

#1_GSM850_GPRS (4 Tx slots)_Left Cheek_Ch128

Communication System: GSM850 ; Frequency: 824.2 MHz; Duty Cycle: 1:2.08

Medium: HSL_850_190715 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.863$ S/m; $\epsilon_r = 43.311$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3170; ConvF(6.28, 6.28, 6.28) @ 824.2 MHz; Calibrated: 2018/11/2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.328 W/kg

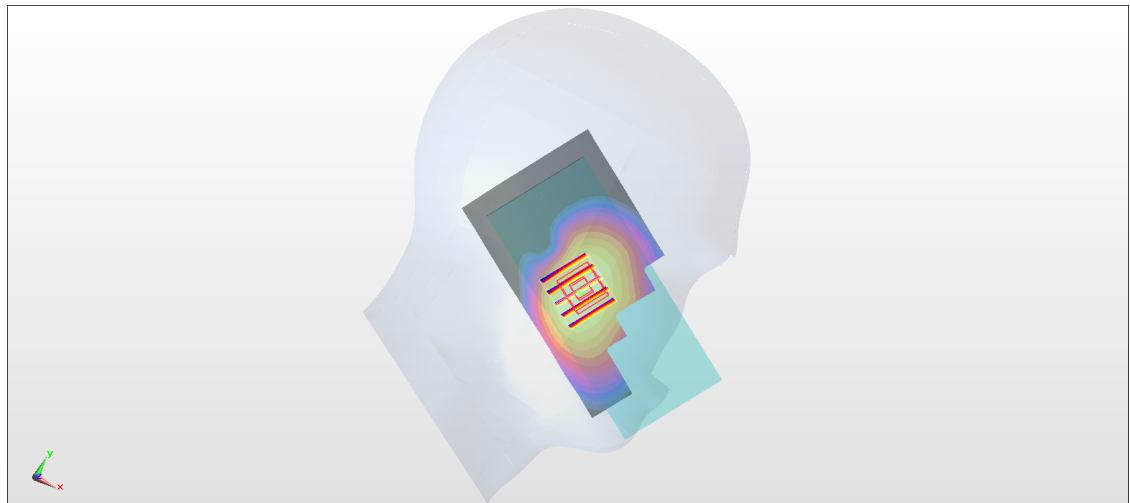
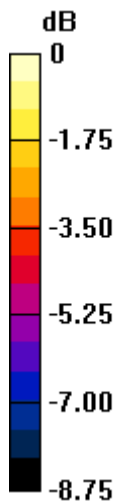
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.74 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.437 W/kg

SAR(1 g) = 0.306 W/kg; SAR(10 g) = 0.261 W/kg

Maximum value of SAR (measured) = 0.380 W/kg



0 dB = 0.380 W/kg = -4.20 dBW/kg

#2_GSM1900_EDGE (4 Tx slots)_Right Cheek_Ch661

Communication System: PCS ; Frequency: 1880 MHz; Duty Cycle: 1:2.08

Medium: HSL_1900_190719 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ S/m; $\epsilon_r = 40.327$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.17, 5.17, 5.17) @ 1880 MHz; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (61x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0388 W/kg

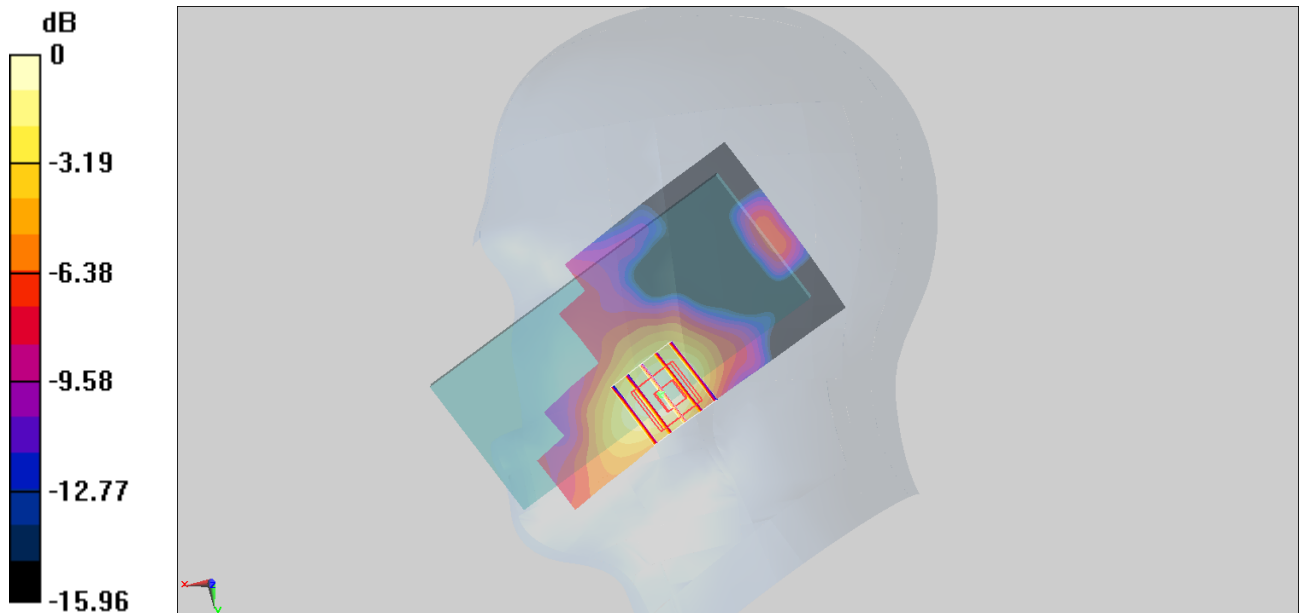
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.511 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.0540 W/kg

SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.021 W/kg

Maximum value of SAR (measured) = 0.0373 W/kg



0 dB = 0.0373 W/kg = -14.28 dBW/kg

#3_WCDMA II_RMC 12.2Kbps_Right Cheek_Ch9538

Communication System: WCDMA ; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL_1900_190719 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.405$ S/m; $\epsilon_r = 40.324$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.17, 5.17, 5.17) @ 1907.6 MHz; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0439 W/kg

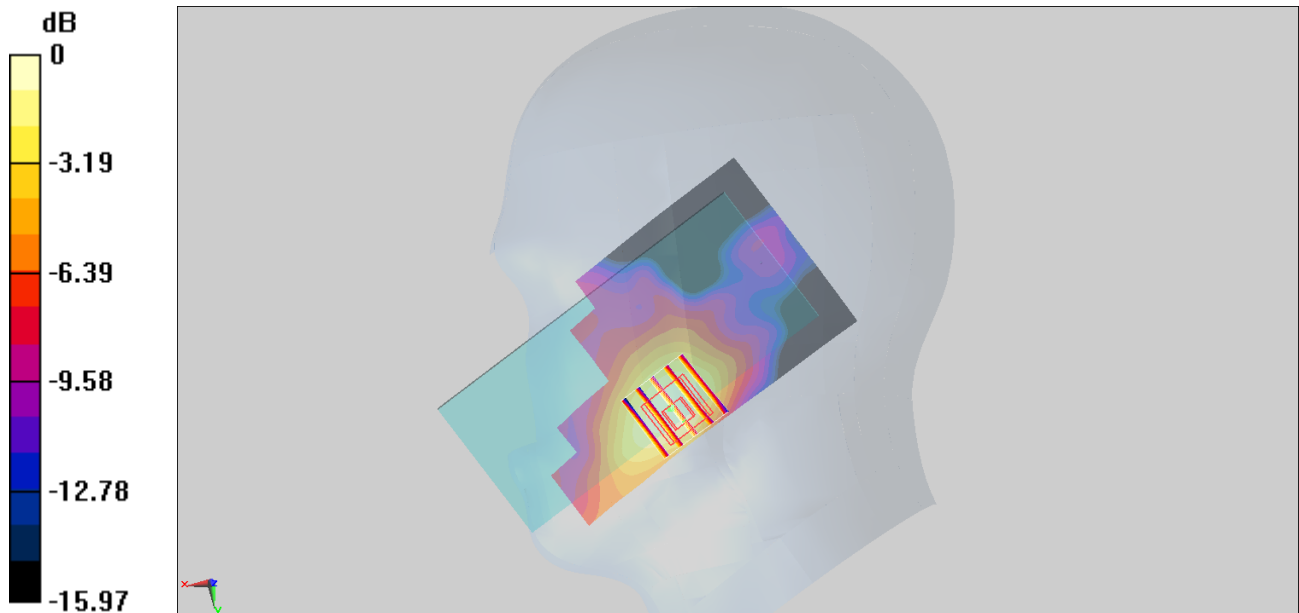
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.387 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.0560 W/kg

SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.023 W/kg

Maximum value of SAR (measured) = 0.0417 W/kg



0 dB = 0.0417 W/kg = -13.80 dBW/kg

#4_WCDMA IV_RMC 12.2Kbps_Right Cheek_Ch1413

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: HSL_1750_190717 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.349$ S/m; $\epsilon_r = 41.562$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3170; ConvF(5.32, 5.32, 5.32) @ 1732.6 MHz; Calibrated: 2018/11/2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0510 W/kg

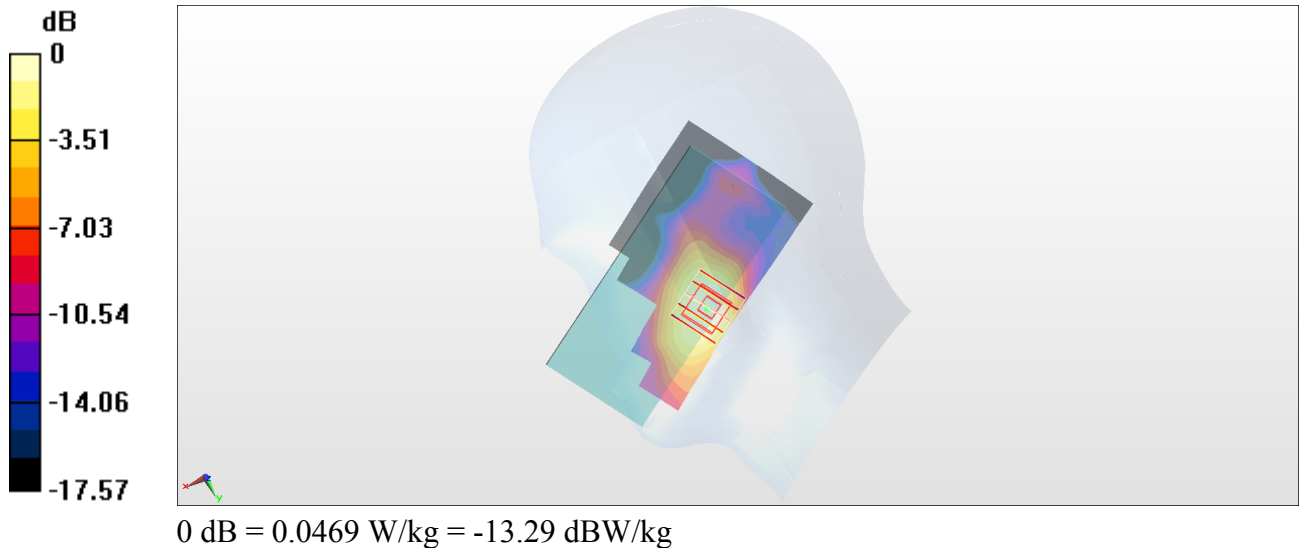
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.574 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.0600 W/kg

SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.0469 W/kg



#5_WCDMA V_RMC 12.2Kbps_Left Cheek_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL_850_190715 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.875$ S/m; $\epsilon_r = 43.173$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3170; ConvF(6.28, 6.28, 6.28) @ 836.4 MHz; Calibrated: 2018/11/2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.332 W/kg

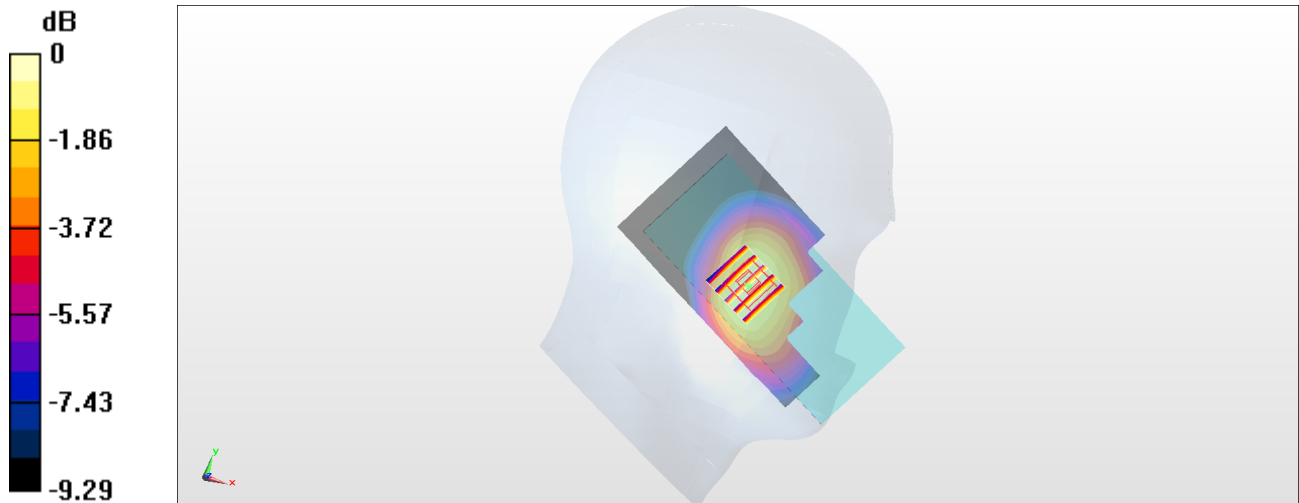
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.35 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.450 W/kg

SAR(1 g) = 0.306 W/kg; SAR(10 g) = 0.248 W/kg

Maximum value of SAR (measured) = 0.391 W/kg



0 dB = 0.391 W/kg = -4.08 dBW/kg

#6_LTE Band 7_20M_QPSK_50_24_Right Cheek_Ch20850

Communication System: LTE ; Frequency: 2510 MHz;Duty Cycle: 1:1

Medium: HSL_2600_190718 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.877$ S/m; $\epsilon_r = 38.613$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3170;ConvF(4.63, 4.63, 4.63) @ 2510 MHz;Calibrated: 2018/11/2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0772 W/kg

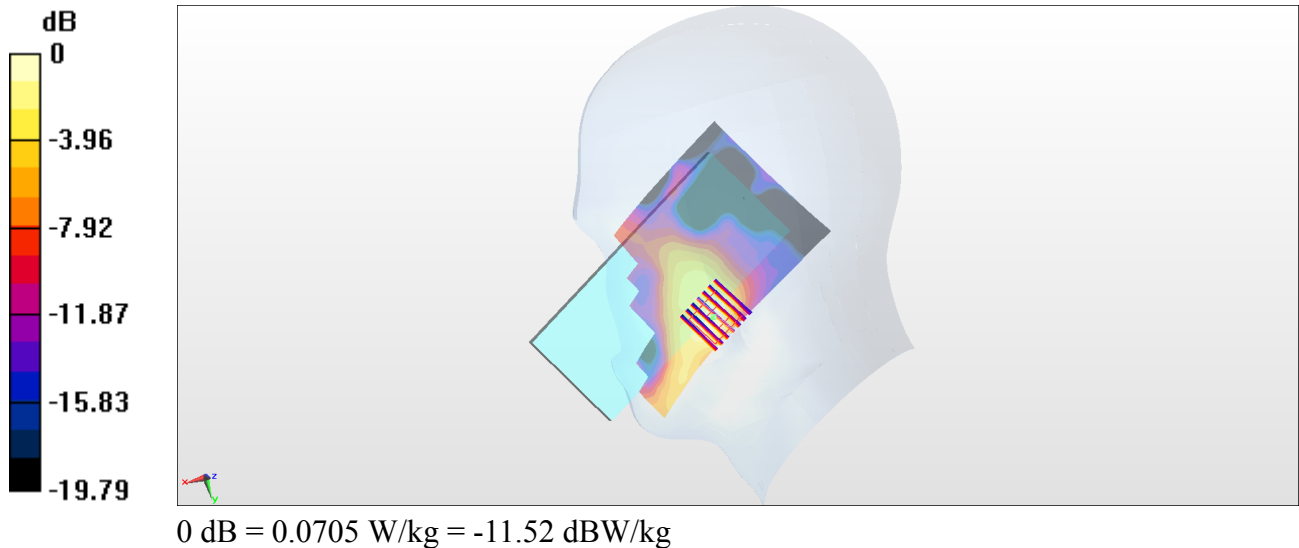
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.737 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.122 W/kg

SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.025 W/kg

Maximum value of SAR (measured) = 0.0705 W/kg



#7_LTE Band 12_10M_QPSK_1_49_Left Cheek_Ch23095

Communication System: LTE ; Frequency: 707.5 MHz;Duty Cycle: 1:1

Medium: HSL_750_190716 Medium parameters used : $f = 707.5$ MHz; $\sigma = 0.86$ S/m; $\epsilon_r = 41.082$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.1 °C

DASY5 Configuration

- Probe: ES3DV3 - SN3170;ConvF(6.41, 6.41, 6.41) @ 707.5 MHz;Calibrated: 2018/11/2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.182 W/kg

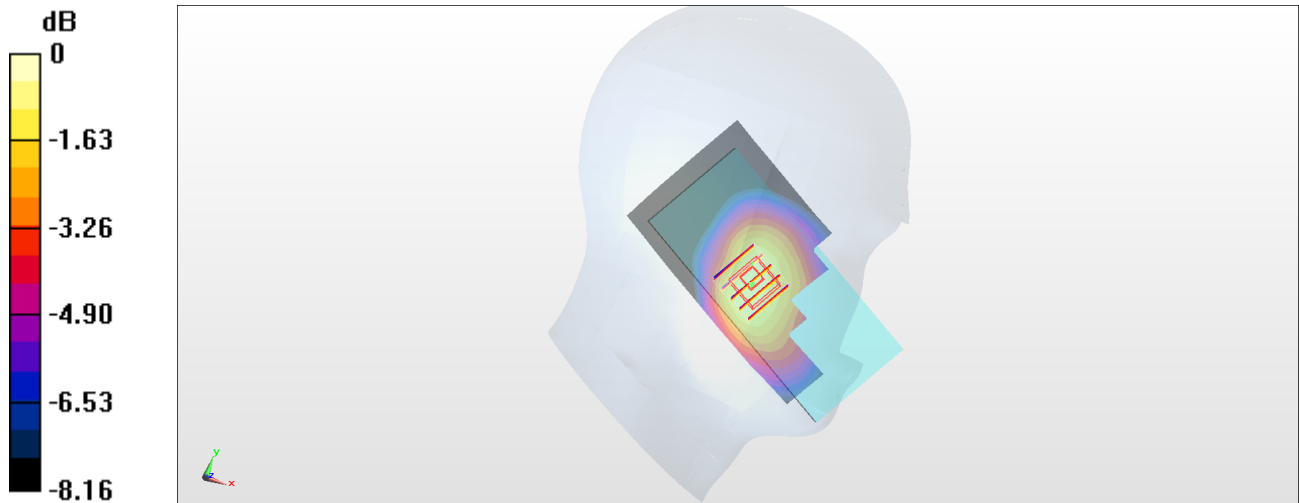
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.01 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.246 W/kg

SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.159 W/kg

Maximum value of SAR (measured) = 0.215 W/kg



0 dB = 0.215 W/kg = -6.68 dBW/kg

#8_LTE Band 13_10M_QPSK_1_25_Left Cheek_Ch23230

Communication System: LTE ; Frequency: 782 MHz;Duty Cycle: 1:1

Medium: HSL_750_190716 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.93 \text{ S/m}$; $\epsilon_r = 40.125$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.1°C ; Liquid Temperature : 22.1°C

DASY5 Configuration

- Probe: ES3DV3 - SN3170;ConvF(6.41, 6.41, 6.41) @ 782 MHz;Calibrated: 2018/11/2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.268 W/kg

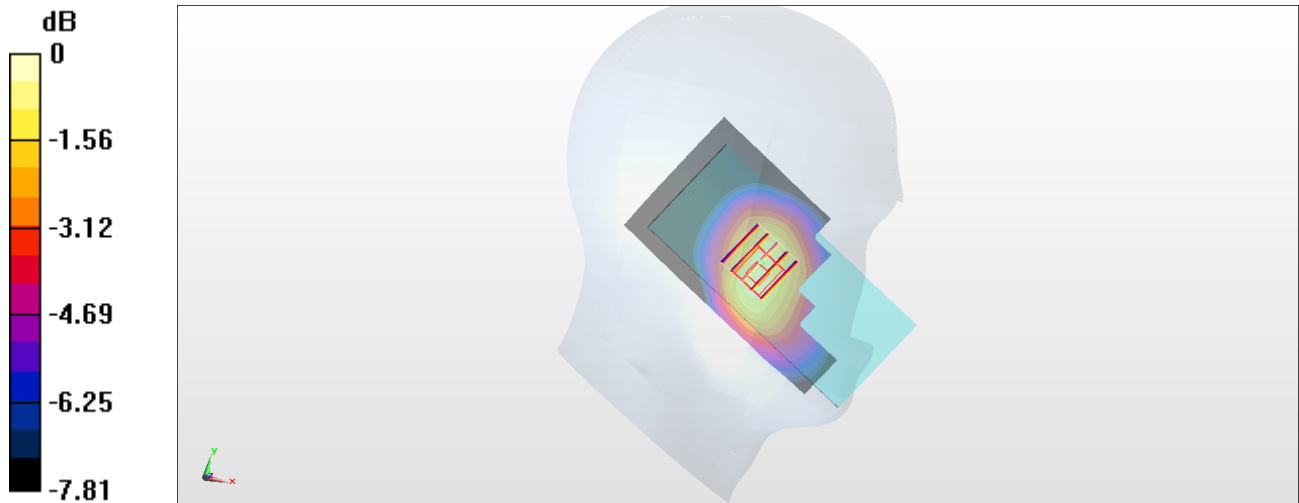
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.77 V/m ; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.360 W/kg

SAR(1 g) = 0.275 W/kg ; SAR(10 g) = 0.221 W/kg

Maximum value of SAR (measured) = 0.320 W/kg



0 dB = 0.320 W/kg = -4.95 dBW/kg

#9_LTE Band 25_20M_QPSK_50_24_Right Cheek_Ch26590

Communication System: LTE ; Frequency: 1905 MHz;Duty Cycle: 1:1

Medium: HSL_1900_190719 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.405$ S/m; $\epsilon_r = 40.325$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.17, 5.17, 5.17) @ 1905 MHz; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0360 W/kg

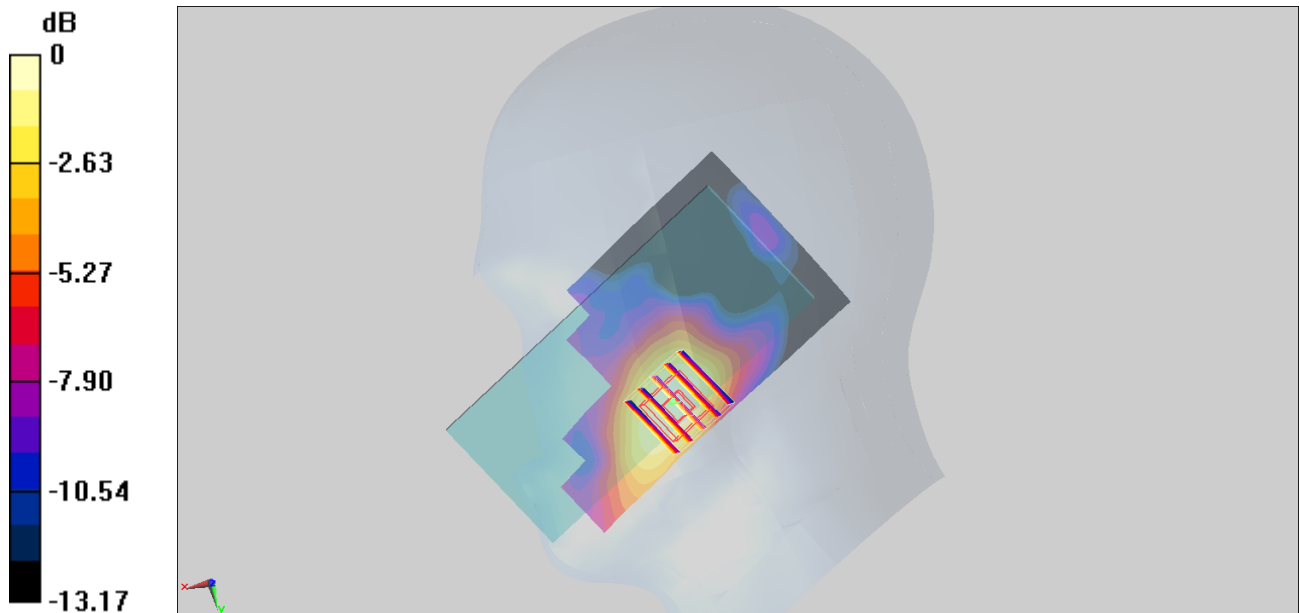
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.999 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.0450 W/kg

SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.020 W/kg

Maximum value of SAR (measured) = 0.0348 W/kg



0 dB = 0.0348 W/kg = -14.58 dBW/kg

#10_LTE Band 26_15M_QPSK_1_0_Left Cheek_Ch26865

Communication System: LTE; Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: HSL_850_190715 Medium parameters used : $f = 831.5$ MHz; $\sigma = 0.87$ S/m; $\epsilon_r = 43.232$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3170; ConvF(6.28, 6.28, 6.28) @ 831.5 MHz; Calibrated: 2018/11/2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.285 W/kg

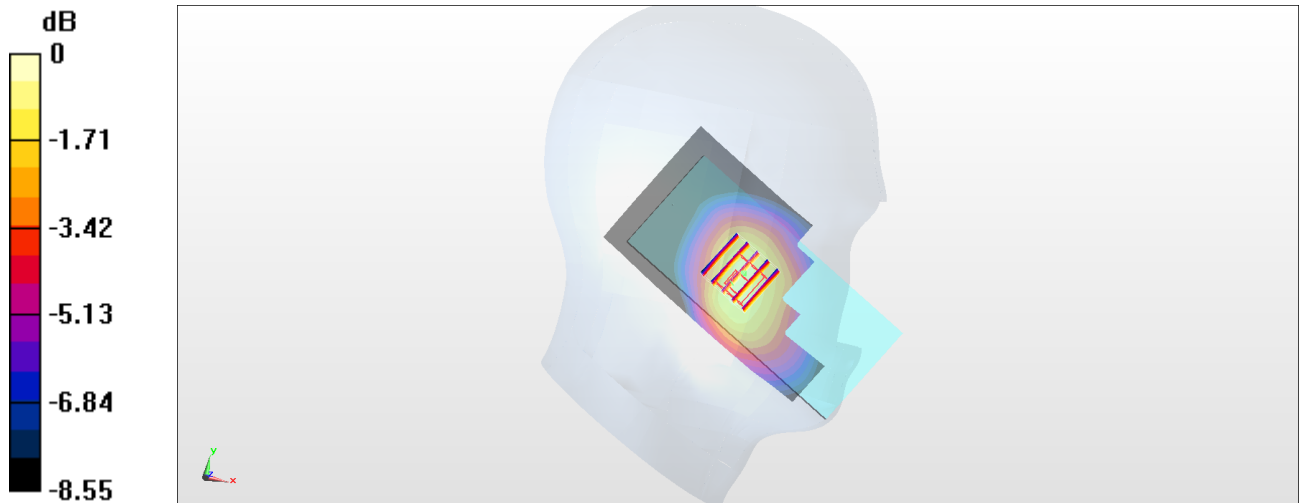
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.04 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.389 W/kg

SAR(1 g) = 0.276 W/kg; SAR(10 g) = 0.221 W/kg

Maximum value of SAR (measured) = 0.345 W/kg



0 dB = 0.345 W/kg = -4.62 dBW/kg

#11_LTE Band 66_20M_QPSK_50_0_Right Cheek_Ch132572

Communication System: LTE; Frequency: 1770 MHz; Duty Cycle: 1:1

Medium: HSL_1750_190717 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.375$ S/m; $\epsilon_r = 41.674$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3170; ConvF(5.32, 5.32, 5.32) @ 1770 MHz; Calibrated: 2018/11/2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.0528 W/kg

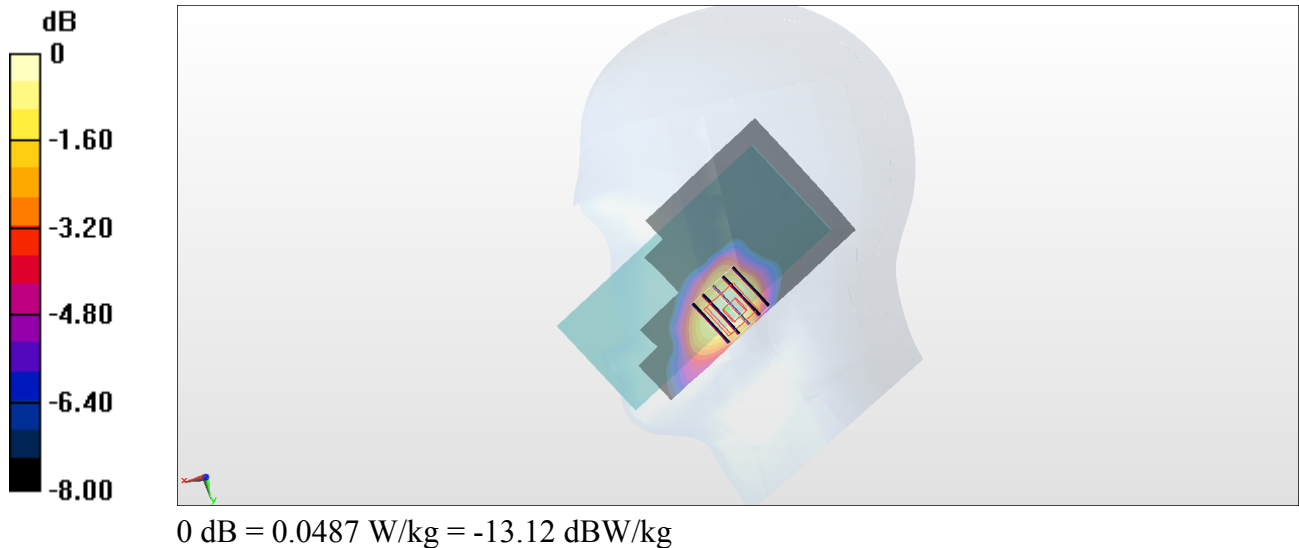
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.913 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.0650 W/kg

SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (measured) = 0.0487 W/kg



#12_LTE Band 41_20M_QPSK_50_50_Right Cheek_Ch39750

Communication System: LTE; Frequency: 2506 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600_190718 Medium parameters used : $f = 2506$ MHz; $\sigma = 1.874$ S/m; $\epsilon_r = 38.627$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3170; ConvF(4.63, 4.63, 4.63) @ 2506 MHz; Calibrated: 2018/11/2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0650 W/kg

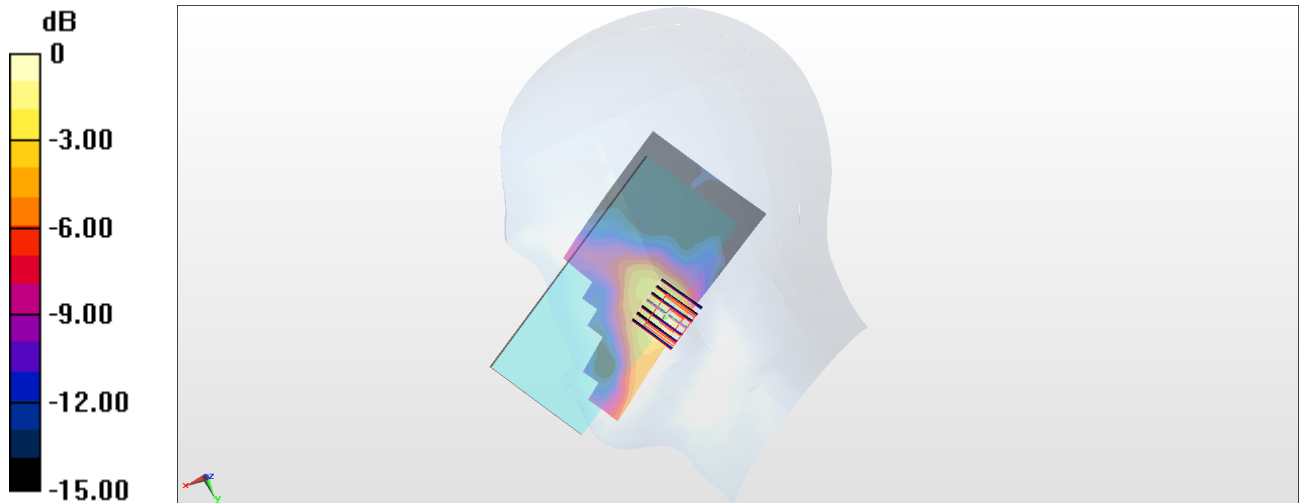
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.471 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.118 W/kg

SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (measured) = 0.0761 W/kg



0 dB = 0.0761 W/kg = -11.19 dBW/kg

#13_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch1

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1.005

Medium: HSL_2450_190721 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.746$ S/m; $\epsilon_r = 39.066$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.54, 7.54, 7.54) @ 2412 MHz; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (91x71x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.471 W/kg

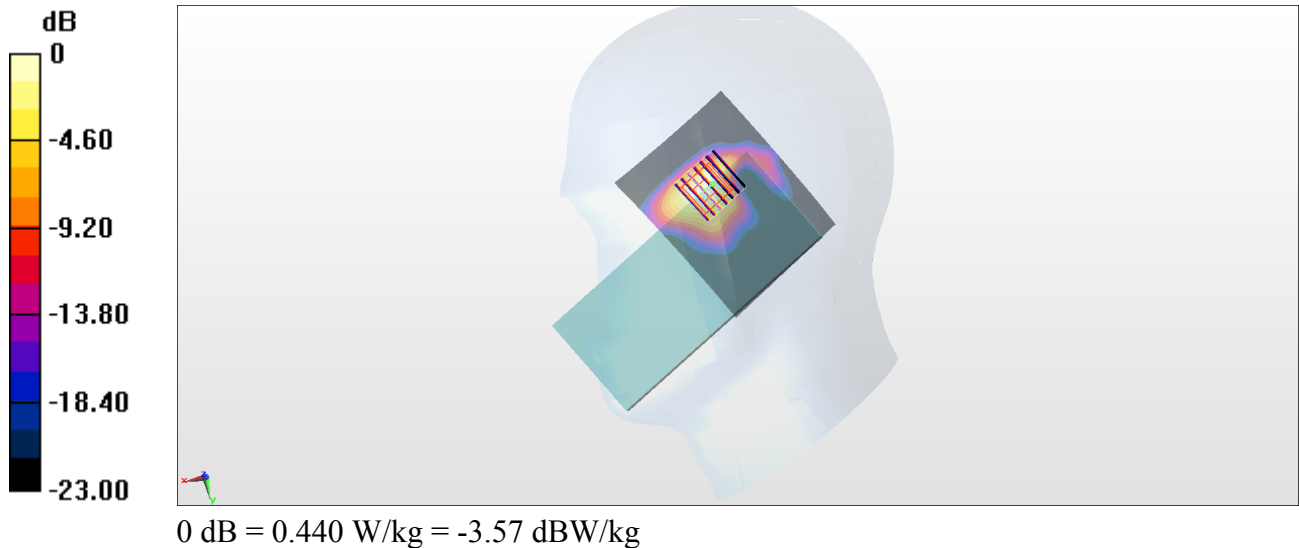
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 15.75 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.567 W/kg

SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.100 W/kg

Maximum value of SAR (measured) = 0.440 W/kg



#14_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch58

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.032

Medium: HSL_5G_190722 Medium parameters used: $f = 5290$ MHz; $\sigma = 4.707$ S/m; $\epsilon_r = 35.894$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.12, 5.12, 5.12) @ 5290 MHz; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (101x81x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.648 W/kg

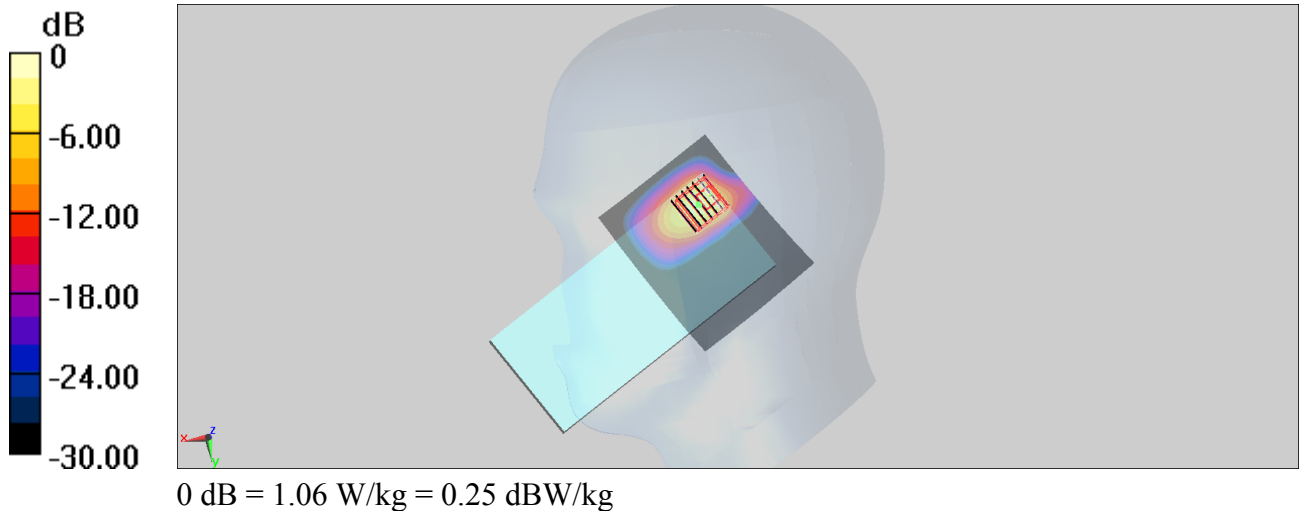
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 10.33 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.351 W/kg; SAR(10 g) = 0.099 W/kg

Maximum value of SAR (measured) = 1.06 W/kg



#15_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch122

Communication System: 802.11ac; Frequency: 5610 MHz; Duty Cycle: 1:1.032

Medium: HSL_5G_190722 Medium parameters used: $f = 5610$ MHz; $\sigma = 5.034$ S/m; $\epsilon_r = 35.476$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.47, 4.47, 4.47) @ 5610 MHz; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (51x41x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.977 W/kg

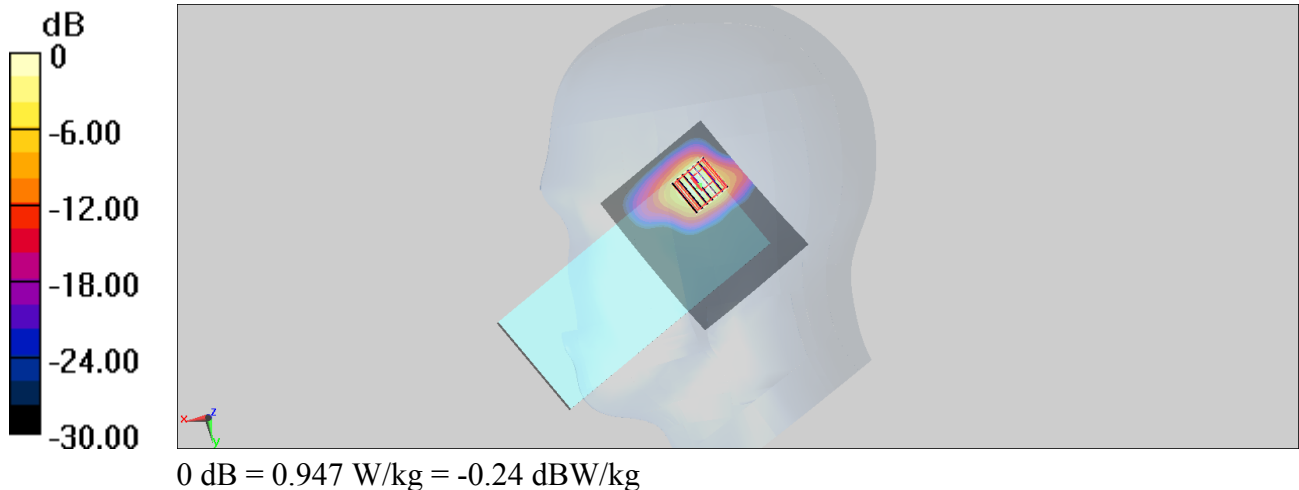
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.583 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.335 W/kg; SAR(10 g) = 0.094 W/kg

Maximum value of SAR (measured) = 0.947 W/kg



#16_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch155

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.032

Medium: HSL_5G_190723 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.112$ S/m; $\epsilon_r = 36.531$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.72, 4.72, 4.72) @ 5775 MHz; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Area Scan (51x31x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.410 W/kg

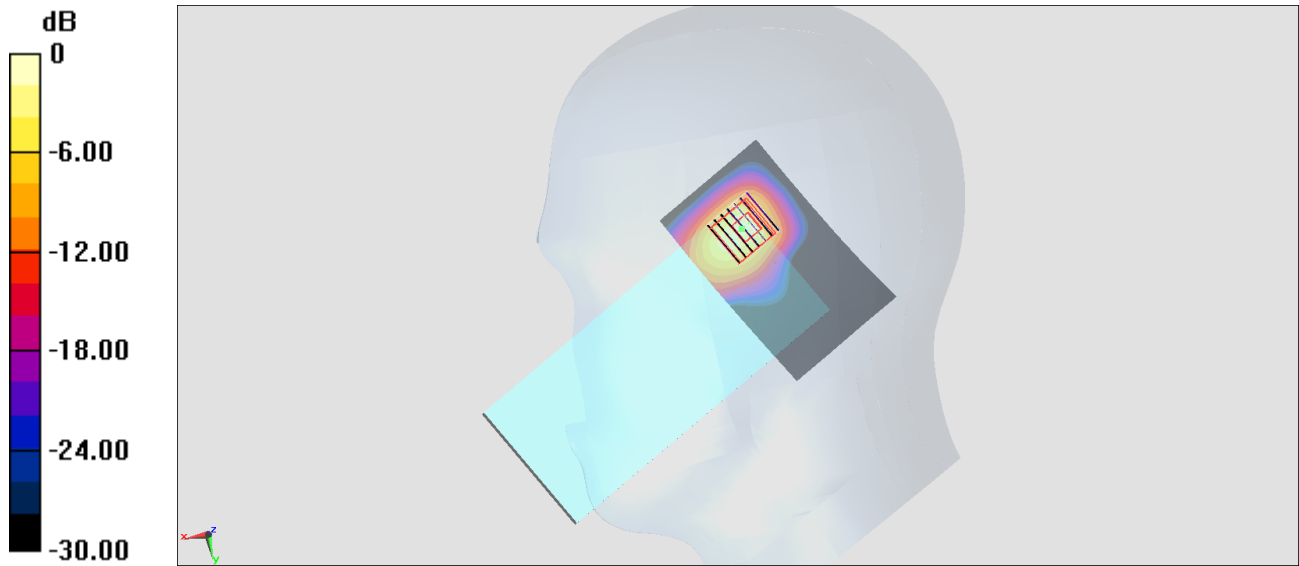
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.891 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.054 W/kg

Maximum value of SAR (measured) = 0.581 W/kg



0 dB = 0.581 W/kg = -2.36 dBW/kg

#17_Bluetooth_1Mbps_Right Cheek_Ch78

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.301

Medium: HSL_2450_190721 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.821$ S/m; $\epsilon_r = 38.789$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.54, 7.54, 7.54) @ 2480 MHz; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (91x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.138 W/kg

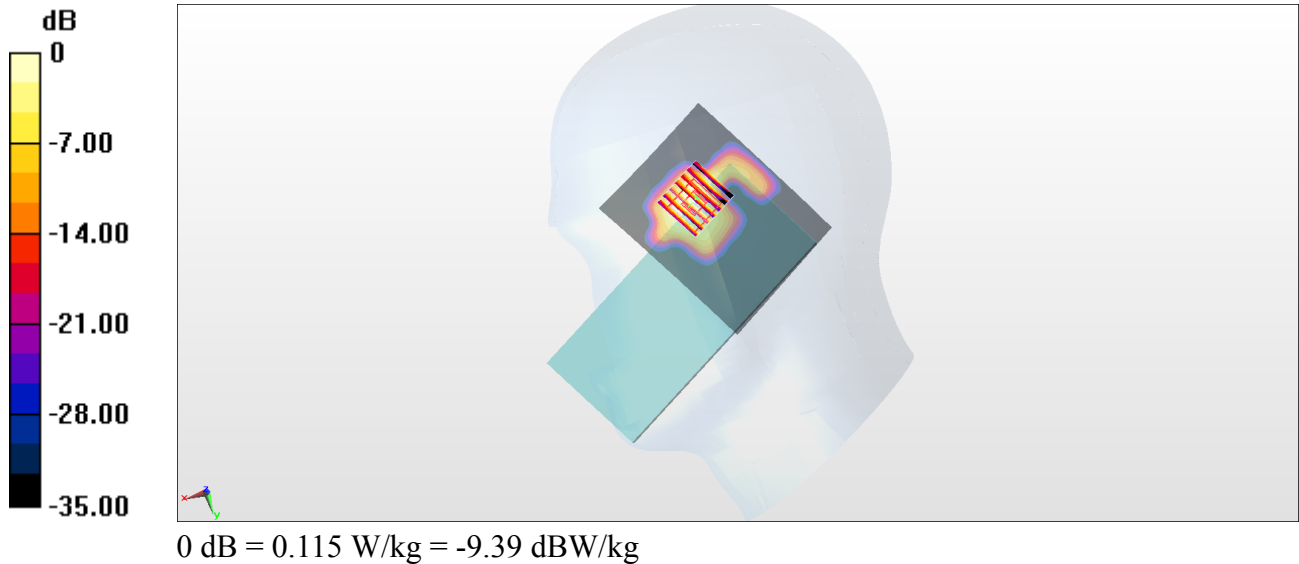
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.941 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.159 W/kg

SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.024 W/kg

Maximum value of SAR (measured) = 0.115 W/kg



#18_GSM850_GPRS (4 Tx slots)_Left Side_10mm_Ch128

Communication System: GSM850 ; Frequency: 824.2 MHz; Duty Cycle: 1:2.08

Medium: HSL_850_190715 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.863$ S/m; $\epsilon_r = 43.311$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3170; ConvF(6.28, 6.28, 6.28) @ 824.2 MHz; Calibrated: 2018/11/2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.421 W/kg

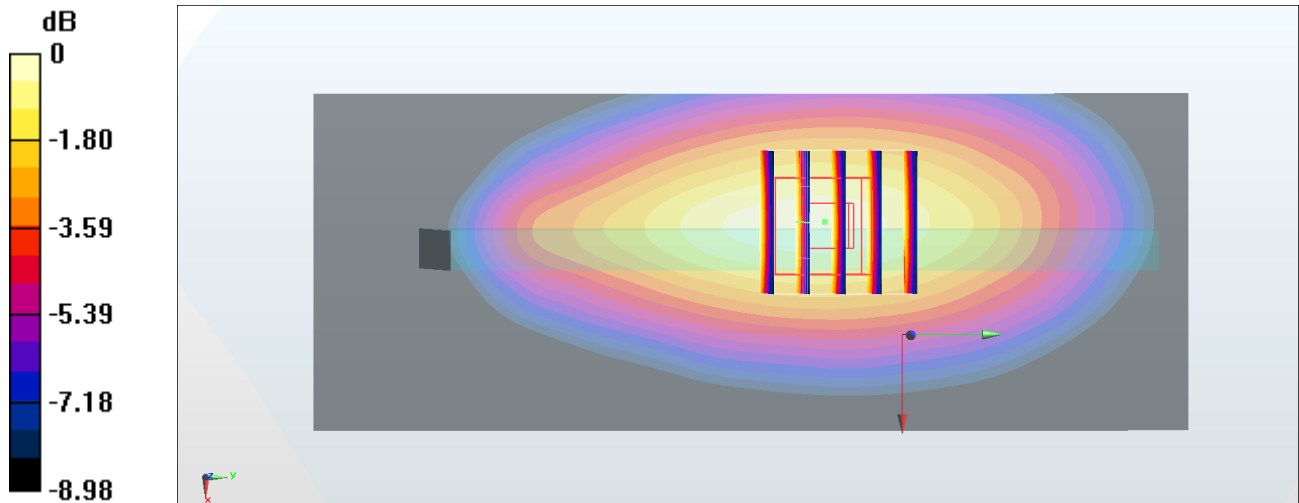
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.18 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.537 W/kg

SAR(1 g) = 0.385 W/kg; SAR(10 g) = 0.267 W/kg

Maximum value of SAR (measured) = 0.439 W/kg



0 dB = 0.439 W/kg = -3.58 dBW/kg

#19_GSM1900_EDGE (4 Tx slots)_Bottom Side_10mm_Ch661

Communication System: PCS ; Frequency: 1880 MHz; Duty Cycle: 1:2.08

Medium: HSL_1900_190719 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ S/m; $\epsilon_r = 40.327$; $\rho = 1000$ kg/m³

B n c j f o u ! U f n q 2 3 . 5 W s f p É M j r v j e ! U f 2 2 3 5 W u v s f p É

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.17, 5.17, 5.17) @ 1880 MHz; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (51x71x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.436 W/kg

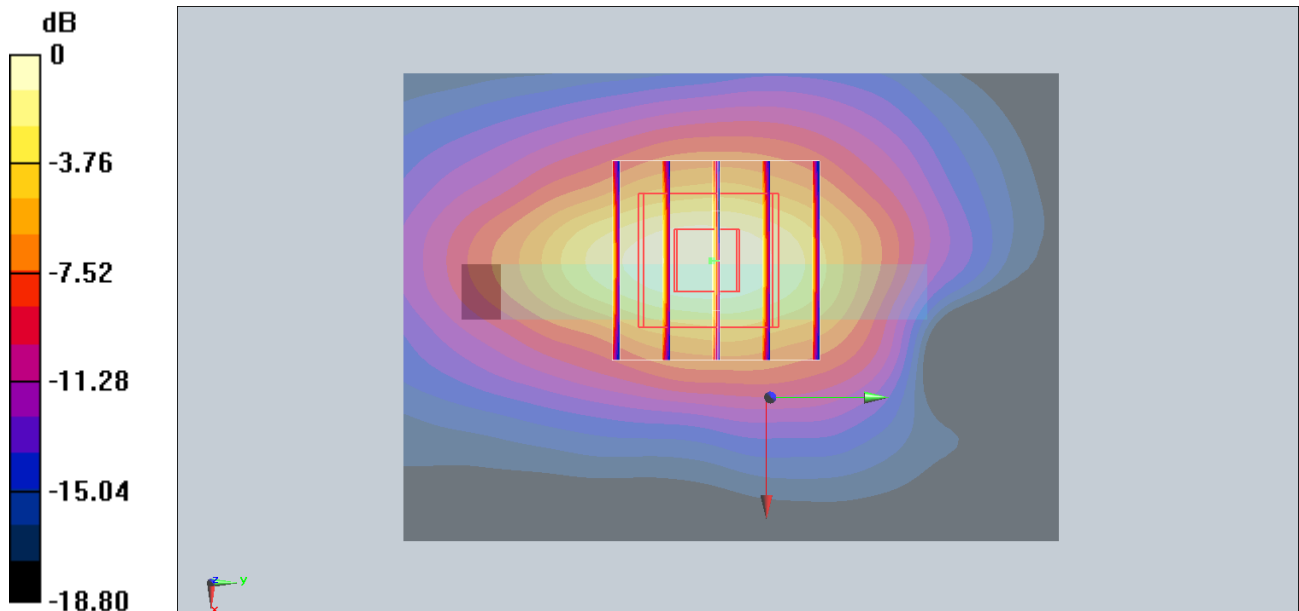
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 16.08 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.566 W/kg

SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.188 W/kg

Maximum value of SAR (measured) = 0.431 W/kg



0 dB = 0.431 W/kg = -3.66 dBW/kg

7HVW /DERUDWRU\ 6SR6\$5RQ\$4QWHDQJJDWLRQDO ,QF

#20_WCDMA II_RMC 12.2Kbps_Bottom Side_10mm_Ch9538

&RPPXQLFDWLRQ 6\ VWHP :&'0\$)UHTXHQF\ 0+] 'XW\ &\P
0HGLXP +6/B B 0HGLXP SDUDPHWHUV6XPHG I ! 0+]

NJ P
Bncjfou!UfnqfsbWw\$fpÉMjrvje!UfnqfWbuv\$fpÉ

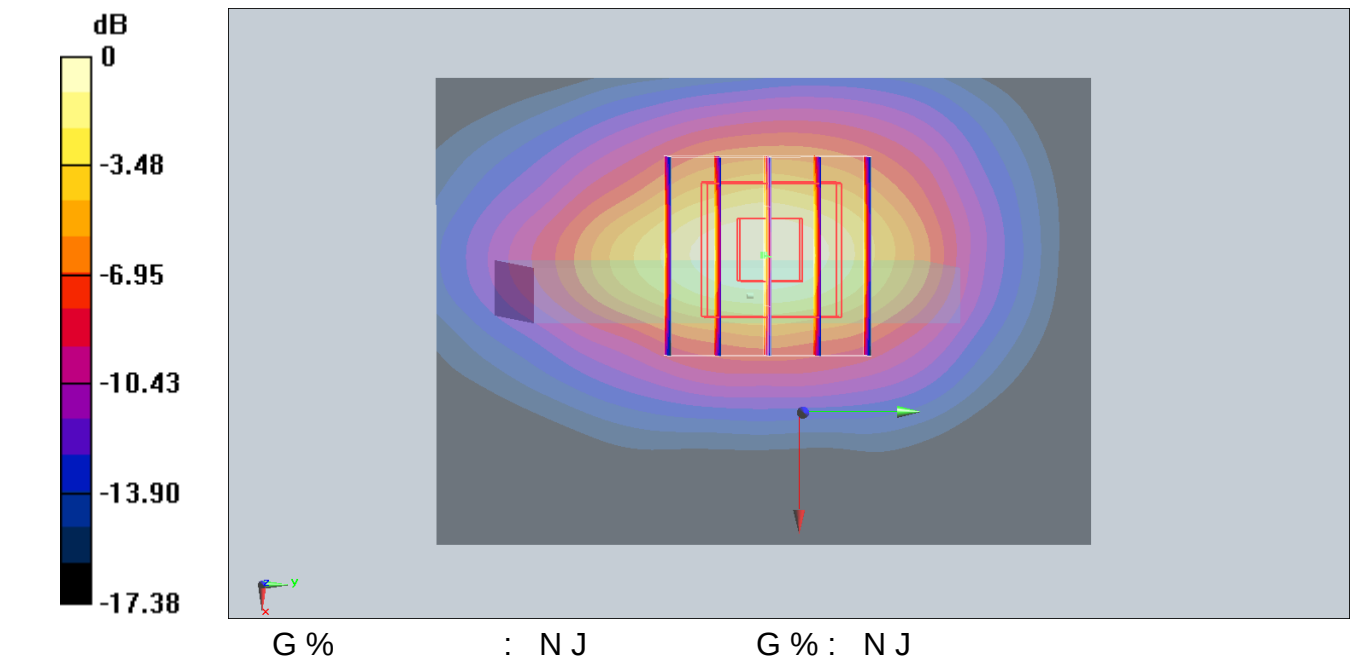
'\$6< &RQILJXUDWLRQ

3UREH (6 '9 61 &RQY) # 0+] &DOLEU
6HQ6XRWIDFH PP 0HFKDQLFDO 6XUIDFH 'HWHFWLRQ
(OHFWURQLFV '\$(6Q &DOLEUDWHG
3KDQWRP 6\$5H/HIW &' 6HULDO 73
0HDVXUHPHQW 6H9VLRQ 6(0&\$' ; 9UVLRQ

Area Scan (51x71x1): ,QWHUSRQDWHG RPLG\ PP
0D[LPXP YDOXH RI 6\$5 LQWHUSRQDWHG

Zoom Scan (5x5x7)/Cube 0: 0HDVXUHPHQW [PP G\ PP G] PP
5HIHUUHQFH9 9 P 3RZHUP%'ULIW
3HDN 6\$5 H[WUDSRQDWHG : NJ

SAR(1 g) = 0.537 W/kg; SAR(10 g) = 0.289 W/kg
0D[LPXP YDOXH RI 6\$5 PHDVXUHG : NJ



#21_WCDMA IV_RMC 12.2Kbps_Bottom Side_10mm_Ch1413

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: HSL_1750_190717 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.349$ S/m; $\epsilon_r = 41.562$; $\rho = 1000$ kg/m³

B n c j f o u ! U f n q 2 3 . 0 W s f p 6 M j r v j e ! U f 2 2 2 5 b u v s f p É

DASY5 Configuration

- Probe: ES3DV3 - SN3170; ConvF(5.32, 5.32, 5.32) @ 1732.6 MHz; Calibrated: 2018/11/2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (51x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.549 W/kg

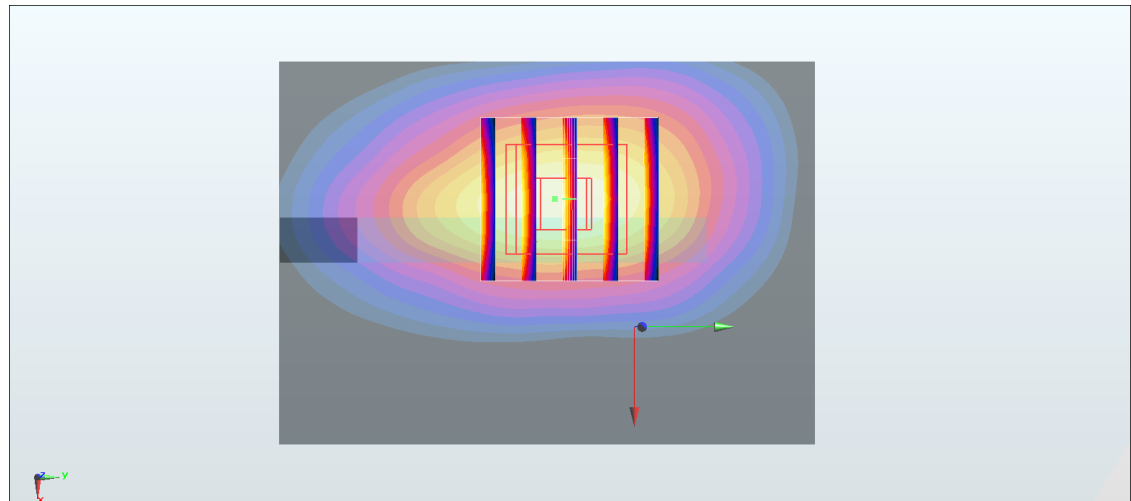
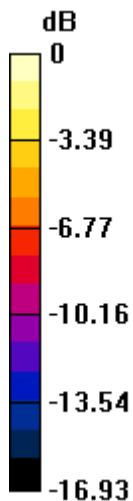
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.84 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.749 W/kg

SAR(1 g) = 0.445 W/kg; SAR(10 g) = 0.238 W/kg

Maximum value of SAR (measured) = 0.549 W/kg



0 dB = 0.549 W/kg = -2.60 dBW/kg

7HVW /DERUDWRU\ 6SR6\$5R-Q\$&QVWHDQJ DQWH, QF

#22_WCDMA V_RMC 12.2Kbps_Back_10mm_Ch4182

&RPPXQLFDWLRQ 6\ VWHP :&'0\$)UHTXHQF\ 0+] 'XW\ &\F
0HGLXP +6/B B 0HGLXP SDUDPHWHUV &VHJ I ! 0+]

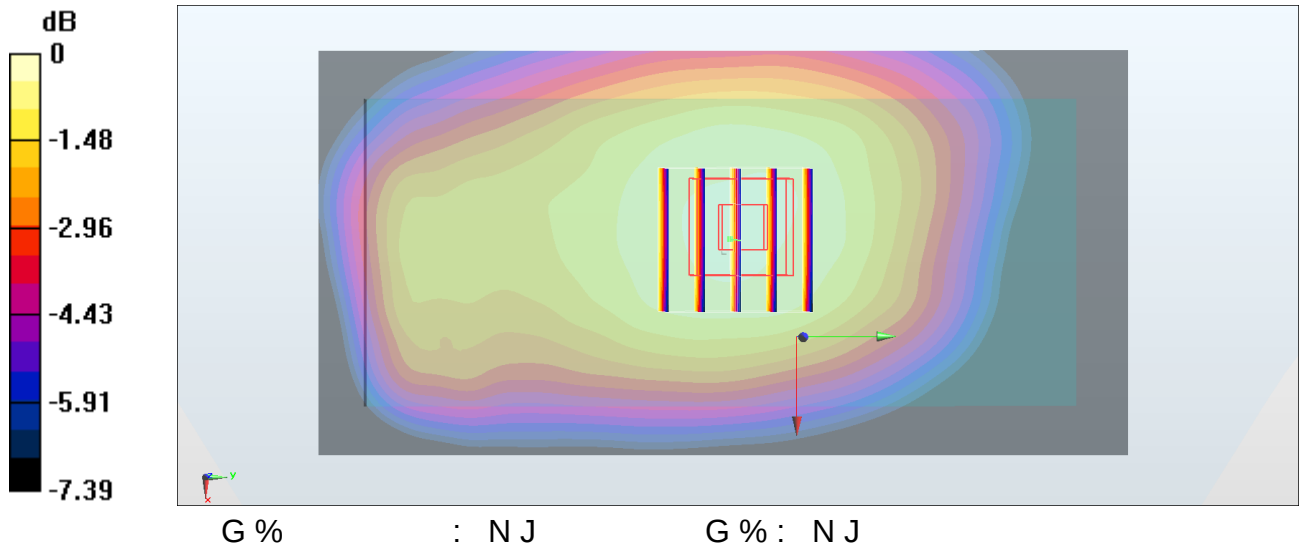
NJ P
Bncjfou!UfnqfsbWw\$fpEjrvje!Ufnqf\$Wbuv\$fpE

'\$6< &RQILJXUDWLRQ
3UREH (6 '9 61 &RQY) 0+] &DOLEUDWHG
6HQVXUIDFH PP 0HFK'DQVHFWLRQV QUIDFH
(OHFWURQLFV '\$(6Q &DOLEUDWHG
3KDQV\$R B/HIV\$H7 4' 3 &' 6HULDO 6 1
0HDVXUHPHQW \$W \$HUVLRQ 6(0&\$'RQ9

Area Scan (61x121x1): ,QWHUSRODWHG JULG G[PP G\ PP
0D[LPXP YDOXH RI 6\$5 LQWHUSRODWHG : NJ

Zoom Scan (5x5x7)/Cube 0: 0HDVXUHPHQW JULG G[PP G\ PP G] PP
5HIHUHQFH 9DOXH 9 P 3RZHU 'ULIW G%
3HDN 6\$5 H[WUDSRODWHG : NJ

SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.259 W/kg
0D[LPXP YDOXH RI 6\$5 PHDVXUHG : NJ



7HVW /DERUDWRU\ 6SR6\$5R-Q\$&QWHDUQJUDWLRQDWH,QF

#23_LTE Band 7_20M_QPSK_50_24_Bottom Side_10mm_Ch20850

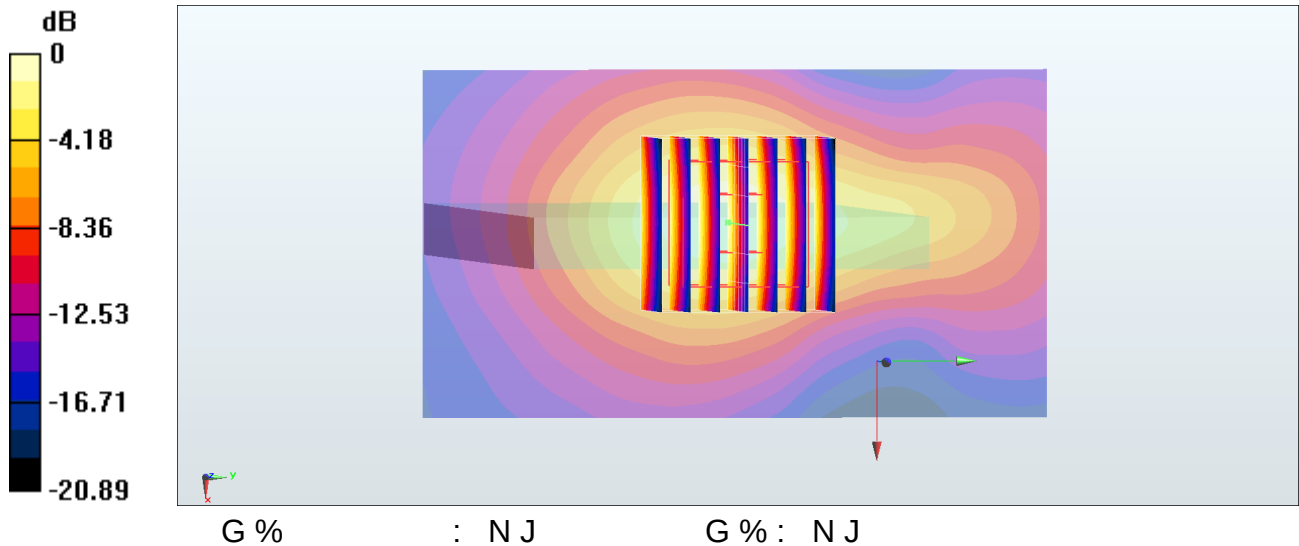
&RPPXQLFDWLRQ 6)UWTHXHQF\ 0+] 'XW\ &\FOH
0HGLXP +6/B B 0HGLXP SDUDPHWHUV6XPVHG I ! 0+]

NJ P
Bncjfou!UfnqfsbWw\$fpMjrvje!UfnqfWbuv\$fpÉ

'\$6< &RQILJXUDWLRQ
3UREH (6 '9 61 &RQY) 0+] &DOL#UDWHG
6HQ6XRUIDFH PP 0HFK'DQVHFDWL R QUIDFH
(OHFWURQLFV '\$(6Q &DOLEUDWHG
3KDQ6\$RB/HIV\$H7 4' 3 &' 6HULDO 6 1
0HDVXUHPHQW\$QW\$HUVLRQ 6(0&\$'RQ9

Area Scan (51x91x1): ,QWHUSRODWHG PPLGG\ PP
0D[LPXP YDOXH RI 6\$5 LQWHUSRODWHG

Zoom Scan (7x7x7)/Cube 0: 0HDVXUHPHQW[PP G\ PP G] PP
5HIHUHQFH 9DOXH 9 PG%RZHU 'ULIW
3HDN 6\$5 H[WUDSRODWHG : NJ
SAR(1 g)=0.589 W/kg; SAR(10 g)=0.285 W/kg
0D[LPXP YDOXH RI 6\$5 PHDVXUHG : NJ



7HVW /DERUDWRU\ 6SR6\$5R-Q\$4QWHDQJ DQWLRQDWH,QF

#24_LTE Band 12_10M_QPSK_1_49_Back_10mm_Ch23095

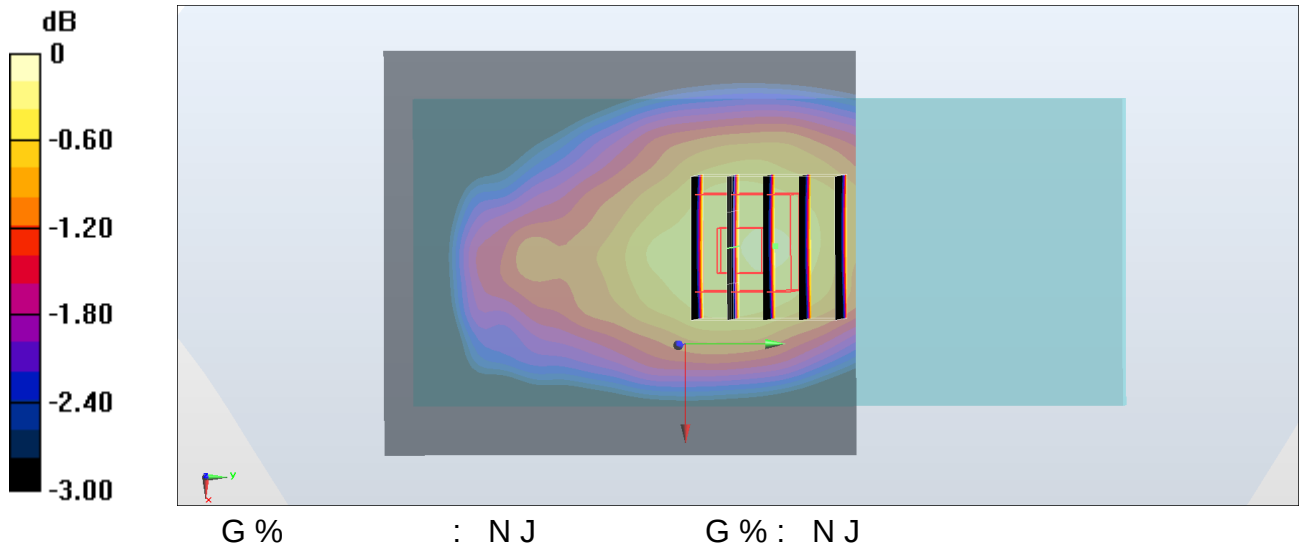
&RPPXQLFDWLRQ 6)UWTHXHQF\ 0+] 'XW\ &\FOH
0HGLXP +6/B B 0HGLXP SDUDPHWHUV6XPHJG I ! 0+]

NJ P
Bncjfou!UfnqfsbWw\$fpÉMjrvje!Ufnqf\$Wuv\$fpÉ

'\$6< &RQILJXUDWLRQ
3UREH (6 '9 61 &RQY) 0+] &DOL#EUDWHG
6HQ6XRUIDFH PP 0HFK'DQWLFHDLRQUIDFH
(OHFWURQLFV '\$(6Q &DOLEUDWHG
3KDQ6\$RB/HIV\$H7 4' 3 &' 6HULDO 6 1
0HDVXUHPHQW\$QW\$HUVLRQ 6(0&\$RQ9

Area Scan (61x71x1): ,QWHUSRQDWHG RPLG\ PP
0D[LPXP YDOXH RI 6\$5 LQWJUSRODWHG

Zoom Scan (5x5x7)/Cube 0: 0HDVXUHPHQW[PP G\ PP G] PP
5HIHUHQFH9 9 P 3RZHUP%'ULIW
3HDN 6\$5 H[WUDSRODWHG : NJ
SAR(1 g)=0.260 W/kg; SAR(10 g)=0.209 W/kg
0D[LPXP YDOXH RI 6\$5 PHDVXUHG : NJ



7HVW /DERUDWRU\ 6SR6\$5R-Q\$&QWWDUQJUDWLRQDWH,QF

#25_LTE Band 13_10M_QPSK_1_25_Back_10mm_Ch23230

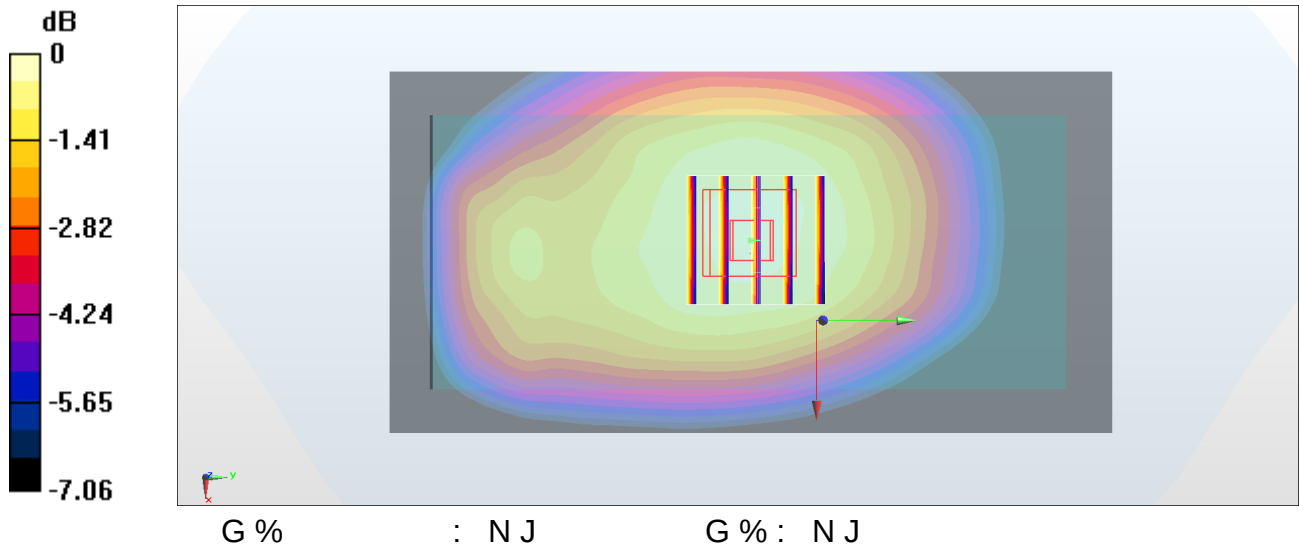
&RPPXQLFDWLRQ 0+]'XW\&\FOH
0HGLXP +6/B B 0HGLXP SDUDPHWHUV XYHG I ! 0+] 1

NJ P
Bncjfou!UfnqfsbWwspÉMjrvje!UfnqfWbuvspÉ

'\$6< &RQILJXUDWLRQ
3UREH (6 '9 61 &RQY) 0+] &DOLEUDWHG
6HQVXUIDFH PP 0HFK'DQWUDWLRQQUIDFH
(OHFWURQLFV '\$(6Q &DOLEUDWHG
3KDQW\$R B/HIVSH7 4' 3 &' 6HULDO 6 1
0HDVXUHPHQW SHUVLRQ 6(0&\$RQ9

Area Scan (61x121x1): ,QWHUSRQDWHG RPLG\ PP
0D[LPXP YDOXH RI 6\$5 LQWHUSRODWHG

Zoom Scan (5x5x7)/Cube 0: 0HDVXUHPHQW [PP G\ PP G] PP
5HIHUUHQFH 9 P 3RZHUP%ULIW
3HDN 6\$5 H[WUDSRODWHG : NJ
SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.312 W/kg
0D[LPXP YDOXH RI 6\$5 PHDVXUHG : NJ



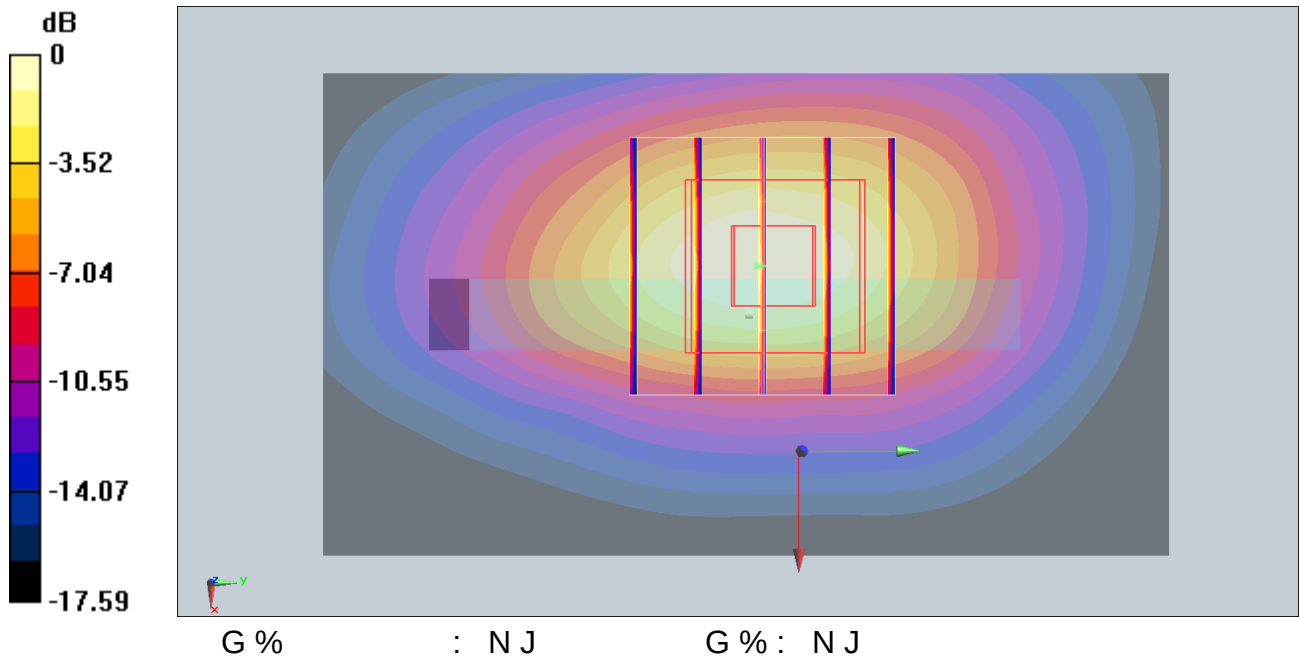
7HVW /DERUDWRU\ 6SR6\$5RQ\$&QVWHDQJ

#26_LTE Band 25_20M_QPSK_50_24_Bottom Side_10mm_Ch26590

&RPPXQLFDWLRQ 6)\VMTXHQF\ 0+] 'XW\ &\FOH
0HGLX0/B B 0HGLXP SDUDPHWHUV XVHG QJ 0+] 1
NJ P
Bncjfou!UfnqfsbWw\$fpÉjrvje!Ufnqf\$Wbuv\$fpÉ
'\$6< &RQILJXUDWLRQ
3UREH (6 '9 61 &RQY) # 0+] &DOLEUD
6HQ6XRWIDFH PP 0HFKDQLFDO 6XUIDFH 'HWHFWLRQ
(OHFWURQLFV '\$(6Q &DOLEUDWHG
3KDQWRP 6\$5B/HIW' &' 6HULDO 73
0HDVXUHPHQW 6H9VLRQ 6(0&\$' ; 9UVLRQ

Area Scan (41x71x1): ,QWHUSRQDWHG RPLG\ PP
0D[LPXP YDOXH RI 6\$5 LQWHUSRQDWHG

Zoom Scan (5x5x7)/Cube 0: 0HDVXUHPHQW [PP G\ PP G] PP
5HIHUUHQFH9 9 P 3RZK9%'ULIW
3HDN 6\$5 H[WUDSRODWHG : NJ
SAR(1 g) = 0.516 W/kg; SAR(10 g) = 0.276 W/kg
0D[LPXP YDOXH RI 6\$5 PHDVXUHG : NJ



7HVW /DERUDWRU\ 6SR6\$5R-Q\$&QWWDUQJUDWLRQDWH,QF

#27_LTE Band 26_15M_QPSK_1_0_Left Side_10mm_Ch26865

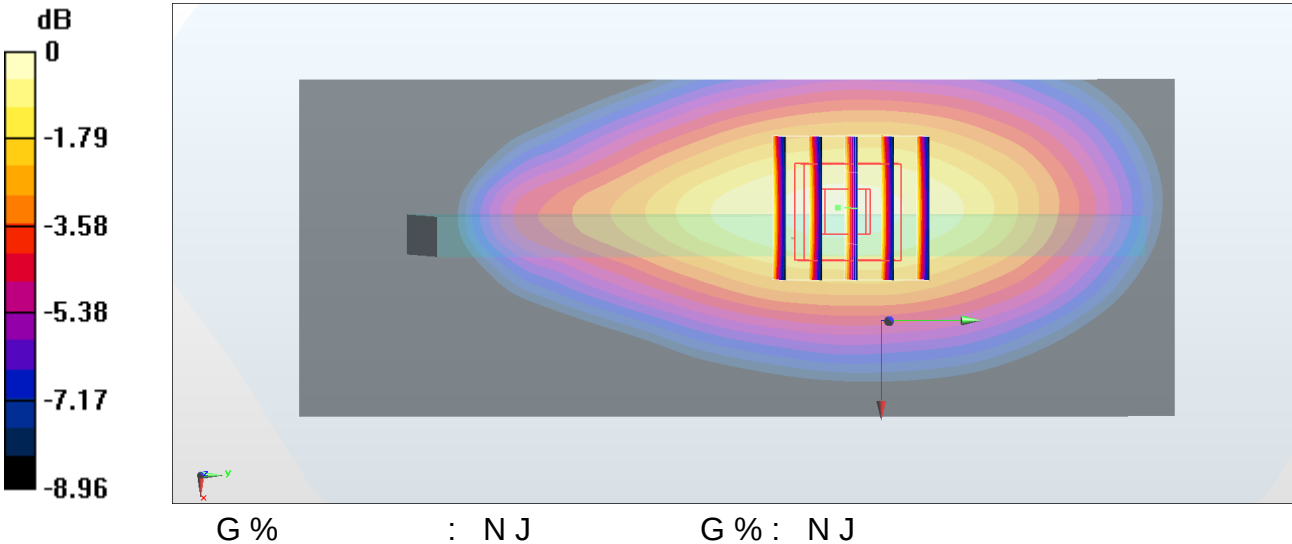
&RPPXQLFDWLRQ 6)UWTHXHQF\ 0+] 'XW\ &\FOH
0HGLXP +6/B B 0HGLXP SDUDPHWHUV6XPHG I ! 0+]

NJ P
Bncjfou!UfnqfsbWw\$fpÉMjrvje!Ufnqf\$Wuv\$fpÉ

'\$6< &RQILJXUDWLRQ
3UREH (6 '9 61 &RQY) 0+] &DOLEUDWHG
6HQVXWIDFH PP 0HFK'DQWIDFH
(OHFWURQLFV '\$(6Q &DOLEUDWHG
3KDQV\$R B/HIV\$H7 4' 3 &' 6HULDO 6 1
0HDVXUHPHQW \$HUVLRQ 6(0&\$'RQ9

Area Scan (51x131x1): ,QWHUSRQDWHG RPLG\ PP
0D[LPXP YDOXH RI 6\$5 LQWHUSRODWHG

Zoom Scan (5x5x7)/Cube 0: 0HDVXUHPHQW [PP G\ PP G] PP
5HIHUUHQFH9 9 P 3RZHUP'ULIW
3HDN 6\$5 H[WUDSRODWHG : NJ
SAR(1 g)=0.300 W/kg; SAR(10 g)=0.210 W/kg
0D[LPXP YDOXH RI 6\$5 PHDVXUHG : NJ



7HVW /DERUDWRU\ 6SR6\$5R-Q\$&QWHDUQJUDWLRQDWH,QF

#28_LTE Band 66_20M_QPSK_1_0_Bottom Side_10mm_Ch132572

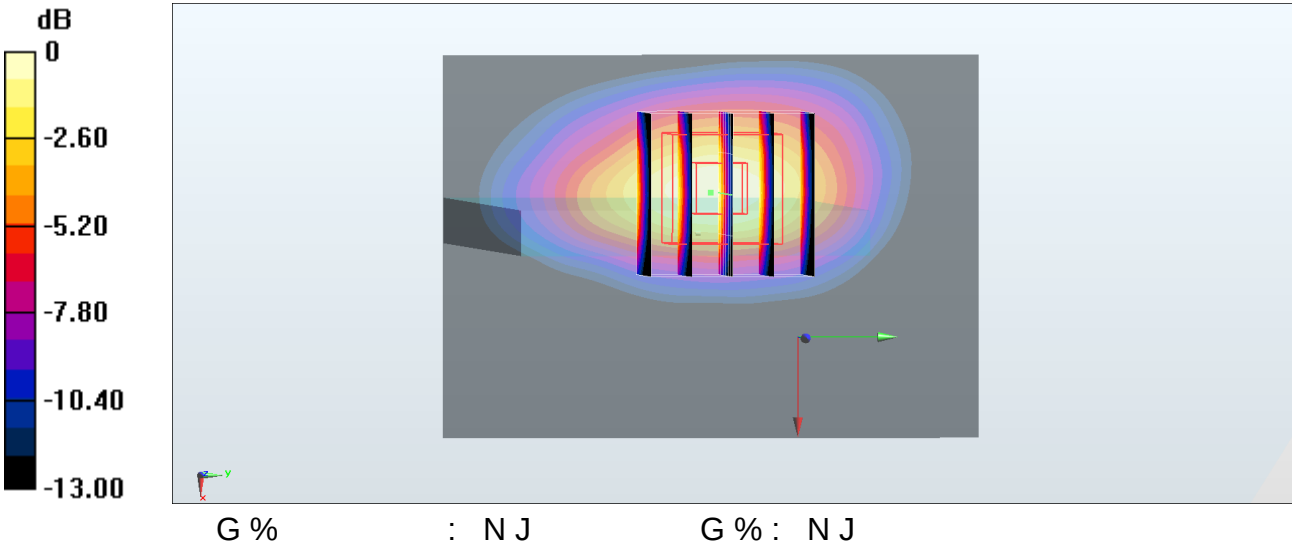
&RPPXQLFDWLRQ 6)UWTHXHQF\ 0+] 'XW\ &\FOH
0HGLXP +6/B B 0HGLXP SDUDPHWHUV6XPHG I ! 0+]

NJ P
Bncjfou!UfnqfsbWw\$fpMjrvje!Ufnqf\$Wuv\$fpÉ

'\$6< &RQILJXUDWLRQ
3UREH (6 '9 61 &RQY) 0+] &DOL#UDWHG
6HQ6XWIDFH PP 0HFK'DQWHDUQJUDWLRQDWH,QF
(OHFWURQLFV '\$(6Q &DOLEUDWHG
3KDQ6\$R B/HIV\$H7 4' 3 &' 6HULDO 6 1
0HDVXUHPHQW\$QW \$HUVLRQ 6(0&\$'RQ9

Area Scan (51x71x1): ,QWHUSRQDWHG RPLG\ PP
0D[LPXP YDOXH RI 6\$5 LQWJUSRODWHG

Zoom Scan (5x5x7)/Cube 0: 0HDVXUHPHQW\$QW [PP G\ PP G] PP
5HIHUUHQFH9 9 P 3RZHUP%'ULIW
3HDN 6\$5 H[WUDSRODWHG : NJ
SAR(1 g)=0.519 W/kg; SAR(10 g)=0.277 W/kg
0D[LPXP YDOXH RI 6\$5 PHDVXUHG : NJ



7HVW /DERUDWRU\ 6SR6\$5R-Q\$&QWVHJQJUDWLRQDWH,QF

#29_LTE Band 41_20M_QPSK_50_50_Bottom Side_10mm_Ch41490

&RPPXQLFDWLRQ 0+]'XW\&\FOH
0HGLXP +6/B B 0HGLXP SDUDPHWHUV XVG I ! 0+]

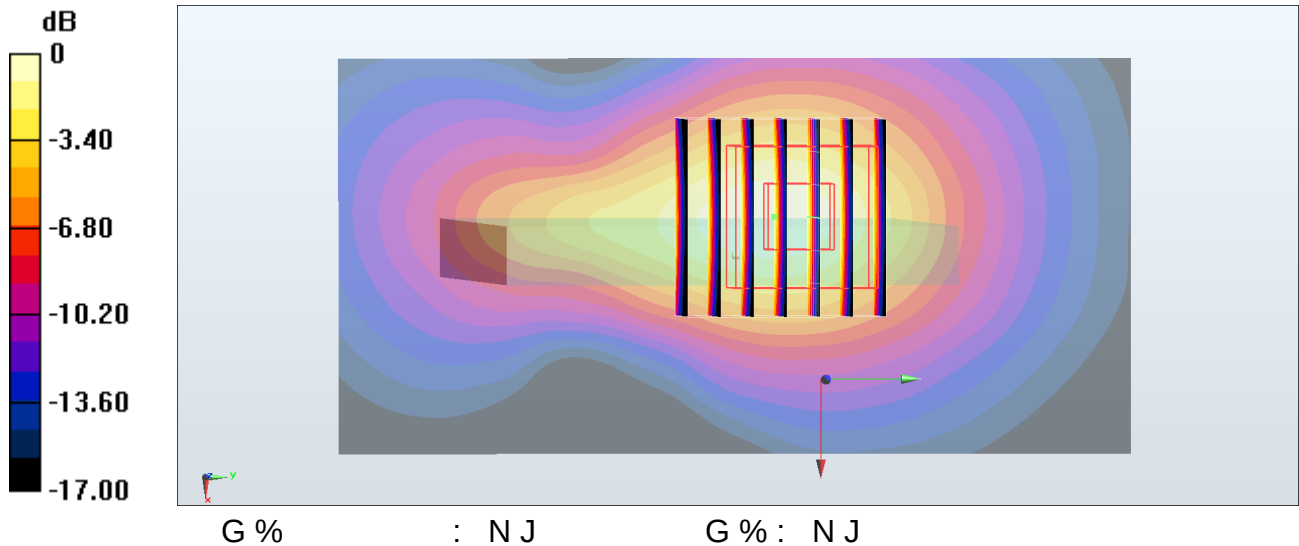
NJ P
Bncjfou!UfnqfsbWsfpmjrvje!UfnqfWbuvspÉ

'\$6< &RQILJXUDWLRQ
3UREH (6 '9 61 &RQY) 0+] &DOLUDWHG
6HQVWIDFH PP 0HFK'DQVHFWLRQIDFH
(OHFWURQLFV '\$(6Q &DOLEUDWHG
3KDQV\$B/HIVSH74' 3 &' 6HULDO 6 1
0HDVXUHPHQW SHUVLRQ 6(0&\$RQ9

Area Scan (51x101x1): ,QWHUSRODWHG JULG G[PP G\ PP
0D[LPXP YDOXH RI 6\$5 LQWHUSRODWHG : NJ

Zoom Scan (7x7x7)/Cube 0: 0HDVXUHPHQW JULG G[PP G\ PP G] PP
5HIHUHQFH 9DOXH 9 P 3RZHU 'ULIW G%
3HDN 6\$5 H[WUDSRODWHG : NJ

SAR(1 g)=0.619 W/kg; SAR(10 g)=0.281 W/kg
0D[LPXP YDOXH RI 6\$5 PHDVXUHG : NJ



7HVW /DERUDWRU\ 6SR6\$5RQ\$&QWHDUQDQWLRQDWH,QF

#30_WLAN2.4GHz_802.11b 1Mbps_Back_10mm_Ch1

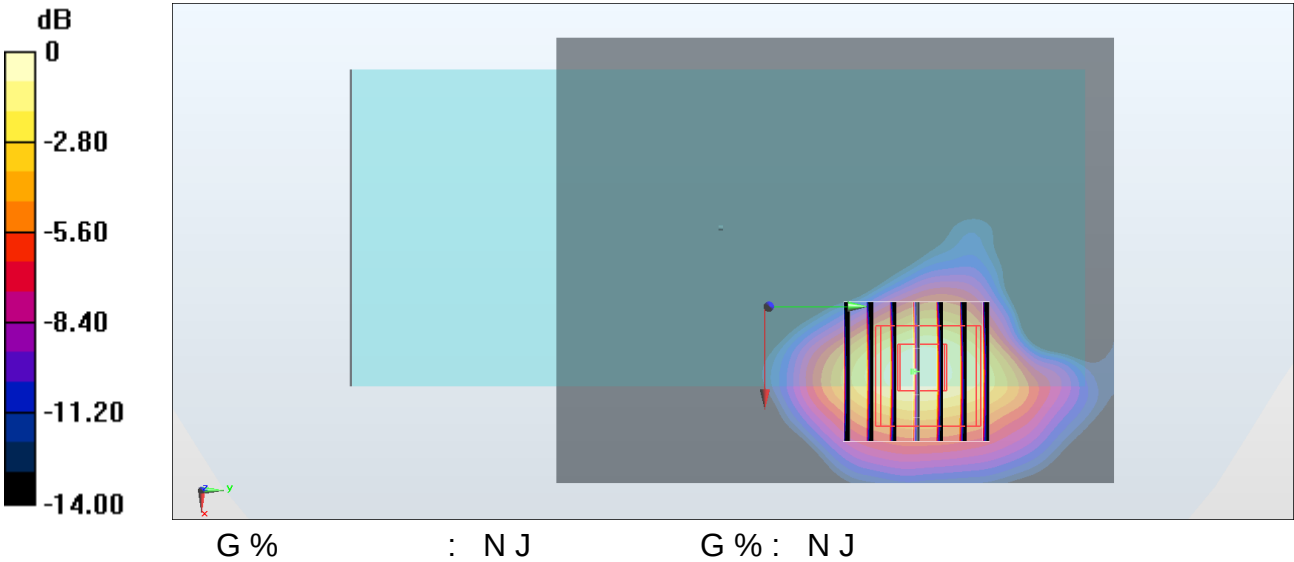
&RPPXQLFDWLRQ 6\V)WHF\XHQF\ 0+] 'XW\ &\FOH
0HGLXP +6/B B 0HGLXP SDUDPHWHUV X\VG I ! 0+]

NJ P
Bncjfou!UfnqfsbWwspÉMjrvje!UfnqfWbuvspÉ

'\$6< &RQILJXUDWLRQ
3UREH (; '9 61 &RQY) 0+] &DOL#EUDWHG
6HQ6XRUIDFH PP 0HFKH\WQHFWQFQXUIDFH
(OHFWURQLFV '\$(6Q &DOLEUDWHG
3KDQ6\$R6/HIVSH74' 3 &' 6HULDO 61
0HDVXUHPHQW SHUVLRQ 6(0&\$RQ9

Area Scan (81x101x1): ,QWHUSRQDWHG RPLG\ PP
0D[LPXP YDOXH RI 6\$5 LQWHUSRODWHG

Zoom Scan (7x7x7)/Cube 0: 0HDVXUHPHQW [PP G\ PP G] PP
5HIHUUHQFH9 9 P 3RZK% 'ULIW
3HDN 6\$5 H[WUDSRODWHG : NJ
SAR(1 g)=0.102 W/kg; SAR(10 g)=0.048 W/kg
0D[LPXP YDOXH RI 6\$5 PHDVXUHG : NJ



7HVW /DERUDWRU\ 6SR6\$5R-Q\$4QVWHDUQDQWH,QF

#31_Bluetooth_1Mbps_Left Side_10mm_Ch78

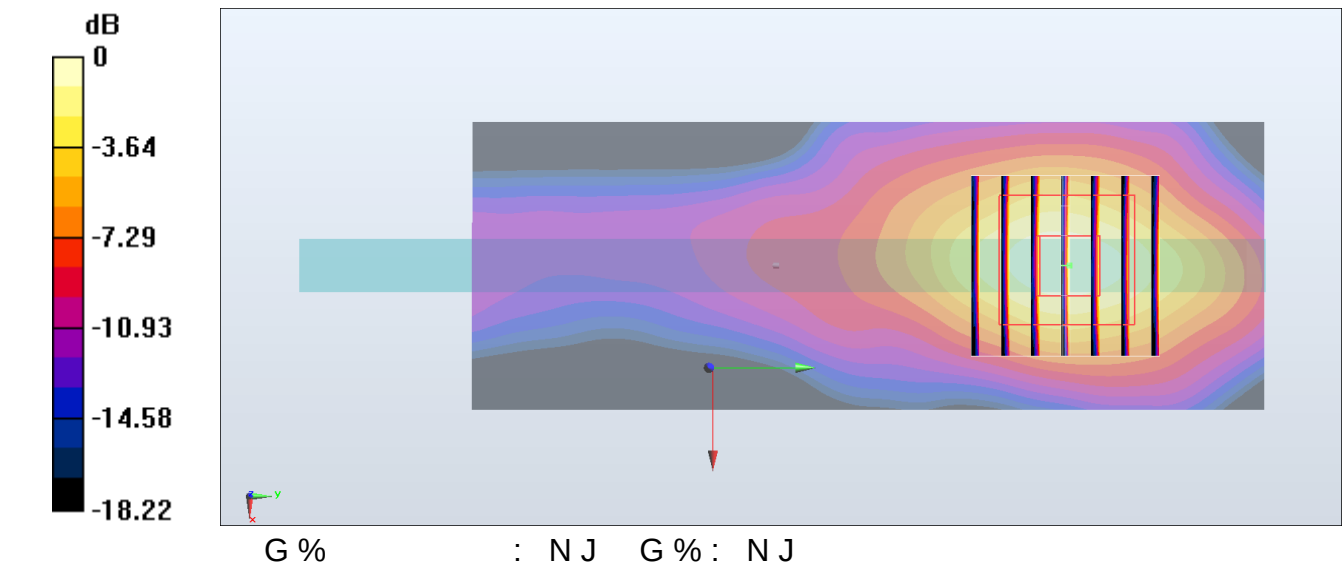
&RPPXQLFDWLRQ 6\ VWHP %OXHWRRWK)UHTXHQF\ 0+] 'X
0HGLXP +6/B B 0HGLXP SDUDPHWHUV XVHG I ! 0+]

NJ P
Bncjfou!UfnqfsbWw\$fpÉMjrvje!Ufnqf\$Wbuv\$fpÉ

'\$6< &RQILJXUDWLRQ
3UREH (; '9 61 &RQY) # 0+] &DOLEUDW
6HQVRU 6XUIDFH PP 0HFKDQLFDO 6XUIDFH 'HWHFWLRQ
(OHFWURQLFV '\$(6Q &DOLEUDWHG
3KDQWRP 6\$0B/HIW 7\SH 4' 3 &' 6HULDO 6 1
0HDVXUHPHQW 6: '\$6< 9HUVLRQ 6(0&\$' ; 9HUVLRQ

Area Scan (41x111x1): ,QWHUSRODWHG JULG G[PP G\ PP
0D[LPXP YDOXH RI 6\$5 LQWHUSRODWHG : NJ

Zoom Scan (7x7x7)/Cube 0: 0HDVXUHPHQW JULG G[PP G\ PP G] PP
5HIHUHQFH 9DOXH 9 P 3RZHU 'ULIW G%
3HDN 6\$5 H[WUDSRODWHG : NJ
SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.017 W/kg
0D[LPXP YDOXH RI 6\$5 PHDVXUHG : NJ



#32_GSM850_GPRS (4 Tx slots)_Back_15mm_Ch128

Communication System: GSM850 ; Frequency: 824.2 MHz; Duty Cycle: 1:2.08

Medium: HSL_850_190715 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.863$ S/m; $\epsilon_r = 43.311$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3170; ConvF(6.28, 6.28, 6.28) @ 824.2 MHz; Calibrated: 2018/11/2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.340 W/kg

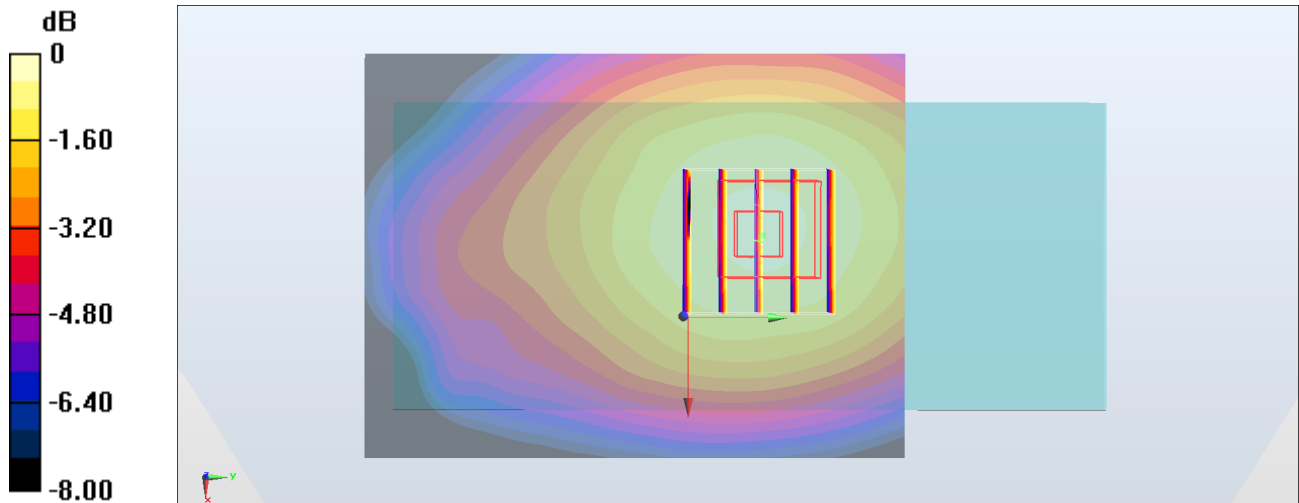
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.99 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.635 W/kg

SAR(1 g) = 0.339 W/kg; SAR(10 g) = 0.261 W/kg

Maximum value of SAR (measured) = 0.369 W/kg



0 dB = 0.369 W/kg = -4.33 dBW/kg

#33_GSM1900_EDGE (4 Tx slots)_Front_15mm_Ch661

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2.08

Medium: HSL_1900_190719 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.404$ S/m; $\epsilon_r = 40.327$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.17, 5.17, 5.17) @ 1880 MHz; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.117 W/kg

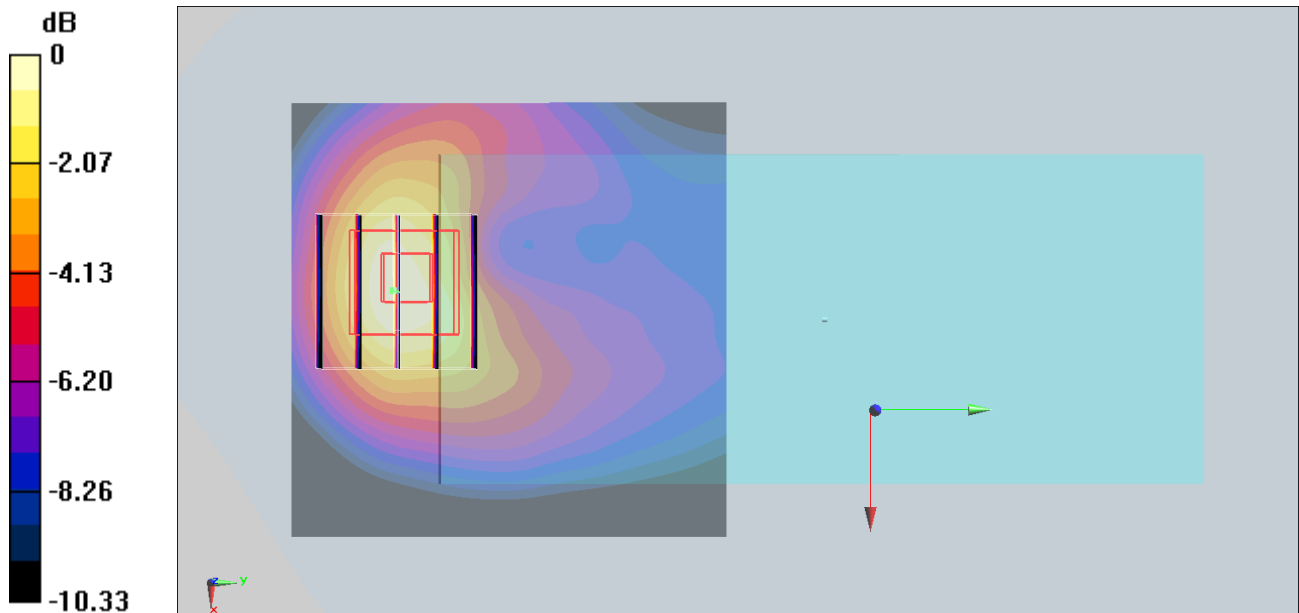
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.440 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.161 W/kg

SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.061 W/kg

Maximum value of SAR (measured) = 0.119 W/kg



0 dB = 0.119 W/kg = -9.24 dBW/kg

#34_WCDMA II_RMC 12.2Kbps_Back_15mm_Ch9538

Communication System: WCDMA ; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL_1900_190719 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.405$ S/m; $\epsilon_r = 40.324$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.17, 5.17, 5.17) @ 1907.6 MHz; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

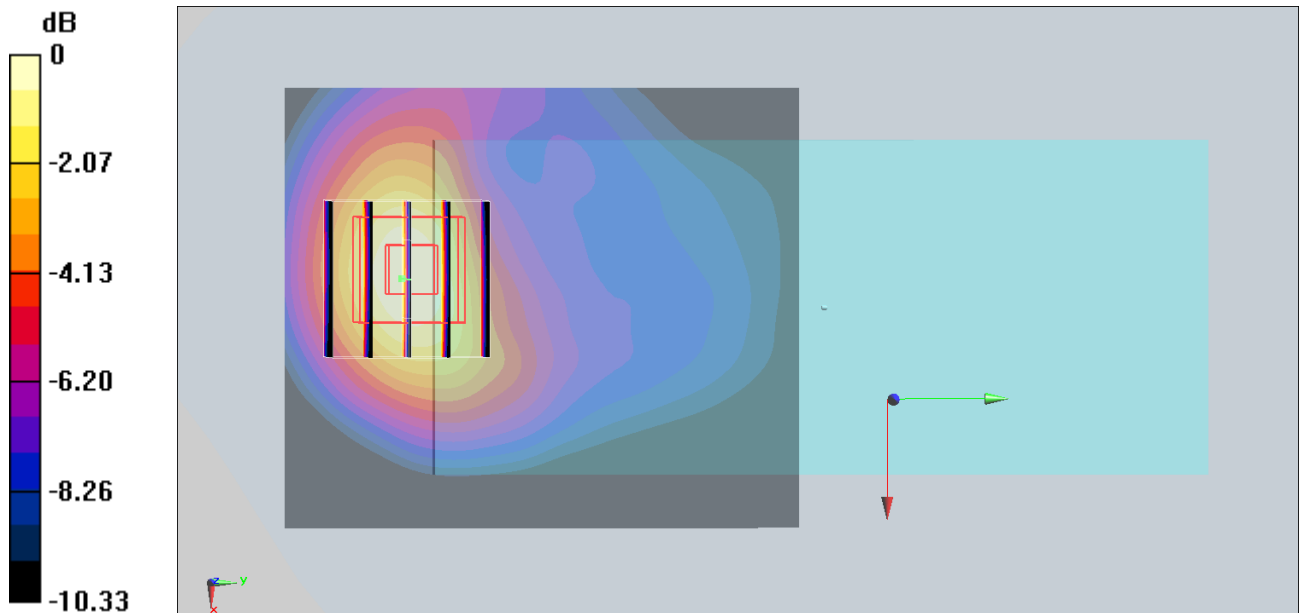
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.64 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.267 W/kg

SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.102 W/kg

Maximum value of SAR (measured) = 0.205 W/kg



0 dB = 0.205 W/kg = -6.88 dBW/kg

#35_WCDMA IV_RMC 12.2Kbps_Back_15mm_Ch1413

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: HSL_1750_190717 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.349$ S/m; $\epsilon_r = 41.562$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3170; ConvF(5.32, 5.32, 5.32) @ 1732.6 MHz; Calibrated: 2018/11/2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.239 W/kg

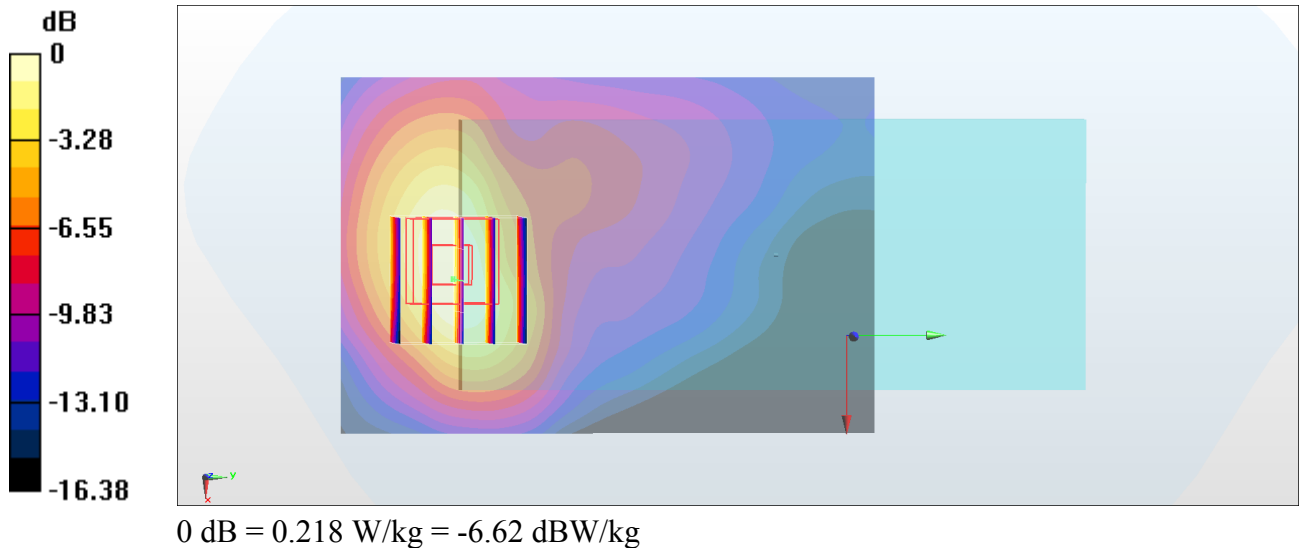
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.59 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.286 W/kg

SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.106 W/kg

Maximum value of SAR (measured) = 0.218 W/kg



#36_WCDMA V_RMC 12.2Kbps_Back_15mm_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL_850_190715 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.875$ S/m; $\epsilon_r = 43.173$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3170; ConvF(6.28, 6.28, 6.28) @ 836.4 MHz; Calibrated: 2018/11/2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.285 W/kg

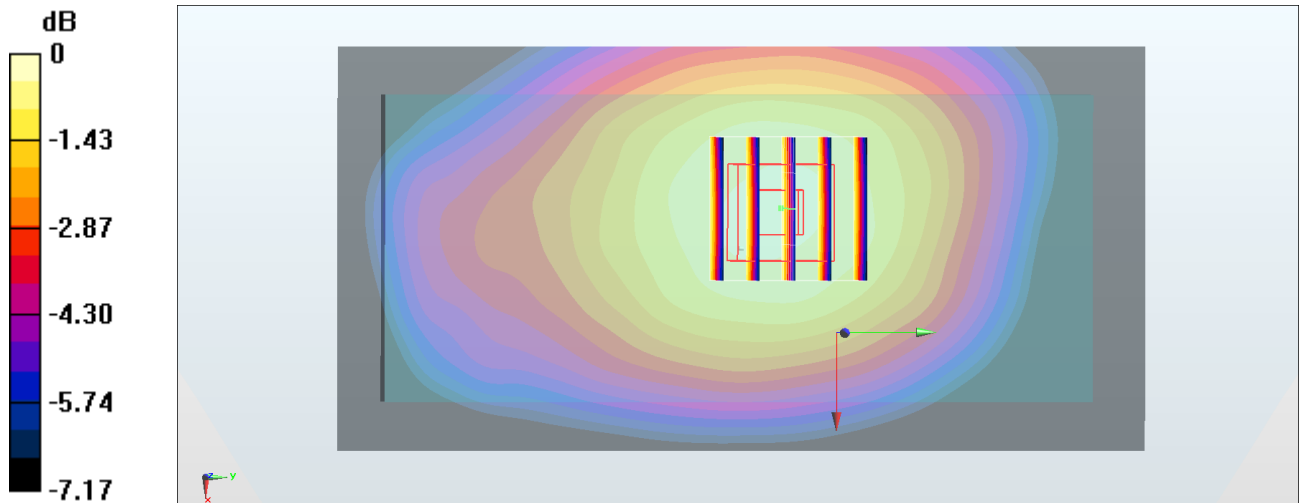
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.01 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.344 W/kg

SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.218 W/kg

Maximum value of SAR (measured) = 0.306 W/kg



0 dB = 0.306 W/kg = -5.14 dBW/kg

#37_LTE Band 7_20M_QPSK_50_24_Back_15mm_Ch20850

Communication System: LTE ; Frequency: 2510 MHz;Duty Cycle: 1:1

Medium: HSL_2600_190718 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.877$ S/m; $\epsilon_r = 38.613$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3170;ConvF(4.63, 4.63, 4.63) @ 2510 MHz;Calibrated: 2018/11/2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (71x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.188 W/kg

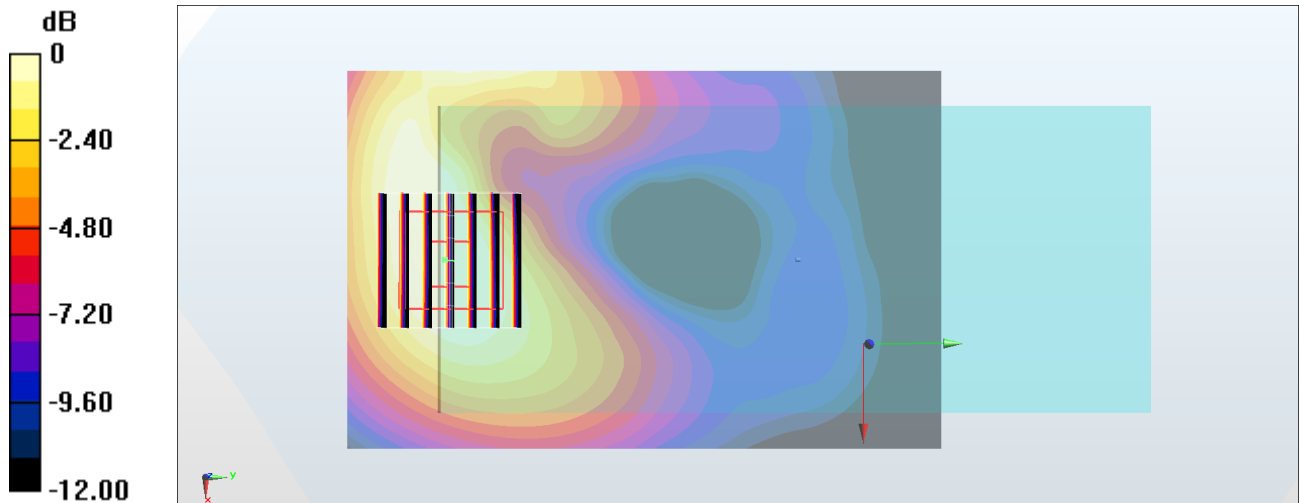
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.011 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.239 W/kg

SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.073 W/kg

Maximum value of SAR (measured) = 0.163 W/kg



0 dB = 0.163 W/kg = -7.88 dBW/kg

#38_LTE Band 12_10M_QPSK_1_49_Back_15mm_Ch23095

Communication System: LTE ; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL_750_190716 Medium parameters used : $f = 707.5$ MHz; $\sigma = 0.86$ S/m; $\epsilon_r = 41.082$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.1 °C

DASY5 Configuration

- Probe: ES3DV3 - SN3170; ConvF(6.41, 6.41, 6.41) @ 707.5 MHz; Calibrated: 2018/11/2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.229 W/kg

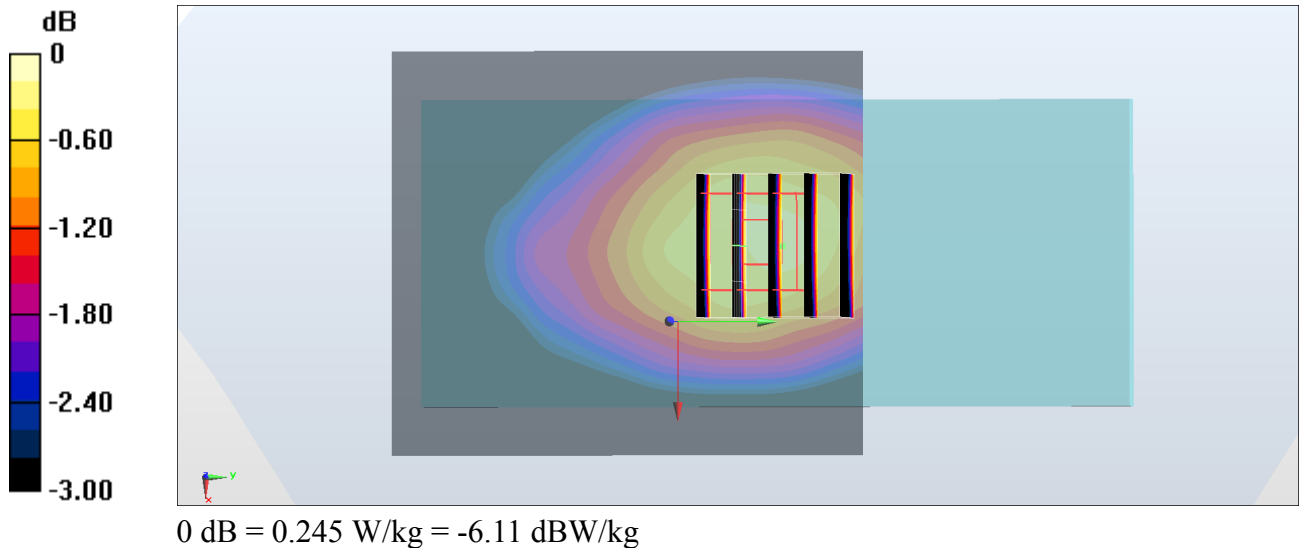
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.26 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.274 W/kg

SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.182 W/kg

Maximum value of SAR (measured) = 0.245 W/kg



#39_LTE Band 13_10M_QPSK_1_25_Back_15mm_Ch23230

Communication System: LTE ; Frequency: 782 MHz;Duty Cycle: 1:1

Medium: HSL_750_190716 Medium parameters used: $f = 782$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 40.125$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.1 °C

DASY5 Configuration

- Probe: ES3DV3 - SN3170;ConvF(6.41, 6.41, 6.41) @ 782 MHz;Calibrated: 2018/11/2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.372 W/kg

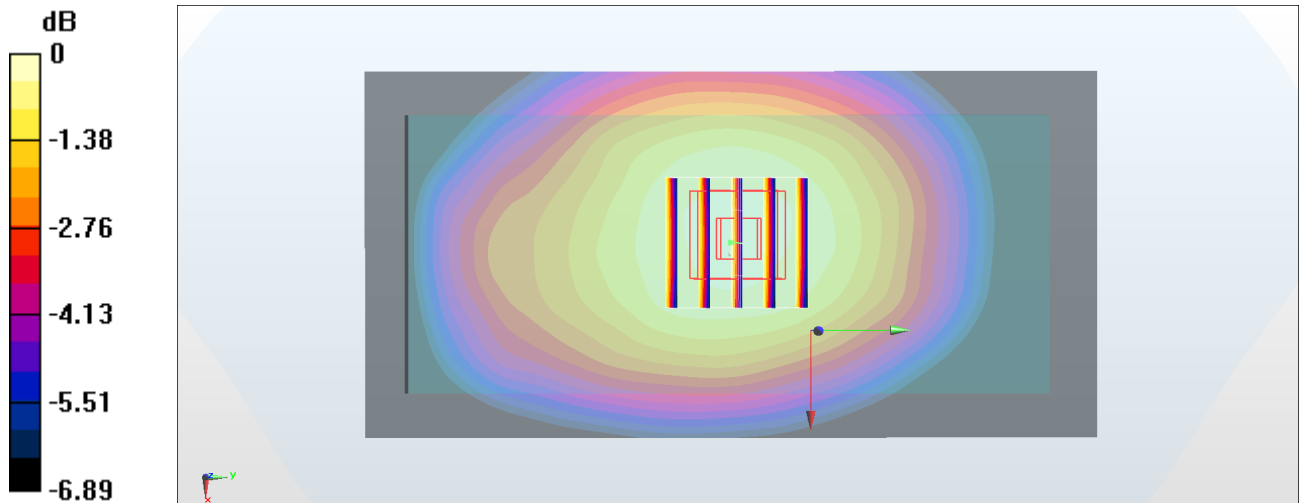
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.10 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.439 W/kg

SAR(1 g) = 0.325 W/kg; SAR(10 g) = 0.265 W/kg

Maximum value of SAR (measured) = 0.392 W/kg



0 dB = 0.392 W/kg = -4.07 dBW/kg

#40_LTE Band 25_20M_QPSK_50_24_Back_15mm_Ch26590

Communication System: LTE ; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: HSL_1900_190719 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.405$ S/m; $\epsilon_r = 40.325$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.17, 5.17, 5.17) @ 1905 MHz; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.164 W/kg

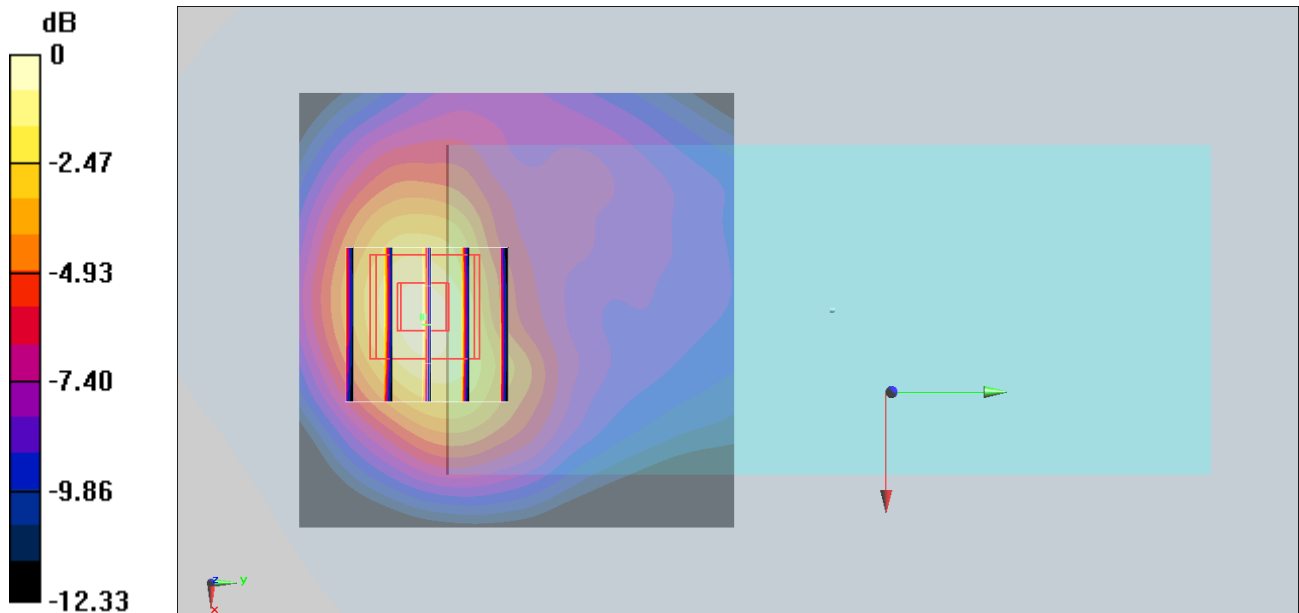
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.602 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.154 W/kg; SAR(10 g) = 0.091 W/kg

Maximum value of SAR (measured) = 0.182 W/kg



0 dB = 0.182 W/kg = -7.40 dBW/kg

#41_LTE Band 26_15M_QPSK_1_0_Back_15mm_Ch26865

Communication System: LTE ; Frequency: 831.5 MHz;Duty Cycle: 1:1

Medium: HSL_850_190715 Medium parameters used : $f = 831.5$ MHz; $\sigma = 0.87$ S/m; $\epsilon_r = 43.232$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3170;ConvF(6.28, 6.28, 6.28) @ 831.5 MHz;Calibrated: 2018/11/2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.258 W/kg

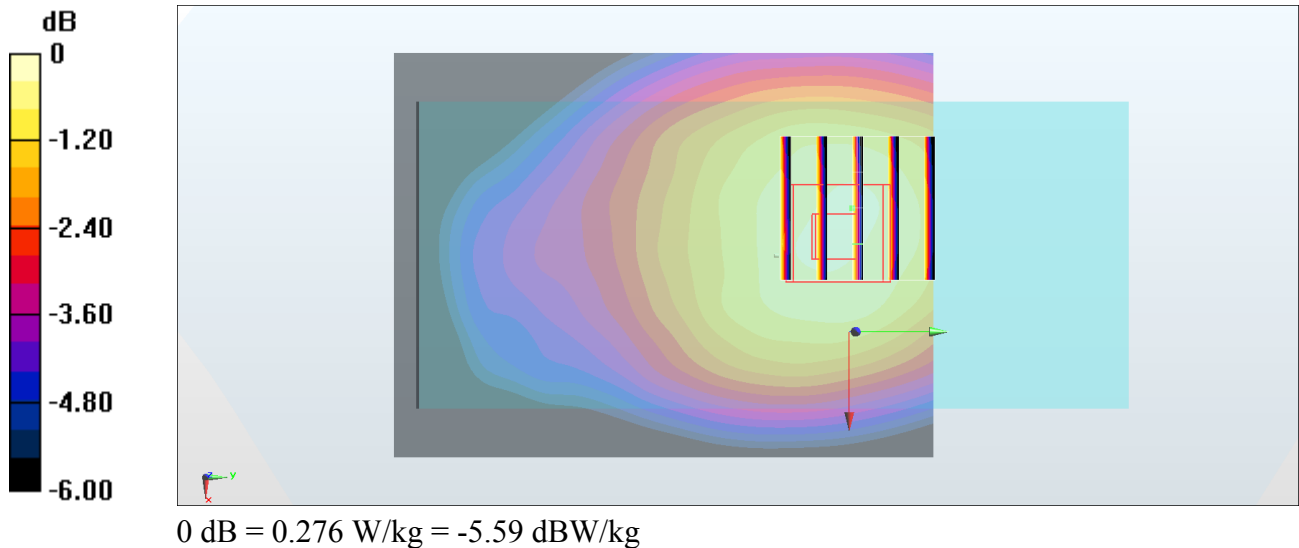
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.39 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.312 W/kg

SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.199 W/kg

Maximum value of SAR (measured) = 0.276 W/kg



#42_LTE Band 66_20M_QPSK_50_0_Back_15mm_Ch132572

Communication System: LTE; Frequency: 1770 MHz; Duty Cycle: 1:1

Medium: HSL_1750_190717 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.375$ S/m; $\epsilon_r = 41.674$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3170; ConvF(5.32, 5.32, 5.32) @ 1770 MHz; Calibrated: 2018/11/2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.246 W/kg

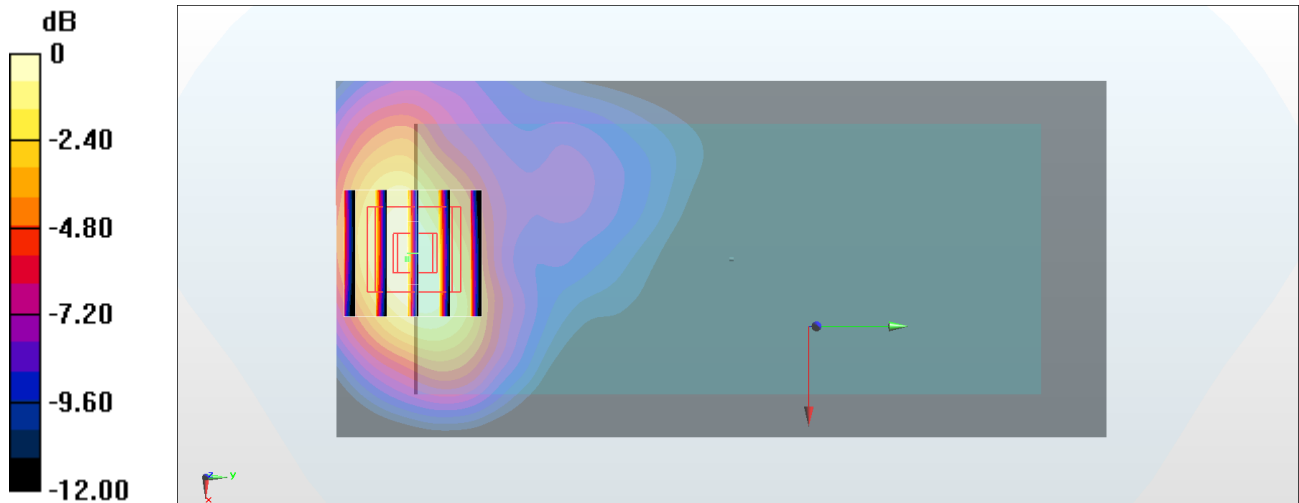
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.43 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.311 W/kg

SAR(1 g) = 0.199 W/kg; SAR(10 g) = 0.116 W/kg

Maximum value of SAR (measured) = 0.238 W/kg



0 dB = 0.238 W/kg = -6.23 dBW/kg

#43_LTE Band 41_20M_QPSK_50_50_Back_15mm_Ch39750

Communication System: LTE; Frequency: 2506 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600_190718 Medium parameters used : $f = 2506$ MHz; $\sigma = 1.874$ S/m; $\epsilon_r = 38.627$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3170; ConvF(4.63, 4.63, 4.63) @ 2506 MHz; Calibrated: 2018/11/2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2019/1/3
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x71x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.197 W/kg

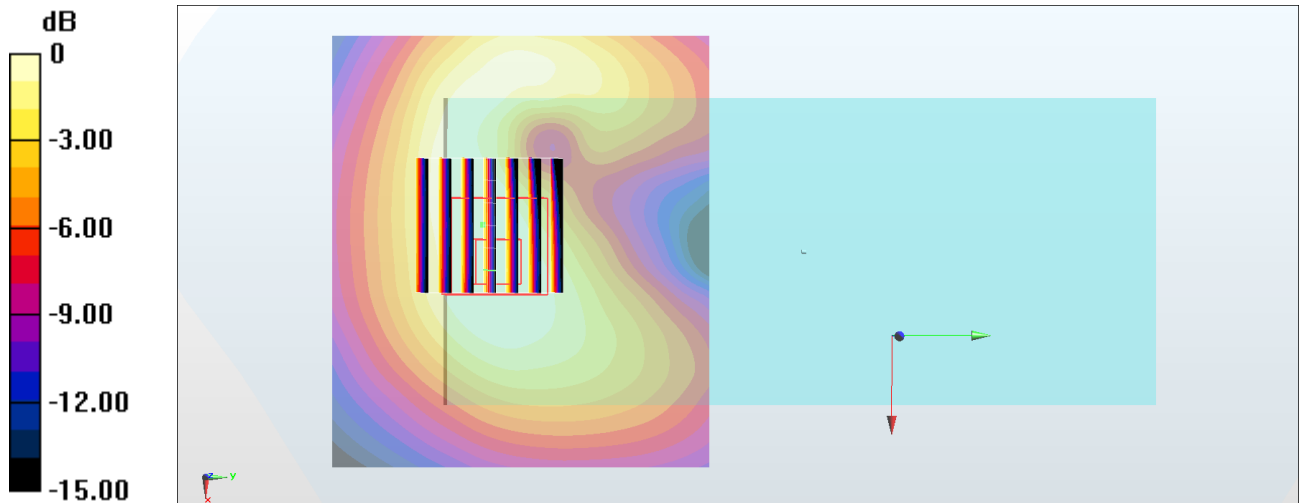
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.944 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.247 W/kg

SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.074 W/kg

Maximum value of SAR (measured) = 0.164 W/kg



0 dB = 0.164 W/kg = -7.85 dBW/kg

#44_WLAN2.4GHz_802.11b 1Mbps_Back_15mm_Ch1

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1.005

Medium: HSL_2450_190721 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.746$ S/m; $\epsilon_r = 39.066$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.54, 7.54, 7.54) @ 2412 MHz; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0750 W/kg

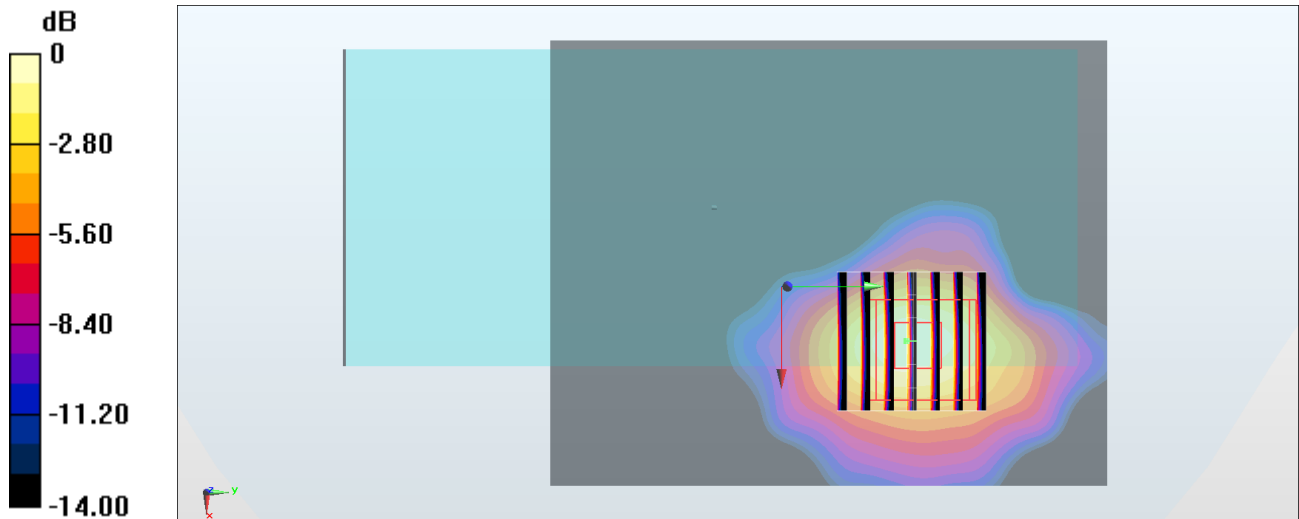
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.537 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.0980 W/kg

SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.023 W/kg

Maximum value of SAR (measured) = 0.0777 W/kg



0 dB = 0.0777 W/kg = -11.10 dBW/kg

#45_WLAN5GHz_802.11ac-VHT80 MCS0_Back_15mm_Ch58

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.034

Medium: HSL_5G_190722 Medium parameters used: $f = 5290$ MHz; $\sigma = 4.707$ S/m; $\epsilon_r = 35.894$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.12, 5.12, 5.12) @ 5290 MHz; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (101x181x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.167 W/kg

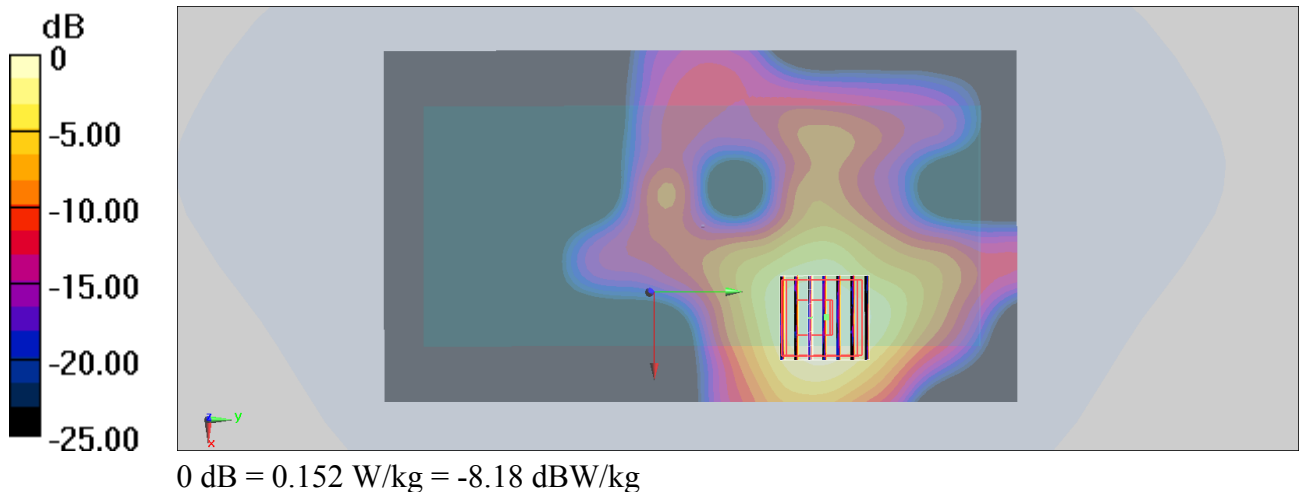
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 6.087 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.229 W/kg

SAR(1 g) = 0.072 W/kg; SAR(10 g) = 0.027 W/kg

Maximum value of SAR (measured) = 0.152 W/kg



#46_WLAN5GHz_802.11ac-VHT80 MCS0_Front_15mm_Ch122

Communication System: 802.11ac; Frequency: 5610 MHz; Duty Cycle: 1:1.032

Medium: HSL_5G_190722 Medium parameters used: $f = 5610$ MHz; $\sigma = 5.034$ S/m; $\epsilon_r = 35.476$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.47, 4.47, 4.47) @ 5610 MHz; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (101x101x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.134 W/kg

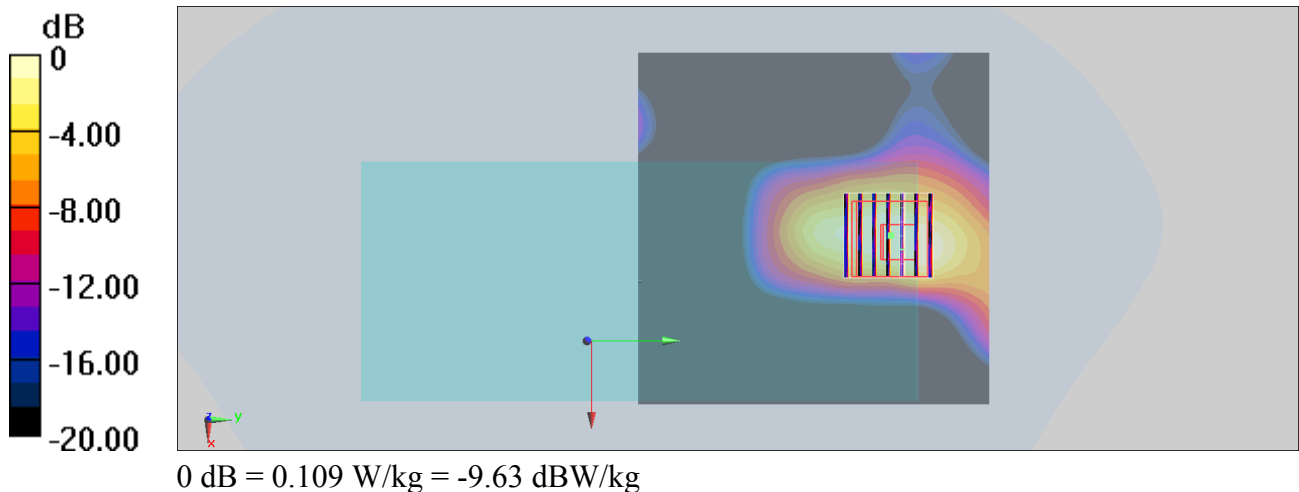
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 1.976 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.169 W/kg

SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.109 W/kg



#47_WLAN5GHz_802.11ac-VHT80 MCS0_Back_15mm_Ch155

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.034

Medium: HSL_5G_190723 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.112$ S/m; $\epsilon_r = 36.531$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.72, 4.72, 4.72) @ 5775 MHz; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Area Scan (101x101x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.0662 W/kg

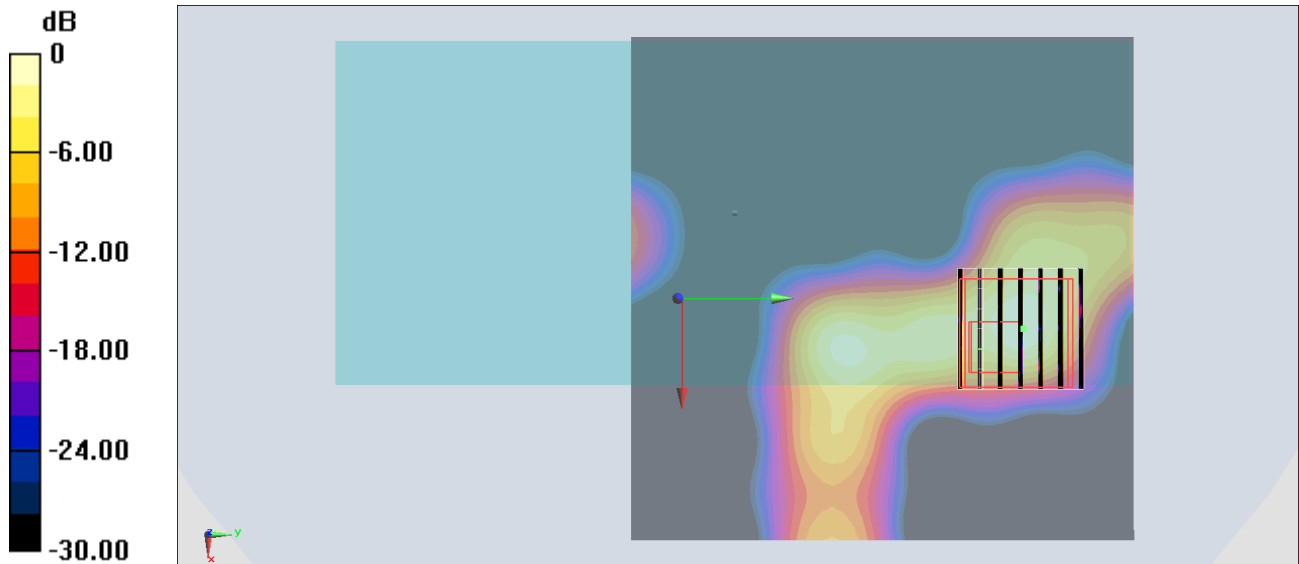
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 1.263 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.230 W/kg

SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.00534 W/kg

Maximum value of SAR (measured) = 0.0692 W/kg



0 dB = 0.0692 W/kg = -11.60 dBW/kg

#48_Bluetooth_1Mbps_Back_15mm_Ch78

Communication System: Bluetooth ; Frequency: 2480 MHz; Duty Cycle: 1:1.301

Medium: HSL_2450_190721 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.821$ S/m; $\epsilon_r = 38.789$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.54, 7.54, 7.54) @ 2480 MHz; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2018/9/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0393 W/kg

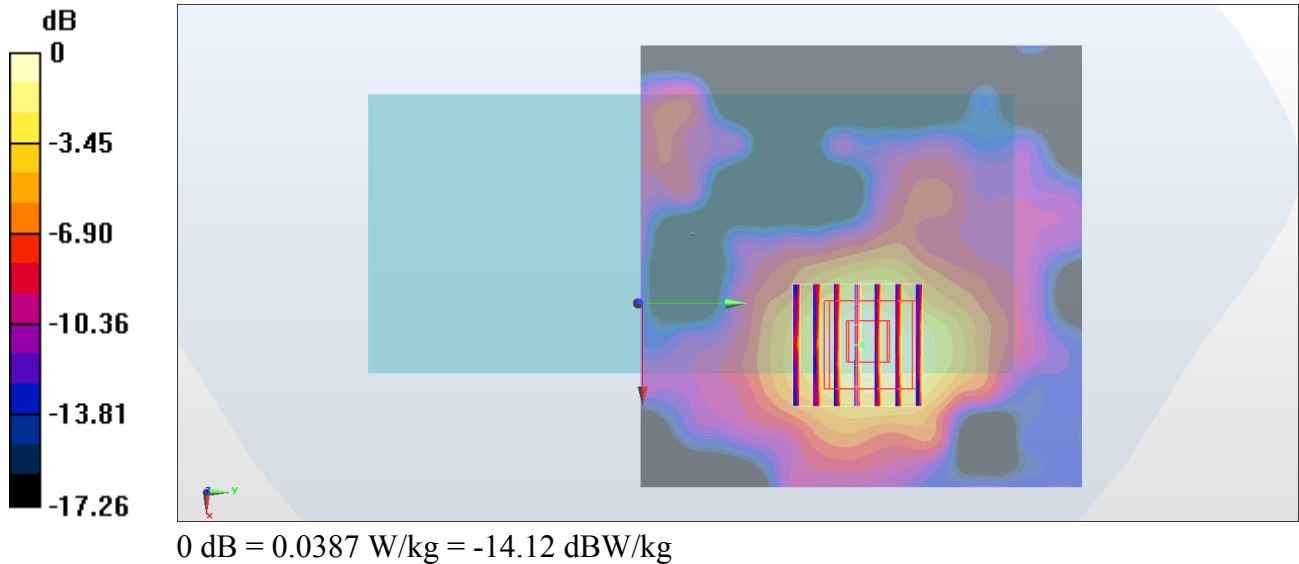
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.060 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.0610 W/kg

SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.008 W/kg

Maximum value of SAR (measured) = 0.0387 W/kg



#49_WLAN5GHz_802.11ac-VHT80 MCS0_Back_0mm_Ch58

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.034

Medium: HSL_5G_190722 Medium parameters used: $f = 5290$ MHz; $\sigma = 4.707$ S/m; $\epsilon_r = 35.894$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.12, 5.12, 5.12) @ 5290 MHz; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (101x181x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 4.37 W/kg

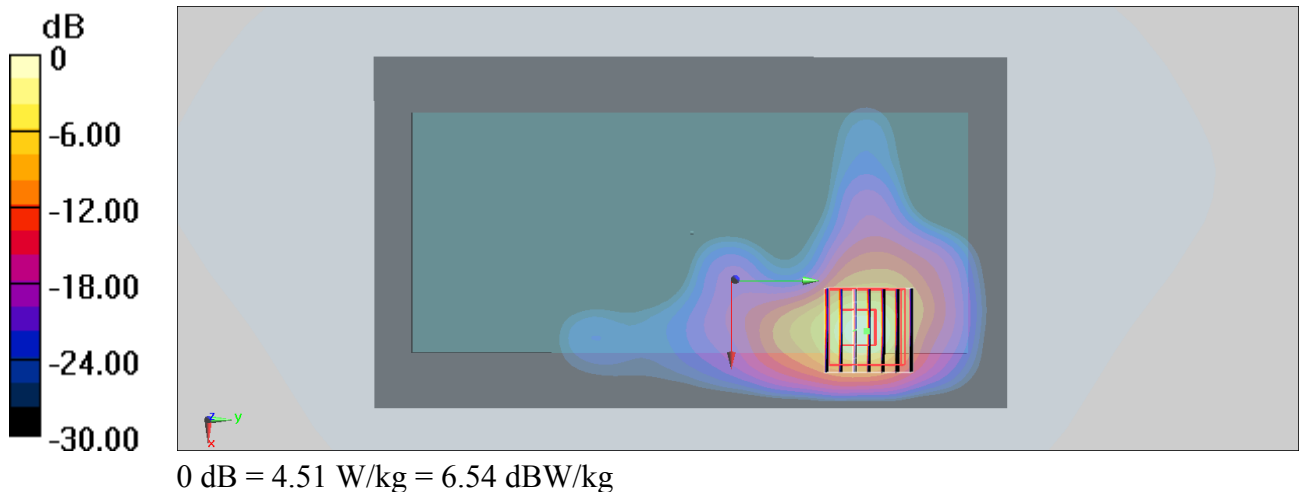
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 29.07 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 9.25 W/kg

SAR(1 g) = 1.61 W/kg; SAR(10 g) = 0.380 W/kg

Maximum value of SAR (measured) = 4.51 W/kg



#50_WLAN5GHz_802.11ac-VHT80 MCS0_Back_0mm_Ch122

Communication System: 802.11ac; Frequency: 5610 MHz; Duty Cycle: 1:1.034

Medium: HSL_5G_190722 Medium parameters used: $f = 5610$ MHz; $\sigma = 5.034$ S/m; $\epsilon_r = 35.476$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.47, 4.47, 4.47) @ 5610 MHz; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (101x101x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 2.38 W/kg

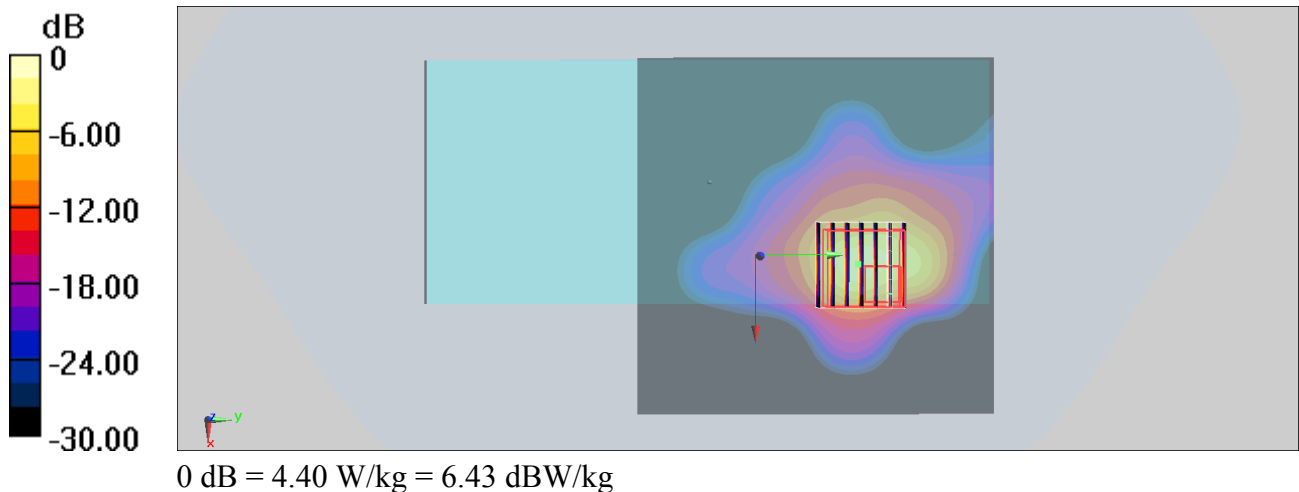
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 14.72 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 9.05 W/kg

SAR(1 g) = 1.39 W/kg; SAR(10 g) = 0.378 W/kg

Maximum value of SAR (measured) = 4.40 W/kg



#51_WLAN5GHz_802.11ac-VHT80 MCS0_Back_0mm_Ch155

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.034

Medium: HSL_5G_190723 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.112$ S/m; $\epsilon_r = 36.531$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.72, 4.72, 4.72) @ 5775 MHz; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7450)

Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.61 W/kg

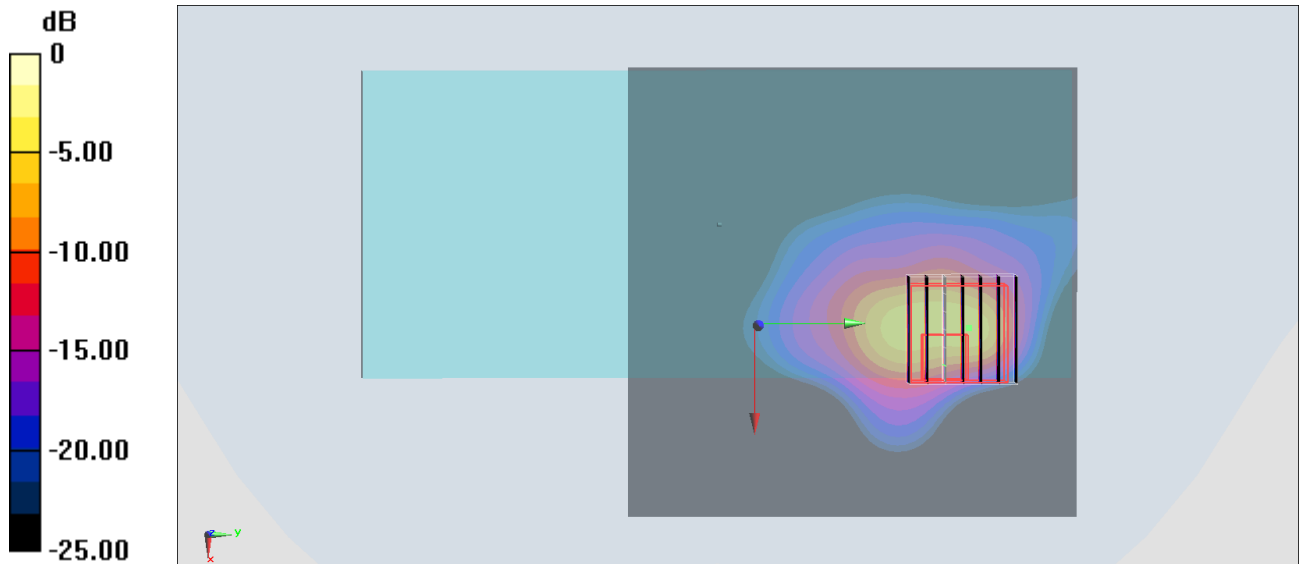
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.668 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 10.9 W/kg

SAR(1 g) = 1.33 W/kg; SAR(10 g) = 0.302 W/kg

Maximum value of SAR (measured) = 5.19 W/kg



0 dB = 5.19 W/kg = 7.15 dBW/kg