#01_GSM850_GPRS (4 Tx slots)_Right Cheek_Ch128

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: HSL_850_150206 Medium parameters used: f = 824.2 MHz; σ = 0.907 S/m; ε_r = 43.116; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(10.04, 10.04, 10.04); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch128/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
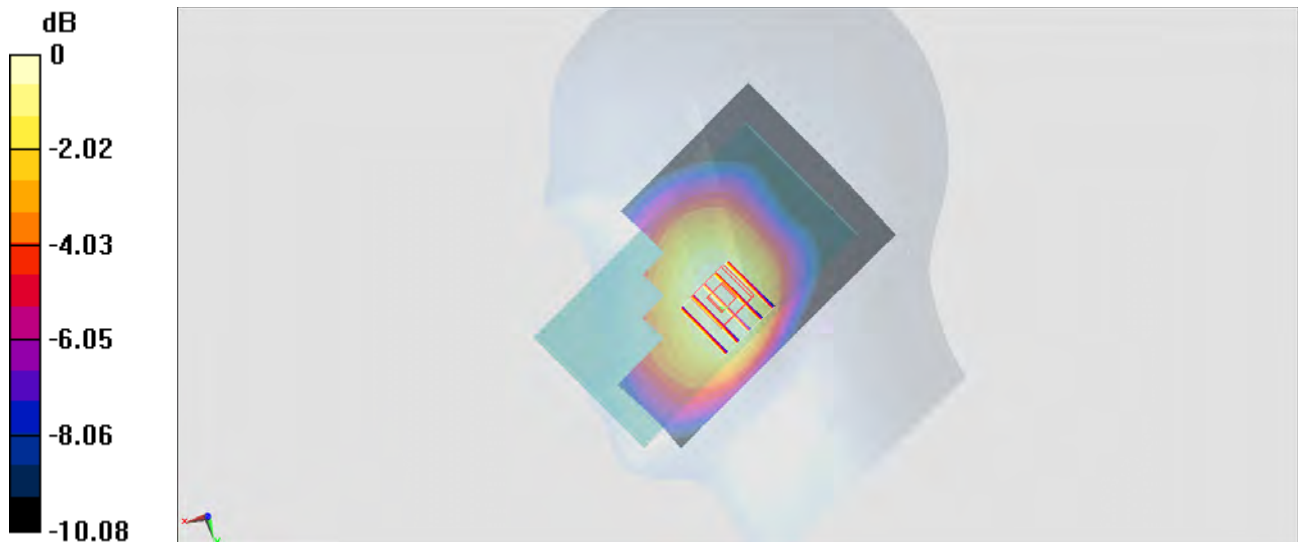Maximum value of SAR (interpolated) = 0.239 W/kg

Configuration/Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.555 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.261 W/kg
SAR(1 g) = 0.195 W/kg; SAR(10 g) = 0.150 W/kg
Maximum value of SAR (measured) = 0.233 W/kg

0 dB = 0.233 W/kg = -6.33 dBW/kg

#02_GSM1900_GPRS (4 Tx slots)_Left Cheek_Ch512

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: HSL_1900_150207 Medium parameters used: f = 1850.2 MHz; σ = 1.375 S/m; ε_r = 40.799; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(8.5, 8.5, 8.5); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch512/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
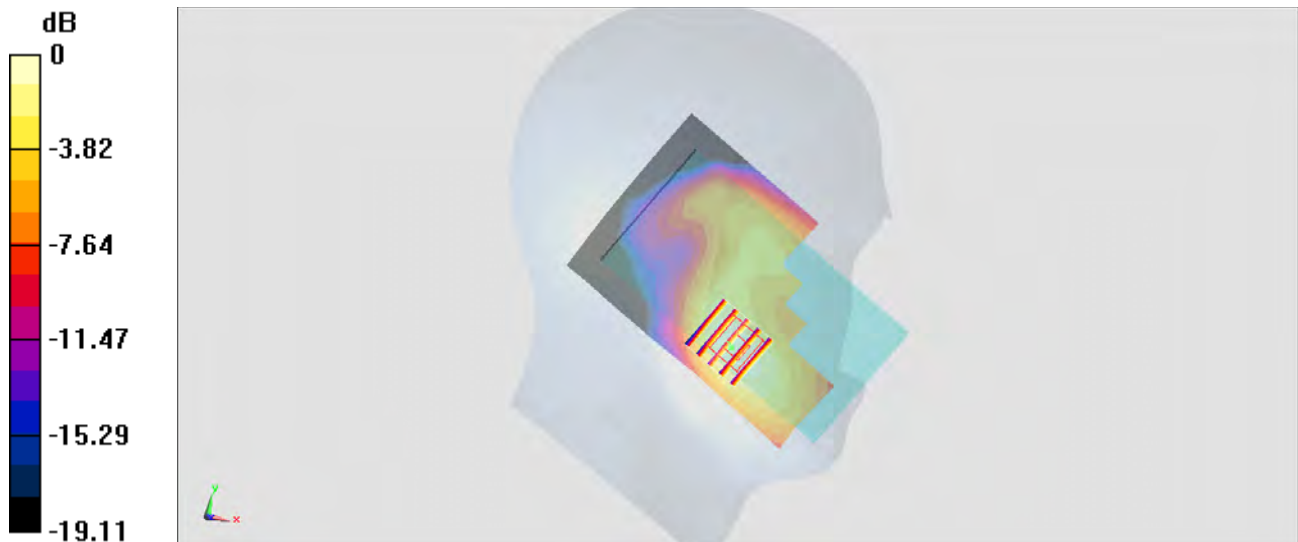Maximum value of SAR (interpolated) = 0.135 W/kg

Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.504 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.160 W/kg
SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.062 W/kg
Maximum value of SAR (measured) = 0.140 W/kg

0 dB = 0.140 W/kg = -8.54 dBW/kg

#03_WCDMA V_RMC 12.2Kbps_Right Cheek_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_850_150206 Medium parameters used: f = 836.4 MHz; σ = 0.919 S/m; ε_r = 42.964; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃；Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(10.04, 10.04, 10.04); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch4182/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
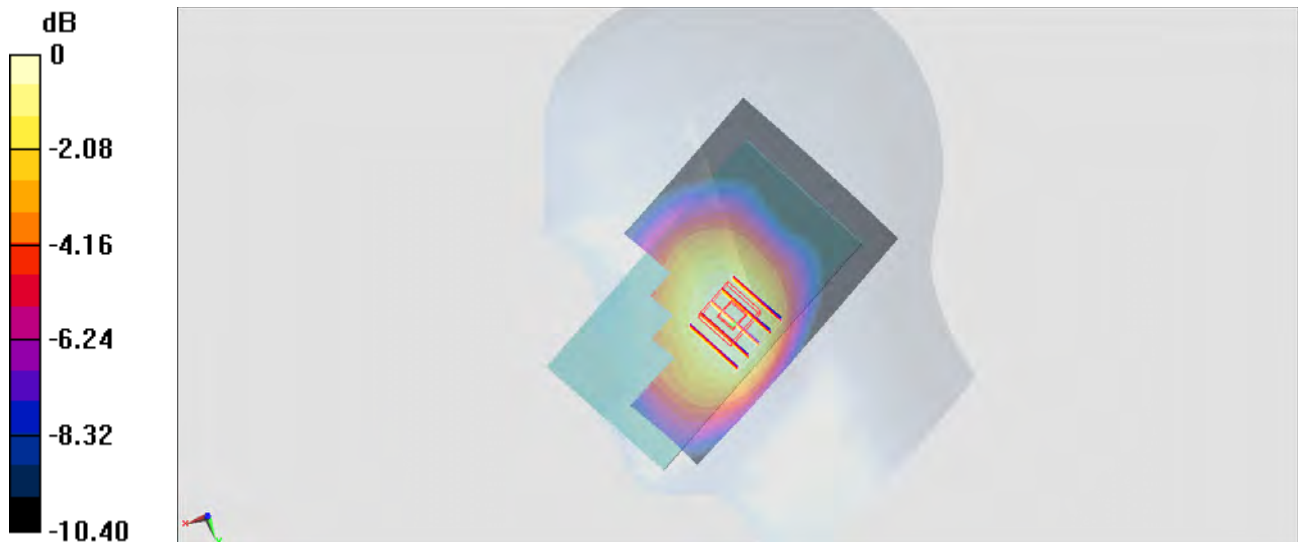Maximum value of SAR (interpolated) = 0.325 W/kg

Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.303 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.363 W/kg
SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.202 W/kg
Maximum value of SAR (measured) = 0.322 W/kg

0 dB = 0.322 W/kg = -4.92 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_150207 Medium parameters used: f = 1852.4 MHz; σ = 1.377 S/m; ε_r = 40.787; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(8.5, 8.5, 8.5); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch9262/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
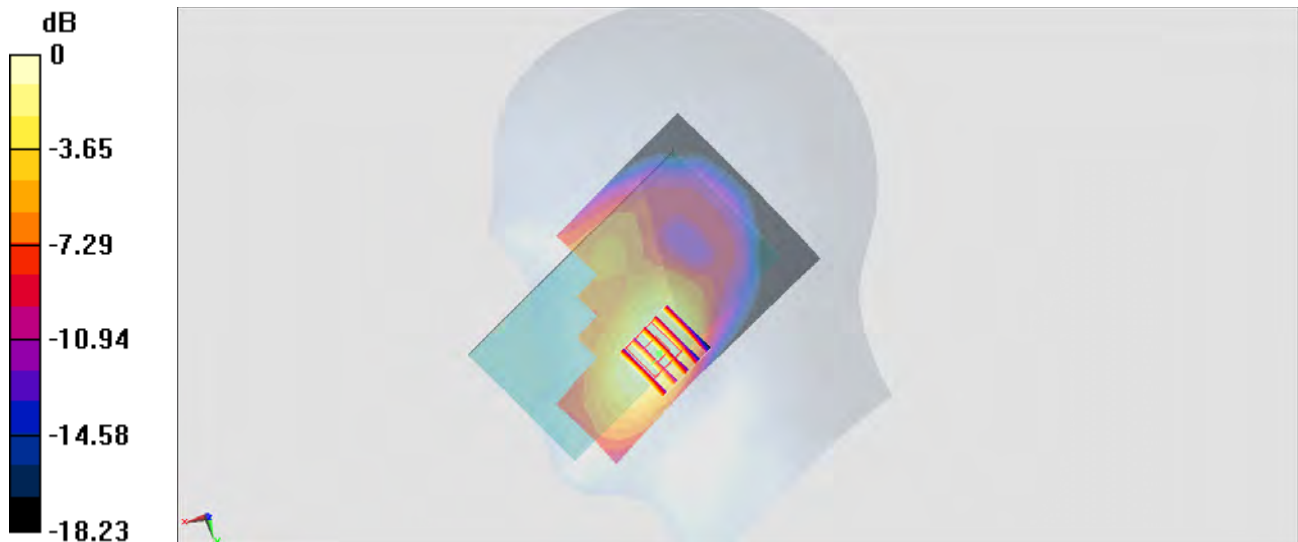Maximum value of SAR (interpolated) = 0.237 W/kg

Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.376 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.261 W/kg
SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.103 W/kg
Maximum value of SAR (measured) = 0.221 W/kg

0 dB = 0.221 W/kg = -6.56 dBW/kg

#05_LTE Band 5_10M_QPSK_1RB_0Offset_Right Cheek_Ch20525

Communication System: LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: HSL_850_150208 Medium parameters used : f = 836.5 MHz; σ = 0.907 S/m; ε_r = 42.949; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(10.04, 10.04, 10.04); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch20525/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
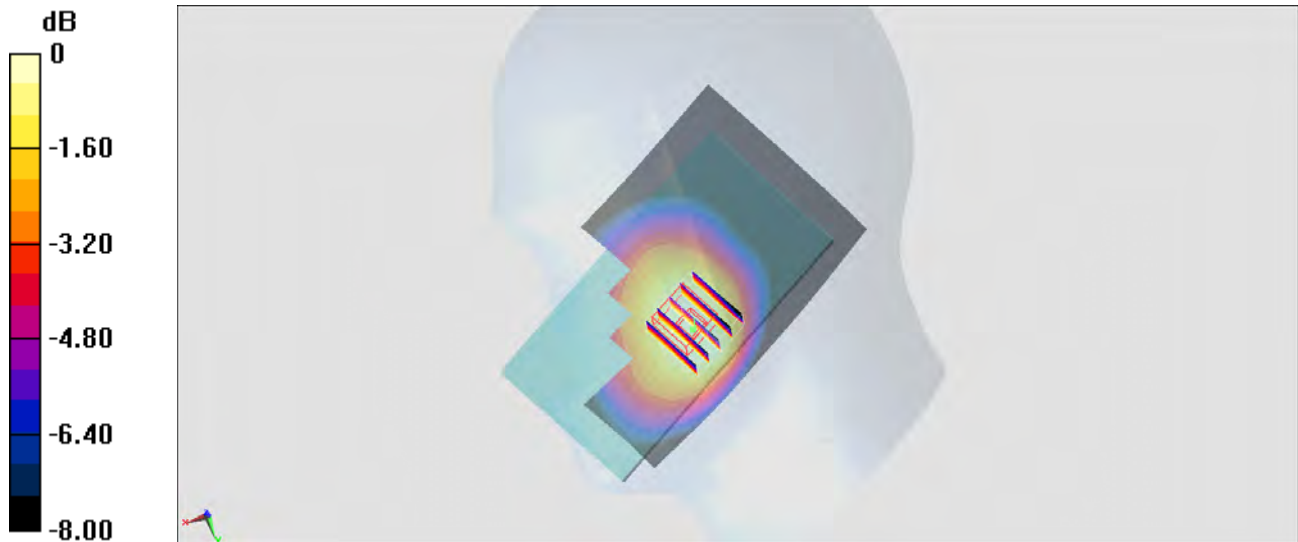Maximum value of SAR (interpolated) = 0.192 W/kg

Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.792 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.205 W/kg
SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.116 W/kg
Maximum value of SAR (measured) = 0.186 W/kg

0 dB = 0.186 W/kg = -7.30 dBW/kg

#06_LTE Band 7_20M_QPSK_1RB_0Offset_Left Cheek_Ch21350

Communication System: LTE ; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: HSL_2600_150208 Medium parameters used: f = 2560 MHz; σ = 2.005 S/m; ε_r = 38.241; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(7.21, 7.21, 7.21); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch21350/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.488 W/kg

Configuration/Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.555 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.559 W/kg
SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.149 W/kg
Maximum value of SAR (measured) = 0.454 W/kg

0 dB = 0.454 W/kg = -3.43 dBW/kg

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

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1.019
Medium: HSL_2450_150214 Medium parameters used: f = 2462 MHz; σ = 1.876 S/m; ε_r = 38.837; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(7.29, 7.29, 7.29); Calibrated: 2014/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM_Right; Type: SAM; Serial: 1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch11/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
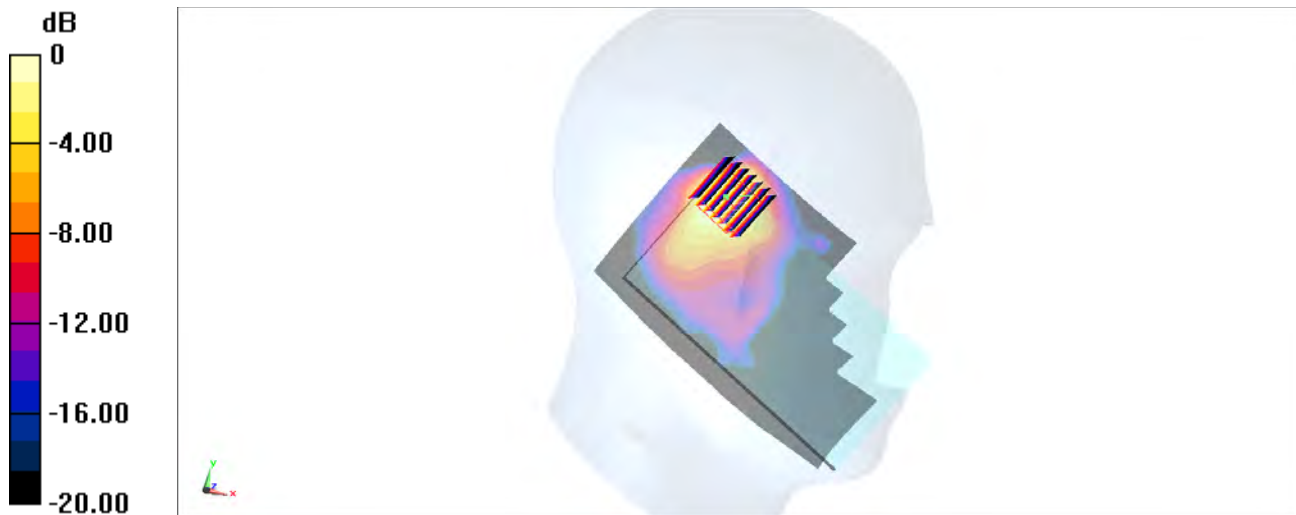Maximum value of SAR (interpolated) = 2.15 W/kg

Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.48 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.15 W/kg
SAR(1 g) = 0.904 W/kg; SAR(10 g) = 0.466 W/kg
Maximum value of SAR (measured) = 1.62 W/kg

0 dB = 1.62 W/kg = 2.10 dBW/kg

#08_WLAN5GHz_802.11a 6Mbps_Left Cheek_Ch48

Communication System: 802.11a ; Frequency: 5240 MHz;Duty Cycle: 1:1.122
Medium: HSL_5G_150116 Medium parameters used : f = 5240 MHz; σ = 4.861 S/m; $ε_r$ = 35.38; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3925; ConvF(5.31, 5.31, 5.31); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch48/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
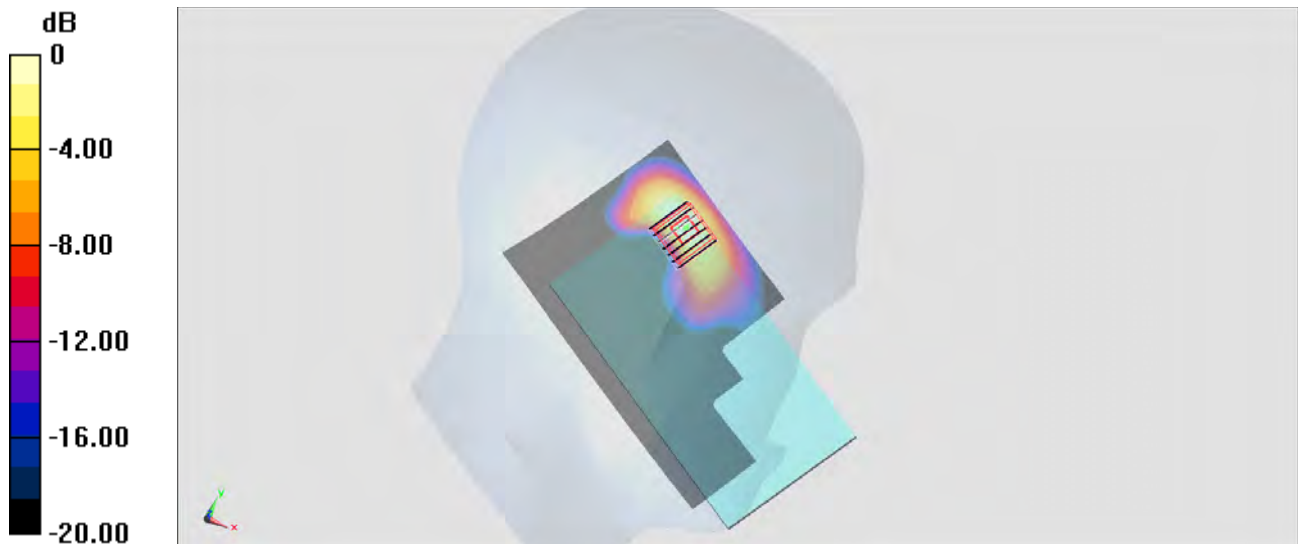Maximum value of SAR (interpolated) = 1.17 W/kg

Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 16.870 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.89 W/kg
SAR(1 g) = 0.456 W/kg; SAR(10 g) = 0.146 W/kg
Maximum value of SAR (measured) = 1.10 W/kg

0 dB = 1.10 W/kg = 0.41 dBW/kg

#09_WLAN5GHz_802.11a 6Mbps_Left Cheek_Ch64

Communication System: 802.11a; Frequency: 5320 MHz;Duty Cycle: 1:1.122
Medium: HSL_5G_150116 Medium parameters used: f = 5320 MHz; σ = 4.938 S/m; ε_r = 35.235; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3925; ConvF(5.09, 5.09, 5.09); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch64/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
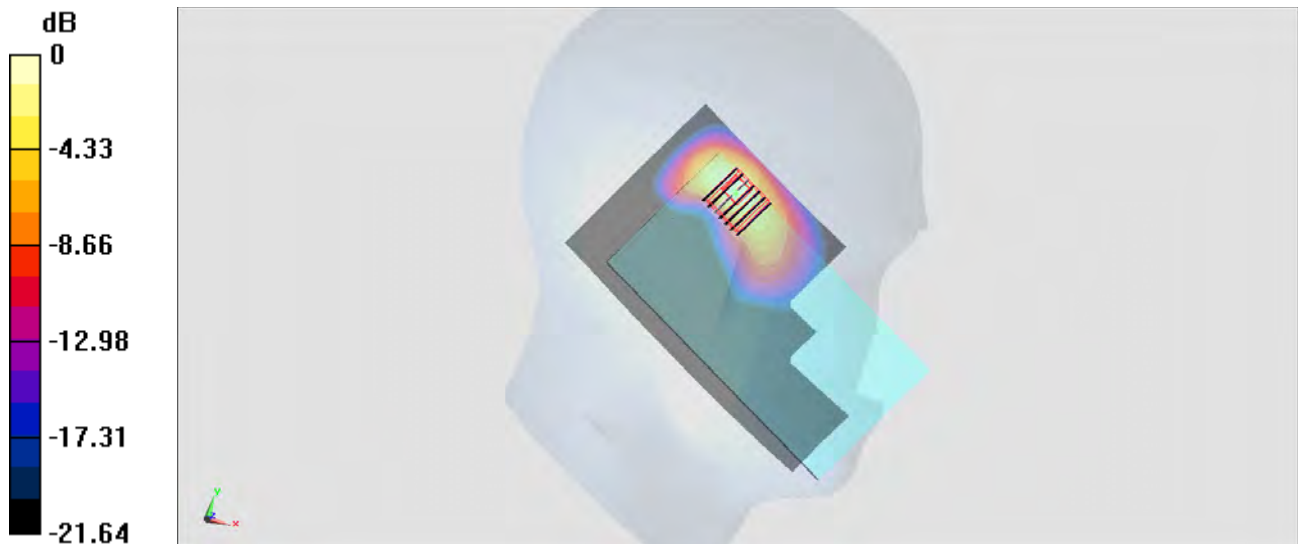Maximum value of SAR (interpolated) = 1.27 W/kg

Configuration/Ch64/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 16.873 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.31 W/kg
SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.169 W/kg
Maximum value of SAR (measured) = 1.39 W/kg

0 dB = 1.39 W/kg = 1.43 dBW/kg

#10_WLAN5GHz_802.11a 6Mbps_Left Cheek_Ch132

Communication System: 802.11a ; Frequency: 5660 MHz;Duty Cycle: 1:1.122
Medium: HSL_5G_150116 Medium parameters used : f = 5660 MHz; σ = 5.289 S/m; ε_r = 34.585; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3925; ConvF(4.69, 4.69, 4.69); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch132/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.22 W/kg

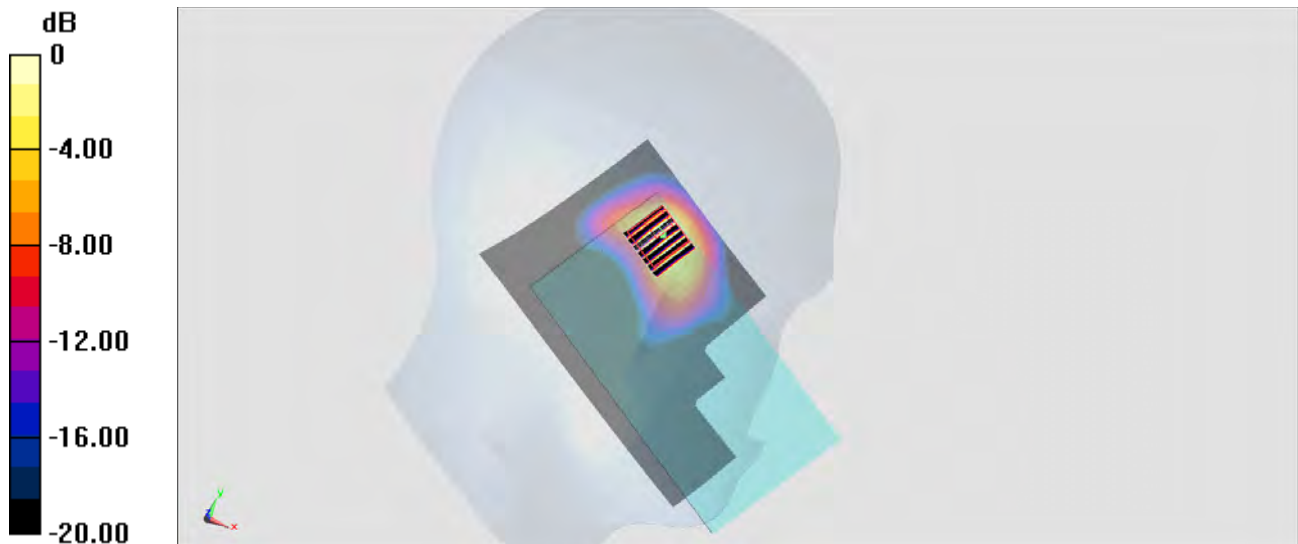**Configuration/Ch132/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 21.187 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 3.56 W/kg
SAR(1 g) = 0.837 W/kg; SAR(10 g) = 0.256 W/kg
Maximum value of SAR (measured) = 2.00 W/kg

0 dB = 2.00 W/kg = 3.01 dBW/kg

#11_WLAN5GHz_802.11a 6Mbps_Left Cheek_Ch153

Communication System: 802.11a; Frequency: 5765 MHz;Duty Cycle: 1:1.122
Medium: HSL_5G_150118 Medium parameters used: f = 5765 MHz; σ = 5.398 S/m; ε_r = 34.415; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃；Liquid Temperature：22.2 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3925; ConvF(4.63, 4.63, 4.63); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch153/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.53 W/kg

Configuration/Ch153/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 17.81 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 2.68 W/kg
SAR(1 g) = 0.632 W/kg; SAR(10 g) = 0.199 W/kg
Maximum value of SAR (measured) = 1.50 W/kg

0 dB = 1.50 W/kg = 1.76 dBW/kg

#12_GSM850_GPRS (4 Tx slots)_Back_1cm_Ch128

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_150204 Medium parameters used: f = 824.2 MHz; σ = 0.967 S/m; ε_r = 55.443; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(10.03, 10.03, 10.03); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch128/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
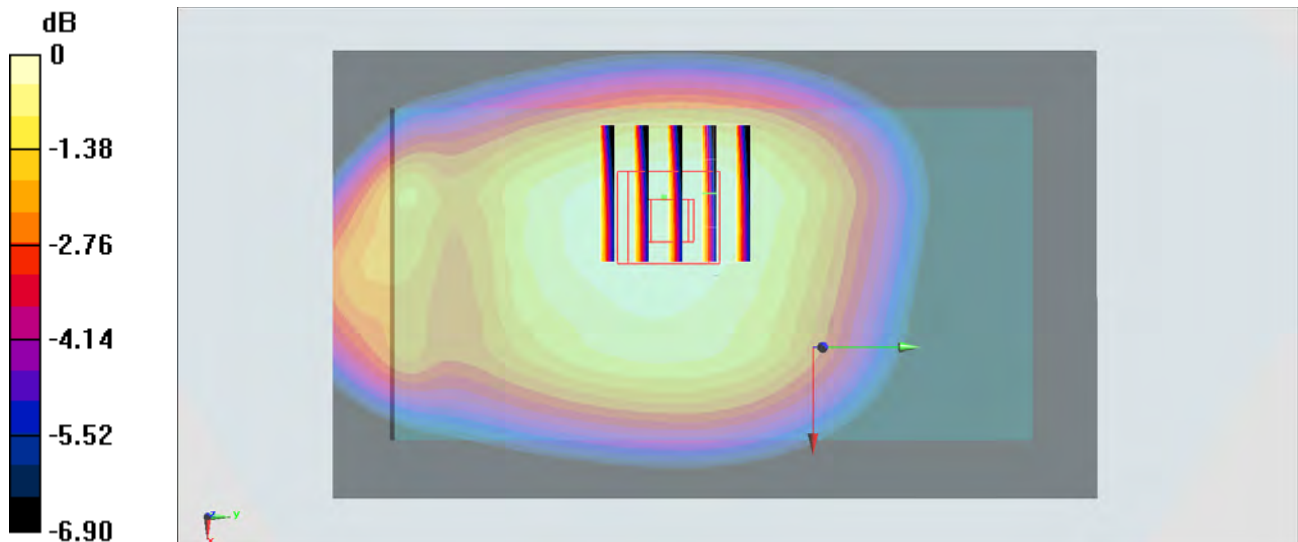Maximum value of SAR (interpolated) = 0.570 W/kg

Configuration/Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.145 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.623 W/kg
SAR(1 g) = 0.465 W/kg; SAR(10 g) = 0.358 W/kg
Maximum value of SAR (measured) = 0.561 W/kg

0 dB = 0.561 W/kg = -2.51 dBW/kg

#13_GSM1900_GPRS (4 Tx slots)_Bottom Side_1cm_Ch512

Communication System: PCS ; Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_150131 Medium parameters used: f = 1850.2 MHz; σ = 1.487 S/m; ε_r = 54.123;
ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(7.89, 7.89, 7.89); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch512/Area Scan (41x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.34 W/kg

Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
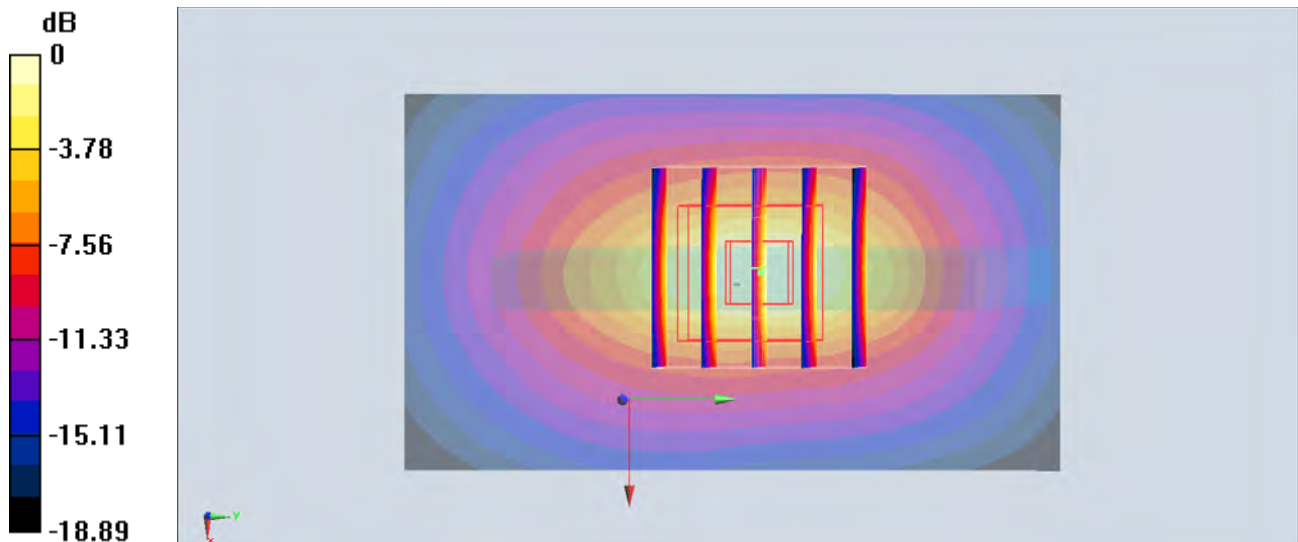Reference Value = 31.774 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 0.885 W/kg; SAR(10 g) = 0.444 W/kg
Maximum value of SAR (measured) = 1.34 W/kg

0 dB = 1.34 W/kg = 1.27 dBW/kg

#14_WCDMA V_RMC 12.2Kbps_Right Side_1cm_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_150204 Medium parameters used: f = 836.4 MHz; σ = 0.98 S/m; ε_r = 55.335; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(10.03, 10.03, 10.03); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch4182/Area Scan (41x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
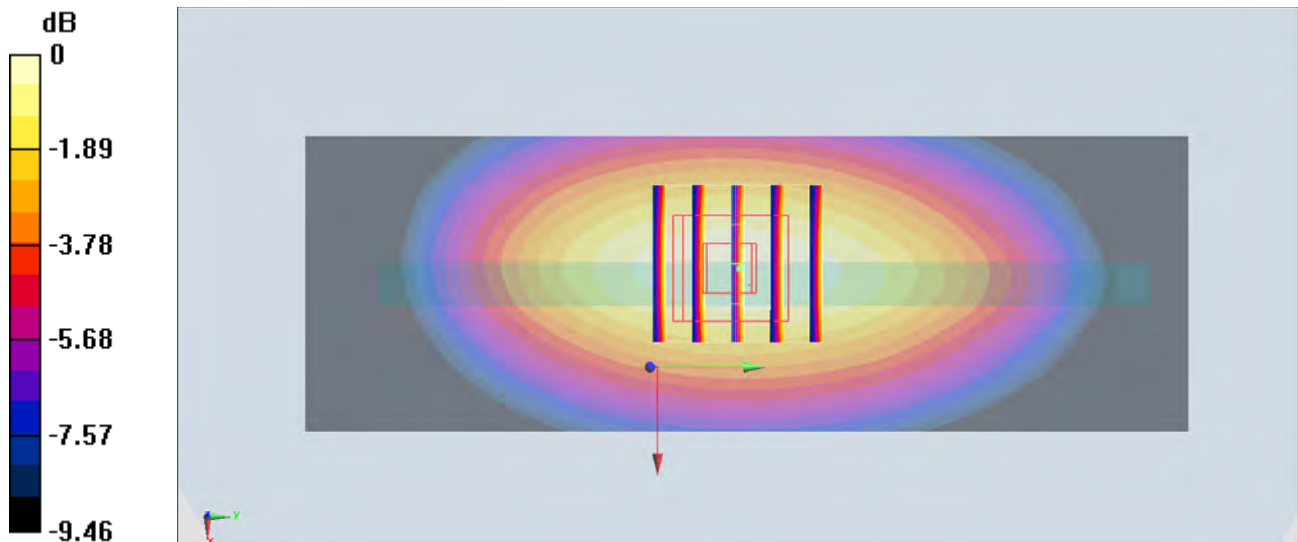Maximum value of SAR (interpolated) = 0.536 W/kg

Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.331 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.607 W/kg
SAR(1 g) = 0.413 W/kg; SAR(10 g) = 0.287 W/kg
Maximum value of SAR (measured) = 0.535 W/kg

0 dB = 0.535 W/kg = -2.72 dBW/kg

#15_WCDMA II_RMC 12.2Kbps_Bottom Side_1cm_Ch9262

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_150130 Medium parameters used: f = 1852.4 MHz; σ = 1.495 S/m; ε$_r$ = 53.964;
ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(4.7, 4.7, 4.7); Calibrated: 2014/9/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2014/8/21
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch9262/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.57 W/kg

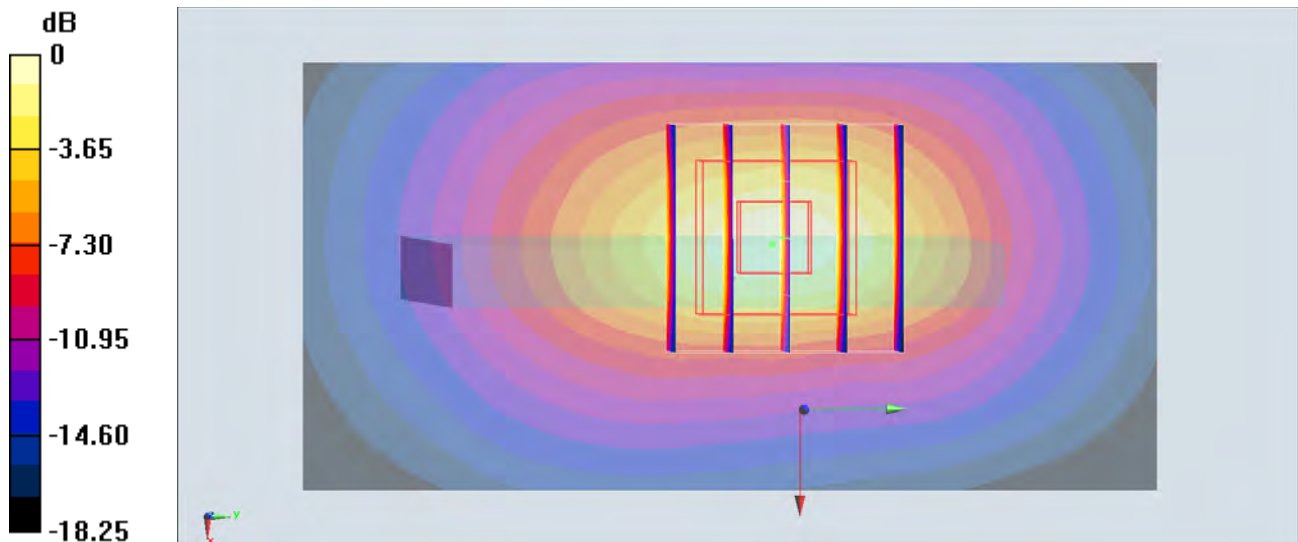**Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,
dz=5mm
Reference Value = 36.142 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.10 W/kg
SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.581 W/kg
Maximum value of SAR (measured) = 1.64 W/kg

0 dB = 1.64 W/kg = 2.15 dBW/kg

#16_LTE Band 5_10M_QPSK_1RB_0Offset_Back_1cm_Ch20525

Communication System: LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: MSL_850_150207 Medium parameters used: f = 836.5 MHz; σ = 0.983 S/m; ε_r = 55.033; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃；Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(10.03, 10.03, 10.03); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch20525/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
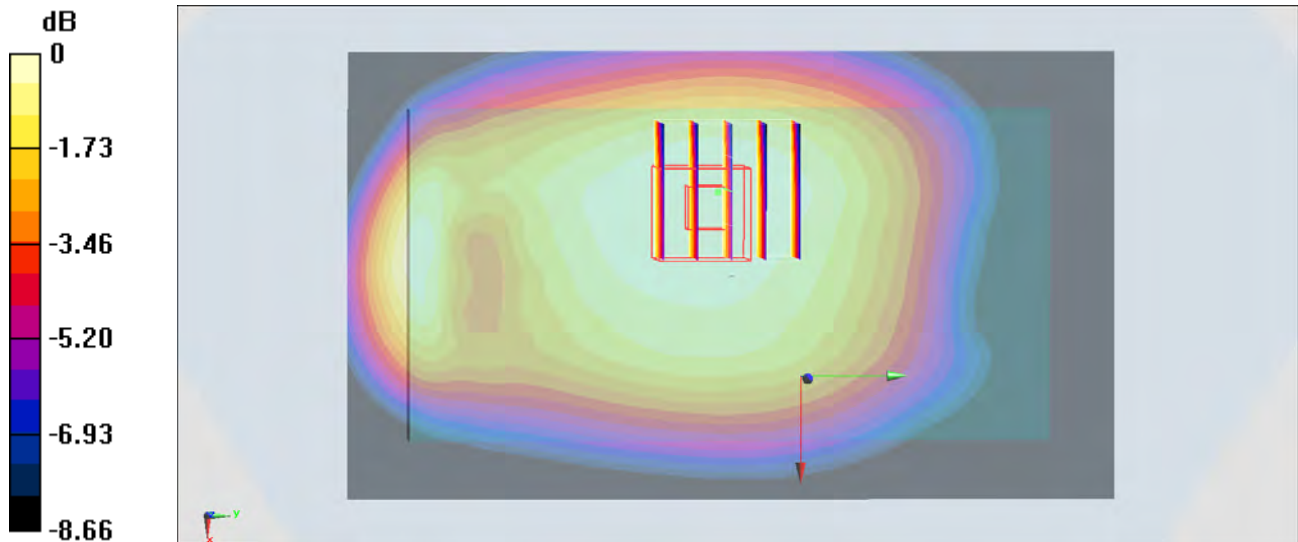Maximum value of SAR (interpolated) = 0.451 W/kg

Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.164 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.483 W/kg
SAR(1 g) = 0.360 W/kg; SAR(10 g) = 0.278 W/kg
Maximum value of SAR (measured) = 0.438 W/kg

0 dB = 0.438 W/kg = -3.59 dBW/kg

#17_LTE Band 7_20M_QPSK_50RB_0offset_Bottom Side_1cm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_150131 Medium parameters used: f = 2560 MHz; σ = 2.179 S/m; ε_r = 52.448; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(7.09, 7.09, 7.09); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch21350/Area Scan (41x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
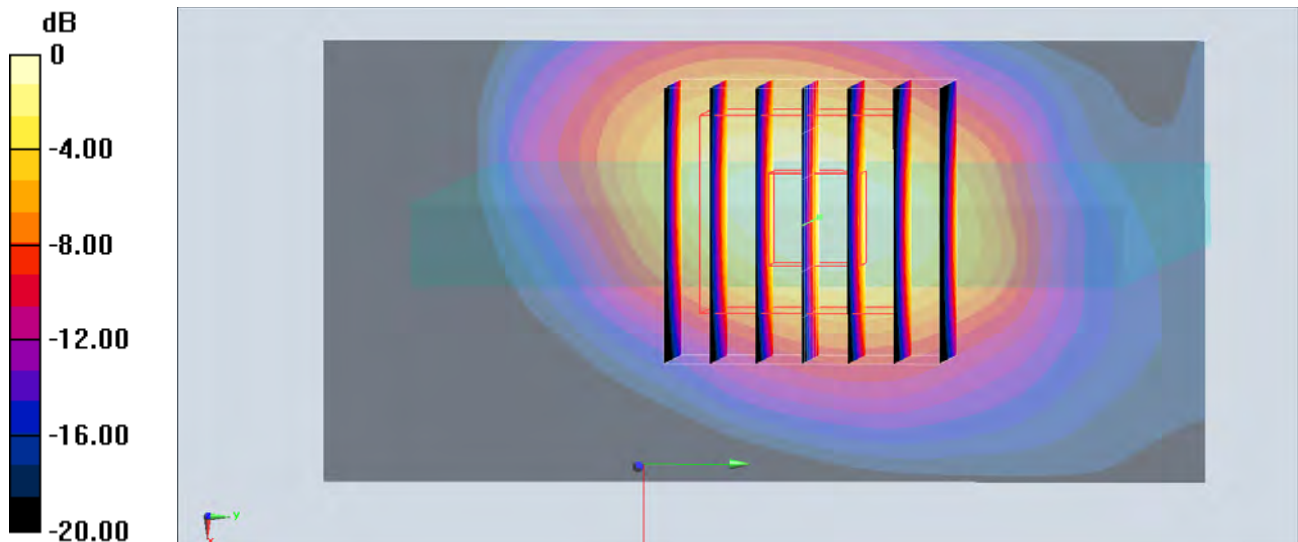Maximum value of SAR (interpolated) = 1.64 W/kg

Configuration/Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.847 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.83 W/kg
SAR(1 g) = 0.830 W/kg; SAR(10 g) = 0.362 W/kg
Maximum value of SAR (measured) = 1.45 W/kg

0 dB = 1.45 W/kg = 1.61 dBW/kg

#18_WLAN2.4GHz_802.11b 1Mbps_Back_1cm_Ch11

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1.019
Medium: MSL_2450_150214 Medium parameters used: f = 2462 MHz; σ = 2.031 S/m; ε_r = 51.768; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃; Liquid Temperature：22.7 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(7.36, 7.36, 7.36); Calibrated: 2014/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch11/Area Scan (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
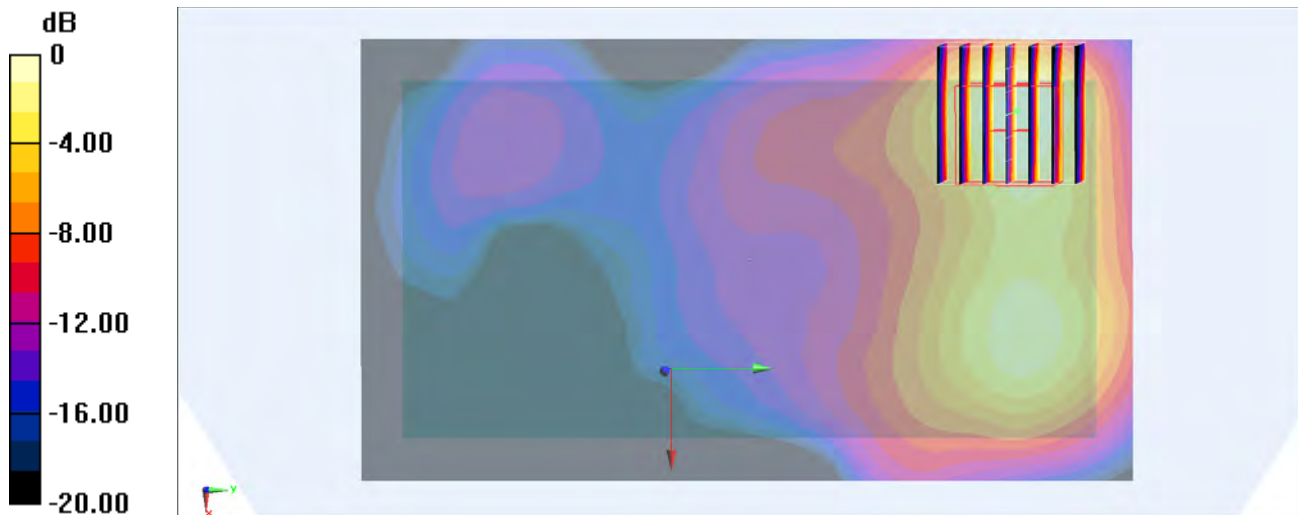Maximum value of SAR (interpolated) = 0.501 W/kg

Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.08 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.558 W/kg
SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.121 W/kg
Maximum value of SAR (measured) = 0.427 W/kg

0 dB = 0.427 W/kg = -3.70 dBW/kg

#19_WLAN5GHz_802.11a 6Mbps_Right Side_1cm_Ch48

Communication System: 802.11a ; Frequency: 5240 MHz;Duty Cycle: 1:1.122
Medium: MSL_5G_150119 Medium parameters used: f = 5240 MHz; σ = 5.357 S/m; ε_r = 47.576; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3925; ConvF(4.53, 4.53, 4.53); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch48/Area Scan (61x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
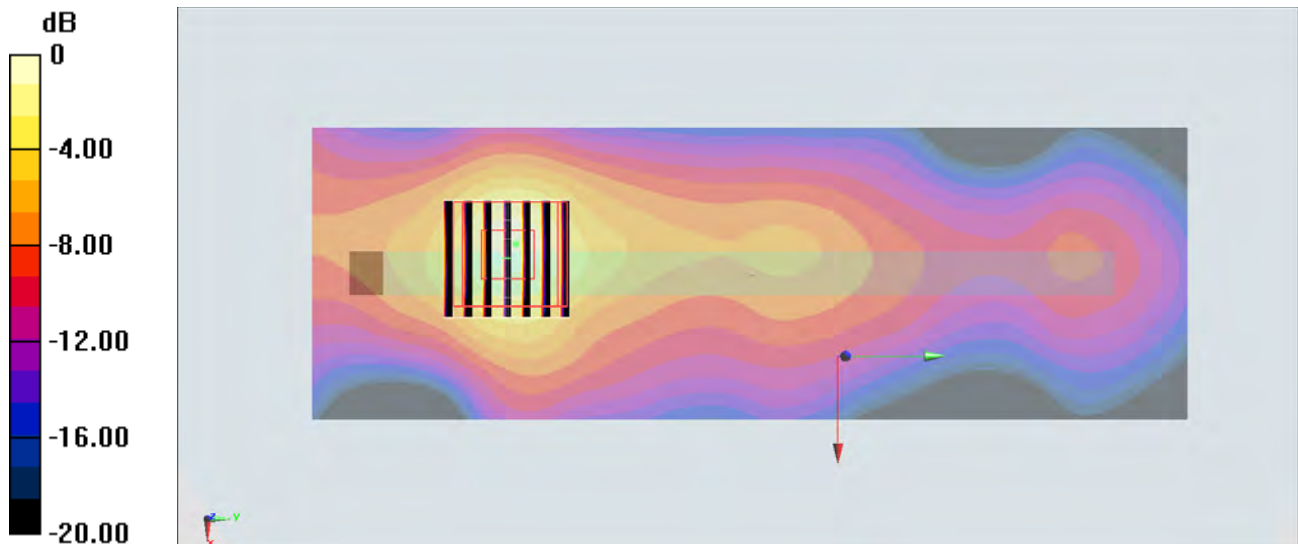Maximum value of SAR (interpolated) = 0.346 W/kg

Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 9.345 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.660 W/kg
SAR(1 g) = 0.170 W/kg; SAR(10 g) = 0.062 W/kg
Maximum value of SAR (measured) = 0.389 W/kg

0 dB = 0.389 W/kg = -4.10 dBW/kg

#20_LTE Band 7_20M_QPSK_1RB_0offset_Back_0cm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_150131 Medium parameters used: f = 2560 MHz; σ = 2.179 S/m; ε_r = 52.448; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(7.09, 7.09, 7.09); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch21350/Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
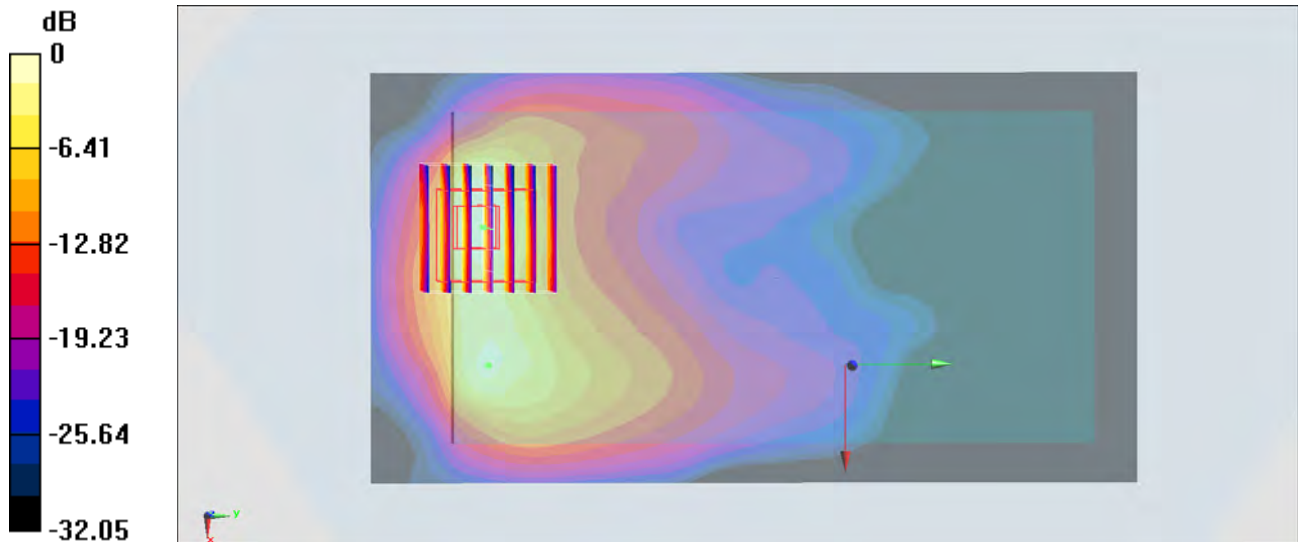Maximum value of SAR (interpolated) = 20.0 W/kg

Configuration/Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 94.724 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 28.2 W/kg
SAR(1 g) = 8.1 W/kg; SAR(10 g) = 3.05 W/kg
Maximum value of SAR (measured) = 18.4 W/kg

0 dB = 18.4 W/kg = 12.65 dBW/kg

#21_GSM850_GPRS (4 Tx slots)_Back_1.5cm_Ch128

Communication System: GSM850; Frequency: 824.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_850_150204 Medium parameters used: f = 824.2 MHz; σ = 0.967 S/m; ε$_r$ = 55.443; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(10.03, 10.03, 10.03); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch128/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
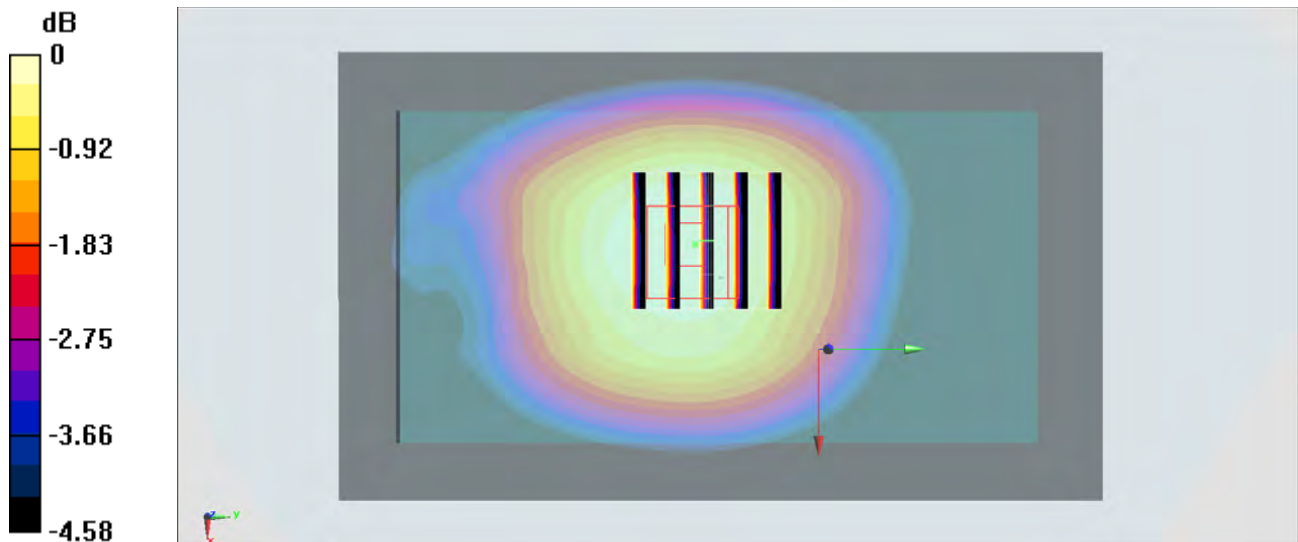Maximum value of SAR (interpolated) = 0.480 W/kg

Configuration/Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.288 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.527 W/kg
SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.309 W/kg
Maximum value of SAR (measured) = 0.481 W/kg

0 dB = 0.481 W/kg = -3.18 dBW/kg

#22_GSM1900_GPRS (4 Tx slots)_Back_1.5cm_Ch512

Communication System: PCS；Frequency: 1850.2 MHz;Duty Cycle: 1:2.08
Medium: MSL_1900_150131 Medium parameters used: f = 1850.2 MHz; σ = 1.487 S/m; ε$_r$ = 54.123;
ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(7.89, 7.89, 7.89); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch512/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.313 W/kg

Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm,
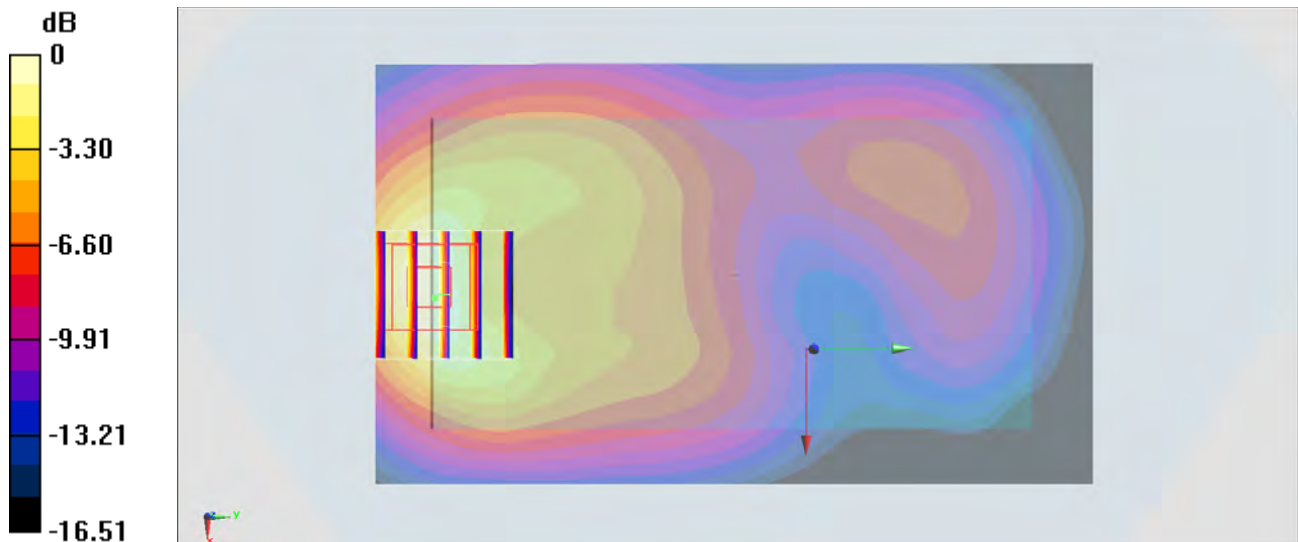dz=5mm
Reference Value = 15.134 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.361 W/kg
SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.127 W/kg
Maximum value of SAR (measured) = 0.311 W/kg

0 dB = 0.311 W/kg = -5.07 dBW/kg

#23_WCDMA V_RMC 12.2Kbps_Back_1.5cm_Ch4182

Communication System: WCDMA; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_150204 Medium parameters used: f = 836.4 MHz; σ = 0.98 S/m; ϵ_r = 55.335; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(10.03, 10.03, 10.03); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch4182/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
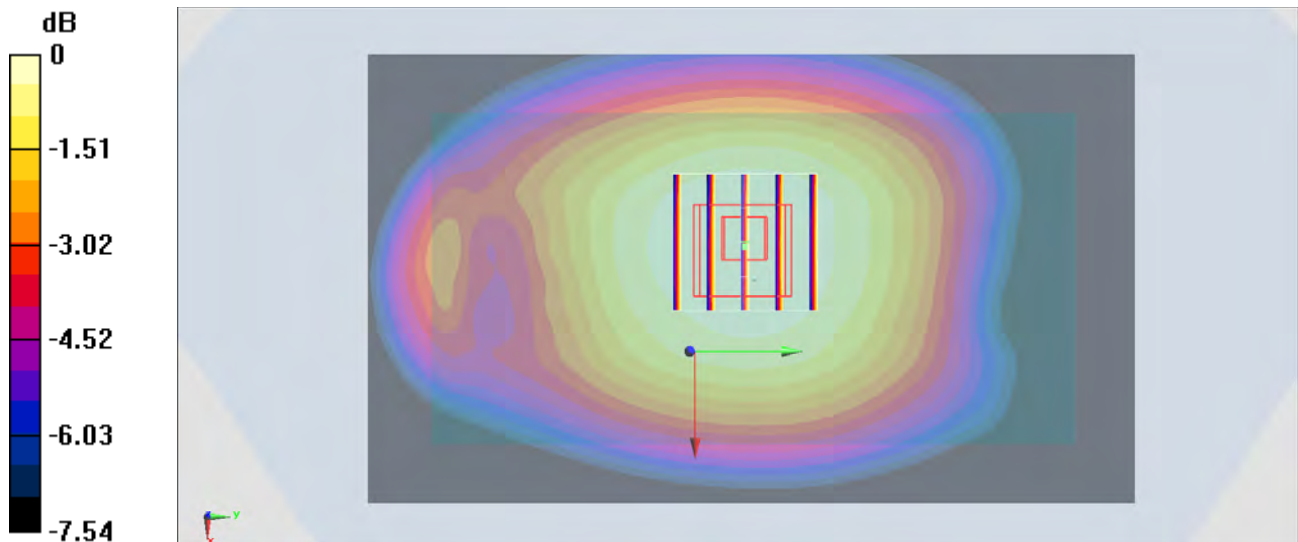Maximum value of SAR (interpolated) = 0.455 W/kg

Configuration/Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.475 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.498 W/kg
SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.292 W/kg
Maximum value of SAR (measured) = 0.455 W/kg

0 dB = 0.455 W/kg = -3.42 dBW/kg

#24_WCDMA II_RMC 12.2Kbps_Back_1.5cm_Ch9262

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_150130 Medium parameters used: f = 1852.4 MHz; σ = 1.495 S/m; ε_r = 53.964; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration
- Probe: ES3DV3 - SN3270; ConvF(4.7, 4.7, 4.7); Calibrated: 2014/9/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2014/8/21
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch9262/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.473 W/kg

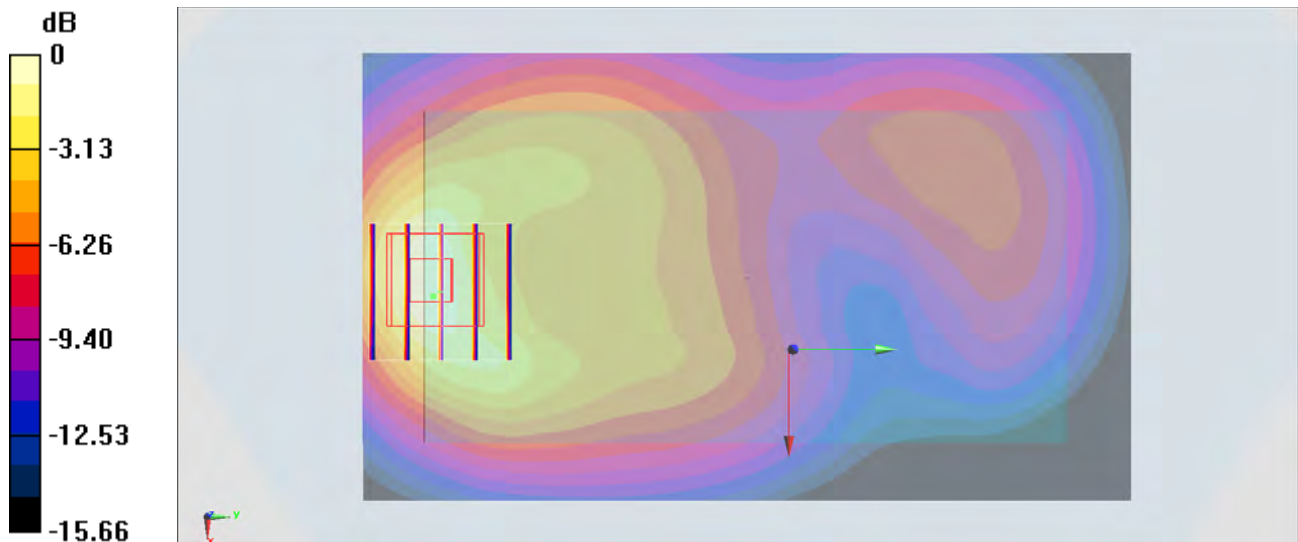**Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.530 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.605 W/kg
SAR(1 g) = 0.360 W/kg; SAR(10 g) = 0.205 W/kg
Maximum value of SAR (measured) = 0.483 W/kg

0 dB = 0.483 W/kg = -3.16 dBW/kg

#25_LTE Band 5_10M_QPSK_1RB_0Offset_Back_1.5cm_Ch20525

Communication System: LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: MSL_850_150207 Medium parameters used: f = 836.5 MHz; σ = 0.983 S/m; ε_r = 55.033; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(10.03, 10.03, 10.03); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch20525/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
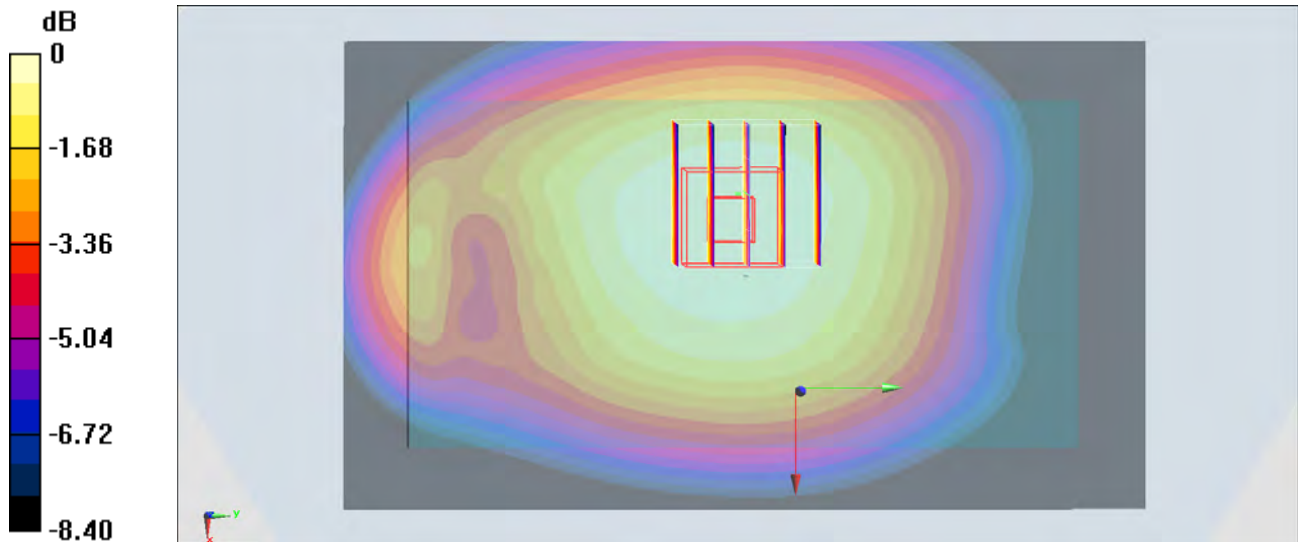Maximum value of SAR (interpolated) = 0.355 W/kg

Configuration/Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.674 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.386 W/kg
SAR(1 g) = 0.290 W/kg; SAR(10 g) = 0.224 W/kg
Maximum value of SAR (measured) = 0.350 W/kg

0 dB = 0.350 W/kg = -4.56 dBW/kg

#26_LTE Band 7_20M_QPSK_1RB_0offset_Back_1.5cm_Ch21350

Communication System: LTE; Frequency: 2560 MHz;Duty Cycle: 1:1
Medium: MSL_2600_150131 Medium parameters used: f = 2560 MHz; σ = 2.179 S/m; ε_r = 52.448; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：22.5 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3955; ConvF(7.09, 7.09, 7.09); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch21350/Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
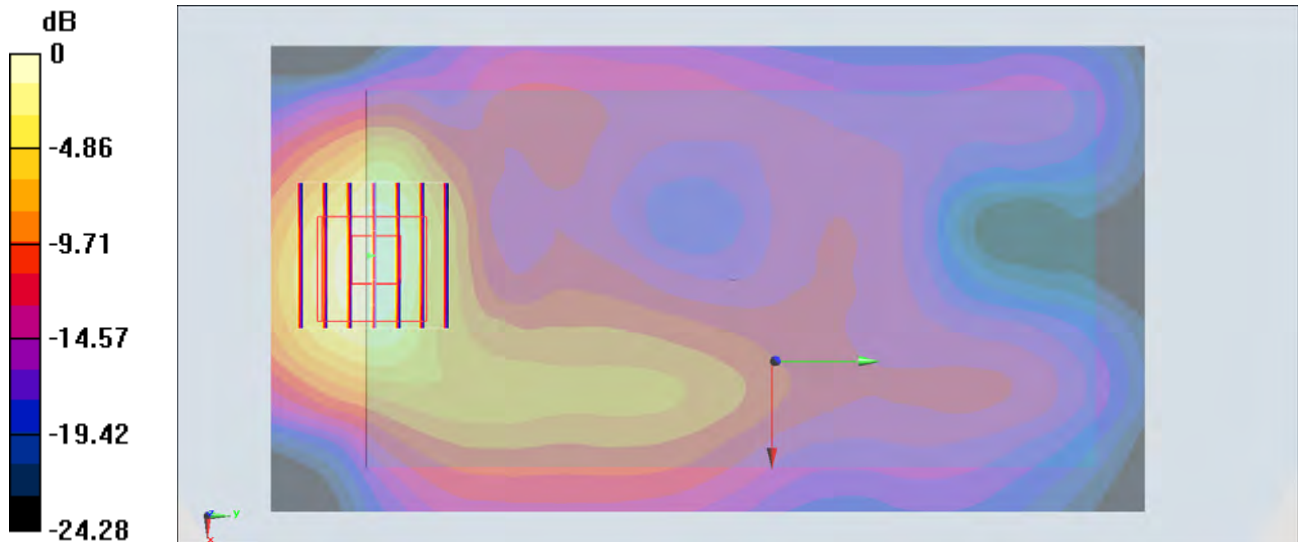Maximum value of SAR (interpolated) = 1.55 W/kg

Configuration/Ch21350/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.074 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.84 W/kg
SAR(1 g) = 0.913 W/kg; SAR(10 g) = 0.430 W/kg
Maximum value of SAR (measured) = 1.47 W/kg

0 dB = 1.47 W/kg = 1.67 dBW/kg

#27_WLAN2.4GHz_802.11b 1Mbps_Back_1.5cm_Ch11

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1.019
Medium: MSL_2450_150214 Medium parameters used: f = 2462 MHz; σ = 2.031 S/m; ε_r = 51.768; ρ = 1000 kg/m^3
Ambient Temperature：23.7 ℃；Liquid Temperature：22.7 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3931; ConvF(7.36, 7.36, 7.36); Calibrated: 2014/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch11/Area Scan (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
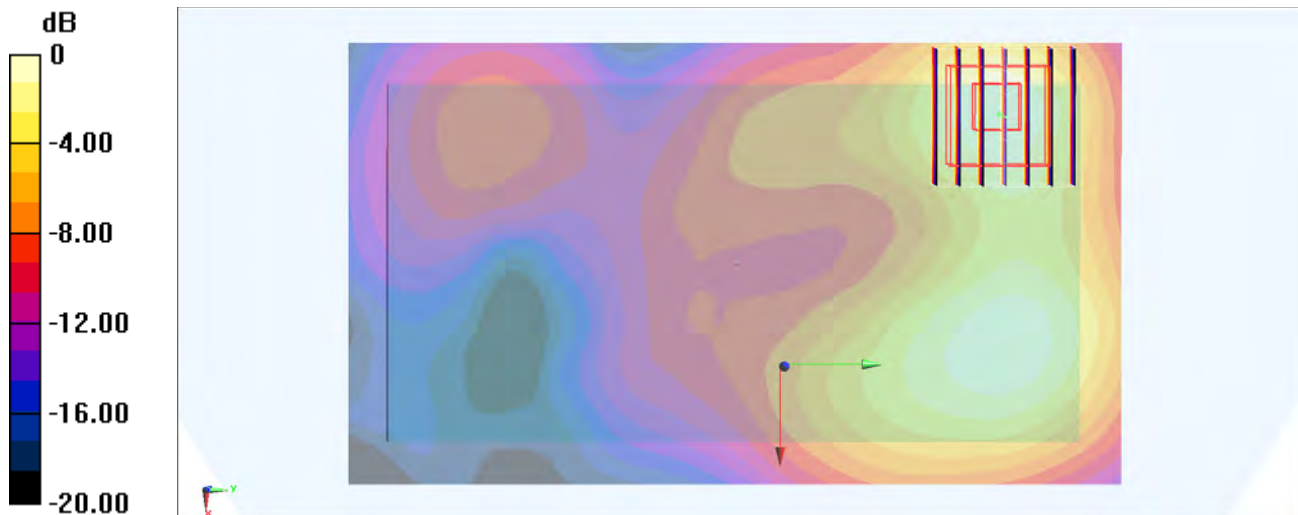Maximum value of SAR (interpolated) = 0.207 W/kg

Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.06 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.248 W/kg
SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.063 W/kg
Maximum value of SAR (measured) = 0.194 W/kg

0 dB = 0.194 W/kg = -7.12 dBW/kg

#28_WLAN5GHz_802.11a 6Mbps_Back_1.5cm_Ch48

Communication System: 802.11a; Frequency: 5240 MHz;Duty Cycle: 1:1.122
Medium: MSL_5G_150119 Medium parameters used: f = 5240 MHz; σ = 5.357 S/m; ε_r = 47.576; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3925; ConvF(4.53, 4.53, 4.53); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch48/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
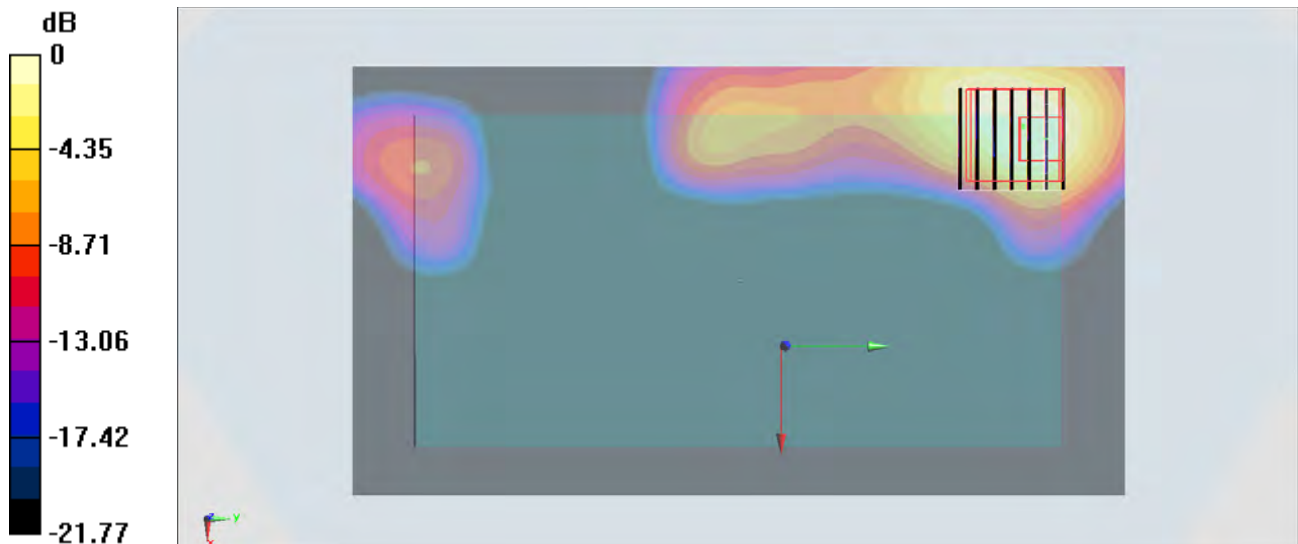Maximum value of SAR (interpolated) = 0.233 W/kg

Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.041 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.272 W/kg
SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.020 W/kg
Maximum value of SAR (measured) = 0.182 W/kg

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

#29_WLAN5GHz_802.11a 6Mbps_Back_1.5cm_Ch64

Communication System: 802.11a; Frequency: 5320 MHz;Duty Cycle: 1:1.122
Medium: MSL_5G_150119 Medium parameters used: f = 5320 MHz; σ = 5.468 S/m; ε_r = 47.511; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3925; ConvF(4.36, 4.36, 4.36); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch64/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
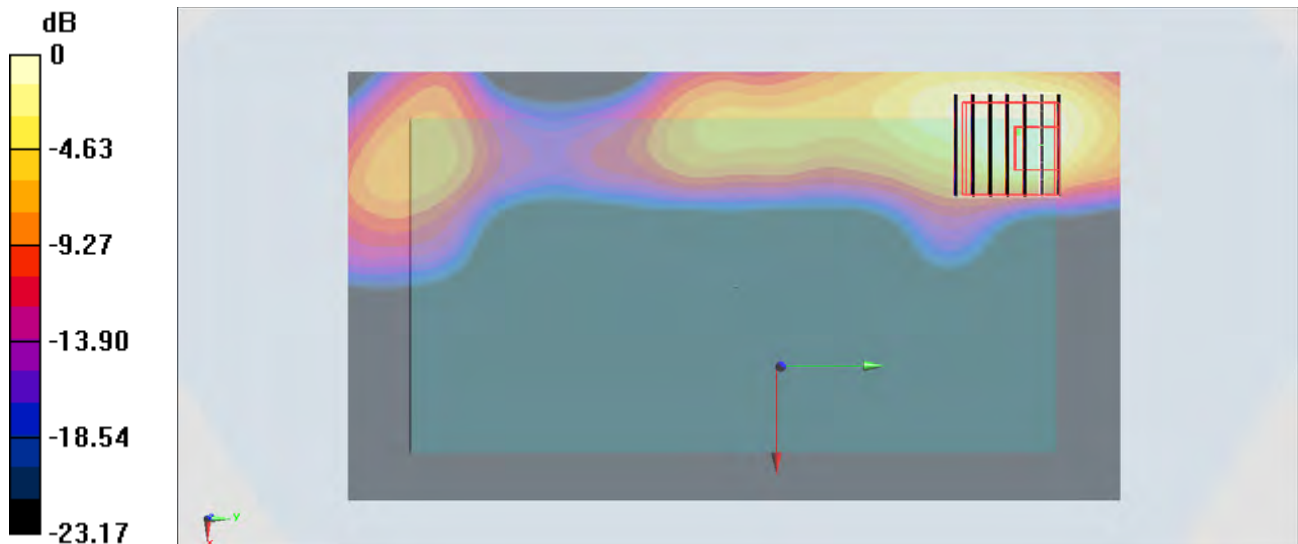Maximum value of SAR (interpolated) = 0.281 W/kg

Configuration/Ch64/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.009 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.283 W/kg
SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.024 W/kg
Maximum value of SAR (measured) = 0.214 W/kg

0 dB = 0.214 W/kg = -6.70 dBW/kg

#30_WLAN5GHz_802.11a 6Mbps_Front_1.5cm_Ch132

Communication System: 802.11a; Frequency: 5660 MHz;Duty Cycle: 1:1.122
Medium: MSL_5G_150119 Medium parameters used: f = 5660 MHz; σ = 5.877 S/m; ε_r = 46.946; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3925; ConvF(4.12, 4.12, 4.12); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch132/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
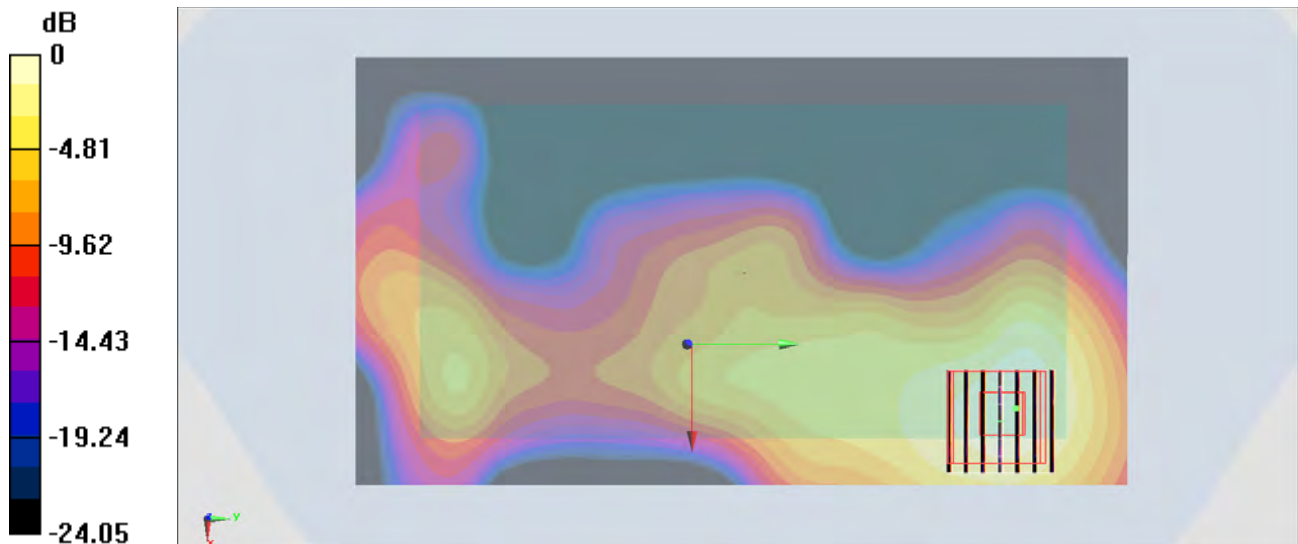Maximum value of SAR (interpolated) = 0.217 W/kg

Configuration/Ch132/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.591 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.393 W/kg
SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.034 W/kg
Maximum value of SAR (measured) = 0.217 W/kg

0 dB = 0.217 W/kg = -6.64 dBW/kg

#31_WLAN5GHz_802.11a 6Mbps_Front_1.5cm_Ch157

Communication System: 802.11a ; Frequency: 5785 MHz;Duty Cycle: 1:1.122
Medium: MSL_5G_150119 Medium parameters used: f = 5785 MHz; σ = 6.046 S/m; ε$_r$ = 46.782; ρ = 1000 kg/m^3
Ambient Temperature：23.6 ℃; Liquid Temperature：22.6 ℃

DASY5 Configuration
- Probe: EX3DV4 - SN3925; ConvF(4.09, 4.09, 4.09); Calibrated: 2014/5/22;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2014/5/19
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

Configuration/Ch157/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.275 W/kg

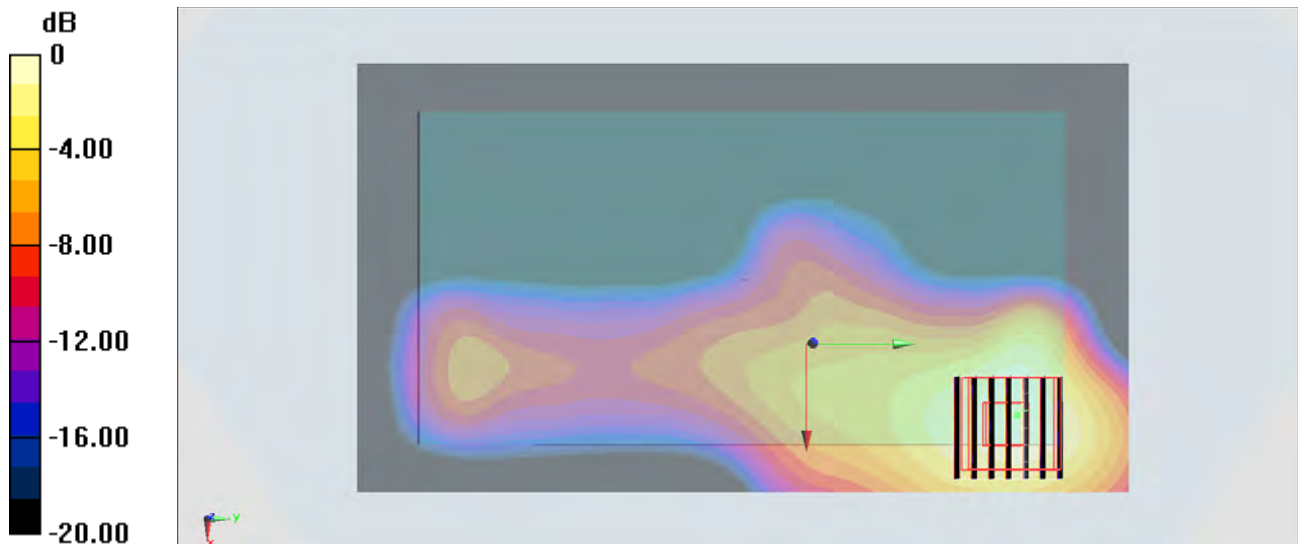**Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 7.197 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.377 W/kg
SAR(1 g) = 0.096 W/kg; SAR(10 g) = 0.035 W/kg
Maximum value of SAR (measured) = 0.239 W/kg

0 dB = 0.239 W/kg = -6.22 dBW/kg