

21_WLAN2.4GHz_802.11b 1Mbps_Edge 1_0mm_Ch6_Ant1

Communication System: UID 0, WiFi (0); Frequency: 2437 MHz; Duty Cycle: 1:1.26415

Medium: HSL2450_231021 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.842$ S/m; $\epsilon_r =$

40.439; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.2°C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2023/4/25
- Probe: EX3DV4 - SN7400; ConvF(7.69, 7.69, 7.69) @ 2437 MHz; Calibrated: 2023/4/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -59.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (12x12x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.709 W/kg

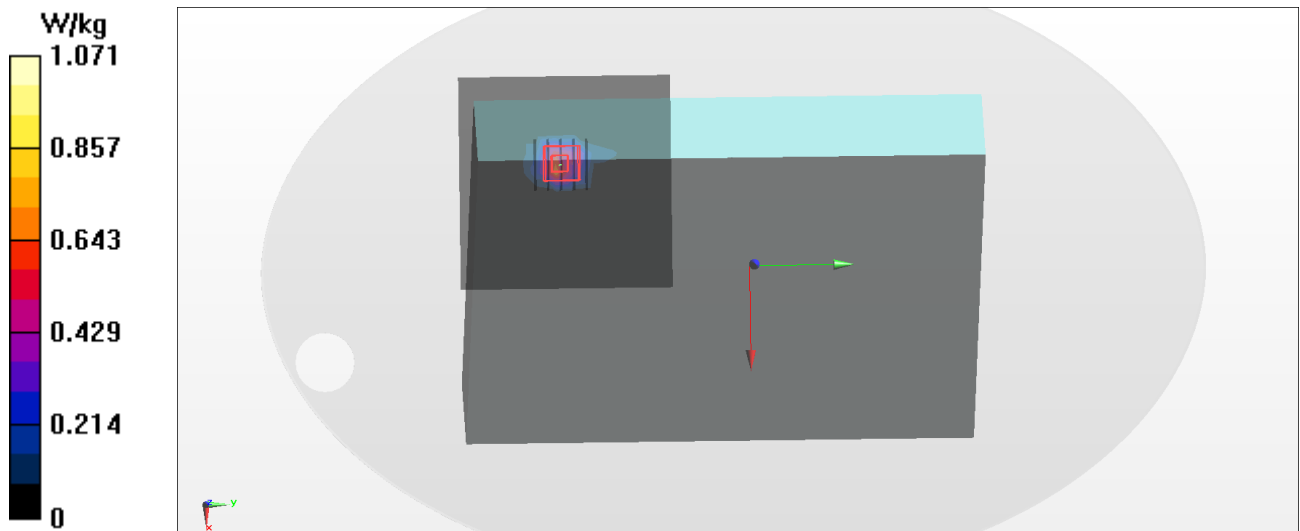
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.30 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.602 W/kg; SAR(10 g) = 0.234 W/kg

Maximum value of SAR (measured) = 1.07 W/kg



26_Bluetooth_DH5 1Mbps_Edge 1_0mm_Ch0_Ant1

Communication System: UID 0, BT (0); Frequency: 2402 MHz; Duty Cycle: 1:1.28263

Medium: HSL2450_231021 Medium parameters used (interpolated): $f = 2402$ MHz; $\sigma = 1.805$ S/m; $\epsilon_r =$

40.516 ; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.2°C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2023/4/25
- Probe: EX3DV4 - SN7400; ConvF(7.69, 7.69, 7.69) @ 2402 MHz; Calibrated: 2023/4/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -59.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (12x12x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.106 W/kg

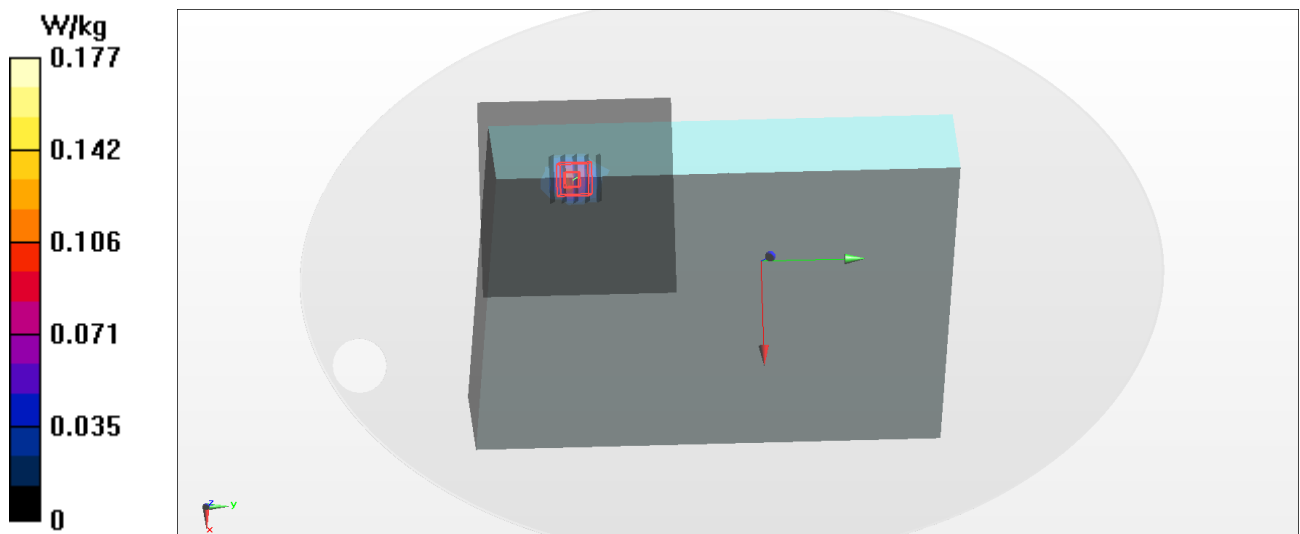
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.925 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.219 W/kg

SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.037 W/kg

Maximum value of SAR (measured) = 0.177 W/kg



07_WLAN5GHz_802.11a 6Mbps_Edge 1_0mm_Ch60_Aux 1

Communication System: WiFi; Frequency: 5300 MHz; Duty Cycle: 1:1.007

Medium: HSL5G_231019 Medium parameters used: $f = 5300$ MHz; $\sigma = 4.685$ S/m; $\epsilon_r = 36.608$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.6°C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2023/4/25
- Probe: EX3DV4 - SN7400; ConvF(5.07, 5.07, 5.07) @ 5300 MHz; Calibrated: 2023/4/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -4.0, 23.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (13x13x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 1.19 W/kg

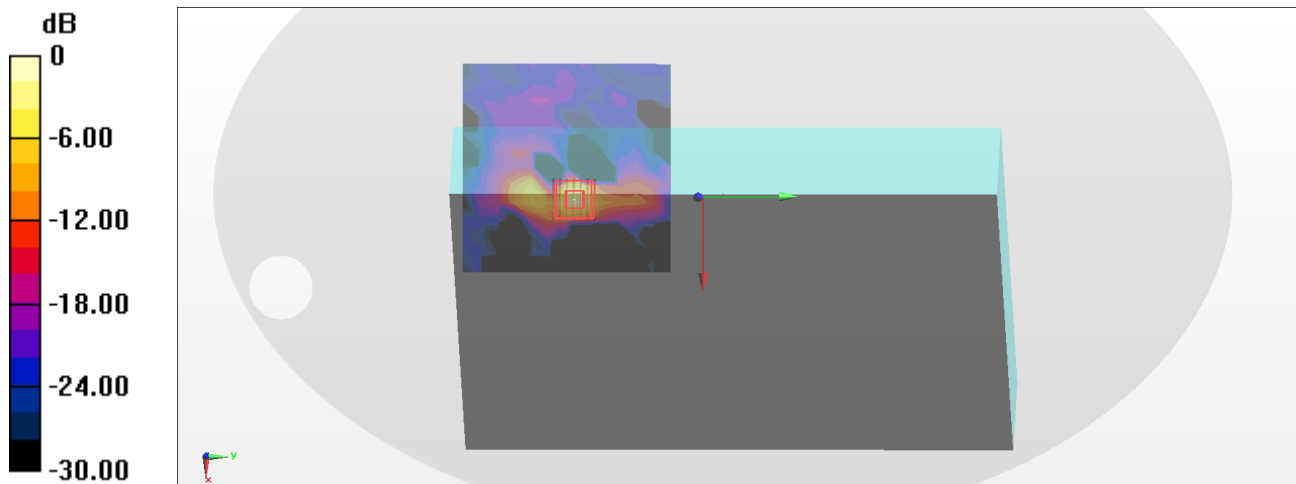
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 5.992 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.63 W/kg

SAR(1 g) = 0.654 W/kg; SAR(10 g) = 0.168 W/kg

Maximum value of SAR (measured) = 1.67 W/kg



18_WLAN5GHz_802.11a 6Mbps_Edge 4_0mm_Ch116_Aux 2

Communication System: WiFi; Frequency: 5580 MHz; Duty Cycle: 1:1.007

Medium: HSL5G_231019 Medium parameters used: $f = 5580$ MHz; $\sigma = 4.996$ S/m; $\epsilon_r = 36.15$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.6°C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2023/4/25
- Probe: EX3DV4 - SN7400; ConvF(4.72, 4.72, 4.72) @ 5580 MHz; Calibrated: 2023/4/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -59.0, 23.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (11x25x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.938 W/kg

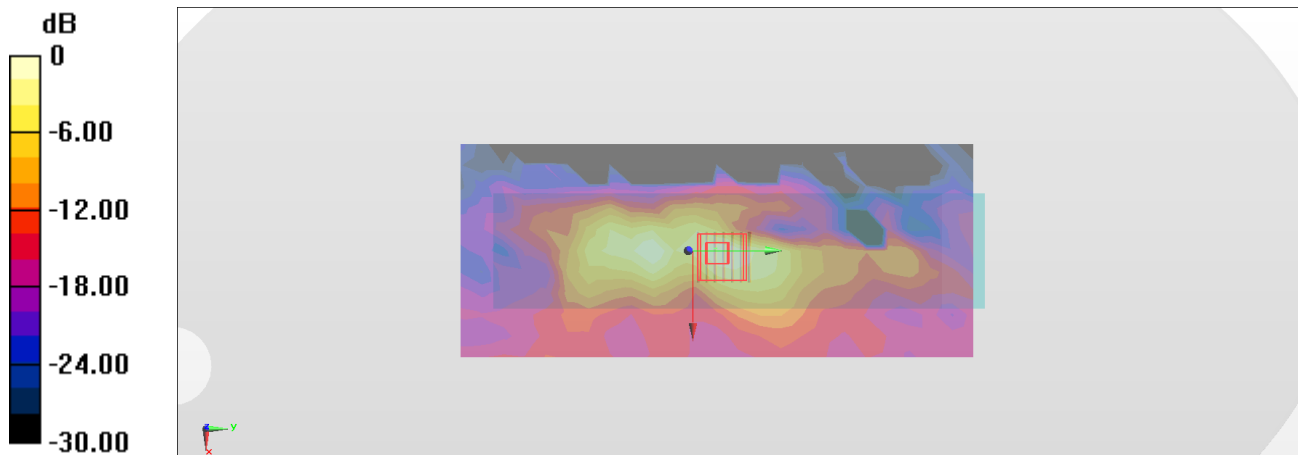
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 7.512 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.347 W/kg; SAR(10 g) = 0.118 W/kg

Maximum value of SAR (measured) = 0.801 W/kg



0 dB = 0.801 W/kg = -0.96 dBW/kg

19_WLAN5GHz_802.11a 6Mbps_Edge 4_0mm_Ch157_Aux 2

Communication System: WiFi; Frequency: 5785 MHz; Duty Cycle: 1:1.007

Medium: HSL5G_231019 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.22$ S/m; $\epsilon_r = 35.901$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.6°C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2023/4/25
- Probe: EX3DV4 - SN7400; ConvF(4.8, 4.8, 4.8) @ 5785 MHz; Calibrated: 2023/4/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -59.0, 23.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Area Scan (11x25x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.920 W/kg

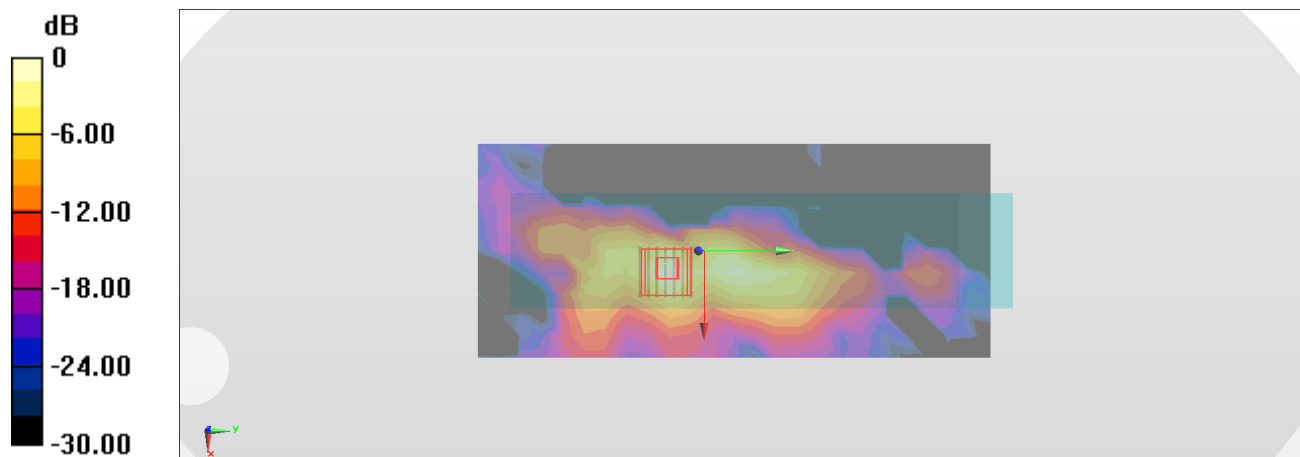
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 12.34 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.111 W/kg

Maximum value of SAR (measured) = 0.927 W/kg



0 dB = 0.927 W/kg = -0.33 dBW/kg

Test Laboratory: TÜV Rheinland Inc.

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
	210.0 x 316.0 x 56.0		Tablet

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	EDGE LEFT, 0.00	U-NII-6	WLAN, 10743-AAC	6505.000, 111	5.3	6.14	33.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1153	HSL6500_231022 , --	EX3DV4 - SN7400, 2023-04-28	DAE4 Sn855, 2023-04-25

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 204.0	23.8 x 23.8 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	Y	Y
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2023-10-22, 14:00	2023-10-22, 14:43
psSAR1g [W/kg]	0.036	0.049
psSAR10g [W/kg]	0.014	0.020
Power Drift [dB]		0.17
Power Scaling	Enabled	Enabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		63.8
Dist 3dB Peak [mm]		3.5

