#01_GSM850_GPRS (4 Tx slots)_Left Cheek_Ch189

Communication System: GSM850 ; Frequency: 836.4 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_150527 Medium parameters used: f = 836.4 MHz; σ = 0.875 S/m; ε_r = 42.317; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3954; ConvF(10.33, 10.33, 10.33); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch189/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
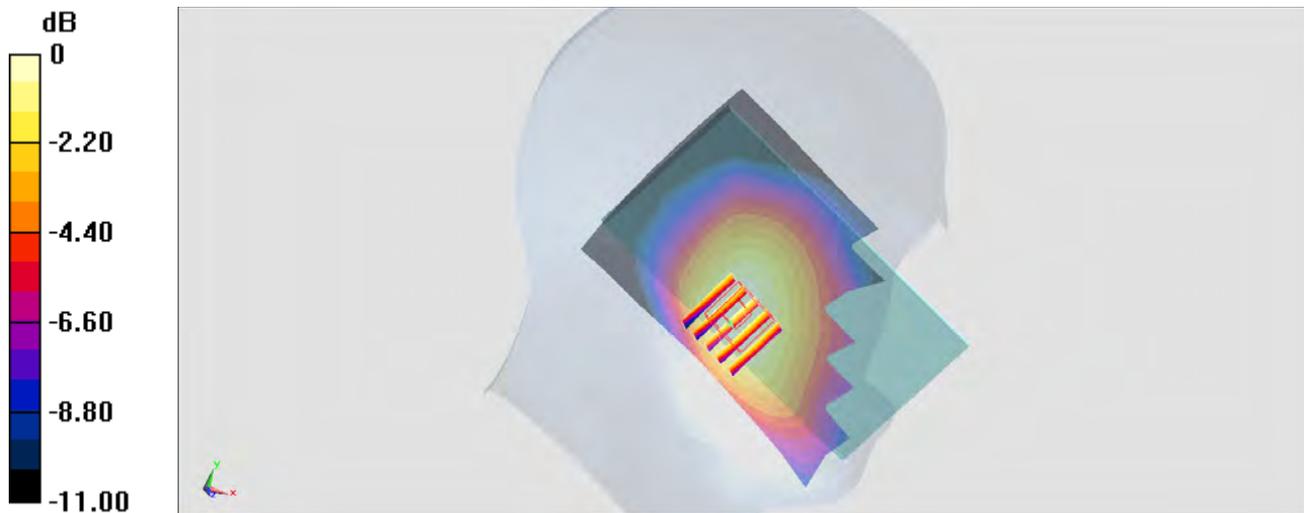Maximum value of SAR (interpolated) = 0.262 W/kg

Configuration/Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.91 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.287 W/kg
SAR(1 g) = 0.214 W/kg; SAR(10 g) = 0.161 W/kg
Maximum value of SAR (measured) = 0.261 W/kg

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

#02_GSM1900_GPRS (3 Tx slots)_Right Cheek_Ch512

Communication System: PCS ; Frequency: 1850.2 MHz;Duty Cycle: 1:2.77
Medium: HSL_1900_150527 Medium parameters used : f = 1850.2 MHz; σ = 1.345 S/m; $ε_r$ = 38.563; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3954; ConvF(8.1, 8.1, 8.1); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch512/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.118 W/kg

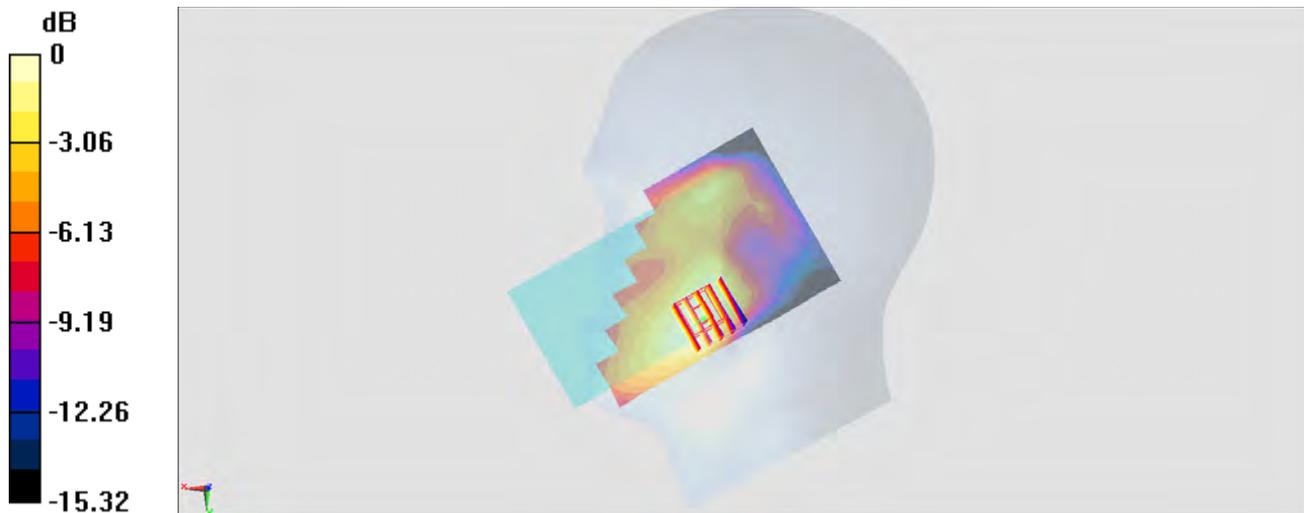**Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.323 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.123 W/kg
SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.056 W/kg
Maximum value of SAR (measured) = 0.107 W/kg

0 dB = 0.107 W/kg = -9.71 dBW/kg

#03_WCDMA V_RMC 12.2Kbps_Left Cheek_Ch4233

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL_850_150527 Medium parameters used: f = 847 MHz; σ = 0.886 S/m; ε_r = 42.202; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3954; ConvF(10.33, 10.33, 10.33); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch4233/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.250 W/kg

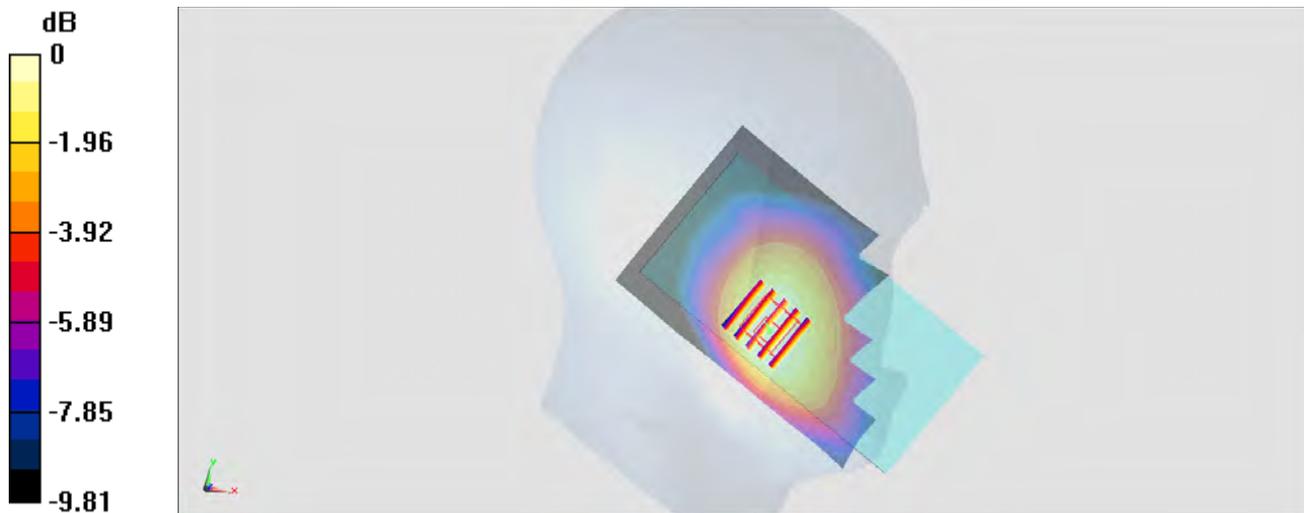**Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.96 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.272 W/kg
SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.155 W/kg
Maximum value of SAR (measured) = 0.248 W/kg

0 dB = 0.248 W/kg = -6.06 dBW/kg

#04_WCDMA II_RMC 12.2Kbps_Right Cheek_Ch9262

Communication System: WCDMA ; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_150527 Medium parameters used : f = 1852.4 MHz; σ = 1.347 S/m; ε_r = 38.555;
ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3954; ConvF(8.1, 8.1, 8.1); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch9262/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
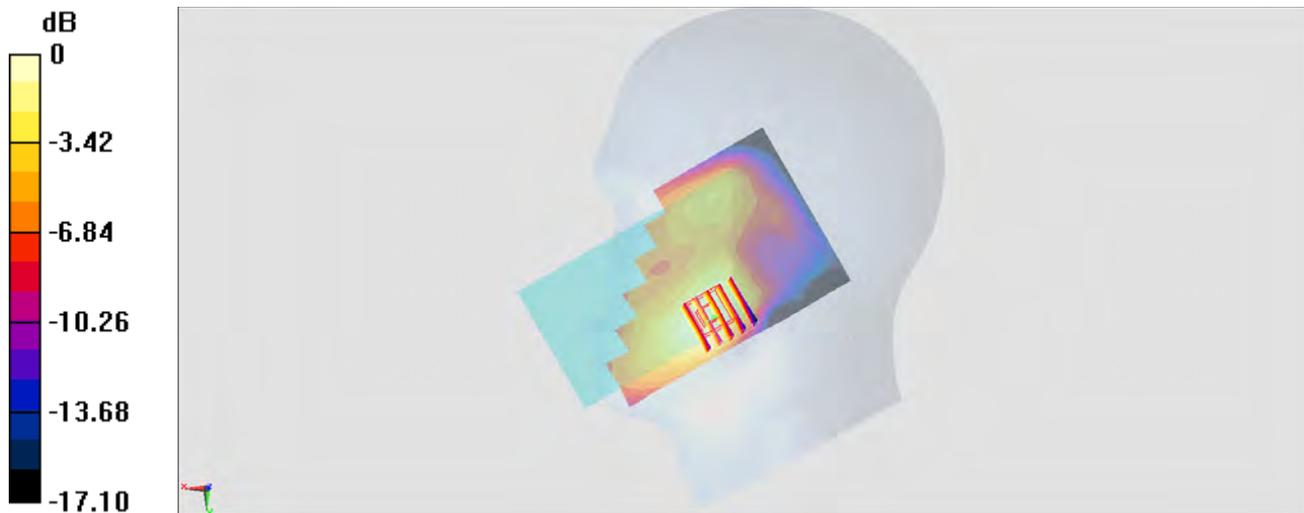Maximum value of SAR (interpolated) = 0.233 W/kg

Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.55 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.241 W/kg
SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.104 W/kg
Maximum value of SAR (measured) = 0.206 W/kg

0 dB = 0.206 W/kg = -6.86 dBW/kg

#05_LTE Band 5_10M_QPSK_1RB_0offset_Left Cheek_Ch20525

Communication System: LTE ; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_150527 Medium parameters used: f = 836.5 MHz; σ = 0.875 S/m; ε_r = 42.316; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3954; ConvF(10.33, 10.33, 10.33); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch20525/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
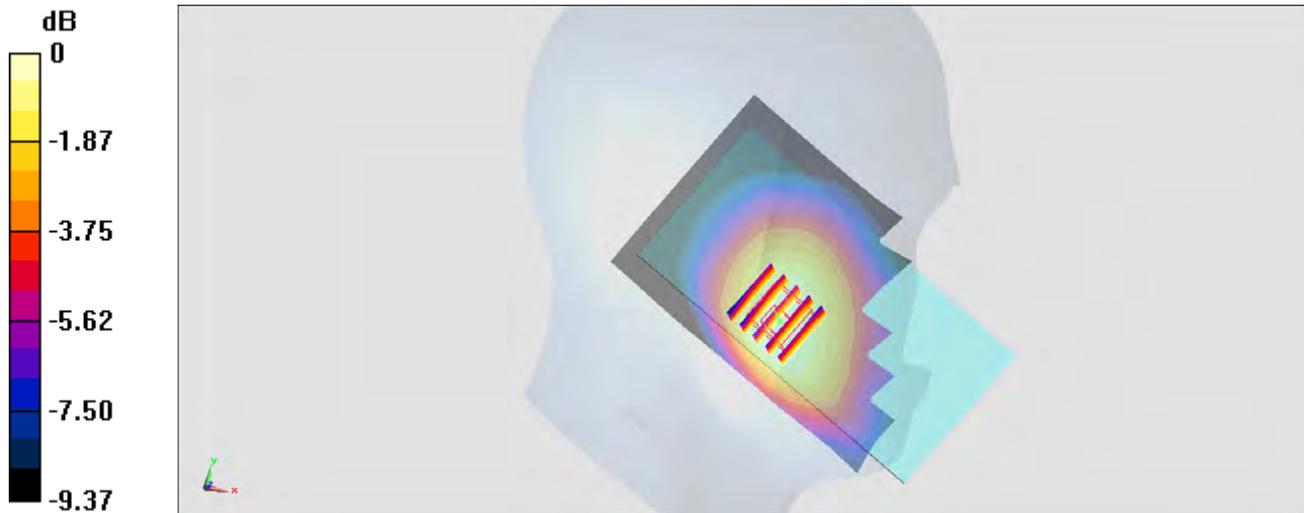Maximum value of SAR (interpolated) = 0.190 W/kg

Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.00 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.208 W/kg
SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.121 W/kg
Maximum value of SAR (measured) = 0.191 W/kg

0 dB = 0.191 W/kg = -7.19 dBW/kg

#06_LTE Band 7_20M_QPSK_1RB_0offset_Right Cheek_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_150527 Medium parameters used: f = 2560 MHz; σ = 1.958 mho/m; ε_r = 38.004; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(6.9, 6.9, 6.9); Calibrated: 2015/3/31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2014/12/29
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2);SEMCAD X Version 14.6.6 (6477)

Configuration/Ch21350/Area Scan (91x171x1): Measurement grid: dx=12mm, dy=12mm
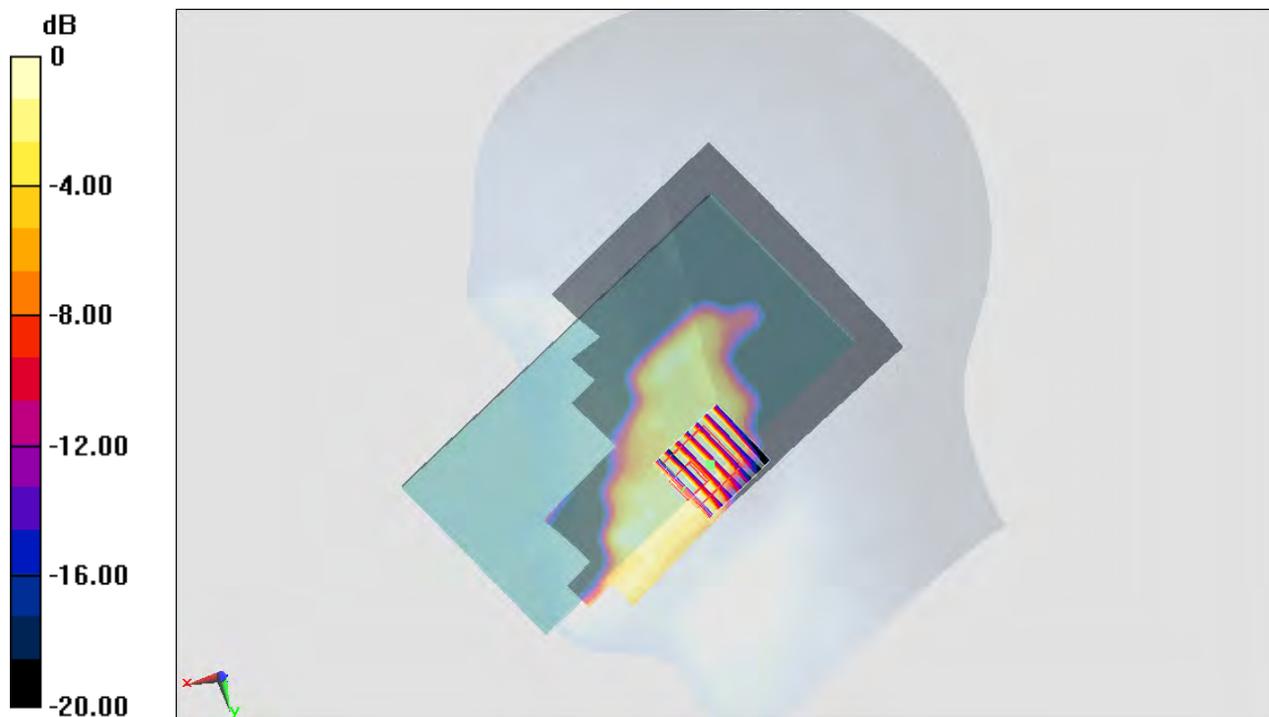Maximum value of SAR (interpolated) = 0.205 mW/g

Configuration/Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.605 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.224 mW/g
SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.056 mW/g
Maximum value of SAR (measured) = 0.176 mW/g

0 dB = 0.176 mW/g = -15.09 dB mW/g

#07_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch11

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1.019
Medium: HSL_2450_150527 Medium parameters used: f = 2462 MHz; σ = 1.861 mho/m; ε$_r$ = 38.024; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.52, 4.52, 4.52); Calibrated: 2014/9/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2014/12/29
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2);SEMCAD X Version 14.6.6 (6477)

Configuration/Ch11/Area Scan (91x171x1): Measurement grid: dx=12mm, dy=12mm
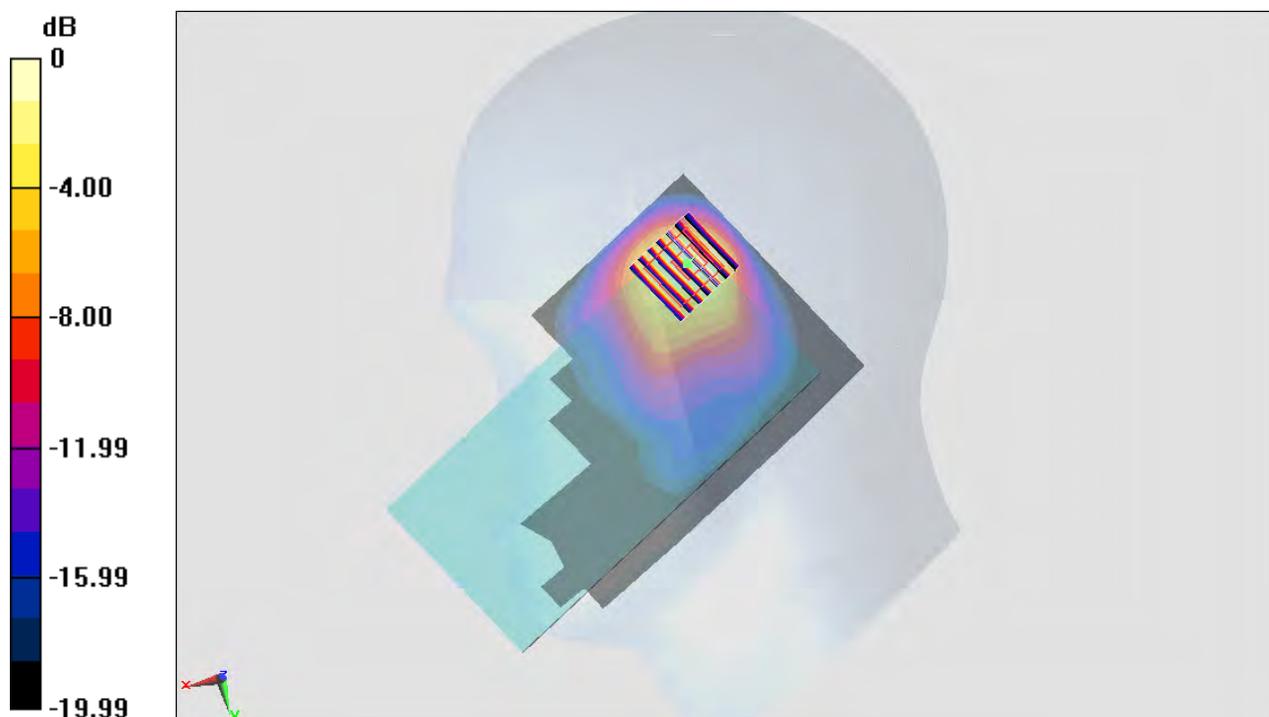Maximum value of SAR (interpolated) = 0.973 mW/g

Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.811 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.638 mW/g
SAR(1 g) = 0.578 mW/g; SAR(10 g) = 0.266 mW/g
Maximum value of SAR (measured) = 0.908 mW/g

0 dB = 0.908 mW/g = -0.84 dB mW/g

#08_WLAN5GHz_802.11n-HT40 MCS0_Right Tilted_Ch62

Communication System: 802.11n; Frequency: 5310 MHz;Duty Cycle: 1:1.257
Medium: HSL_5G_150528 Medium parameters used: f = 5310 MHz; σ = 4.611 mho/m; ε_r = 36.72; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(5.3, 5.3, 5.3); Calibrated: 2015/3/31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2014/12/29
- Phantom: SAM_Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (2);SEMCAD X Version 14.6.6 (6477)

Configuration/Ch62/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
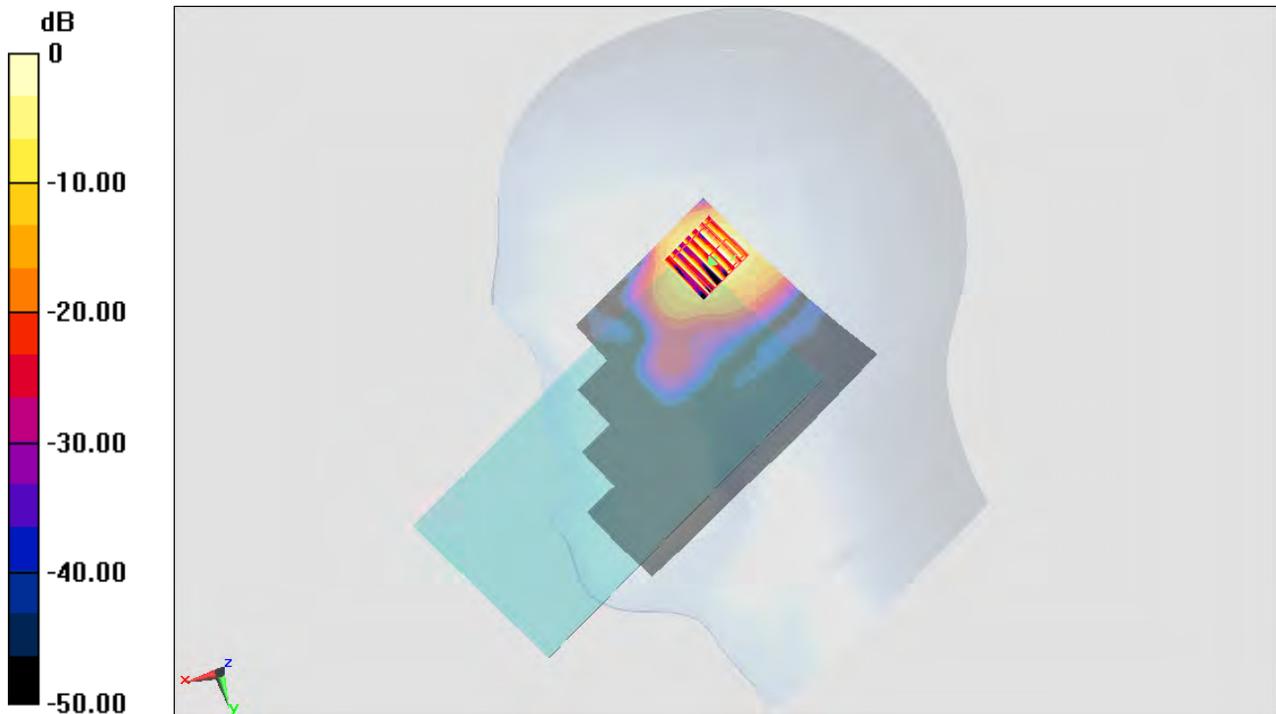Maximum value of SAR (interpolated) = 0.704 mW/g

Configuration/Ch62/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 12.853 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.974 mW/g
SAR(1 g) = 0.480 mW/g; SAR(10 g) = 0.105 mW/g
Maximum value of SAR (measured) = 1.20 mW/g

0 dB = 1.20 mW/g = 1.58 dB mW/g

#09_WLAN5GHz_802.11n-HT40 MCS0_Right Tilted_Ch102

Communication System: 802.11n; Frequency: 5510 MHz;Duty Cycle: 1:1.257
Medium: HSL_5G_150528 Medium parameters used: f = 5510 MHz; σ = 4.796 mho/m; ε_r = 36.433; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(4.99, 4.99, 4.99); Calibrated: 2015/3/31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2014/12/29
- Phantom: SAM_Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (2);SEMCAD X Version 14.6.6 (6477)

Configuration/Ch102/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
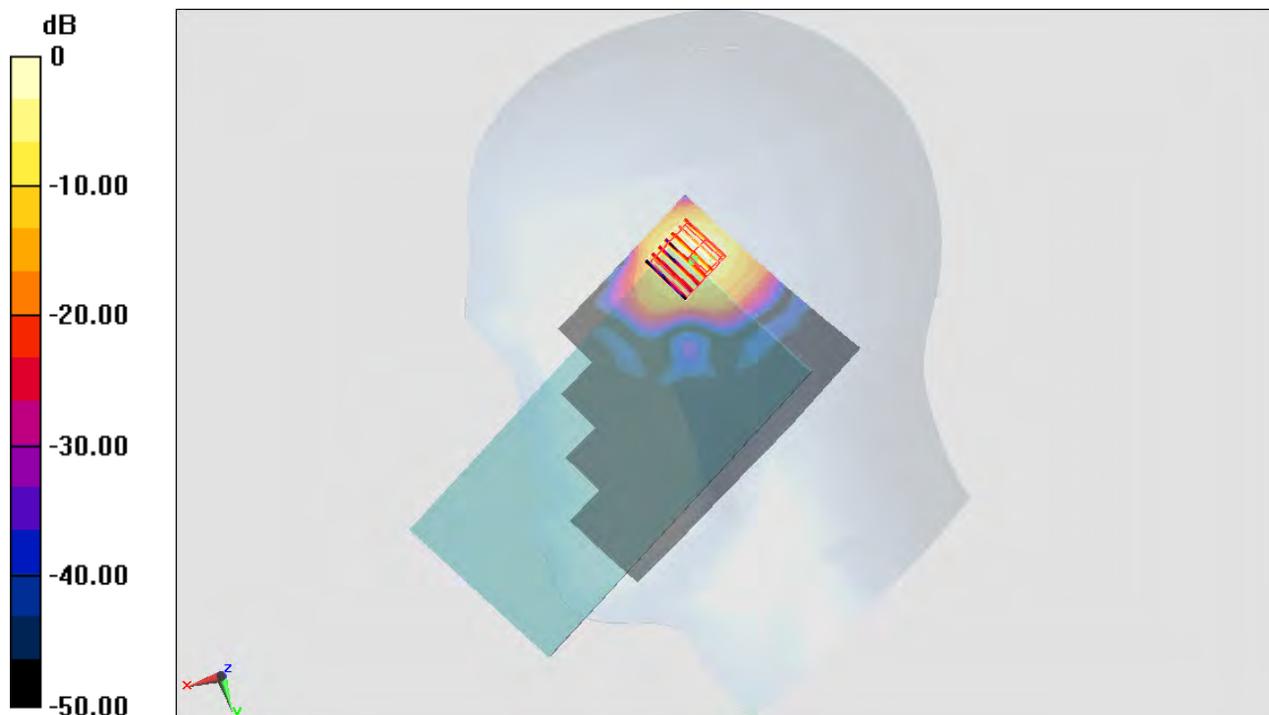Maximum value of SAR (interpolated) = 0.861 mW/g

Configuration/Ch102/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 14.274 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.795 mW/g
SAR(1 g) = 0.442 mW/g; SAR(10 g) = 0.093 mW/g
Maximum value of SAR (measured) = 1.11 mW/g

0 dB = 1.11 mW/g = 0.91 dB mW/g

#10_WLAN5GHz_802.11n-HT40 MCS0_Right Tilted_Ch159

Communication System: 802.11n; Frequency: 5795 MHz;Duty Cycle: 1:1.257
Medium: HSL_5G_150528 Medium parameters used: f = 5795 MHz; σ = 5.092 mho/m; $ε_r$ = 36.117;
ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(4.88, 4.88, 4.88); Calibrated: 2015/3/31;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2014/12/29
- Phantom: SAM_Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (2);SEMCAD X Version 14.6.6 (6477)

Configuration/Ch159/Area Scan (101x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.556 mW/g

Configuration/Ch159/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm,
dz=1.4mm
Reference Value = 8.836 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.271 mW/g
SAR(1 g) = 0.290 mW/g; SAR(10 g) = 0.061 mW/g
Maximum value of SAR (measured) = 0.746 mW/g

0 dB = 0.746 mW/g = -2.55 dB mW/g

#11_GSM850_GPRS (4 Tx slots)_Back_10mm_Ch189

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_150526 Medium parameters used: f = 836.4 MHz; σ = 0.983 S/m; ε$_r$ = 56.377; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3954; ConvF(10.01, 10.01, 10.01); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch189/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
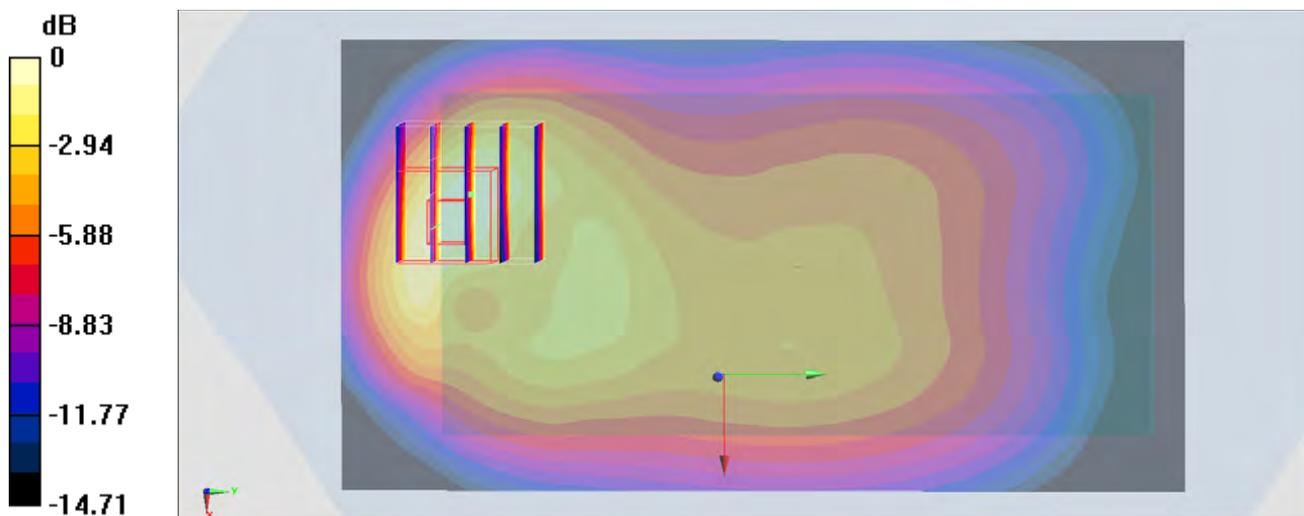Maximum value of SAR (interpolated) = 0.886 W/kg

Configuration/Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.35 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.644 W/kg; SAR(10 g) = 0.359 W/kg
Maximum value of SAR (measured) = 0.945 W/kg

0 dB = 0.945 W/kg = -0.25 dBW/kg

#12_GSM1900_GPRS (3 Tx slots)_Back_10mm_Ch512

Communication System: PCS ; Frequency: 1850.2 MHz;Duty Cycle: 1:2.77
Medium: MSL_1900_150525 Medium parameters used: f = 1850.2 MHz; σ = 1.491 S/m; ε_r = 55.411; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3954; ConvF(7.93, 7.93, 7.93); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch512/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.345 W/kg

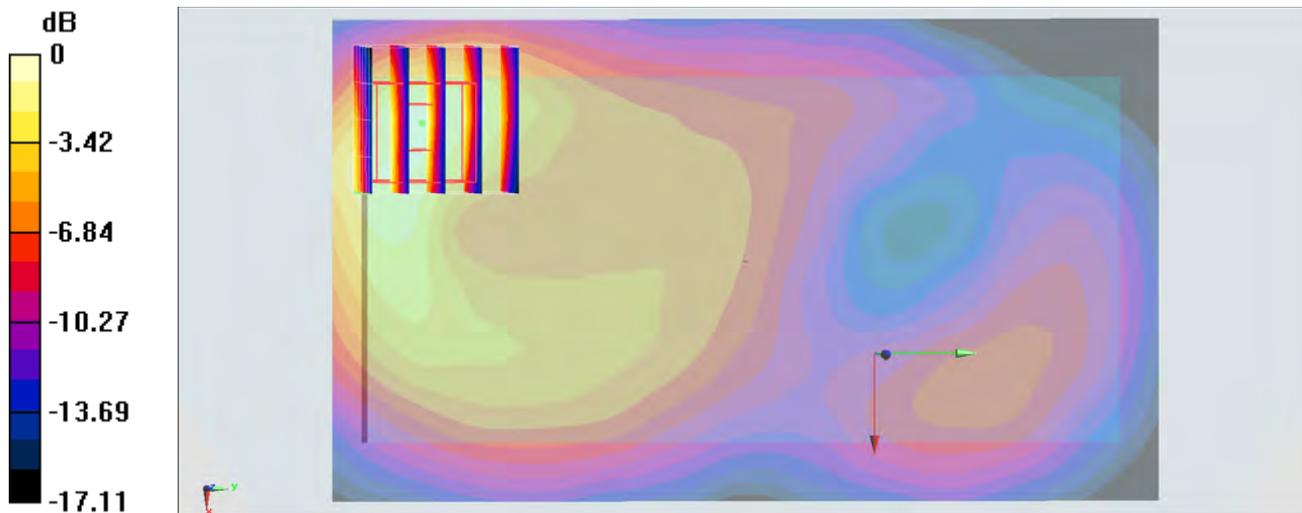**Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.31 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.513 W/kg
SAR(1 g) = 0.264 W/kg; SAR(10 g) = 0.138 W/kg
Maximum value of SAR (measured) = 0.406 W/kg

0 dB = 0.406 W/kg = -3.91 dBW/kg

#13_WCDMA V_RMC 12.2Kbps_Back_10mm_Ch4233

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_850_150526 Medium parameters used: f = 847 MHz; σ = 0.992 S/m; ε_r = 56.292; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3954; ConvF(10.01, 10.01, 10.01); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch4233/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.739 W/kg

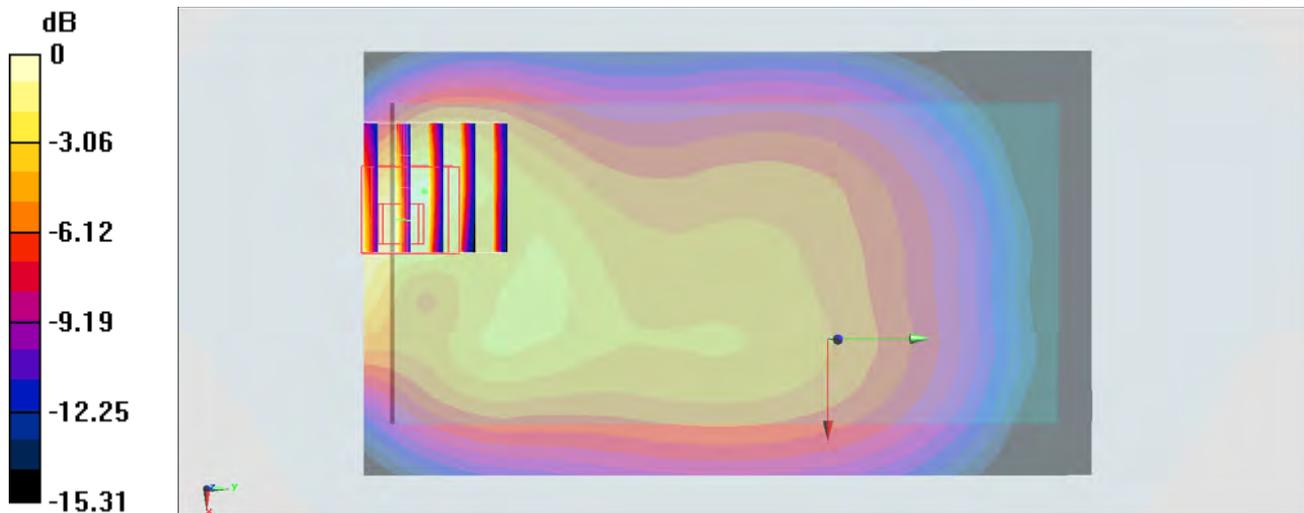**Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.79 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.591 W/kg; SAR(10 g) = 0.326 W/kg
Maximum value of SAR (measured) = 0.867 W/kg

0 dB = 0.867 W/kg = -0.62 dBW/kg

#14_WCDMA II_RMC 12.2Kbps_Back_10mm_Ch9262

Communication System: WCDMA ; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_150525 Medium parameters used : f = 1852.4 MHz; σ = 1.495 S/m; $ε_r$ = 55.414; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3954; ConvF(7.93, 7.93, 7.93); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch9262/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
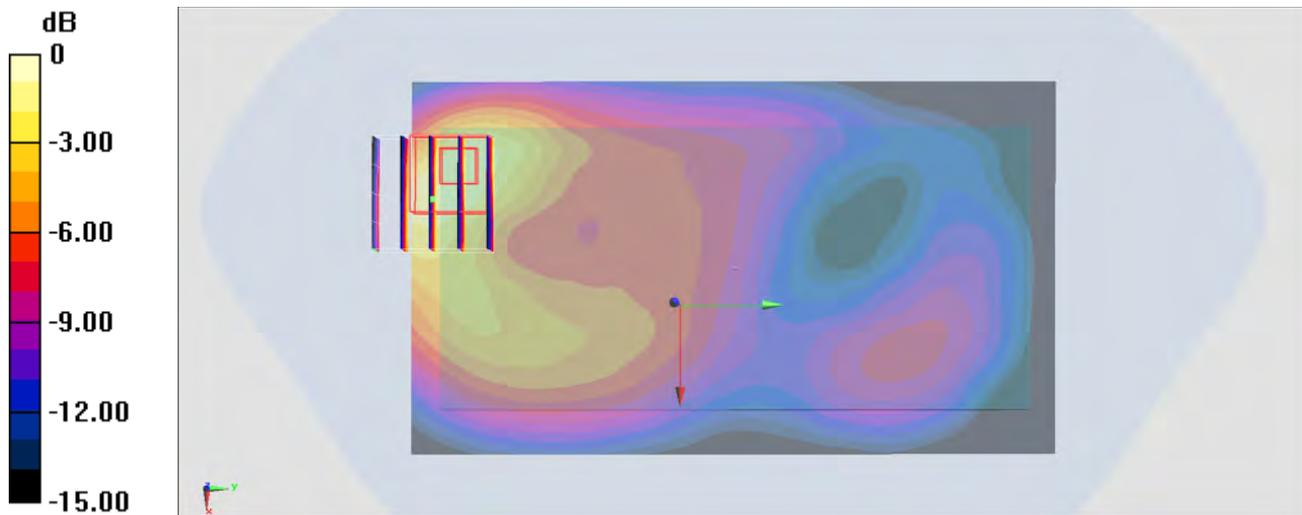Maximum value of SAR (interpolated) = 0.609 W/kg

Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.18 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.942 W/kg
SAR(1 g) = 0.477 W/kg; SAR(10 g) = 0.247 W/kg
Maximum value of SAR (measured) = 0.767 W/kg

0 dB = 0.767 W/kg = -1.15 dBW/kg

#15_LTE Band 5_10M_QPSK_1RB_0offset_Back_10mm_Ch20525

Communication System: LTE ; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: MSL_850_150526 Medium parameters used: f = 836.5 MHz; σ = 0.984 S/m; ε_r = 56.376; ρ = 1000 kg/m³
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3954; ConvF(10.01, 10.01, 10.01); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch20525/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
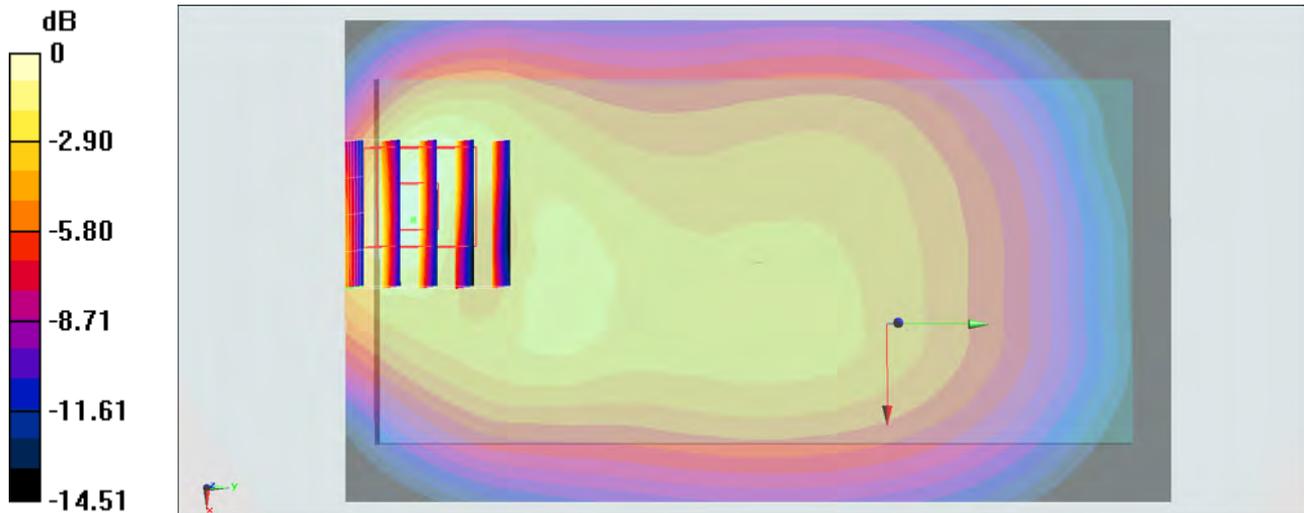Maximum value of SAR (interpolated) = 0.581 W/kg

Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.34 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.753 W/kg
SAR(1 g) = 0.411 W/kg; SAR(10 g) = 0.230 W/kg
Maximum value of SAR (measured) = 0.621 W/kg

0 dB = 0.621 W/kg = -2.07 dBW/kg

#16_LTE Band 7_20M_QPSK_1RB_0offset_Back_10mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_150525 Medium parameters used: f = 2560 MHz; σ = 2.178 S/m; ε_r = 53.08; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3954; ConvF(7.07, 7.07, 7.07); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch21350/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
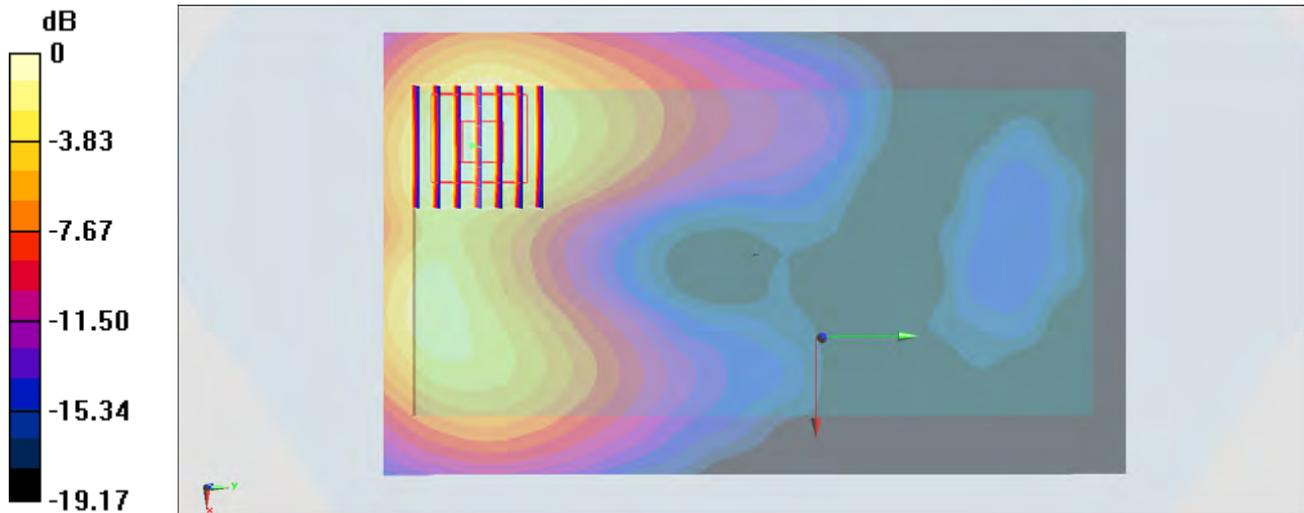Maximum value of SAR (interpolated) = 0.930 W/kg

Configuration/Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.84 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.608 W/kg; SAR(10 g) = 0.326 W/kg
Maximum value of SAR (measured) = 0.959 W/kg

0 dB = 0.959 W/kg = -0.18 dBW/kg

#17_WLAN2.4GHz_802.11b 1Mbps_Back_10mm_Ch11

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1.019
Medium: MSL_2450_150527 Medium parameters used: f = 2462 MHz; σ = 2.026 mho/m; ε$_r$ = 53.365; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.29, 4.29, 4.29); Calibrated: 2014/9/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2014/12/29
- Phantom: SAM_Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (2);SEMCAD X Version 14.6.6 (6477)

Configuration/Ch11/Area Scan (81x151x1): Measurement grid: dx=12mm, dy=12mm
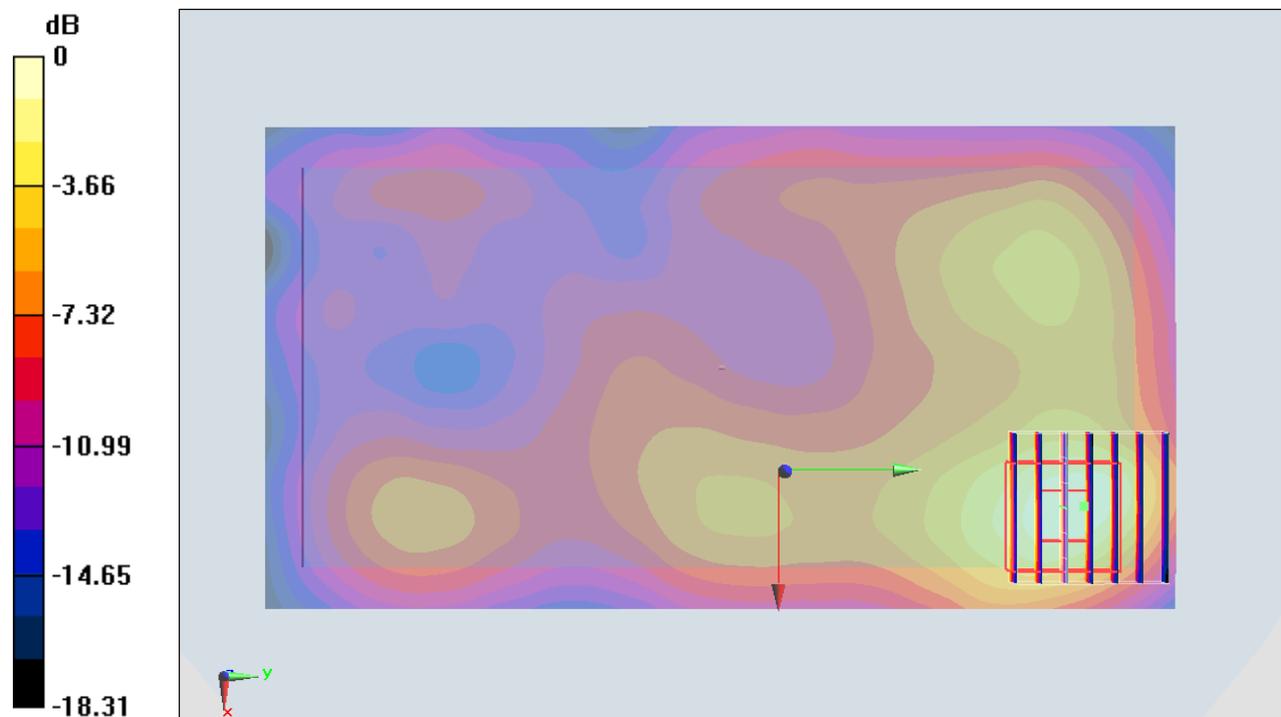Maximum value of SAR (interpolated) = 0.200 mW/g

Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.897 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.326 mW/g
SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.062 mW/g
Maximum value of SAR (measured) = 0.208 mW/g

0 dB = 0.208 mW/g = -13.64 dB mW/g

#18_WLAN5GHz_802.11n-HT40 MCS0_Top Side_10mm_Ch38

Communication System: 802.11n ; Frequency: 5190 MHz;Duty Cycle: 1:1.257
Medium: MSL_5G_150528 Medium parameters used : f = 5190 MHz; σ = 5.406 S/m; ε_r = 47.225; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3954; ConvF(4.32, 4.32, 4.32); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch38/Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
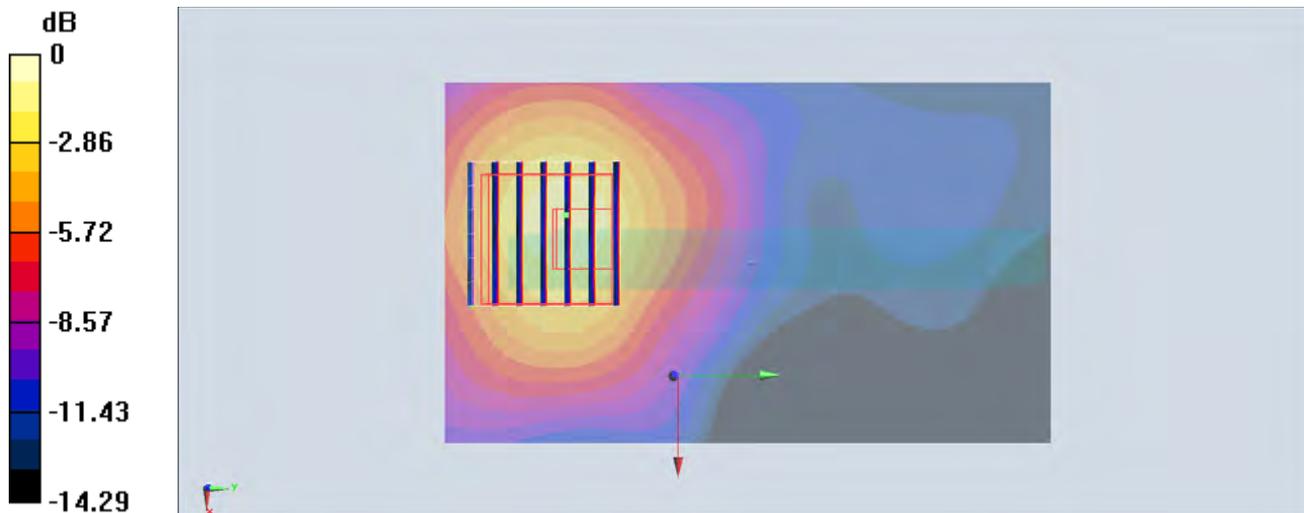Maximum value of SAR (interpolated) = 0.282 W/kg

Configuration/Ch38/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.296 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.567 W/kg
SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.077 W/kg
Maximum value of SAR (measured) = 0.365 W/kg

0 dB = 0.365 W/kg = -4.38 dBW/kg

#19_GSM850_GPRS (4 Tx slots)_Back_15mm_Ch189

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_150526 Medium parameters used: f = 836.4 MHz; σ = 0.983 S/m; ε_r = 56.377; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3954; ConvF(10.01, 10.01, 10.01); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch189/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
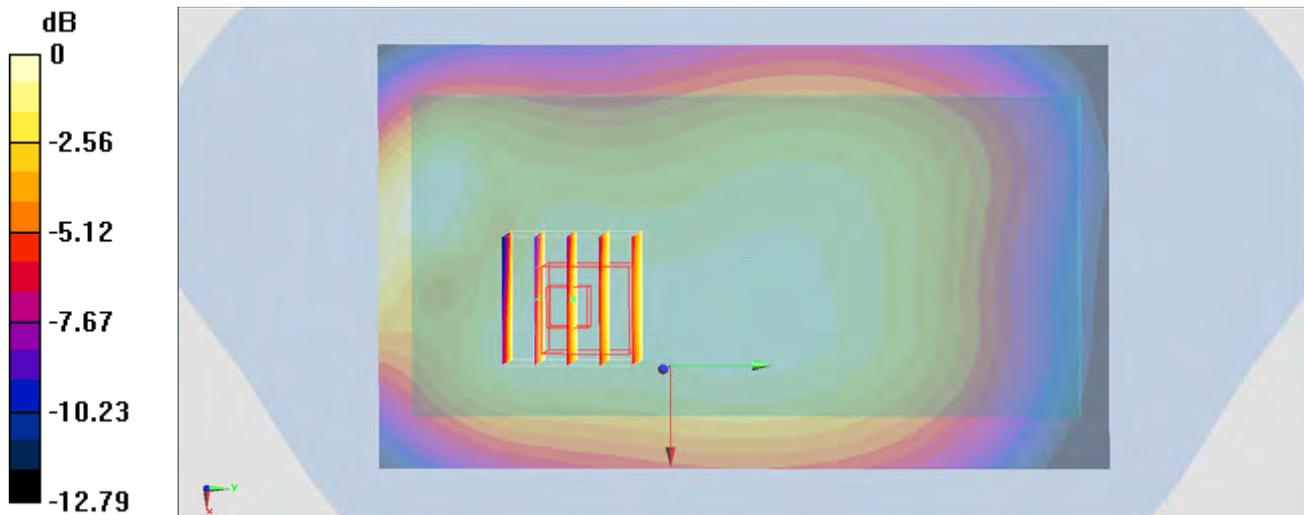Maximum value of SAR (interpolated) = 0.320 W/kg

Configuration/Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.34 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.353 W/kg
SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.201 W/kg
Maximum value of SAR (measured) = 0.315 W/kg

0 dB = 0.315 W/kg = -5.02 dBW/kg

#20_GSM1900_GPRS (3 Tx slots)_Back_15mm_Ch512

Communication System: PCS ; Frequency: 1850.2 MHz;Duty Cycle: 1:2.77
Medium: MSL_1900_150525 Medium parameters used: f = 1850.2 MHz; σ = 1.491 S/m; ε_r = 55.411; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.2 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3954; ConvF(7.93, 7.93, 7.93); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch512/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
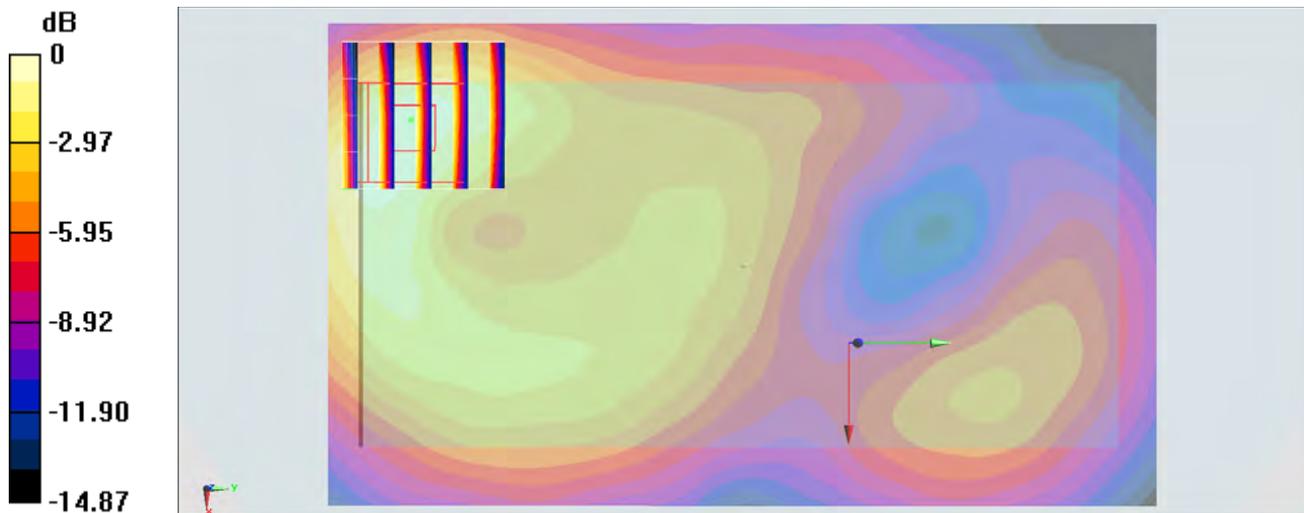Maximum value of SAR (interpolated) = 0.157 W/kg

Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.22 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.202 W/kg
SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.067 W/kg
Maximum value of SAR (measured) = 0.167 W/kg

0 dB = 0.167 W/kg = -7.77 dBW/kg

#21_WCDMA V_RMC 12.2Kbps_Back_15mm_Ch4233

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_850_150526 Medium parameters used: f = 847 MHz; σ = 0.992 S/m; ε_r = 56.292; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3954; ConvF(10.01, 10.01, 10.01); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch4233/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
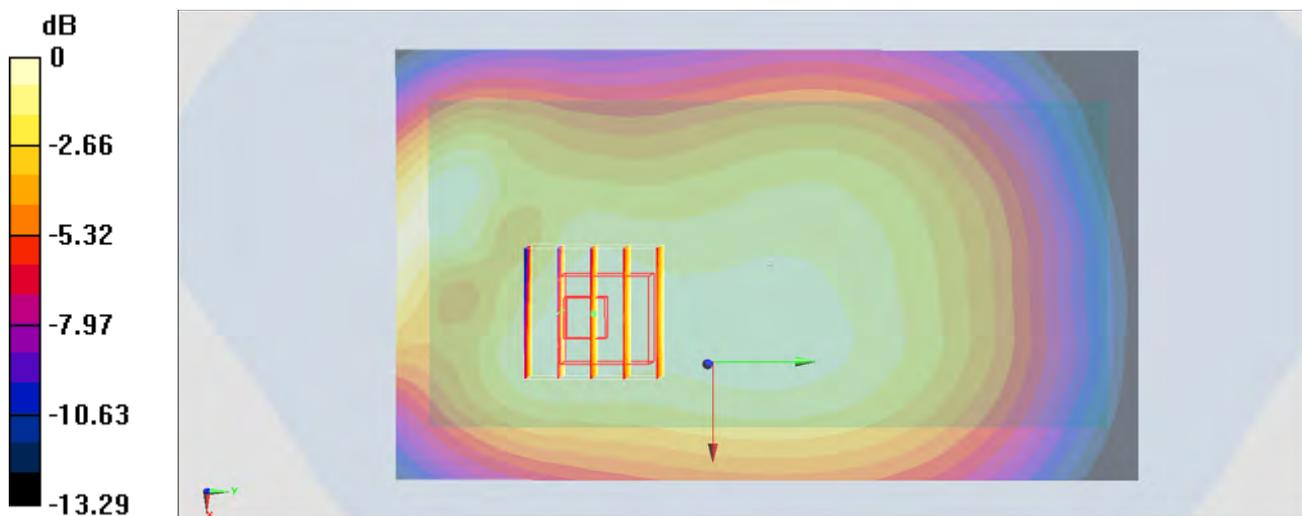Maximum value of SAR (interpolated) = 0.331 W/kg

Configuration/Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.58 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.364 W/kg
SAR(1 g) = 0.276 W/kg; SAR(10 g) = 0.207 W/kg
Maximum value of SAR (measured) = 0.329 W/kg

0 dB = 0.329 W/kg = -4.83 dBW/kg

#22_WCDMA II_RMC 12.2Kbps_Front_15mm_Ch9262

Communication System: WCDMA ; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_150525 Medium parameters used : f = 1852.4 MHz; σ = 1.495 S/m; ε$_r$ = 55.414; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3954; ConvF(7.93, 7.93, 7.93); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch9262/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
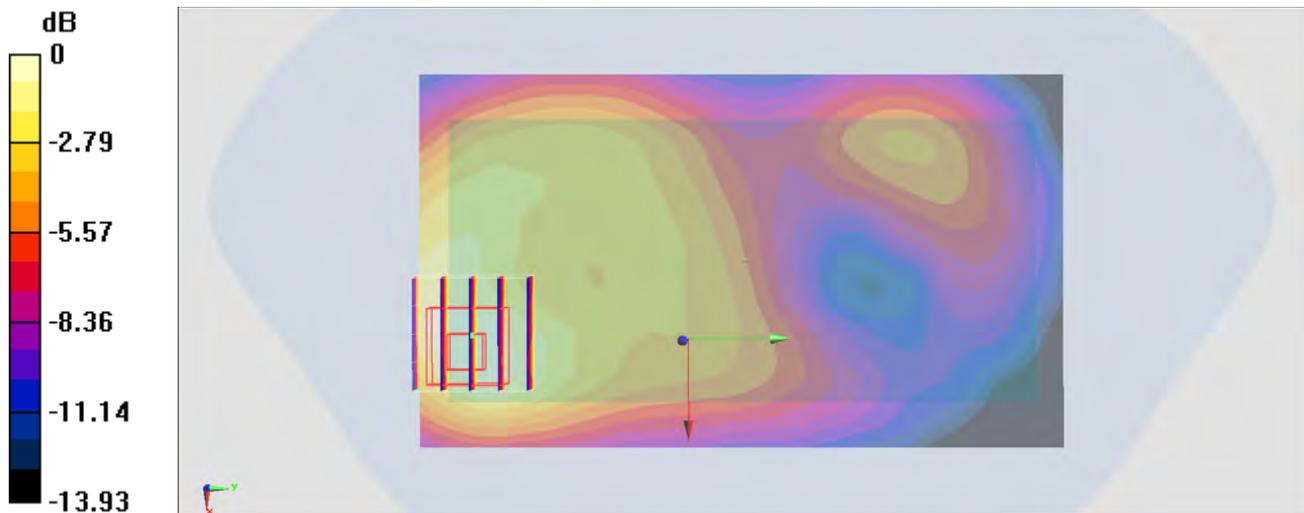Maximum value of SAR (interpolated) = 0.318 W/kg

Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.15 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.374 W/kg
SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.142 W/kg
Maximum value of SAR (measured) = 0.319 W/kg

0 dB = 0.319 W/kg = -4.96 dBW/kg

#23_LTE Band 5_10M_QPSK_1RB_0offset_Back_15mm_Ch20525

Communication System: LTE ; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: MSL_850_150526 Medium parameters used: f = 836.5 MHz; σ = 0.984 S/m; ε_r = 56.376; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3954; ConvF(10.01, 10.01, 10.01); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch20525/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
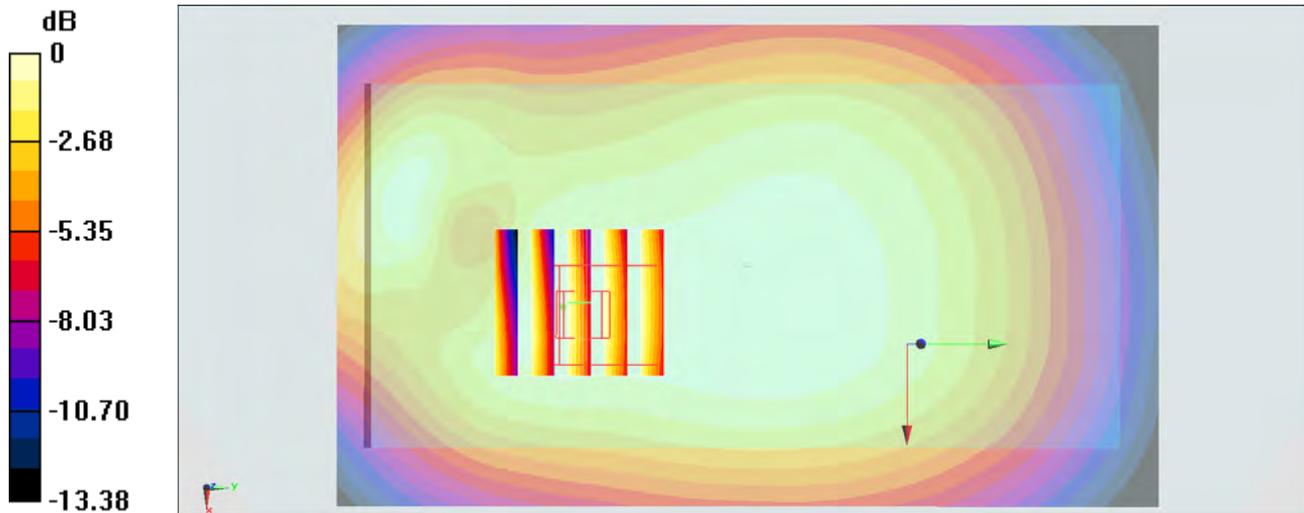Maximum value of SAR (interpolated) = 0.262 W/kg

Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.71 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.282 W/kg
SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.166 W/kg
Maximum value of SAR (measured) = 0.259 W/kg

0 dB = 0.259 W/kg = -5.87 dBW/kg

#24_LTE Band 7_20M_QPSK_1RB_0offset_Front_15mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_150525 Medium parameters used: f = 2560 MHz; σ = 2.178 S/m; ε$_r$ = 53.08; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3954; ConvF(7.07, 7.07, 7.07); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch21350/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
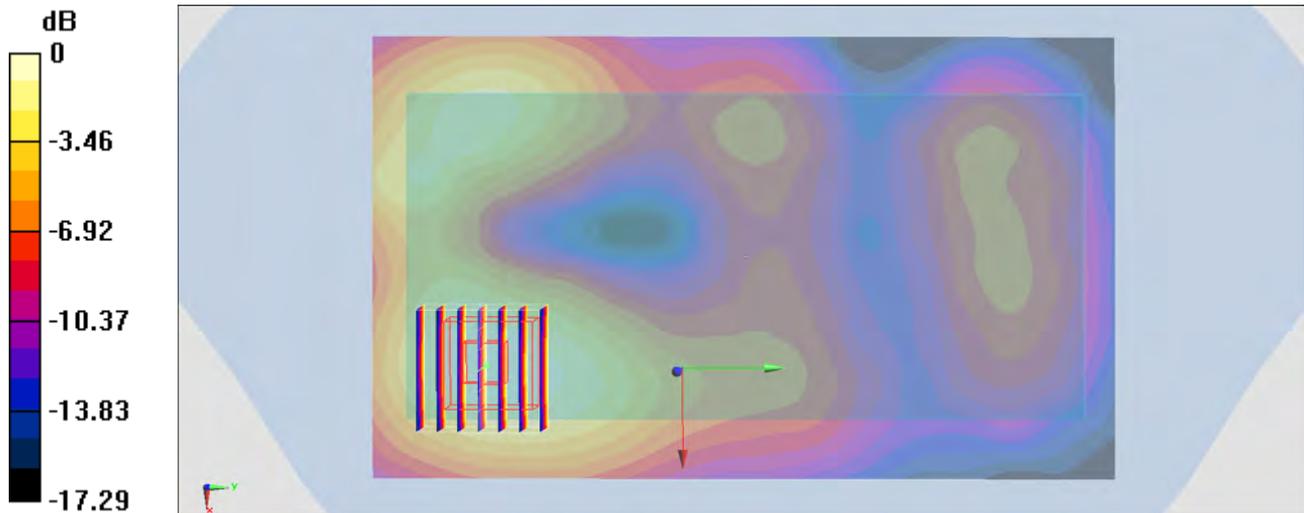Maximum value of SAR (interpolated) = 0.480 W/kg

Configuration/Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.62 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.585 W/kg
SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.177 W/kg
Maximum value of SAR (measured) = 0.477 W/kg

0 dB = 0.477 W/kg = -3.21 dBW/kg

#25_WLAN2.4GHz_802.11b 1Mbps_Front_15mm_Ch11

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1.019
Medium: MSL_2450_150527 Medium parameters used: f = 2462 MHz; σ = 2.026 mho/m; ε$_r$ = 53.365; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.29, 4.29, 4.29); Calibrated: 2014/9/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2014/12/29
- Phantom: SAM_Right; Type: QD000P40CC; Serial: TP:1383
- Measurement SW: DASY52, Version 52.8 (2);SEMCAD X Version 14.6.6 (6477)

Configuration/Ch11/Area Scan (81x151x1): Measurement grid: dx=12mm, dy=12mm
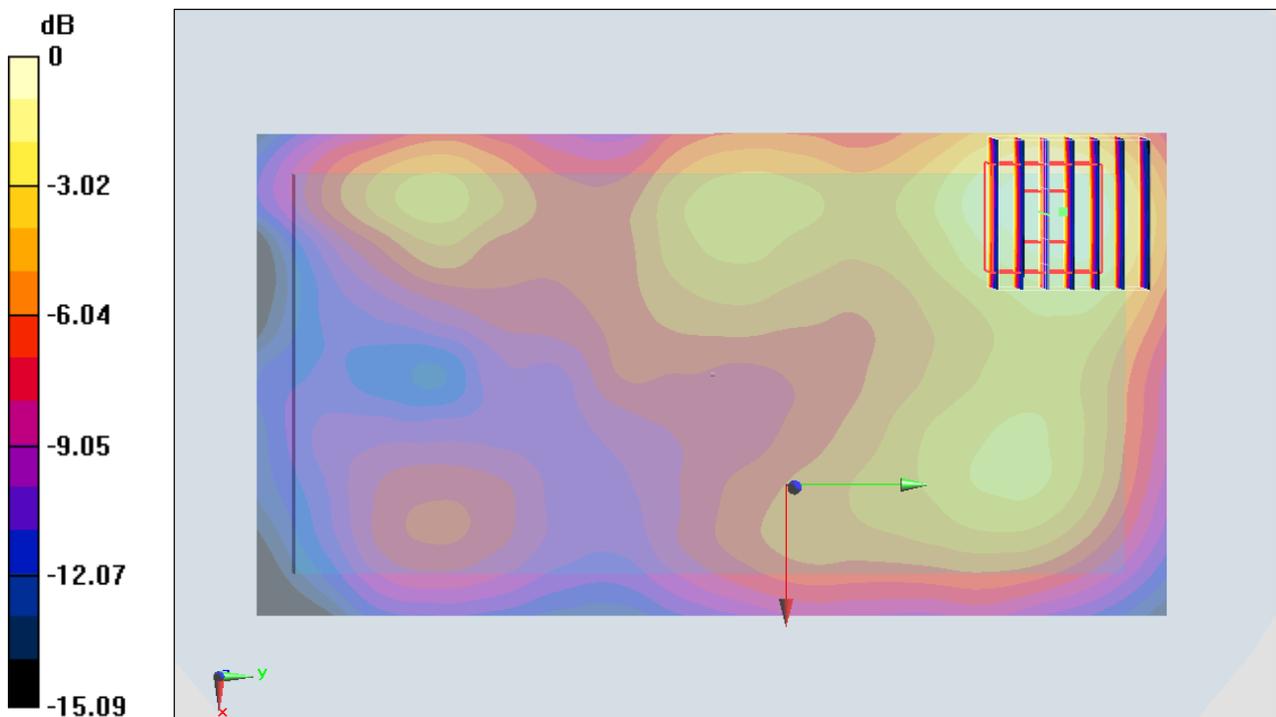Maximum value of SAR (interpolated) = 0.109 mW/g

Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.657 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.154 mW/g
SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.040 mW/g
Maximum value of SAR (measured) = 0.108 mW/g

0 dB = 0.108 mW/g = -19.33 dB mW/g

#26_WLAN5GHz_802.11n-HT40 MCS0_Back_15mm_Ch62

Communication System: 802.11n ; Frequency: 5310 MHz;Duty Cycle: 1:1.257
Medium: MSL_5G_150528 Medium parameters used : f = 5310 MHz; σ = 5.571 S/m; ε_r = 47.009; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3954; ConvF(4.15, 4.15, 4.15); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch62/Area Scan (101x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.123 W/kg

Configuration/Ch62/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.404 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.252 W/kg
SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.043 W/kg
Maximum value of SAR (measured) = 0.151 W/kg

0 dB = 0.151 W/kg = -8.21 dBW/kg

#137_WLAN5GHz_802.11n-HT40 MCS0_Front_15mm_Ch102

Communication System: 802.11n; Frequency: 5510 MHz;Duty Cycle: 1:1.257
Medium: MSL_5G_150713 Medium parameters used: f = 5510 MHz; σ = 5.809 S/m; ε_r = 47.153; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3954; ConvF(3.92, 3.92, 3.92); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2014/12/29
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch102/Area Scan (101x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
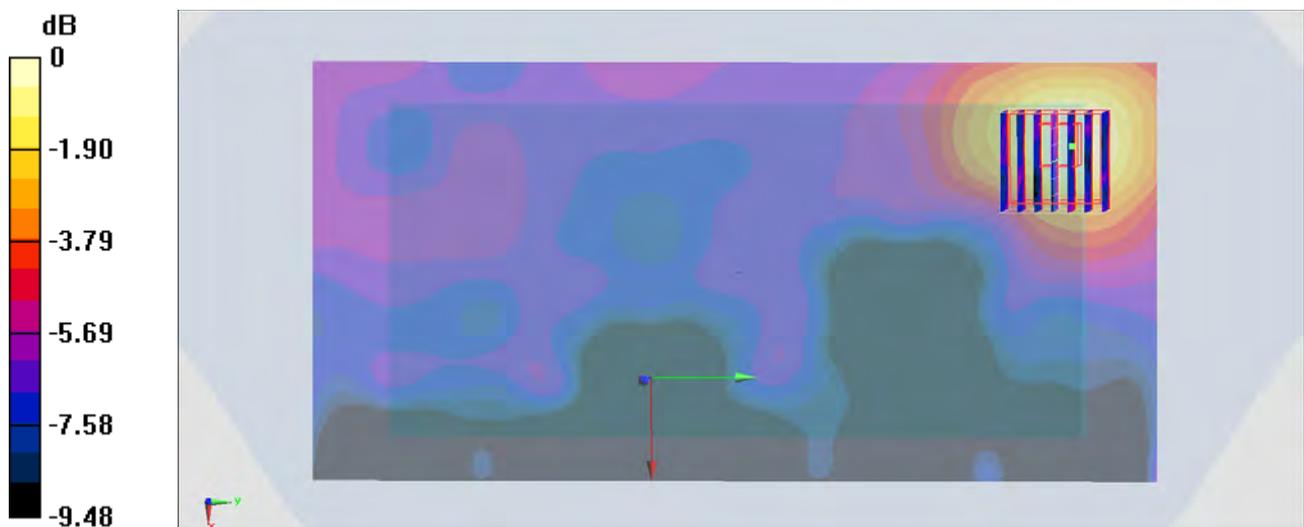Maximum value of SAR (interpolated) = 0.127 W/kg

Configuration/Ch102/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.418 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 0.185 W/kg
SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.036 W/kg
Maximum value of SAR (measured) = 0.125 W/kg

0 dB = 0.125 W/kg = -9.03 dBW/kg

#28_WLAN5GHz_802.11n-HT40 MCS0_Back_15mm_Ch159

Communication System: 802.11n ; Frequency: 5795 MHz;Duty Cycle: 1:1.257
Medium: MSL_5G_150528 Medium parameters used : f = 5795 MHz; σ = 6.18 S/m; ε_r = 46.217; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3954; ConvF(3.96, 3.96, 3.96); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch159/Area Scan (101x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0735 W/kg

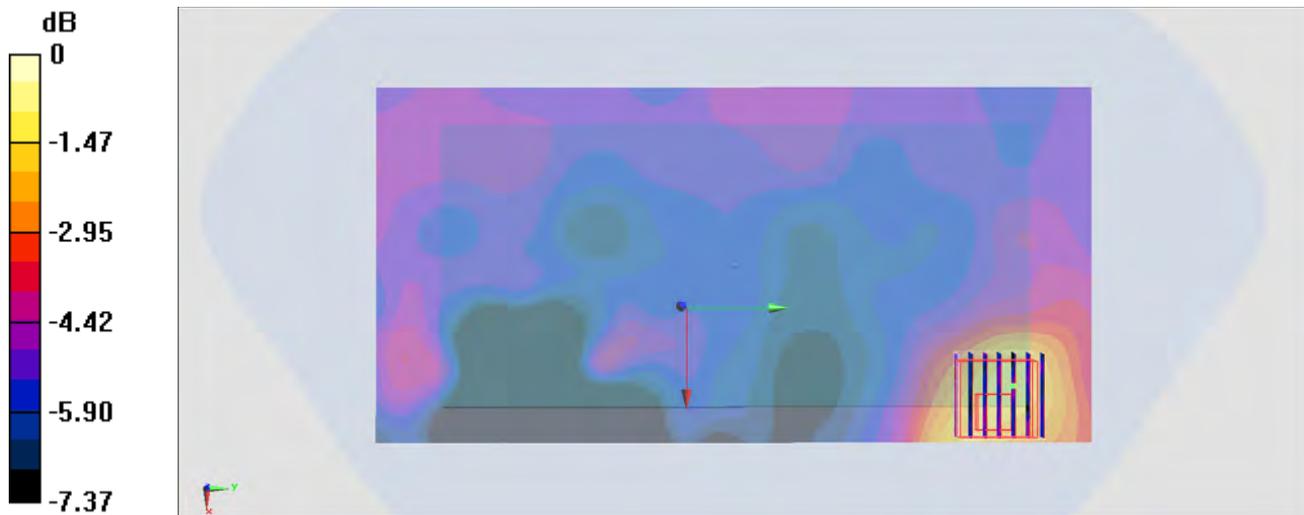**Configuration/Ch159/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 4.056 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.146 W/kg
SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.035 W/kg
Maximum value of SAR (measured) = 0.0939 W/kg

0 dB = 0.0939 W/kg = -10.27 dBW/kg