QPSK_1_0_Back_0mm_Ch26865

Communication System: LTE-FDD; Frequency: 831.500 MHz

Medium: HSL_835_240106 Medium parameters used: $f=831.500$ MHz; $\sigma=0.929$ S/m; $\epsilon_r=42.9$

Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(8.54, 8.54, 9.33); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-FDD, 10181-CAF

Area Scan (150.0 mm x 150.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.617 W/kg; SAR (10g) = 0.354 W/kg;

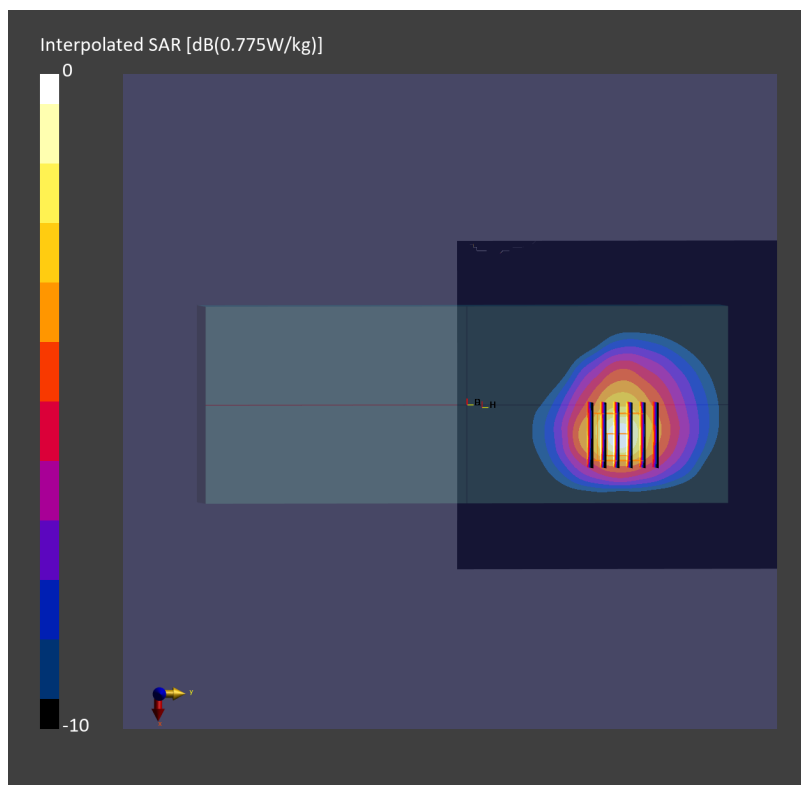
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.02 dB

SAR (1g) = 0.652 W/kg; SAR (8g) = 0.374 W/kg; SAR (10g) = 0.348 W/kg

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 76.5 %



#73_LTE Band 30_10M_QPSK_1_0_Back_0mm_Ch27710

Communication System: LTE-FDD; Frequency: 2310.000 MHz

Medium: HSL_2300_231220 Medium parameters used: $f=2310.000$ MHz; $\sigma=1.66$ S/m; $\epsilon_r=39.4$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(7.03, 7.02, 7.36); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-FDD, 10175-CAH

Area Scan (140.0 mm x 140.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 1.39 W/kg; SAR (10g) = 0.722 W/kg;

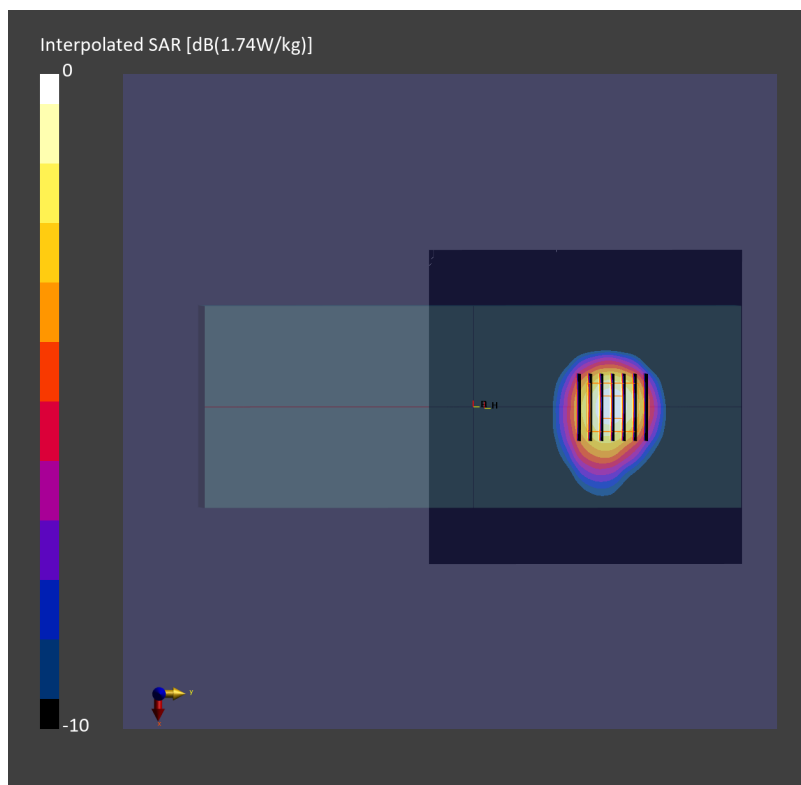
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.03 dB

SAR (1g) = 1.44 W/kg; SAR (8g) = 0.842 W/kg; SAR (10g) = 0.774 W/kg

Smallest distance from peaks to all points 3 dB below = 14.0 mm

Ratio of SAR at M2 to SAR at M1 = 84.4 %



#74_LTE Band 41_20M_QPSK_1_0_Back_0mm_Ch41490

Communication System: LTE-TDD; Frequency: 2680.000 MHz

Medium: HSL_2600_240102 Medium parameters used: $f=2680.000$ MHz; $\sigma=2.04$ S/m; $\epsilon_r=38.1$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.2°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(6.8, 6.8, 7.12); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-TDD, 10151-CAH

Area Scan (140.0 mm x 140.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.985 W/kg; SAR (10g) = 0.487 W/kg;

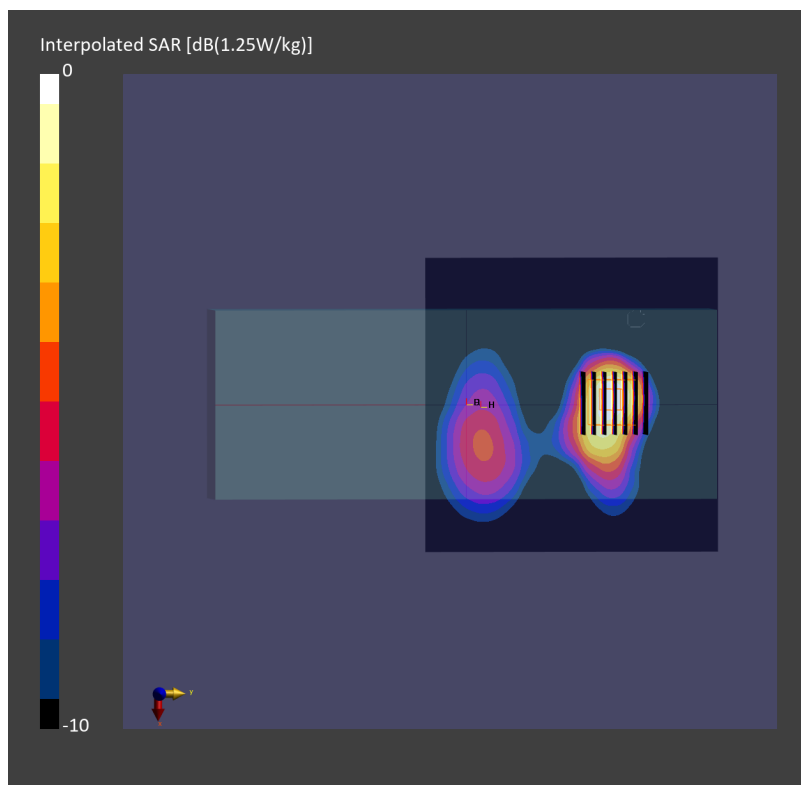
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.03 dB

SAR (1g) = 1.02 W/kg; SAR (8g) = 0.571 W/kg; SAR (10g) = 0.522 W/kg

Smallest distance from peaks to all points 3 dB below = 12.7 mm

Ratio of SAR at M2 to SAR at M1 = 84.1 %



#75_LTE Band 48_20M_QPSK_1_0_Back_0mm_Ch56150

Communication System: LTE-TDD; Frequency: 3641.000 MHz

Medium: HSL_3700_231225 Medium parameters used: $f=3641.000$ MHz; $\sigma=3.09$ S/m; $\epsilon_r=38.0$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.3°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(6.54, 6.51, 6.82); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-TDD, 10172-CAH

Area Scan (140.0 mm x 280.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.174 W/kg; SAR (10g) = 0.087 W/kg;

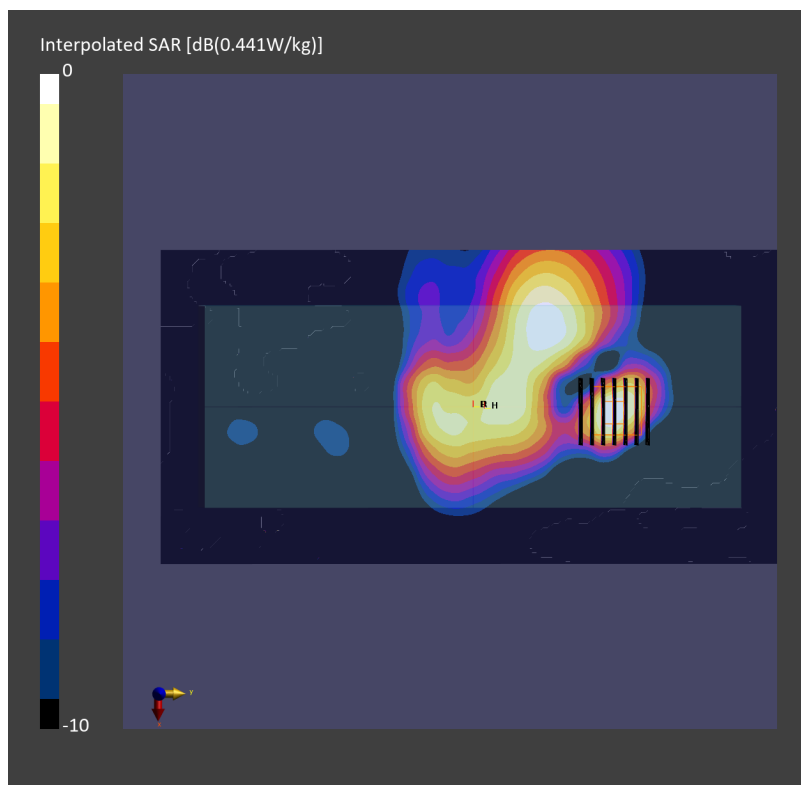
Zoom Scan (30.0 mm x 30.0 mm x 28.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

Power Drift = 0.02 dB

SAR (1g) = 0.193 W/kg; SAR (8g) = 0.090 W/kg; SAR (10g) = 0.080 W/kg

Smallest distance from peaks to all points 3 dB below = 10.2 mm

Ratio of SAR at M2 to SAR at M1 = 76.0 %



#77_LTE Band 66_20M_QPSK_1_0_Back_0mm_Ch132572

Communication System: LTE-FDD; Frequency: 1770.000 MHz

Medium: HSL_1750_240104 Medium parameters used: $f=1770.000$ MHz; $\sigma=1.40$ S/m; $\epsilon_r=40.0$

Ambient Temperature: 23.7°C; Liquid Temperature: 22.7°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(7.42, 7.42, 7.85); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-FDD, 10169-CAF

Area Scan (150.0 mm x 150.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.782 W/kg; SAR (10g) = 0.455 W/kg;

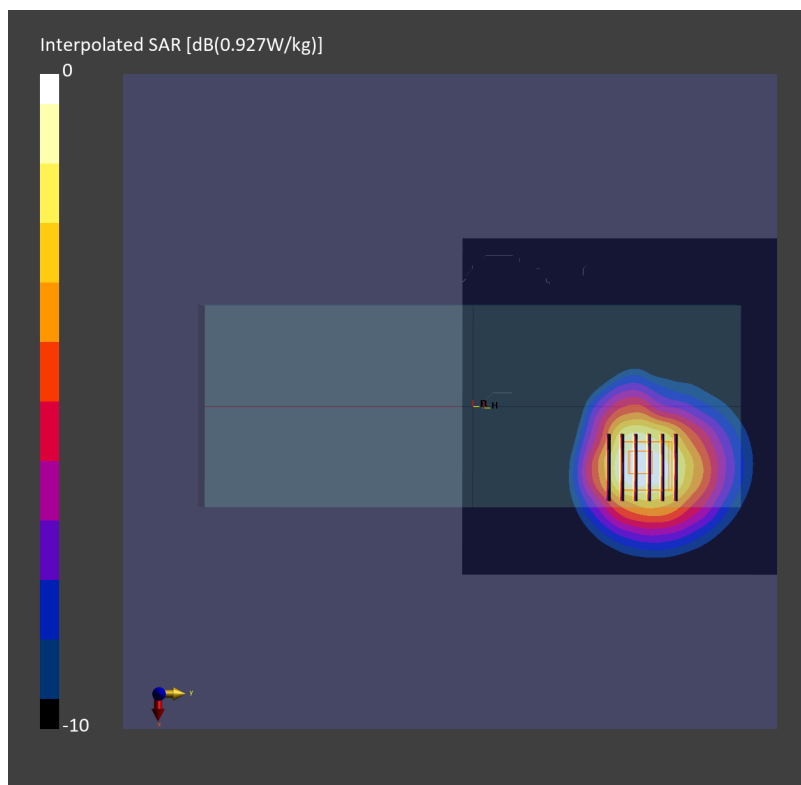
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.00 dB

SAR (1g) = 0.879 W/kg; SAR (8g) = 0.541 W/kg; SAR (10g) = 0.503 W/kg

Smallest distance from peaks to all points 3 dB below = 13.7 mm

Ratio of SAR at M2 to SAR at M1 = 82.6 %



#77_LTE Band 71_20M_QPSK_1_0_Back_0mm_Ch133297

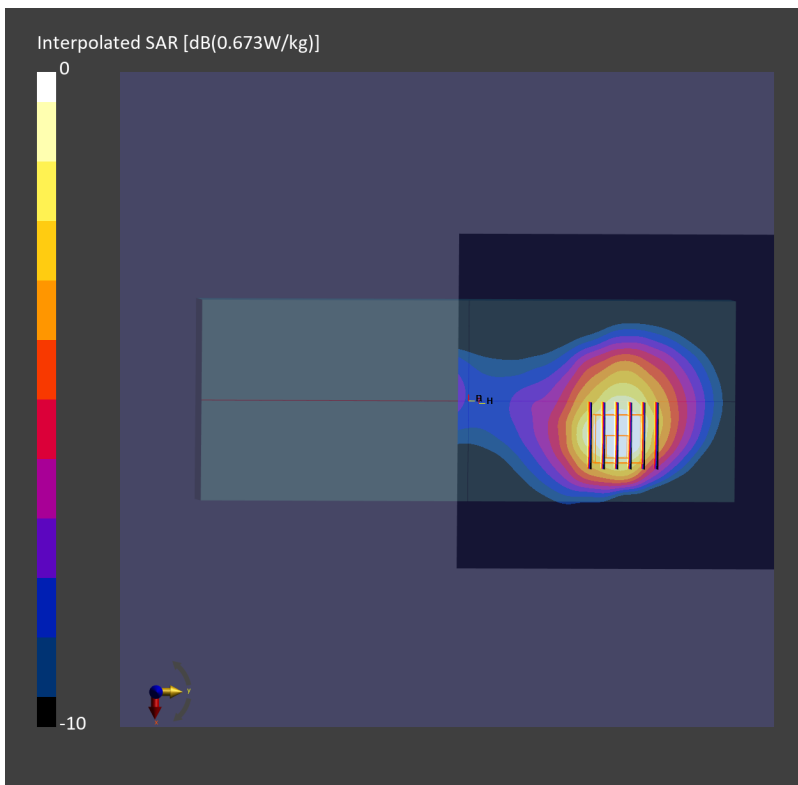
Communication System: LTE-FDD; Frequency: 680.500 MHz
Medium: HSL_750_240105 Medium parameters used: $f=680.500$ MHz; $\sigma=0.869$ S/m; $\epsilon_r=43.8$
Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(8.8, 9.24, 9.25); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: LTE-FDD, 10169-CAF

Area Scan (150.0 mm x 150.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.736 W/kg; SAR (10g) = 0.438 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm
Power Drift = 0.02 dB
SAR (1g) = 0.902 W/kg; SAR (8g) = 0.475 W/kg; SAR (10g) = 0.438 W/kg
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 65.8 %



#78_FR1 n7_40M_BPSK_1_1_Back_0mm_Ch507000

Communication System: 5G NR; Frequency: 2535.000 MHz

Medium: HSL_2600_240102 Medium parameters used: $f = 2535.000$ MHz; $\sigma = 1.90$ S/m; $\epsilon_r = 38.8$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.2°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(6.8, 6.8, 7.12); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10934-AAC

Area Scan (120.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 2.13 W/kg; SAR (10g) = 1.05 W/kg;

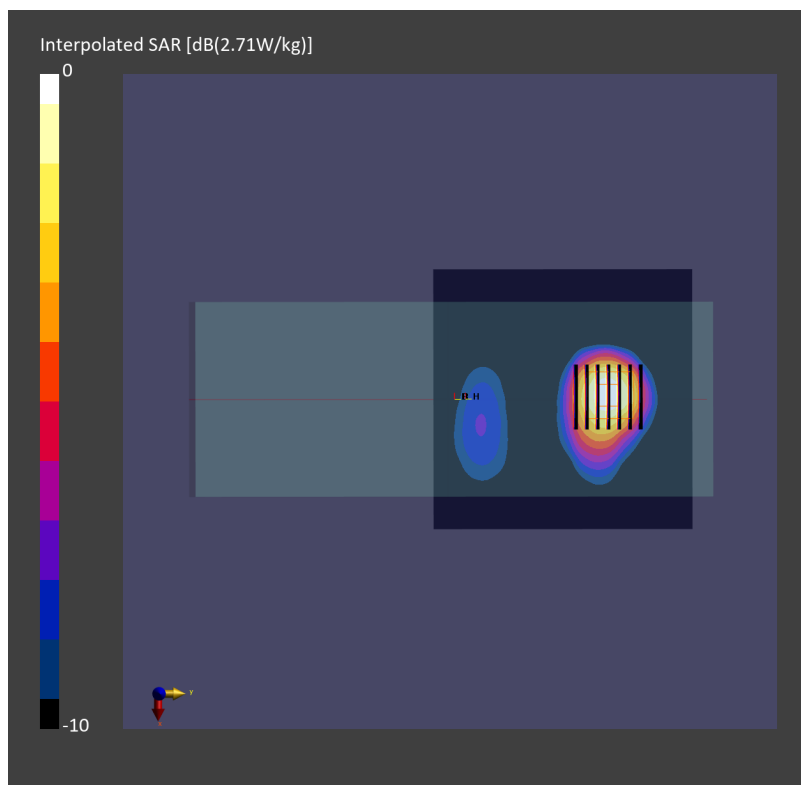
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.04 dB

SAR (1g) = 2.21 W/kg; SAR (8g) = 1.23 W/kg; SAR (10g) = 1.13 W/kg

Smallest distance from peaks to all points 3 dB below = 12.7 mm

Ratio of SAR at M2 to SAR at M1 = 83.3 %



#79_FR1 n12_15M_BPSK_1_1_Back_0mm_Ch141500

Communication System: 5G NR; Frequency: 707.500 MHz

Medium: HSL_750_240107 Medium parameters used: $f = 707.500$ MHz; $\sigma = 0.880$ S/m; $\epsilon_r = 43.4$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(8.8, 9.24, 9.25); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10930-AAC

Area Scan (120.0 mm x 120.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.811 W/kg; SAR (10g) = 0.501 W/kg;

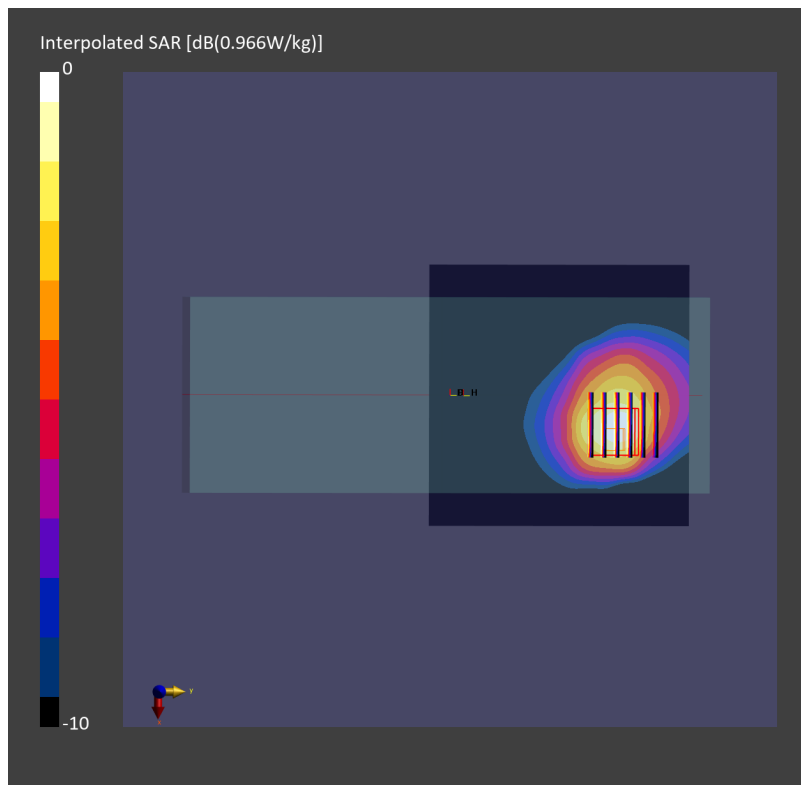
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.08 dB

SAR (1g) = 1.06 W/kg; SAR (8g) = 0.554 W/kg; SAR (10g) = 0.511 W/kg

Smallest distance from peaks to all points 3 dB below = 6.0 mm

Ratio of SAR at M2 to SAR at M1 = 61.5 %



#80_FR1 n13_10M_BPSK_1_1_Back_0mm_Ch156400

Communication System: 5G NR; Frequency: 782.000 MHz

Medium: HSL_750_240107 Medium parameters used: $f = 782.000$ MHz; $\sigma = 0.901$ S/m; $\epsilon_r = 42.9$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(8.8, 9.24, 9.25); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10929-AAD

Area Scan (120.0 mm x 120.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.746 W/kg; SAR (10g) = 0.458 W/kg;

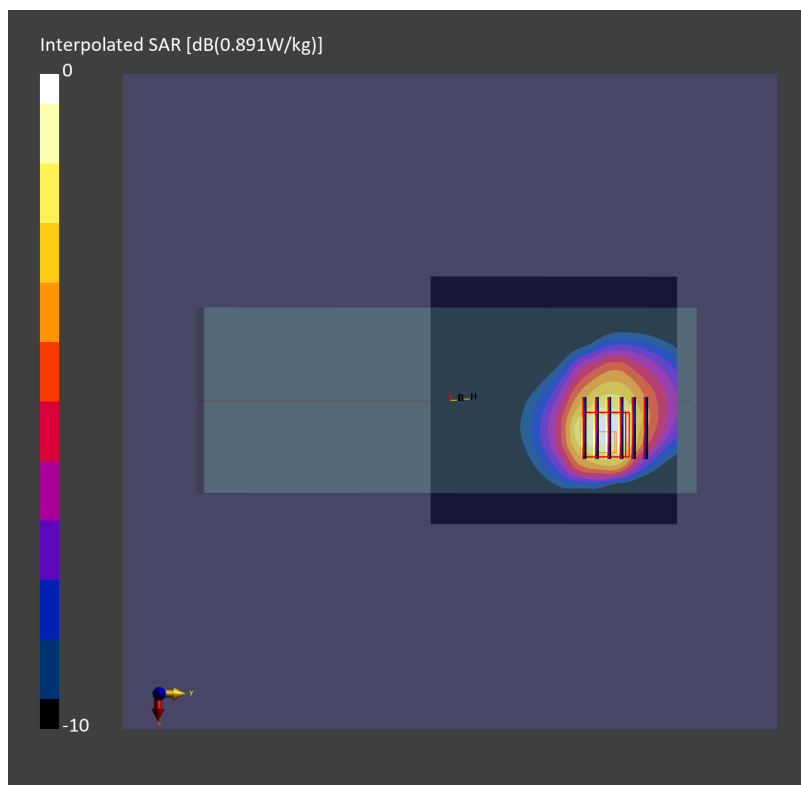
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.08 dB

SAR (1g) = 0.978 W/kg; SAR (8g) = 0.511 W/kg; SAR (10g) = 0.471 W/kg

Smallest distance from peaks to all points 3 dB below = 6.0 mm

Ratio of SAR at M2 to SAR at M1 = 61.5 %



#81_FR1 n14_10M_BPSK_1_1_Back_0mm_Ch158600

Communication System: 5G NR; Frequency: 793.000 MHz

Medium: HSL_750_240107 Medium parameters used: $f=793.000$ MHz; $\sigma=0.913$ S/m; $\epsilon_r=42.9$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(8.8, 9.24, 9.25); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10929-AAD

Area Scan (120.0 mm x 120.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.582 W/kg; SAR (10g) = 0.368 W/kg;

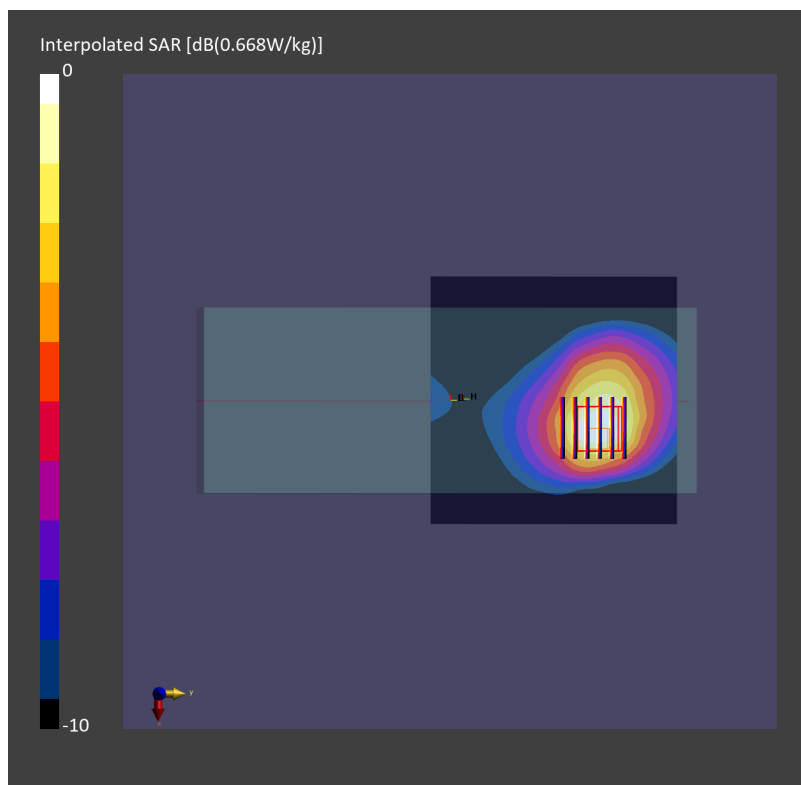
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.02 dB

SAR (1g) = 0.677 W/kg; SAR (8g) = 0.392 W/kg; SAR (10g) = 0.365 W/kg

Smallest distance from peaks to all points 3 dB below = 6.5 mm

Ratio of SAR at M2 to SAR at M1 = 66.6 %



#82_FR1 n25_40M_BPSK_1_1_Back_0mm_Ch379000

Communication System: 5G NR; Frequency: 1895.000 MHz

Medium: HSL_1900_240103 Medium parameters used: $f=1895.000$ MHz; $\sigma=1.42$ S/m; $\epsilon_r=40.1$

Ambient Temperature: 23.8°C; Liquid Temperature: 22.8°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(7.2, 7.21, 7.59); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10934-AAC

Area Scan (120.0 mm x 120.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.534 W/kg; SAR (10g) = 0.310 W/kg;

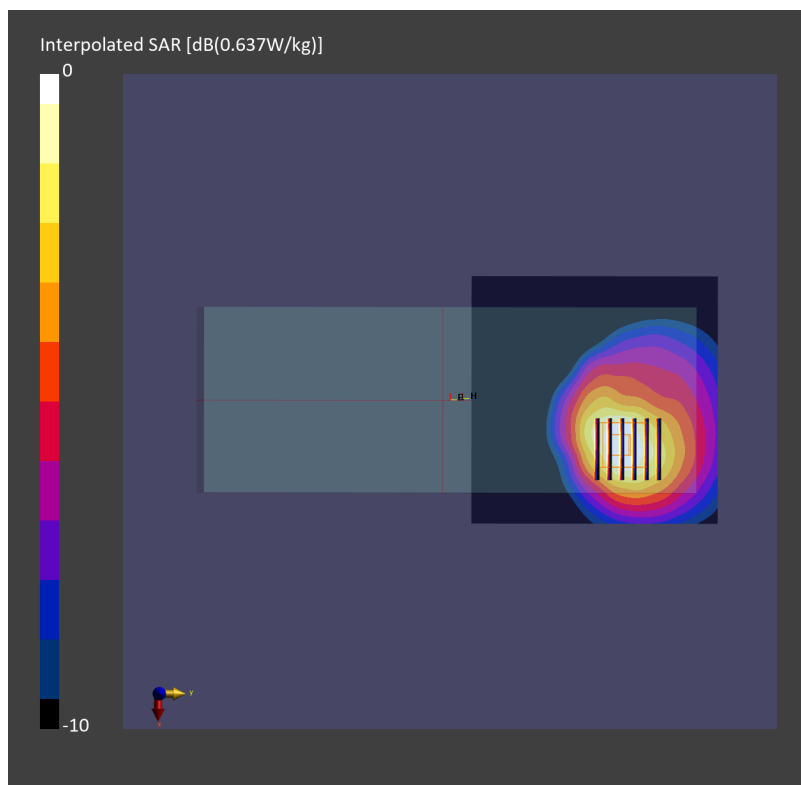
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.01 dB

SAR (1g) = 0.604 W/kg; SAR (8g) = 0.366 W/kg; SAR (10g) = 0.340 W/kg

Smallest distance from peaks to all points 3 dB below = 12.8 mm

Ratio of SAR at M2 to SAR at M1 = 83.9 %



#83_FR1 n26_20M_BPSK_1_1_Back_0mm_Ch166300

Communication System: 5G NR; Frequency: 831.500 MHz

Medium: HSL_835_240106 Medium parameters used: $f=831.500$ MHz; $\sigma=0.929$ S/m; $\epsilon_r=42.9$

Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(8.54, 8.54, 9.33); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10931-AAC

Area Scan (120.0 mm x 120.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.567 W/kg; SAR (10g) = 0.325 W/kg;

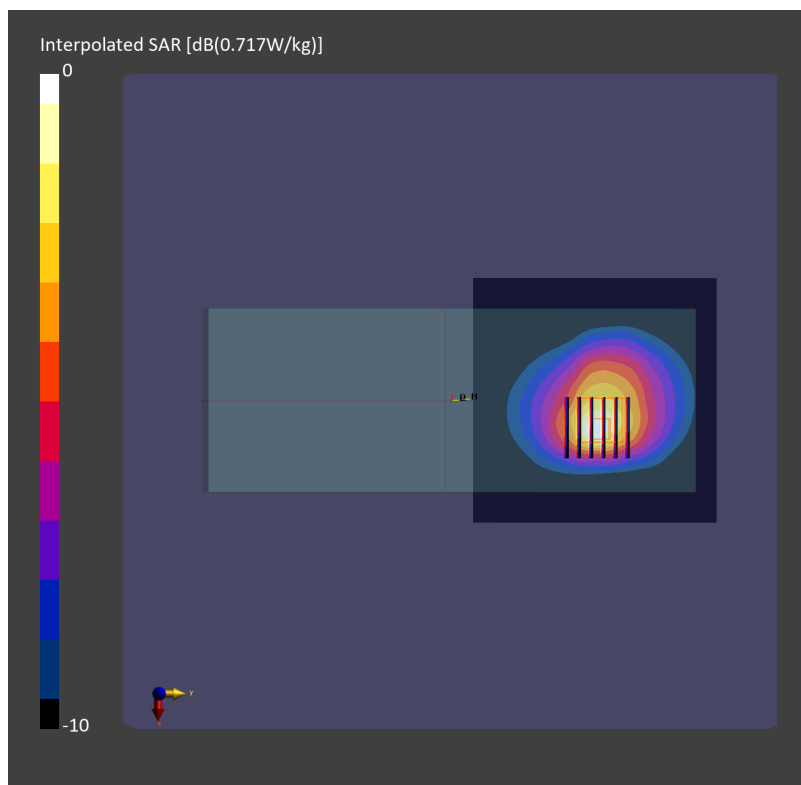
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.01 dB

SAR (1g) = 0.561 W/kg; SAR (8g) = 0.327 W/kg; SAR (10g) = 0.304 W/kg

Smallest distance from peaks to all points 3 dB below = 6.8 mm

Ratio of SAR at M2 to SAR at M1 = 68.3 %



#84_FR1 n30_10M_BPSK_1_1_Back_0mm_Ch462000

Communication System: 5G NR; Frequency: 2310.000 MHz

Medium: HSL_2300_231220 Medium parameters used: $f=2310.000$ MHz; $\sigma=1.66$ S/m; $\epsilon_r=39.4$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(7.03, 7.02, 7.36); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10929-AAD

Area Scan (120.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 1.51 W/kg; SAR (10g) = 0.799 W/kg;

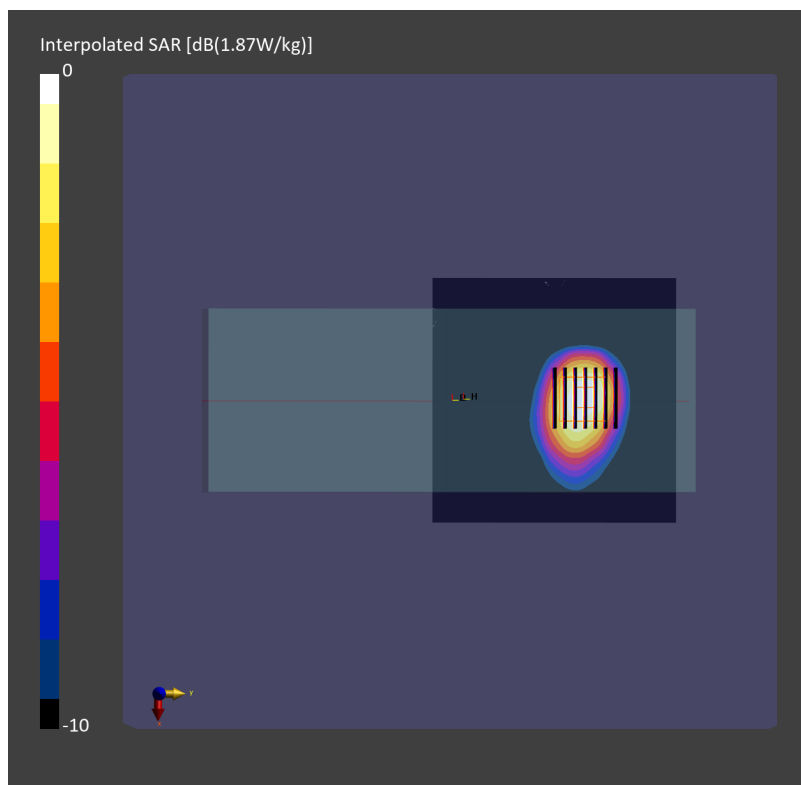
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.03 dB

SAR (1g) = 1.53 W/kg; SAR (8g) = 0.900 W/kg; SAR (10g) = 0.829 W/kg

Smallest distance from peaks to all points 3 dB below = 13.2 mm

Ratio of SAR at M2 to SAR at M1 = 85.2 %



#87_FR1 n41_100M_BPSK_1_271_Back_0mm_Ch518598

Communication System: 5G NR; Frequency: 2592.990 MHz

Medium: HSL_2600_240102 Medium parameters used: $f=2592.990$ MHz; $\sigma=1.94$ S/m; $\epsilon_r=38.6$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.2°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(6.8, 6.8, 7.12); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 TDD, 10866-AAF

Area Scan (120.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 2.67 W/kg; SAR (10g) = 1.31 W/kg;

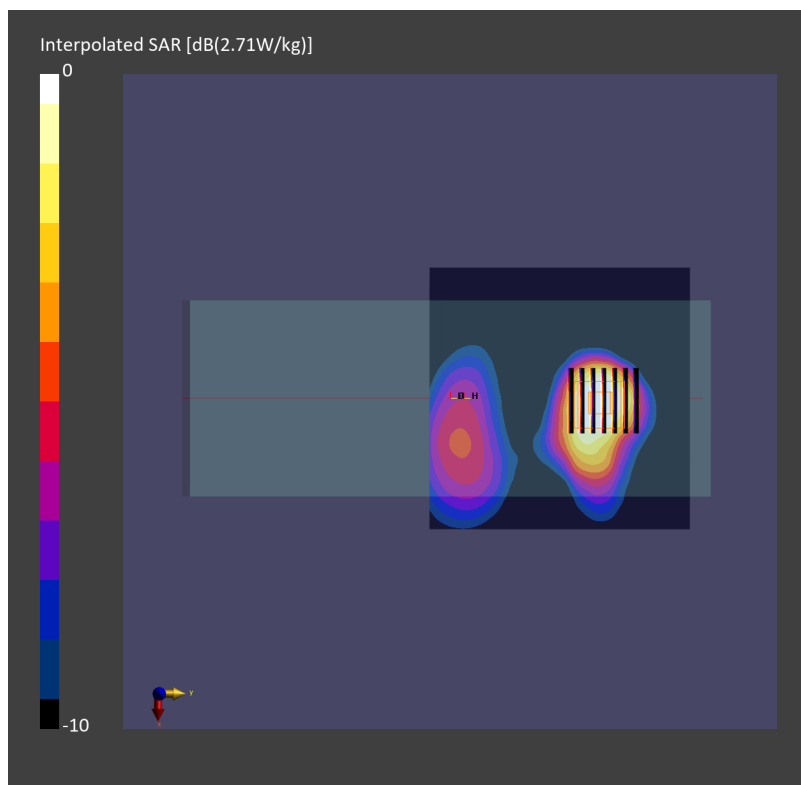
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.03 dB

SAR (1g) = 2.55 W/kg; SAR (8g) = 1.40 W/kg; SAR (10g) = 1.28 W/kg

Smallest distance from peaks to all points 3 dB below = 12.6 mm

Ratio of SAR at M2 to SAR at M1 = 83.4 %



#88_FR1 n48_40M_BPSK_1_1_Back_0mm_Ch645332

Communication System: 5G NR; Frequency: 3679.98 MHz
Medium: HSL_3700_231226 Medium parameters used: $f=3679.98$ MHz; $\sigma=3.17$ S/m; $\epsilon_r=38.0$
Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(6.54, 6.51, 6.82); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 TDD, 10903-AAD

Area Scan (120.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.741 W/kg; SAR (10g) = 0.313 W/kg;

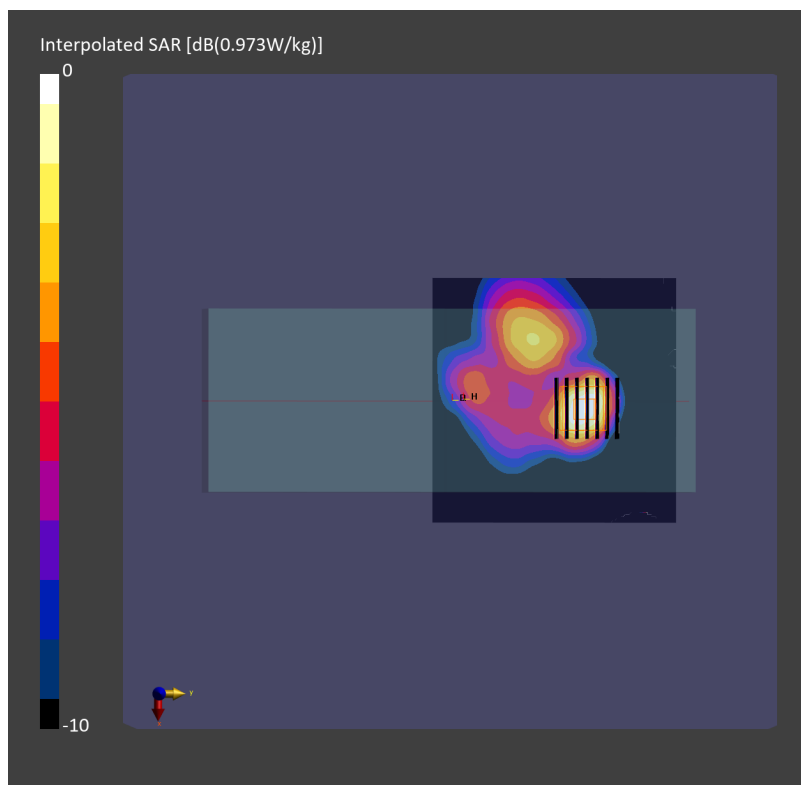
Zoom Scan (30.0 mm x 30.0 mm x 28.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

Power Drift = 0.01 dB

SAR (1g) = 0.756 W/kg; SAR (8g) = 0.350 W/kg; SAR (10g) = 0.312 W/kg

Smallest distance from peaks to all points 3 dB below = 9.9 mm

Ratio of SAR at M2 to SAR at M1 = 77.8 %



#85_FR1 n66_40M_BPSK_1_1_Back_0mm_Ch349000

Communication System: 5G NR; Frequency: 1745.000 MHz

Medium: HSL_1750_240104 Medium parameters used: $f=1745.000$ MHz; $\sigma=1.37$ S/m; $\epsilon_r=40.2$

Ambient Temperature: 23.7°C; Liquid Temperature: 22.7°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(7.42, 7.42, 7.85); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10934-AAC

Area Scan (120.0 mm x 120.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.737 W/kg; SAR (10g) = 0.431 W/kg;

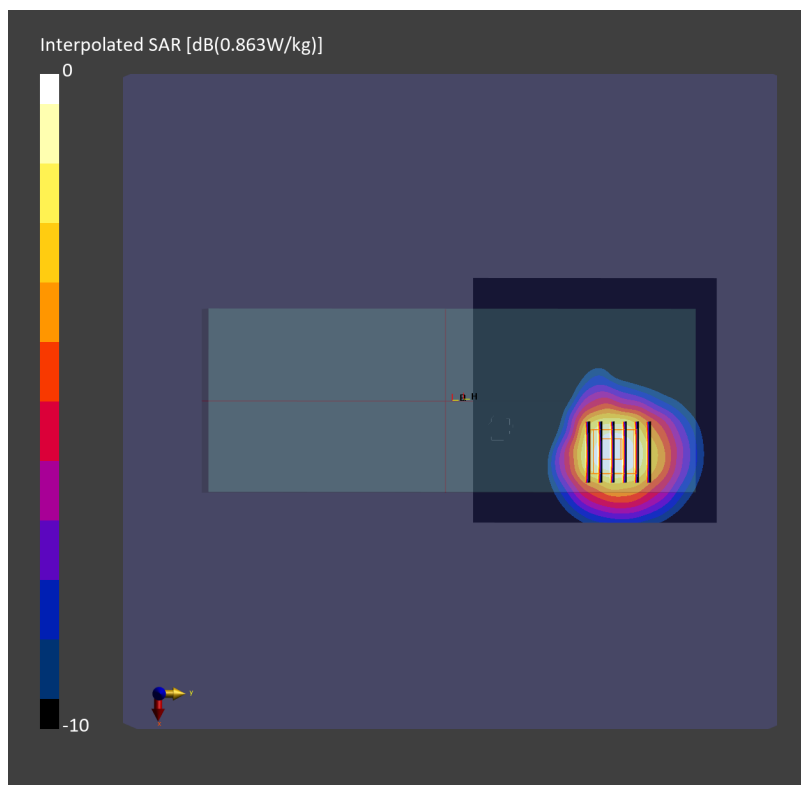
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.07 dB

SAR (1g) = 0.820 W/kg; SAR (8g) = 0.501 W/kg; SAR (10g) = 0.465 W/kg

Smallest distance from peaks to all points 3 dB below = 13.5 mm

Ratio of SAR at M2 to SAR at M1 = 82.3 %



#86_FR1 n71_20M_BPSK_1_1_Back_0mm_Ch136100

Communication System: 5G NR; Frequency: 680.500 MHz

Medium: HSL_750_240107 Medium parameters used: $f=680.500$ MHz; $\sigma=0.867$ S/m; $\epsilon_r=43.3$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(8.8, 9.24, 9.25); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 FDD, 10931-AAC

Area Scan (120.0 mm x 120.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.566 W/kg; SAR (10g) = 0.362 W/kg;

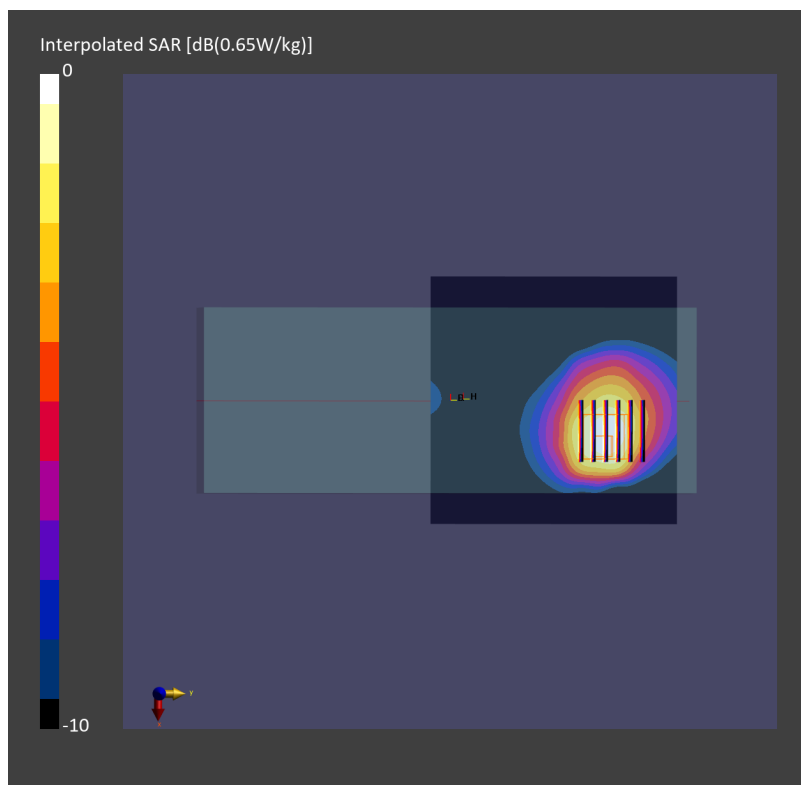
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.06 dB

SAR (1g) = 0.780 W/kg; SAR (8g) = 0.398 W/kg; SAR (10g) = 0.365 W/kg

Smallest distance from peaks to all points 3 dB below = 6.0 mm

Ratio of SAR at M2 to SAR at M1 = 61.5 %



#89_FR1 n77_100M_BPSK_1_1_Back_0mm_Ch656000

Communication System: 5G NR; Frequency: 3840.000 MHz

Medium: HSL_3900_231230 Medium parameters used: $f=3840.000$ MHz; $\sigma=3.29$ S/m; $\epsilon_r=37.3$

Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(6.47, 6.43, 6.73); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: 5G NR FR1 TDD, 10866-AAF

Area Scan (120.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 1.60 W/kg; SAR (10g) = 0.731 W/kg;

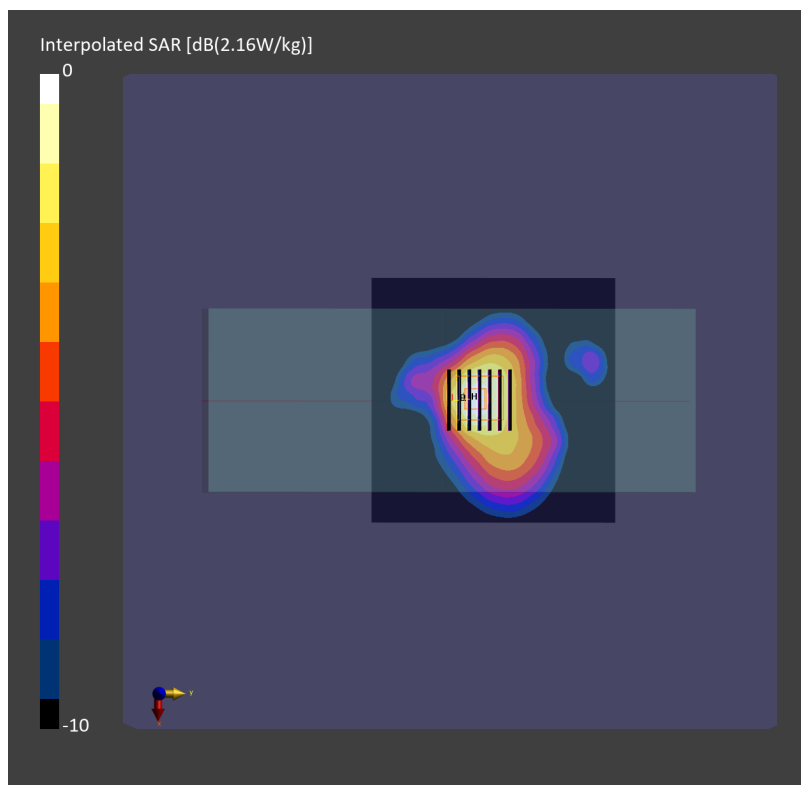
Zoom Scan (30.0 mm x 30.0 mm x 28.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm

Power Drift = 0.00 dB

SAR (1g) = 1.65 W/kg; SAR (8g) = 0.844 W/kg; SAR (10g) = 0.770 W/kg

Smallest distance from peaks to all points 3 dB below = 12.7 mm

Ratio of SAR at M2 to SAR at M1 = 76.2 %



#90_WLAN2.4GHz_802.11b 1Mbps_Back_0mm_Ch6

Communication System: 802.11b; Frequency: 2437.000 MHz

Medium: HSL_2450_231228 Medium parameters used: $f=2437.000$ MHz; $\sigma=1.80$ S/m; $\epsilon_r=39.6$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(6.89, 6.89, 7.21); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10571-AAA

Area Scan (140.0 mm x 140.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.491 W/kg; SAR (10g) = 0.257 W/kg;

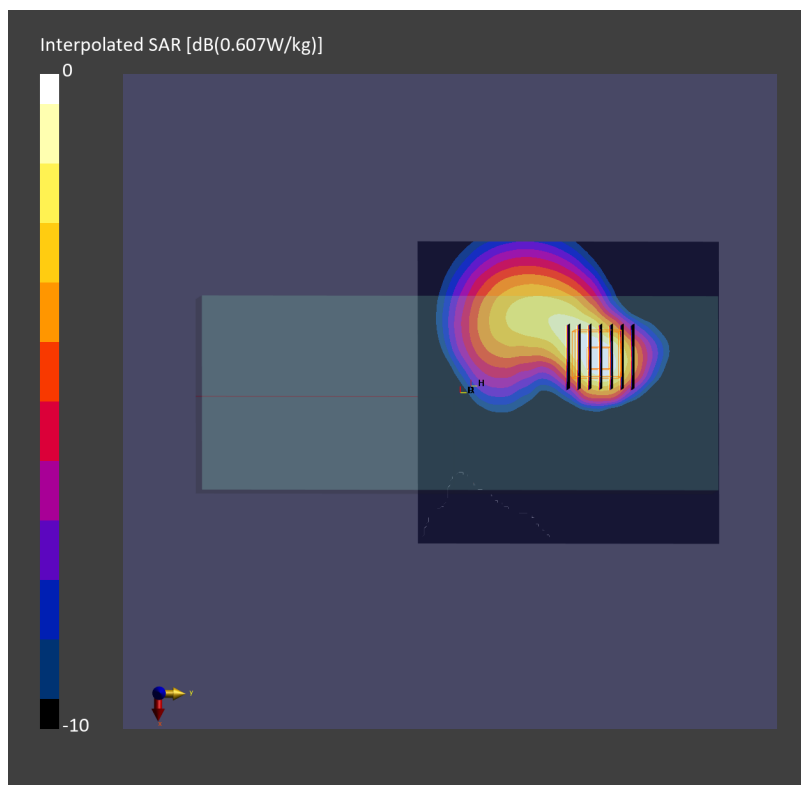
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.01 dB

SAR (1g) = 0.502 W/kg; SAR (8g) = 0.289 W/kg; SAR (10g) = 0.266 W/kg

Smallest distance from peaks to all points 3 dB below = 12.9 mm

Ratio of SAR at M2 to SAR at M1 = 82.9 %



#91_WLAN5GHz_802.11a 6Mbps_Back_0mm_Ch60

Communication System: 802.11a; Frequency: 5300.000 MHz

Medium: HSL_5250_231222 Medium parameters used: $f=5300.000$ MHz; $\sigma=4.78$ S/m; $\epsilon_r=36.3$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(5.38, 5.34, 5.57); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10583-AAD

Area Scan (140.0 mm x 140.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.916 W/kg; SAR (10g) = 0.366 W/kg;

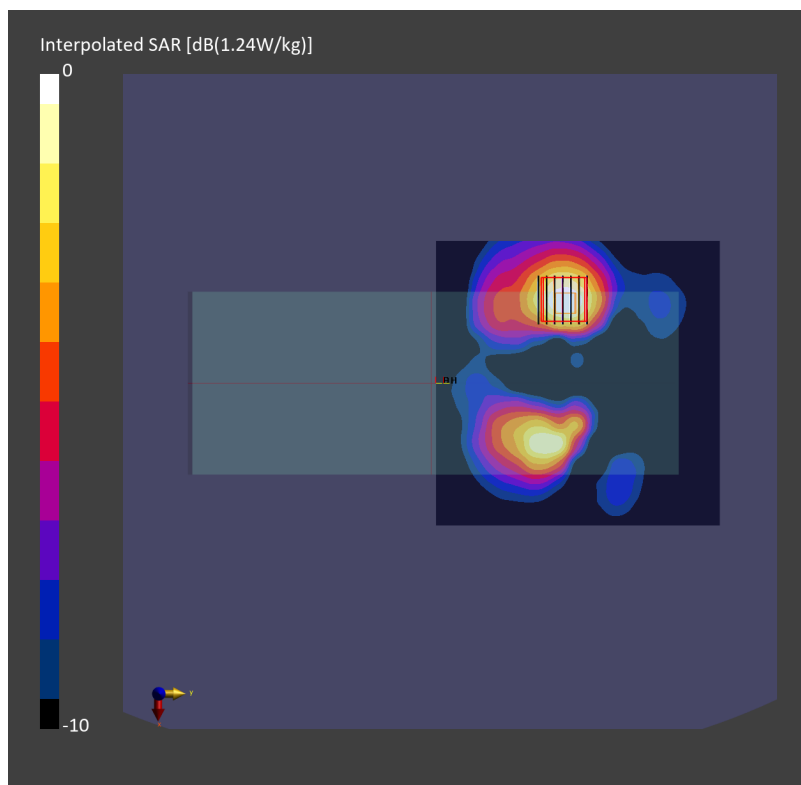
Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.02 dB

SAR (1g) = 0.927 W/kg; SAR (8g) = 0.412 W/kg; SAR (10g) = 0.370 W/kg

Smallest distance from peaks to all points 3 dB below = 10.4 mm

Ratio of SAR at M2 to SAR at M1 = 65.7 %



#92_WLAN5GHz_802.11ac-VHT80 MCS0_Back_0mm_Ch138

Communication System: 802.11ac; Frequency: 5690.000 MHz

Medium: HSL_5600_231222 Medium parameters used: $f=5690.000$ MHz; $\sigma=5.19$ S/m; $\epsilon_r=35.7$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(4.68, 4.58, 4.85); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10626-AAD

Area Scan (140.0 mm x 120.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 1.43 W/kg; SAR (10g) = 0.547 W/kg;

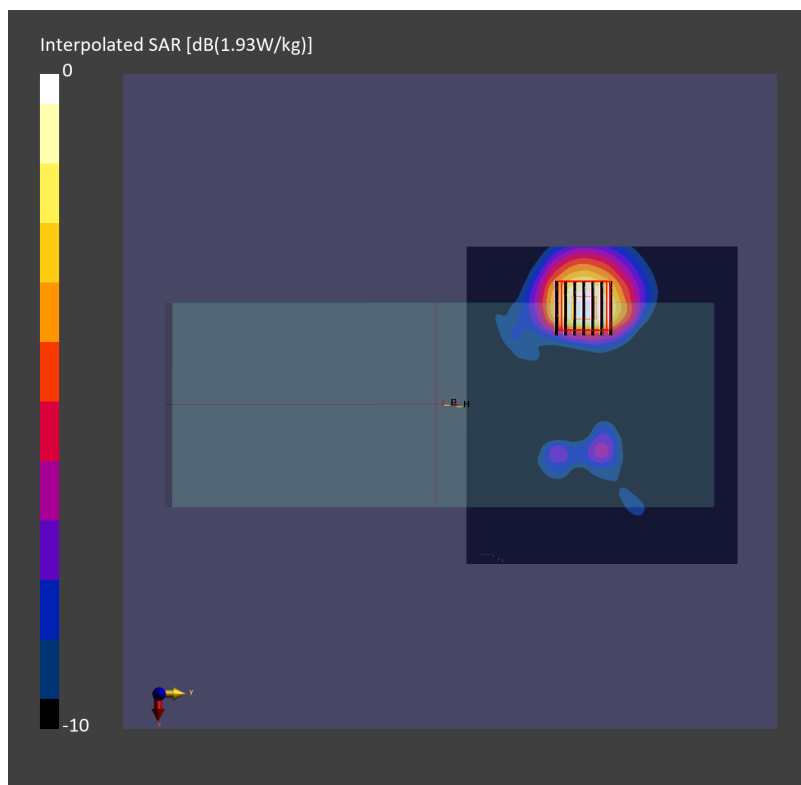
Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.04 dB

SAR (1g) = 1.43 W/kg; SAR (8g) = 0.619 W/kg; SAR (10g) = 0.552 W/kg

Smallest distance from peaks to all points 3 dB below = 10.4 mm

Ratio of SAR at M2 to SAR at M1 = 63.1 %



#93_WLAN5GHz_802.11ac-VHT80 MCS0_Back_0mm_Ch155

Communication System: 802.11ac; Frequency: 5775.000 MHz

Medium: HSL_5750_231222 Medium parameters used: $f=5775.000$ MHz; $\sigma=5.29$ S/m; $\epsilon_r=35.6$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(4.68, 4.58, 4.85); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10626-AAD

Area Scan (140.0 mm x 140.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 1.14 W/kg; SAR (10g) = 0.442 W/kg;

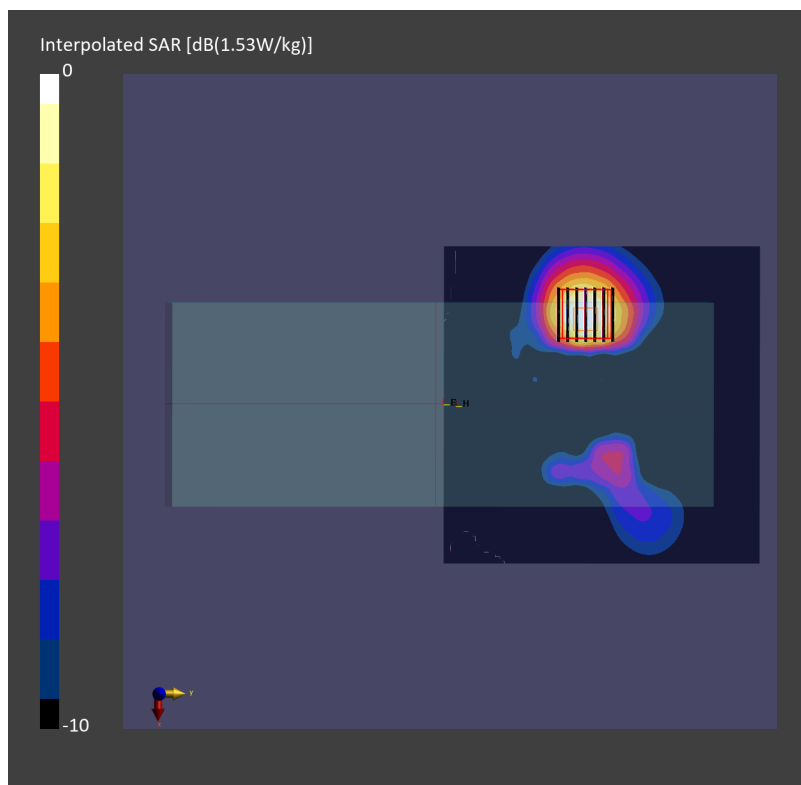
Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.06 dB

SAR (1g) = 1.17 W/kg; SAR (8g) = 0.507 W/kg; SAR (10g) = 0.454 W/kg

Smallest distance from peaks to all points 3 dB below = 9.7 mm

Ratio of SAR at M2 to SAR at M1 = 62.9 %



#94_WLAN6GHz_802.11ax-HE160 MCS0_Back_0mm_Ch143

Communication System: 802.11ax; Frequency: 6665.000 MHz

Medium: HSL_6G_240108 Medium parameters used: $f = 6665.000$ MHz; $\sigma = 6.36$ S/m; $\epsilon_r = 34.5$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(5.06, 5.12, 5.2); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10743-AAC

Area Scan (153.0 mm x 153.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.429 W/kg; SAR (10g) = 0.170 W/kg;

Zoom Scan (23.8 mm x 23.8 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

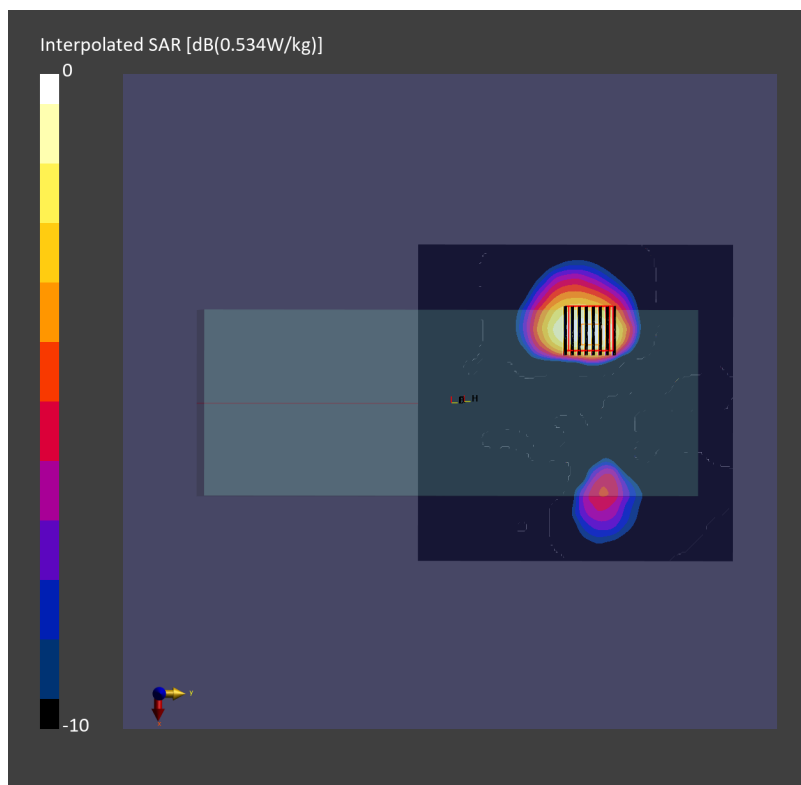
Power Drift = 0.03 dB

SAR (1g) = 0.432 W/kg; SAR (8g) = 0.192 W/kg; SAR (10g) = 0.172 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 52.5 %

psAPD (1.0cm², sq) = 4.32 [W/m²]; psAPD (4.0cm², sq) = 3.83 [W/m²]



#95_Bluetooth_3Mbps_Back_0mm_Ch0

Communication System: Bluetooth; Frequency: 2402.000 MHz

Medium: HSL_2450_240101 Medium parameters used: $f=2402.000$ MHz; $\sigma=1.75$ S/m; $\epsilon_r=39.4$

Ambient Temperature: 23.7°C; Liquid Temperature: 22.7°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(6.89, 6.89, 7.21); Calibrated: 2023-08-02
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2023-07-31
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2211; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: Bluetooth, 10032-CAA

Area Scan (100.0 mm x 140.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.004 W/kg; SAR (10g) = 0.001 W/kg;

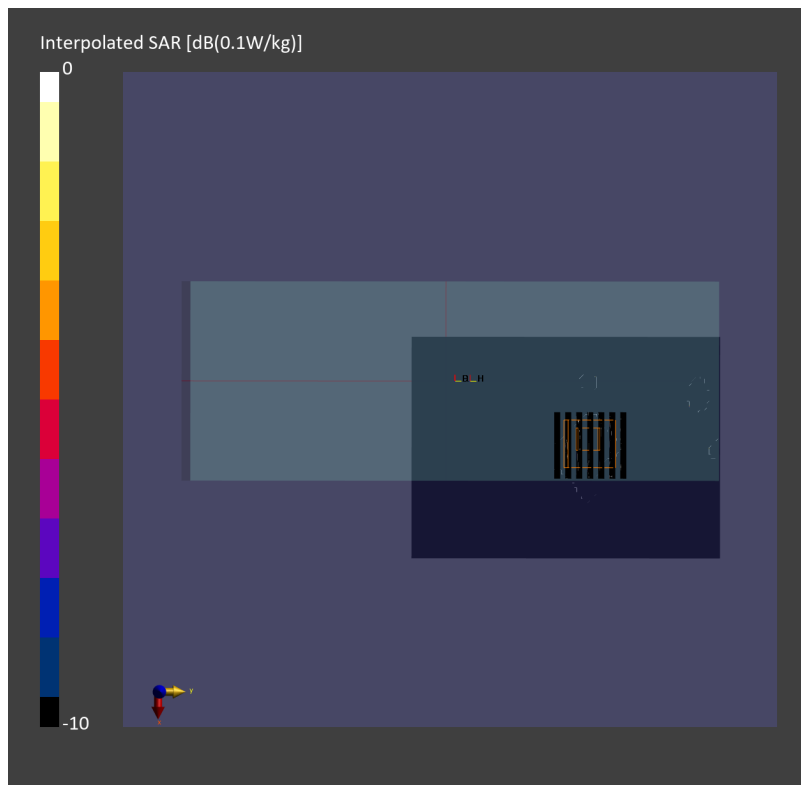
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.05 dB

SAR (1g) = 0.003 W/kg; SAR (8g) = 0 W/kg; SAR (10g) = 0 W/kg

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 92.6 %



#96_NFC_Back_0mm_13.56MHz

Communication System: NFC; Frequency: 13.56 MHz

Medium: HSL_13_240111 Medium parameters used: $f = 13.56$ MHz; $\sigma = 0.729$ S/m; $\epsilon_r = 54.589$; $\rho = 1000$ kg/m³

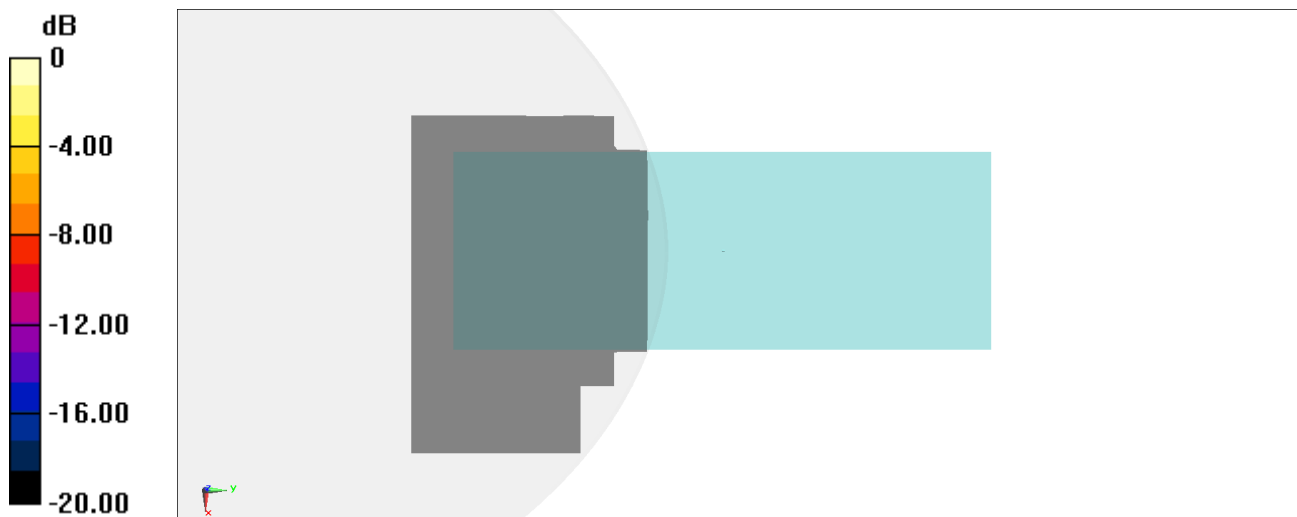
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7306;ConvF(16.9, 16.9, 16.9) @ 13.56 MHz;Calibrated: 2023/7/18
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2023/7/14
- Phantom: ELI v4.0_Mid; Type: QDOVA001AA; Serial: TP:1026
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Area Scan (101x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0 W/kg



0 dB = 0 W/kg = -999.00 dBW/kg

Measurement Report for Device

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	Software Version	DUT Type
Device,	240.0 x 88.0 x 52.0	3.0.0.841	Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Frequency [MHz]	Conversion Factor
5G	BACK, 2.00	6025.0	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - xxxx	Air -	EUmmWV4 - SN9461_F1-55GHz, 2023-10-12	DAE4 Sn854, 2023-08-17

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	150.0 x 150.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0

Measurement Results

Date	2023-12-20
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.82
psPDtot+ [W/m ²]	2.86
H _{max} [A/m]	0.116
E _{max} [V/m]	36.8
max _(Stot) [W/m ²]	3.71
Power Drift [dB]	0.15
IPDn	4.82

