

17. Test System Verification Results

Eurofins KCTL Co.,Ltd.

Measurement Report for CLA13, FRONT, CLA13, UID 0 --,(13.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	Serial Number	DUT Type
CLA13, Speag	222.0 x 222.0 x 97.5	1019	Validation Dipole

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	CLA13	CW, 0--	13.000,	14.72	0.720	55.9

Hardware Setup

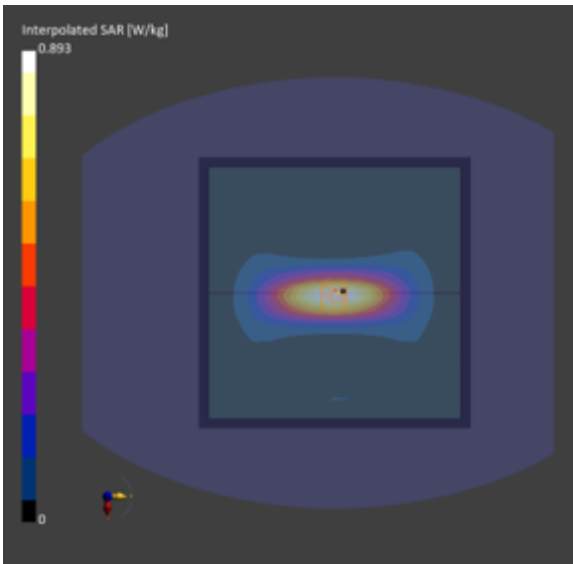
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 - 2097	HBBL4-250V3, 2025-01-23	EX3DV4 - SN3928, 2024-02-22	DAE4 Sn1756, 2024-09-13

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	240.0 x 240.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	No	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface	VMS + 6p	VMS + 6p
Detection		
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-23	2025-01-23
psSAR1g [W/kg]	0.536	0.518
psSAR8g [W/kg]	0.449	0.345
psSAR10g [W/kg]	0.435	0.326
psAPD (1.0cm2, sq) [W/m2]		N/A
psAPD (4.0cm2, sq) [W/m2]		N/A
Power Drift [dB]		0.01



Date: 2025-01-03

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [1. 750 MHz Verification Input Power 250 mW 2025-01-03.da52:0](#)

DUT: Dipole 750 MHz D750V3, Type: D750V3, Serial: D750V3 - SN:1224

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.908 \text{ S/m}$; $\epsilon_r = 40.101$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7772; ConvF(8.16, 8.02, 8.55) @ 750 MHz; Calibrated: 2024-09-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2024-07-12
- Phantom: ELI v5.0 sn1178; Type: QDOVA002AA; Serial: TP:1178
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/750 MHz Verification Input Power 250 mW 2025-01-03/Area Scan (7x13x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 2.73 W/kg

Configuration/750 MHz Verification Input Power 250 mW 2025-01-03/Zoom Scan (5x5x7)/Cube 0:

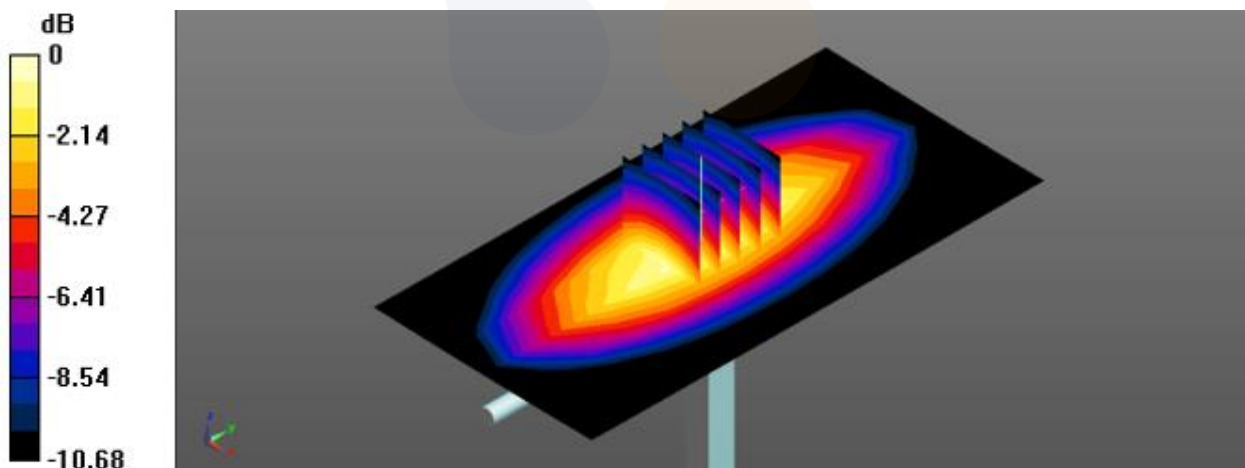
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 58.30 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 3.23 W/kg

SAR(1 g) = 2.16 W/kg; SAR(10 g) = 1.42 W/kg

Maximum value of SAR (measured) = 2.88 W/kg



0 dB = 2.88 W/kg = 4.59 dBW/kg

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Eurofins KCTL Co.,Ltd.

Measurement Report for D750V3 - SN1224, FRONT, D750, UID 0 -, (750.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	Serial Number	DUT Type
D750V3 - SN1224, Speag	10.0 x 10.0 x 330.0	1224	Validation Dipole

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	FRONT, 15.00	D750	CW, 0--	750.000	8.92	0.893	43.9

Hardware Setup

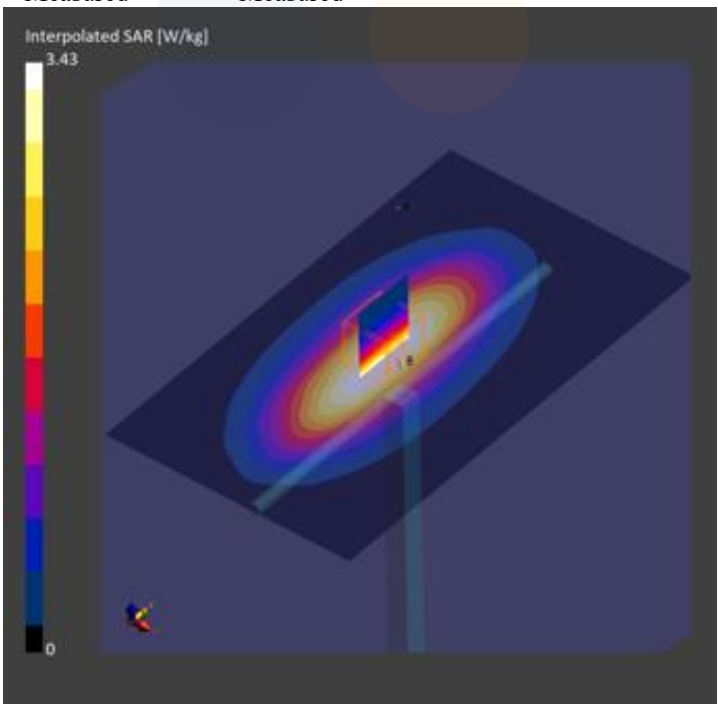
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 - 2189	HBBL-600-10000 , 2025-01-06	EX3DV4 - SN3697, 2024-04-22	DAE4 Sn1759, 2024-11-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	No	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-01-06	2025-01-06
psSAR1g [W/kg]	2.14	2.17
psSAR8g [W/kg]	1.53	1.49
psSAR10g [W/kg]	1.45	1.41
psAPD (1.0cm2, sq) [W/m2]		N/A
psAPD (4.0cm2, sq) [W/m2]		N/A
Power Drift [dB]		0.00
Peak SAR [W/kg]		3.43



Date: 2025-01-09

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [2. 750 MHz Verification Input Power 250 mW 2025-01-09 \(FCC Only\).da52:0](#)

DUT: Dipole 750 MHz D750V3, Type: D750V3, Serial: D750V3 - SN:1224

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 40.428$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

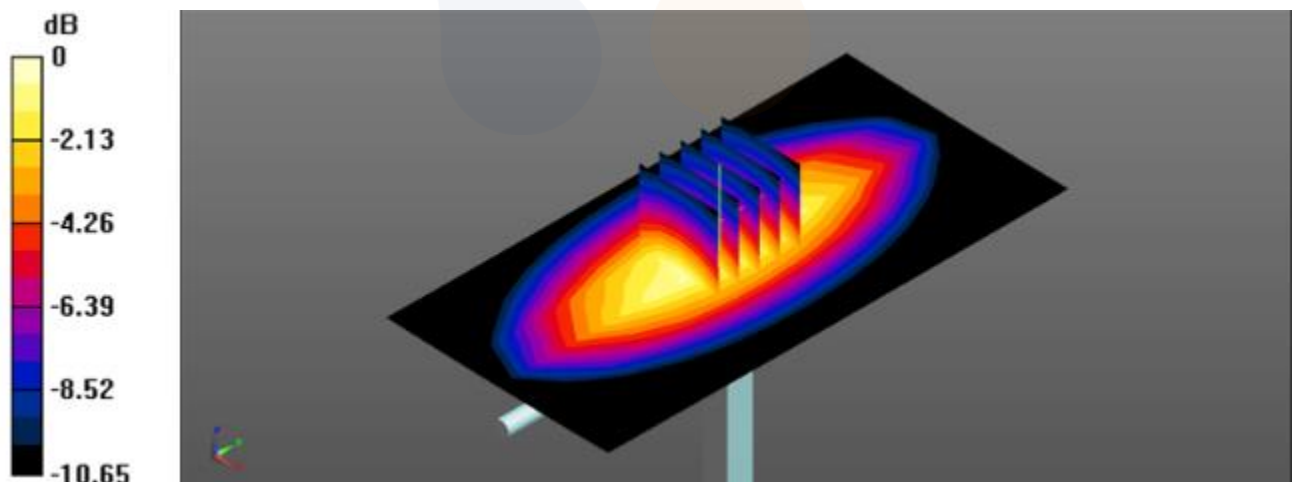
- Probe: EX3DV4 - SN7772; ConvF(8.16, 8.02, 8.55) @ 750 MHz; Calibrated: 2024-09-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2024-07-12
- Phantom: ELI v5.0 sn1178; Type: QDOVA002AA; Serial: TP:1178
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/750 MHz Verification Input Power 250 mW 2025-01-09/Area Scan (7x13x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 2.77 W/kg

Configuration/750 MHz Verification Input Power 250 mW 2025-01-09/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 58.66 V/m; Power Drift = 0.07 dB
 Peak SAR (extrapolated) = 3.27 W/kg
SAR(1 g) = 2.19 W/kg; SAR(10 g) = 1.44 W/kg
 Maximum value of SAR (measured) = 2.92 W/kg



0 dB = 2.92 W/kg = 4.65 dBW/kg

Date: 2025-01-15

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [750 MHz Verification Input Power 250 mW 2025-01-15.da5.da53:0](#)

DUT: Dipole 750 MHz D750V3, Type: D750V3, Serial: D750V3 - SN:1224

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.881 \text{ S/m}$; $\epsilon_r = 43.355$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7840; ConvF(8.95, 8.96, 8.85) @ 750 MHz; Calibrated: 2024-08-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/750 MHz Verification Input Power 250 mW 2025-01-15/Area Scan (7x13x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 2.99 W/kg

Configuration/750 MHz Verification Input Power 250 mW 2025-01-15/Zoom Scan (5x5x7)/Cube 0:

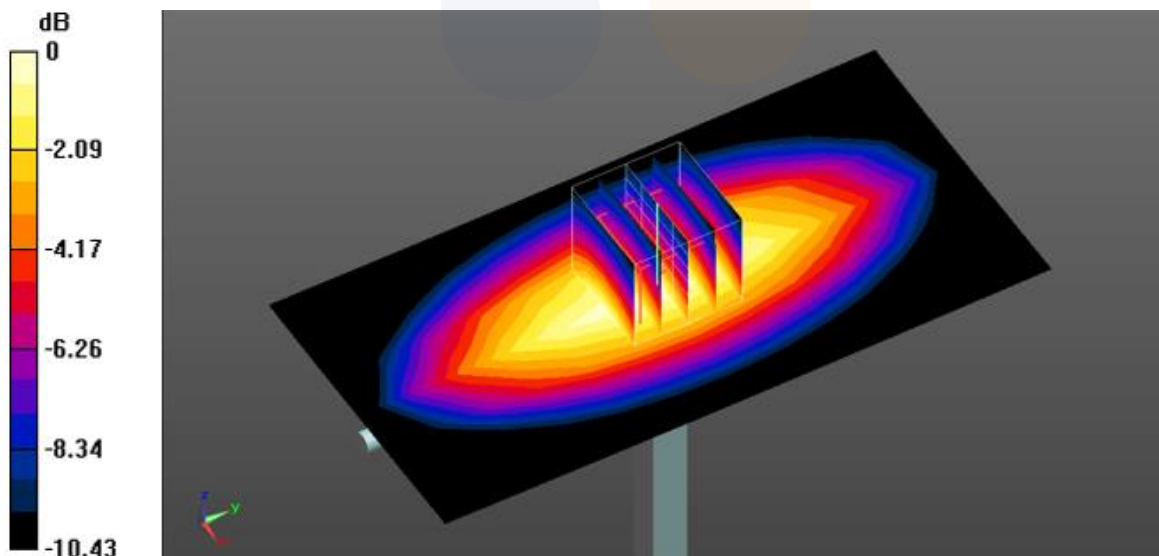
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 60.56 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 3.25 W/kg

SAR(1 g) = 2.18 W/kg; SAR(10 g) = 1.45 W/kg

Maximum value of SAR (measured) = 2.90 W/kg



0 dB = 2.90 W/kg = 4.62 dBW/kg

Date: 2025-01-20

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [6. 750 MHz Verification Input Power 250 mW 2025-01-20.da52:0](#)

DUT: Dipole 750 MHz D750V3, Type: D750V3, Serial: D750V3 - SN:1224

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.911 \text{ S/m}$; $\epsilon_r = 40.602$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7772; ConvF(8.16, 8.02, 8.55) @ 750 MHz; Calibrated: 2024-09-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2024-07-12
- Phantom: ELI v5.0 sn1178; Type: QDOVA002AA; Serial: TP:1178
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/750 MHz Verification Input Power 250 mW 2025-01-20/Area Scan (7x13x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 2.62 W/kg

Configuration/750 MHz Verification Input Power 250 mW 2025-01-20/Zoom Scan (5x5x7)/Cube 0:

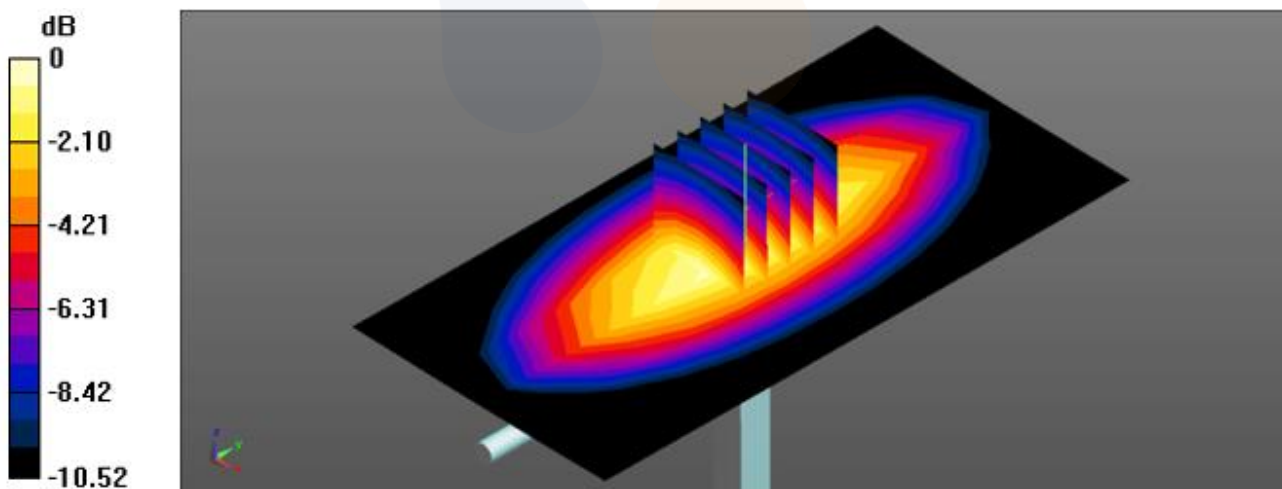
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 57.20 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.07 W/kg

SAR(1 g) = 2.08 W/kg; SAR(10 g) = 1.37 W/kg

Maximum value of SAR (measured) = 2.75 W/kg



0 dB = 2.75 W/kg = 4.39 dBW/kg

Eurofins KCTL Co.,Ltd.

Measurement Report for D850V2 - SN1030, FRONT, D850, UID 0 -, (850.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	Serial Number	DUT Type
D850V2 - SN1030, Speag	10.0 x 10.0 x 346.0	1030	Validation Dipole

Exposure Conditions

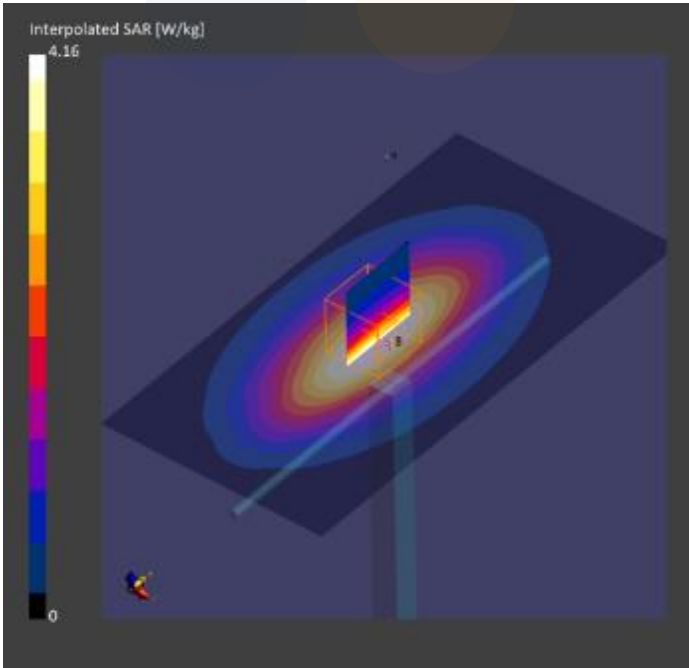
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	FRONT, 15.00	D850	CW, 0--	850.000	8.59	0.943	41.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 - 2189	HBBL-600-10000 , 2025-01-06	EX3DV4 - SN3697, 2024-04-22	DAE4 Sn1759, 2024-11-19

Scan Setup

	Area Scan	Zoom Scan	Measurement Results	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 180.0	32.0 x 32.0 x 30.0	Date	2025-01-06	2025-01-06
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]	2.61	2.63
Sensor Surface [mm]	3.0	1.4	psSAR8g [W/kg]	1.82	1.79
Graded Grid	No	Yes	psSAR10g [W/kg]	1.72	1.69
Grading Ratio	N/A	1.5	psAPD (1.0cm2, sq) [W/m2]		N/A
MAIA	N/A	N/A	psAPD (4.0cm2, sq) [W/m2]		N/A
Surface	VMS + 6p	VMS + 6p	Power Drift [dB]		0.02
Detection			Peak SAR [W/kg]		4.16
Scan Method	Measured	Measured			



Date: 2025-01-09

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [3. 850 MHz Verification Input Power 250 mW 2025-01-09.da52:0](#)

DUT: Dipole 850 MHz D850V2, Type: D850V2, Serial: D850V2 - SN:1030

Communication System: UID 0, CW (0); Frequency: 850 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 850 \text{ MHz}$; $\sigma = 0.953 \text{ S/m}$; $\epsilon_r = 39.636$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7772; ConvF(7.96, 7.82, 8.34) @ 850 MHz; Calibrated: 2024-09-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2024-07-12
- Phantom: ELI v5.0 sn1178; Type: QDOVA002AA; Serial: TP:1178
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/850 MHz Verification Input Power 250 mW 2025-01-09/Area Scan (7x13x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 3.53 W/kg

Configuration/850 MHz Verification Input Power 250 mW 2025-01-09/Zoom Scan (5x5x7)/Cube 0:

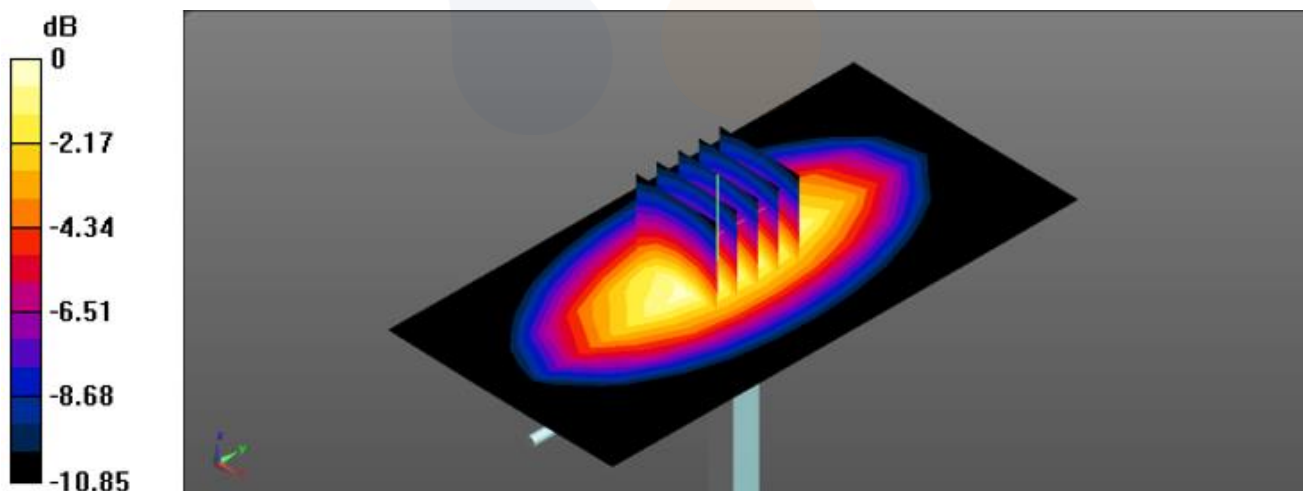
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 62.74 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.85 W/kg

SAR(1 g) = 2.58 W/kg; SAR(10 g) = 1.69 W/kg

Maximum value of SAR (measured) = 3.45 W/kg



0 dB = 3.45 W/kg = 5.38 dBW/kg

Date: 2025-01-13

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [850 MHz Verification Input Power 250 mW 2025-01-13.da5.da53:0](#)

DUT: Dipole 850 MHz D850V2, Type: D850V2, Serial: D850V2 - SN:1030

Communication System: UID 0, CW (0); Frequency: 850 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 850 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 40.424$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

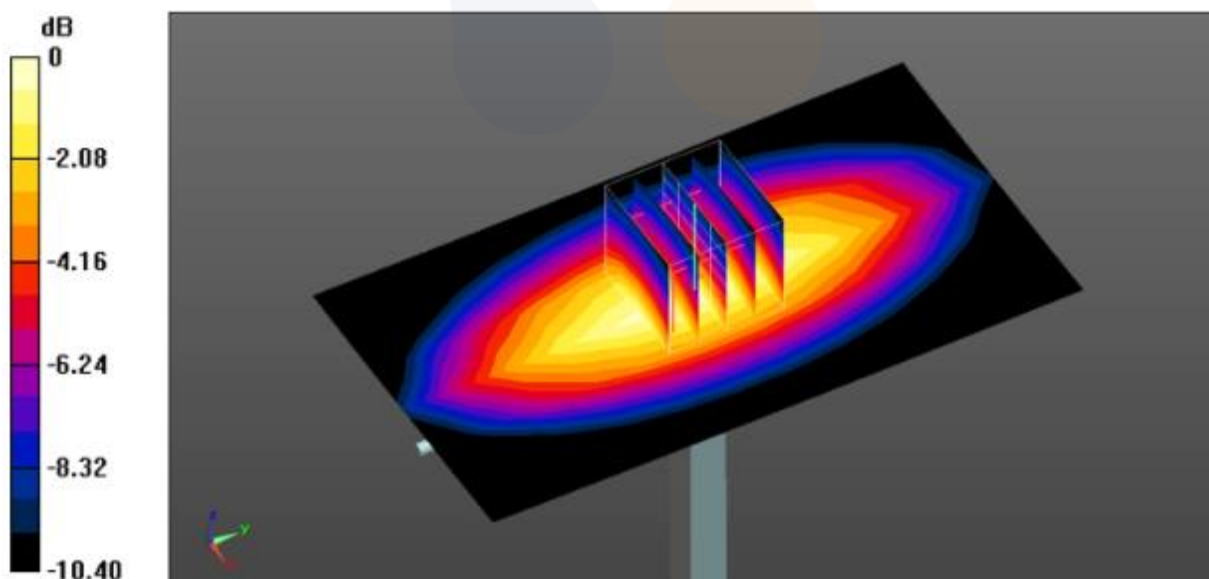
- Probe: EX3DV4 - SN7840;ConvF(8.57, 8.58, 8.47) @ 850 MHz; Calibrated: 2024-08-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/850 MHz Verification Input Power 250 mW 2025-01-13/Area Scan (7x12x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 3.04 W/kg

Configuration/850 MHz Verification Input Power 250 mW 2025-01-13/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 61.42 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 3.48 W/kg
SAR(1 g) = 2.35 W/kg; SAR(10 g) = 1.56 W/kg
Maximum value of SAR (measured) = 3.12 W/kg



0 dB = 3.12 W/kg = 4.94 dBW/kg

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Eurofins KCTL Co.,Ltd.

Measurement Report for D850V2 - SN1030, FRONT, D850, UID 0 -, (850.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	Serial Number	DUT Type
D850V2 - SN1030, Speag	10.0 x 10.0 x 346.0	1030	Validation Dipole

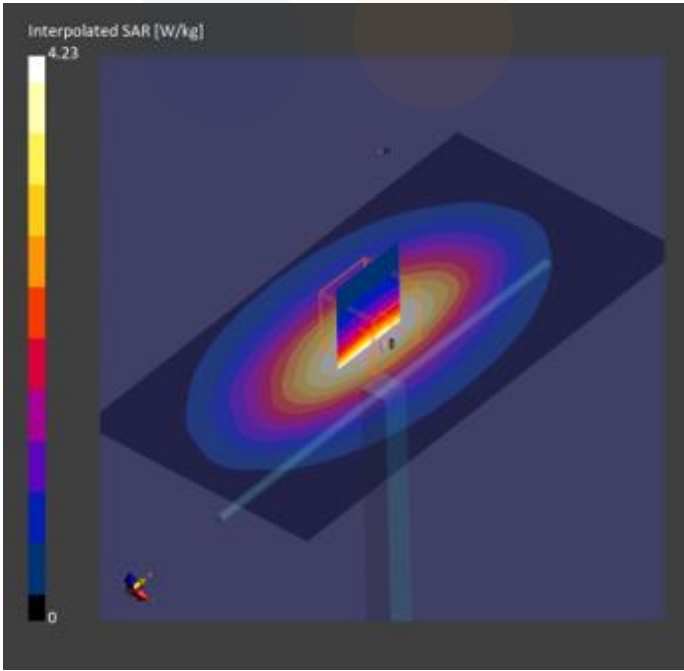
Exposure Conditions							
Phantom	Position, Test	Band	Group,	Frequency	Conversion	TSL	TSL
Section, TSL	Distance		UID	[MHz]	Factor	Conductivity	Permittivity
	[mm]					[S/m]	
Flat,	FRONT,	D850	CW,	850.000	8.59	0.886	43.1
Head	15.00		0--				
Simulating							
Liquid							

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 - 2189	HBBL-600-10000 , 2025-02-27	EX3DV4 – SN7851, 2024-07-17	DAE4 Sn1759, 2024-11-19

Scan Setup

	Area Scan	Zoom Scan	Measurement Results	
			Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 180.0	30.0 x 30.0 x 30.0	Date	2025-02-27
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5	psSAR1g [W/kg]	2.43
Sensor Surface [mm]	3.0	1.4	psSAR8g [W/kg]	1.70
Graded Grid	No	Yes	psSAR10g [W/kg]	1.61
Grading Ratio	N/A	1.5	psAPD (1.0cm2, sq) [W/m2]	N/A
MAIA	N/A	N/A	psAPD (4.0cm2, sq) [W/m2]	N/A
Surface	VMS + 6p	VMS + 6p	Power Drift [dB]	-0.01
Detection			Peak SAR [W/kg]	4.23
Scan Method	Measured	Measured		



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Date: 1/8/2025

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [1750 MHz Verification Input Power 250 mW 2025-01-08.da52:0](#)

DUT: Dipole 1750 MHz D1750V2, Type: D1750V2, Serial: D1750V2 - SN:1195

Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1750 \text{ MHz}$; $\sigma = 1.317 \text{ S/m}$; $\epsilon_r = 40.939$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7770;ConvF(7.05, 7.14, 7.58) @ 1750 MHz; Calibrated: 11/22/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 2/16/2024
- Phantom: ELI V8.0_Left; Type: QD OVA 004 Ax; Serial: 2098
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/1750 MHz Verification Input Power 250 mW 2025-01-08/Area Scan (8x11x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 9.87 W/kg

Configuration/1750 MHz Verification Input Power 250 mW 2025-01-08/Zoom Scan (5x5x7)/Cube 0:

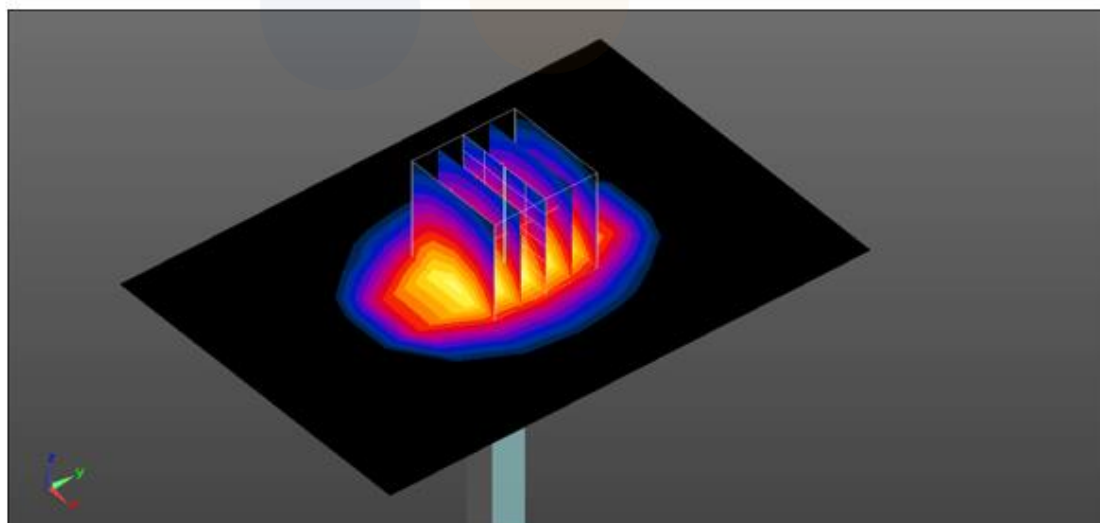
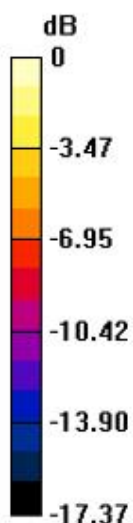
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 110.4 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 16.7 W/kg

SAR(1 g) = 9.46 W/kg; SAR(10 g) = 5.05 W/kg

Maximum value of SAR (measured) = 14.3 W/kg



0 dB = 14.3 W/kg = 11.55 dBW/kg

Date: 2025-01-10

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [4. 1750 MHz Verification Input Power 250 mW 2025-01-10.da52:0](#)

DUT: Dipole 1750 MHz D1750V2, Type: D1750V2, Serial: D1750V2 - SN:1195

Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.322$ S/m; $\epsilon_r = 39.845$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

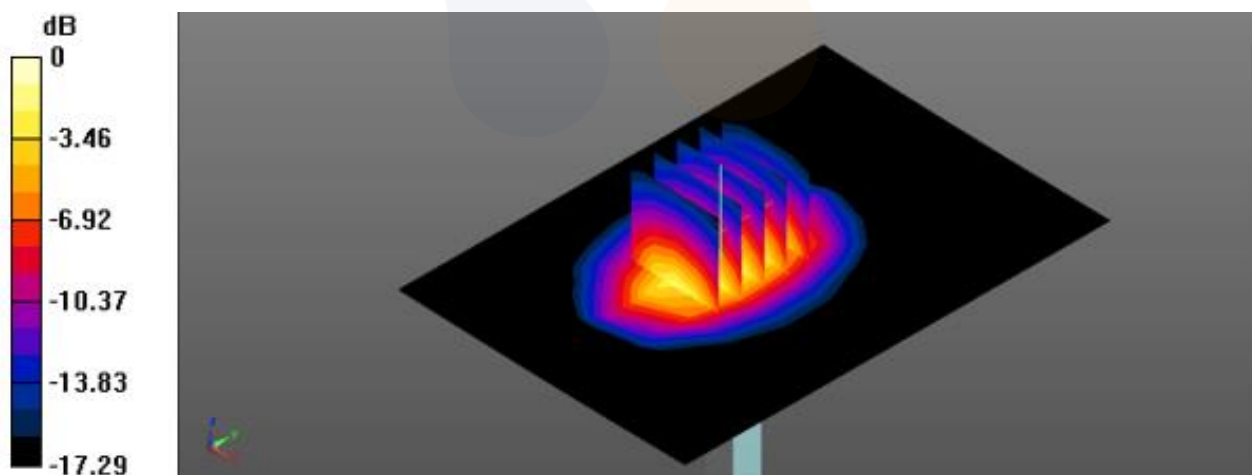
- Probe: EX3DV4 - SN7772; ConvF(7.45, 7.32, 7.81) @ 1750 MHz; Calibrated: 2024-09-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2024-07-12
- Phantom: ELI v5.0 sn1178; Type: QDOVA002AA; Serial: TP:1178
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/1750 MHz Verification Input Power 250 mW 2025-01-10/Area Scan (8x11x1):

Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 10.5 W/kg

Configuration/1750 MHz Verification Input Power 250 mW 2025-01-10/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 102.8 V/m; Power Drift = 0.01 dB
 Peak SAR (extrapolated) = 16.5 W/kg
SAR(1 g) = 9.27 W/kg; SAR(10 g) = 4.94 W/kg
 Maximum value of SAR (measured) = 14.1 W/kg



0 dB = 14.1 W/kg = 11.49 dBW/kg

Date: 2025-01-15

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [1750 MHz Verification Input Power 100 mW 2025-01-15.da5.da53:0](#)

DUT: Dipole 1750 MHz D1750V2, Type: D1750V2, Serial: D1750V2 - SN:1195

Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1750 \text{ MHz}$; $\sigma = 1.356 \text{ S/m}$; $\epsilon_r = 41.096$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

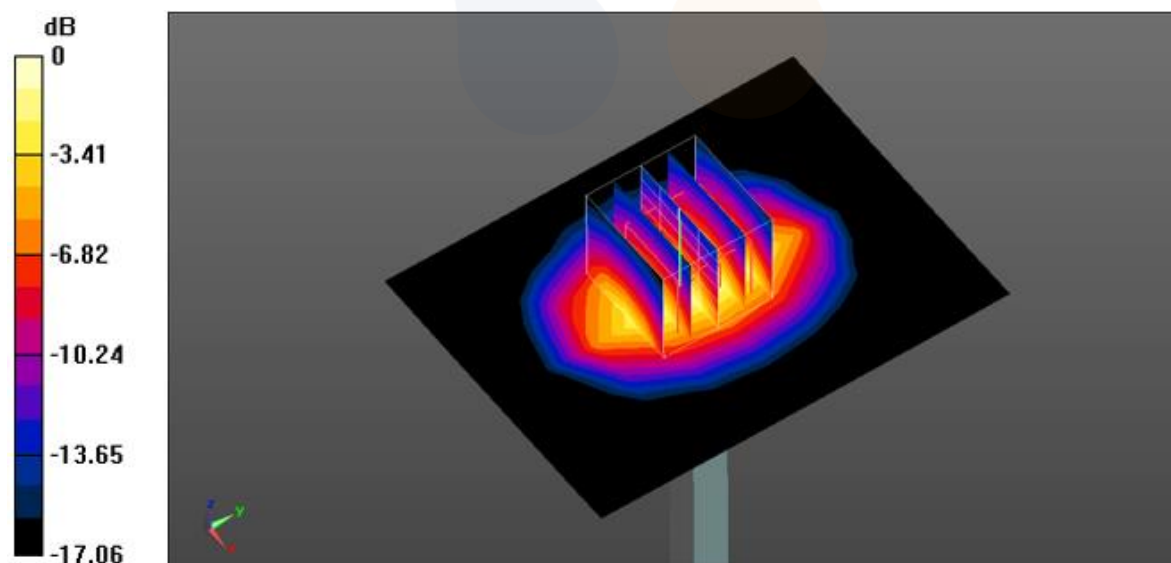
- Probe: EX3DV4 - SN7840;ConvF(7.38, 7.38, 7.29) @ 1750 MHz; Calibrated: 2024-08-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/1750 MHz Verification Input Power 250 mW 2025-01-15/Area Scan (7x9x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 13.6 W/kg

Configuration/1750 MHz Verification Input Power 250 mW 2025-01-15/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 107.8 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 16.3 W/kg
SAR(1 g) = 9.29 W/kg; SAR(10 g) = 5 W/kg
Maximum value of SAR (measured) = 13.9 W/kg



0 dB = 13.9 W/kg = 11.43 dBW/kg

Date: 2025-01-31

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [7. 1750 MHz Verification Input Power 250 mW 2025-01-31.da52:0](#)

DUT: Dipole 1750 MHz D1750V2, Type: D1750V2, Serial: D1750V2 - SN:1195

Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1750$ MHz; $\sigma = 1.343$ S/m; $\epsilon_r = 41.956$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

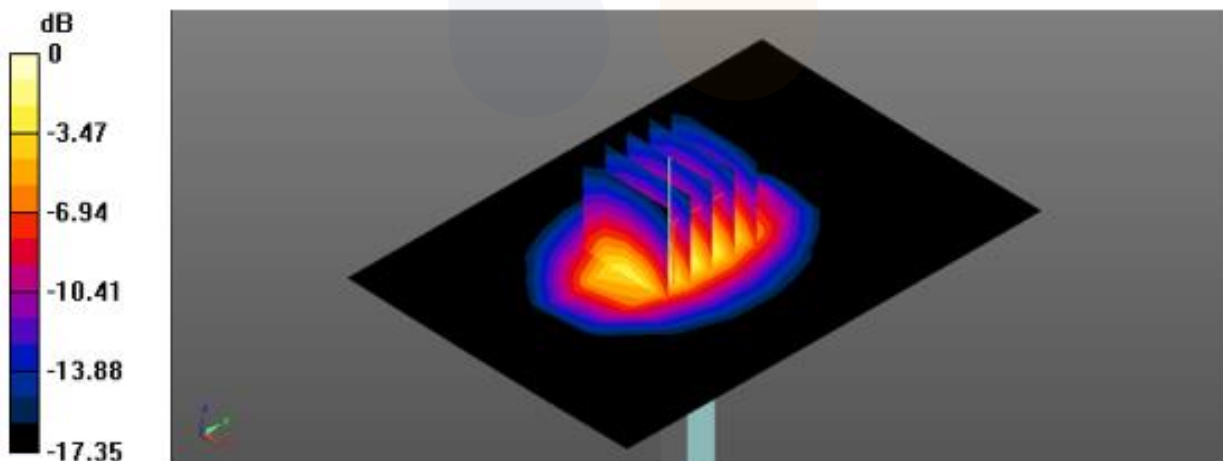
- Probe: EX3DV4 - SN7772;ConvF(7.45, 7.32, 7.81) @ 1750 MHz; Calibrated: 2024-09-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2024-07-12
- Phantom: ELI v5.0 sn1178; Type: QDOVA002AA; Serial: TP:1178
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/1750 MHz Verification Input Power 250 mW 2025-01-31/Area Scan (8x11x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 10.4 W/kg

Configuration/1750 MHz Verification Input Power 250 mW 2025-01-31/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 99.52 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 16.0 W/kg
SAR(1 g) = 9.07 W/kg; SAR(10 g) = 4.83 W/kg
Maximum value of SAR (measured) = 13.7 W/kg



0 dB = 13.7 W/kg = 11.37 dBW/kg

Date: 2025-02-14

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [12. 1750 MHz Verification Input Power 250 mW 2025-02-14.da52:0](#)

DUT: Dipole 1750 MHz D1750V2, Type: D1750V2, Serial: D1750V2 - SN:1195

Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1750$ MHz; $\sigma = 1.346$ S/m; $\epsilon_r = 40.303$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

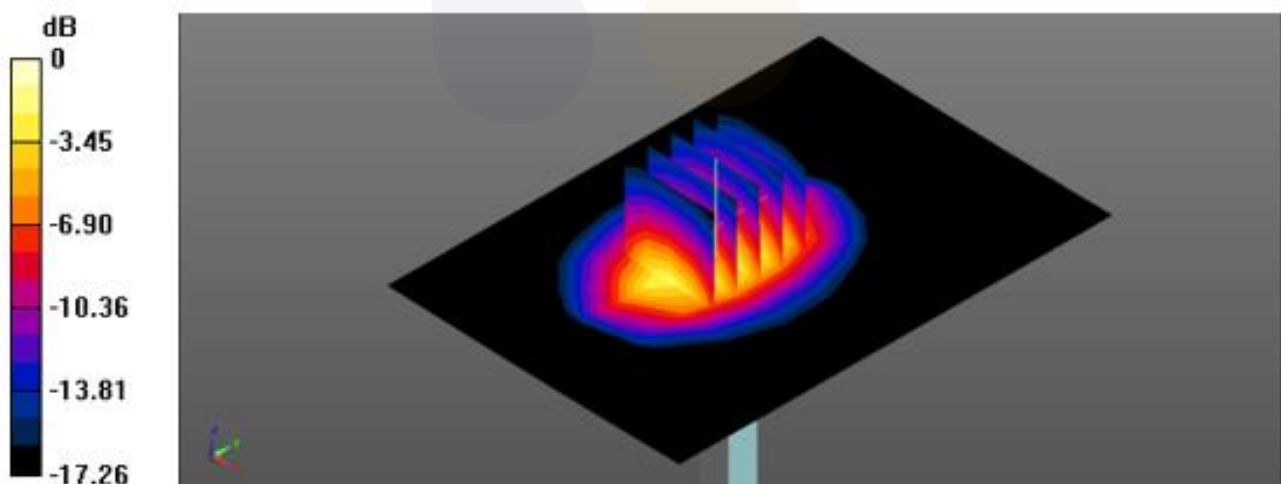
- Probe: EX3DV4 - SN7772; ConvF(7.45, 7.32, 7.81) @ 1750 MHz; Calibrated: 2024-09-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2024-07-12
- Phantom: ELI v5.0 sn1178; Type: QDOVA002AA; Serial: TP:1178
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/1750 MHz Verification Input Power 250 mW 2025-02-14/Area Scan (8x11x1):

Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 12.2 W/kg

Configuration/1750 MHz Verification Input Power 250 mW 2025-02-14/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 99.64 V/m; Power Drift = 0.10 dB
 Peak SAR (extrapolated) = 16.1 W/kg
SAR(1 g) = 9.13 W/kg; SAR(10 g) = 4.86 W/kg
 Maximum value of SAR (measured) = 13.9 W/kg



0 dB = 13.9 W/kg = 11.43 dBW/kg

Date: 2025-01-10

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [5. 1900 MHz Verification Input Power 250 mW 2025-01-10.da52:0](#)

DUT: Dipole 1900 MHz D1900V2, Type: D1900V2, Serial: D1900V2 - SN:5d248

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.428$ S/m; $\epsilon_r = 39.616$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

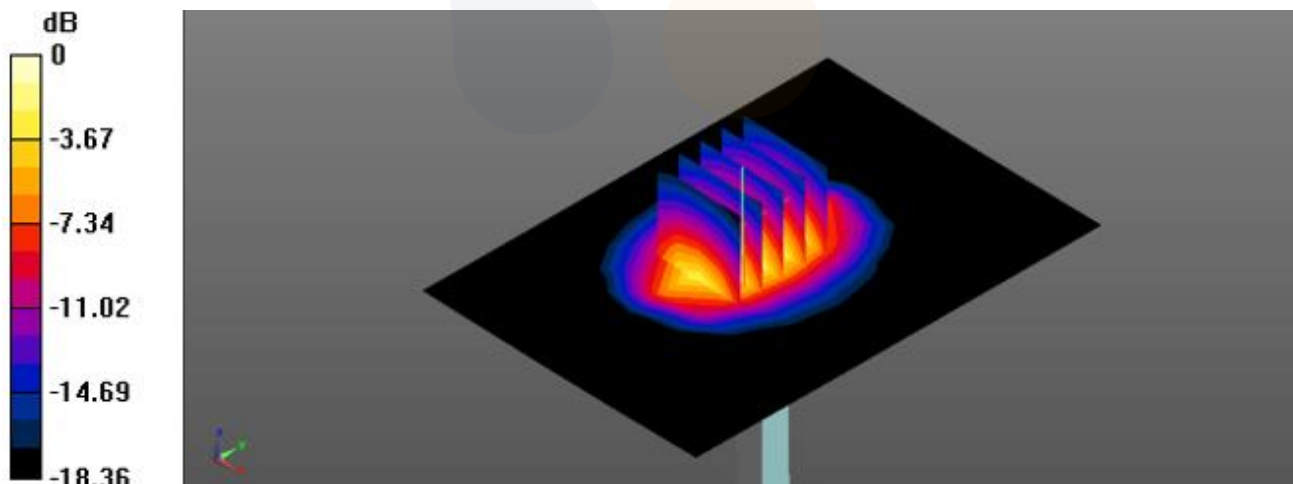
- Probe: EX3DV4 - SN7772; ConvF(7.29, 7.17, 7.65) @ 1900 MHz; Calibrated: 2024-09-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2024-07-12
- Phantom: ELI v5.0 sn1178; Type: QDOVA002AA; Serial: TP:1178
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/1900 MHz Verification Input Power 250 mW 2025-01-10/Area Scan (8x11x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 13.9 W/kg

Configuration/1900 MHz Verification Input Power 250 mW 2025-01-10/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 100.4 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 18.2 W/kg
SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.35 W/kg
Maximum value of SAR (measured) = 15.5 W/kg



0 dB = 15.5 W/kg = 11.90 dBW/kg

Date: 2025-01-17

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [1900 MHz Verification Input Power 250 mW 2025-01-17.da5.da53:0](#)

DUT: Dipole 1900 MHz D1900V2, Type: D1900V2, Serial: D1900V2 - SN:5d248

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.378 \text{ S/m}$; $\epsilon_r = 41.337$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

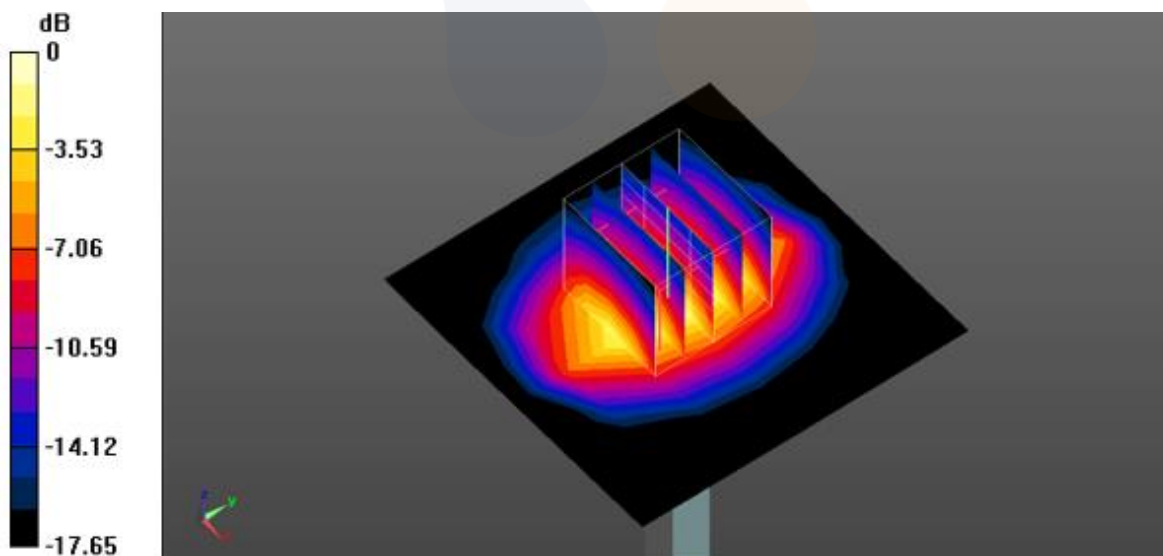
- Probe: EX3DV4 - SN7840;ConvF(7.2, 7.2, 7.11) @ 1900 MHz; Calibrated: 2024-08-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/1900 MHz Verification Input Power 250 mW 2025-01-17/Area Scan (7x7x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 14.8 W/kg

Configuration/1900 MHz Verification Input Power 250 mW 2025-01-17/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 109.8 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 18.3 W/kg
SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.36 W/kg
Maximum value of SAR (measured) = 15.7 W/kg



0 dB = 15.7 W/kg = 11.96 dBW/kg

Date: 2025-01-22

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [1900 MHz Verification Input Power 250 mW 2025-01-22.da5.da53:0](#)

DUT: Dipole 1900 MHz D1900V2, Type: D1900V2, Serial: D1900V2 - SN:5d248

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.367 \text{ S/m}$; $\epsilon_r = 39.299$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

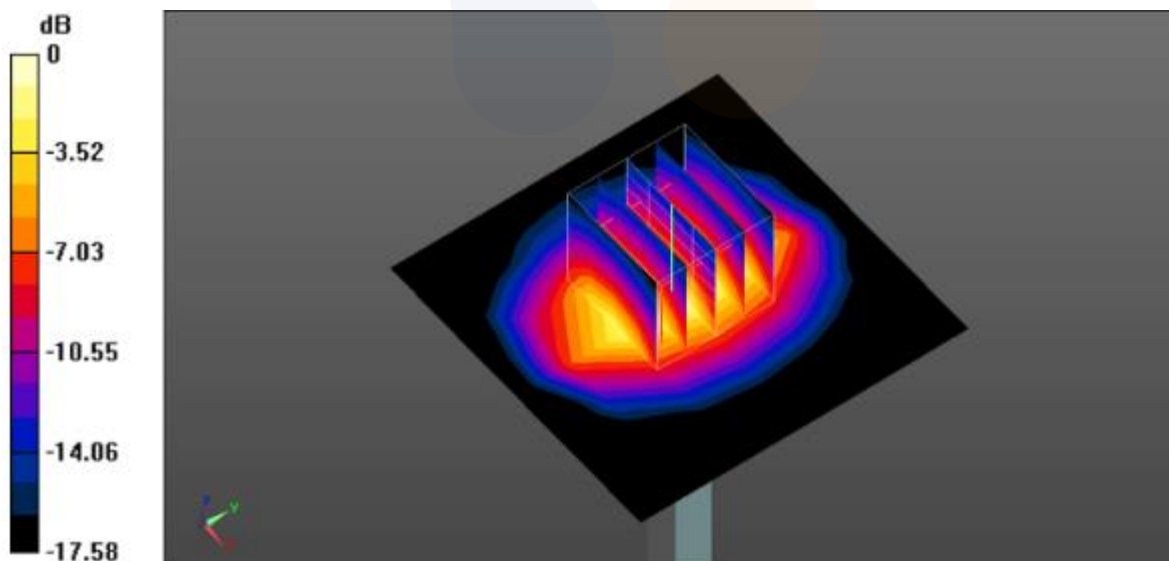
- Probe: EX3DV4 - SN7840;ConvF(7.2, 7.2, 7.11) @ 1900 MHz; Calibrated: 2024-08-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/1900 MHz Verification Input Power 250 mW 2025-01-22/Area Scan (7x7x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 14.9 W/kg

Configuration/1900 MHz Verification Input Power 250 mW 2025-01-22/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 112.8 V/m; Power Drift = -0.08 dB
 Peak SAR (extrapolated) = 17.9 W/kg
SAR(1 g) = 10.1 W/kg; SAR(10 g) = 5.31 W/kg
 Maximum value of SAR (measured) = 15.3 W/kg



0 dB = 15.3 W/kg = 11.85 dBW/kg

Date: 1/22/2025

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [1900 MHz Verification Input Power 250 mW 2025-01-22.da52:0](#)

DUT: Dipole 1900 MHz D1900V2, Type: D1900V2, Serial: D1900V2 - SN:5d248

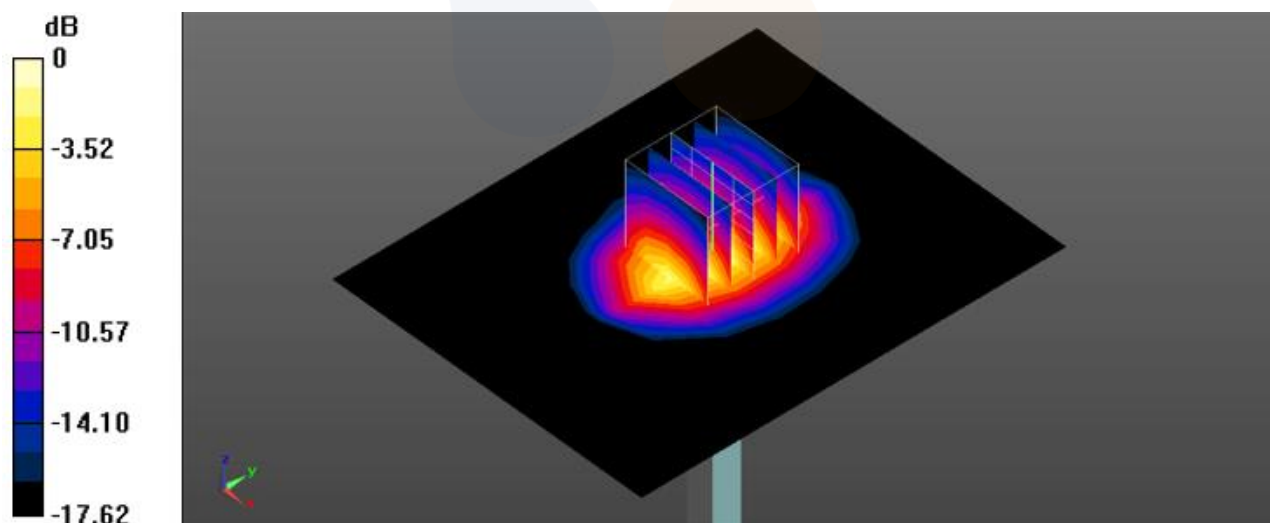
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.425$ S/m; $\epsilon_r = 38.69$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7770;ConvF(6.81, 6.9, 7.32) @ 1900 MHz; Calibrated: 11/22/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 2/16/2024
- Phantom: ELI V8.0_Left; Type: QD OVA 004 Ax; Serial: 2098
- Measurement SW: DASY52, Version 52.10 (4);

System Performance Check/1900 MHz Verification Input Power 250 mW 2025-01-22/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 14.3 W/kg

System Performance Check/1900 MHz Verification Input Power 250 mW 2025-01-22/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 108.8 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 17.4 W/kg
SAR(1 g) = 9.78 W/kg; SAR(10 g) = 5.16 W/kg
Maximum value of SAR (measured) = 15.0 W/kg



0 dB = 15.0 W/kg = 11.76 dBW/kg

Date: 2025-01-31

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [8. 1900 MHz Verification Input Power 250 mW 2025-01-31.da52:0](#)

DUT: Dipole 1900 MHz D1900V2, Type: D1900V2, Serial: D1900V2 - SN: 5d248

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.445 \text{ S/m}$; $\epsilon_r = 38.241$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7772; ConvF(7.29, 7.17, 7.65) @ 1900 MHz; Calibrated: 2024-09-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2024-07-12
- Phantom: ELI v5.0 sn1178; Type: QDOVA002AA; Serial: TP:1178
- Measurement SW: DASY52, Version 52.10 (4);

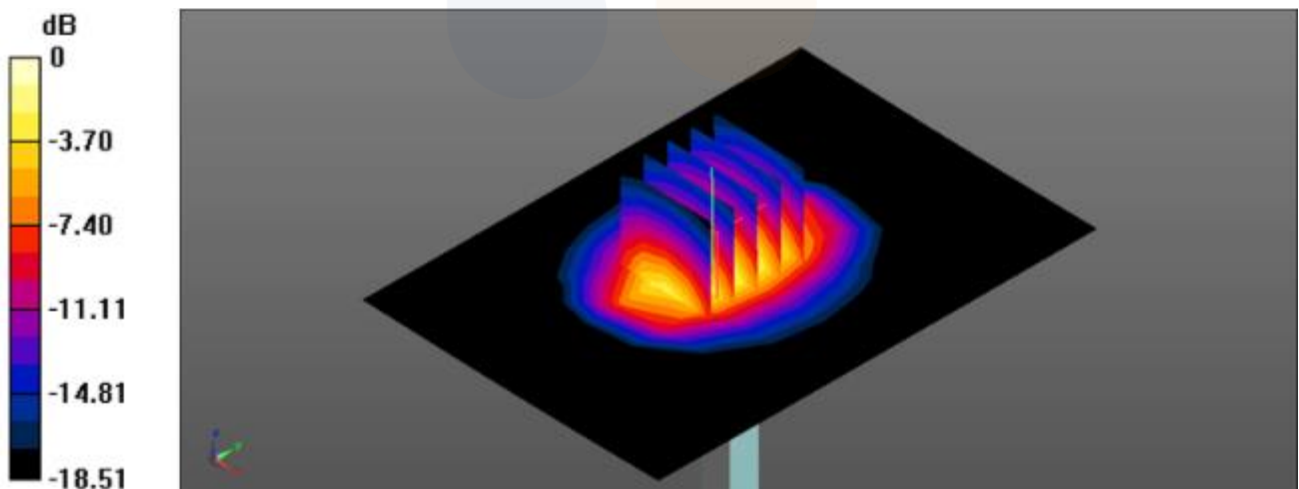
Configuration/1900 MHz Verification Input Power 250 mW 2025-01-31/Area Scan (8x11x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 13.1 W/kg

Configuration/1900 MHz Verification Input Power 250 mW 2025-01-31/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 104.3 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 17.6 W/kg
SAR(1 g) = 9.79 W/kg; SAR(10 g) = 5.12 W/kg

Maximum value of SAR (measured) = 15.0 W/kg



0 dB = 15.0 W/kg = 11.76 dBW/kg

Date: 2025-02-14

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: 13. [1900 MHz Verification Input Power 250 mW 2025-02-14.da52:0](#)

DUT: Dipole 1900 MHz D1900V2, Type: D1900V2, Serial: D1900V2 - SN:5d248

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.433 \text{ S/m}$; $\epsilon_r = 38.534$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

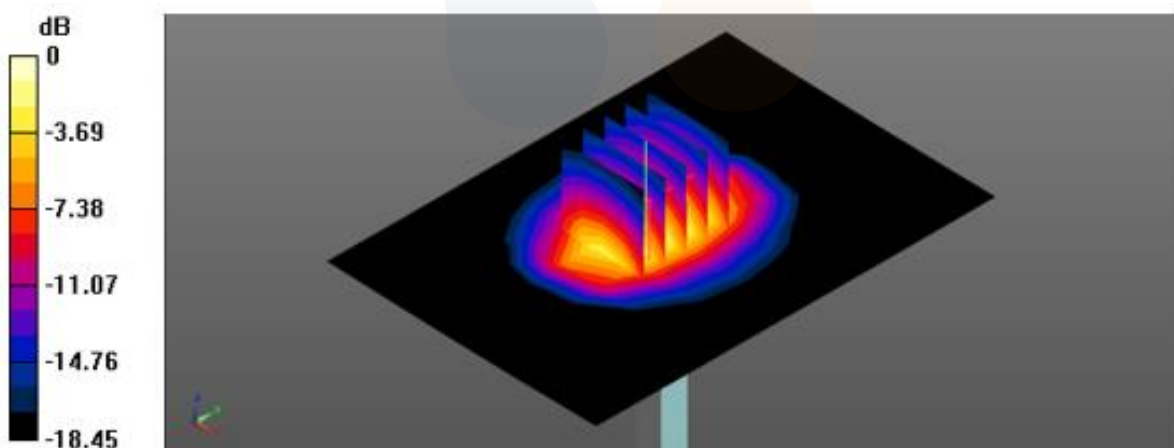
- Probe: EX3DV4 - SN7772; ConvF(7.29, 7.17, 7.65) @ 1900 MHz; Calibrated: 2024-09-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2024-07-12
- Phantom: ELI v5.0 sn1178; Type: QDOVA002AA; Serial: TP:1178
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/1900 MHz Verification Input Power 250 mW 2025-02-14/Area Scan (8x11x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 13.5 W/kg

Configuration/1900 MHz Verification Input Power 250 mW 2025-02-14/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 107.3 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 18.1 W/kg
SAR(1 g) = 10.1 W/kg; SAR(10 g) = 5.27 W/kg
Maximum value of SAR (measured) = 15.4 W/kg



0 dB = 15.4 W/kg = 11.88 dBW/kg

Eurofins KCTL Co.,Ltd. 65, Sinwon-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Korea TEL: 82-70-5008-1021 FAX: 82-505-299-8311 www.kctl.co.kr	Report No.: KR25-SPF0015-B Page (306) of (714)	
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Date: 1/17/2025

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [2300 MHz Verification Input Power 100 mW 2025-01-17.da5:0](#)

DUT: Dipole 2300 MHz D2300V2, Type: D2300V2, Serial: D2300V2 - SN:1109

Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2300$ MHz; $\sigma = 1.721$ S/m; $\epsilon_r = 37.971$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7770; ConvF(6.66, 6.74, 7.16) @ 2300 MHz; Calibrated: 11/22/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 2/16/2024
- Phantom: ELI V8.0_Left; Type: QD OVA 004 Ax; Serial: 2098
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/2300 MHz Verification Input Power 100 mW 2025-01-17/Area Scan (11x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 8.04 W/kg

Configuration/2300 MHz Verification Input Power 100 mW 2025-01-17/Zoom Scan (7x7x7)/Cube 0:

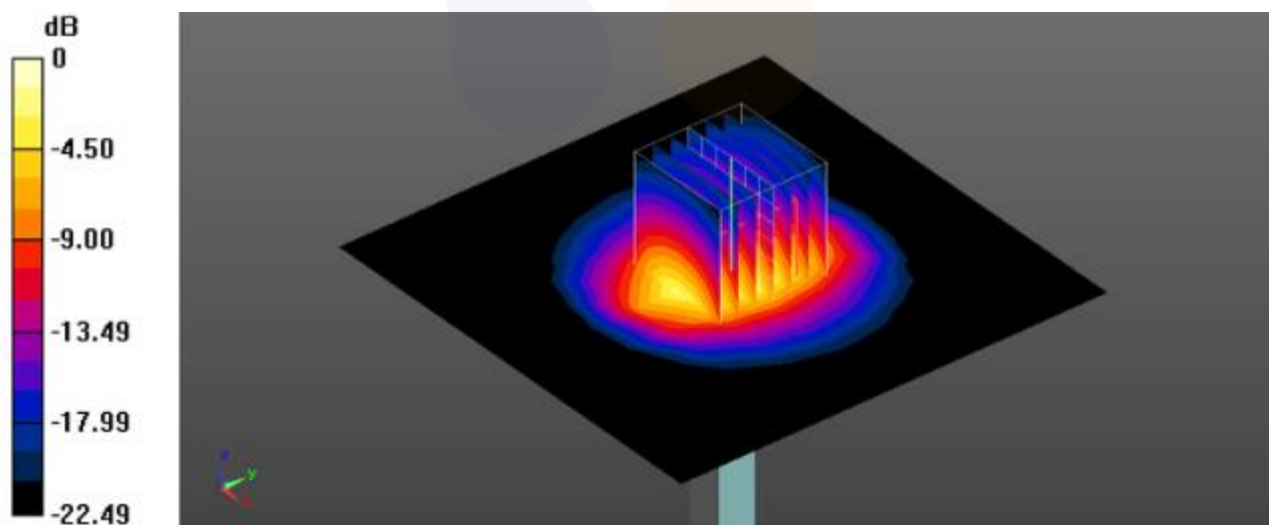
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 73.24 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 10.1 W/kg

SAR(1 g) = 4.95 W/kg; SAR(10 g) = 2.29 W/kg

Maximum value of SAR (measured) = 8.27 W/kg



0 dB = 8.27 W/kg = 9.18 dBW/kg

Date: 2025-01-18

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [2300 MHz Verification Input Power 100 mW 2025-01-18.da5.da53:0](#)

DUT: Dipole 2300 MHz D2300V2, Type: D2300V3, Serial: D2300V3 - SN:1109

Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2300$ MHz; $\sigma = 1.657$ S/m; $\epsilon_r = 39.295$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

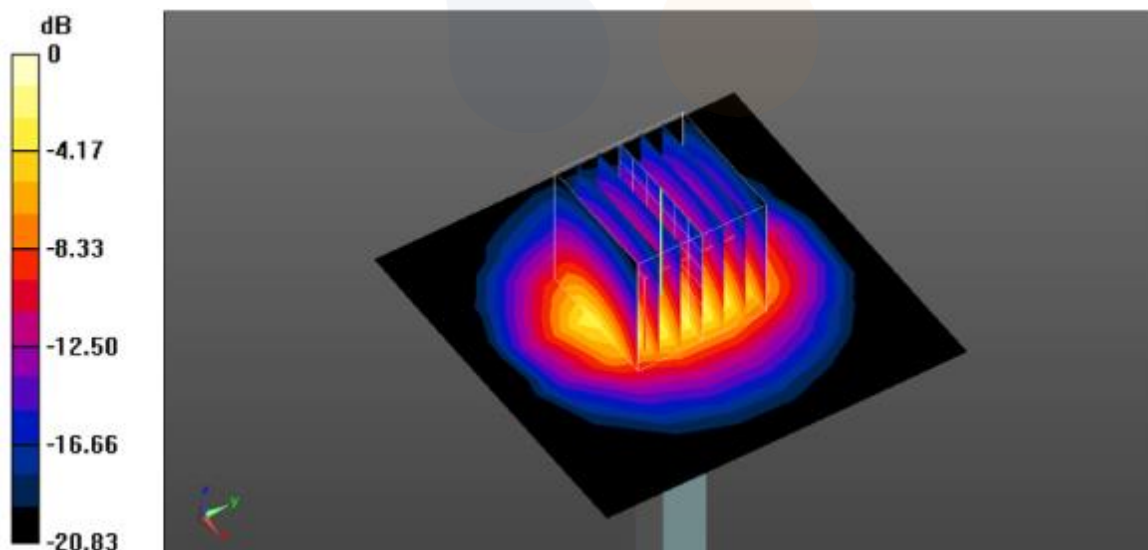
- Probe: EX3DV4 - SN7840; ConvF(6.99, 6.99, 6.9) @ 2300 MHz; Calibrated: 2024-08-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/2300 MHz Verification Input Power 100 mW 2025-01-18/Area Scan (8x8x1):

Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 6.68 W/kg

Configuration/2300 MHz Verification Input Power 100 mW 2025-01-18/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 72.96 V/m; Power Drift = -0.07 dB
 Peak SAR (extrapolated) = 9.42 W/kg
SAR(1 g) = 4.83 W/kg; SAR(10 g) = 2.31 W/kg
 Maximum value of SAR (measured) = 7.82 W/kg



0 dB = 7.82 W/kg = 8.93 dBW/kg

Date: 2025-02-03

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [9. 2300 MHz Verification Input Power 100 mW 2025-02-03.da5:0](#)

DUT: Dipole 2300 MHz D2300V2, Type: D2300V2, Serial: D2300V2 - SN:1109

Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2300$ MHz; $\sigma = 1.731$ S/m; $\epsilon_r = 39.236$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

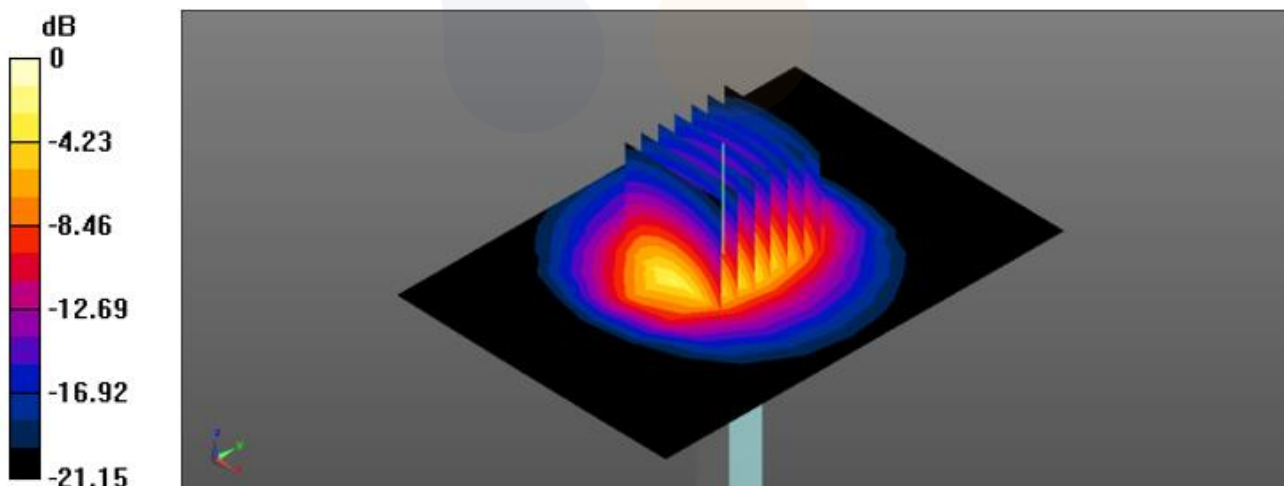
- Probe: EX3DV4 - SN7772; ConvF(6.74, 6.62, 7.07) @ 2300 MHz; Calibrated: 2024-09-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2024-07-12
- Phantom: ELI v5.0 sn1178; Type: QDOVA002AA; Serial: TP:1178
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/2300 MHz Verification Input Power 100 mW 2025-02-03/Area Scan (8x11x1):

Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 7.62 W/kg

Configuration/2300 MHz Verification Input Power 100 mW 2025-02-03/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 66.99 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 9.40 W/kg
SAR(1 g) = 4.77 W/kg; SAR(10 g) = 2.27 W/kg
Maximum value of SAR (measured) = 7.78 W/kg



0 dB = 7.78 W/kg = 8.91 dBW/kg

Date: 2025-02-06

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [2300 MHz Verification Input Power 100 mW 2025-02-06.da5.da53:0](#)

DUT: Dipole 2300 MHz D2300V2, Type: D2300V3, Serial: D2300V3 - SN:1109

Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2300$ MHz; $\sigma = 1.7$ S/m; $\epsilon_r = 38.393$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7540; ConvF(7.86, 7.86, 7.86) @ 2300 MHz; Calibrated: 2024-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

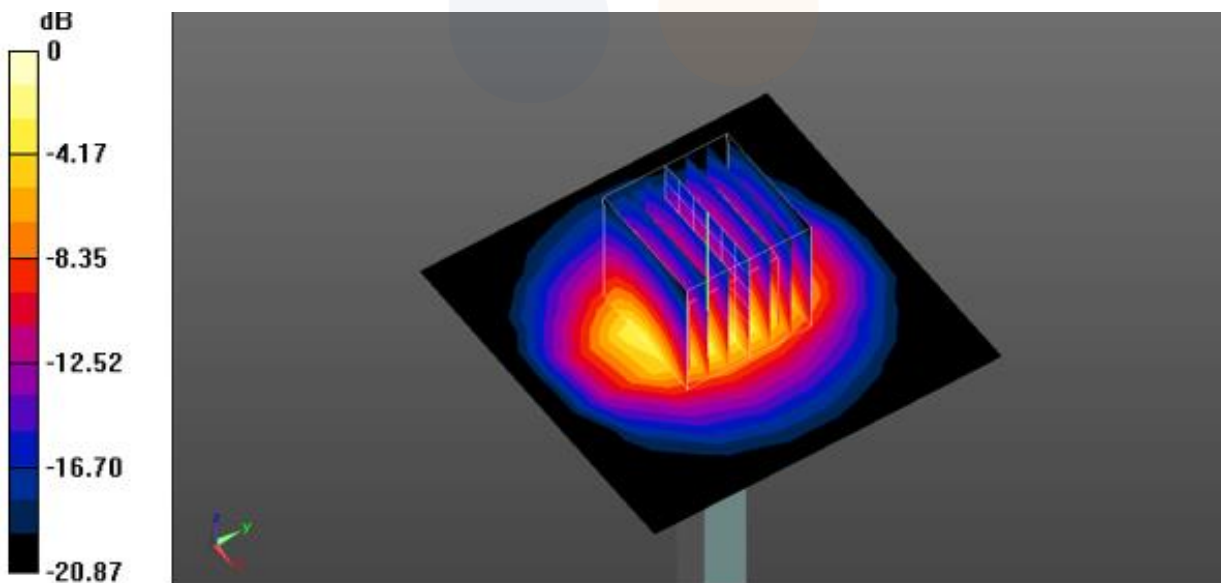
Configuration/2300 MHz Verification Input Power 100 mW 2025-02-06/Area Scan (8x8x1):

Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 6.15 W/kg

Configuration/2300 MHz Verification Input Power 100 mW 2025-02-06/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 68.66 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 9.67 W/kg
SAR(1 g) = 4.65 W/kg; SAR(10 g) = 2.23 W/kg

Maximum value of SAR (measured) = 7.72 W/kg



0 dB = 7.72 W/kg = 8.88 dBW/kg

Date: 2025-02-20

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [15. 2300 MHz Verification Input Power 100 mW 2025-02-20.da5:0](#)

DUT: Dipole 2300 MHz D2300V2, Type: D2300V2, Serial: D2300V2 - SN: 1109

Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2300$ MHz; $\sigma = 1.723$ S/m; $\epsilon_r = 39.028$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

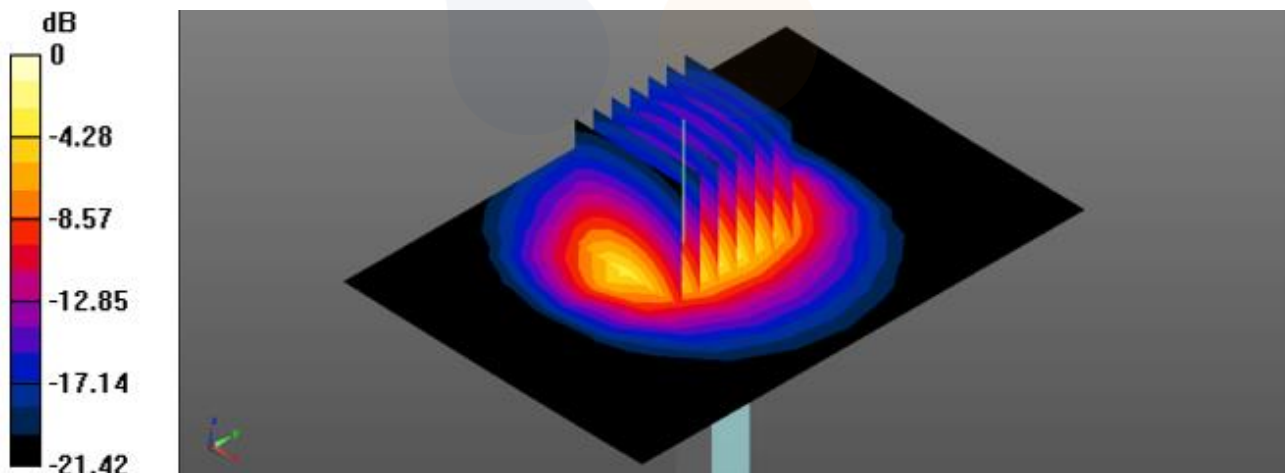
- Probe: EX3DV4 - SN7772; ConvF(6.74, 6.62, 7.07) @ 2300 MHz; Calibrated: 2024-09-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2024-07-12
- Phantom: ELI v5.0 sn1178; Type: QDOVA002AA; Serial: TP:1178
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/2300 MHz Verification Input Power 100 mW 2025-02-20/Area Scan (8x11x1):

Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 8.26 W/kg

Configuration/2300 MHz Verification Input Power 100 mW 2025-02-20/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 66.89 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 10.0 W/kg
SAR(1 g) = 5.03 W/kg; SAR(10 g) = 2.4 W/kg
Maximum value of SAR (measured) = 8.18 W/kg



0 dB = 8.18 W/kg = 9.13 dBW/kg

Eurofins KCTL Co.,Ltd.

Measurement Report for D2450V2 – SN1091, FRONT, Validation band, UID 0 -, (2450.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	Serial Number	DUT Type
D2450V2 – SN1091,Speag	10.0 x 10.0 x 290.0	SN1091	Validation Dipole

Exposure Conditions

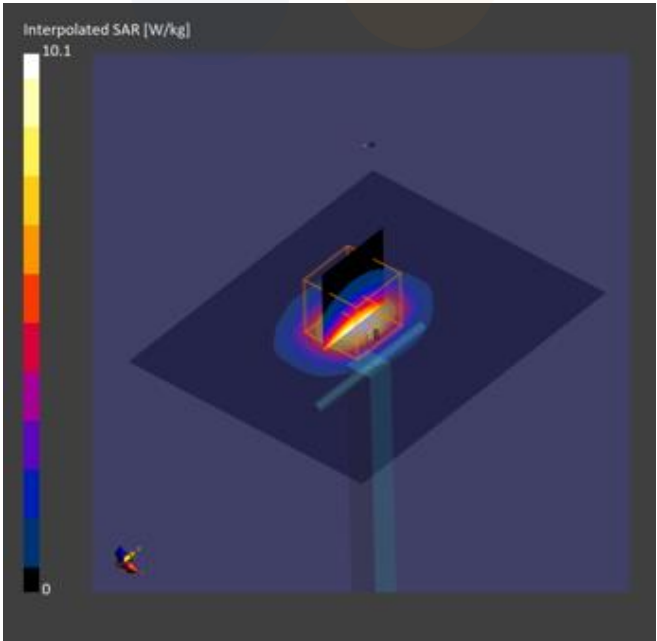
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	FRONT, 10.00	Validation band	CW, 0--	2450.000	7.44	1.85	38.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 - 2189	HBBL-600-10000 , 2025-03-04	EX3DV4 - SN7851, 2024-07-17	DAE4 Sn1759, 2024-11-19

Scan Setup

	Area Scan	Zoom Scan	Measurement Results		Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0	Date		2025-03-04	2025-03-04
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0	psSAR1g [W/kg]		4.71	5.20
Sensor Surface [mm]	3.0	1.4	psSAR8g [W/kg]		2.55	2.70
Graded Grid	No	Yes	psSAR10g [W/kg]		2.32	2.45
Grading Ratio	N/A	1.5	psAPD (1.0cm2, sq) [W/m2]			N/A
MAIA	N/A	N/A	psAPD (4.0cm2, sq) [W/m2]			N/A
Surface Detection	VMS + 6p	VMS + 6p	Power Drift [dB]			-0.02
Scan Method	Measured	Measured	Peak SAR [W/kg]			10.1



Date: 3/11/2025

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [2450 MHz Verification Input Power 100 mW 2025-03-11.da5:0](#)

DUT: Dipole 2450 MHz D2450V2, Type: D2450V2, Serial: D2450V2 - SN:1091

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2450$ MHz; $\sigma = 1.797$ S/m; $\epsilon_r = 37.664$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3928;ConvF(6.95, 6.67, 7.67) @ 2450 MHz; Calibrated: 2/21/2025
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn666; Calibrated: 1/21/2025
- Phantom: ELI V8.0_Left; Type: QD OVA 004 Ax; Serial: 2098
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/2450 MHz Verification Input Power 100 mW 2025-03-11/Area Scan (10x11x1):

Measurement grid: dx=12mm, dy=12mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 6.49 W/kg

Configuration/2450 MHz Verification Input Power 100 mW 2025-03-11/Zoom Scan (7x7x7)/Cube 0:

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

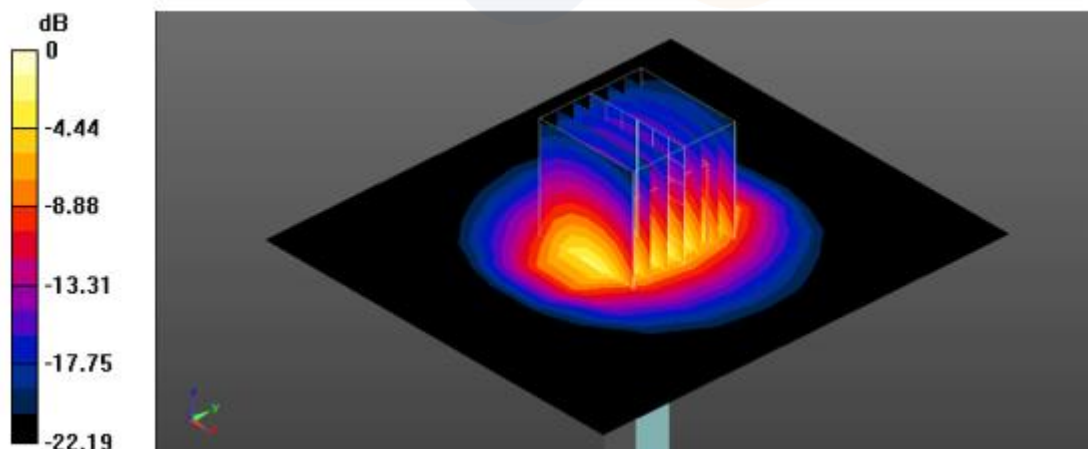
Reference Value = 74.30 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 10.8 W/kg

SAR(1 g) = 5.41 W/kg; SAR(10 g) = 2.53 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 8.77 W/kg



0 dB = 8.77 W/kg = 9.43 dBW/kg

Date: 1/3/2025

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [2600 MHz Verification Input Power 100 mW 2025-01-03.da5:0](#)

DUT: Dipole 2600 MHz D2600V2, Type: D2600V2, Serial: D2600V2 - SN:1200

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2600$ MHz; $\sigma = 1.933$ S/m; $\epsilon_r = 38.175$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

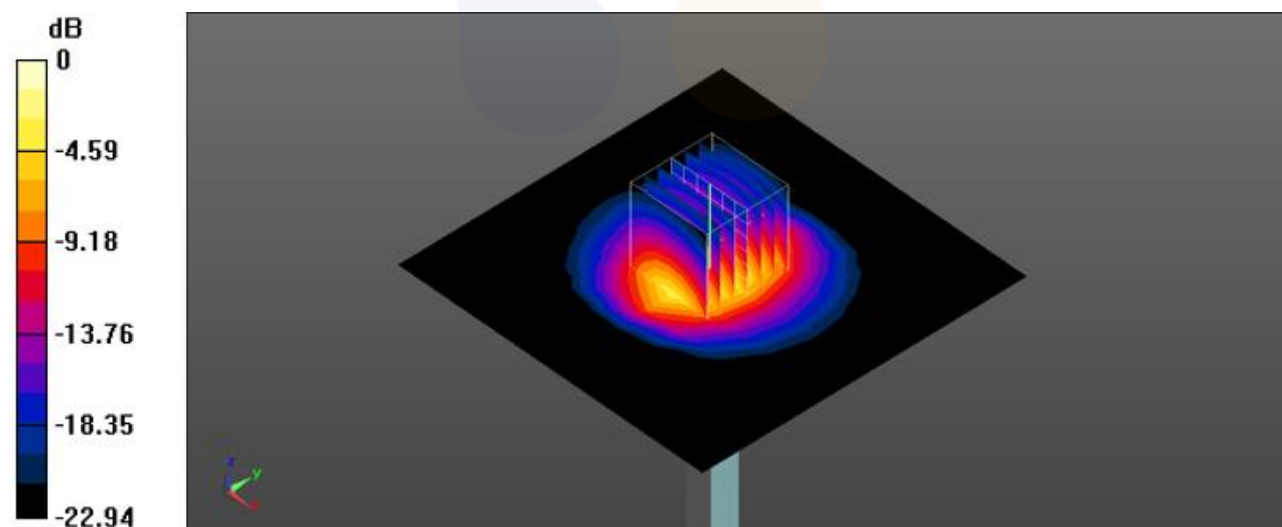
- Probe: EX3DV4 - SN7770; ConvF(6.37, 6.45, 6.85) @ 2600 MHz; Calibrated: 11/22/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 2/16/2024
- Phantom: ELI V8.0_Left; Type: QD OVA 004 Ax; Serial: 2098
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/2600 MHz Verification Input Power 100 mW 2025-01-03/Area Scan (11x11x1):

Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 9.51 W/kg

Configuration/2600 MHz Verification Input Power 100 mW 2025-01-03/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 75.33 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 12.0 W/kg
SAR(1 g) = 5.73 W/kg; SAR(10 g) = 2.59 W/kg
Maximum value of SAR (measured) = 9.72 W/kg



0 dB = 9.72 W/kg = 9.88 dBW/kg

Date: 1/6/2025

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [2600 MHz Verification Input Power 100 mW 2025-01-06.da5:0](#)

DUT: Dipole 2600 MHz D2600V2, Type: D2600V2, Serial: D2600V2 - SN:1200

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2600$ MHz; $\sigma = 1.935$ S/m; $\epsilon_r = 37.836$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7770; ConvF(6.37, 6.45, 6.85) @ 2600 MHz; Calibrated: 11/22/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 2/16/2024
- Phantom: ELI V8.0_Left; Type: QD OVA 004 Ax; Serial: 2098
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/2600 MHz Verification Input Power 100 mW 2025-01-06/Area Scan (11x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 9.39 W/kg

Configuration/2600 MHz Verification Input Power 100 mW 2025-01-06/Zoom Scan (7x7x7)/Cube 0:

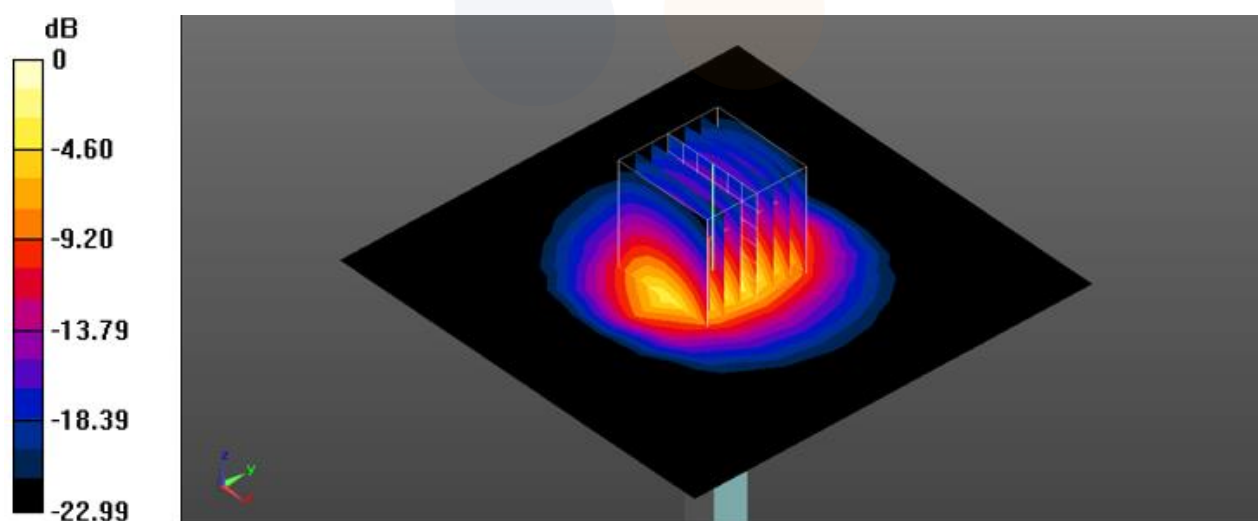
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 74.51 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 11.6 W/kg

SAR(1 g) = 5.58 W/kg; SAR(10 g) = 2.52 W/kg

Maximum value of SAR (measured) = 9.44 W/kg



0 dB = 9.44 W/kg = 9.75 dBW/kg

Date: 2025-02-03

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [10. 2600 MHz Verification Input Power 100 mW 2025-02-03.da5:0](#)

DUT: Dipole 2600 MHz D2600V2, Type: D2600V2, Serial: D2600V2 - SN:1200

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.992$ S/m; $\epsilon_r = 38.453$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

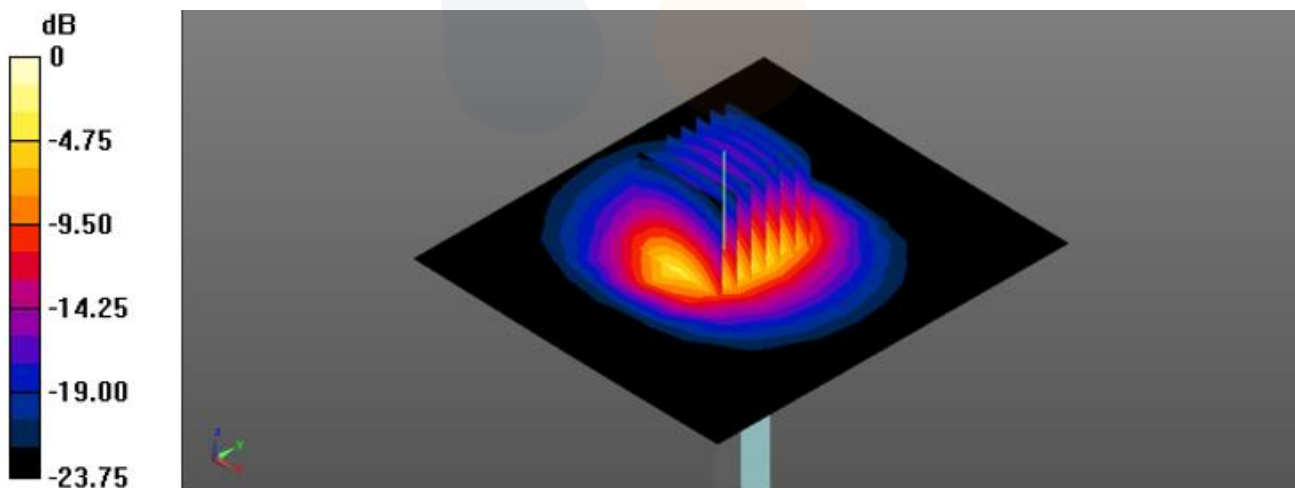
- Probe: EX3DV4 - SN7772; ConvF(6.62, 6.5, 6.94) @ 2600 MHz; Calibrated: 2024-09-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2024-07-12
- Phantom: ELI v5.0 sn1178; Type: QDOVA002AA; Serial: TP:1178
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/2600 MHz Verification Input Power 100 mW 2025-02-03/Area Scan (10x11x1):

Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 9.45 W/kg

Configuration/2600 MHz Verification Input Power 100 mW 2025-02-03/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 68.36 V/m; Power Drift = 0.10 dB
 Peak SAR (extrapolated) = 12.1 W/kg
SAR(1 g) = 5.74 W/kg; SAR(10 g) = 2.58 W/kg
 Maximum value of SAR (measured) = 9.73 W/kg



0 dB = 9.73 W/kg = 9.88 dBW/kg

Date: 2025-02-06

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [11. 2600 MHz Verification Input Power 100 mW 2025-02-06.da5:0](#)

DUT: Dipole 2600 MHz D2600V2, Type: D2600V2, Serial: D2600V2 - SN:1200

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.034$ S/m; $\epsilon_r = 37.985$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

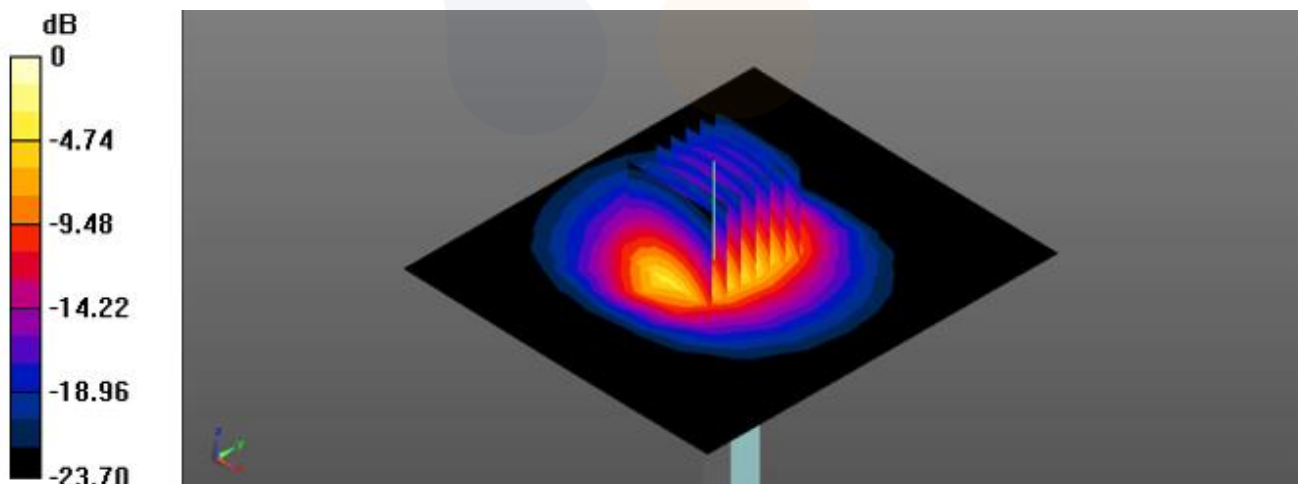
- Probe: EX3DV4 - SN7772; ConvF(6.62, 6.5, 6.94) @ 2600 MHz; Calibrated: 2024-09-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2024-07-12
- Phantom: ELI v5.0 sn1178; Type: QDOVA002AA; Serial: TP:1178
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/2600 MHz Verification Input Power 100 mW 2025-02-06/Area Scan (10x11x1):

Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 9.88 W/kg

Configuration/2600 MHz Verification Input Power 100 mW 2025-02-06/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 68.65 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 12.5 W/kg
SAR(1 g) = 5.95 W/kg; SAR(10 g) = 2.67 W/kg
Maximum value of SAR (measured) = 10.0 W/kg



0 dB = 10.0 W/kg = 10.00 dBW/kg

Date: 2025-02-14

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [14. 2600 MHz Verification Input Power 100 mW 2025-02-14.da5:0](#)

DUT: Dipole 2600 MHz D2600V2, Type: D2600V2, Serial: D2600V2 - SN:1200

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2600$ MHz; $\sigma = 1.94$ S/m; $\epsilon_r = 38.25$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7772; ConvF(6.62, 6.5, 6.94) @ 2600 MHz; Calibrated: 2024-09-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2024-07-12
- Phantom: ELI v5.0 sn1178; Type: QDOVA002AA; Serial: TP:1178
- Measurement SW: DASY52, Version 52.10 (4);

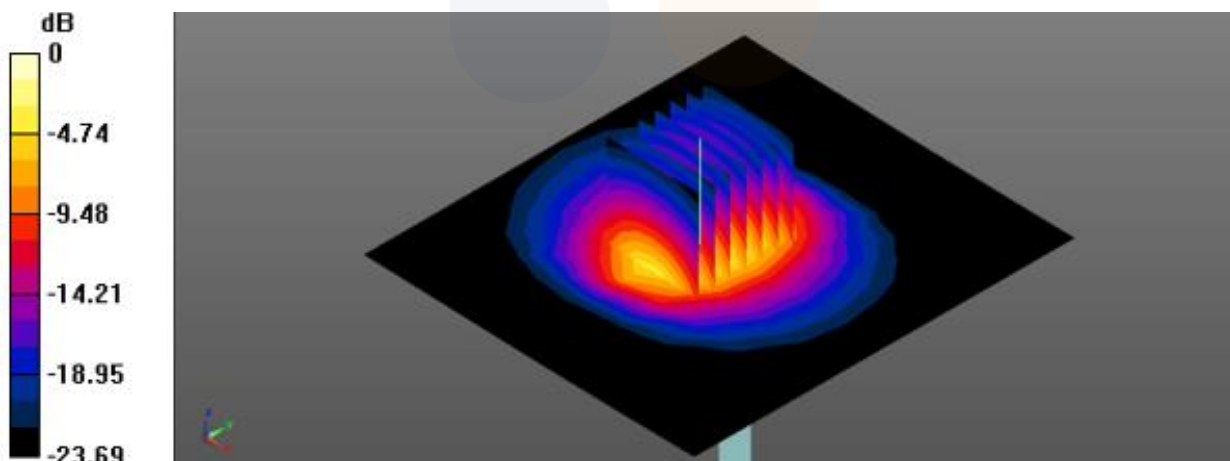
Configuration/2600 MHz Verification Input Power 100 mW 2025-02-14/Area Scan (10x11x1):

Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 9.67 W/kg

Configuration/2600 MHz Verification Input Power 100 mW 2025-02-14/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 69.92 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 12.4 W/kg
SAR(1 g) = 5.91 W/kg; SAR(10 g) = 2.65 W/kg

Maximum value of SAR (measured) = 9.98 W/kg



0 dB = 9.98 W/kg = 9.99 dBW/kg

Date: 2025-02-12

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [3500 MHz Verification Input Power 100 mW 2025-02-12.da5:0](#)

DUT: Dipole 3500 MHz D3500V2, Type: D3500V2, Serial: D3500V2 - SN:1146

Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3500$ MHz; $\sigma = 2.845$ S/m; $\epsilon_r = 39.032$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

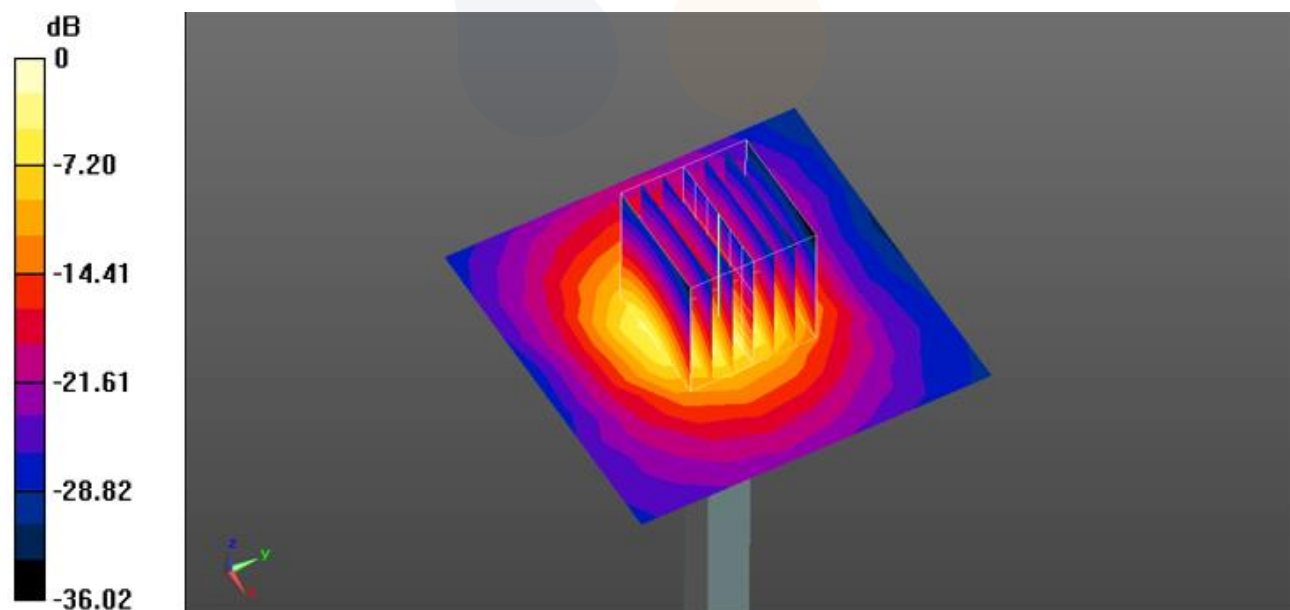
- Probe: EX3DV4 - SN7540; ConvF(6.96, 6.96, 6.96) @ 3500 MHz; Calibrated: 2024-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/3500 MHz Verification Input Power 100 mW 2025-02-12/Area Scan (8x8x1):

Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 10.5 W/kg

Configuration/3500 MHz Verification Input Power 100 mW 2025-02-12/Zoom Scan (7x7x8)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=1.4mm
Reference Value = 1.855 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 17.7 W/kg
SAR(1 g) = 6.74 W/kg; SAR(10 g) = 2.62 W/kg
Maximum value of SAR (measured) = 12.0 W/kg



0 dB = 12.0 W/kg = 10.79 dBW/kg

Date: 2025-02-15

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [3500 MHz Verification Input Power 100 mW 2025-02-15.da5:0](#)

DUT: Dipole 3500 MHz D3500V2, Type: D3500V2, Serial: D3500V2 - SN:1146

Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3500$ MHz; $\sigma = 2.797$ S/m; $\epsilon_r = 37.332$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

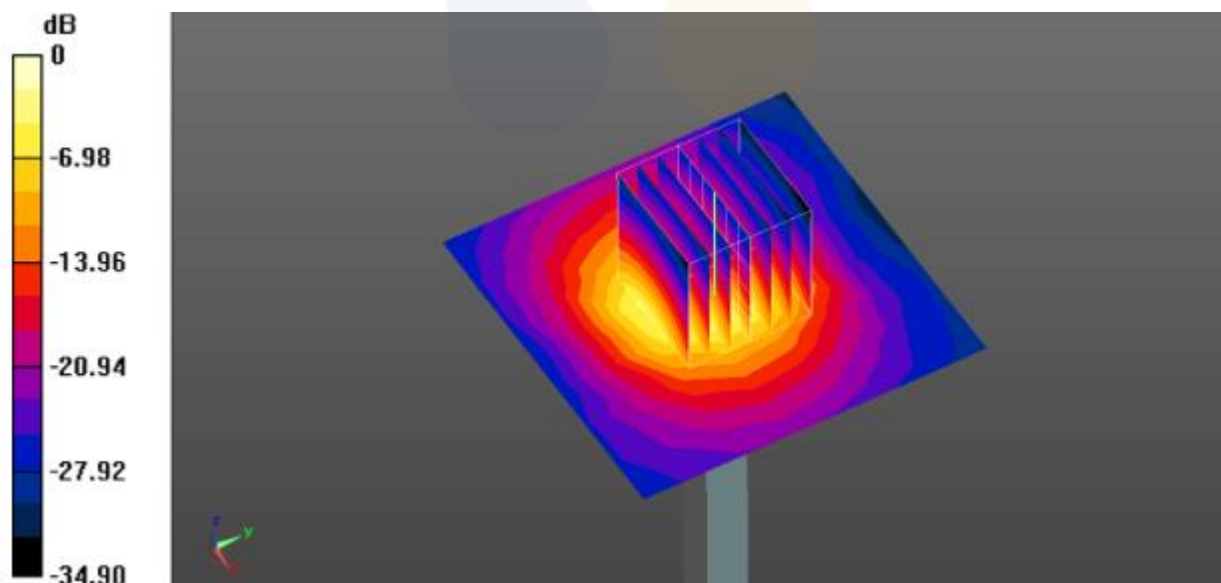
- Probe: EX3DV4 - SN7540; ConvF(6.96, 6.96, 6.96) @ 3500 MHz; Calibrated: 2024-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/3500 MHz Verification Input Power 100 mW 2025-02-15/Area Scan (8x8x1):

Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 10.5 W/kg

Configuration/3500 MHz Verification Input Power 100 mW 2025-02-15/Zoom Scan (7x7x8)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=1.4mm
Reference Value = 1.773 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 18.0 W/kg
SAR(1 g) = 6.77 W/kg; SAR(10 g) = 2.62 W/kg
Maximum value of SAR (measured) = 12.1 W/kg



0 dB = 12.1 W/kg = 10.83 dBW/kg

Date: 2025-02-17

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [3500 MHz Verification Input Power 100 mW 2025-02-17.da5:0](#)

DUT: Dipole 3500 MHz D3500V2, Type: D3500V2, Serial: D3500V2 - SN:1146

Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3500$ MHz; $\sigma = 2.857$ S/m; $\epsilon_r = 37.39$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

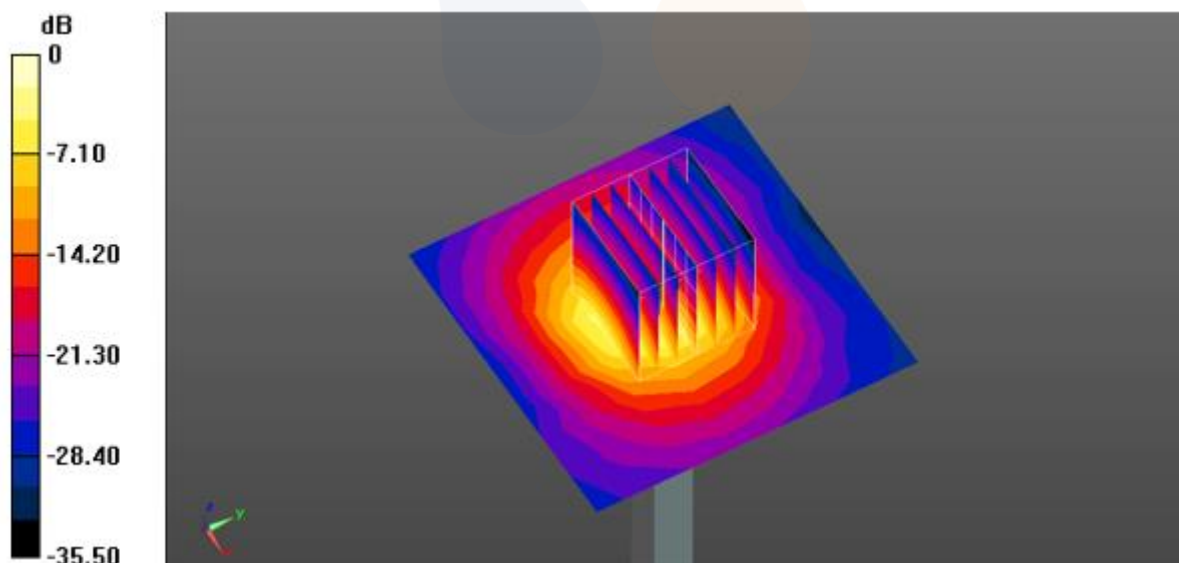
- Probe: EX3DV4 - SN7540;ConvF(6.96, 6.96, 6.96) @ 3500 MHz; Calibrated: 2024-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/3500 MHz Verification Input Power 100 mW 2025-02-17/Area Scan (8x8x1):

Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 10.3 W/kg

Configuration/3500 MHz Verification Input Power 100 mW 2025-02-17/Zoom Scan (7x7x8)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=1.4mm
 Reference Value = 1.745 V/m; Power Drift = -0.00 dB
 Peak SAR (extrapolated) = 17.5 W/kg
SAR(1 g) = 6.65 W/kg; SAR(10 g) = 2.58 W/kg
 Maximum value of SAR (measured) = 11.8 W/kg



0 dB = 11.8 W/kg = 10.72 dBW/kg

Date: 2025-02-18

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [3500 MHz Verification Input Power 100 mW 2025-02-18.da5:0](#)

DUT: Dipole 3500 MHz D3500V2, Type: D3500V2, Serial: D3500V2 - SN:1146

Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3500 \text{ MHz}$; $\sigma = 2.818 \text{ S/m}$; $\epsilon_r = 37.432$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

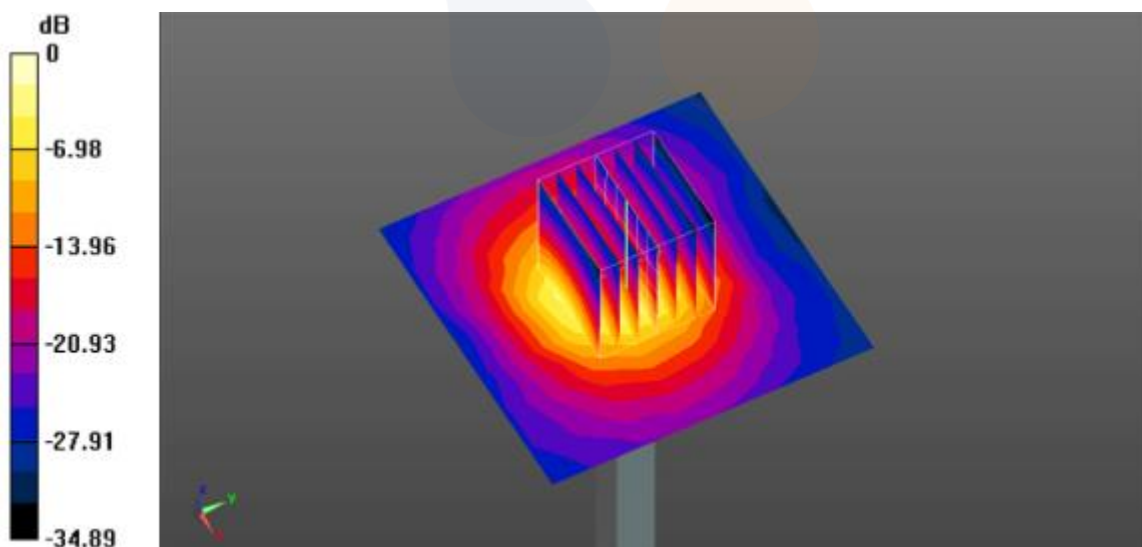
- Probe: EX3DV4 - SN7540; ConvF(6.96, 6.96, 6.96) @ 3500 MHz; Calibrated: 2024-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/3500 MHz Verification Input Power 100 mW 2025-02-18/Area Scan (8x8x1):

Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Maximum value of SAR (measured) = 10.4 W/kg

Configuration/3500 MHz Verification Input Power 100 mW 2025-02-18/Zoom Scan (7x7x8)/Cube 0:

Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 1.806 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 17.2 W/kg
SAR(1 g) = 6.56 W/kg; SAR(10 g) = 2.54 W/kg
Maximum value of SAR (measured) = 11.7 W/kg



0 dB = 11.7 W/kg = 10.68 dBW/kg

Date: 2025-02-19

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [3500 MHz Verification Input Power 100 mW 2025-02-19.da5:0](#)

DUT: Dipole 3500 MHz D3500V2, Type: D3500V2, Serial: D3500V2 - SN:1146

Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3500 \text{ MHz}$; $\sigma = 2.833 \text{ S/m}$; $\epsilon_r = 37.449$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

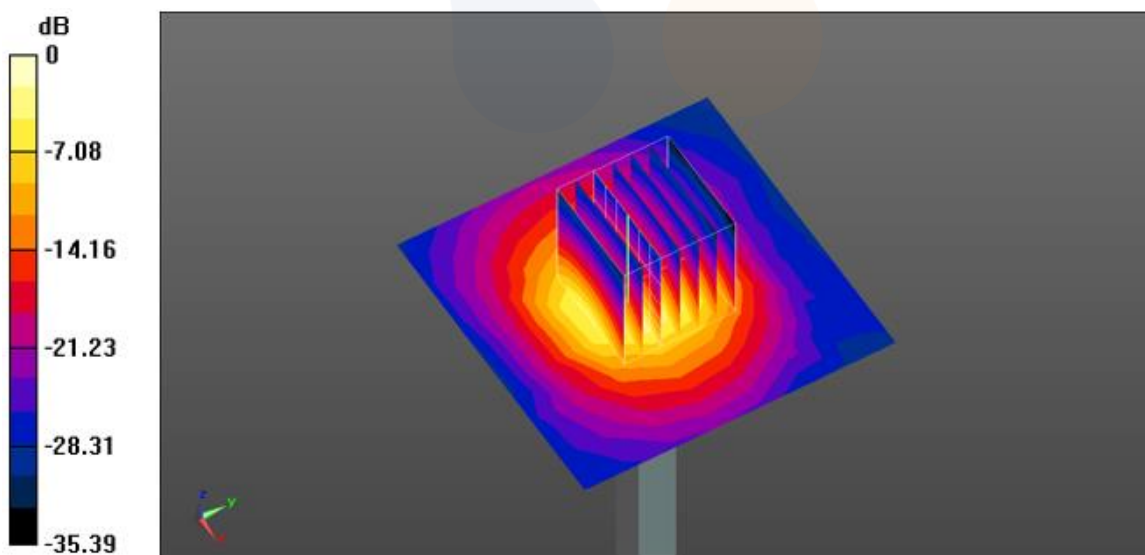
- Probe: EX3DV4 - SN7540; ConvF(6.96, 6.96, 6.96) @ 3500 MHz; Calibrated: 2024-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/3500 MHz Verification Input Power 100 mW 2025-02-19/Area Scan (8x8x1):

Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Maximum value of SAR (measured) = 9.61 W/kg

Configuration/3500 MHz Verification Input Power 100 mW 2025-02-19/Zoom Scan (7x7x8)/Cube 0:

Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 68.84 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 17.2 W/kg
SAR(1 g) = 6.45 W/kg; SAR(10 g) = 2.5 W/kg
Maximum value of SAR (measured) = 12.0 W/kg



0 dB = 12.0 W/kg = 10.79 dBW/kg

Date: 2025-02-21

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [3500 MHz Verification Input Power 100 mW 2025-02-21.da5:0](#)

DUT: Dipole 3500 MHz D3500V2, Type: D3500V2, Serial: D3500V2 - SN:1146

Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3500$ MHz; $\sigma = 2.83$ S/m; $\epsilon_r = 37.43$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

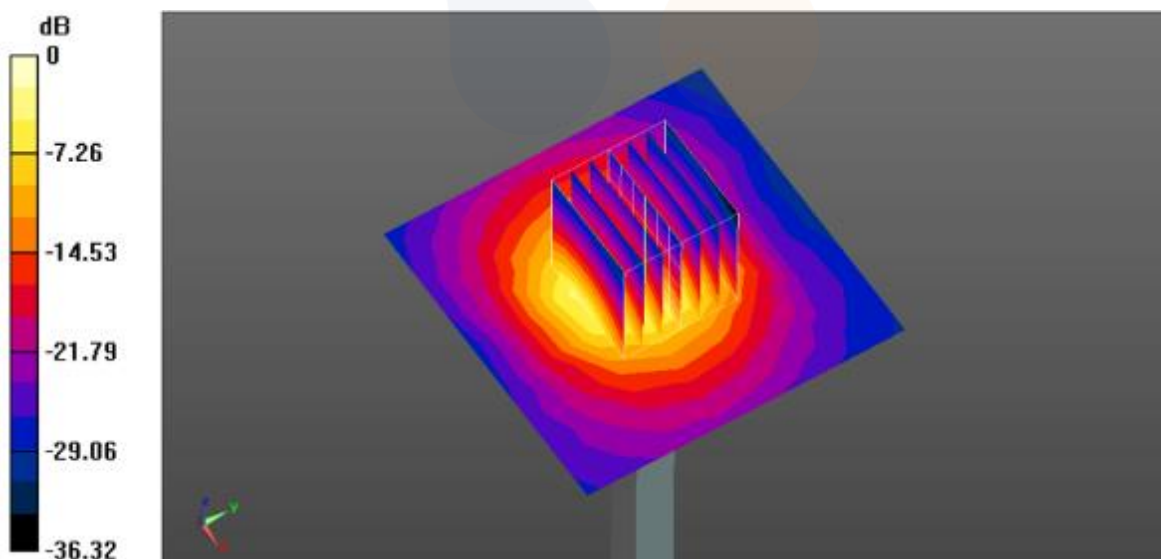
- Probe: EX3DV4 - SN7540; ConvF(6.96, 6.96, 6.96) @ 3500 MHz; Calibrated: 2024-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/3500 MHz Verification Input Power 100 mW 2025-02-21/Area Scan (8x8x1):

Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 10.1 W/kg

Configuration/3500 MHz Verification Input Power 100 mW 2025-02-21/Zoom Scan (7x7x8)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=1.4mm
Reference Value = 1.745 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 17.0 W/kg
SAR(1 g) = 6.42 W/kg; SAR(10 g) = 2.49 W/kg
Maximum value of SAR (measured) = 11.4 W/kg



0 dB = 11.4 W/kg = 10.57 dBW/kg

Date: 2025-02-07

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [3700 MHz Verification Input Power 100 mW 2025-02-07.da5.da53:0](#)

DUT: Dipole 3700 MHz D3700V2, Type: D3700V2, Serial: D3700V2 - SN:1027

Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3700$ MHz; $\sigma = 3.006$ S/m; $\epsilon_r = 36.909$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7540; ConvF(6.87, 6.87, 6.87) @ 3700 MHz; Calibrated: 2024-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

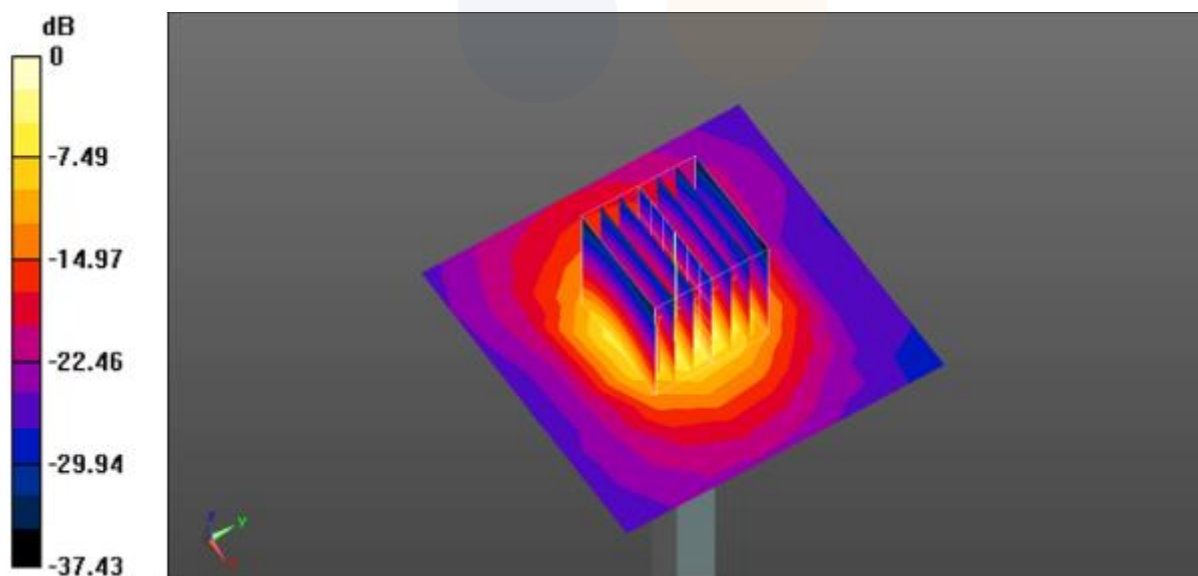
Configuration/3700 MHz Verification Input Power 100 mW 2025-02-07/Area Scan (8x8x1):

Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 9.72 W/kg

Configuration/3700 MHz Verification Input Power 100 mW 2025-02-07/Zoom Scan (7x7x8)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=1.4mm
Reference Value = 70.28 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 19.6 W/kg
SAR(1 g) = 6.9 W/kg; SAR(10 g) = 2.56 W/kg

Maximum value of SAR (measured) = 13.9 W/kg



0 dB = 13.9 W/kg = 11.43 dBW/kg

Date: 2025-02-12

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [3700 MHz Verification Input Power 100 mW 2025-02-12.da5.da53:0](#)

DUT: Dipole 3700 MHz D3700V2, Type: D3700V2, Serial: D3700V2 - SN:1027

Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3700 \text{ MHz}$; $\sigma = 2.999 \text{ S/m}$; $\epsilon_r = 38.719$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7540; ConvF(6.87, 6.87, 6.87) @ 3700 MHz; Calibrated: 2024-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

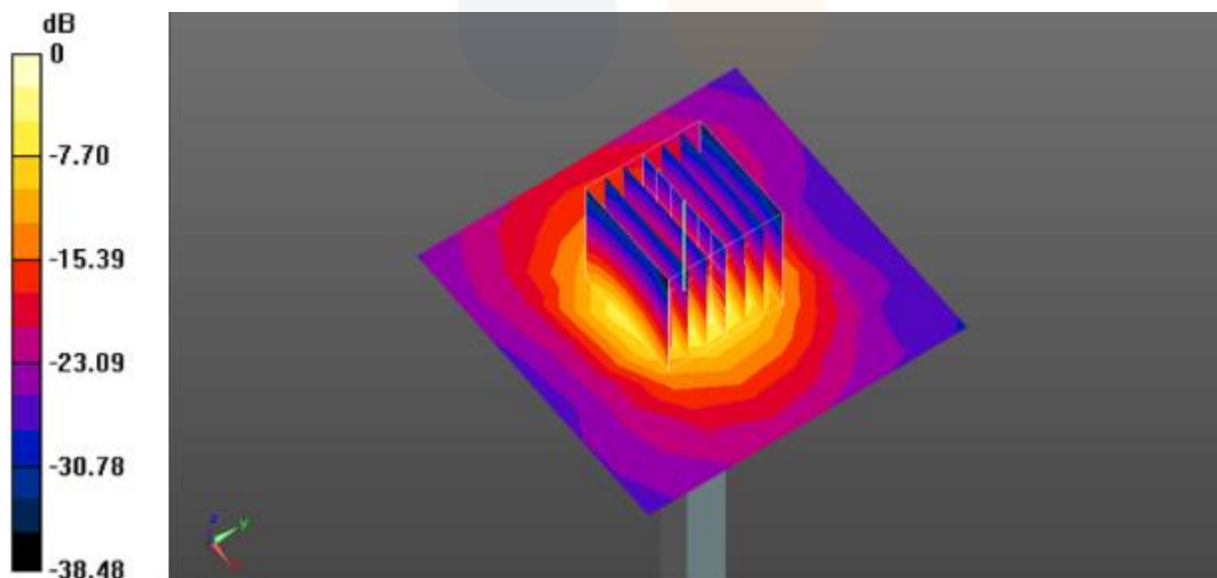
Configuration/3700 MHz Verification Input Power 100 mW 2025-02-12/Area Scan (8x8x1):

Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Maximum value of SAR (measured) = 9.94 W/kg

Configuration/3700 MHz Verification Input Power 100 mW 2025-02-12/Zoom Scan (7x7x8)/Cube 0:

Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 69.45 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 18.6 W/kg
SAR(1 g) = 6.69 W/kg; SAR(10 g) = 2.49 W/kg

Maximum value of SAR (measured) = 13.3 W/kg



0 dB = 13.3 W/kg = 11.24 dBW/kg

Date: 2025-02-15

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [3700 MHz Verification Input Power 100 mW 2025-02-15.da5.da53:0](#)

DUT: Dipole 3700 MHz D3700V2, Type: D3700V2, Serial: D3700V2 - SN:1027

Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3700$ MHz; $\sigma = 3.121$ S/m; $\epsilon_r = 37.032$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

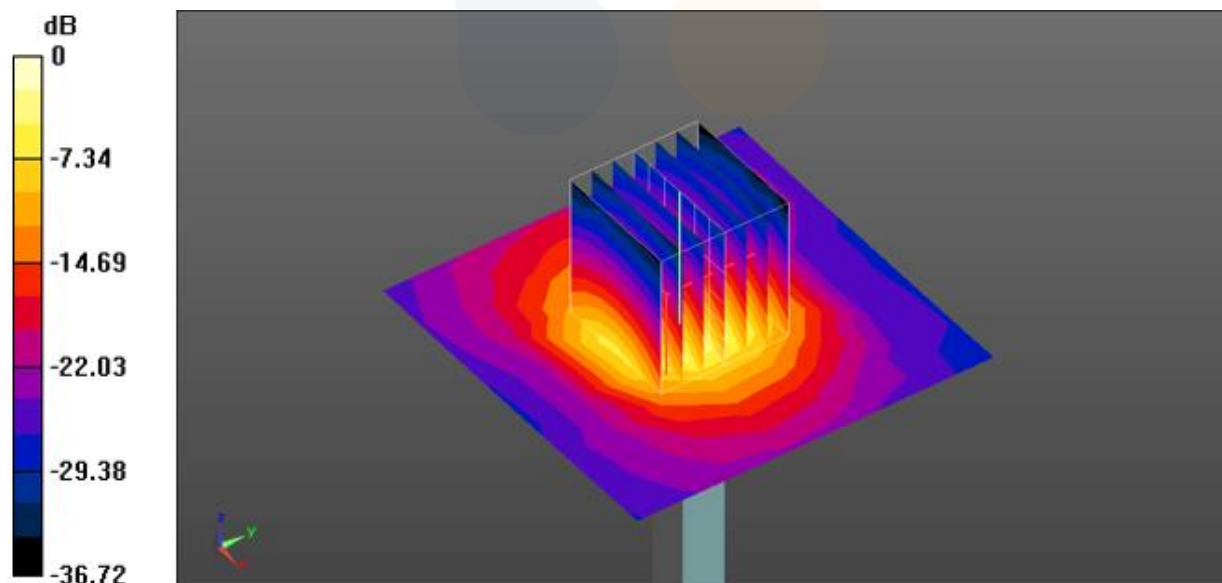
- Probe: EX3DV4 - SN7540; ConvF(6.87, 6.87, 6.87) @ 3700 MHz; Calibrated: 2024-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/3700 MHz Verification Input Power 100 mW 2025-02-15/Area Scan (8x8x1):

Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 9.73 W/kg

Configuration/3700 MHz Verification Input Power 100 mW 2025-02-15/Zoom Scan (7x7x8)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=1.4mm
Reference Value = 69.22 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 19.1 W/kg
SAR(1 g) = 6.91 W/kg; SAR(10 g) = 2.57 W/kg
Maximum value of SAR (measured) = 13.7 W/kg



0 dB = 13.7 W/kg = 11.37 dBW/kg

Date: 2025-02-16

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [3700 MHz Verification Input Power 100 mW 2025-02-16.da5.da53:0](#)

DUT: Dipole 3700 MHz D3700V2, Type: D3700V2, Serial: D3700V2 - SN:1027

Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3700$ MHz; $\sigma = 3.017$ S/m; $\epsilon_r = 37.077$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7540; ConvF(6.87, 6.87, 6.87) @ 3700 MHz; Calibrated: 2024-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

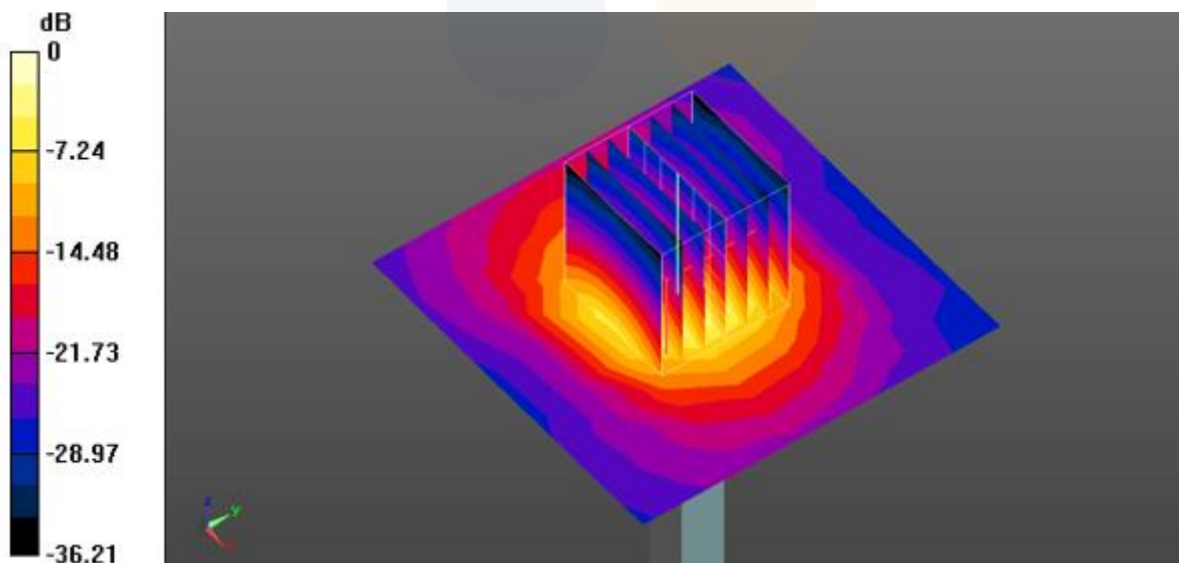
Configuration/3700 MHz Verification Input Power 100 mW 2025-02-16/Area Scan (8x8x1):

Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 9.69 W/kg

Configuration/3700 MHz Verification Input Power 100 mW 2025-02-16/Zoom Scan (7x7x8)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=1.4mm
 Reference Value = 69.83 V/m; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 18.7 W/kg
SAR(1 g) = 6.82 W/kg; SAR(10 g) = 2.53 W/kg

Maximum value of SAR (measured) = 13.5 W/kg



0 dB = 13.5 W/kg = 11.30 dBW/kg

Date: 2025-02-17

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [3700 MHz Verification Input Power 100 mW 2025-02-17.da5.da53:0](#)

DUT: Dipole 3700 MHz D3700V2, Type: D3700V2, Serial: D3700V2 - SN:1027

Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3700$ MHz; $\sigma = 3.069$ S/m; $\epsilon_r = 37.102$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

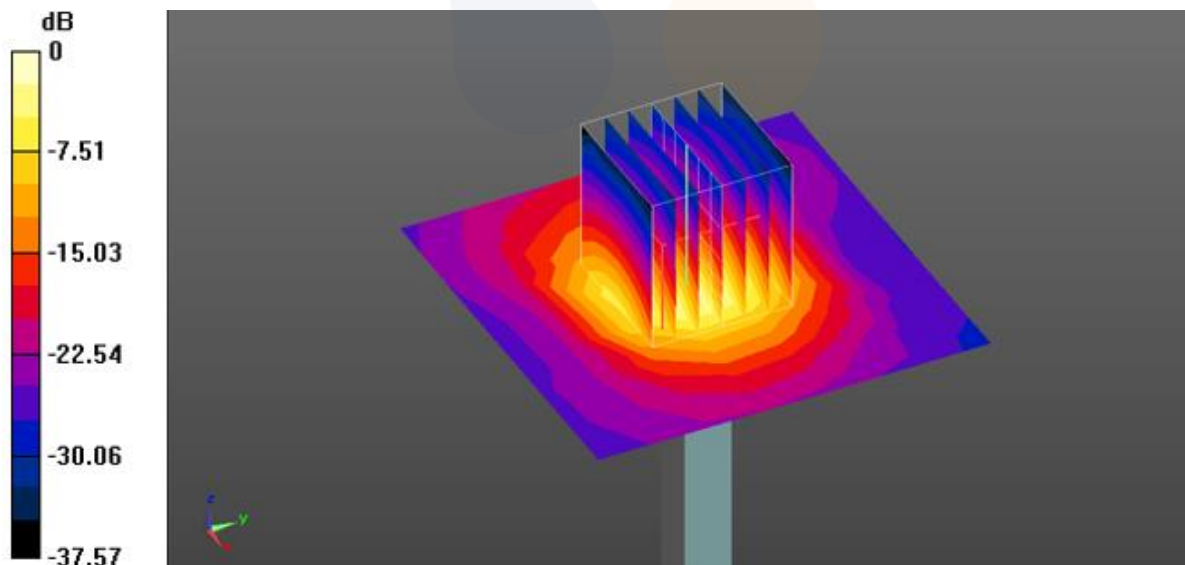
- Probe: EX3DV4 - SN7540; ConvF(6.87, 6.87, 6.87) @ 3700 MHz; Calibrated: 2024-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/3700 MHz Verification Input Power 100 mW 2025-02-17/Area Scan (8x8x1):

Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 10.2 W/kg

Configuration/3700 MHz Verification Input Power 100 mW 2025-02-17/Zoom Scan (7x7x8)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=1.4mm
Reference Value = 70.94 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 19.9 W/kg
SAR(1 g) = 7.13 W/kg; SAR(10 g) = 2.65 W/kg
Maximum value of SAR (measured) = 14.3 W/kg



0 dB = 14.3 W/kg = 11.55 dBW/kg

Date: 2025-02-18

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [3700 MHz Verification Input Power 100 mW 2025-02-18.da5.da53:0](#)

DUT: Dipole 3700 MHz D3700V2, Type: D3700V2, Serial: D3700V2 - SN:1027

Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 3700$ MHz; $\sigma = 3.025$ S/m; $\epsilon_r = 37.178$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7540; ConvF(6.87, 6.87, 6.87) @ 3700 MHz; Calibrated: 2024-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/3700 MHz Verification Input Power 100 mW 2025-02-18/Area Scan (8x8x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 9.95 W/kg

Configuration/3700 MHz Verification Input Power 100 mW 2025-02-18/Zoom Scan (7x7x8)/Cube 0:

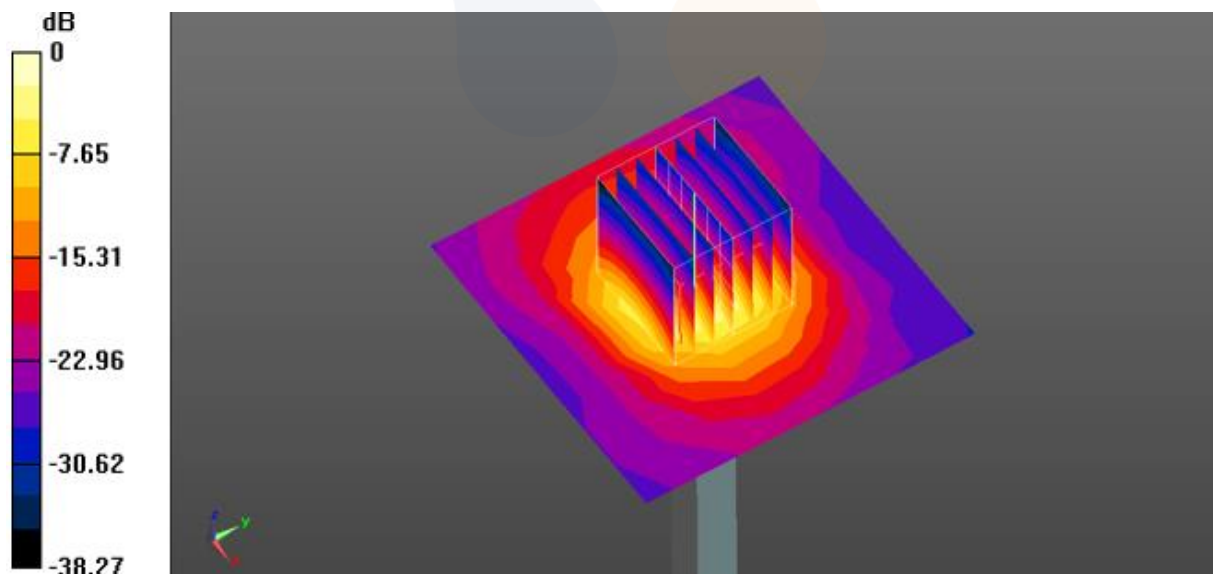
Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 70.13 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 19.3 W/kg

SAR(1 g) = 6.94 W/kg; SAR(10 g) = 2.58 W/kg

Maximum value of SAR (measured) = 13.8 W/kg



0 dB = 13.8 W/kg = 11.40 dBW/kg

Date: 2025-02-19

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [3700 MHz Verification Input Power 100 mW 2025-02-19.da5.da53:0](#)

DUT: Dipole 3700 MHz D3700V2, Type: D3700V2, Serial: D3700V2 - SN:1027

Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3700$ MHz; $\sigma = 3.044$ S/m; $\epsilon_r = 37.178$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

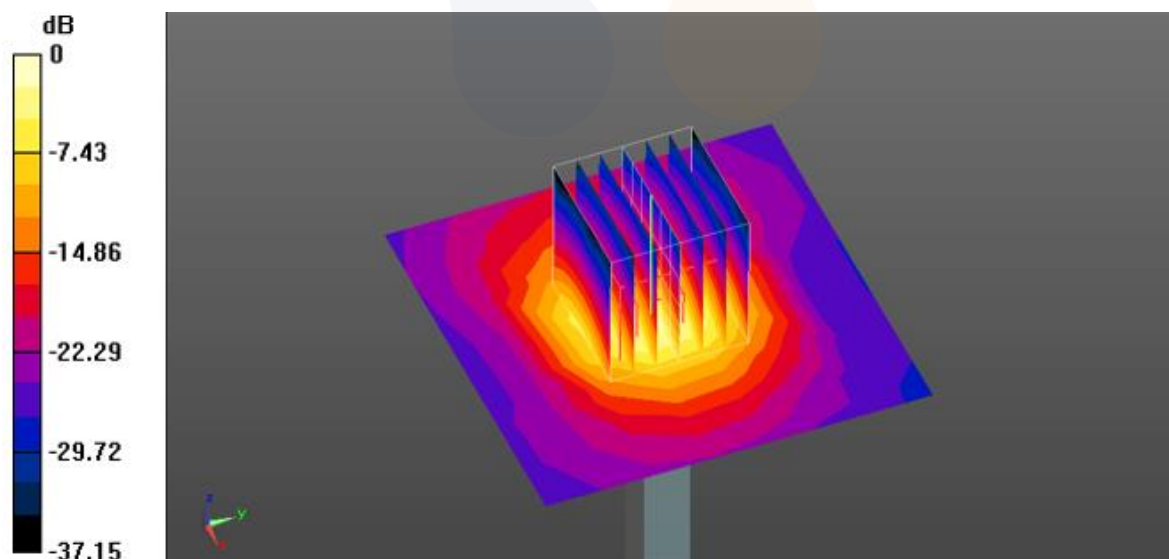
- Probe: EX3DV4 - SN7540; ConvF(6.87, 6.87, 6.87) @ 3700 MHz; Calibrated: 2024-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/3700 MHz Verification Input Power 100 mW 2025-02-19/Area Scan (8x8x1):

Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 10.1 W/kg

Configuration/3700 MHz Verification Input Power 100 mW 2025-02-19/Zoom Scan (7x7x8)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=1.4mm
 Reference Value = 70.35 V/m; Power Drift = 0.08 dB
 Peak SAR (extrapolated) = 19.5 W/kg
SAR(1 g) = 6.96 W/kg; SAR(10 g) = 2.58 W/kg
 Maximum value of SAR (measured) = 14.0 W/kg



0 dB = 14.0 W/kg = 11.46 dBW/kg

Date: 2025-02-20

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [3700 MHz Verification Input Power 100 mW 2025-02-20.da5.da53:0](#)

DUT: Dipole 3700 MHz D3700V2, Type: D3700V2, Serial: D3700V2 - SN:1027

Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3700$ MHz; $\sigma = 3.039$ S/m; $\epsilon_r = 36.251$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

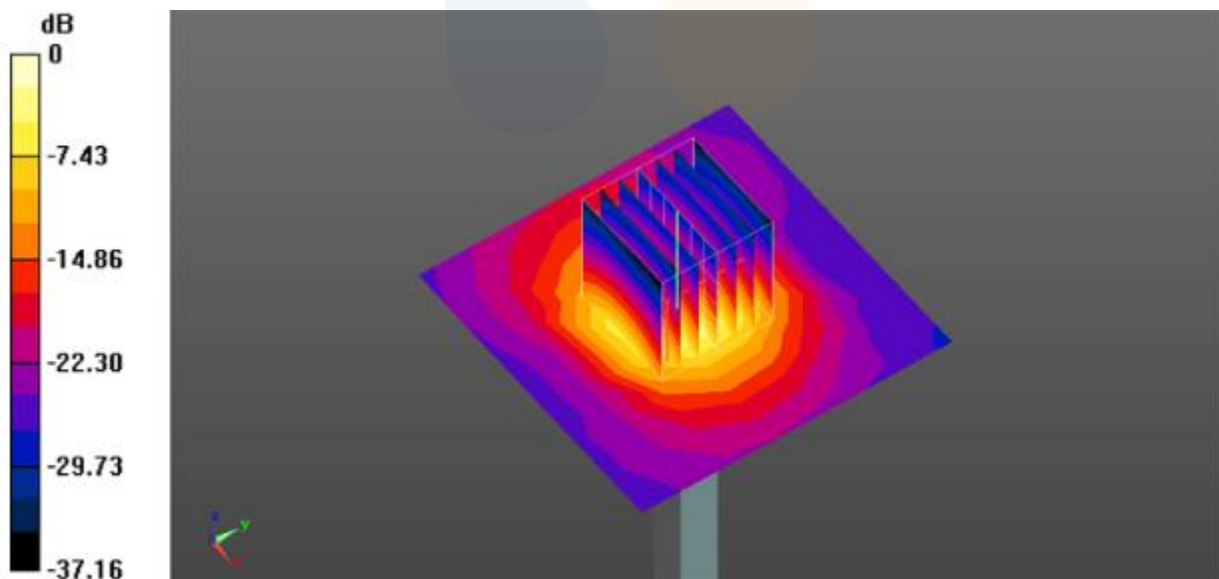
- Probe: EX3DV4 - SN7540; ConvF(6.87, 6.87, 6.87) @ 3700 MHz; Calibrated: 2024-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/3700 MHz Verification Input Power 100 mW 2025-02-20/Area Scan (8x8x1):

Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 9.75 W/kg

Configuration/3700 MHz Verification Input Power 100 mW 2025-02-20/Zoom Scan (7x7x8)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=1.4mm
Reference Value = 69.87 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 18.8 W/kg
SAR(1 g) = 6.78 W/kg; SAR(10 g) = 2.52 W/kg
Maximum value of SAR (measured) = 13.5 W/kg



0 dB = 13.5 W/kg = 11.30 dBW/kg

Date: 2025-02-21

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [3700 MHz Verification Input Power 100 mW 2025-02-21.da5.da53:0](#)

DUT: Dipole 3700 MHz D3700V2, Type: D3700V2, Serial: D3700V2 - SN:1027

Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3700 \text{ MHz}$; $\sigma = 3.036 \text{ S/m}$; $\epsilon_r = 37.137$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

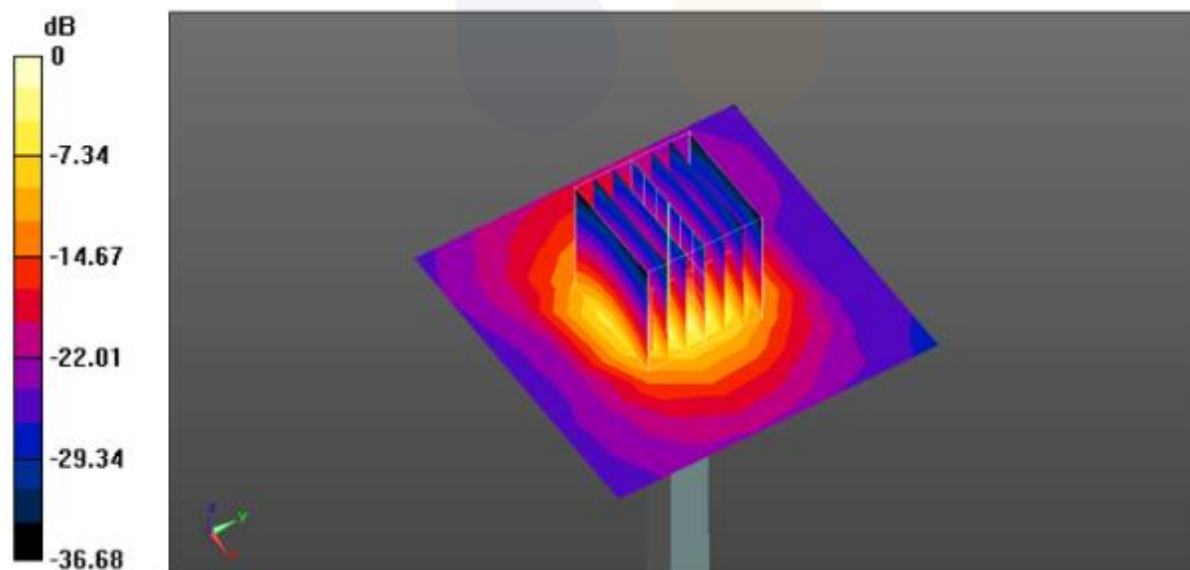
- Probe: EX3DV4 - SN7540; ConvF(6.87, 6.87, 6.87) @ 3700 MHz; Calibrated: 2024-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/3700 MHz Verification Input Power 100 mW 2025-02-21/Area Scan (8x8x1):

Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Maximum value of SAR (measured) = 9.87 W/kg

Configuration/3700 MHz Verification Input Power 100 mW 2025-02-21/Zoom Scan (7x7x8)/Cube 0:

Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 69.68 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 18.8 W/kg
SAR(1 g) = 6.8 W/kg; SAR(10 g) = 2.53 W/kg
Maximum value of SAR (measured) = 13.5 W/kg



0 dB = 13.5 W/kg = 11.30 dBW/kg

Date: 2025-02-28

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [3700 MHz Verification Input Power 100 mW 2025-02-28.da5.da53:0](#)

DUT: Dipole 3700 MHz D3700V2, Type: D3700V2, Serial: D3700V2 - SN:1027

Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 3700$ MHz; $\sigma = 3.096$ S/m; $\epsilon_r = 37.738$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7540; ConvF(6.87, 6.87, 6.87) @ 3700 MHz; Calibrated: 2024-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/3700 MHz Verification Input Power 100 mW 2025-02-28/Area Scan (8x8x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 10.3 W/kg

Configuration/3700 MHz Verification Input Power 100 mW 2025-02-28/Zoom Scan (7x7x8)/Cube 0:

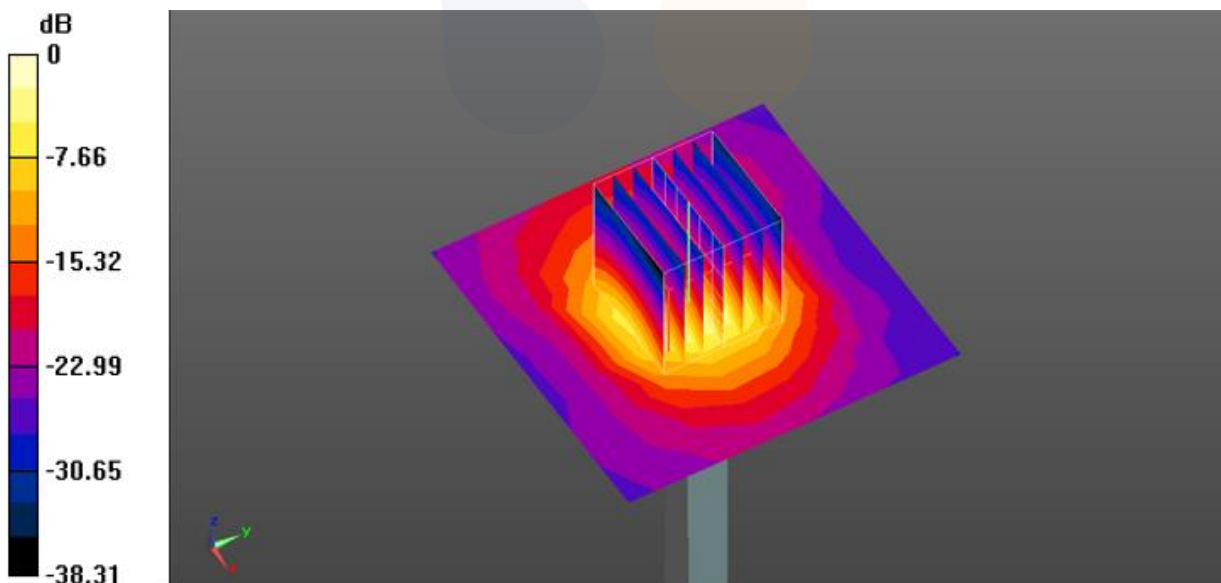
Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 70.91 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 19.9 W/kg

SAR(1 g) = 7.11 W/kg; SAR(10 g) = 2.63 W/kg

Maximum value of SAR (measured) = 14.3 W/kg



0 dB = 14.3 W/kg = 11.55 dBW/kg

Date: 2025-02-15

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [3900 MHz Verification Input Power 100 mW 2025-02-15.da5.da53:0](#)

DUT: Dipole 3900 MHz D3900V2, Type: D3900V2, Serial: D3900V2 - SN:1043

Communication System: UID 0, CW (0); Frequency: 3900 MHz; Duty Cycle: 1:1
Medium parameters used : $f = 3900$ MHz; $\sigma = 3.208$ S/m; $\epsilon_r = 36.617$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7540; ConvF(6.66, 6.66, 6.66) @ 3900 MHz; Calibrated: 2024-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/3900 MHz Verification Input Power 100 mW 2025-02-15/Area Scan (8x8x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 10.5 W/kg

Configuration/3900 MHz Verification Input Power 100 mW 2025-02-15/Zoom Scan (7x7x8)/Cube 0:

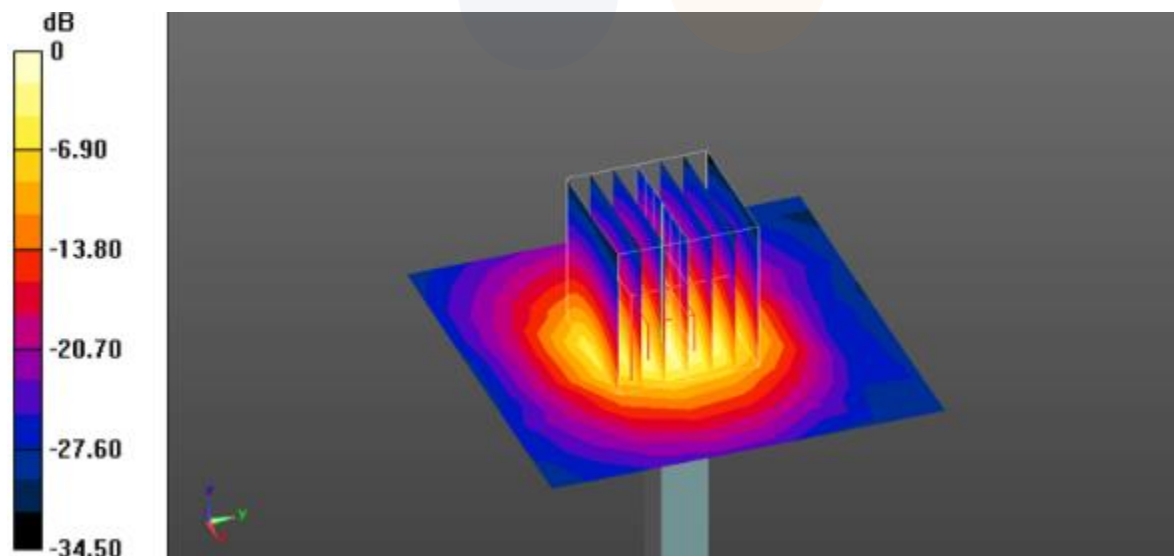
Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 69.81 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 18.0 W/kg

SAR(1 g) = 7.4 W/kg; SAR(10 g) = 2.88 W/kg

Maximum value of SAR (measured) = 13.9 W/kg



0 dB = 13.9 W/kg = 11.43 dBW/kg

Date: 2025-02-17

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [3900 MHz Verification Input Power 100 mW 2025-02-17.da5.da53:0](#)

DUT: Dipole 3900 MHz D3900V2, Type: D3900V2, Serial: D3900V2 - SN:1043

Communication System: UID 0, CW (0); Frequency: 3900 MHz; Duty Cycle: 1:1
Medium parameters used : $f = 3900$ MHz; $\sigma = 3.236$ S/m; $\epsilon_r = 36.75$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7540; ConvF(6.66, 6.66, 6.66) @ 3900 MHz; Calibrated: 2024-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/3900 MHz Verification Input Power 100 mW 2025-02-17/Area Scan (8x8x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 10.1 W/kg

Configuration/3900 MHz Verification Input Power 100 mW 2025-02-17/Zoom Scan (7x7x8)/Cube 0:

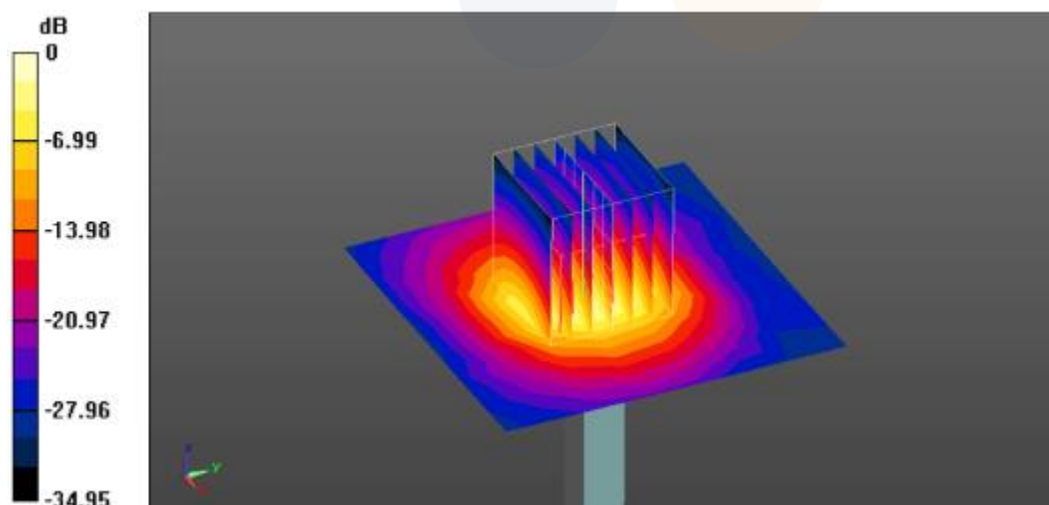
Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 68.36 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 17.1 W/kg

SAR(1 g) = 7 W/kg; SAR(10 g) = 2.73 W/kg

Maximum value of SAR (measured) = 13.2 W/kg



0 dB = 13.2 W/kg = 11.21 dBW/kg

Date: 2025-02-18

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [3900 MHz Verification Input Power 100 mW 2025-02-18.da5.da53:0](#)

DUT: Dipole 3900 MHz D3900V2, Type: D3900V2, Serial: D3900V2 - SN:1043

Communication System: UID 0, CW (0); Frequency: 3900 MHz; Duty Cycle: 1:1
Medium parameters used : $f = 3900 \text{ MHz}$; $\sigma = 3.203 \text{ S/m}$; $\epsilon_r = 36.821$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7540; ConvF(6.66, 6.66, 6.66) @ 3900 MHz; Calibrated: 2024-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/3900 MHz Verification Input Power 100 mW 2025-02-18/Area Scan (8x8x1):

Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 10.1 W/kg

Configuration/3900 MHz Verification Input Power 100 mW 2025-02-18/Zoom Scan (7x7x8)/Cube 0:

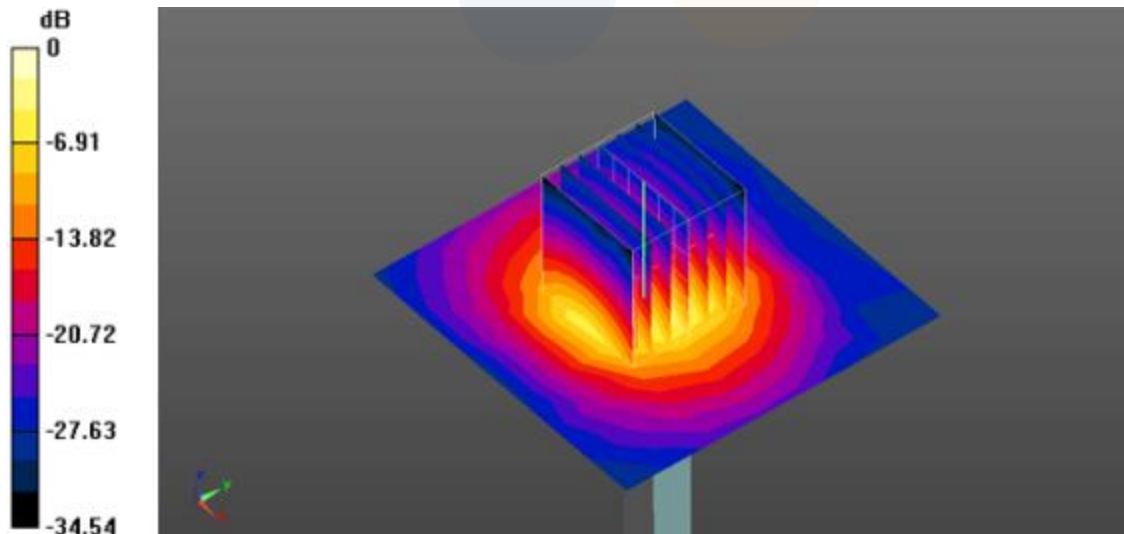
Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 68.33 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 16.8 W/kg

SAR(1 g) = 6.96 W/kg; SAR(10 g) = 2.71 W/kg

Maximum value of SAR (measured) = 13.0 W/kg



0 dB = 13.0 W/kg = 11.14 dBW/kg

Date: 2025-02-19

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [3900 MHz Verification Input Power 100 mW 2025-02-19.da5.da53:0](#)

DUT: Dipole 3900 MHz D3900V2, Type: D3900V2, Serial: D3900V2 - SN:1043

Communication System: UID 0, CW (0); Frequency: 3900 MHz; Duty Cycle: 1:1
Medium parameters used : $f = 3900$ MHz; $\sigma = 3.213$ S/m; $\epsilon_r = 36.816$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7540; ConvF(6.66, 6.66, 6.66) @ 3900 MHz; Calibrated: 2024-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/3900 MHz Verification Input Power 100 mW 2025-02-19/Area Scan (8x8x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 10.3 W/kg

Configuration/3900 MHz Verification Input Power 100 mW 2025-02-19/Zoom Scan (7x7x8)/Cube 0:

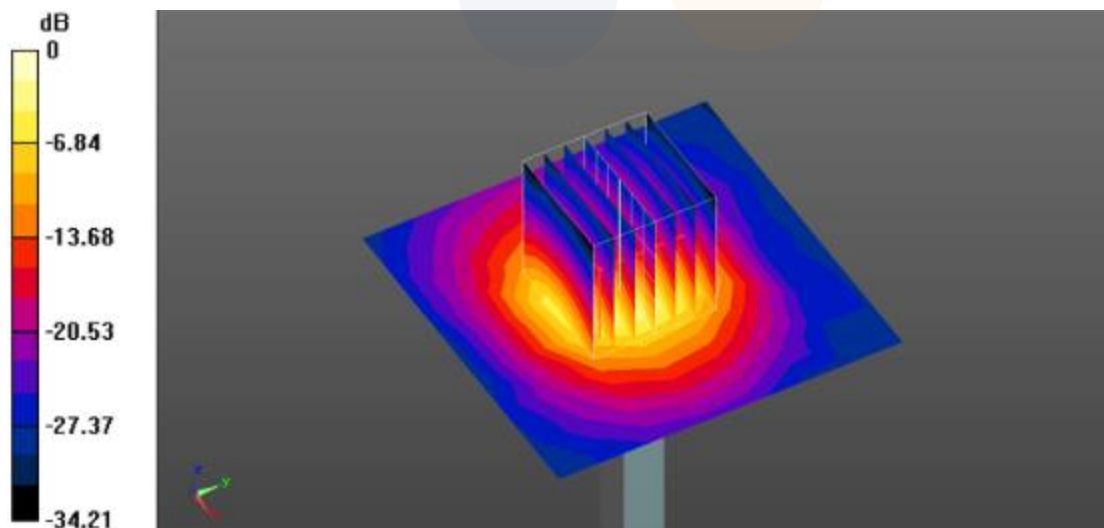
Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 69.05 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 17.7 W/kg

SAR(1 g) = 7.18 W/kg; SAR(10 g) = 2.8 W/kg

Maximum value of SAR (measured) = 13.6 W/kg



0 dB = 13.6 W/kg = 11.34 dBW/kg

Date: 2025-02-21

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [3900 MHz Verification Input Power 100 mW 2025-02-21.da5.da53:0](#)

DUT: Dipole 3900 MHz D3900V2, Type: D3900V2, Serial: D3900V2 - SN:1043

Communication System: UID 0, CW (0); Frequency: 3900 MHz; Duty Cycle: 1:1
Medium parameters used : $f = 3900$ MHz; $\sigma = 3.212$ S/m; $\epsilon_r = 36.798$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7540;ConvF(6.66, 6.66, 6.66) @ 3900 MHz; Calibrated: 2024-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/3900 MHz Verification Input Power 100 mW 2025-02-21/Area Scan (8x8x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 10.1 W/kg

Configuration/3900 MHz Verification Input Power 100 mW 2025-02-21/Zoom Scan (7x7x8)/Cube 0:

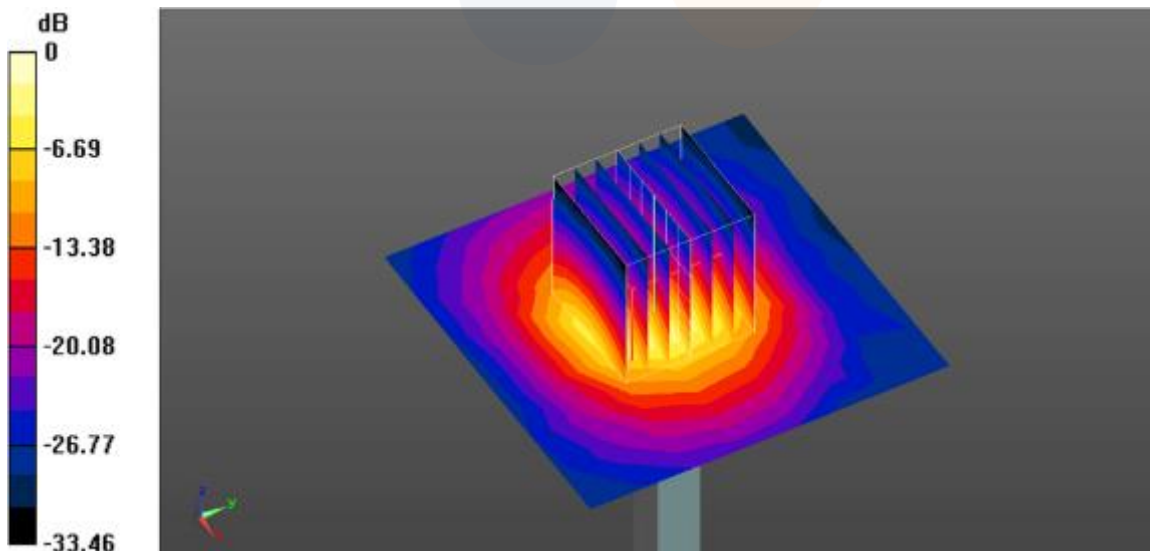
Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 68.78 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 17.0 W/kg

SAR(1 g) = 7.01 W/kg; SAR(10 g) = 2.73 W/kg

Maximum value of SAR (measured) = 13.2 W/kg



0 dB = 13.2 W/kg = 11.21 dBW/kg

Eurofins KCTL Co.,Ltd.

Measurement Report for D5GHzV2, FRONT, D5GHz, UID 0 -, (5250.000MHz)

Device under Test Properties

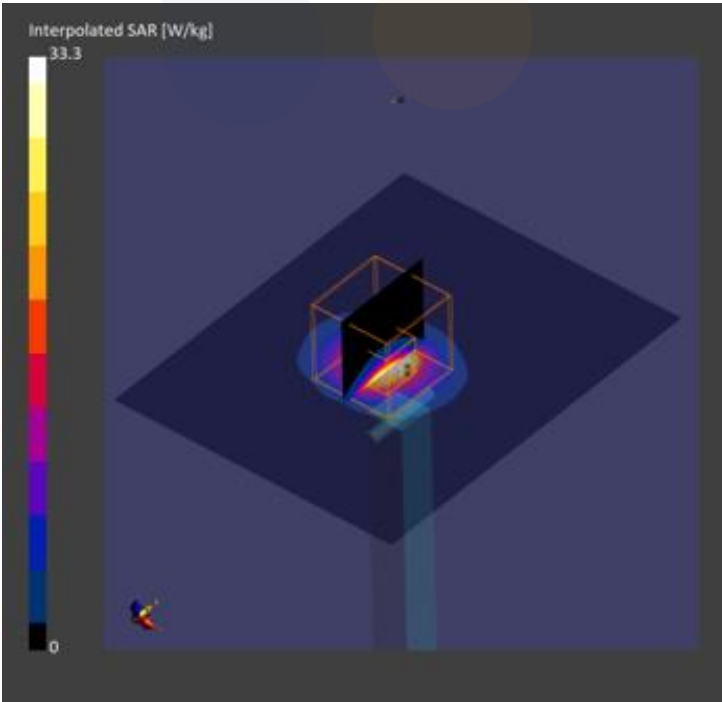
Model, Manufacturer		Dimensions [mm]		Serial Number	DUT Type		
D5GHzV2, Speag		10.0 x 10.0 x 300.0		1134	Validation Dipole		
Exposure Conditions							
Phantom	Position, Test	Band	Group,	Frequency	Conversion	TSL	TSL
Section, TSL	Distance		UID	[MHz]	Factor	Conductivity	Permittivity
	[mm]					[S/m]	
Flat,	FRONT,	D5GHz	CW,	5250.000	5.47	4.79	35.4
Head	10.00		0--				
Simulating							
Liquid							

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 - 2189	HBBL-600-10000 , 2025-03-05	EX3DV4 - SN7851, 2024-07-17	DAE4 Sn1759, 2024-11-19

Scan Setup

	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 100.0	24.0 x 24.0 x 22.0	Date	2025-03-05	2025-03-05
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4	psSAR1g [W/kg]	6.67	8.00
Sensor Surface [mm]	3.0	1.4	psSAR8g [W/kg]	2.38	2.69
Graded Grid	No	Yes	psSAR10g [W/kg]	2.06	2.32
Grading Ratio	N/A	1.4	psAPD (1.0cm2, sq) [W/m2]		N/A
MAIA	N/A	N/A	psAPD (4.0cm2, sq) [W/m2]		N/A
Surface	VMS + 6p	VMS + 6p	Power Drift [dB]		-0.04
Detection			Peak SAR [W/kg]		33.3
Scan Method	Measured	Measured			



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Eurofins KCTL Co.,Ltd.

Measurement Report for D5GHzV2, FRONT, D5GHz, UID 0 -, (5600.000MHz)

Device under Test Properties

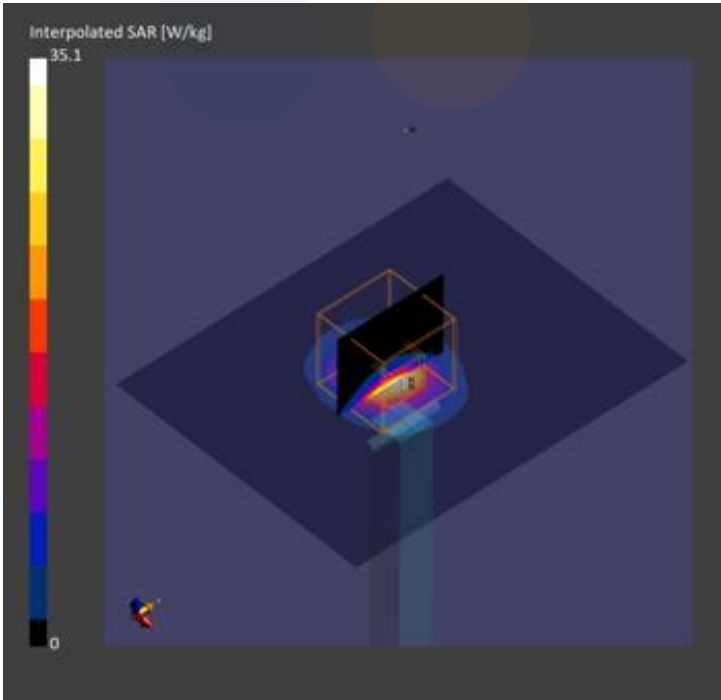
Model, Manufacturer		Dimensions [mm]		Serial Number	DUT Type		
D5GHzV2, Speag		10.0 x 10.0 x 300.0		1134	Validation Dipole		
Exposure Conditions							
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	FRONT, 10.00	D5GHz	CW, 0--	5600.000	4.83	5.22	34.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 - 2189	HBBL-600-10000 , 2025-03-05	EX3DV4 - SN7851, 2024-07-17	DAE4 Sn1759, 2024-11-19

Scan Setup

	Area Scan	Zoom Scan	Measurement Results		Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 100.0	22.0 x 22.0 x 22.0	Date		2025-03-05	2025-03-05
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4	psSAR1g [W/kg]		7.17	8.38
Sensor Surface [mm]	3.0	1.4	psSAR8g [W/kg]		2.51	2.82
Graded Grid	No	Yes	psSAR10g [W/kg]		2.17	2.44
Grading Ratio	N/A	1.4	psAPD (1.0cm2, sq) [W/m2]			N/A
MAIA	N/A	N/A	psAPD (4.0cm2, sq) [W/m2]			N/A
Surface	VMS + 6p	VMS + 6p	Power Drift [dB]			-0.02
Detection			Peak SAR [W/kg]			35.1
Scan Method	Measured	Measured				61.3
						7.6



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Eurofins KCTL Co.,Ltd.

Measurement Report for D5GHzV2, FRONT, D5GHz, UID 0 -, (5800.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	Serial Number	DUT Type
D5GHzV2, Speag	10.0 x 10.0 x 300.0	1134	Validation Dipole

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	FRONT, 10.00	D5GHz	CW, 0--	5800.000	4.93	5.44	34.2

Hardware Setup

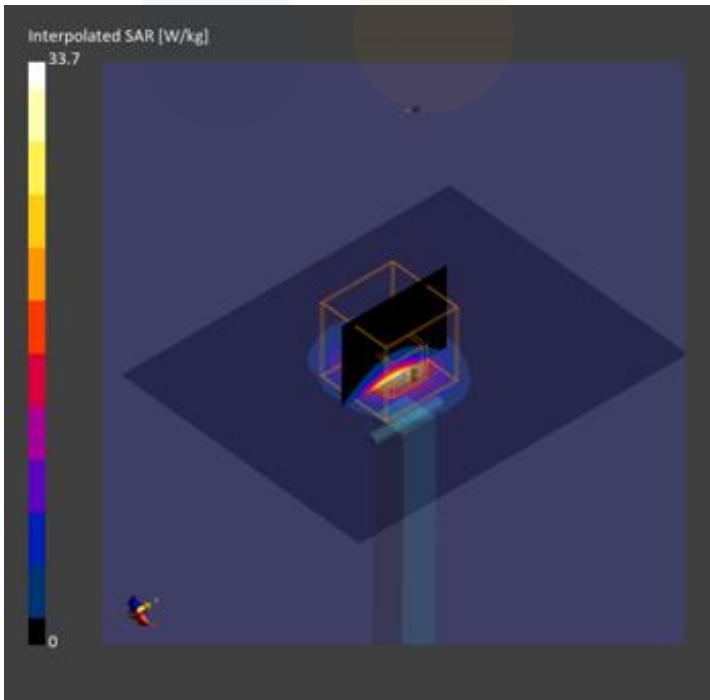
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 - 2189	HBBL-600-10000 , 2025-03-06	EX3DV4 - SN7851, 2024-07-17	DAE4 Sn1759, 2024-11-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 100.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	No	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface	VMS + 6p	VMS + 6p
Detection		
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-06	2025-03-06
psSAR1g [W/kg]	6.88	7.96
psSAR8g [W/kg]	2.40	2.68
psSAR10g [W/kg]	2.07	2.31
psAPD (1.0cm2, sq) [W/m2]		N/A
psAPD (4.0cm2, sq) [W/m2]		N/A
Power Drift [dB]		0.02
Peak SAR [W/kg]		33.7
		60.9
		7.4



18. Test Results

1)

Date: 2025-01-10

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [1. WCDMA II.da53:3](#)

DUT: SM-X358U, Type: Tablet, Serial: R32XB001YML

Communication System: UID 0, W-CDMA 1900 (Band 2) (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.416$ S/m; $\epsilon_r = 39.645$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7772; ConvF(7.29, 7.17, 7.65) @ 1880 MHz; Calibrated: 2024-09-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2024-07-12
- Phantom: ELI v5.0 sn1178; Type: QDOVA002AA; Serial: TP:1178
- Measurement SW: DASY52, Version 52.10 (4);

Max Top/WCDMA II_CH9400_Top_18 mm/Area Scan (8x21x1): Measurement grid: dx=15mm, dy=15mm

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

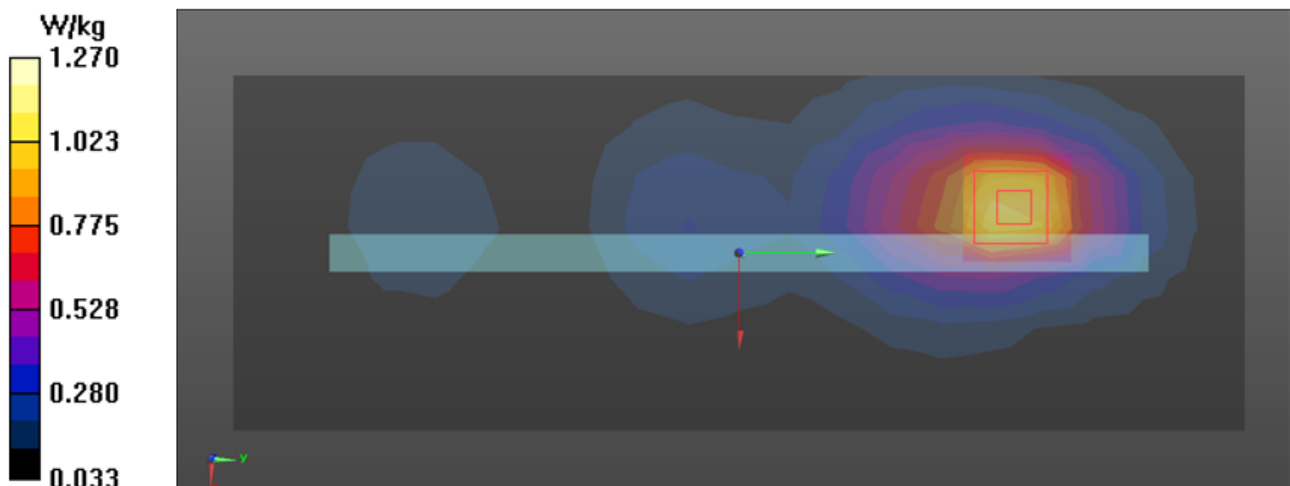
Max Top/WCDMA II_CH9400_Top_18 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.12 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.899 W/kg; SAR(10 g) = 0.536 W/kg

Maximum value of SAR (measured) = 1.27 W/kg



2)

Date: 2025-01-10

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: [1. WCDMA IV.da53:3](#)

DUT: SM-X358U, Type: Tablet, Serial: R32XB001YML

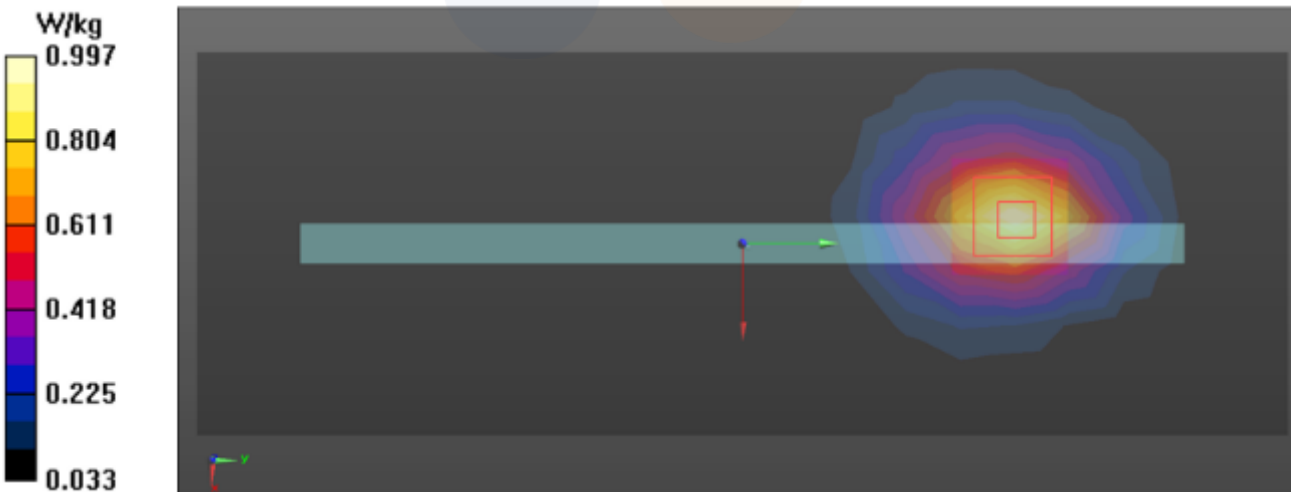
Communication System: UID 0, W-CDMA 1700 (Band4) (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1752.6 \text{ MHz}$; $\sigma = 1.326 \text{ S/m}$; $\epsilon_r = 39.839$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7772; ConvF(7.45, 7.32, 7.81) @ 1752.6 MHz; Calibrated: 2024-09-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2024-07-12
- Phantom: ELI v5.0 sn1178; Type: QDOVA002AA; Serial: TP:1178
- Measurement SW: DASY52, Version 52.10 (4);

Max Top/WCDMA IV_CH1513_Top_18 mm/Area Scan (8x21x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.00 W/kg

Max Top/WCDMA IV_CH1513_Top_18 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.884 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.723 W/kg; SAR(10 g) = 0.437 W/kg
Maximum value of SAR (measured) = 0.997 W/kg



3)

Date: 2025-01-09

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: [1. WCDMA V.da53:1](#)

DUT: SM-X358U, Type: Tablet, Serial: R32XB001YML

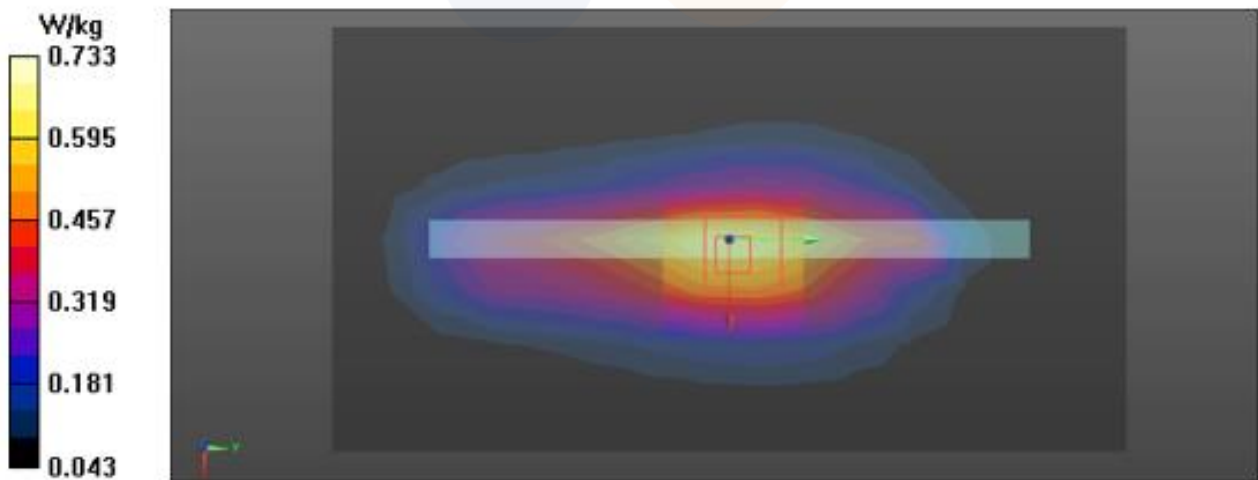
Communication System: UID 0, W-CDMA 850 (Band 5) (0); Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.945 \text{ S/m}$; $\epsilon_r = 39.792$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7772;ConvF(7.96, 7.82, 8.34) @ 836.4 MHz; Calibrated: 2024-09-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2024-07-12
- Phantom: ELI v5.0 sn1178; Type: QDOVA002AA; Serial: TP:1178
- Measurement SW: DASY52, Version 52.10 (4);

Max Right/WCDMA V_CH4183_Right_0 mm/Area Scan (9x16x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.661 W/kg

Max Right/WCDMA V_CH4183_Right_0 mm/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.93 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.858 W/kg
SAR(1 g) = 0.523 W/kg; SAR(10 g) = 0.337 W/kg
Maximum value of SAR (measured) = 0.733 W/kg



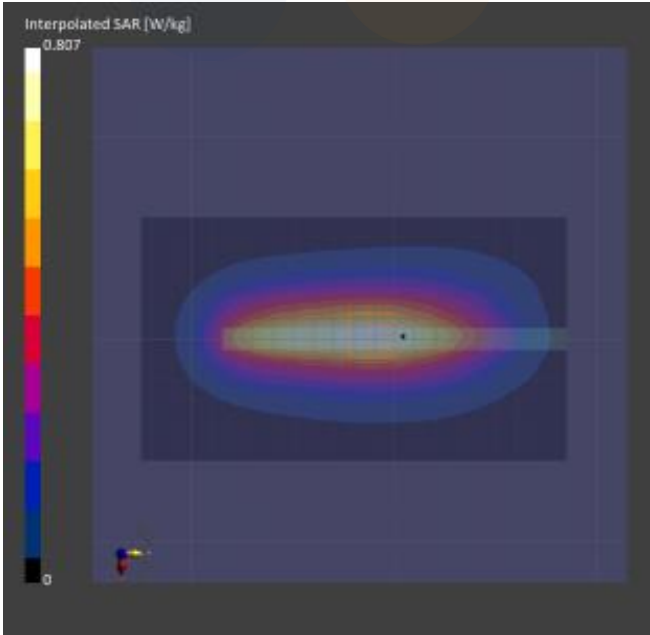
4)
Eurofins KCTL Co.,Ltd.
Measurement Report for SM-X358U, EDGE RIGHT, Custom Band, UID 0 -, Channel 20525 (836.500MHz)

Device under Test Properties							
Model, Manufacturer	Dimensions [mm]	Serial Number		DUT Type			
SM-X358U, SAMSUNG	170.0 x 243.0 x 11.0	R32Y100268R		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, Head Simulating Liquid	EDGE RIGHT, 0.00	Custom Band	CW, 0--	836.500, 20525	9.54	0.879	43.2

Hardware Setup			
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 - 2189	HBBL-600-10000 , 2025-02-27	EX3DV4 - SN7851, 2024-07-17	DAE4 Sn1759, 2024-11-19

Scan Setup		Measurement Results			
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	30.0 x 30.0 x 30.0	Date	2025-02-27	2025-02-27
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5	psSAR1g [W/kg]	0.429	0.444
Sensor Surface [mm]	3.0	1.4	psSAR8g [W/kg]	0.296	0.302
Graded Grid	No	Yes	psSAR10g [W/kg]	0.280	0.287
Grading Ratio	N/A	1.5	psAPD (1.0cm2, sq) [W/m2]		N/A
MAIA	N/A	N/A	psAPD (4.0cm2, sq) [W/m2]		N/A
Surface Detection	VMS + 6p	VMS + 6p	Power Drift [dB]		0.02
Scan Method	Measured	Measured	Peak SAR [W/kg]		0.807



5)

Date: 1/3/2025

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [1. LTE 7 20 MHz QPSK Body.da53:0](#)

DUT: SM-X358U, Type: Tablet, Serial: R32XB001YWJ

Communication System: UID 0, LTE band 7 (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535 \text{ MHz}$; $\sigma = 1.883 \text{ S/m}$; $\epsilon_r = 38.261$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7770; ConvF(6.37, 6.45, 6.85) @ 2535 MHz; Calibrated: 11/22/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 2/16/2024
- Phantom: ELI V8.0_Left; Type: QD OVA 004 Ax; Serial: 2098
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/LTE Band 7_QPSK_20MHz_1RB_49offset_CH21100_Rear_16 mm/Area Scan

(16x20x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.895 W/kg

Configuration/LTE Band 7_QPSK_20MHz_1RB_49offset_CH21100_Rear_16 mm/Zoom Scan

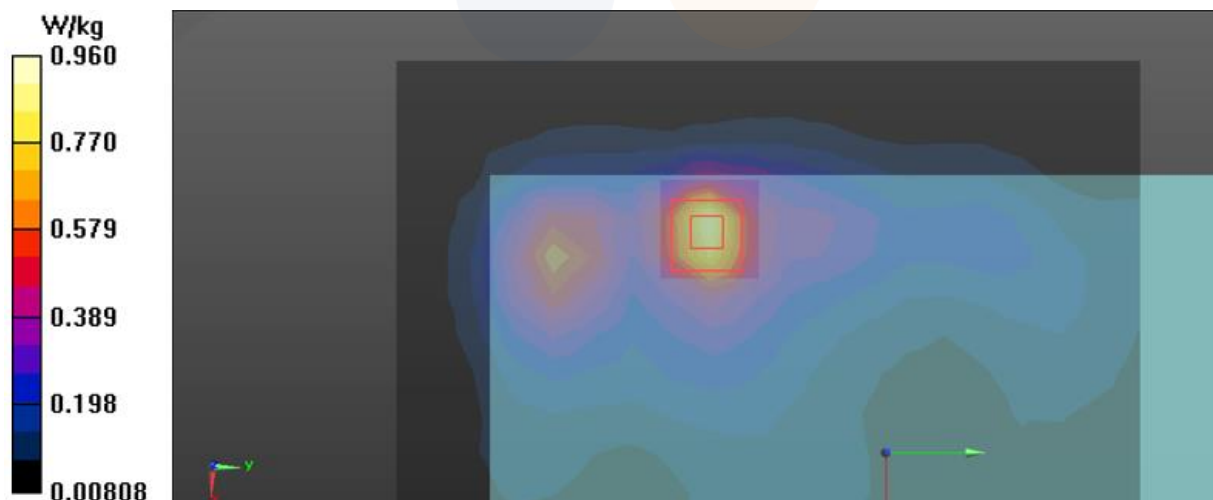
(7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.073 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.585 W/kg; SAR(10 g) = 0.287 W/kg

Maximum value of SAR (measured) = 0.960 W/kg



6)

Date: 2025-02-03

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: [1. LTE Sub Band 7.da53:4](#)

DUT: SM-X358U, Type: Tablet, Serial: R32Y1001YNP

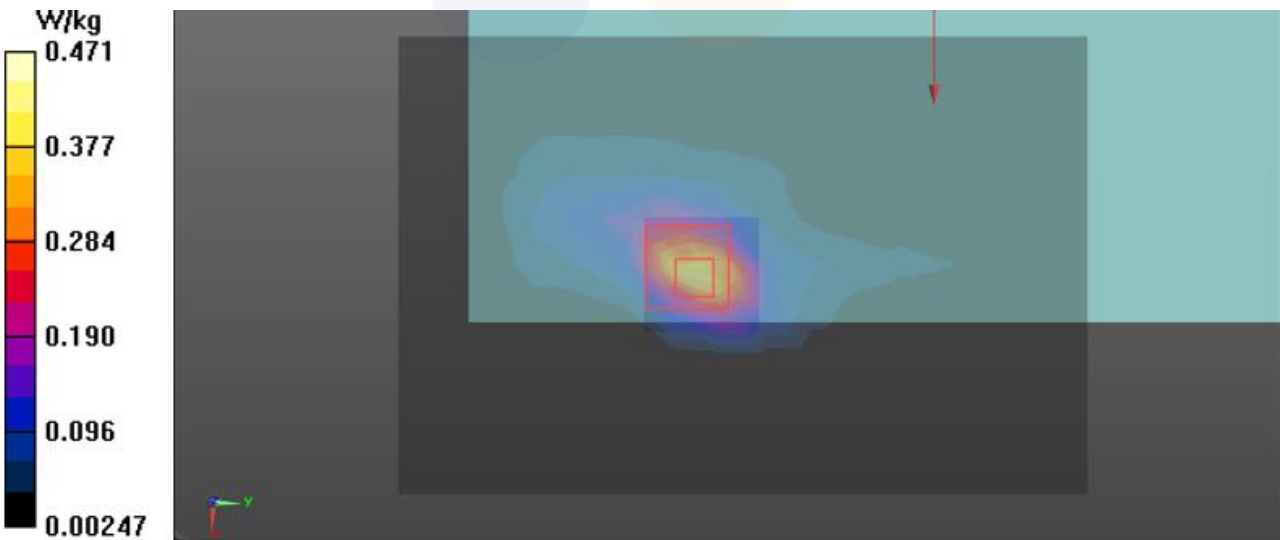
Communication System: UID 0, LTE band 7 (0); Frequency: 2510 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2510 \text{ MHz}$; $\sigma = 1.938 \text{ S/m}$; $\epsilon_r = 38.582$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7772; ConvF(6.62, 6.5, 6.94) @ 2510 MHz; Calibrated: 2024-09-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2024-07-12
- Phantom: ELI v5.0 sn1178; Type: QDOVA002AA; Serial: TP:1178
- Measurement SW: DASY52, Version 52.10 (4);

Back-off Rear/LTE Band 7_QPSK_20MHz_50RB_24offset_CH20850_Rear_0 mm Grip/Area Scan (11x16x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Maximum value of SAR (measured) = 0.370 W/kg

Back-off Rear/LTE Band 7_QPSK_20MHz_50RB_24offset_CH20850_Rear_0 mm Grip/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 16.68 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.612 W/kg
SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.109 W/kg
Maximum value of SAR (measured) = 0.471 W/kg



7)

Date: 2025-01-03

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: [1. LTE Band 12.da53:4](#)

DUT: SM-X358U, Type: Tablet, Serial: R32XB001YML

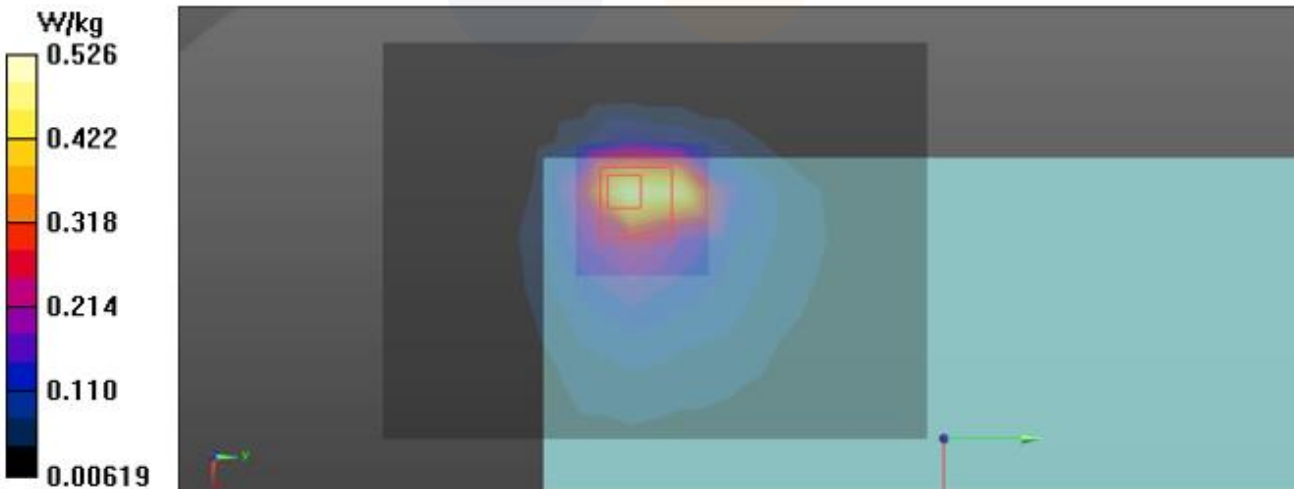
Communication System: UID 0, LTE Band 12 (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.886 \text{ S/m}$; $\epsilon_r = 40.313$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7772; ConvF(8.16, 8.02, 8.55) @ 707.5 MHz; Calibrated: 2024-09-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2024-07-12
- Phantom: ELI v5.0 sn1178; Type: QDOVA002AA; Serial: TP:1178
- Measurement SW: DASY52, Version 52.10 (4);

Back-off Rear/LTE Band 12_QPSK_10MHz_25RB_12offset_CH23095_Rear_0 mm Grip/Area Scan (9x12x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.506 W/kg

Back-off Rear/LTE Band 12_QPSK_10MHz_25RB_12offset_CH23095_Rear_0 mm Grip/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 2.072 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.826 W/kg
SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.157 W/kg
Maximum value of SAR (measured) = 0.526 W/kg



8)

Date: 2025-01-20

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: [1. LTE Band 13.da53:1](#)

DUT: SM-X358U, Type: Tablet, Serial: R32Y1001YNP

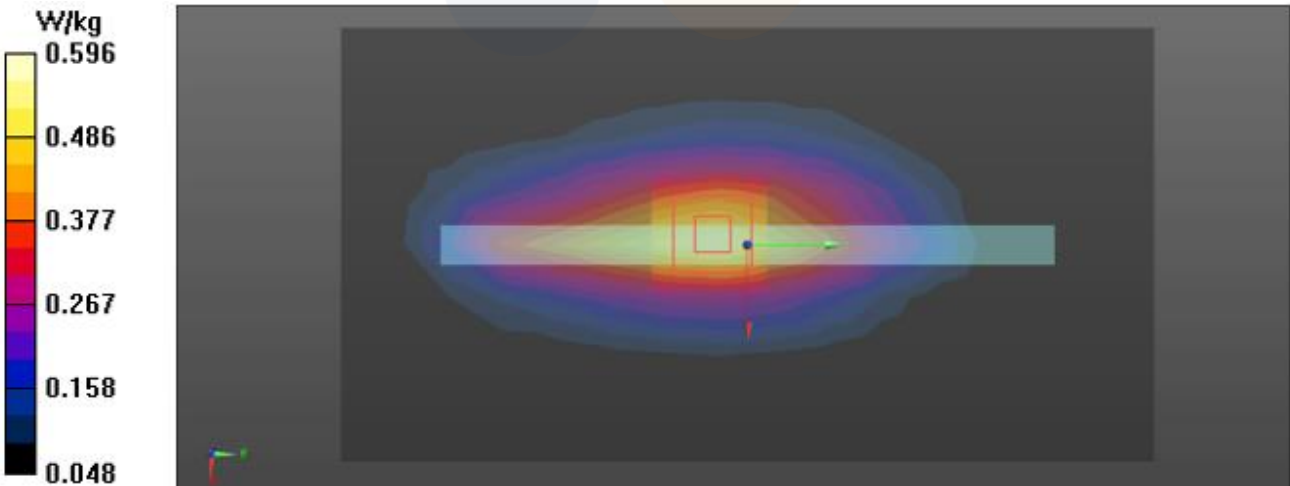
Communication System: UID 0, LTE Band 13 (0); Frequency: 782 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.919 \text{ S/m}$; $\epsilon_r = 40.511$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7772; ConvF(8.16, 8.02, 8.55) @ 782 MHz; Calibrated: 2024-09-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2024-07-12
- Phantom: ELI v5.0 sn1178; Type: QDOVA002AA; Serial: TP:1178
- Measurement SW: DASY52, Version 52.10 (4);

Max Right/LTE Band 13_QPSK_10MHz_1RB_25offset_CH23230_Right_0 mm/Area Scan (9x16x1):
Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.570 W/kg

Max Right/LTE Band 13_QPSK_10MHz_1RB_25offset_CH23230_Right_0 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 25.67 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.686 W/kg
SAR(1 g) = 0.425 W/kg; SAR(10 g) = 0.274 W/kg
Maximum value of SAR (measured) = 0.596 W/kg



9)

Date: 2025-01-09

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: [1. LTE Band 14.da53:4](#)

DUT: SM-X358U, Type: Tablet, Serial: R32XB001YML

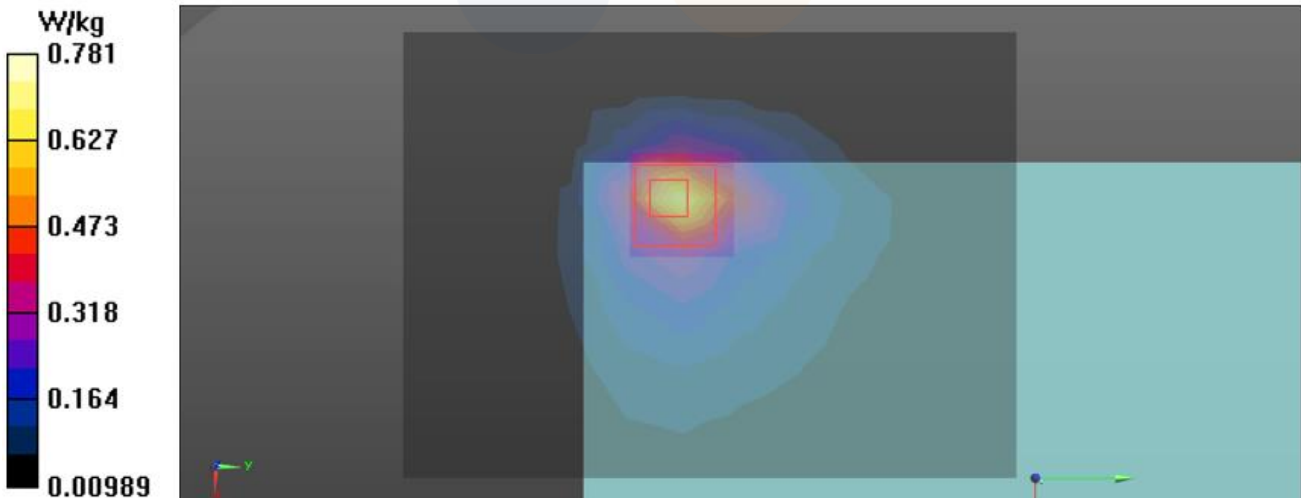
Communication System: UID 0, LTE Band 14 (0); Frequency: 793 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.94 \text{ S/m}$; $\epsilon_r = 40.553$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7772; ConvF(8.16, 8.02, 8.55) @ 793 MHz; Calibrated: 2024-09-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2024-07-12
- Phantom: ELI v5.0 sn1178; Type: QDOVA002AA; Serial: TP:1178
- Measurement SW: DASY52, Version 52.10 (4);

Back-off Rear/LTE Band 14_QPSK_10MHz_25RB_25offset_CH23330_Rear_0 mm Grip (Zoom Require)/Area Scan (9x12x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.697 W/kg

Back-off Rear/LTE Band 14_QPSK_10MHz_25RB_25offset_CH23330_Rear_0 mm Grip (Zoom Require)/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$
Reference Value = 29.78 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.411 W/kg; SAR(10 g) = 0.211 W/kg
Maximum value of SAR (measured) = 0.781 W/kg



10)

Date: 1/22/2025

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [1. LTE 25 20 MHz QPSK Body.da53:2](#)

DUT: SM-X358U, Type: Tablet, Serial: R32Y1001Y5L

Communication System: UID 0, LTE Band 25 (0); Frequency: 1905 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1905$ MHz; $\sigma = 1.427$ S/m; $\epsilon_r = 38.693$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7770; ConvF(6.81, 6.9, 7.32) @ 1905 MHz; Calibrated: 11/22/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 2/16/2024
- Phantom: ELI V8.0_Left; Type: QD OVA 004 Ax; Serial: 2098
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 3/LTE Band 25_QPSK_20MHz_1RB_49offset_CH26590_Top_18 mm/Area Scan (9x22x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.25 W/kg

Configuration 3/LTE Band 25_QPSK_20MHz_1RB_49offset_CH26590_Top_18 mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

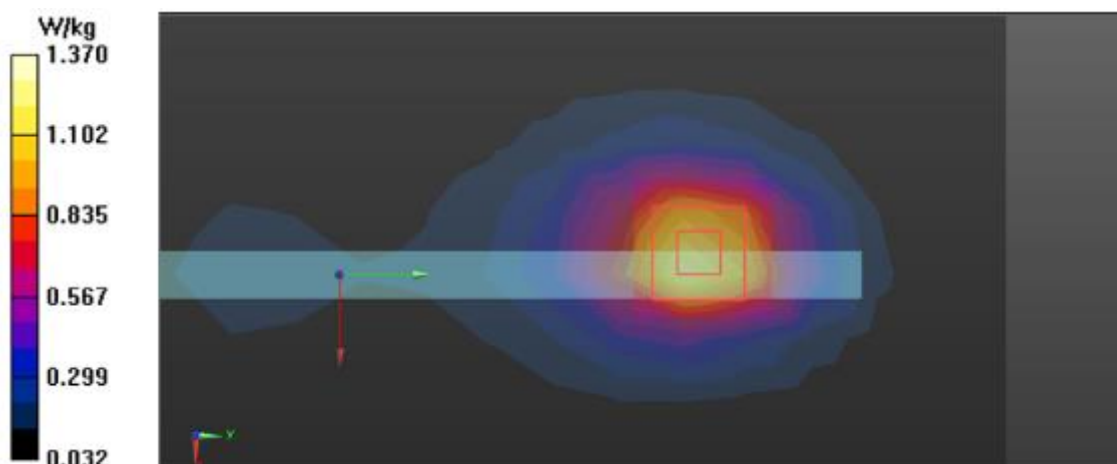
Reference Value = 32.93 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.965 W/kg; SAR(10 g) = 0.558 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.37 W/kg



11)

Date: 2025-01-31

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: [1. LTE Sub Band 25.da53:2](#)

DUT: SM-X358U, Type: Tablet, Serial: R32Y1001YNP

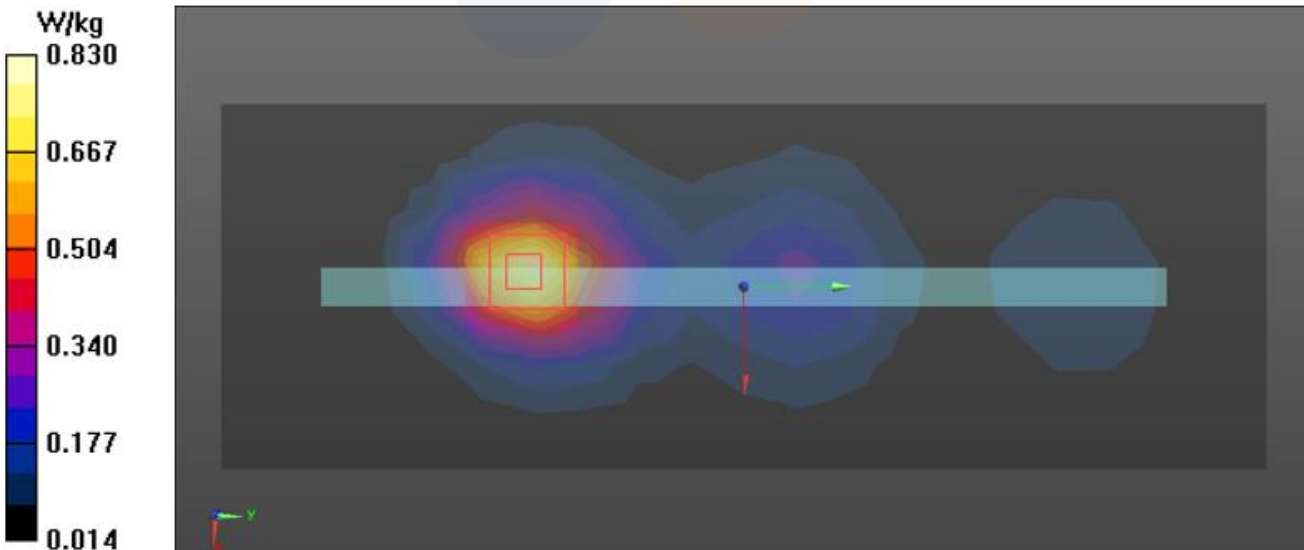
Communication System: UID 0, LTE Band 25 (0); Frequency: 1860 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1860 \text{ MHz}$; $\sigma = 1.395 \text{ S/m}$; $\epsilon_r = 38.496$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7772; ConvF(7.29, 7.17, 7.65) @ 1860 MHz; Calibrated: 2024-09-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2024-07-12
- Phantom: ELI v5.0 sn1178; Type: QDOVA002AA; Serial: TP:1178
- Measurement SW: DASY52, Version 52.10 (4);

Max Bottom/LTE Band 25_QPSK_20MHz_1RB_0offset_CH26140_Bottom_18 mm/Area Scan (8x21x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.791 W/kg

Max Bottom/LTE Band 25_QPSK_20MHz_1RB_0offset_CH26140_Bottom_18 mm/Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$
Reference Value = 12.91 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.00 W/kg
SAR(1 g) = 0.585 W/kg; SAR(10 g) = 0.347 W/kg
Maximum value of SAR (measured) = 0.830 W/kg



12)

Eurofins KCTL Co.,Ltd.

Measurement Report for SM-X358U, BACK, Custom Band, UID 0 -, Channel 26865 (831.500MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	Serial Number	DUT Type
SM-X358U, SAMSUNG	243.0 x 170.0 x 11.0	R32XB001YML	Tablet

Exposure Conditions

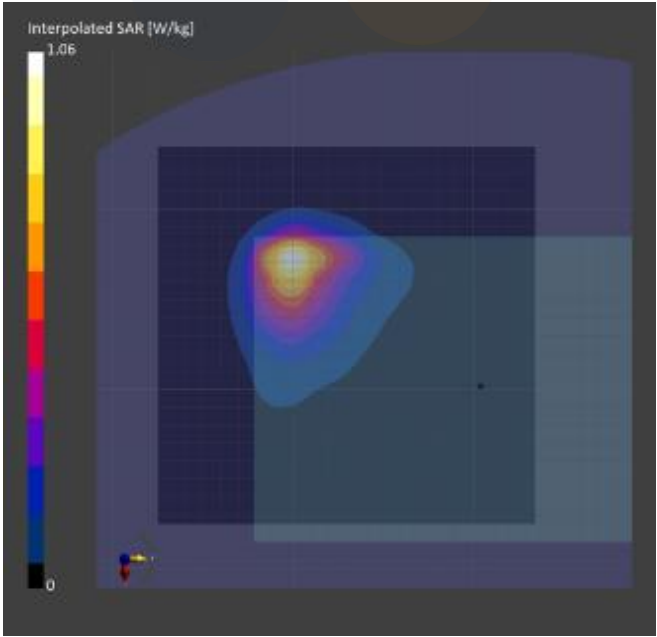
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 0.00	Custom Band	CW, 0--	831.500, 26865	8.59	0.937	41.5

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 - 2189	HBBL-600-10000 , 2025-01-06	EX3DV4 - SN3697, 2024-04-22	DAE4 Sn1759, 2024-11-19

Scan Setup

	Area Scan	Zoom Scan	Measurement Results		Area Scan	Zoom Scan
Grid Extents [mm]	210.0 x 210.0	32.0 x 32.0 x 30.0	Date		2025-01-06	2025-01-06
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]		0.407	0.455
Sensor Surface [mm]	3.0	1.4	psSAR8g [W/kg]		0.267	0.250
Graded Grid	No	Yes	psSAR10g [W/kg]		0.250	0.232
Grading Ratio	N/A	1.5	psAPD (1.0cm2, sq) [W/m2]			N/A
MAIA	N/A	N/A	psAPD (4.0cm2, sq) [W/m2]			N/A
Surface Detection	All points	VMS + 6p	Power Drift [dB]			0.02
Scan Method	Measured	Measured	Peak SAR [W/kg]			1.06



13)

Date: 1/17/2025

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [1. LTE 30 10 MHz QPSK Body.da53:0](#)

DUT: SM-X358U, Type: Tablet, Serial: R32Y1001YWE

Communication System: UID 0, LTE Bnad 30 (0); Frequency: 2310 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2310$ MHz; $\sigma = 1.729$ S/m; $\epsilon_r = 37.96$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7770; ConvF(6.66, 6.74, 7.16) @ 2310 MHz; Calibrated: 11/22/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 2/16/2024
- Phantom: ELI V8.0_Left; Type: QD OVA 004 Ax; Serial: 2098
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/LTE Band 30_QPSK_10MHz_25RB_12offset_CH27710_Rear_0 mm Grip/Area Scan

(6x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.871 W/kg

Configuration/LTE Band 30_QPSK_10MHz_25RB_12offset_CH27710_Rear_0 mm Grip/Zoom Scan

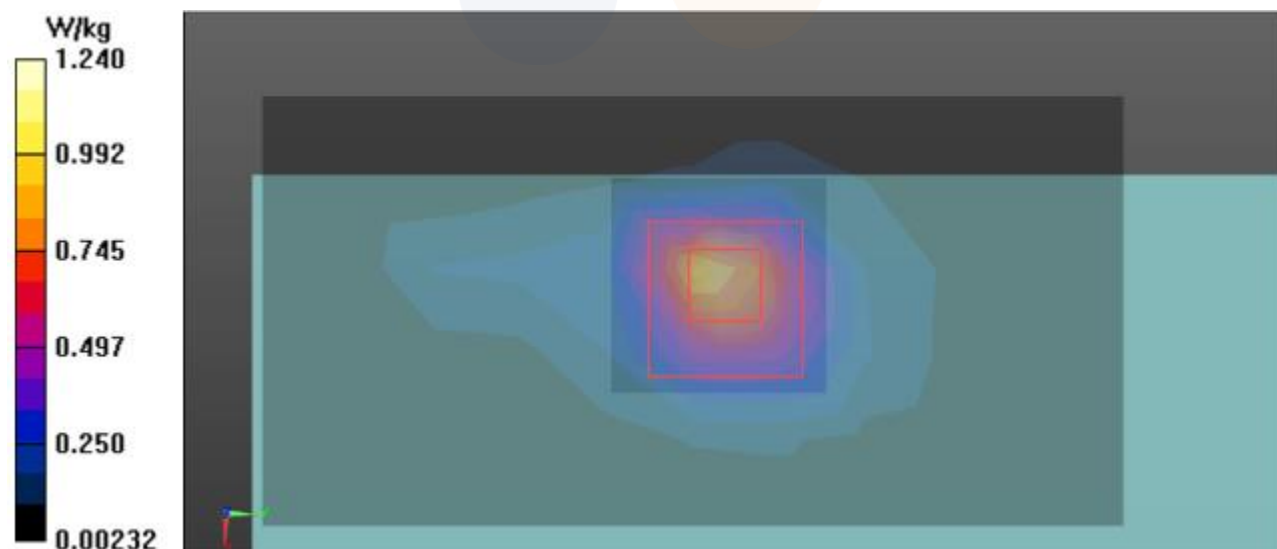
(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.64 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 0.635 W/kg; SAR(10 g) = 0.240 W/kg

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



14)

Date: 2025-02-03

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [1. LTE Sub Band 30.da53:4](#)

DUT: SM-X358U, Type: Tablet, Serial: R32Y1001YNP

Communication System: UID 0, LTE Band 30 (0); Frequency: 2310 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2310$ MHz; $\sigma = 1.725$ S/m; $\epsilon_r = 39.295$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7772;ConvF(6.74, 6.62, 7.07) @ 2310 MHz; Calibrated: 2024-09-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2024-07-12
- Phantom: ELI v5.0 sn1178; Type: QDOVA002AA; Serial: TP:1178
- Measurement SW: DASY52, Version 52.10 (4);

Back-off Rear/LTE Band 30_QPSK_10MHz_1RB_0offset_CH27710_Rear_0 mm Grip/Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.666 W/kg

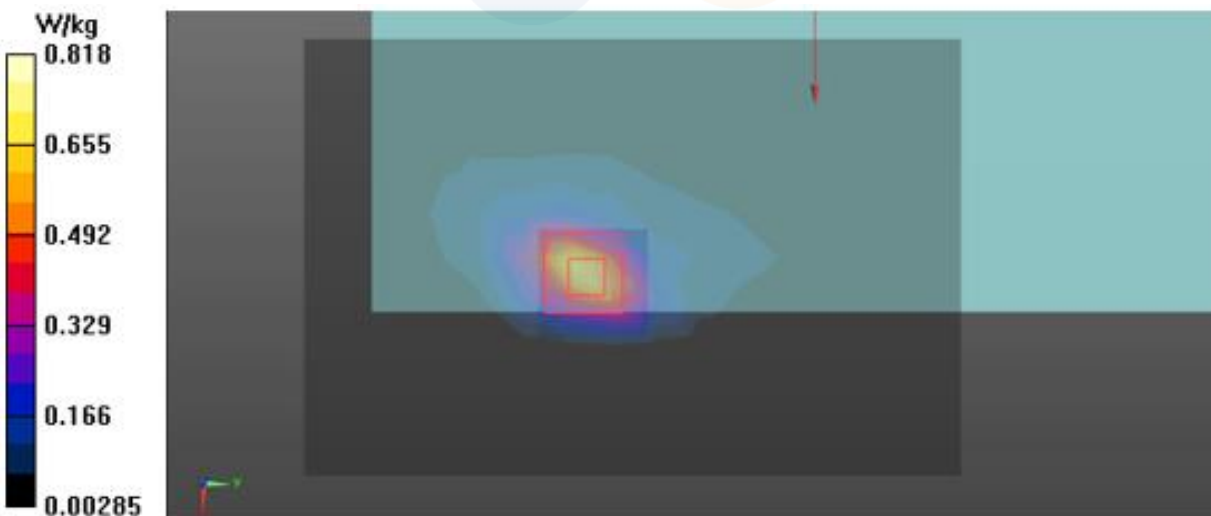
Back-off Rear/LTE Band 30_QPSK_10MHz_1RB_0offset_CH27710_Rear_0 mm Grip/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.13 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.488 W/kg; SAR(10 g) = 0.210 W/kg

Maximum value of SAR (measured) = 0.818 W/kg



15)

Date: 1/6/2025

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [1. LTE 41 20 MHz QPSK Body.da53:0](#)

DUT: SM-X358U, Type: Tablet, Serial: R32XB001YWJ

Communication System: UID 0, LTE Band 41 (0); Frequency: 2636.5 MHz; Duty Cycle: 1:1.58016
Medium parameters used (interpolated): $f = 2636.5$ MHz; $\sigma = 1.972$ S/m; $\epsilon_r = 37.769$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7770;ConvF(6.37, 6.45, 6.85) @ 2636.5 MHz; Calibrated: 11/22/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 2/16/2024
- Phantom: ELI V8.0_Left; Type: QD OVA 004 Ax; Serial: 2098
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/LTE Band 41_QPSK_20MHz_50RB_24offset_CH41055_Rear_0 mm Grip/Area Scan (6x11x1): Measurement grid: dx=12mm, dy=12mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.921 W/kg

Configuration/LTE Band 41_QPSK_20MHz_50RB_24offset_CH41055_Rear_0 mm Grip/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

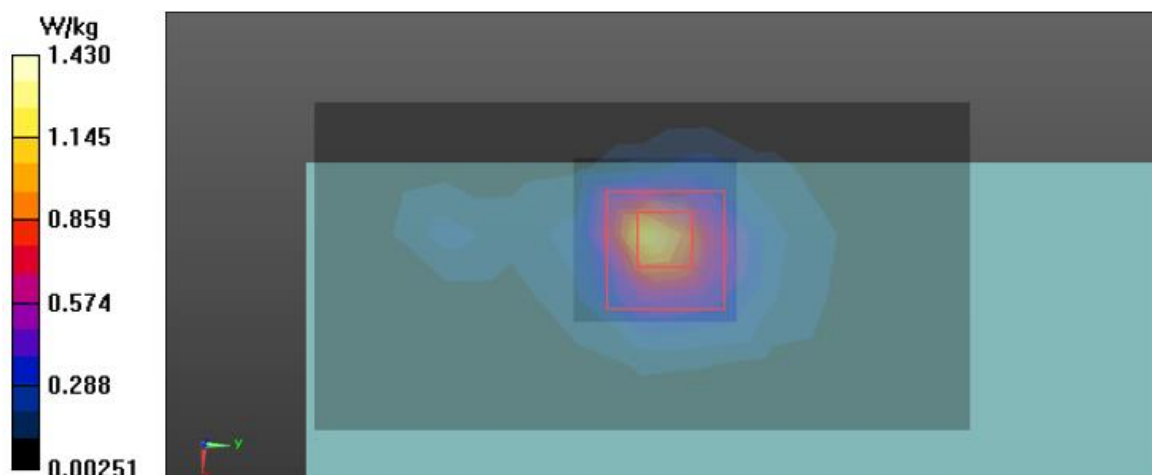
Reference Value = 26.62 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.90 W/kg

SAR(1 g) = 0.652 W/kg; SAR(10 g) = 0.243 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.27 W/kg



16)

Date: 2025-02-28

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [1. LTE Band 48 Body\(250228\).da53:0](#)

DUT: SM-X358U, Type: Tablet, Serial: R32Y100285M

Communication System: UID 0, LTE Band 48 (0); Frequency: 3690 MHz; Duty Cycle: 1:1.58016

Medium parameters used (interpolated): $f = 3690$ MHz; $\sigma = 3.083$ S/m; $\epsilon_r = 37.748$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7540;ConvF(6.87, 6.87, 6.87) @ 3690 MHz; Calibrated: 2024-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/LTE Band 48_QPSK_20MHz 1RB 99offset_CH56640_Rear_0 mm(Sensor on)/Area Scan (9x9x1): Measurement grid: dx=12mm, dy=12mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.826 W/kg

Configuration/LTE Band 48_QPSK_20MHz 1RB 99offset_CH56640_Rear_0 mm(Sensor on)/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

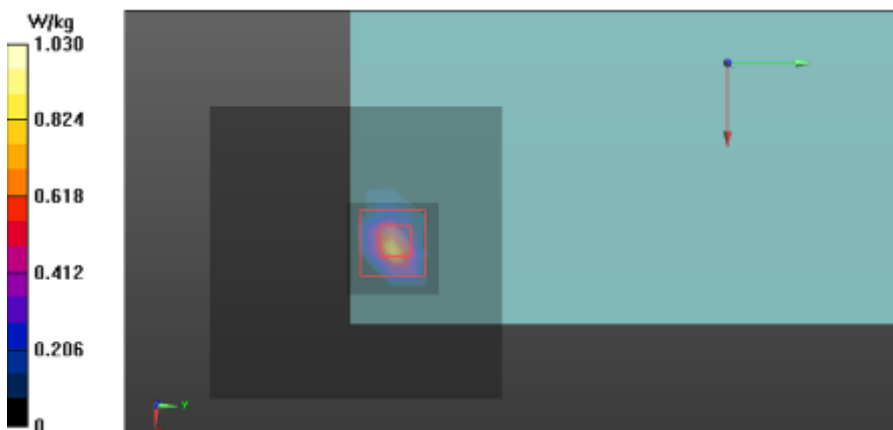
Reference Value = 9.550 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.95 W/kg

SAR(1 g) = 0.424 W/kg; SAR(10 g) = 0.098 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.03 W/kg



17)

Date: 1/8/2025

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [1. LTE 66 20 MHz QPSK Body.da53:2](#)

DUT: SM-X358U, Type: Tablet, Serial: R32XB001YWJ

Communication System: UID 0, LTE Band 66 (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720 \text{ MHz}$; $\sigma = 1.303 \text{ S/m}$; $\epsilon_r = 41.018$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7770;ConvF(7.05, 7.14, 7.58) @ 1720 MHz; Calibrated: 11/22/2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1342; Calibrated: 2/16/2024
- Phantom: ELI V8.0_Left; Type: QD OVA 004 Ax; Serial: 2098
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 3/LTE Band 66_QPSK_20MHz_1RB_0offset_CH132072_Top_18 mm/Area Scan

(7x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.824 W/kg

Configuration 3/LTE Band 66_QPSK_20MHz_1RB_0offset_CH132072_Top_18 mm/Zoom Scan

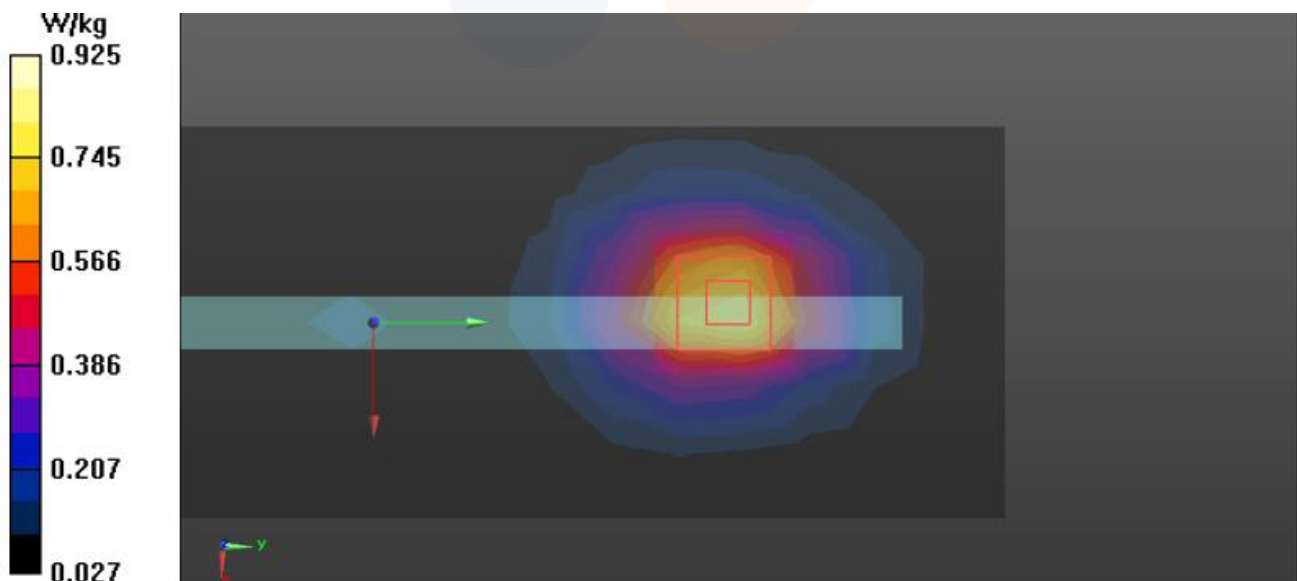
(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.466 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.662 W/kg; SAR(10 g) = 0.396 W/kg

Maximum value of SAR (measured) = 0.925 W/kg



18)

Date: 2025-01-31

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [1. LTE Sub Band 66.da53:5](#)

DUT: SM-X358U, Type: Tablet, Serial: R32Y1001YNP

Communication System: UID 0, LTE Band 66 (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.305$ S/m; $\epsilon_r = 42.034$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7772;ConvF(7.45, 7.32, 7.81) @ 1720 MHz; Calibrated: 2024-09-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2024-07-12
- Phantom: ELI v5.0 sn1178; Type: QDOVA002AA; Serial: TP:1178
- Measurement SW: DASY52, Version 52.10 (4);

Back-off Bottom/LTE Band 66_QPSK_20MHz_50RB_0offset_CH132072_Bottom_0 mm Grip/Area Scan (8x21x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.404 W/kg

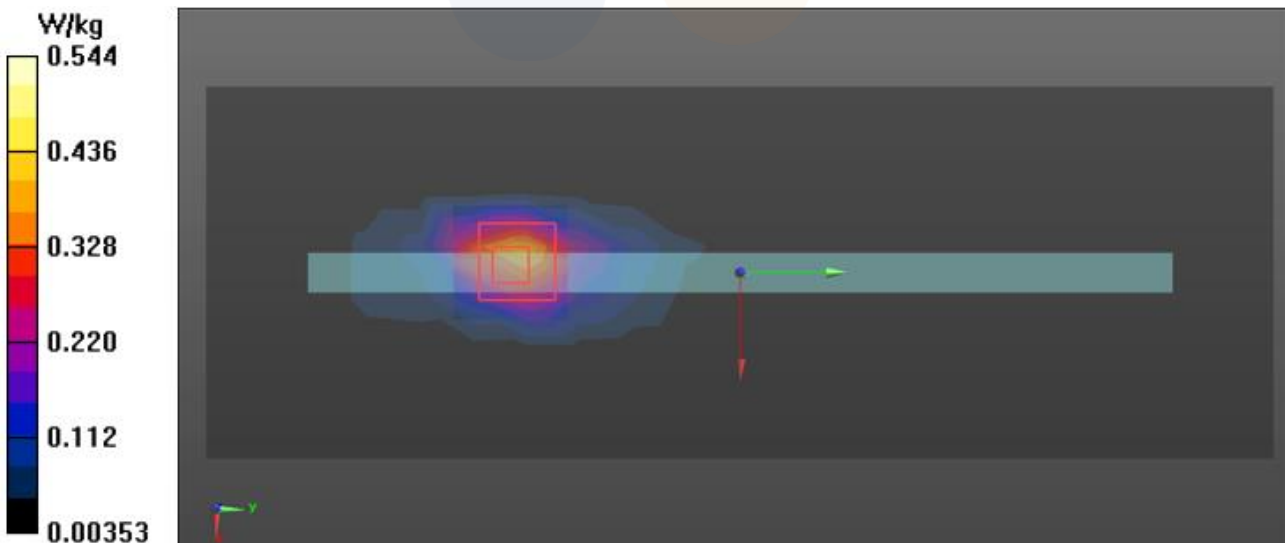
Back-off Bottom/LTE Band 66_QPSK_20MHz_50RB_0offset_CH132072_Bottom_0 mm Grip/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.571 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.670 W/kg

SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.159 W/kg

Maximum value of SAR (measured) = 0.544 W/kg



19)

Eurofins KCTL Co.,Ltd.

Measurement Report for SM-X358U, BACK, Custom Band, UID 0 -, Channel 133297 (680.500MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	Serial Number	DUT Type
SM-X358U, SAMSUNG	243.0 x 170.0 x 11.0	R32XB001YML	Tablet

Exposure Conditions

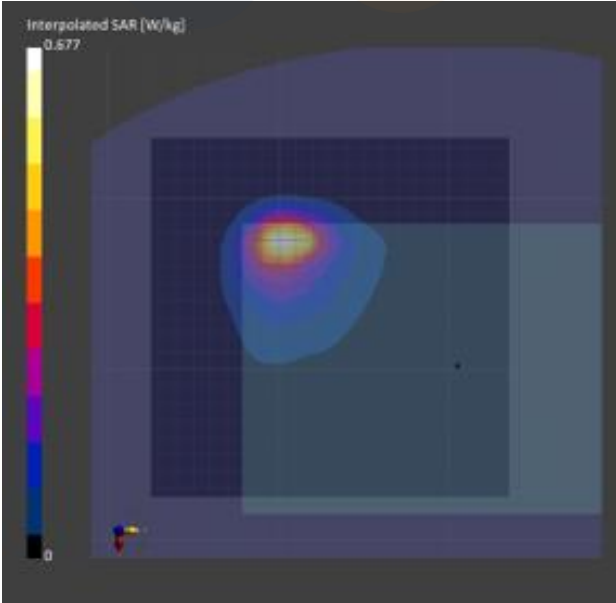
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 0.00	Custom Band	CW, 0--	680.500, 133297	8.92	0.872	44.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 - 2189	HBBL-600-10000 , 2025-01-06	EX3DV4 - SN3697, 2024-04-22	DAE4 Sn1759, 2024-11-19

Scan Setup

	Area Scan	Zoom Scan	Measurement Results		Area Scan	Zoom Scan
Grid Extents [mm]	210.0 x 210.0	32.0 x 32.0 x 30.0	Date		2025-01-06	2025-01-06
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	psSAR1g [W/kg]		0.287	0.295
Sensor Surface [mm]	3.0	1.4	psSAR8g [W/kg]		0.185	0.160
Graded Grid	No	Yes	psSAR10g [W/kg]		0.172	0.148
Grading Ratio	N/A	1.5	psAPD (1.0cm2, sq) [W/m2]			N/A
MAIA	N/A	N/A	psAPD (4.0cm2, sq) [W/m2]			N/A
Surface Detection	VMS + 6p	VMS + 6p	Power Drift [dB]			-0.02
Scan Method	Measured	Measured	Peak SAR [W/kg]			0.678



20)

Date: 2025-01-13

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: [1. 5G NR n5 Body.da53:0](#)

DUT: SM-X358U, Type: Tablet, Serial: R32Y1001Z6P

Communication System: UID 0, 5G NR n5 (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.901$ S/m; $\epsilon_r = 40.684$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7840;ConvF(8.57, 8.58, 8.47) @ 836.5 MHz; Calibrated: 2024-08-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/5G NR n5 DFT-S-OFDM_QPSK_SCS 15kHz_20MHz 1RB 1offset_CH167300_Rear_0 mm(Sensor on)/Area Scan (10x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.00 W/kg

Configuration/5G NR n5 DFT-S-OFDM_QPSK_SCS 15kHz_20MHz 1RB 1offset_CH167300_Rear_0 mm(Sensor on)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

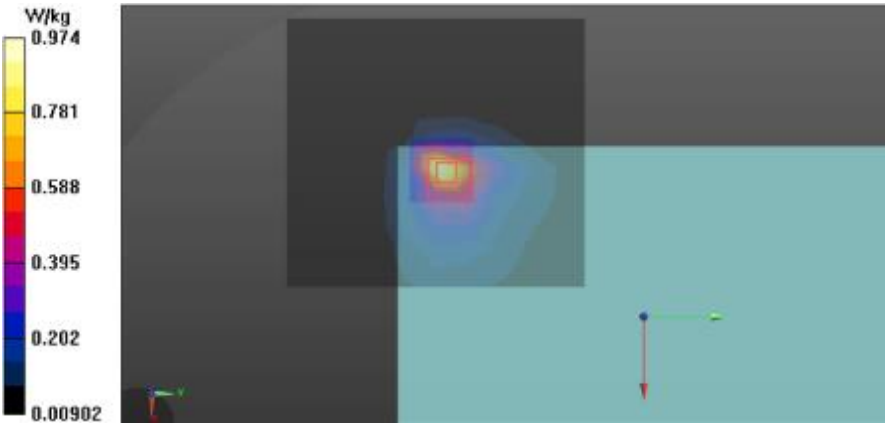
Reference Value = 34.59 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.507 W/kg; SAR(10 g) = 0.260 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.974 W/kg



21)

Date: 2025-01-22

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [1. 5G NR n25 Body\(250122\).da53:2](#)

DUT: SM-X358U, Type: Tablet, Serial: R32XB001YWJ

Communication System: UID 0, 5G NR n25 (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.357$ S/m; $\epsilon_r = 39.255$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7840;ConvF(7.2, 7.2, 7.11) @ 1882.5 MHz; Calibrated: 2024-08-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 3/5G NR n25 DFT-S-OFDM_QPSK_SCS 15kHz_40MHz 108RB
54offset_CH376500_Top_18 mm(Sensor off) /Area Scan (8x11x1): Measurement grid: dx=15mm,
dy=15mm

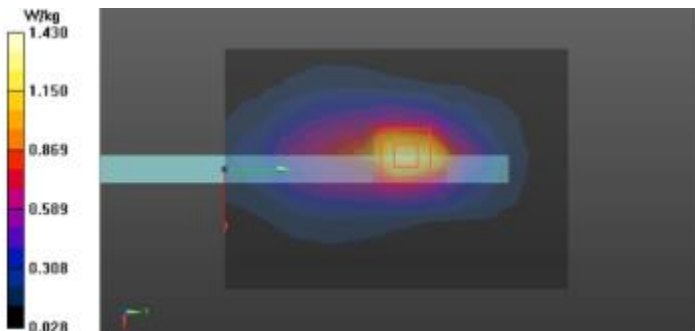
[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.38 W/kg

Configuration 3/5G NR n25 DFT-S-OFDM_QPSK_SCS 15kHz_40MHz 108RB
54offset_CH376500_Top_18 mm(Sensor off) /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,
dy=8mm, dz=5mm
Reference Value = 12.48 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 1 W/kg; SAR(10 g) = 0.570 W/kg
Smallest distance from peaks to all points 3 dB below = 12.9 mm
Ratio of SAR at M2 to SAR at M1 = 60.9%

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.43 W/kg



22)

Date: 2025-01-18

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: [1. 5G NR n30 Body\(250118\).da53:0](#)

DUT: SM-X358U, Type: Tablet, Serial: R32Y1001Z6P

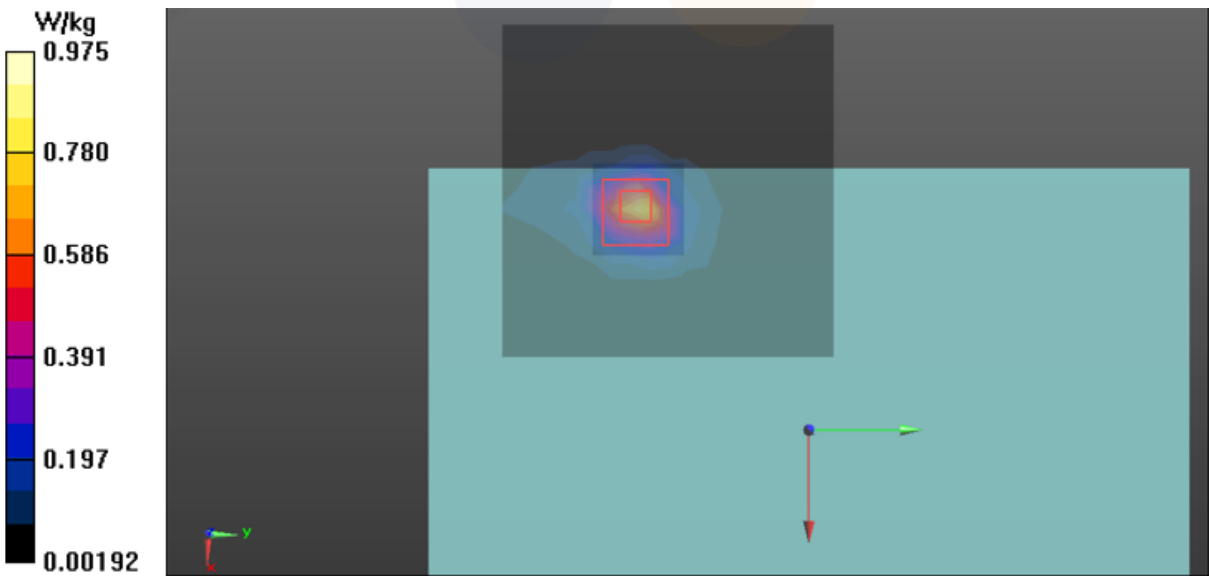
Communication System: UID 0, 5G NR n30 (0); Frequency: 2310 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2310 \text{ MHz}$; $\sigma = 1.665 \text{ S/m}$; $\epsilon_r = 39.283$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7840; ConvF(6.99, 6.99, 6.9) @ 2310 MHz; Calibrated: 2024-08-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/5G NR n30 DFT-S-OFDM_QPSK_SCS 15kHz_10MHz 1RB 1offset_CH462000_Rear_0 mm(Sensor on)/Area Scan (10x10x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Maximum value of SAR (measured) = 0.751 W/kg

Configuration/5G NR n30 DFT-S-OFDM_QPSK_SCS 15kHz_10MHz 1RB 1offset_CH462000_Rear_0 mm(Sensor on)/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 22.87 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.507 W/kg; SAR(10 g) = 0.194 W/kg
Maximum value of SAR (measured) = 0.975 W/kg



23)

Date: 2025-02-06

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: [1. 5G NR n41 SRS 1.da53:3](#)

DUT: SM-X358U, Type: Tablet, Serial: R32Y100297N

Communication System: UID 10973 - AAA, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz);
Frequency: 2592.99 MHz; Duty Cycle: 1:8.05008
Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 2.019$ S/m; $\epsilon_r = 38.062$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7772; ConvF(6.62, 6.5, 6.94) @ 2592.99 MHz; Calibrated: 2024-09-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2024-07-12
- Phantom: ELI v5.0 sn1178; Type: QDOVA002AA; Serial: TP:1178
- Measurement SW: DASY52, Version 52.10 (4);

Back-off Rear/5G NR n41_QPSK_100MHz_1RB_271offset_CH518598_Rear_0 mm Grip/Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.819 W/kg

Back-off Rear/5G NR n41_QPSK_100MHz_1RB_271offset_CH518598_Rear_0 mm Grip/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

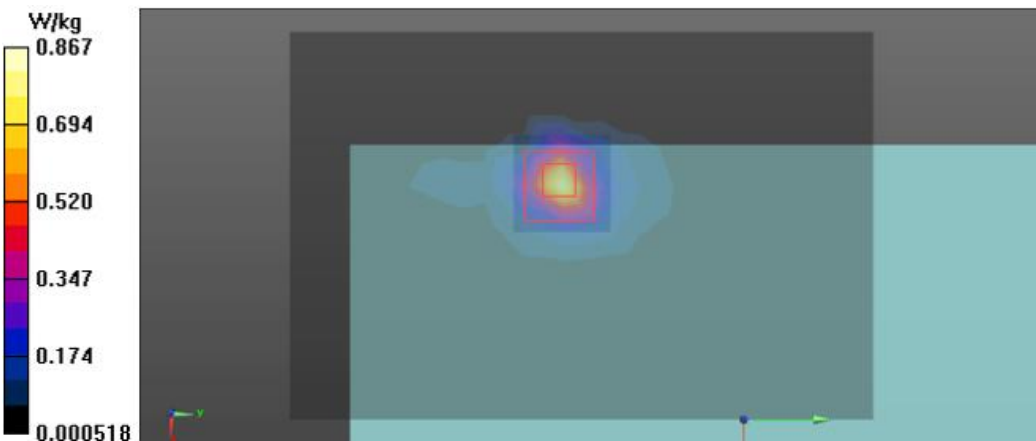
Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.422 W/kg; SAR(10 g) = 0.156 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.867 W/kg



24)

Date: 2025-02-06

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [1. 5G NR n41 SRS 2.da53:0](#)

DUT: SM-X358U, Type: Tablet, Serial: R32XB001YWJ

Communication System: UID 0, 5G NR SRS CW (0); Frequency: 2592.99 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 2.019$ S/m; $\epsilon_r = 38.062$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7772; ConvF(6.62, 6.5, 6.94) @ 2592.99 MHz; Calibrated: 2024-09-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2024-07-12
- Phantom: ELI v5.0 sn1178; Type: QDOVA002AA; Serial: TP:1178
- Measurement SW: DASY52, Version 52.10 (4);

SRS 2 Rear/5G NR n41_SRS 2 CW_CH518598_Rear_0 mm/Area Scan (11x16x1): Measurement grid:
dx=12mm, dy=12mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.269 W/kg

SRS 2 Rear/5G NR n41_SRS 2 CW_CH518598_Rear_0 mm/Zoom Scan (7x7x8)/Cube 0: Measurement
grid: dx=5mm, dy=5mm, dz=1.4mm

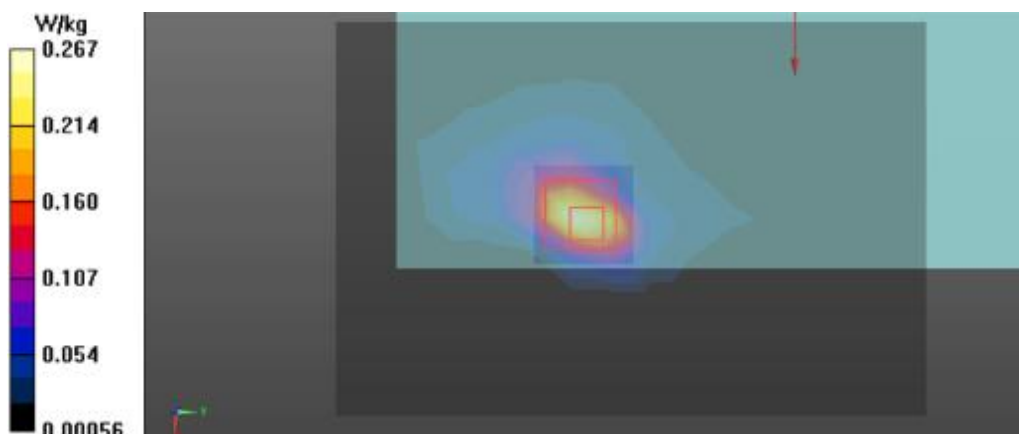
Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.388 W/kg

SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.069 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.267 W/kg



25)

Date: 2025-02-06

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: [1. 5G NR n41 SRS 3.da53:3](#)

DUT: SM-X358U, Type: Tablet, Serial: R32XB001YWJ

Communication System: UID 0, 5G NR SRS CW (0); Frequency: 2592.99 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 2.019$ S/m; $\epsilon_r = 38.062$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7772; ConvF(6.62, 6.5, 6.94) @ 2592.99 MHz; Calibrated: 2024-09-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2024-07-12
- Phantom: ELI v5.0 sn1178; Type: QDOVA002AA; Serial: TP:1178
- Measurement SW: DASY52, Version 52.10 (4);

SRS 3 Rear/5G NR n41_SRS 3 CW_CH518598_Rear_0 mm/Area Scan (11x16x1): Measurement grid:
dx=12mm, dy=12mm

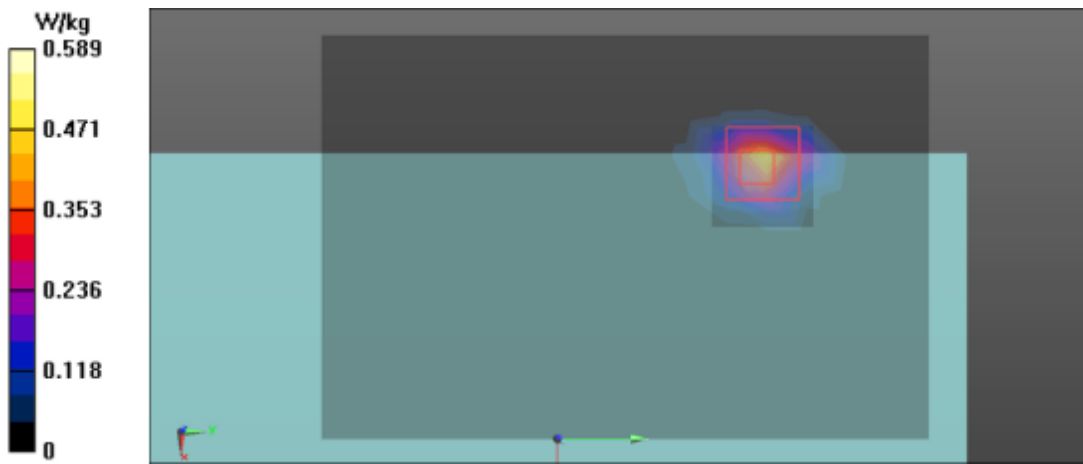
[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.448 W/kg

SRS 3 Rear/5G NR n41_SRS 3 CW_CH518598_Rear_0 mm/Zoom Scan (7x7x8)/Cube 0: Measurement
grid: dx=5mm, dy=5mm, dz=1.4mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.934 W/kg
SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.110 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.589 W/kg



26)

Date: 2025-02-06

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [1. 5G NR n41 SRS 4.da53:6](#)

DUT: SM-X358U, Type: Tablet, Serial: R32XB001YWJ

Communication System: UID 0, 5G NR SRS CW (0); Frequency: 2592.99 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 2.019$ S/m; $\epsilon_r = 38.062$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7772; ConvF(6.62, 6.5, 6.94) @ 2592.99 MHz; Calibrated: 2024-09-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1587; Calibrated: 2024-07-12
- Phantom: ELI v5.0 sn1178; Type: QDOVA002AA; Serial: TP:1178
- Measurement SW: DASY52, Version 52.10 (4);

SRS 4 Rear/5G NR n41_SRS 4 CW_CH518598_Rear_0 mm/Area Scan (11x16x1): Measurement grid:
dx=12mm, dy=12mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.368 W/kg

SRS 4 Rear/5G NR n41_SRS 4 CW_CH518598_Rear_0 mm/Zoom Scan (8x7x8)/Cube 0: Measurement
grid: dx=5mm, dy=5mm, dz=1.4mm

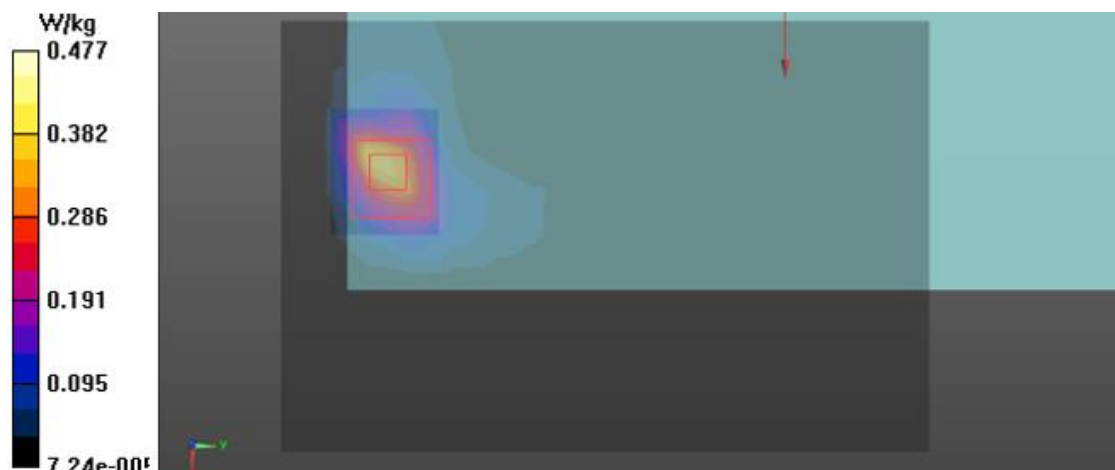
Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.746 W/kg

SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.101 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.477 W/kg



27)

Date: 2025-02-20

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: [1. 5G NR n48 Body SRS 1\(250220\).da53:0](#)

DUT: SM-X358U, Type: Tablet, Serial: R32Y100285M

Communication System: UID 0, 5G NR (FTM Mode) (0); Frequency: 3624.99 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 3624.99$ MHz; $\sigma = 2.972$ S/m; $\epsilon_r = 36.379$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7540; ConvF(6.87, 6.87, 6.87) @ 3624.99 MHz; Calibrated: 2024-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/5G NR n48 DFT-S-OFDM_QPSK_SCS 30kHz_40MHz 1RB
104offset_CH641666_Rear_0 mm(Sensor on)/Area Scan (9x9x1): Measurement grid: dx=12mm, dy=12mm

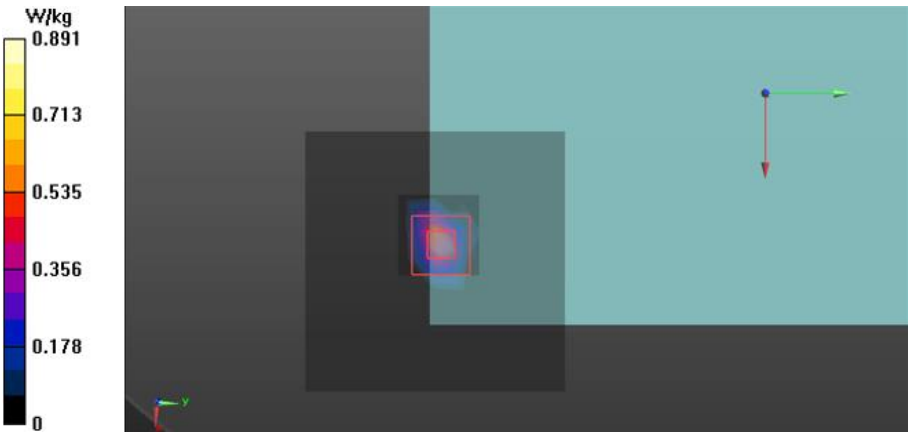
[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.528 W/kg

Configuration/5G NR n48 DFT-S-OFDM_QPSK_SCS 30kHz_40MHz 1RB
104offset_CH641666_Rear_0 mm(Sensor on)/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm
Reference Value = 14.86 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.75 W/kg
SAR(1 g) = 0.390 W/kg; SAR(10 g) = 0.091 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.891 W/kg



28)

Date: 2025-02-12

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: [1. 5G NR n48\(SRS 2\) Body\(250212\).da53:0](#)

DUT: SM-X358U, Type: Tablet, Serial: R32Y10026PD

Communication System: UID 0, 5G NR (FTM Mode) (0); Frequency: 3624.99 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 3624.99$ MHz; $\sigma = 2.94$ S/m; $\epsilon_r = 38.861$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7540; ConvF(6.87, 6.87, 6.87) @ 3624.99 MHz; Calibrated: 2024-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/5G NR n48_SRS 2_40 MHz_CW_CH641666_Rear_0 mm/Area Scan (9x11x1):
Measurement grid: dx=12mm, dy=12mm

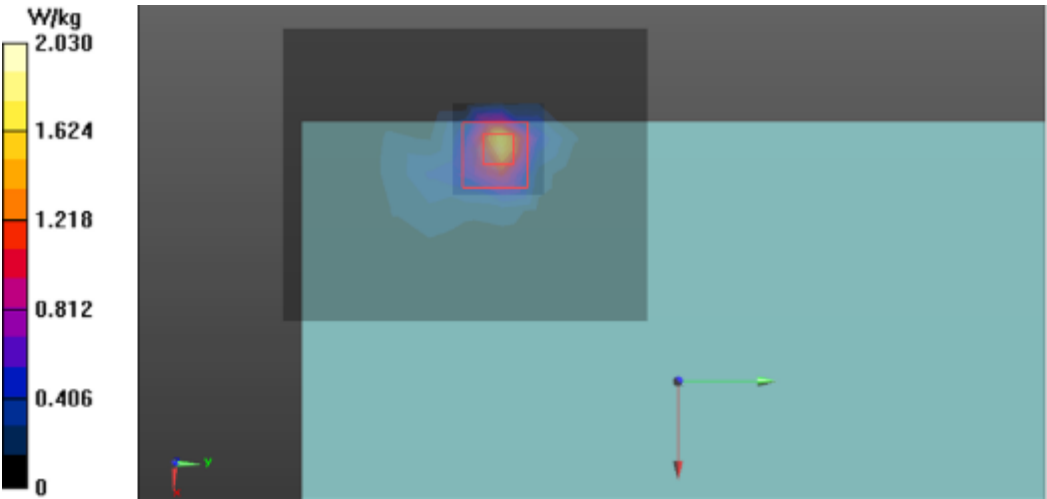
[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.68 W/kg

Configuration/5G NR n48_SRS 2_40 MHz_CW_CH641666_Rear_0 mm/Zoom Scan (7x7x8)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=1.4mm
Reference Value = 25.82 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 3.01 W/kg
SAR(1 g) = 0.891 W/kg; SAR(10 g) = 0.301 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 2.03 W/kg



Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: [2. 5G NR n48\(SRS 3\) Body\(250212\).da53:0](#)

DUT: SM-X358U, Type: Tablet, Serial: R32Y10026PD

Communication System: UID 0, 5G NR (FTM Mode) (0); Frequency: 3570 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 3570 \text{ MHz}$; $\sigma = 2.9 \text{ S/m}$; $\epsilon_r = 38.956$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7540; ConvF(6.96, 6.96, 6.96) @ 3570 MHz; Calibrated: 2024-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/5G NR n48_SRS 3_40 MHz_CW_CH638000_Rear_0 mm(PLS200)/Area Scan (9x10x1):
Measurement grid: dx=12mm, dy=12mm

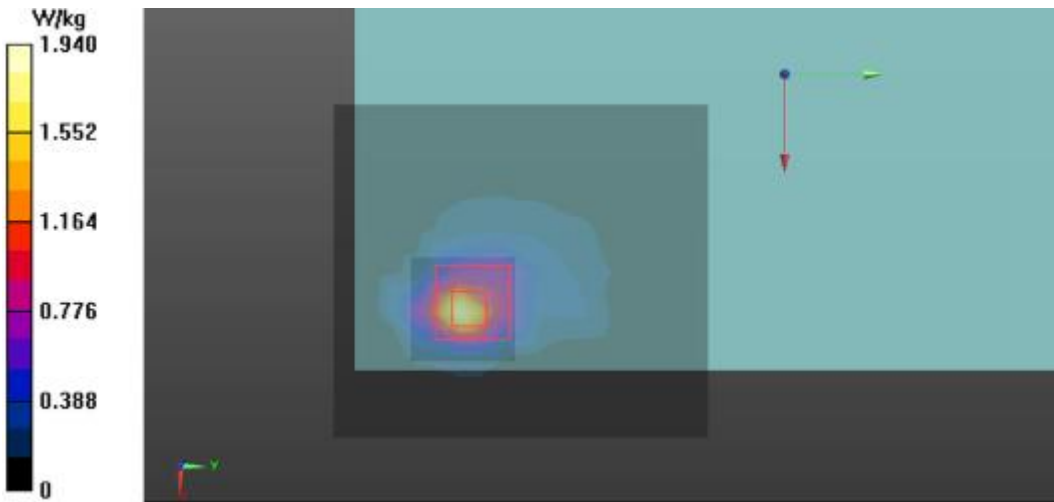
Info: Interpolated medium parameters used for SAR evaluation.

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

Configuration/5G NR n48_SRS 3_40 MHz_CW_CH638000_Rear_0 mm(PLS200)/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm
Reference Value = 22.79 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 3.02 W/kg
SAR(1 g) = 0.905 W/kg; SAR(10 g) = 0.326 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

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



30)

Date: 2025-02-12

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [3. 5G NR n48\(SRS 4\) Body\(250212\).da53:0](#)

DUT: SM-X358U, Type: Tablet, Serial: R32Y10026PD

Communication System: UID 0, 5G NR (FTM Mode) (0); Frequency: 3624.99 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 3624.99$ MHz; $\sigma = 2.94$ S/m; $\epsilon_r = 38.861$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7540; ConvF(6.87, 6.87, 6.87) @ 3624.99 MHz; Calibrated: 2024-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/5G NR n48_SRS 4_40 MHz_CW_CH641666_Rear_0 mm/Area Scan (9x11x1):

Measurement grid: dx=12mm, dy=12mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.288 W/kg

Configuration/5G NR n48_SRS 4_40 MHz_CW_CH641666_Rear_0 mm/Zoom Scan (8x8x8)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

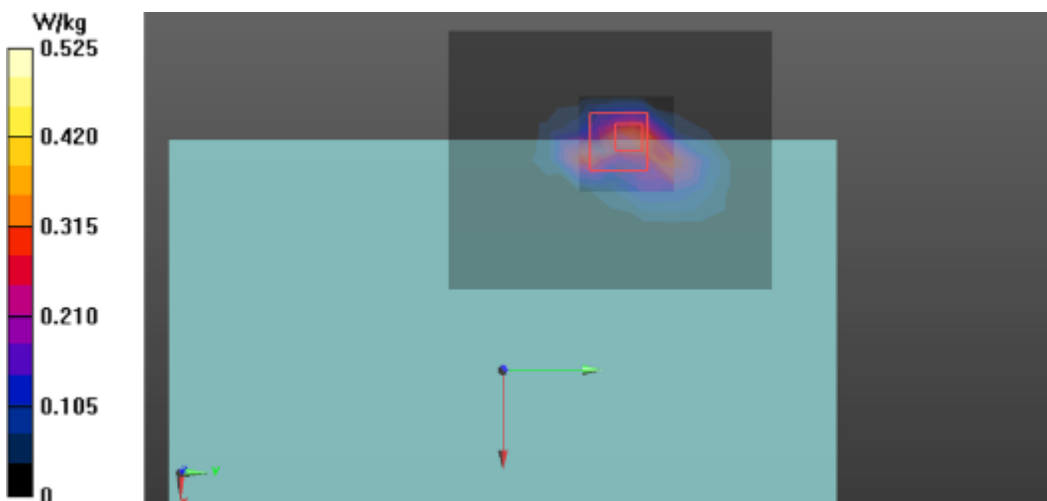
Reference Value = 12.31 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.853 W/kg

SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.081 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.525 W/kg



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KCTL-TIA002-004/6(220705)

KP24-08490

31)

Date: 2025-01-15

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [1. 5G NR n66 Body\(250115\).da53:2](#)

DUT: SM-X358U, Type: Tablet, Serial: R32Y1001Z6P

Communication System: UID 0, 5G NR n66 (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.354$ S/m; $\epsilon_r = 41.098$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7840;ConvF(7.38, 7.38, 7.29) @ 1745 MHz; Calibrated: 2024-08-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 3/5G NR n66 DFT-S-OFDM_QPSK_SCS 15kHz_40MHz 108RB
54offset_CH349000_Top_18 mm(Sensor off)/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm

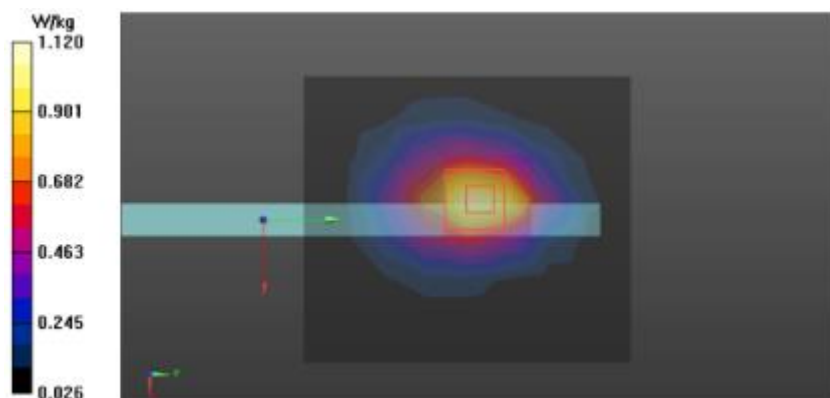
[Info: Interpolated medium parameters used for SAR evaluation.](#)

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

Configuration 3/5G NR n66 DFT-S-OFDM_QPSK_SCS 15kHz_40MHz 108RB
54offset_CH349000_Top_18 mm(Sensor off)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.259 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.809 W/kg; SAR(10 g) = 0.484 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.12 W/kg



32)

Date: 2025-01-15

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [1. 5G NR n71 Body\(250115\).da53:0](#)

DUT: SM-X358U, Type: Tablet, Serial: R32Y1001Z6P

Communication System: UID 0, 5G NR n71 (0); Frequency: 680.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 680.5$ MHz; $\sigma = 0.856$ S/m; $\epsilon_r = 43.64$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7840;ConvF(8.95, 8.96, 8.85) @ 680.5 MHz; Calibrated: 2024-08-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/5G NR n71 CP-OFDM_QPSK_SCS 15kHz_20MHz 1RB 1offset_CH136100_Rear_0 mm(Sensor on)/Area Scan (10x10x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.538 W/kg

Configuration/5G NR n71 CP-OFDM_QPSK_SCS 15kHz_20MHz 1RB 1offset_CH136100_Rear_0 mm(Sensor on)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

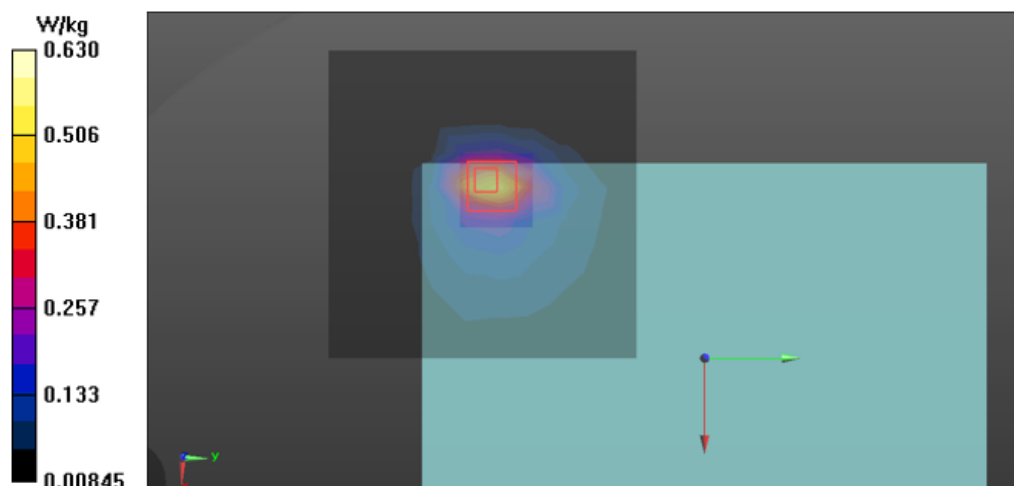
Reference Value = 15.67 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.347 W/kg; SAR(10 g) = 0.171 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.630 W/kg



33)

Date: 2025-02-21

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [1. 5G NR n77\(SRS 1\) Body\(250221\).da53:0](#)

DUT: SM-X358U, Type: Tablet, Serial: R32Y10026PD

Communication System: UID 0, 5G NR(FTM Mode) (0); Frequency: 3750 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3750$ MHz; $\sigma = 3.069$ S/m; $\epsilon_r = 37.036$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7540;ConvF(6.87, 6.87, 6.87) @ 3750 MHz; Calibrated: 2024-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/5G NR n77_DFT-s-OFDM_QPSK_100 MHz_135RB 138Offset_CH650000_Rear_0 mm(Grip Sensor On)_FCC/Area Scan (9x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.991 W/kg

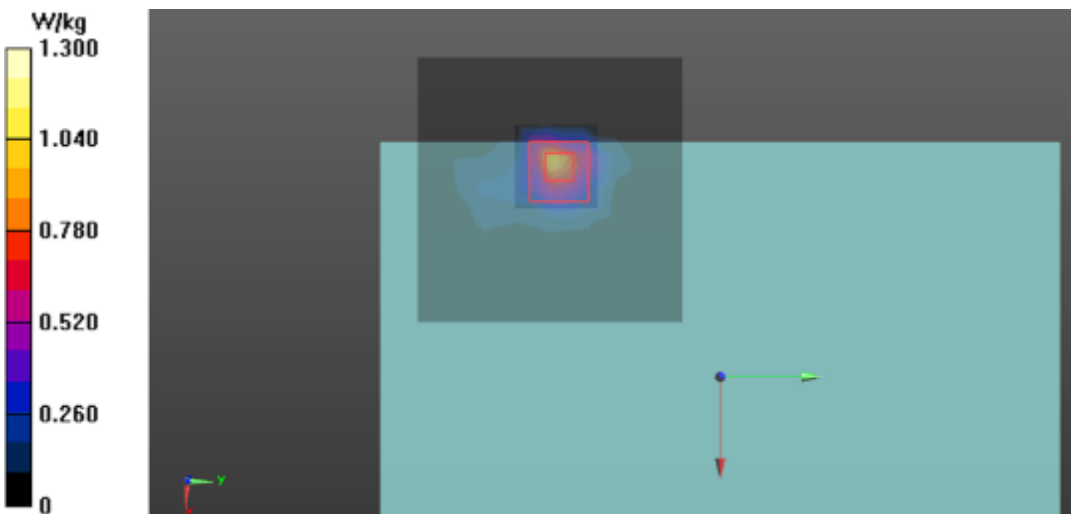
Configuration/5G NR n77_DFT-s-OFDM_QPSK_100 MHz_135RB 138Offset_CH650000_Rear_0 mm(Grip Sensor On)_FCC/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 21.72 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 0.554 W/kg; SAR(10 g) = 0.184 W/kg

Maximum value of SAR (measured) = 1.30 W/kg



Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: [1. 5G NR n77\(SRS 2\)_Body\(250217\).da53:0](#)

DUT: SM-X358U, Type: Tablet, Serial: R32Y10026PD

Communication System: UID 0, 5G NR(FTM Mode) (0); Frequency: 3930 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 3930 \text{ MHz}$; $\sigma = 3.282 \text{ S/m}$; $\epsilon_r = 36.709$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7540;ConvF(6.66, 6.66, 6.66) @ 3930 MHz; Calibrated: 2024-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

1. 5G NR n77(SRS 2)_250217/5G NR n77_SRS 2_100 MHz_CW_CH662000_Rear_0
mm(Upper)_FCC/Area Scan (9x11x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.522 W/kg

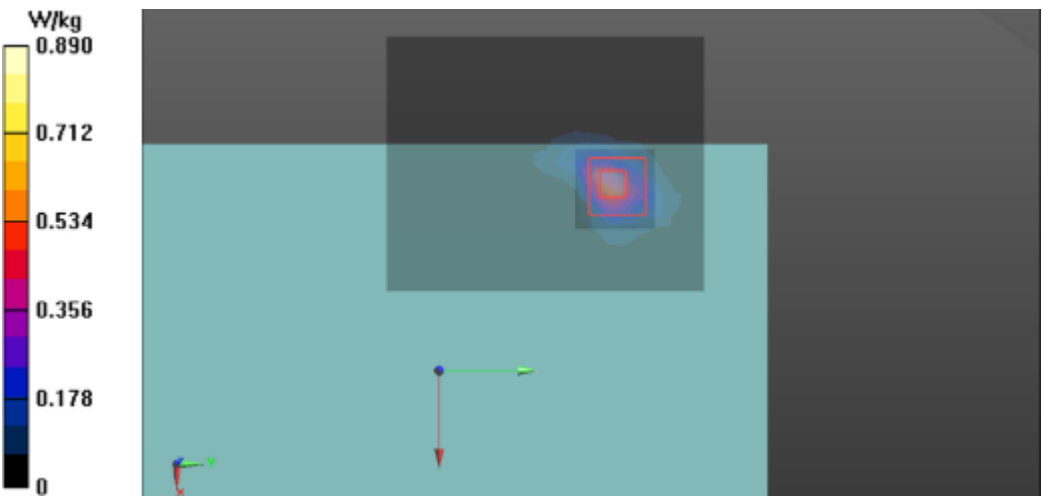
1. 5G NR n77(SRS 2)_250217/5G NR n77_SRS 2_100 MHz_CW_CH662000_Rear_0
mm(Upper)_FCC/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 10.62 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.411 W/kg; SAR(10 g) = 0.114 W/kg

Info: Interpolated medium parameters used for SAR evaluation.



35)

Date: 2025-02-18

Test Laboratory: Eurofins KCTL Co.,Ltd.
File Name: [1. 5G NR n77\(SRS 3\) Body\(250218\).da53:0](#)

DUT: SM-X358U, Type: Tablet, Serial: R32Y100285M

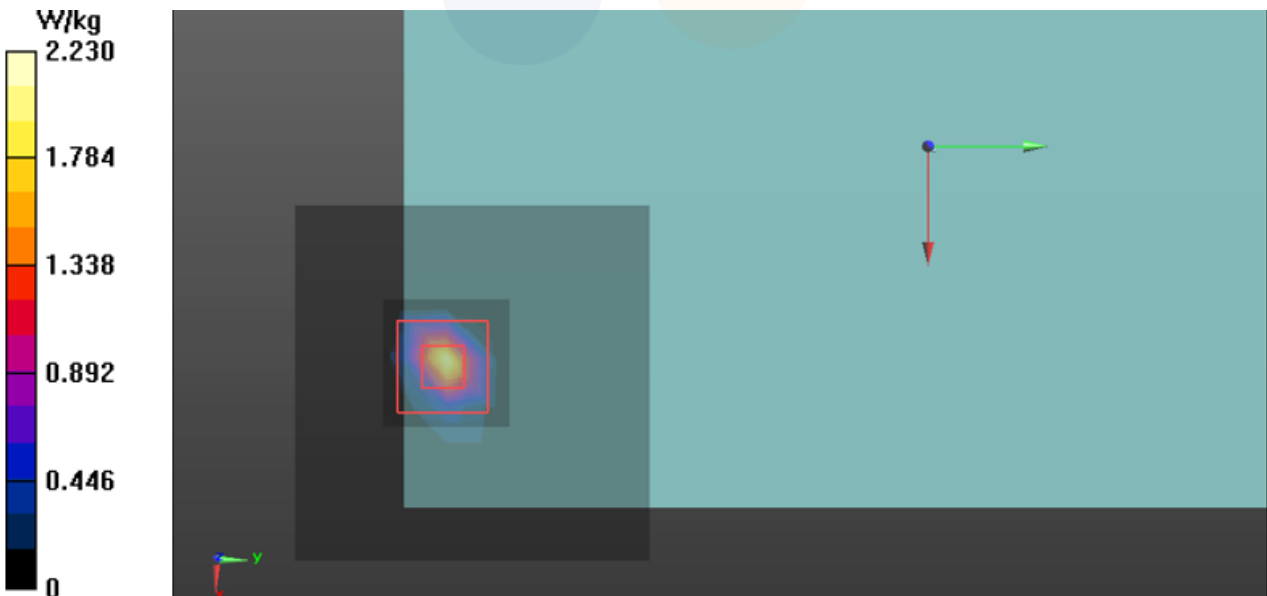
Communication System: UID 0, 5G NR(FTM Mode) (0); Frequency: 3750 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3750 \text{ MHz}$; $\sigma = 3.058 \text{ S/m}$; $\epsilon_r = 37.071$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7540;ConvF(6.87, 6.87, 6.87) @ 3750 MHz; Calibrated: 2024-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

1. 5G NR n77(SRS 3)_250218/5G NR n77_SRS 3_100 MHz_CW_CH650000_Rear_0 mm(Upper)/Area Scan (8x8x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Maximum value of SAR (measured) = 2.05 W/kg

1. 5G NR n77(SRS 3)_250218/5G NR n77_SRS 3_100 MHz_CW_CH650000_Rear_0 mm(Upper)/Zoom Scan (7x7x8)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 18.69 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 4.30 W/kg
SAR(1 g) = 0.851 W/kg; SAR(10 g) = 0.199 W/kg
Maximum value of SAR (measured) = 2.23 W/kg



36)

Date: 2025-02-19

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [1. 5G NR n77\(SRS 4\) Body\(250219\).da53:0](#)

DUT: SM-X358U, Type: Tablet, Serial: R32Y100285M

Communication System: UID 0, 5G NR(FTM Mode) (0); Frequency: 3930 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 3930$ MHz; $\sigma = 3.26$ S/m; $\epsilon_r = 36.779$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7540;ConvF(6.66, 6.66, 6.66) @ 3930 MHz; Calibrated: 2024-05-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1586; Calibrated: 2024-04-19
- Phantom: ELI V5.0; Type: QD OVA 001 BB; Serial: 1220
- Measurement SW: DASY52, Version 52.10 (4);

1. 5G NR n77(SRS 4)_250219/5G NR n77_SRS 4_100 MHz_CW_CH662000_Rear_0 mm(Upper)_FCC/Area Scan (9x11x1): Measurement grid: dx=12mm, dy=12mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.80 W/kg

1. 5G NR n77(SRS 4)_250219/5G NR n77_SRS 4_100 MHz_CW_CH662000_Rear_0 mm(Upper)_FCC/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

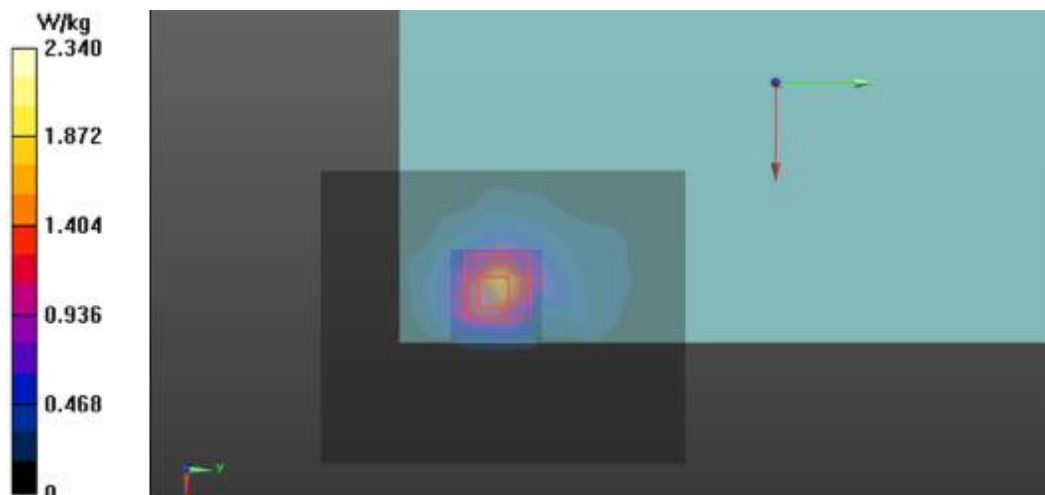
Reference Value = 22.98 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.79 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.412 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 2.34 W/kg



37)

Eurofins KCTL Co.,Ltd.

Measurement Report for SM-X358U, BACK, Custom Band, UID 0 -, Channel 11 (2462.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	Serial Number	DUT Type
SM-X358U, SAMSUNG	243.0 x 170.0 x 11.0	R32Y100268R	Tablet + Ant.1

Exposure Conditions

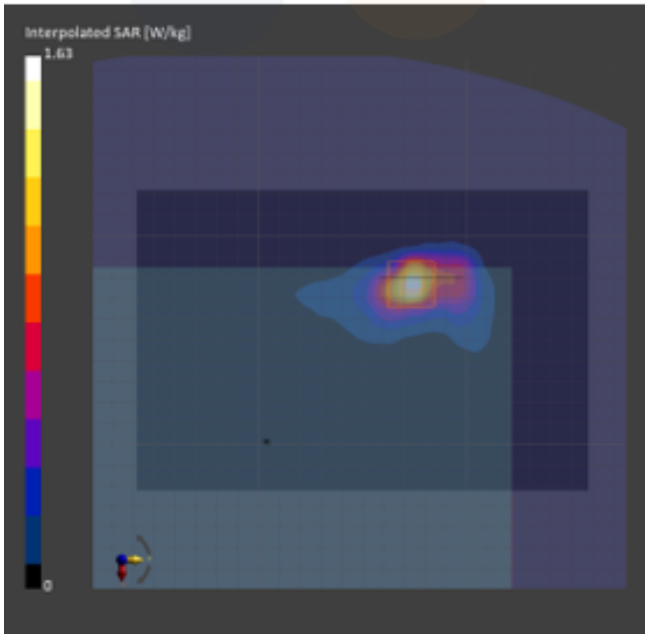
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	BACK, 0.00	Custom Band	CW, 0--	2462.000, 11	7.44	1.86	38.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 - 2189	HBBL-600-10000 , 2025-03-04	EX3DV4 - SN7851, 2024-07-17	DAE4 Sn1759, 2024-11-19

Scan Setup

	Area Scan	Zoom Scan	Measurement Results	Area Scan	Zoom Scan
Grid Extents [mm]	144.0 x 216.0	30.0 x 30.0 x 30.0	Date	2025-03-04	2025-03-04
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5	psSAR1g [W/kg]	0.541	0.664
Sensor Surface [mm]	3.0	1.4	psSAR8g [W/kg]	0.275	0.319
Graded Grid	No	Yes	psSAR10g [W/kg]	0.248	0.286
Grading Ratio	N/A	1.5	psAPD (1.0cm2, sq) [W/m2]		N/A
MAIA	N/A	N/A	psAPD (4.0cm2, sq) [W/m2]		N/A
Surface	VMS + 6p	VMS + 6p	Power Drift [dB]		-0.01
Detection			Peak SAR [W/kg]		1.63
Scan Method	Measured	Measured			



38)

Eurofins KCTL Co.,Ltd.

Measurement Report for SM-X358U, EDGE LEFT, Custom Band, UID 0 -, Channel 11 (2462.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	Serial Number	DUT Type
SM-X358U, SAMSUNG	170.0 x 243.0 x 11.0	R32Y100268R	Tablet + Ant.2

Exposure Conditions

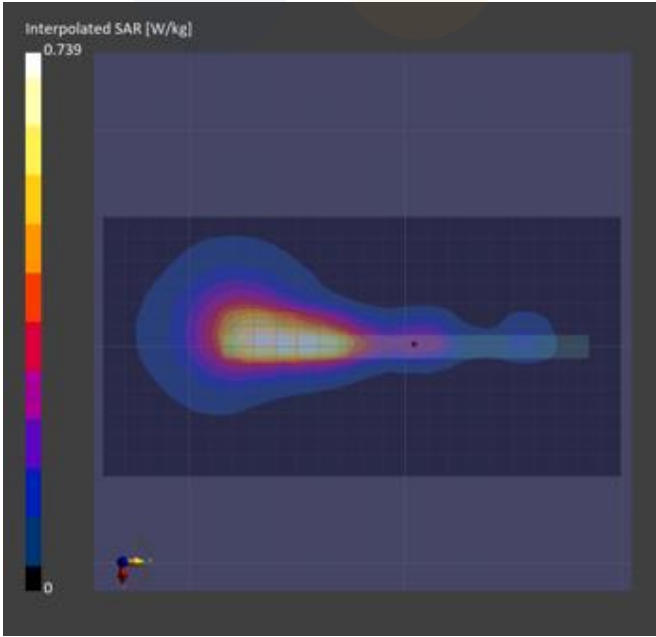
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	EDGE LEFT, 0.00	Custom Band	CW, 0--	2462.000, 11	7.44	1.86	38.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 - 2189	HBBL-600-10000 , 2025-03-04	EX3DV4 - SN7851, 2024-07-17	DAE4 Sn1759, 2024-11-19

Scan Setup

	Area Scan	Zoom Scan	Measurement Results	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 240.0	30.0 x 30.0 x 30.0	Date	2025-03-04	2025-03-04
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5	psSAR1g [W/kg]	0.330	0.355
Sensor Surface [mm]	3.0	1.4	psSAR8g [W/kg]	0.190	0.202
Graded Grid	No	Yes	psSAR10g [W/kg]	0.175	0.187
Grading Ratio	N/A	1.5	psAPD (1.0cm2, sq) [W/m2]		N/A
MAIA	N/A	N/A	psAPD (4.0cm2, sq) [W/m2]		N/A
Surface	VMS + 6p	VMS + 6p	Power Drift [dB]		-0.01
Detection			Peak SAR [W/kg]		0.739
Scan Method	Measured	Measured			



39)

Eurofins KCTL Co.,Ltd.

Measurement Report for SM-X358U, BACK, Custom Band, UID 0 -, Channel 11 (2462.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	Serial Number	DUT Type
SM-X358U, SAMSUNG	243.0 x 170.0 x 11.0	R32Y100268R	Tablet + MIMO

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	BACK, 0.00	Custom Band	CW, 0--	2462.000, 11	7.44	1.86	38.4

Hardware Setup

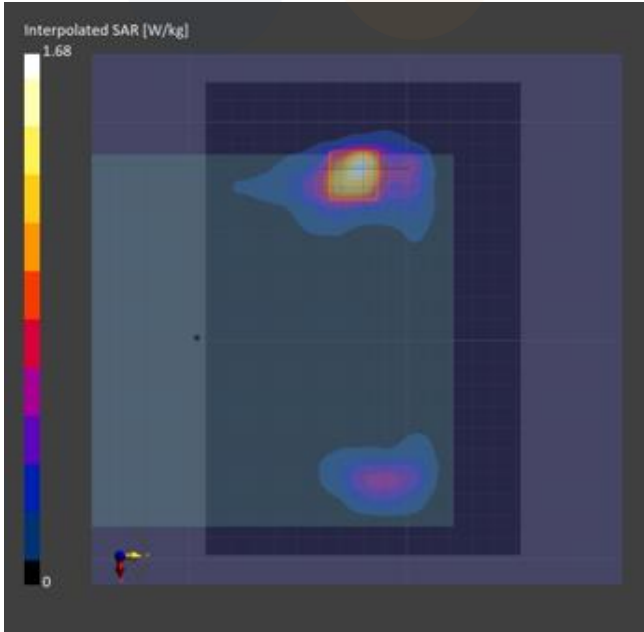
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 - 2189	HBBL-600-10000 , 2025-03-04	EX3DV4 - SN7851, 2024-07-17	DAE4 Sn1759, 2024-11-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	200.0 x 140.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	No	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface	VMS + 6p	VMS + 6p
Detection		
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-03-04	2025-03-04
psSAR1g [W/kg]	0.496	0.600
psSAR8g [W/kg]	0.259	0.282
psSAR10g [W/kg]	0.234	0.252
psAPD (1.0cm2, sq) [W/m2]		N/A
psAPD (4.0cm2, sq) [W/m2]		N/A
Power Drift [dB]		-0.02
Peak SAR [W/kg]		1.68



40)

Eurofins KCTL Co.,Ltd.

Measurement Report for SM-X358U, EDGE LEFT, Custom Band, UID 0 -, Channel 60 (5300.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	Serial Number	DUT Type
SM-X358U, SAMSUNG	170.0 x 243.0 x 11.0	R32Y100268R	Tablet + MIMO

Exposure Conditions

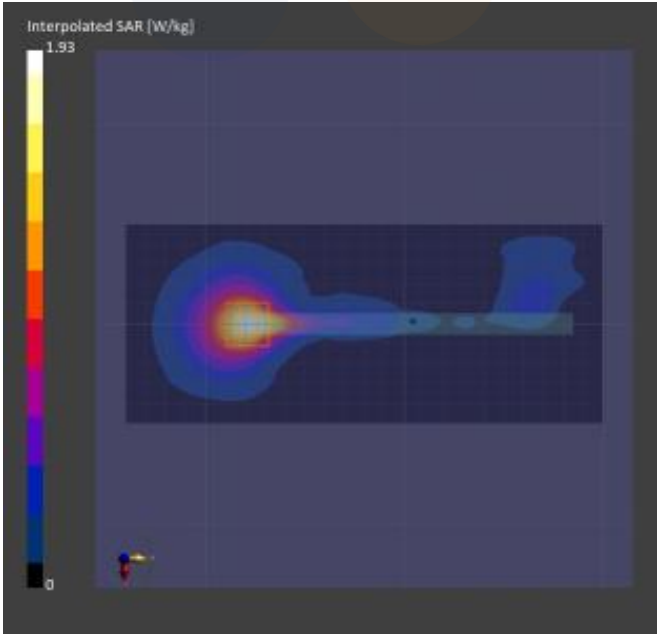
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	EDGE LEFT, 0.00	Custom Band	CW, 0--	5300.000, 60	5.47	4.85	35.3

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 - 2189	HBBL-600-10000 , 2025-03-05	EX3DV4 - SN7851, 2024-07-17	DAE4 Sn1759, 2024-11-19

Scan Setup

	Area Scan	Zoom Scan	Measurement Results		
				Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 240.0	22.0 x 22.0 x 22.0	Date	2025-03-05	2025-03-05
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4	psSAR1g [W/kg]	0.497	0.529
Sensor Surface [mm]	3.0	1.4	psSAR8g [W/kg]	0.217	0.230
Graded Grid	No	Yes	psSAR10g [W/kg]	0.195	0.208
Grading Ratio	N/A	1.4	psAPD (1.0cm2, sq) [W/m2]		N/A
MAIA	N/A	N/A	psAPD (4.0cm2, sq) [W/m2]		N/A
Surface Detection	VMS + 6p	VMS + 6p	Power Drift [dB]		0.03
Scan Method	Measured	Measured	Peak SAR [W/kg]		1.93



41)

Eurofins KCTL Co.,Ltd.

Measurement Report for SM-X358U, EDGE LEFT, Custom Band, UID 0 -, Channel 124 (5620.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	Serial Number	DUT Type
SM-X358U, SAMSUNG	170.0 x 243.0 x 11.0	32Y100268R	Tablet + MIMO

Exposure Conditions

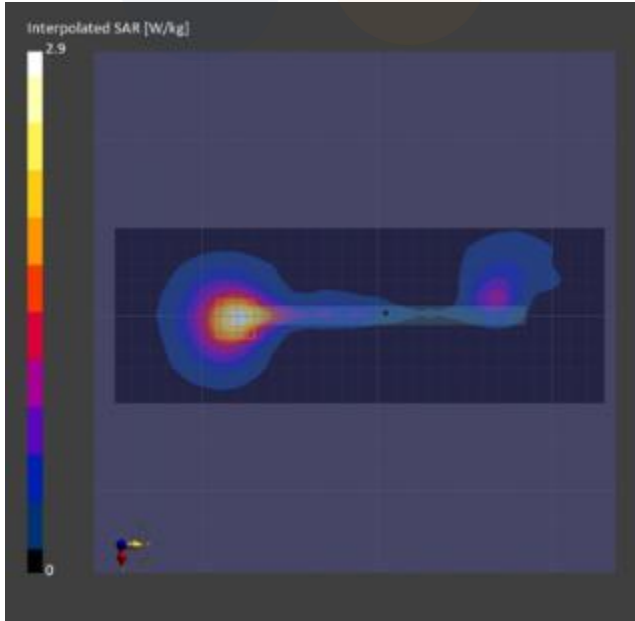
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	EDGE LEFT, 0.00	Custom Band	CW, 0--	5620.000, 124	4.83	5.24	34.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 - 2189	HBBL-600-10000 , 2025-03-05	EX3DV4 - SN7851, 2024-07-17	DAE4 Sn1759, 2024-11-19

Scan Setup

	Area Scan	Zoom Scan	Measurement Results		Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 280.0	22.0 x 22.0 x 22.0	Date		2025-03-05	2025-03-05
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4	psSAR1g [W/kg]		0.689	0.746
Sensor Surface [mm]	3.0	1.4	psSAR8g [W/kg]		0.299	0.321
Graded Grid	No	Yes	psSAR10g [W/kg]		0.270	0.290
Grading Ratio	N/A	1.4	psAPD (1.0cm2, sq) [W/m2]			N/A
MAIA	N/A	N/A	psAPD (4.0cm2, sq) [W/m2]			N/A
Surface Detection	VMS + 6p	VMS + 6p	Power Drift [dB]			-0.03
Scan Method	Measured	Measured	Peak SAR [W/kg]			2.90



42)

Eurofins KCTL Co.,Ltd.

Measurement Report for SM-X358U, EDGE LEFT, Custom Band, UID 0 -, Channel 149 (5745.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	Serial Number	DUT Type
SM-X358U, SAMSUNG	170.0 x 243.0 x 11.0	R32Y100268R	Tablet + MIMO

Exposure Conditions

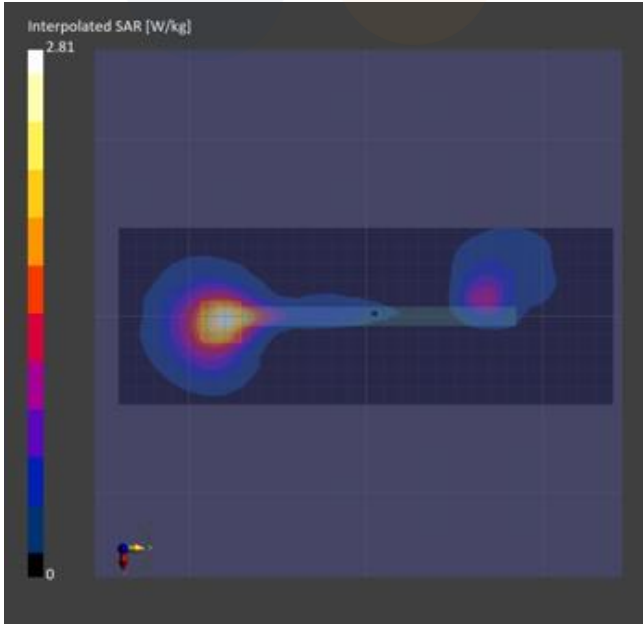
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	EDGE LEFT, 0.00	Custom Band	CW, 0--	5745.000, 149	4.93	5.37	34.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 - 2189	HBBL-600-10000 , 2025-03-06	EX3DV4 - SN7851, 2024-07-17	DAE4 Sn1759, 2024-11-19

Scan Setup

	Area Scan	Zoom Scan	Measurement Results		Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 280.0	22.0 x 22.0 x 22.0	Date		2025-03-06	2025-03-06
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4	psSAR1g [W/kg]		0.648	0.691
Sensor Surface [mm]	3.0	1.4	psSAR8g [W/kg]		0.283	0.293
Graded Grid	No	Yes	psSAR10g [W/kg]		0.255	0.264
Grading Ratio	N/A	1.4	psAPD (1.0cm2, sq) [W/m2]			N/A
MAIA	N/A	N/A	psAPD (4.0cm2, sq) [W/m2]			N/A
Surface Detection	VMS + 6p	VMS + 6p	Power Drift [dB]			0.05
Scan Method	Measured	Measured	Peak SAR [W/kg]			2.81



43)

Eurofins KCTL Co.,Ltd.

Measurement Report for SM-X358U, EDGE LEFT, Custom Band, UID 0 -, Channel 169 (5845.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	Serial Number	DUT Type
SM-X358U, SAMSUNG	170.0 x 243.0 x 11.0	R32Y100268R	Tablet + MIMO

Exposure Conditions

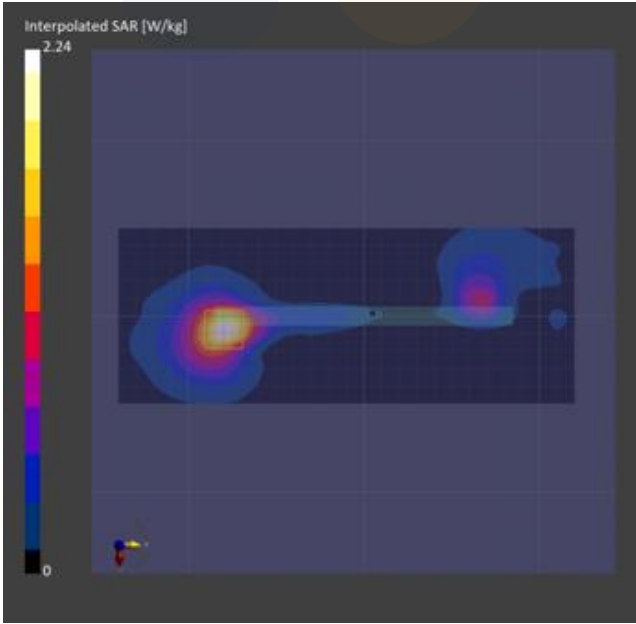
Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, Head Simulating Liquid	EDGE LEFT, 0.00	Custom Band	CW, 0--	5845.000, 169	4.93	5.49	34.1

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 - 2189	HBBL-600-10000 , 2025-03-06	EX3DV4 - SN7851, 2024-07-17	DAE4 Sn1759, 2024-11-19

Scan Setup

	Area Scan	Zoom Scan	Measurement Results		Area Scan	Zoom Scan
Grid Extents [mm]	100.0 x 260.0	22.0 x 22.0 x 22.0	Date		2025-03-06	2025-03-06
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4	psSAR1g [W/kg]		0.515	0.545
Sensor Surface [mm]	3.0	1.4	psSAR8g [W/kg]		0.223	0.229
Graded Grid	No	Yes	psSAR10g [W/kg]		0.201	0.206
Grading Ratio	N/A	1.4	psAPD (1.0cm2, sq) [W/m2]			N/A
MAIA	N/A	N/A	psAPD (4.0cm2, sq) [W/m2]			N/A
Surface Detection	VMS + 6p	VMS + 6p	Power Drift [dB]			-0.07
Scan Method	Measured	Measured	Peak SAR [W/kg]			2.24



44)

Date: 3/11/2025

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [1. Bluetooth Ant.1 Body.da53:0](#)

DUT: SM-X358U, Type: Tablet, Serial: R32Y100297N

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.30167
Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.792$ S/m; $\epsilon_r = 37.666$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3928; ConvF(6.95, 6.67, 7.67) @ 2441 MHz; Calibrated: 2/21/2025
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn666; Calibrated: 1/21/2025
- Phantom: ELI V8.0_Left; Type: QD OVA 004 Ax; Serial: 2098
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Bluetooth_Ant.1_BDR_DH5_CH39_Rear_0 mm Grip Sensor/Area Scan (11x11x1):

Measurement grid: dx=12mm, dy=12mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.776 W/kg

Configuration/Bluetooth_Ant.1_BDR_DH5_CH39_Rear_0 mm Grip Sensor/Zoom Scan (7x7x8)/Cube

0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

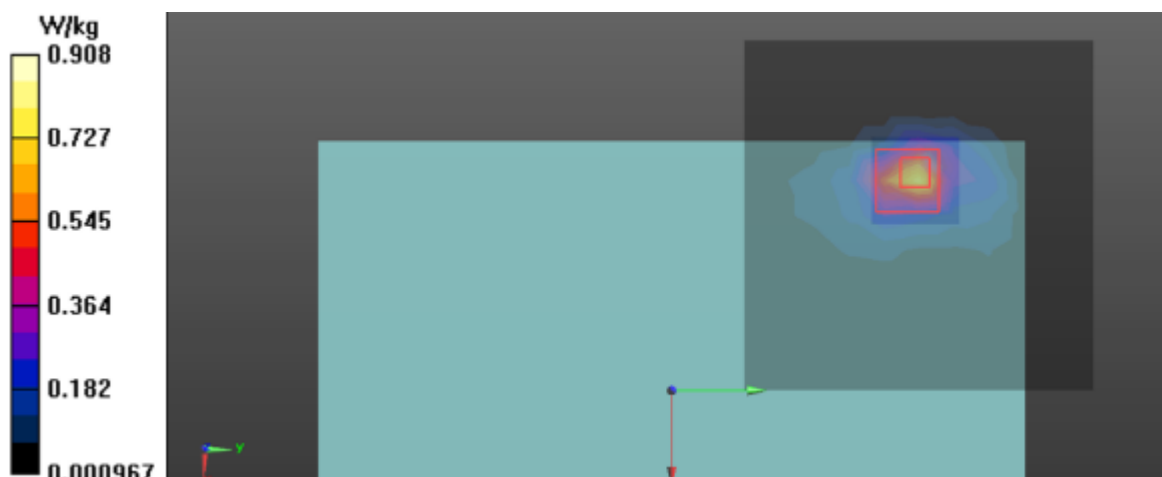
Reference Value = 21.72 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.465 W/kg; SAR(10 g) = 0.202 W/kg

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.908 W/kg



45)

Date: 3/11/2025

Test Laboratory: Eurofins KCTL Co.,Ltd.

File Name: [2. Bluetooth_Ant.2_Body.da53:1](#)

DUT: SM-X358U, Type: Tablet, Serial: R32Y100297N

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.30167

Medium parameters used: $f = 2480 \text{ MHz}$; $\sigma = 1.813 \text{ S/m}$; $\epsilon_r = 37.67$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3928;ConvF(6.95, 6.67, 7.67) @ 2480 MHz; Calibrated: 2/21/2025
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn666; Calibrated: 1/21/2025
- Phantom: ELI V8.0_Left; Type: QD OVA 004 Ax; Serial: 2098
- Measurement SW: DASY52, Version 52.10 (4);

Configuration 2/Bluetooth_Ant.2_BDR_DH5_CH78_Left_0 mm/Area Scan (11x16x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.299 W/kg

Configuration 2/Bluetooth_Ant.2_BDR_DH5_CH78_Left_0 mm/Zoom Scan (7x7x8)/Cube 0:

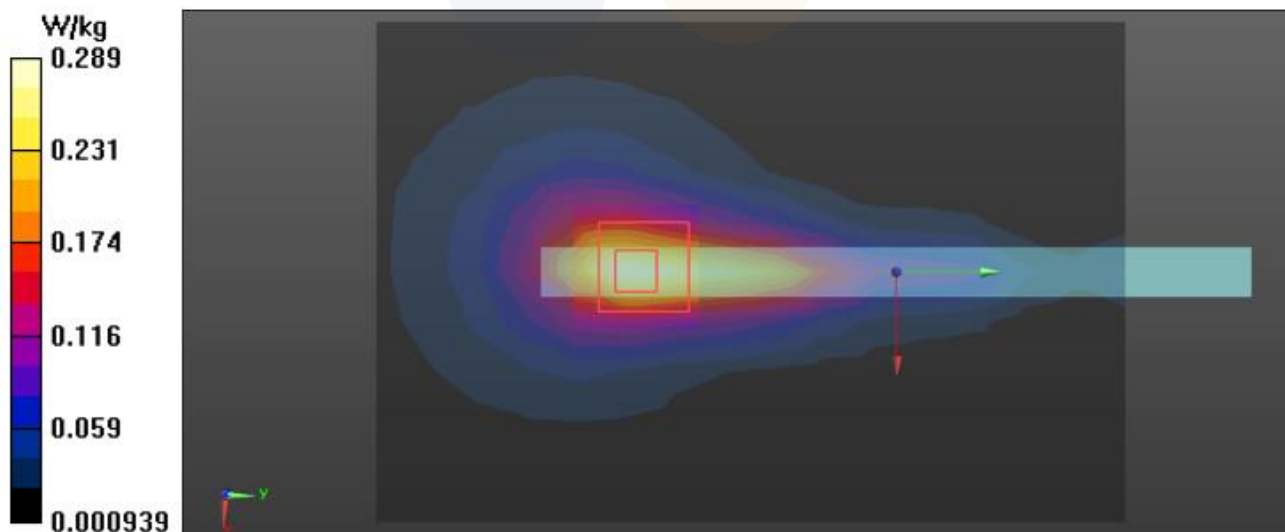
Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 13.50 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.381 W/kg

SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.092 W/kg

Maximum value of SAR (measured) = 0.289 W/kg



46)

Eurofins KCTL Co.,Ltd.

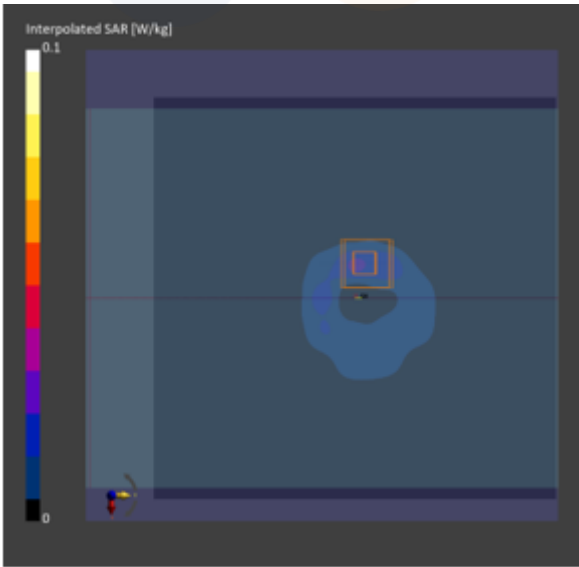
Measurement Report for SM-X358U, FRONT, Custom Band, UID 0 -, Channel 13600 (13.600MHz)

Device under Test Properties			
Model, Manufacturer	Dimensions [mm]	Serial Number	DUT Type
SM-X358U, Samsung	243.0 x 170.0 x 11.0	R32Y1001ZZE	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, Head Simulating Liquid	FRONT, 0.00	Custom Band	CW, 0--	13.600, 13600	14.72	0.737	56.4

Hardware Setup			
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 - 2097	HBBL4-250V3, 2025-01-23	EX3DV4 - SN3928, 2024-02-22	DAE4 Sn1756, 2024-09-13

Scan Setup		Measurement Results	
	Area Scan	Zoom Scan	
Grid Extents [mm]	180.0 x 180.0	32.0 x 32.0 x 30.0	Date
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0	2025-01-23
Sensor Surface [mm]	3.0	1.4	psSAR1g [W/kg]
Graded Grid	No	Yes	0.023
Grading Ratio	N/A	1.5	psSAR8g [W/kg]
MAIA	N/A	N/A	0.016
Surface	VMS + 6p	VMS + 6p	psSAR10g [W/kg]
Detection			0.015
Scan Method	Measured	Measured	psAPD (1.0cm2, sq) [W/m2]
			0.007
			psAPD (4.0cm2, sq) [W/m2]
			N/A
			Power Drift [dB]
			0.09



Appendixes List

Appendix A	A.1 Probe Calibration certificate (EX3DV4_SN3697) A.2 Probe Calibration certificate (EX3DV4_SN3928) (2024-02-22) A.3 Probe Calibration certificate (EX3DV4_SN3928) (2025-02-21) A.4 Probe Calibration certificate (EX3DV4_SN7540) A.5 Probe Calibration certificate (EX3DV4_SN7770) A.6 Probe Calibration certificate (EX3DV4_SN7772) A.7 Probe Calibration certificate (EX3DV4_SN7840) A.8 Probe Calibration certificate (EX3DV4_SN7851) A.9 Dipole Calibration certificate (CLA13_SN1019) A.10 Dipole Calibration certificate (D750V3_SN1224) A.11 Dipole Calibration certificate (D850V2_SN1030) A.12 Dipole Calibration certificate (D1750V2_SN1195) A.13 Dipole Calibration certificate (D1900V2_SN5d248) A.14 Dipole Calibration certificate (D2300V2_SN1109) A.15 Dipole Calibration certificate (D2450V2_SN1091) A.16 Dipole Calibration certificate (D2600V2_SN1200) A.17 Dipole Calibration certificate (D3500V2_SN1146) A.18 Dipole Calibration certificate (D3700V2_SN1027) A.19 Dipole Calibration certificate (D3900V2_SN1043) A.20 Dipole Calibration certificate (D5GHzv2_SN1134) A.21 Justification for Extended SAR Dipole Calibrations
Appendix B	SAR Tissue Specification
Appendix C	LTE CA RF Conducted Power
Appendix D	Power Reduction Verification
Appendix E	#Antenna Location & Distance
Appendix F	EUT Photo
Appendix G	Test Setup Photo