

GSM1900 ANT 4

Frequency: 1909.8 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 1910$ MHz; $\sigma = 1.422$ S/m; $\epsilon_r = 35.823$; $\rho = 1000$ kg/m³

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.1, 8.1, 8.1) @ 1909.8 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

LHS/ Reverse Charge Touch_GPRS 2 slots_ch 810/Area Scan (10x15x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

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

LHS/ Reverse Charge Touch_GPRS 2 slots_ch 810/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 24.50 V/m; Power Drift = 0.13 dB

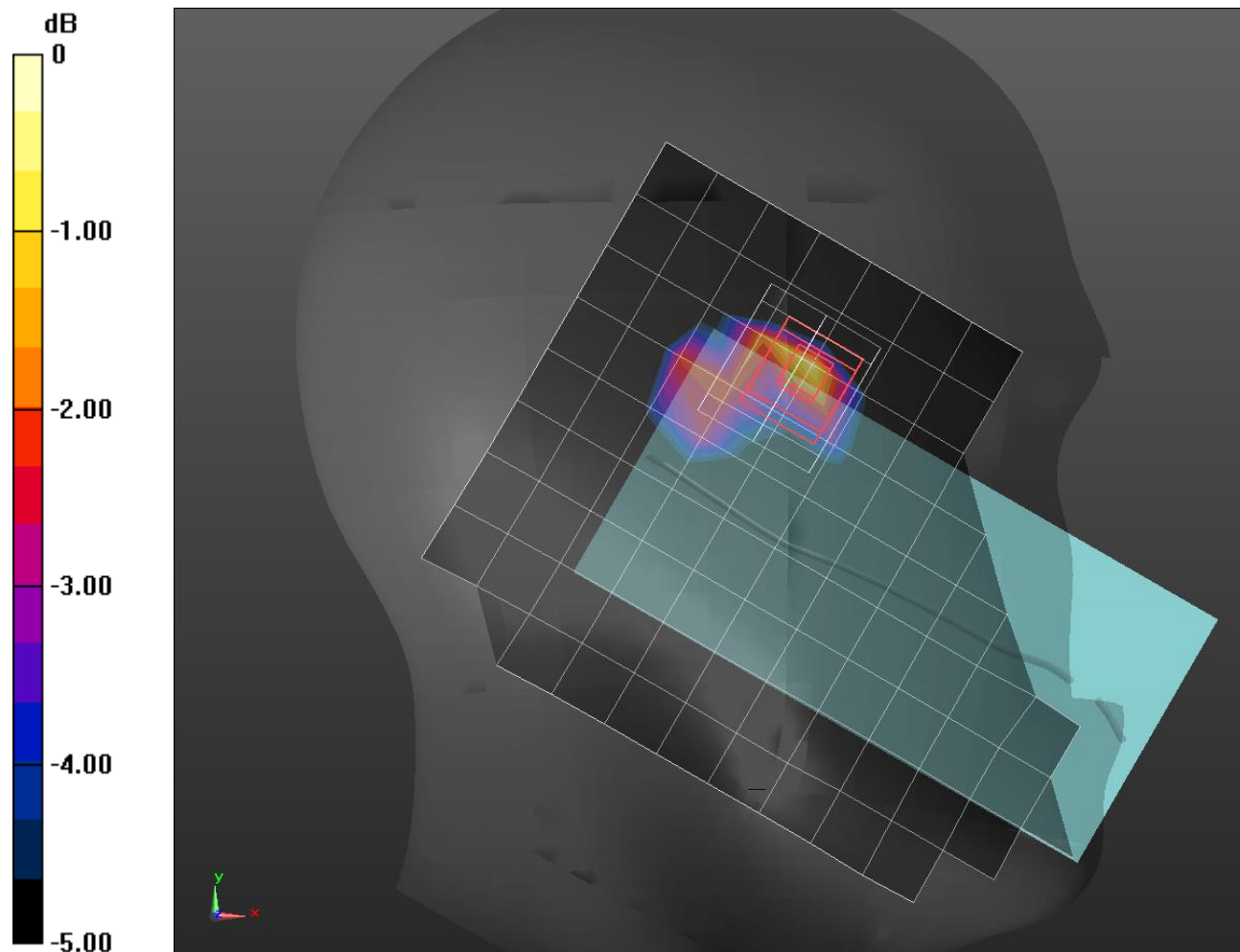
Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.696 W/kg; SAR(10 g) = 0.348 W/kg

Smallest distance from peaks to all points 3 dB below = 6.5 mm

Ratio of SAR at M2 to SAR at M1 = 49.9%

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



0 dB = 1.17 W/kg = 0.68 dBW/kg

W-CDMA Band V ANT 2

Frequency: 846.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
 Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 0.884$ S/m; $\epsilon_r = 39.943$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1546; Calibrated: 3/22/2022
- Probe: EX3DV4 - SN7501; ConvF(9.8, 9.8, 9.8) @ 846.6 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

RHS/ Reverse Charge _Touch_RMC Rel. 99_ch 4233/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.04 W/kg

RHS/ Reverse Charge _Touch_RMC Rel. 99_ch 4233/Zoom Scan (6x6x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.81 V/m; Power Drift = -0.18 dB

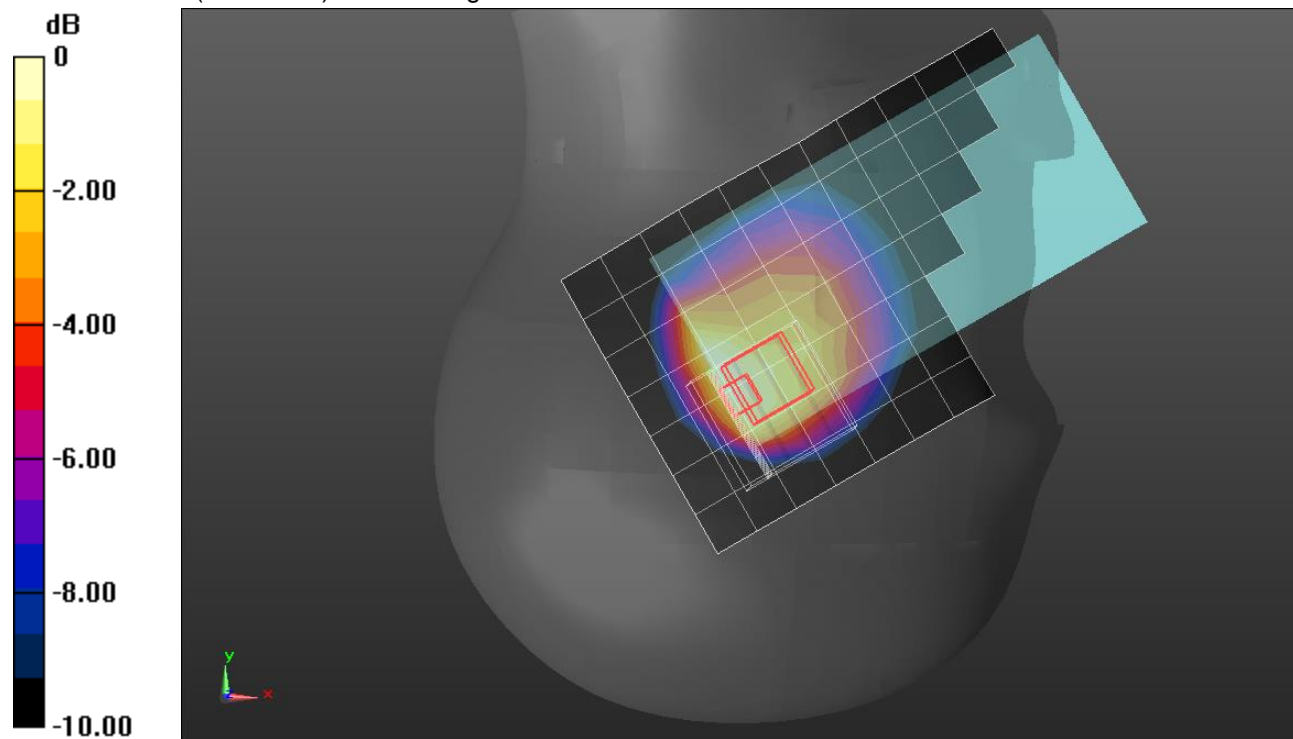
Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.735 W/kg; SAR(10 g) = 0.478 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 46%

Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg = 0.33 dBW/kg

LTE Band 48 ANT 8

Frequency: 3560 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: $f = 3560$ MHz; $\sigma = 2.9$ S/m; $\epsilon_r = 39.645$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1258; Calibrated: 3/18/2022
- Probe: EX3DV4 - SN7356; ConvF(7.2, 7.2, 7.2) @ 3560 MHz; Calibrated: 3/24/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1956

RHS/ Reverse Charge _Touch_ QPSK RB 1,49 Ch 55340/Area Scan (10x16x1): Measurement

grid: dx=12mm, dy=12mm

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

RHS/ Reverse Charge _Touch_ QPSK RB 1,49 Ch 55340/Zoom Scan (8x7x8)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 18.33 V/m; Power Drift = -0.13 dB

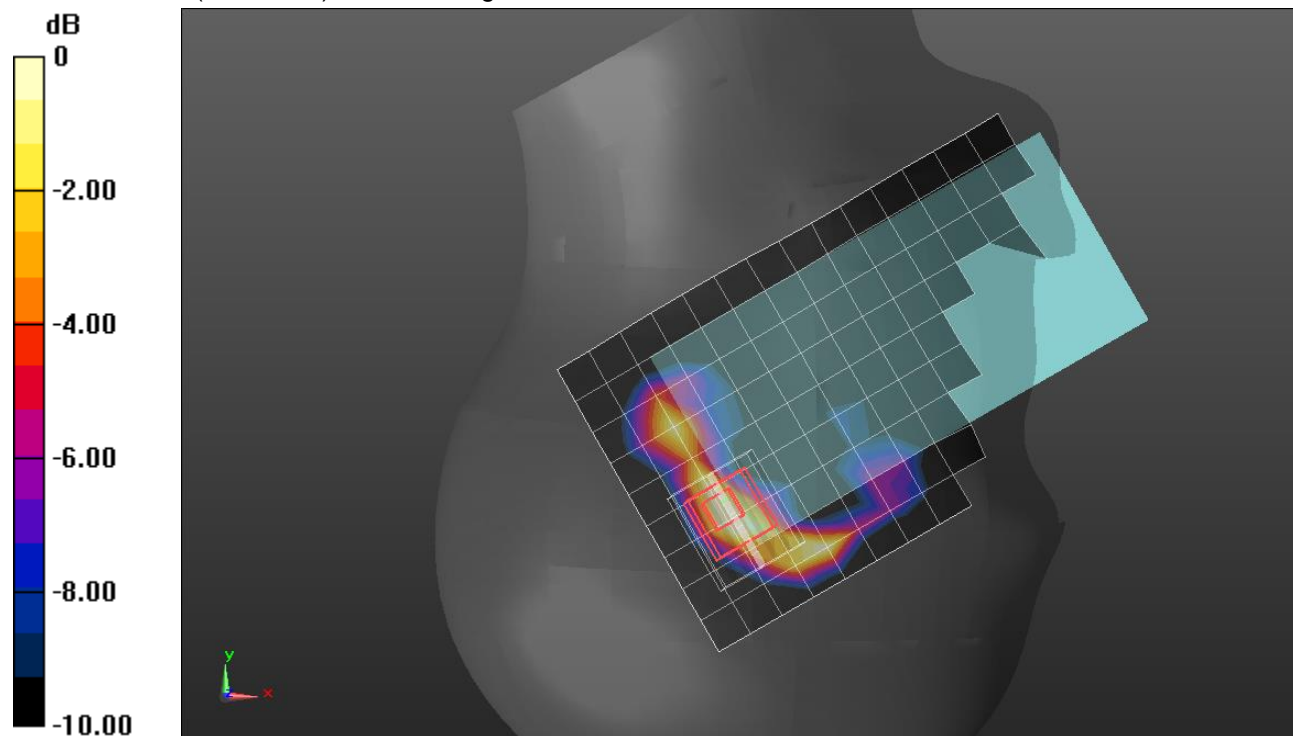
Peak SAR (extrapolated) = 2.69 W/kg

SAR(1 g) = 0.775 W/kg; SAR(10 g) = 0.237 W/kg

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 41%

Maximum value of SAR (measured) = 0.933 W/kg



0 dB = 0.933 W/kg = -0.30 dBW/kg

n25 ANT 4

Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.408$ S/m; $\epsilon_r = 35.841$; $\rho = 1000$ kg/m³

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1545; Calibrated: 2/23/2022
- Probe: EX3DV4 - SN7500; ConvF(8.1, 8.1, 8.1) @ 1882.5 MHz; Calibrated: 3/25/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 AA; Serial: 1948

LHS/ Reverse Charge Touch_pi/2 BPSK RB 108,54 Ch 376500 2/Area Scan (7x11x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.33 W/kg

LHS/ Reverse Charge Touch_pi/2 BPSK RB 108,54 Ch 376500 2/Zoom Scan

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

Reference Value = 32.08 V/m; Power Drift = 0.03 dB

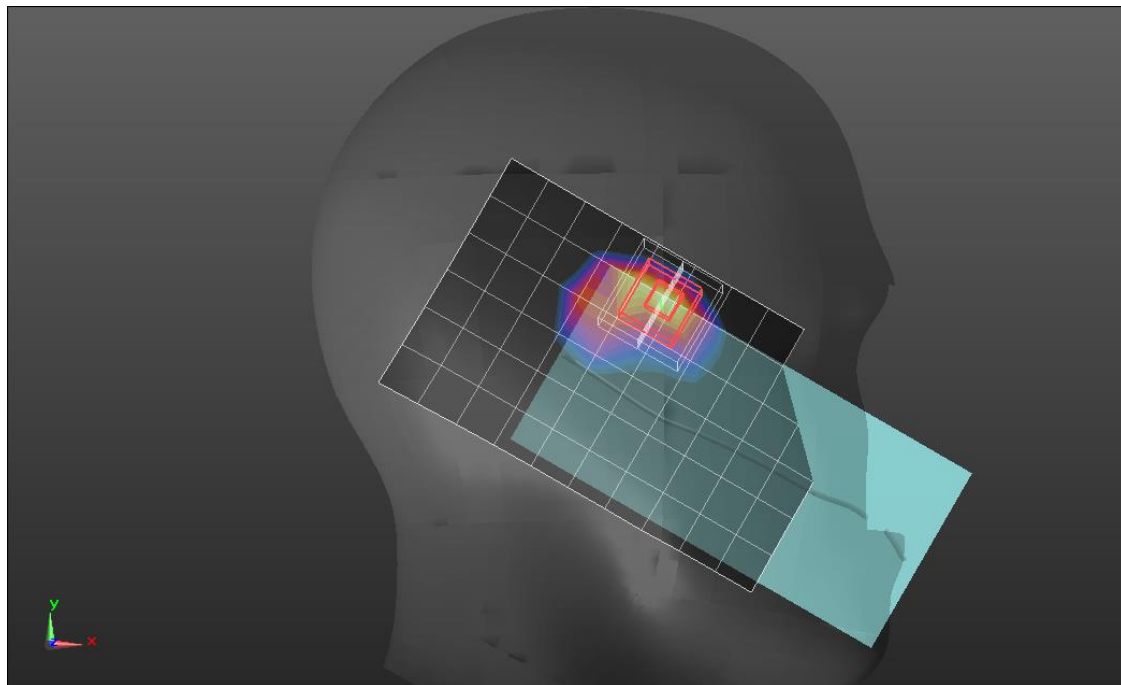
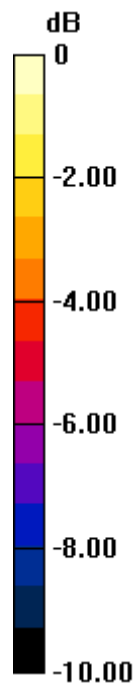
Peak SAR (extrapolated) = 1.89 W/kg

SAR(1 g) = 0.803 W/kg; SAR(10 g) = 0.364 W/kg

Smallest distance from peaks to all points 3 dB below = 4.9 mm

Ratio of SAR at M2 to SAR at M1 = 44%

Maximum value of SAR (measured) = 1.58 W/kg



0 dB = 1.58 W/kg = 1.99 dBW/kg

Wi-Fi 2.4GHz ANT 4 CELL OFF

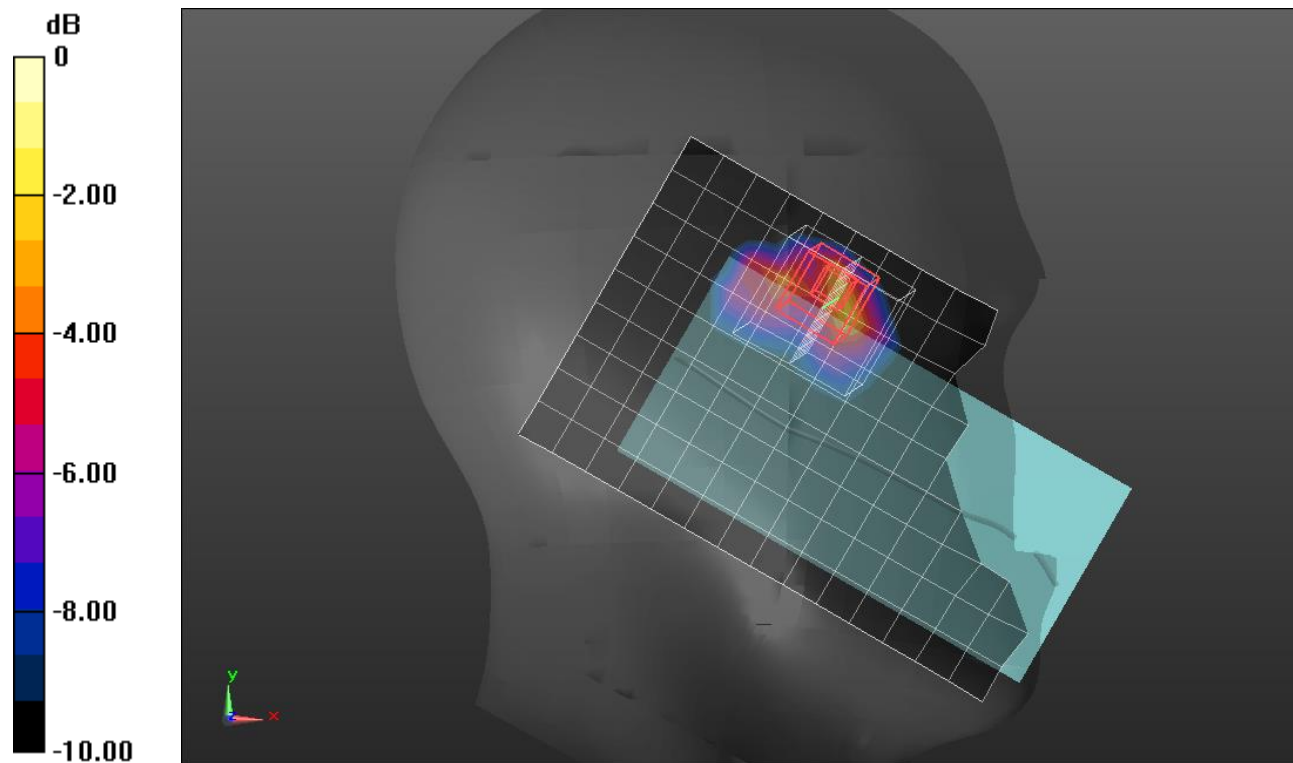
Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.786$ S/m; $\epsilon_r = 39.598$; $\rho = 1000$ kg/m³

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/20/2021
- Probe: EX3DV4 - SN3885; ConvF(7.39, 7.39, 7.39) @ 2437 MHz; Calibrated: 9/23/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

LHS/ Reverse Charge Touch_802.11b_ch 6/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.653 W/kg

LHS/ Reverse Charge Touch_802.11b_ch 6/Zoom Scan (8x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.99 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.608 W/kg; SAR(10 g) = 0.258 W/kg
Smallest distance from peaks to all points 3 dB below = 6 mm
Ratio of SAR at M2 to SAR at M1 = 42.1%
Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg = 0.25 dBW/kg

Wi-Fi 5.3GHz ANT 6 CELL OFF

Frequency: 5270 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $f = 5270$ MHz; $\sigma = 4.502$ S/m; $\epsilon_r = 36.553$; $\rho = 1000$ kg/m³

Dasy Configuration:

- Area Scan Setting: Find Secondary Maximum within 2.0 dB and with a peak SAR value greater than 0.0012 W/kg
- Electronics: DAE4 Sn1472; Calibrated: 1/7/2022
- Probe: EX3DV4 - SN7585; ConvF(5.3, 5.3, 5.3) @ 5270 MHz; Calibrated: 4/27/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx

RHS/ Reverse Charge Touch_802.11n_HT40 Ch 54/Area Scan (11x19x1): Measurement grid:

$dx=10$ mm, $dy=10$ mm

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

RHS/ Reverse Charge Touch_802.11n_HT40 Ch 54/Zoom Scan (10x10x12)/Cube 0:

Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 15.81 V/m; Power Drift = 0.13 dB

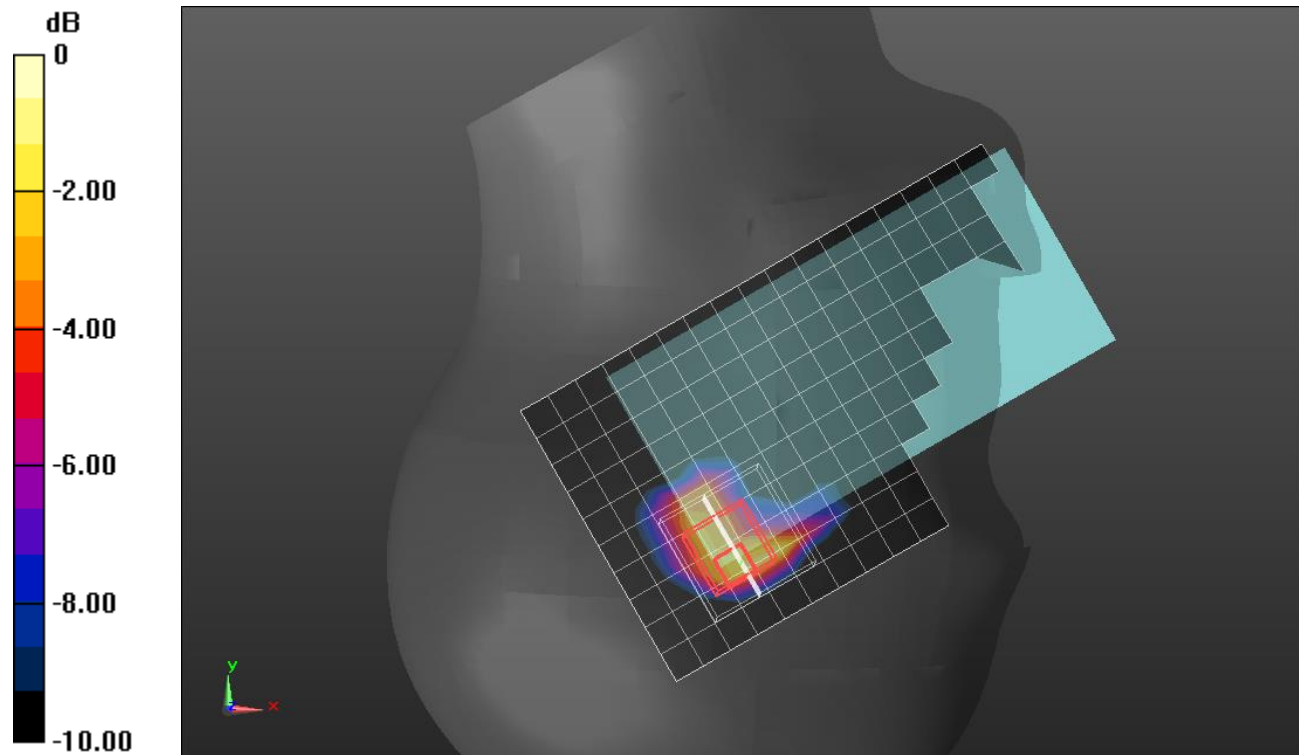
Peak SAR (extrapolated) = 2.65 W/kg

SAR(1 g) = 0.635 W/kg; SAR(10 g) = 0.243 W/kg

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 53.2%

Maximum value of SAR (measured) = 1.73 W/kg



0 dB = 1.73 W/kg = 2.38 dBW/kg

Measurement Report for AA2107, EDGE RIGHT, Custom Band, UID 0 -, Channel 2032499 (25200.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
, AA2107	147.0 x 71.0 x 7.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	EDGE RIGHT, 2.00	Custom Band	CW, 0--	25200.0, 2032499	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- xxxx	---Air	EUmmWV4 - SN9496_F1-55GHz, 2022-02-24	DAE4ip Sn1619, 2022-04-21

Scan Setup

	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.25 x 0.25
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-08-16, 21:12
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	3.90
psPDtot+ [W/m ²]	5.50
psPDmod+ [W/m ²]	6.33
E _{max} [V/m]	114
Power Drift [dB]	0.07

Warning(s) / Error(s)

Details	5G Scan
Warning(s) Error(s)	Measurement area not sufficient according to IEC 63195.

