

#01_LTE Band 4_20M_QPSK_1_0_Bottom Face_0mm_Ch20175

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL_1750_180119 Medium parameters used : $f = 1732.5$ MHz; $\sigma = 1.44$ S/m; $\epsilon_r = 54.914$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.95, 4.95, 4.95); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: ELI v5.0_Right; Type: QDOVA002AA; Serial: TP:1029
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (111x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.14 W/kg

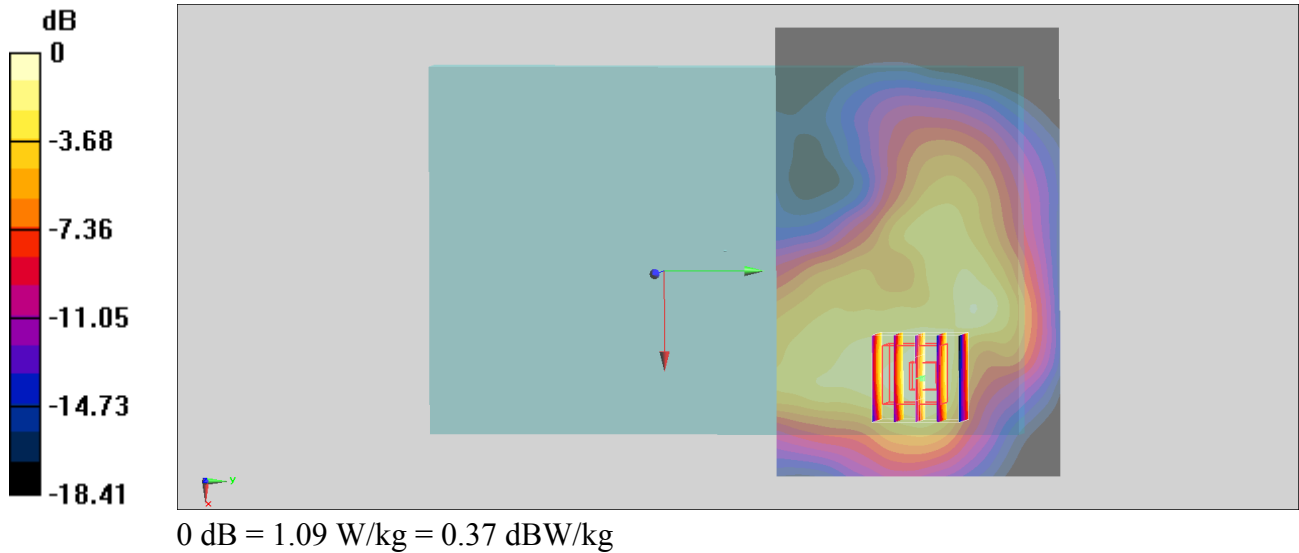
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.59 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.941 W/kg; SAR(10 g) = 0.569 W/kg

Maximum value of SAR (measured) = 1.09 W/kg



#02_LTE Band 13_10M_QPSK_1_0_Bottom Face_0mm_Ch23230

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

Medium: MSL_750_180117 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.988 \text{ S/m}$; $\epsilon_r = 53.692$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $22.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.31, 6.31, 6.31); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: ELI v5.0_Right; Type: QDOVA002AA; Serial: TP:1029
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (111x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.721 W/kg

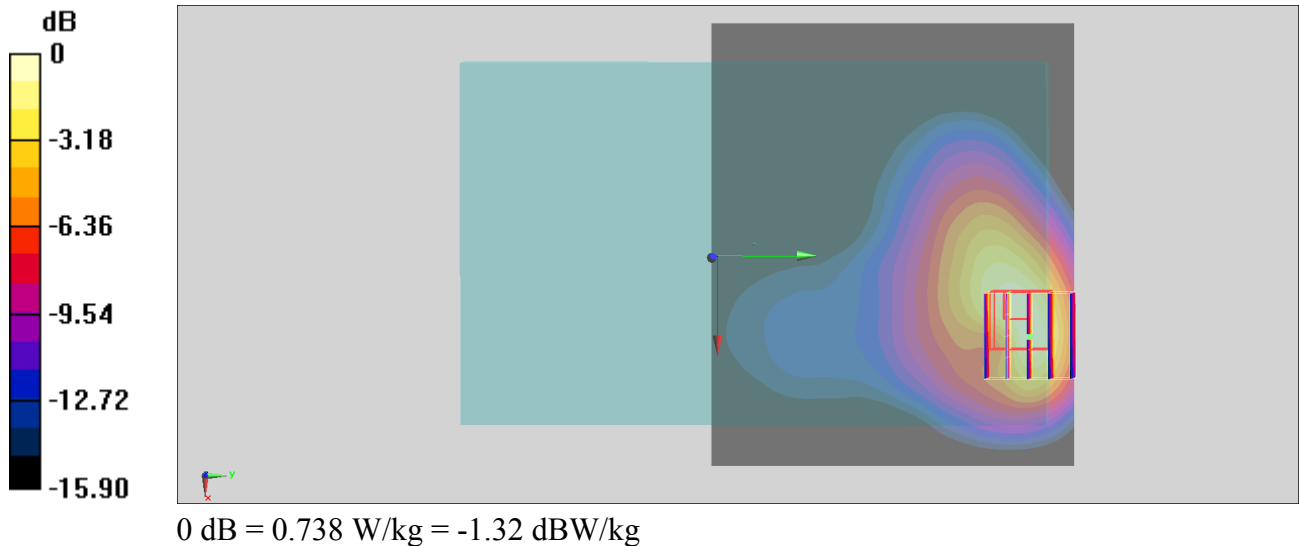
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.50 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.600 W/kg ; SAR(10 g) = 0.328 W/kg

Maximum value of SAR (measured) = 0.738 W/kg



#03_WLAN2.4GHz_802.11b 1Mbps_Edge 4_0mm_Ch1

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

Medium: MSL_2450_180119 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.957$ S/m; $\epsilon_r = 54.352$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.28, 4.28, 4.28); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: ELI v5.0_Right; Type: QDOVA002AA; Serial: TP:1029
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.854 W/kg

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

Reference Value = 20.51 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.93 W/kg

SAR(1 g) = 0.625 W/kg; SAR(10 g) = 0.238 W/kg

Maximum value of SAR (measured) = 0.965 W/kg

