
Appendix B. Highest Measurement Data

Test Laboratory: DEKRA

Date: 2025/01/24

204_WLAN2.4GHz_802.11b-1M_CH1_Left-side_5mm_ANT Wifi 1

Communication System: UID 0, WLAN 2.4G; Frequency: 2412 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.78$ S/m; $\epsilon_r = 40.41$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN7631; ConvF(8.22, 8.22, 8.22) @ 2412 MHz; Calibrated: 2024/02/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2024/02/15
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (8x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.54 W/kg

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

Reference Value = 2.338 V/m; Power Drift = 0.17 dB

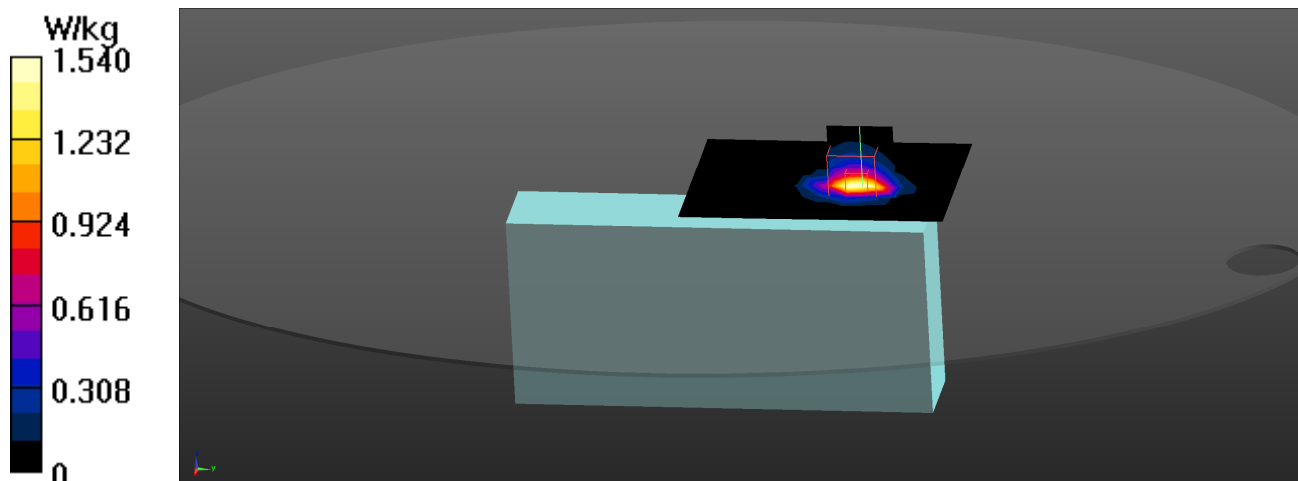
Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.454 W/kg

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 52.5%

Maximum value of SAR (measured) = 1.69 W/kg



Test Laboratory: DEKRA

Date: 2025/01/24

502_Bluetooth_BT-1M_CH38_Right-side_5mm_ANT Wifi 2

Communication System: UID 0, BT 1M&3M&BLE; Frequency: 2440 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 2440$ MHz; $\sigma = 1.82$ S/m; $\epsilon_r = 40.31$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN7631; ConvF(8.22, 8.22, 8.22) @ 2440 MHz; Calibrated: 2024/02/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2024/02/15
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASYS2, Version 52.10 (4);

Configuration/Flat/Area Scan (7x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.232 W/kg

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

Reference Value = 19.124 V/m; Power Drift = 0.10 dB

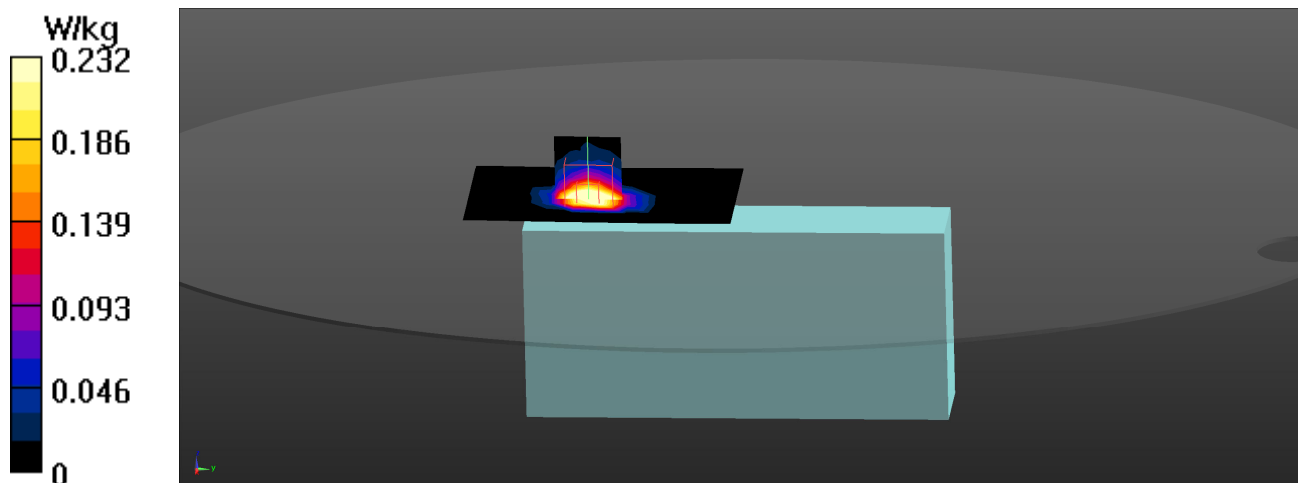
Peak SAR (extrapolated) = 0.475 W/kg

SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.099 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 52.1%

Maximum value of SAR (measured) = 0.393 W/kg



Test Laboratory: DEKRA

Date: 2025/01/25

218_WLAN5GHz_802.11ac80-VHT0_CH58_Left-side_5mm_ANT Wifi 1

Communication System: UID 0, WLAN 5G; Frequency: 5290 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 5290$ MHz; $\sigma = 4.8$ S/m; $\epsilon_r = 36.08$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN7631; ConvF(5.79, 5.79, 5.79) @ 5290 MHz; Calibrated: 2024/02/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2024/02/15
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.16 W/kg

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

Reference Value = 18.45 V/m; Power Drift = 0.11 dB

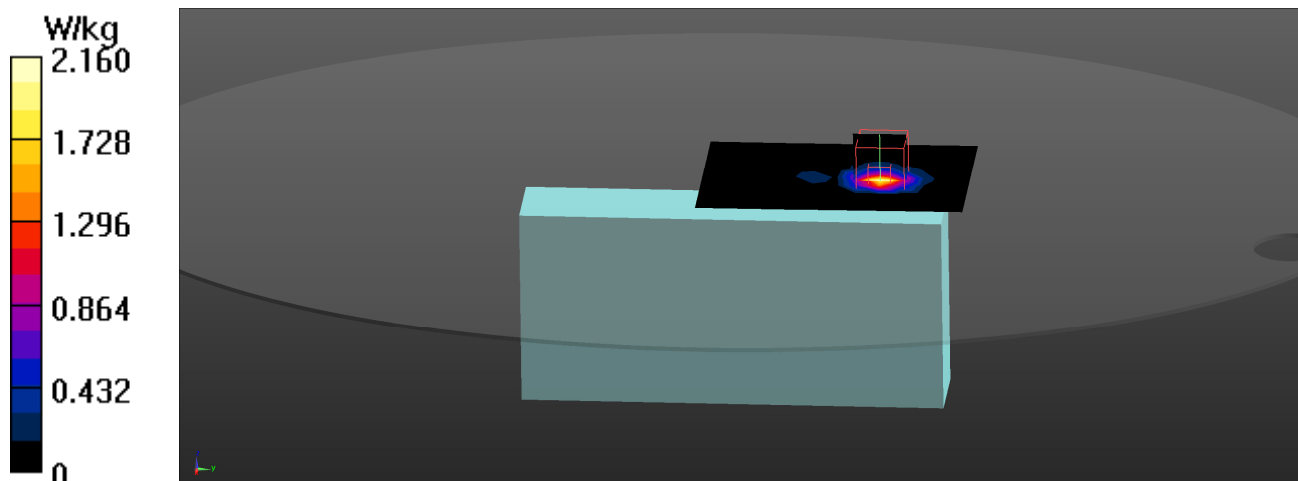
Peak SAR (extrapolated) = 3.76 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.314 W/kg

Smallest distance from peaks to all points 3 dB below = 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 66.3%

Maximum value of SAR (measured) = 2.37 W/kg



Test Laboratory: DEKRA

Date: 2025/01/25

231_WLAN5GHz_802.11ac80-VHT0_CH138_Left-side_5mm_ANT Wifi 1

Communication System: UID 0, WLAN 5G; Frequency: 5690 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 5690$ MHz; $\sigma = 5.33$ S/m; $\epsilon_r = 34.98$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN7631; ConvF(5.03, 5.03, 5.03) @ 5690 MHz; Calibrated: 2024/02/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2024/02/15
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASYS2, Version 52.10 (4);

Configuration/Flat/Area Scan (9x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.35 W/kg

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

Reference Value = 17.49 V/m; Power Drift = -0.17 dB

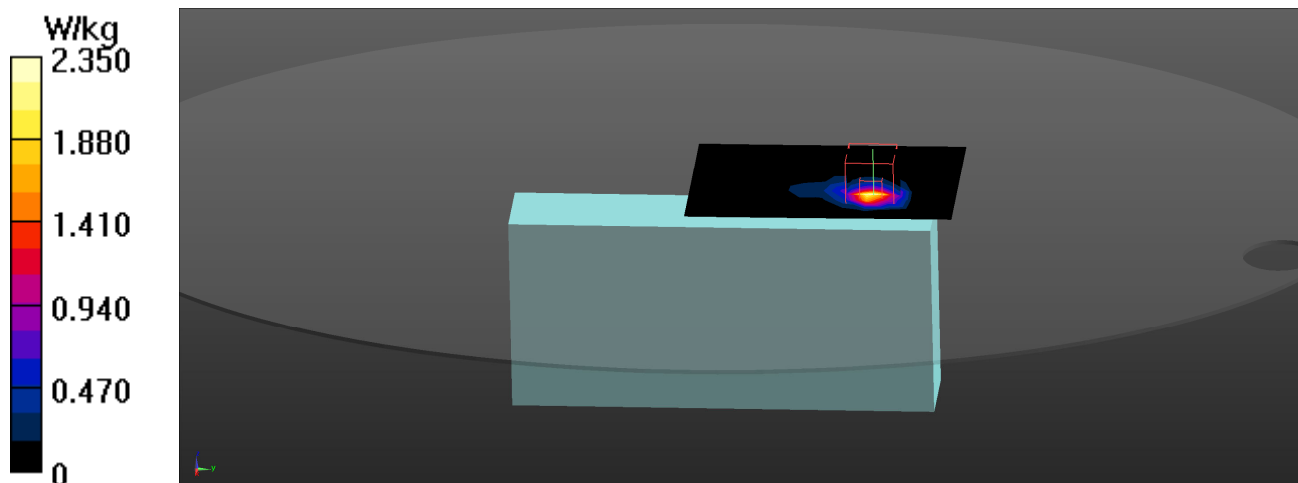
Peak SAR (extrapolated) = 4.48 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.328 W/kg

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 61.6%

Maximum value of SAR (measured) = 2.60 W/kg



Test Laboratory: DEKRA

Date: 2025/01/25

221_WLAN5GHz_802.11ac80-VHT0_CH171_Left-side_5mm_ANT Wifi 1

Communication System: UID 0, WLAN 5G; Frequency: 5855 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 5855$ MHz; $\sigma = 5.55$ S/m; $\epsilon_r = 34.52$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN7631; ConvF(5.14, 5.14, 5.14) @ 5855 MHz; Calibrated: 2024/02/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2024/02/15
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (9x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.97 W/kg

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

Reference Value = 20.83 V/m; Power Drift = -0.09 dB

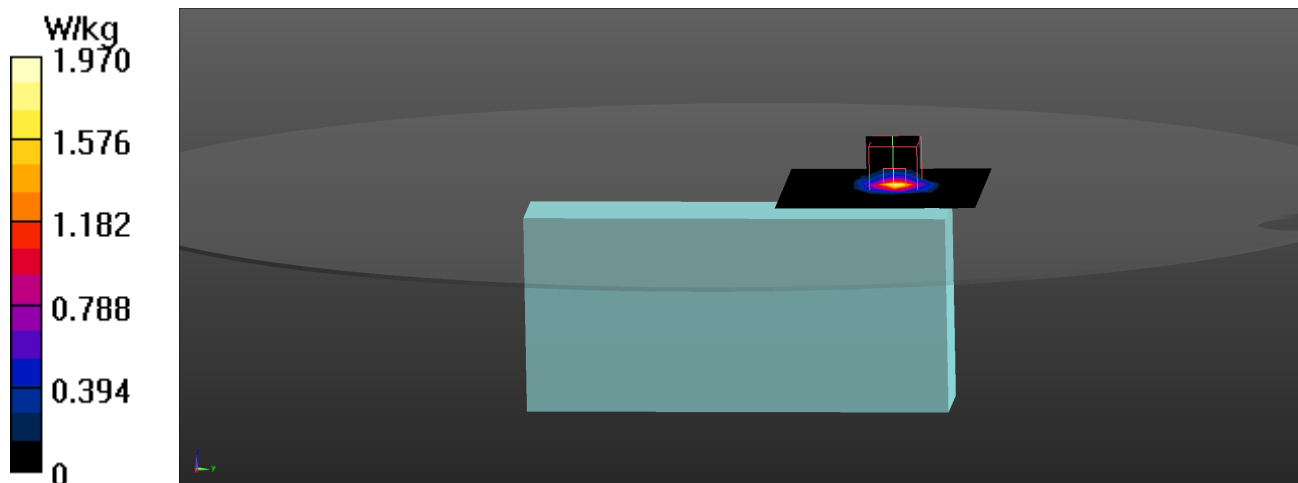
Peak SAR (extrapolated) = 3.41 W/kg

SAR(1 g) = 0.814 W/kg; SAR(10 g) = 0.252 W/kg

Smallest distance from peaks to all points 3 dB below = 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 61.4%

Maximum value of SAR (measured) = 1.94 W/kg



Test Laboratory: DEKRA

Date: 2025-02-18

276_WLAN6GHz_802.11ax160-HE0_CH143_Left-side_5mm_ANT Wifi 1

Communication System: UID 10755-AAC, WLAN; Frequency: 6665.000 MHz

Medium parameters used: $f = 6665.000$ MHz; Conductivity = 6.23 S/m; Permittivity = 34.1

Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(5.51, 5.51, 5.62); Calibrated: 2024-12-19
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn916; Calibrated: 2024-12-04
- Phantom: ELI V8.0 (20deg probe tilt)
- Measurement SW: V16.4.0.5005

Area Scan (68.0 mm x 85.0 mm): Measurement grid: 8.5 mm x 8.5 mm

SAR (1 g) = 0.620 W/kg; SAR (10 g) = 0.226 W/kg

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement grid: 3.4 mm x 3.4 mm x 1.4 mm

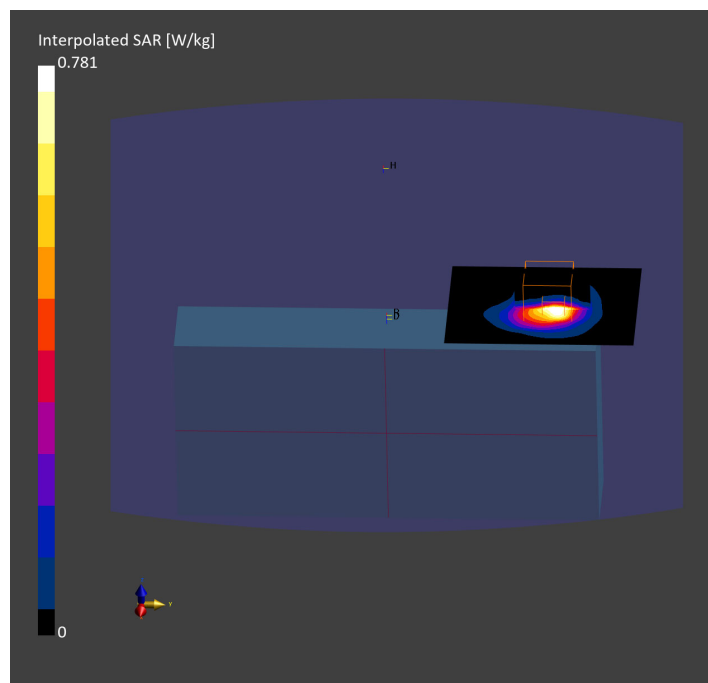
Power Drift = 0.09 dB

SAR(1 g) = 0.688 W/kg; SAR(10 g) = 0.245 W/kg

psAPD (4.0cm², sq) = 5.47 W/m²

Smallest distance from peaks to all points 3 dB below = 8.5

Ratio of SAR at M2 to SAR at M1 = 51.5



12_WLAN6E_802.11ax160-HE0_CH143_Left-side_5mm_Wifi 1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
	189.36 x 88.66 x 35.05		Handheld Tablet

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	EDGE RIGHT, 5.00	U-NII-7	WLAN, 10755-AAC	6665.0, 143	1.0

Hardware Setup

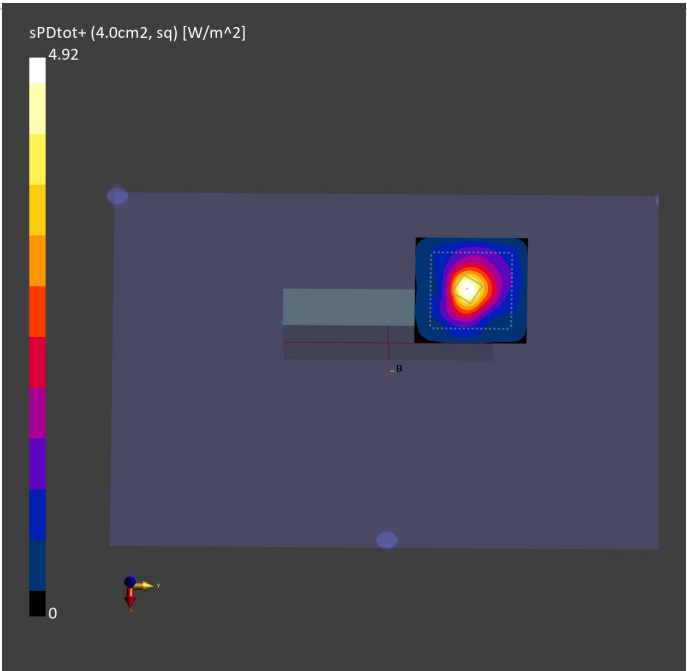
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1068	Air	EUmmWV4 - SN9546_F1-55GHz, 2024-04-18	DAE4 Sn916, 2024-12-04

Scan Setup

	5G Scan
Grid Extents [mm]	100.0 x 100.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	5.0
MAIA	Y

Measurement Results

	5G Scan
Date	2025-02-18
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	4.62
psPDtot+ [W/m²]	4.92
psPDmod+ [W/m²]	5.07
E _{max} [V/m]	55.3
Power Drift [dB]	-0.17



Test Laboratory: DEKRA

Date: 2025/01/19

180_WCDMA Band2_RMC_CH9538_Back_5mm_ANT Main

Communication System: UID 0, WCDMA_Band-2; Frequency: 1907.6 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.42$ S/m; $\epsilon_r = 39.48$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3979; ConvF(6.74, 8.55, 7.13) @ 1907.6 MHz; Calibrated: 2024/11/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1425; Calibrated: 2024/11/18
- Phantom: ELI 5.0; Type: QDOVA002AA; Serial: 1199
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.28 W/kg

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

Reference Value = 34.98 V/m; Power Drift = 0.12 dB

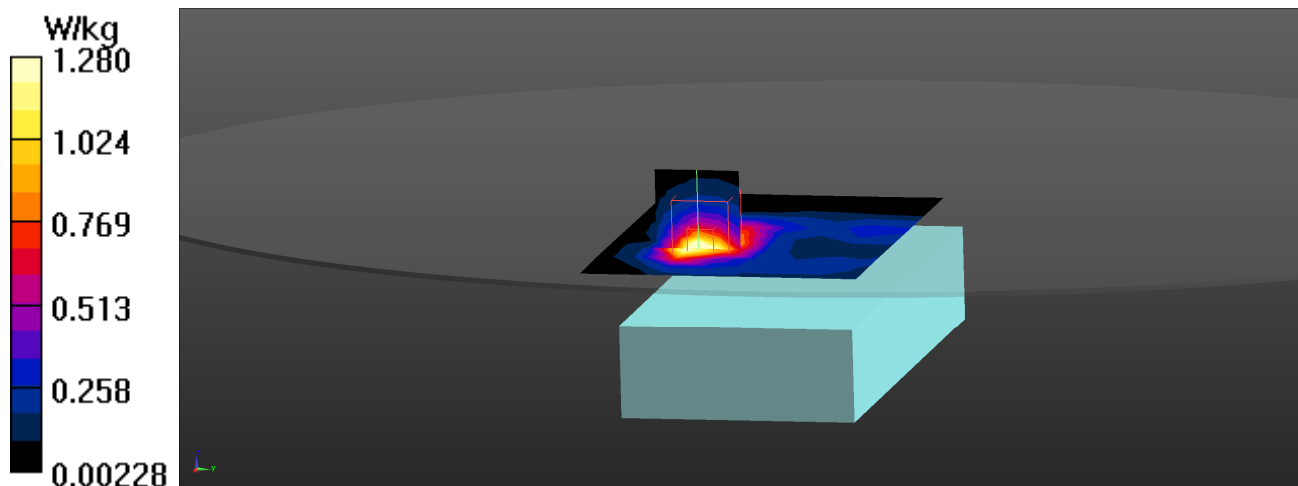
Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.566 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 56.1%

Maximum value of SAR (measured) = 1.66 W/kg



Test Laboratory: DEKRA

Date: 2025/01/17

177_WCDMA Band4_RMC_CH1513_Left-side_5mm_ANT Main

Communication System: UID 0, FCC WCDMA_Band 4; Frequency: 1752.6 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 1752.6$ MHz; $\sigma = 1.37$ S/m; $\epsilon_r = 40.22$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN7631; ConvF(8.71, 8.71, 8.71) @ 1752.6 MHz; Calibrated: 2024/02/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2024/02/15
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.45 W/kg

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

Reference Value = 33.72 V/m; Power Drift = 0.08 dB

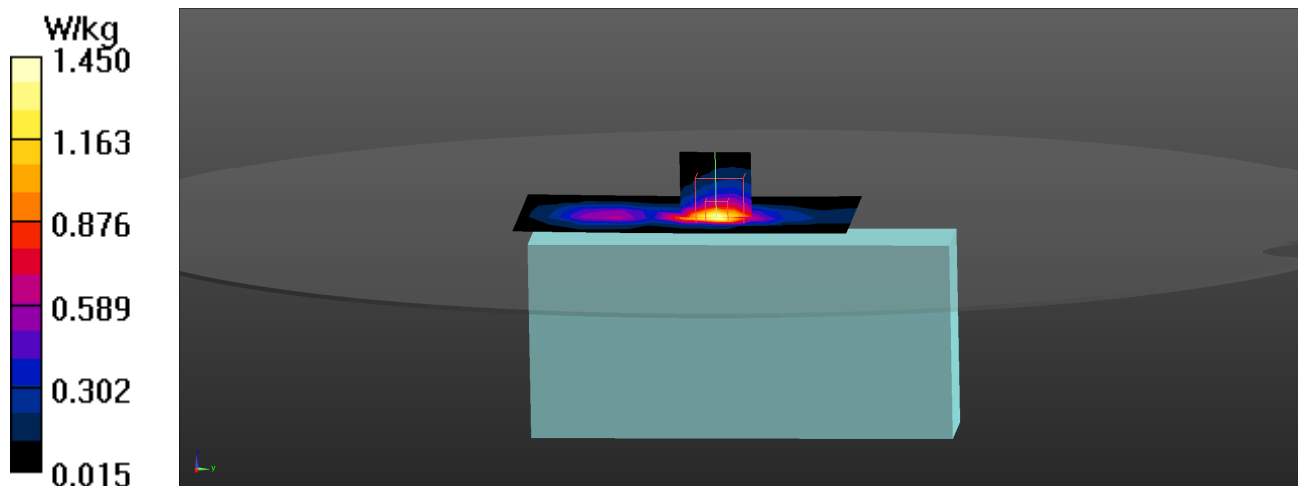
Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 0.914 W/kg; SAR(10 g) = 0.447 W/kg

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 49.7%

Maximum value of SAR (measured) = 1.49 W/kg



Test Laboratory: DEKRA

Date: 2025/01/11

140_WCDMA_Band5_RMC_CH4183_Left-side_5mm_ANT Main

Communication System: UID 0, WCDMA_Band-5; Frequency: 836.6 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.94$ S/m; $\epsilon_r = 42.12$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3979; ConvF(8.22, 10.43, 8.7) @ 836.6 MHz; Calibrated: 2024/11/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1425; Calibrated: 2024/11/18
- Phantom: ELI 5.0; Type: QDOVA002AA; Serial: 1199
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.998 W/kg

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

Reference Value = 33.00 V/m; Power Drift = -0.02 dB

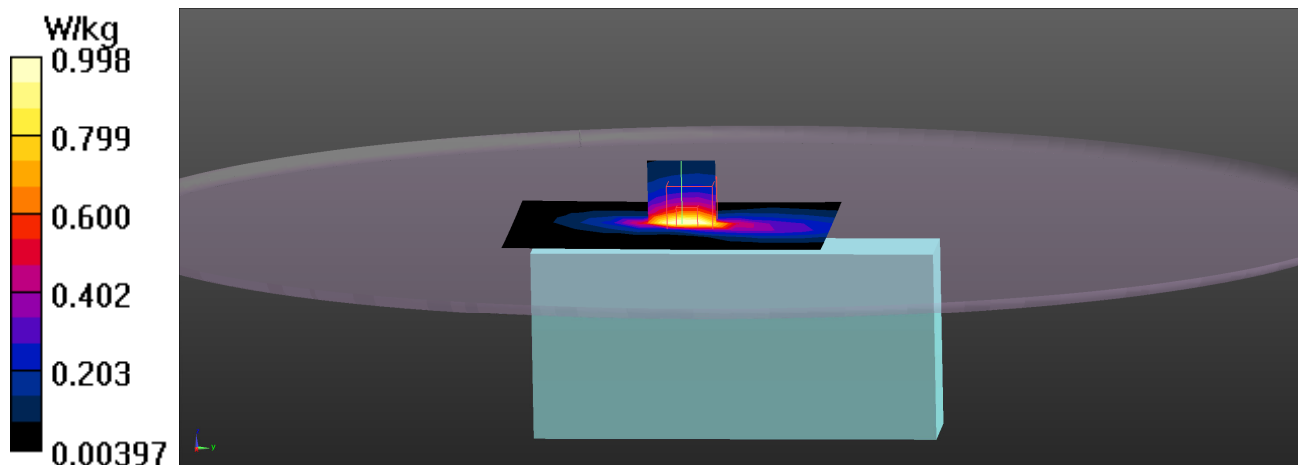
Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.740 W/kg; SAR(10 g) = 0.405 W/kg

Smallest distance from peaks to all points 3 dB below = 9.1 mm

Ratio of SAR at M2 to SAR at M1 = 59.3%

Maximum value of SAR (measured) = 1.10 W/kg



Test Laboratory: DEKRA

Date: 2025/01/16

165_LTE_Band7_QPSK_20M_21100_1RB-0offset_Left-side_5mm_ANT Main

Communication System: UID 0, LTE Band7; Frequency: 2535 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.92$ S/m; $\epsilon_r = 39.28$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN7631; ConvF(7.97, 7.97, 7.97) @ 2535 MHz; Calibrated: 2024/02/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2024/02/15
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASYS2, Version 52.10 (4);

Configuration/Flat/Area Scan (7x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.59 W/kg

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

Reference Value = 5.401 V/m; Power Drift = -0.14 dB

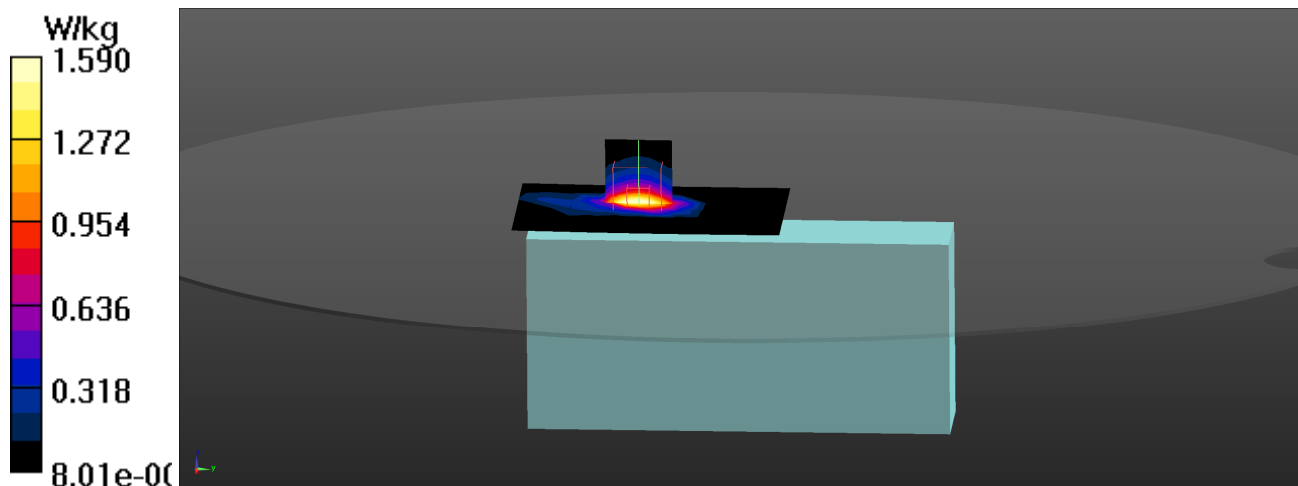
Peak SAR (extrapolated) = 2.27 W/kg

SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.490 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 50.6%

Maximum value of SAR (measured) = 1.85 W/kg



Test Laboratory: DEKRA

Date: 2025/01/08

101_LTE_Band12_QPSK_10M_23095_1RB-0offset_Left-side_5mm_ANT Main

Communication System: UID 0, LTE Band12; Frequency: 707.5 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.88$ S/m; $\epsilon_r = 42.12$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3979; ConvF(8.47, 10.75, 8.97) @ 707.5 MHz; Calibrated: 2024/11/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1425; Calibrated: 2024/11/18
- Phantom: ELI 5.0; Type: QDOVA002AA; Serial: 1199
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 19.70 V/m; Power Drift = 0.06 dB

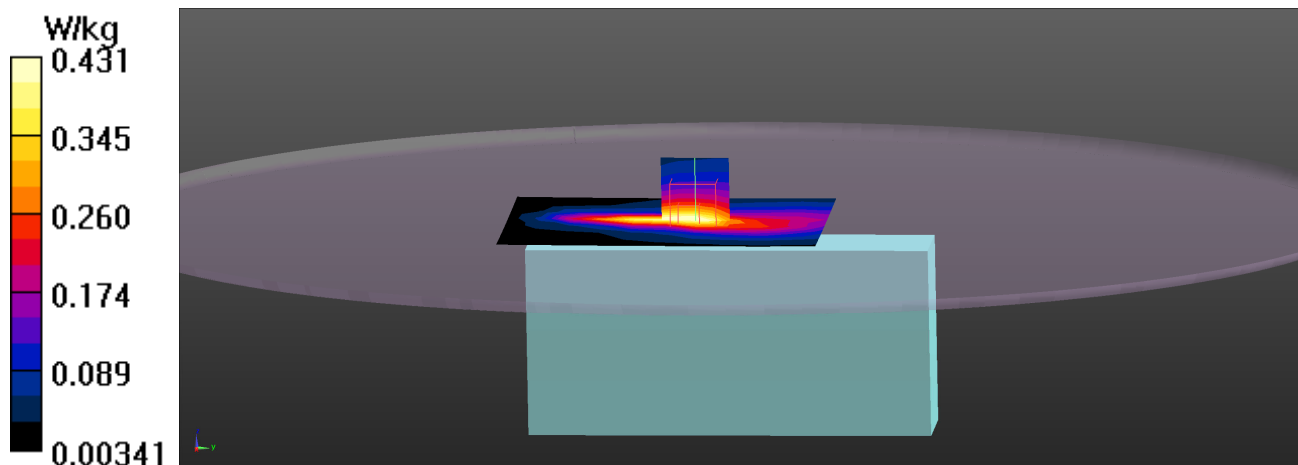
Peak SAR (extrapolated) = 0.538 W/kg

SAR(1 g) = 0.344 W/kg; SAR(10 g) = 0.216 W/kg

Smallest distance from peaks to all points 3 dB below = 11.3 mm

Ratio of SAR at M2 to SAR at M1 = 64.2%

Maximum value of SAR (measured) = 0.478 W/kg



Test Laboratory: DEKRA

Date: 2025/01/08

104_LTE_Band13_QPSK_10M_23230_1RB-0offset_Left-side_5mm_ANT Main

Communication System: UID 0, LTE Band13; Frequency: 782 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.91 \text{ S/m}$; $\epsilon_r = 41.77$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3979; ConvF(8.47, 10.75, 8.97) @ 782 MHz; Calibrated: 2024/11/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1425; Calibrated: 2024/11/18
- Phantom: ELI 5.0; Type: QDOVA002AA; Serial: 1199
- Measurement SW: DASYS2, Version 52.10 (4);

Configuration/Flat/Area Scan (8x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.798 W/kg

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

Reference Value = 35.25 V/m; Power Drift = 0.01 dB

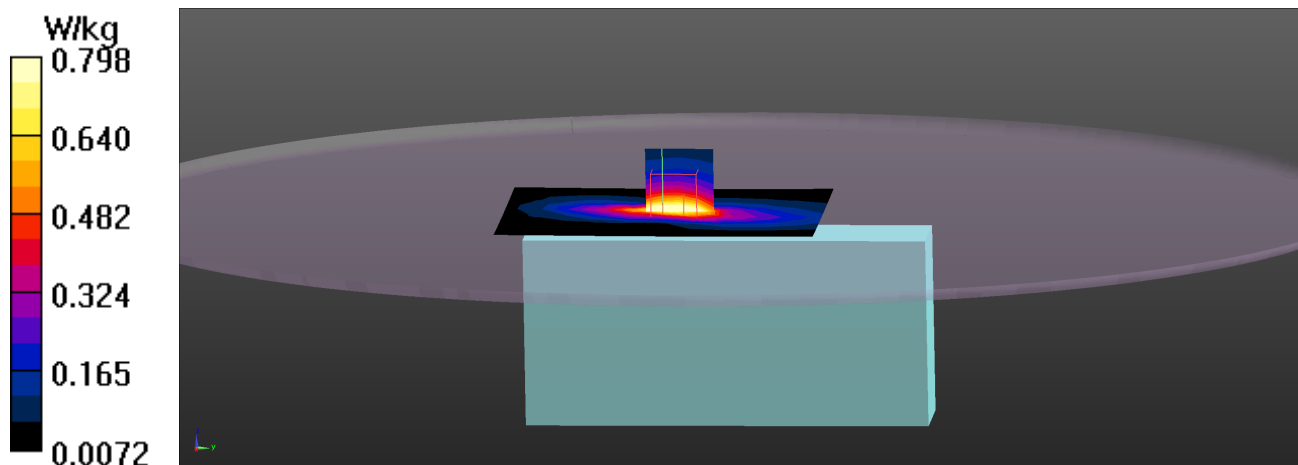
Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.682 W/kg; SAR(10 g) = 0.381 W/kg

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 58.6%

Maximum value of SAR (measured) = 1.01 W/kg



Test Laboratory: DEKRA

Date: 2025/01/19

181_LTE_Band25_QPSK_20M_26365_1RB-0offset_Back_5mm_ANT Main

Communication System: UID 0, LTE Band25; Frequency: 1882.5 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.41$ S/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3979; ConvF(6.74, 8.55, 7.13) @ 1882.5 MHz; Calibrated: 2024/11/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1425; Calibrated: 2024/11/18
- Phantom: ELI 5.0; Type: QDOVA002AA; Serial: 1199
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 31.38 V/m; Power Drift = -0.16 dB

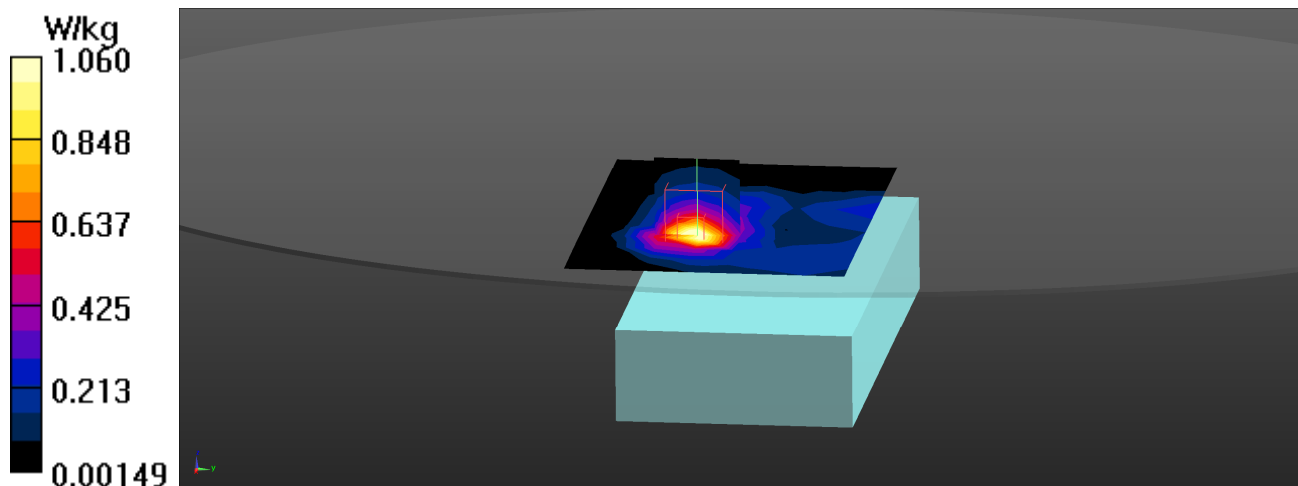
Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.850 W/kg; SAR(10 g) = 0.451 W/kg

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 57.7%

Maximum value of SAR (measured) = 1.28 W/kg



Test Laboratory: DEKRA

Date: 2025/01/11

113_LTE_Band26_QPSK_15M_26865_1RB-0offset_Left-side_5mm_ANT Main

Communication System: UID 0, LTE Band26; Frequency: 831.5 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.94$ S/m; $\epsilon_r = 42.13$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3979; ConvF(8.22, 10.43, 8.7) @ 831.5 MHz; Calibrated: 2024/11/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1425; Calibrated: 2024/11/18
- Phantom: ELI 5.0; Type: QDOVA002AA; Serial: 1199
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.02 W/kg

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

Reference Value = 34.56 V/m; Power Drift = -0.01 dB

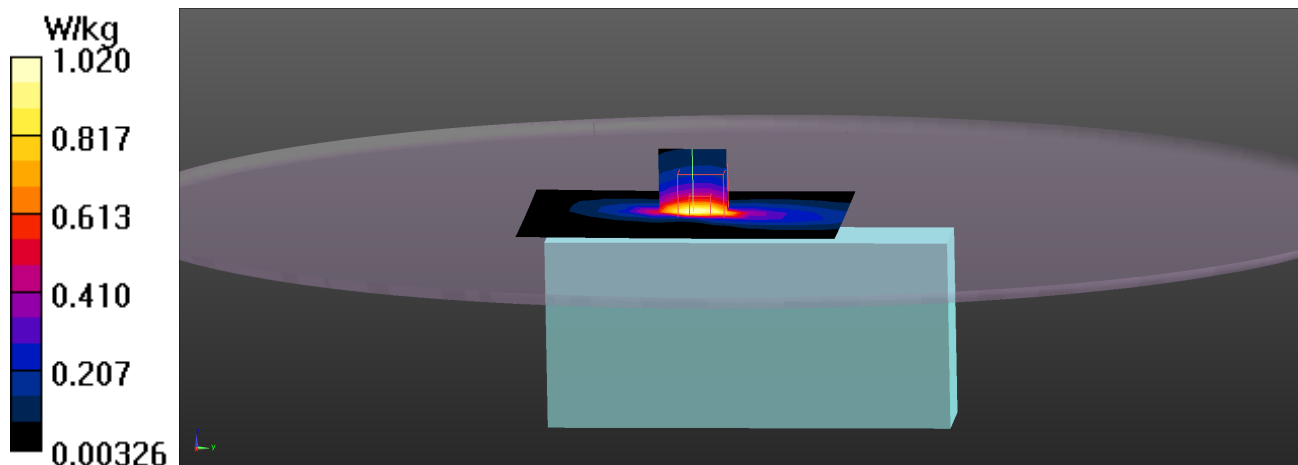
Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.689 W/kg; SAR(10 g) = 0.370 W/kg

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 57.5%

Maximum value of SAR (measured) = 1.05 W/kg



Test Laboratory: DEKRA

Date: 2025/01/16

108_LTE_Band41_QPSK_20M_40620_1RB-0offset_Left-side_5mm_ANT Main

Communication System: UID 0, LTE-TDD Band41; Frequency: 2593 MHz

Communication System PAR: 2.014 dB

Medium parameters used: $f = 2593$ MHz; $\sigma = 1.97$ S/m; $\epsilon_r = 39.34$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3979; ConvF(6.25, 7.93, 6.62) @ 2593 MHz; Calibrated: 2024/11/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1425; Calibrated: 2024/11/18
- Phantom: ELI 5.0; Type: QDOVA002AA; Serial: 1199
- Measurement SW: DASYS2, Version 52.10 (4);

Configuration/Flat/Area Scan (9x13x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.64 W/kg

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

Reference Value = 30.58 V/m; Power Drift = -0.01 dB

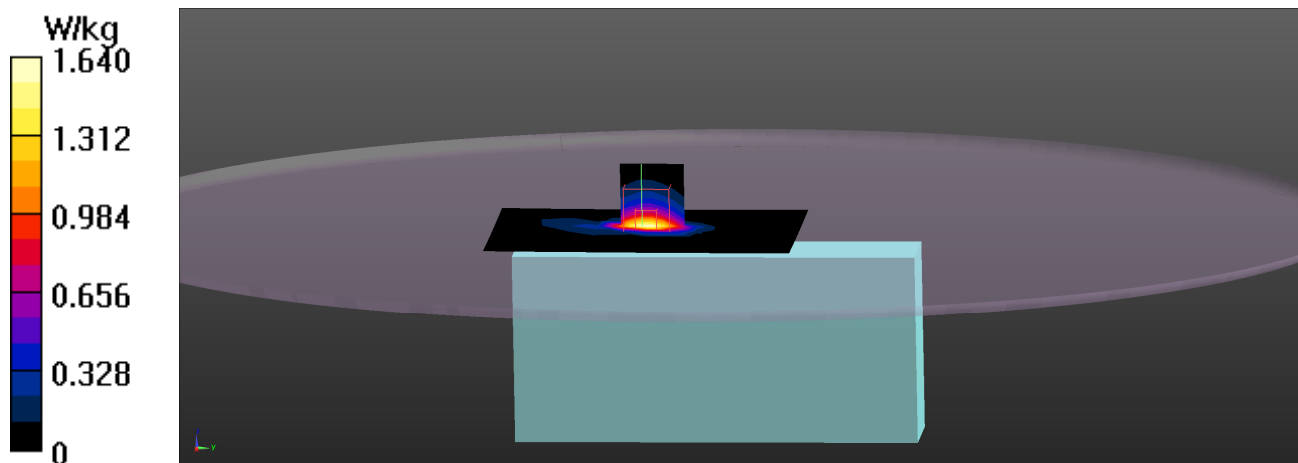
Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.468 W/kg

Smallest distance from peaks to all points 3 dB below = 7.3 mm

Ratio of SAR at M2 to SAR at M1 = 54.8%

Maximum value of SAR (measured) = 1.64 W/kg



Test Laboratory: DEKRA

Date: 2025/01/17

158_LTE_Band66_QPSK_20M_132322_1RB-0offset_Left-side_5mm_ANT Main

Communication System: UID 0, FCC LTE Band66; Frequency: 1745 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.37$ S/m; $\epsilon_r = 40.23$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3979; ConvF(6.92, 8.78, 7.33) @ 1745 MHz; Calibrated: 2024/11/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1425; Calibrated: 2024/11/18
- Phantom: ELI 5.0; Type: QDOVA002AA; Serial: 1199
- Measurement SW: DASYS2, Version 52.10 (4);

Configuration/Flat/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.91 W/kg

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

Reference Value = 30.98 V/m; Power Drift = 0.07 dB

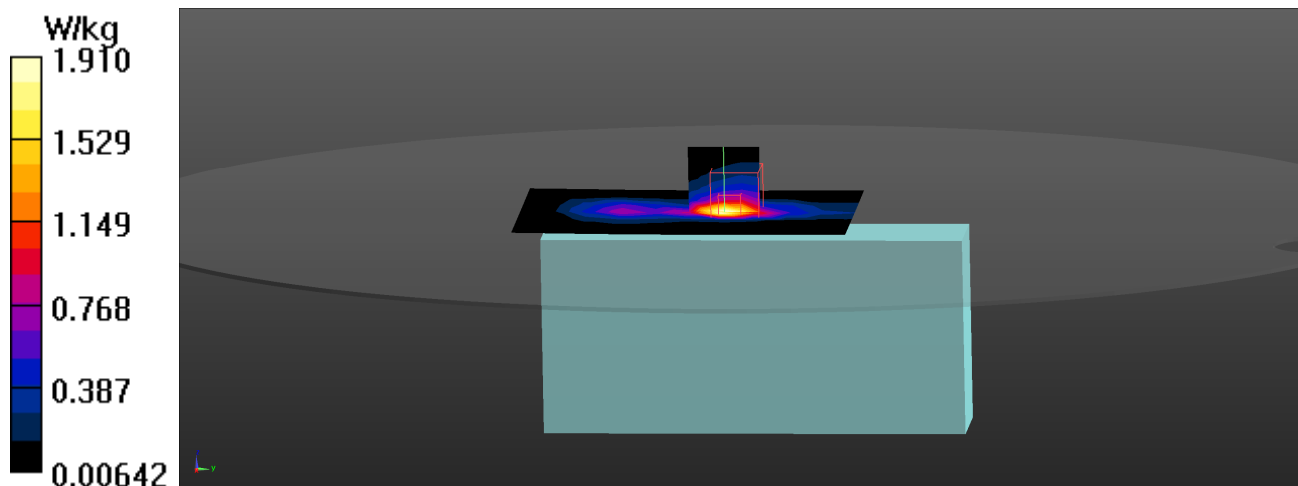
Peak SAR (extrapolated) = 2.45 W/kg

SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.536 W/kg

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 45.7%

Maximum value of SAR (measured) = 2.00 W/kg



SAR measurement variability

Test Laboratory: DEKRA

Date: 2025/01/24

307_WLAN2.4GHz_802.11b-1M_CH1_Left-side_5mm_ANT Wifi 1 - Verify

Communication System: UID 0, WLAN 2.4G; Frequency: 2412 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.78$ S/m; $\epsilon_r = 40.41$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN7631; ConvF(8.22, 8.22, 8.22) @ 2412 MHz; Calibrated: 2024/02/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2024/02/15
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (8x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.31 W/kg

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

Reference Value = 31.11 V/m; Power Drift = -0.02 dB

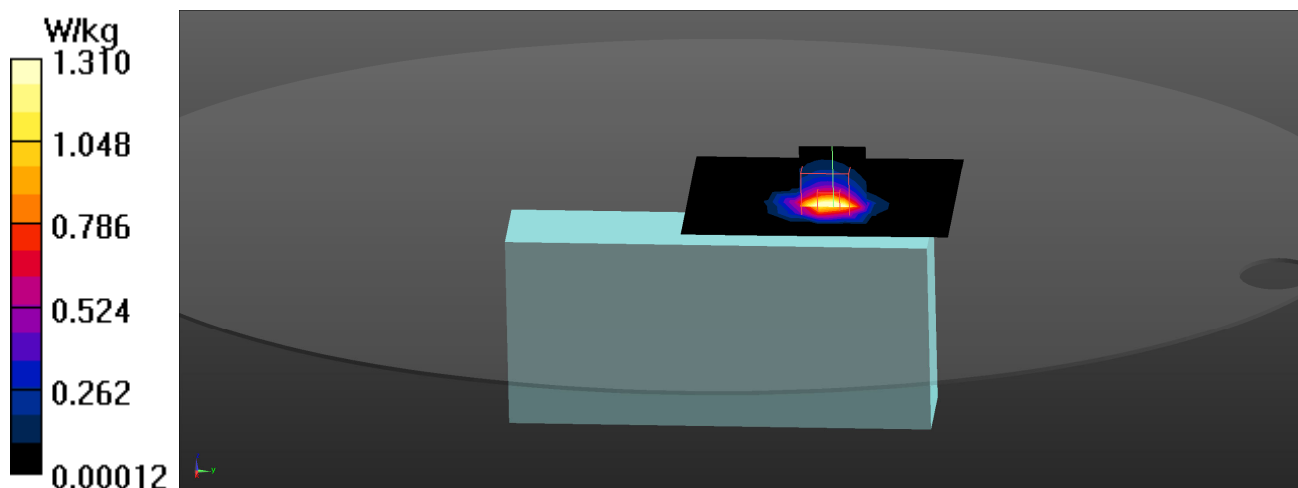
Peak SAR (extrapolated) = 2.04 W/kg

SAR(1 g) = 1.000 W/kg; SAR(10 g) = 0.434 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 51.8%

Maximum value of SAR (measured) = 1.63 W/kg



Test Laboratory: DEKRA

Date: 2025/01/25

308_WLAN5GHz_802.11ac80-VHT0_CH138_Left-side_5mm_ANT Wifi 1 - Verify

Communication System: UID 0, WLAN 5G; Frequency: 5690 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 5690$ MHz; $\sigma = 5.33$ S/m; $\epsilon_r = 34.98$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN7631; ConvF(5.03, 5.03, 5.03) @ 5690 MHz; Calibrated: 2024/02/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2024/02/15
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (9x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.90 W/kg

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

Reference Value = 22.69 V/m; Power Drift = -0.04 dB

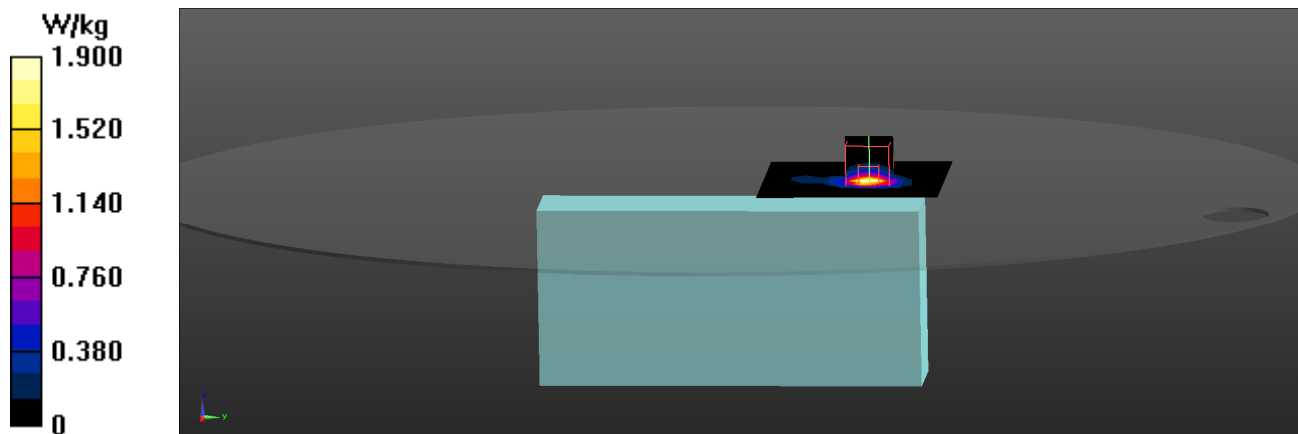
Peak SAR (extrapolated) = 3.99 W/kg

SAR(1 g) = 0.960 W/kg; SAR(10 g) = 0.291 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 62.2%

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



Test Laboratory: DEKRA

Date: 2025/01/19

179_WCDMA Band2_RMC_CH9538_Back_5mm_ANT Main_Verify

Communication System: UID 0, WCDMA_Band-2; Frequency: 1907.6 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.42$ S/m; $\epsilon_r = 39.48$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3979; ConvF(6.74, 8.55, 7.13) @ 1907.6 MHz; Calibrated: 2024/11/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1425; Calibrated: 2024/11/18
- Phantom: ELI 5.0; Type: QDOVA002AA; Serial: 1199
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.26 W/kg

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

Reference Value = 34.39 V/m; Power Drift = 0.09 dB

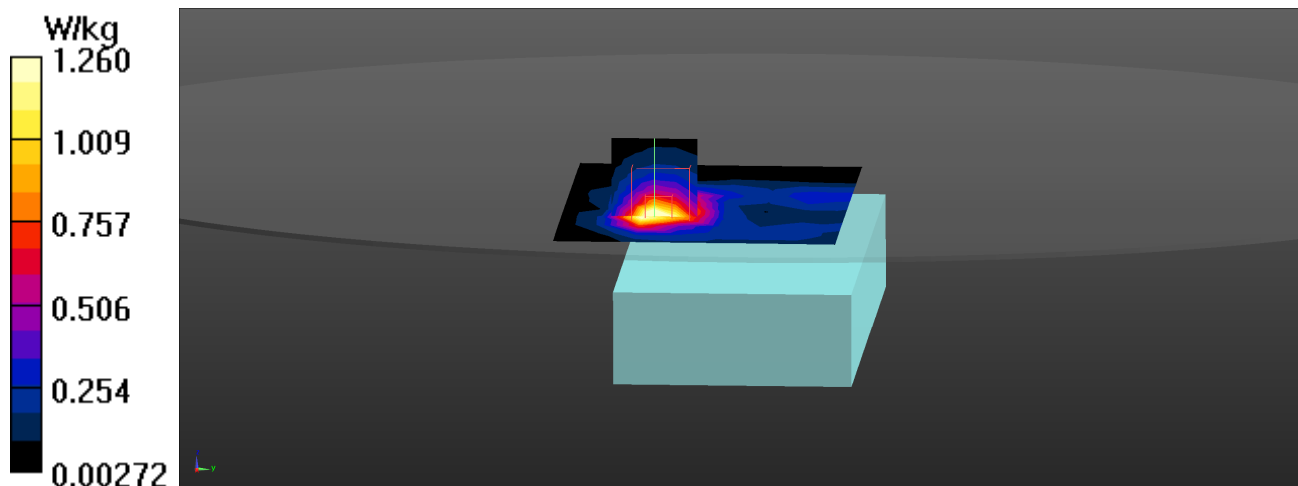
Peak SAR (extrapolated) = 1.94 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.548 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 56%

Maximum value of SAR (measured) = 1.62 W/kg



Test Laboratory: DEKRA

Date: 2025/01/17

187_WCDMA Band4_RMC_CH1513_Left-side_5mm_ANT Main_Verify

Communication System: UID 0, FCC WCDMA_Band 4; Frequency: 1752.6 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 1752.6$ MHz; $\sigma = 1.37$ S/m; $\epsilon_r = 40.22$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN7631; ConvF(8.71, 8.71, 8.71) @ 1752.6 MHz; Calibrated: 2024/02/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2024/02/15
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.24 W/kg

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

Reference Value = 33.75 V/m; Power Drift = -0.11 dB

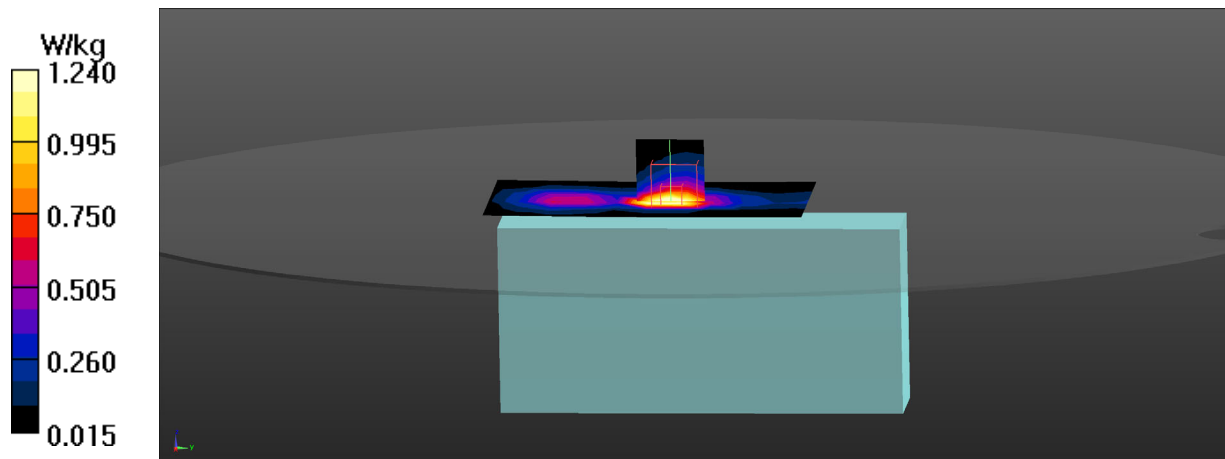
Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 0.889 W/kg; SAR(10 g) = 0.435 W/kg

Smallest distance from peaks to all points 3 dB below = 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 49%

Maximum value of SAR (measured) = 1.47 W/kg



Test Laboratory: DEKRA

Date: 2025/01/16

171_LTE_Band7_QPSK_20M_21100_1RB-0offset_Left-side_5mm_ANT Main - Verify

Communication System: UID 0, LTE Band7; Frequency: 2535 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.92$ S/m; $\epsilon_r = 39.28$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN7631; ConvF(7.97, 7.97, 7.97) @ 2535 MHz; Calibrated: 2024/02/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2024/02/15
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (8x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.41 W/kg

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

Reference Value = 31.14 V/m; Power Drift = 0.02 dB

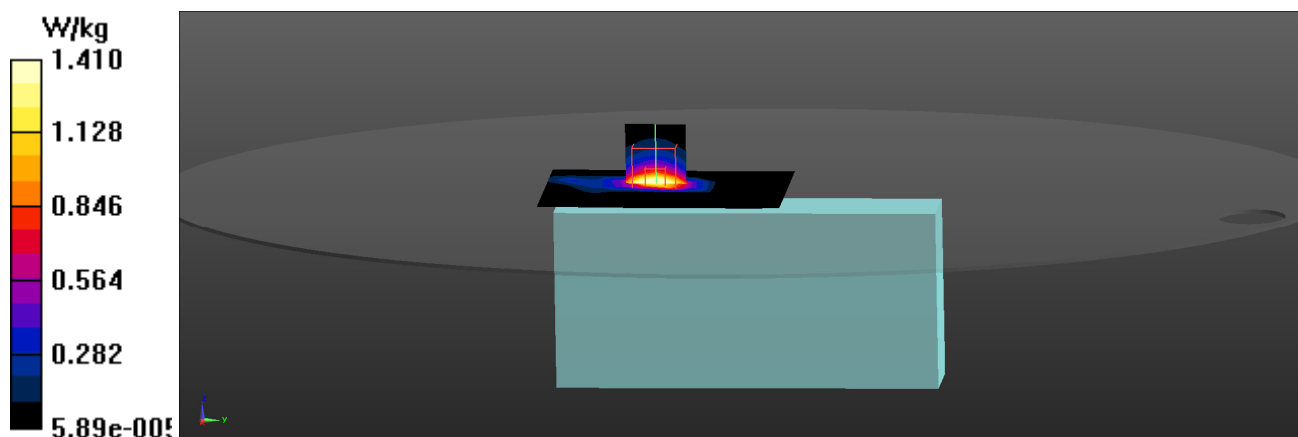
Peak SAR (extrapolated) = 2.16 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.472 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 52.2%

Maximum value of SAR (measured) = 1.76 W/kg



Test Laboratory: DEKRA

Date: 2025/01/19

184_LTE_Band25_QPSK_20M_26365_1RB-0offset_Back_5mm_ANT Main_Verify

Communication System: UID 0, LTE Band25; Frequency: 1882.5 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.41$ S/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3979; ConvF(6.74, 8.55, 7.13) @ 1882.5 MHz; Calibrated: 2024/11/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1425; Calibrated: 2024/11/18
- Phantom: ELI 5.0; Type: QDOVA002AA; Serial: 1199
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (11x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.01 W/kg

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

Reference Value = 28.95 V/m; Power Drift = -0.13 dB

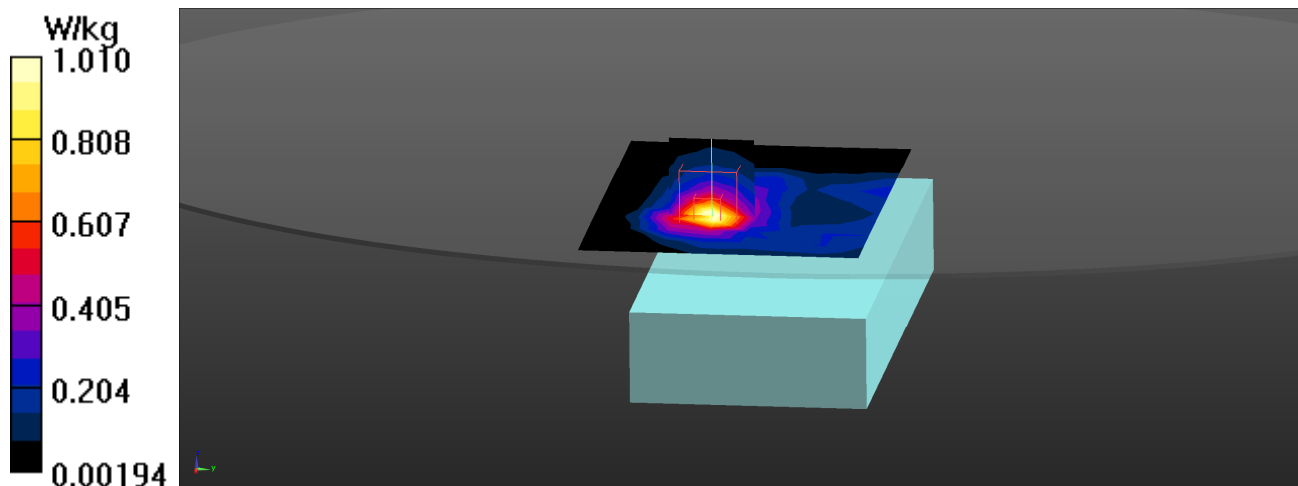
Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.766 W/kg; SAR(10 g) = 0.402 W/kg

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 57.6%

Maximum value of SAR (measured) = 1.17 W/kg



Test Laboratory: DEKRA

Date: 2025/01/16

112_LTE_Band41_QPSK_20M_40620_1RB-0offset_Left-side_5mm_ANT Main - Verify

Communication System: UID 0, LTE-TDD Band41; Frequency: 2593 MHz

Communication System PAR: 2.014 dB

Medium parameters used: $f = 2593$ MHz; $\sigma = 1.97$ S/m; $\epsilon_r = 39.34$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3979; ConvF(6.25, 7.93, 6.62) @ 2593 MHz; Calibrated: 2024/11/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1425; Calibrated: 2024/11/18
- Phantom: ELI 5.0; Type: QDOVA002AA; Serial: 1199
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (9x13x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.57 W/kg

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

Reference Value = 29.85 V/m; Power Drift = 0.08 dB

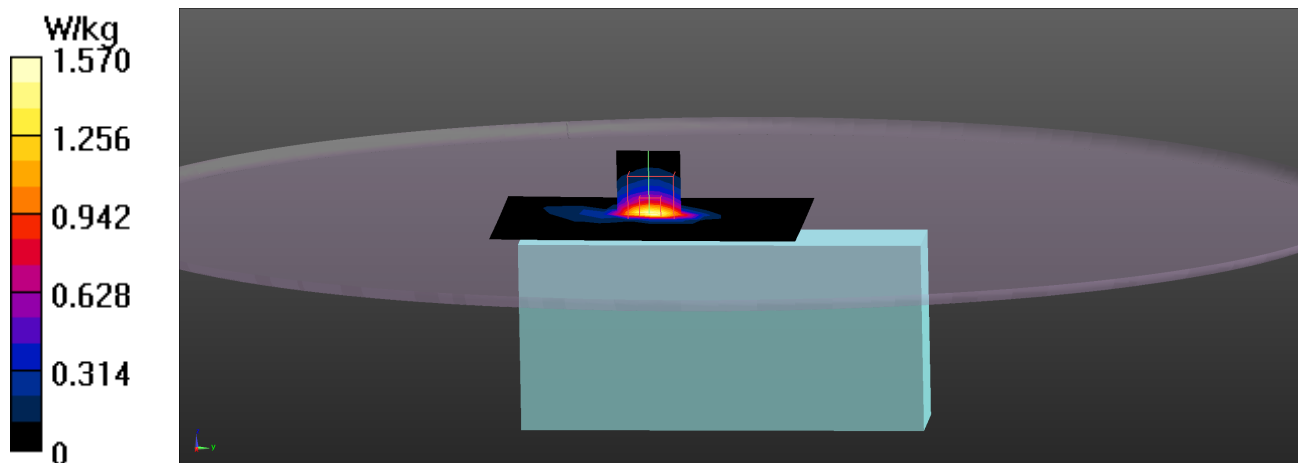
Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 0.970 W/kg; SAR(10 g) = 0.440 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 54.9%

Maximum value of SAR (measured) = 1.56 W/kg



Test Laboratory: DEKRA

Date: 2025/01/17

161_LTE_Band66_QPSK_20M_132322_1RB-0offset_Left-side_5mm_ANT Main - Verify

Communication System: UID 0, FCC LTE Band66; Frequency: 1745 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.37$ S/m; $\epsilon_r = 40.23$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3979; ConvF(6.92, 8.78, 7.33) @ 1745 MHz; Calibrated: 2024/11/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1425; Calibrated: 2024/11/18
- Phantom: ELI 5.0; Type: QDOVA002AA; Serial: 1199
- Measurement SW: DASYS2, Version 52.10 (4);

Configuration/Flat/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.56 W/kg

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

Reference Value = 37.73 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.26 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.526 W/kg

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 48.2%

Maximum value of SAR (measured) = 1.85 W/kg

