



REPORT No.: SZ25100352S01

Annex D Plots of Maximum SAR & PD Test Results

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2025.11.28

LTE Band 5_10MHz_QPSK_1RB_0Offset_Front Side_10mm_Ch20525

Communication System: UID 0, LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL_900 Medium parameters used: $f = 836.5 \text{ MHz}$; $\sigma = 0.955 \text{ S/m}$; $\epsilon_r = 41.079$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(9.15, 9.08, 8.35) @ 836.5 MHz; Calibrated: 2025.03.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2025.03.21
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch20525/Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.504 W/kg

Ch20525/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.91 V/m; Power Drift = 0.00 dB

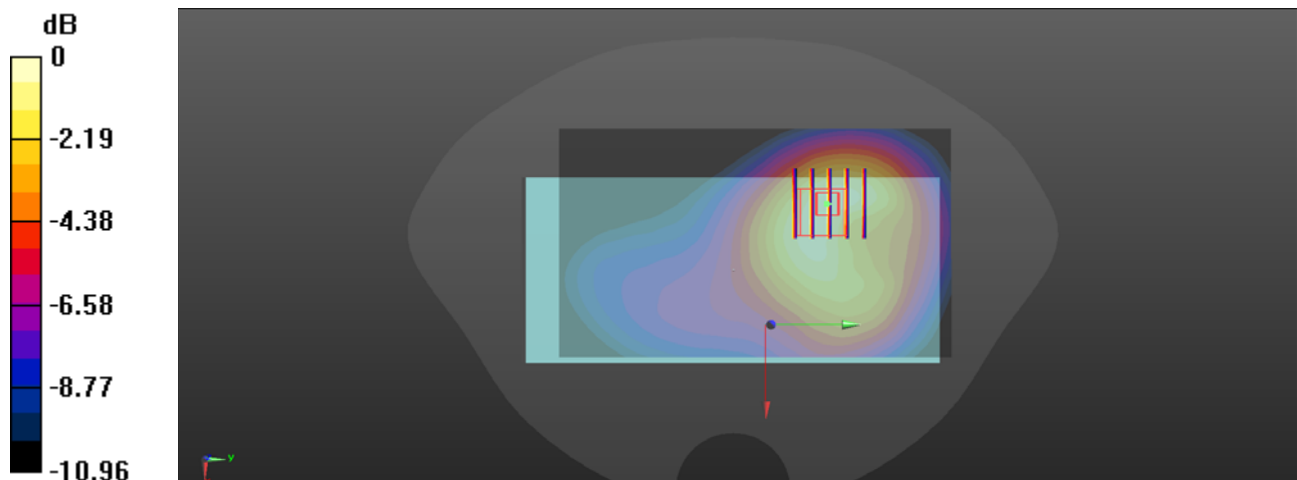
Peak SAR (extrapolated) = 0.620 W/kg

SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.179 W/kg

Smallest distance from peaks to all points 3 dB below = 18.2 mm

Ratio of SAR at M2 to SAR at M1 = 65.9%

Maximum value of SAR (measured) = 0.518 W/kg



0 dB = 0.518 W/kg = -2.86 dBW/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2025.11.29

WLAN 2.4GHz_802.11b_1Mbps_Front Side_10mm_Ch13_Ant1

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2472 MHz; Duty Cycle: 1:1.011
Medium: HSL_2450 Medium parameters used: $f = 2472$ MHz; $\sigma = 1.762$ S/m; $\epsilon_r = 38.862$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.57, 7.51, 6.91) @ 2472 MHz; Calibrated: 2025.03.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2025.03.21
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch13/Area Scan (81x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.458 W/kg

Ch13/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.914 V/m; Power Drift = -0.13 dB

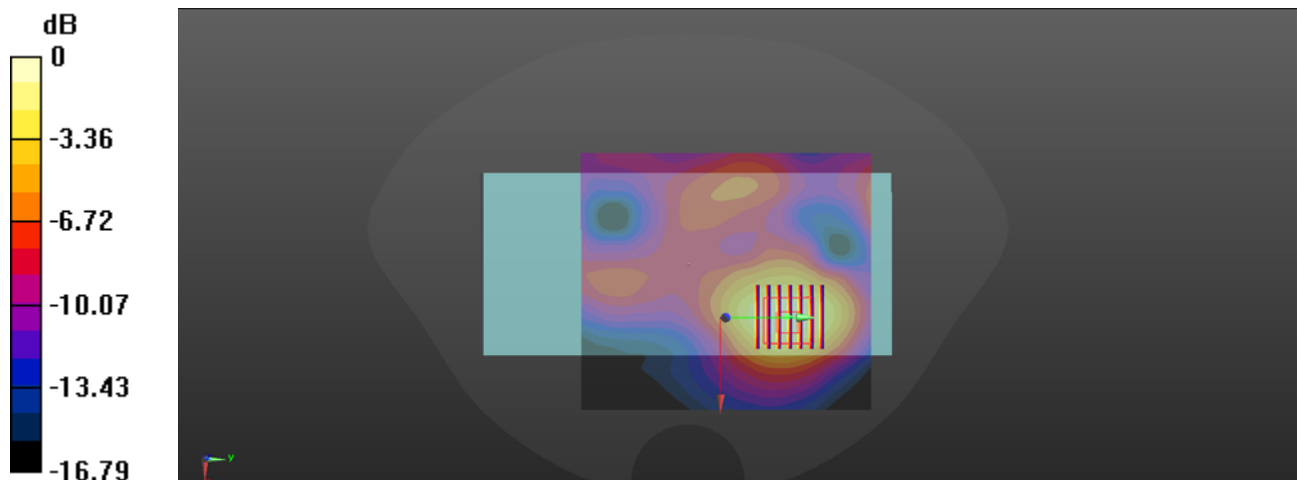
Peak SAR (extrapolated) = 0.577 W/kg

SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.158 W/kg

Smallest distance from peaks to all points 3 dB below = 13 mm

Ratio of SAR at M2 to SAR at M1 = 60%

Maximum value of SAR (measured) = 0.468 W/kg



0 dB = 0.468 W/kg = -3.30 dBW/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2025.11.29

WLAN 5.2GHz_802.11a 6Mbps_Front Side_10mm_Ch44_Ant2

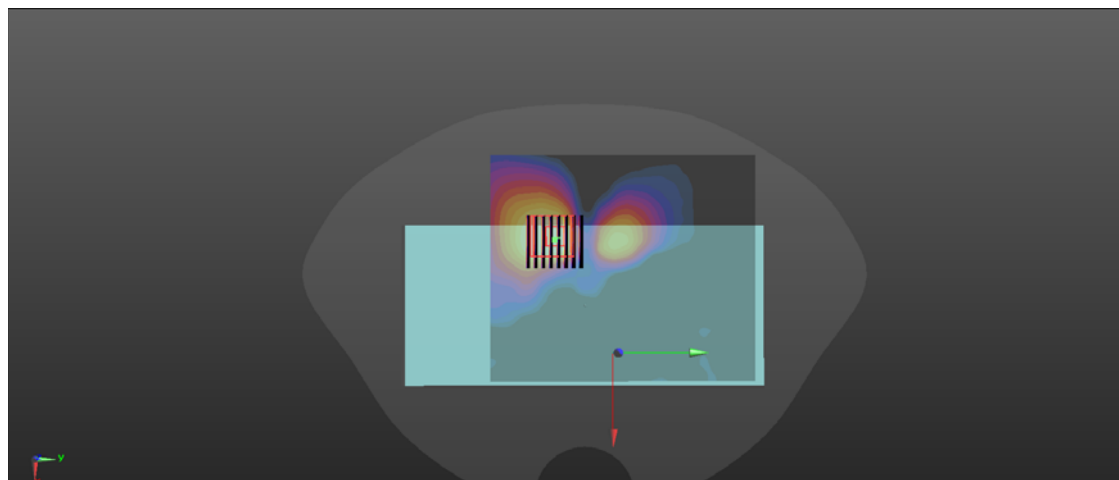
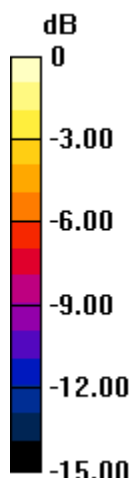
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5220 MHz; Duty Cycle: 1:1.069
Medium: HSL_5250 Medium parameters used: $f = 5220 \text{ MHz}$; $\sigma = 4.721 \text{ S/m}$; $\epsilon_r = 34.781$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(5.71, 5.67, 5.21) @ 5220 MHz; Calibrated: 2025.03.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2025.03.21
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch44/Area Scan (121x141x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
Maximum value of SAR (interpolated) = 2.55 W/kg

Ch44/Zoom Scan (8x8x15)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$
Reference Value = 1.162 V/m ; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 2.82 W/kg
SAR(1 g) = 0.976 W/kg ; SAR(10 g) = 0.396 W/kg
Smallest distance from peaks to all points 3 dB below = 10.4 mm
Ratio of SAR at M2 to SAR at M1 = 62.4%
Maximum value of SAR (measured) = 1.68 W/kg



0 dB = $1.68 \text{ W/kg} = 2.25 \text{ dBW/kg}$

Measurement Report for Device, FRONT, U-NII-7, IEEE 802.11ax (80MHz, MCS0, 99pc duty cycle), Channel 151 (6750.000 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	190.0 x 80.0 x 20.0		Phone

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, Head Simulating Liquid	FRONT, 10.00	U-NII-7	WLAN, 10707-AAC	6750.000, 151	5.39	6.39	33.6

Hardware Setup

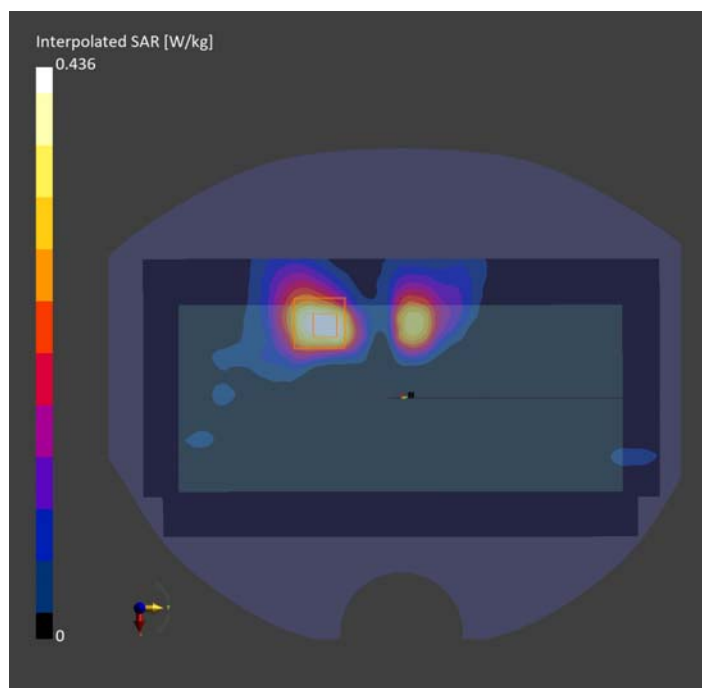
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2020	HBBL-600-10000 Charge:xxxx, --	EX3DV4 – SN7608, 2025-03-20	DAE4 Sn1643, 2025-03-21

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	119.0 x 221.0	22.0 x 22.0 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	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-01-18, 20:37	2026-01-18, 20:51
psSAR1g [W/kg]	0.358	0.280
psSAR10g [W/kg]	0.140	0.189
psAPD (1.0cm2, sq) [W/m2]		2.80
psAPD (4.0cm2, sq) [W/m2]		0.554
Power Drift [dB]	-0.07	0.11
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		56.9
Dist 3dB Peak [mm]		9.3



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2025.11.29

Bluetooth_DH5_Front Side_10mm_Ch78_Ant1

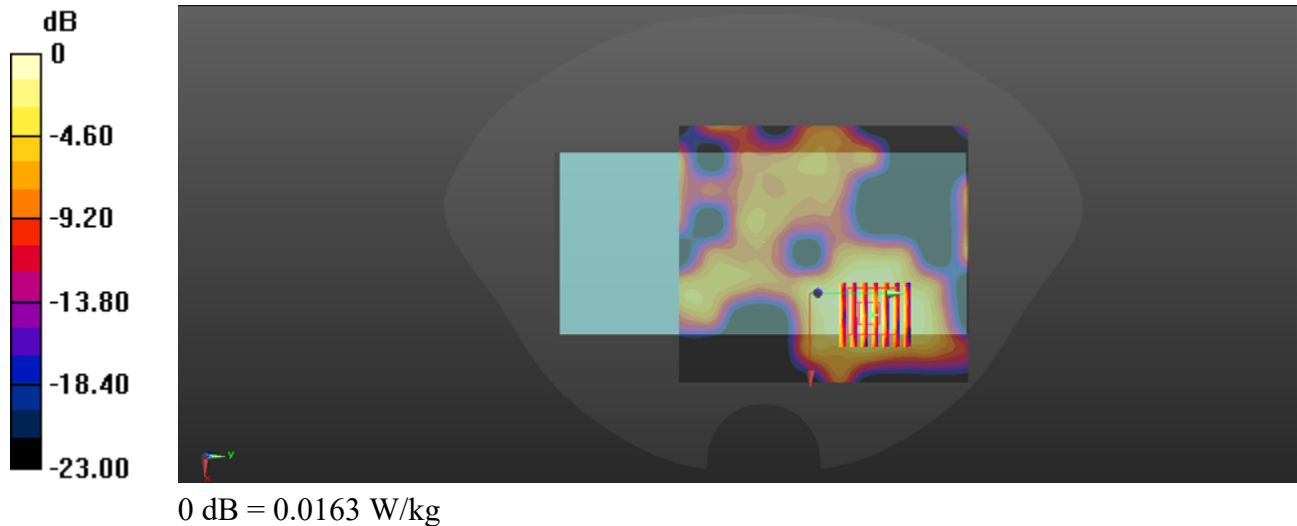
Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.084
Medium: HSL_2450 Medium parameters used: $f = 2480 \text{ MHz}$; $\sigma = 1.807 \text{ S/m}$; $\epsilon_r = 38.83$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.57, 7.51, 6.91) @ 2480 MHz; Calibrated: 2025.03.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2025.03.21
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch78/Area Scan (81x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.0164 W/kg

Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 0 V/m ; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.0260 W/kg
SAR(1 g) = 0.012 W/kg ; SAR(10 g) = 0.006 W/kg
Smallest distance from peaks to all points 3 dB below = 10.6 mm
Ratio of SAR at M2 to SAR at M1 = 56.8%
Maximum value of SAR (measured) = 0.0163 W/kg



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2025.11.29

WLAN 2.4GHz_802.11b_1Mbps_Front Side_0mm_Ch13_Ant1

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2472 MHz; Duty Cycle: 1:1.011
Medium: HSL_2450 Medium parameters used: $f = 2472$ MHz; $\sigma = 1.762$ S/m; $\epsilon_r = 38.862$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.57, 7.51, 6.91) @ 2472 MHz; Calibrated: 2025.03.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2025.03.21
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch1/Area Scan (81x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.93 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.207 V/m; Power Drift = -0.12 dB

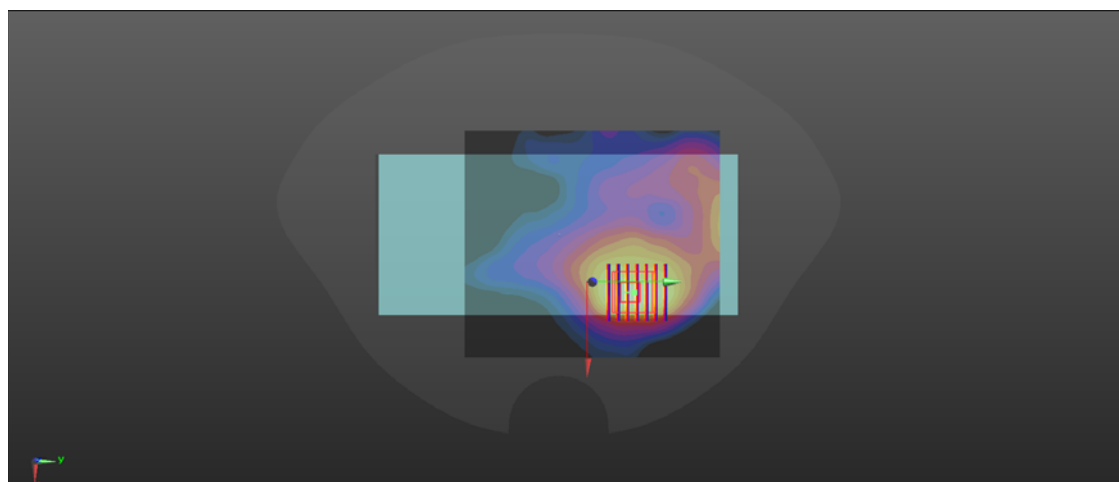
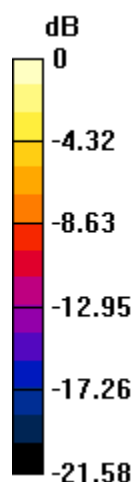
Peak SAR (extrapolated) = 3.23 W/kg

SAR(1 g) = 1.327 W/kg; SAR(10 g) = 0.581 W/kg

Smallest distance from peaks to all points 3 dB below = 7 mm

Ratio of SAR at M2 to SAR at M1 = 46.7%

Maximum value of SAR (measured) = 2.36 W/kg



0 dB = 1.93 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2025.11.29

WLAN 5.2GHz_802.11a 6Mbps_Front Side_0mm_Ch44_Ant2

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5220 MHz; Duty Cycle: 1:1.069

Medium: HSL_5250 Medium parameters used: $f = 5220$ MHz; $\sigma = 4.721$ S/m; $\epsilon_r = 34.781$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(5.71, 5.67, 5.21) @ 5220 MHz; Calibrated: 2025.03.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2025.03.21
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch44/Area Scan (121x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 12.4 W/kg

Ch44/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = -0.05 dB

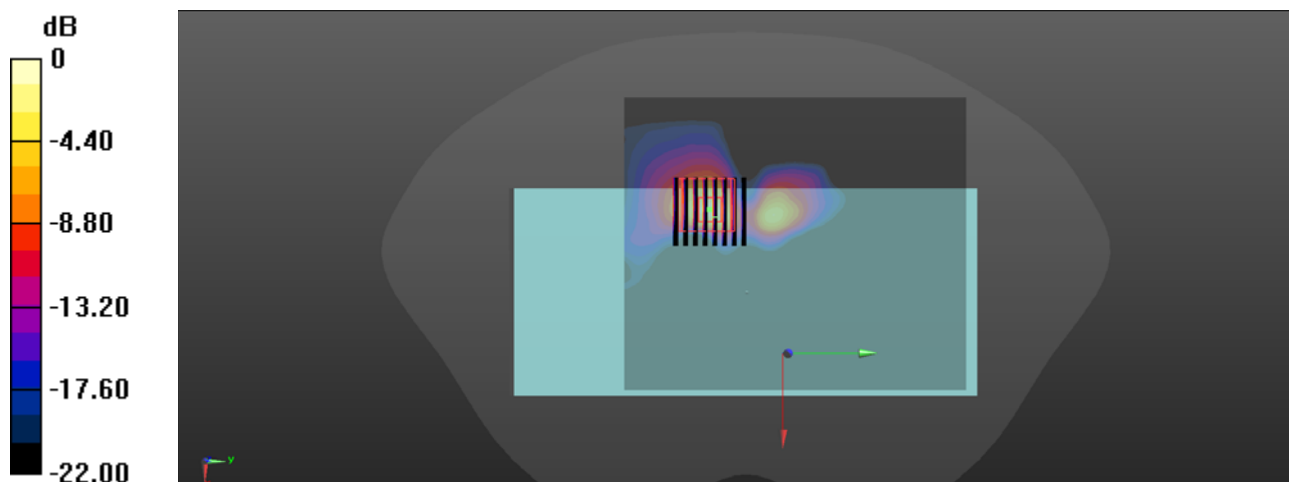
Peak SAR (extrapolated) = 16.5 W/kg

SAR(1 g) = 4.53 W/kg; SAR(10 g) = 1.3 W/kg

Smallest distance from peaks to all points 3 dB below = 5.6 mm

Ratio of SAR at M2 to SAR at M1 = 58.9%

Maximum value of SAR (measured) = 8.69 W/kg



0 dB = 12.4 W/kg = 10.93 dBW/kg

Measurement Report for Device, FRONT, U-NII-7, IEEE 802.11ax (80MHz, MCS0, 99pc duty cycle), Channel 151 (6750.000 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	190.0 x 80.0 x 20.0		Phone

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, Head Simulating Liquid	FRONT, 0.00	U-NII-7	WLAN, 10707-AAC	6750.000, 151	5.39	6.39	33.6

Hardware Setup

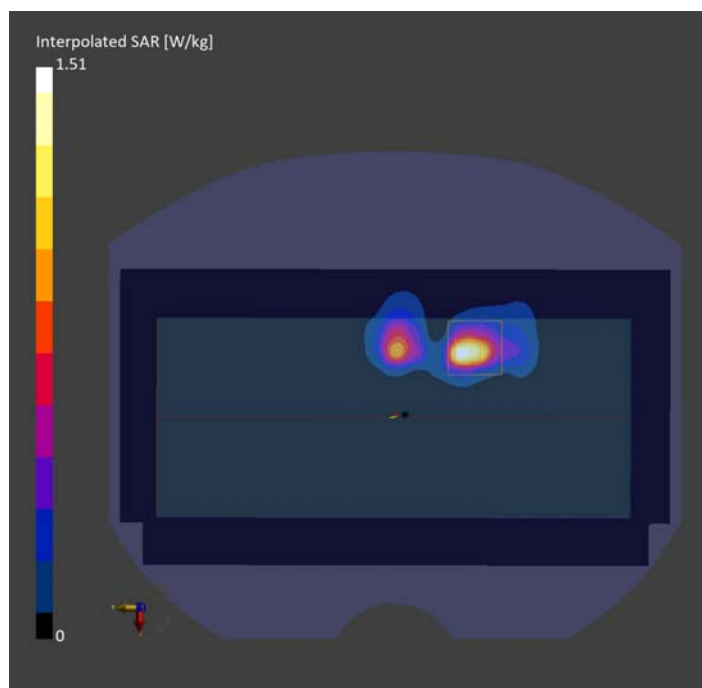
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2020	HBBL-600-10000 Charge:xxxx, --	EX3DV4 – SN7608, 2025-03-20	DAE4 Sn1643, 2025-03-21

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	119.0 x 221.0	22.0 x 22.0 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	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-01-18, 13:01	2025-01-18, 13:24
psSAR1g [W/kg]	0.512	0.446
psSAR10g [W/kg]	0.252	0.197
psAPD (1.0cm2, sq) [W/m2]		4.46
psAPD (4.0cm2, sq) [W/m2]		0.996
Power Drift [dB]	-0.08	-0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		56.4
Dist 3dB Peak [mm]		6.2



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2025.11.28

RFID_902.75_Front Side_10mm

Communication System: UID 0, RFID (0); Frequency: 902.75 MHz; Duty Cycle: 1:1

Medium: HSL_900 Medium parameters used: $f = 902.75 \text{ MHz}$; $\sigma = 0.966 \text{ S/m}$; $\epsilon_r = 40.145$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.1 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(9.15, 9.08, 8.35) @ 902.75 MHz; Calibrated: 2025.03.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2025.03.21
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

902.75 MHz/Area Scan (81x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0181 W/kg

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

Reference Value = 0.508 V/m ; Power Drift = 0.12 dB

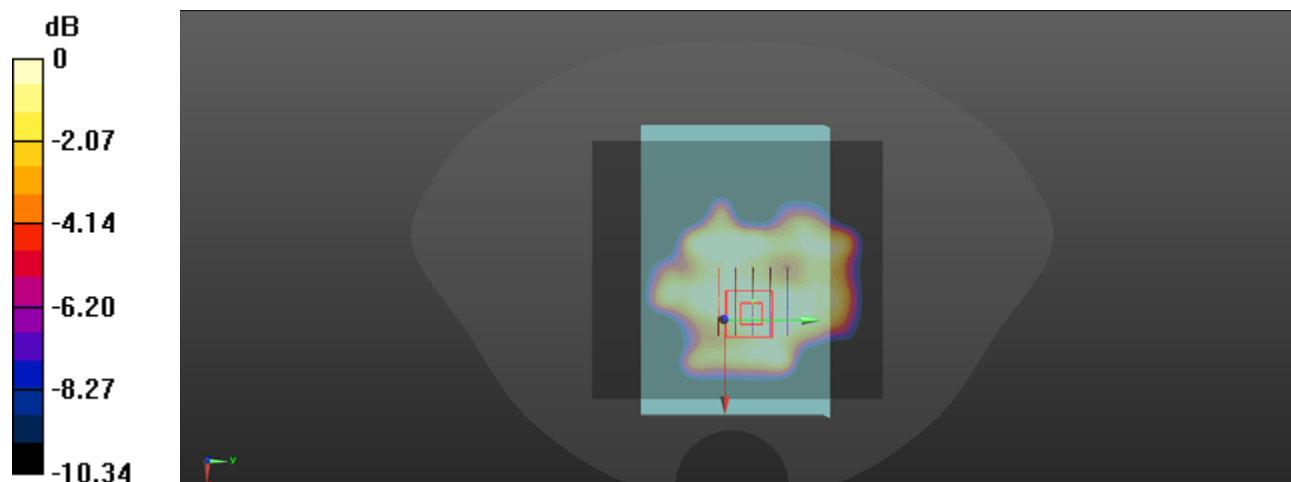
Peak SAR (extrapolated) = 0.0160 W/kg

SAR(1 g) = 0.004 W/kg ; SAR(10 g) = 0.002 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid ($> 16 \text{ mm}$)

Ratio of SAR at M2 to SAR at M1 = 67.1%

Maximum value of SAR (measured) = 0.0118 W/kg



0 dB = 0.0118 W/kg = -19.28 dBW/kg

Measurement Report for Device, EDGE LEFT, U-NII-5, IEEE 802.11ax (80MHz, MCS0, 99pc duty cycle), Channel 51 (6225.0 MHz)

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	190.0 x 90.0 x 135.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	EDGE LEFT, 2.00	U-NII-5	WLAN, 10695-AAC	6225.0, 55	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - xxxx	Air -	EUmmWV4 - SN9602_F1-55GHz, 2025-03-19	DAE4 Sn1643, 2025-03-21

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

Scan Type	5G Scan
Date	2026-01-20, 10:08
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.49
psPDtot+ [W/m ²]	1.75
psPDmod+ [W/m ²]	1.93
E _{max} [V/m]	32.8
Power Drift [dB]	0.03

