

Appendix A. System Check Data



Date: 2025/01/08

System Performance Check_750MHz-Head

DUT: D750V3; Type: D750V3

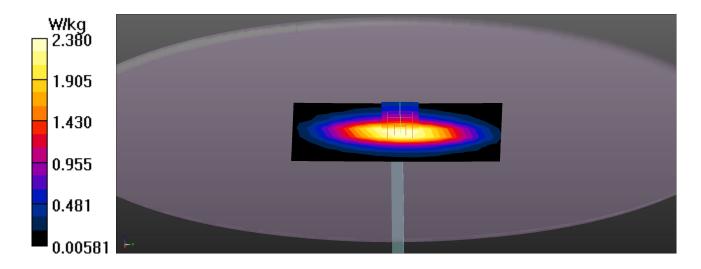
Communication System: UID 0, CW; Frequency: 750 MHz Communication System PAR: 0 dB Medium parameters used: f = 750 MHz; σ = 0.9 S/m; ϵ_r = 41.92; ρ = 1000 kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 SN3979; ConvF(8.47, 10.75, 8.97) @ 750 MHz; Calibrated: 2024/11/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1425; Calibrated: 2024/11/18
- Phantom: ELI 5.0; Type: QDOVA002AA; Serial: 1199
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/750MHz Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 2.38 W/kg

Configuration/750MHz Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 58.43 V/m; Power Drift = 0.04 dB Peak SAR (extrapolated) = 3.00 W/kg SAR(1 g) = 2.25 W/kg; SAR(10 g) = 1.48 W/kg Smallest distance from peaks to all points 3 dB below = 17.9 mm Ratio of SAR at M2 to SAR at M1 = 70.8% Maximum value of SAR (measured) = 2.75 W/kg





Date: 2025/01/11

System Performance Check_900MHz-Head

DUT: D900V2; Type: D900V2

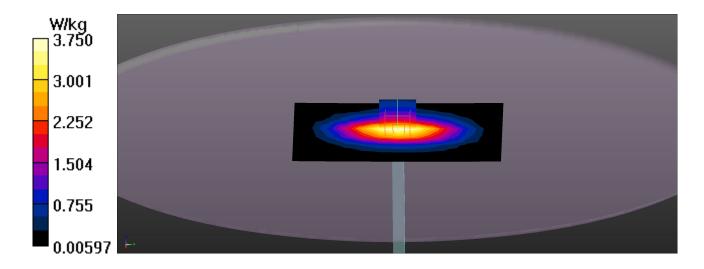
Communication System: UID 0, CW; Frequency: 900 MHz Communication System PAR: 0 dB Medium parameters used: f = 900 MHz; σ = 0.97 S/m; ϵ_r = 42.05; ρ = 1000 kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 SN3979; ConvF(8.06, 10.23, 8.54) @ 900 MHz; Calibrated: 2024/11/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1425; Calibrated: 2024/11/18
- Phantom: ELI 5.0; Type: QDOVA002AA; Serial: 1199
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/900MHz Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 3.75 W/kg

Configuration/900MHz Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 63.96 V/m; Power Drift = 0.15 dB Peak SAR (extrapolated) = 3.97 W/kg SAR(1 g) = 2.66 W/kg; SAR(10 g) = 1.71 W/kg Smallest distance from peaks to all points 3 dB below = 16 mm Ratio of SAR at M2 to SAR at M1 = 66% Maximum value of SAR (measured) = 3.91 W/kg





Date: 2025/01/17

System Performance Check_1750MHz-Head

DUT: D1750V2; Type: D1750V2

Communication System: UID 0, CW; Frequency: 1750 MHz Communication System PAR: 0 dB Medium parameters used: f = 1750 MHz; σ = 1.37 S/m; ϵ_r = 40.22; ρ = 1000 kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

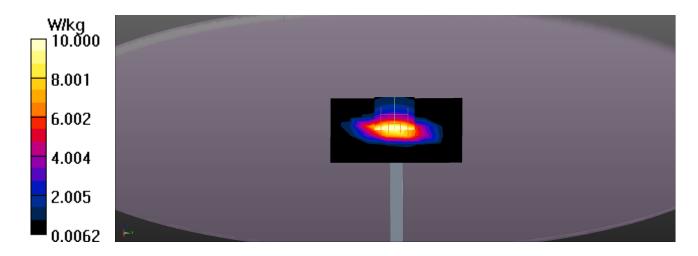
DASY Configuration:

- Probe: EX3DV4 SN3979; ConvF(6.92, 8.78, 7.33) @ 1750 MHz; Calibrated: 2024/11/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1425; Calibrated: 2024/11/18
- Phantom: ELI 5.0; Type: QDOVA002AA; Serial: 1199
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/1750MHz Head/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 10.0 W/kg

Configuration/1750MHz Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 103.3 V/m; Power Drift = 0.03 dB Peak SAR (extrapolated) = 16.8 W/kg SAR(1 g) = 9.12 W/kg; SAR(10 g) = 4.88 W/kg Smallest distance from peaks to all points 3 dB below = 10.1 mm Ratio of SAR at M2 to SAR at M1 = 60.7% Maximum value of SAR (measured) = 13.1 W/kg





Date: 2025/01/17

System Performance Check_1750MHz-Head

DUT: D1750V2; Type: D1750V2

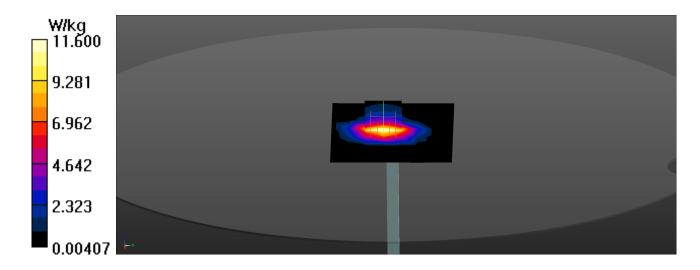
Communication System: UID 0, CW; Frequency: 1750 MHz Communication System PAR: 0 dB Medium parameters used: f = 1750 MHz; σ = 1.37 S/m; ϵ_r = 40.22; ρ = 1000 kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 SN7631; ConvF(8.71, 8.71, 8.71) @ 1750 MHz; Calibrated: 2024/02/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2024/02/15
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/1750MHz/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 11.6 W/kg

Configuration/1750MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 95.45 V/m; Power Drift = 0.01 dB Peak SAR (extrapolated) = 16.9 W/kg SAR(1 g) = 8.98 W/kg; SAR(10 g) = 4.7 W/kg Smallest distance from peaks to all points 3 dB below = 11.2 mm Ratio of SAR at M2 to SAR at M1 = 55.2% Maximum value of SAR (measured) = 13.5 W/kg





Date: 2025/01/19

System Performance Check_1950MHz-Head

DUT: D1950V3; Type: D1950V3

Communication System: UID 0, CW ; Frequency: 1950 MHz Communication System PAR: 0 dB Medium parameters used: f = 1950 MHz; σ = 1.44 S/m; ϵ_r = 39.45; ρ = 1000 kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

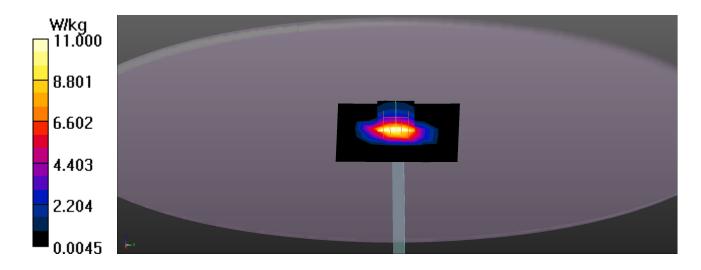
DASY Configuration:

- Probe: EX3DV4 SN3979; ConvF(6.74, 8.55, 7.13) @ 1950 MHz; Calibrated: 2024/11/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1425; Calibrated: 2024/11/18
- Phantom: ELI 5.0; Type: QDOVA002AA; Serial: 1199
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/1950MHz Head/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 11.0 W/kg

Configuration/1950MHz Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 104.5 V/m; Power Drift = 0.08 dB Peak SAR (extrapolated) = 18.5 W/kg SAR(1 g) = 9.72 W/kg; SAR(10 g) = 4.97 W/kg Smallest distance from peaks to all points 3 dB below = 9.6 mm Ratio of SAR at M2 to SAR at M1 = 58.4% Maximum value of SAR (measured) = 14.4 W/kg





Date: 2025/01/24

System Performance Check_2450MHz-Head

DUT: D2450V2; Type: D2450V2

Communication System: UID 0, CW; Frequency: 2450 MHz Communication System PAR: 0 dB Medium parameters used: f = 2450 MHz; σ = 1.83 S/m; ϵ_r = 40.27; ρ = 1000 kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

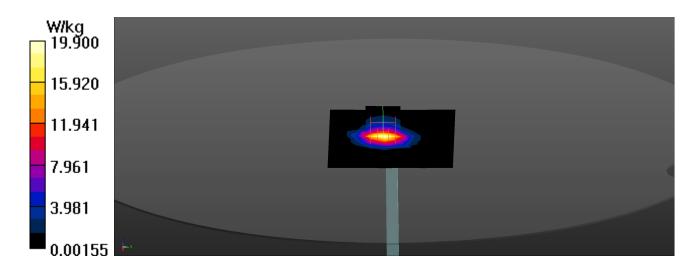
DASY Configuration:

- Probe: EX3DV4 SN7631; ConvF(8.22, 8.22, 8.22) @ 2450 MHz; Calibrated: 2024/02/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2024/02/15
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/2450MHz_Head/Area Scan (10x10x1): Measurement grid: dx=12mm, dy=12mm Maximum value of SAR (measured) = 19.9 W/kg

Configuration/2450MHz_Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 102.6 V/m; Power Drift = 0.08 dB Peak SAR (extrapolated) = 26.1 W/kg SAR(1 g) = 13.1 W/kg; SAR(10 g) = 6.16 W/kg Smallest distance from peaks to all points 3 dB below = 9 mm Ratio of SAR at M2 to SAR at M1 = 49.3% Maximum value of SAR (measured) = 21.8 W/kg





Date: 2025/01/16

System Performance Check_2600MHz-Head

DUT: D2600V2; Type: D2600V2

Communication System: UID 0, CW; Frequency: 2600 MHz Communication System PAR: 0 dB Medium parameters used: f = 2600 MHz; σ = 1.98 S/m; ϵ_r = 39.32; ρ = 1000 kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

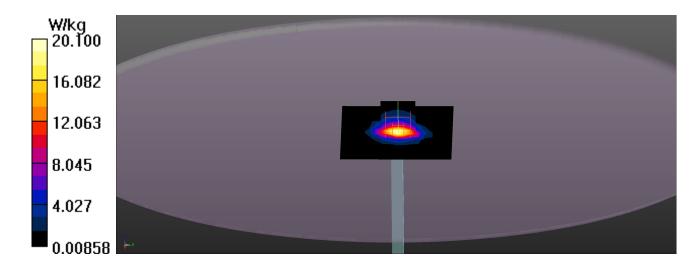
DASY Configuration:

- Probe: EX3DV4 SN3979; ConvF(6.25, 7.93, 6.62) @ 2600 MHz; Calibrated: 2024/11/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1425; Calibrated: 2024/11/18
- Phantom: ELI 5.0; Type: QDOVA002AA; Serial: 1199
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/2600MHz-Head/Area Scan (9x9x1): Measurement grid: dx=12mm, dy=12mm Maximum value of SAR (measured) = 20.1 W/kg

Configuration/2600MHz-Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 108.2 V/m; Power Drift = 0.18 dB Peak SAR (extrapolated) = 27.3 W/kg SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.02 W/kg Smallest distance from peaks to all points 3 dB below = 9 mm Ratio of SAR at M2 to SAR at M1 = 52.6% Maximum value of SAR (measured) = 21.3 W/kg





Date: 2025/01/16

System Performance Check_2600MHz-Head

DUT: D2600V2; Type: D2600V2

Communication System: UID 0, CW; Frequency: 2600 MHz Communication System PAR: 0 dB Medium parameters used: f = 2600 MHz; σ = 1.97 S/m; ϵ_r = 39.23; ρ = 1000 kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

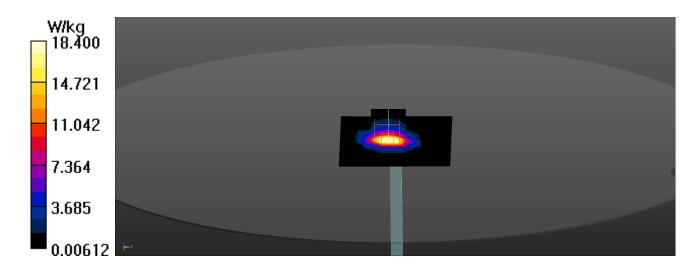
DASY Configuration:

- Probe: EX3DV4 SN7631; ConvF(7.97, 7.97, 7.97) @ 2600 MHz; Calibrated: 2024/02/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2024/02/15
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/2600MHz_Head/Area Scan (9x9x1): Measurement grid: dx=12mm, dy=12mm Maximum value of SAR (measured) = 18.4 W/kg

Configuration/2600MHz_Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 81.18 V/m; Power Drift = 0.10 dB Peak SAR (extrapolated) = 27.3 W/kg SAR(1 g) = 13.1 W/kg; SAR(10 g) = 5.99 W/kg Smallest distance from peaks to all points 3 dB below = 9 mm Ratio of SAR at M2 to SAR at M1 = 48.6% Maximum value of SAR (measured) = 22.1 W/kg





Date: 2025/01/25

System Performance Check_5250MHz-Head

DUT: D5GHzV2; Type: D5GHzV2

Communication System: UID 0, CW; Frequency: 5250 MHz Communication System PAR: 0 dB Medium parameters used: f = 5250 MHz; σ = 4.74 S/m; ϵ_r = 36.19; ρ = 1000 kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

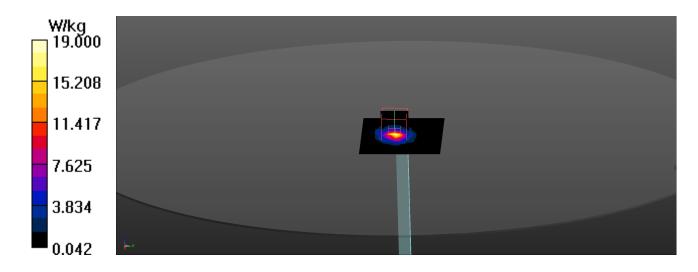
DASY Configuration:

- Probe: EX3DV4 SN7631; ConvF(5.79, 5.79, 5.79) @ 5250 MHz; Calibrated: 2024/02/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2024/02/15
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/5250MHz-Head/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (measured) = 19.0 W/kg

Configuration/5250MHz-Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 56.10 V/m; Power Drift = 0.18 dB Peak SAR (extrapolated) = 27.5 W/kg SAR(1 g) = 8.03 W/kg; SAR(10 g) = 2.29 W/kg Smallest distance from peaks to all points 3 dB below = 7.2 mm Ratio of SAR at M2 to SAR at M1 = 66.1% Maximum value of SAR (measured) = 20.4 W/kg





Date: 2025/01/25

System Performance Check_5600MHz-Head

DUT: D5GHzV2; Type: D5GHzV2

Communication System: UID 0, CW; Frequency: 5600 MHz Communication System PAR: 0 dB Medium parameters used: f = 5600 MHz; σ = 5.22 S/m; ϵ_r = 35.22; ρ = 1000 kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

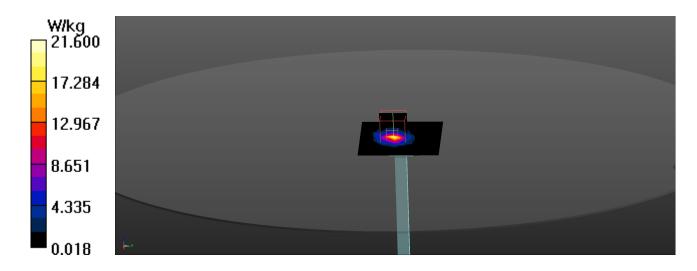
DASY Configuration:

- Probe: EX3DV4 SN7631; ConvF(5.03, 5.03, 5.03) @ 5600 MHz; Calibrated: 2024/02/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2024/02/15
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/5600MHz-Head/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (measured) = 21.6 W/kg

Configuration/5600MHz-Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 54.47 V/m; Power Drift = 0.14 dB Peak SAR (extrapolated) = 35.6 W/kg SAR(1 g) = 8.55 W/kg; SAR(10 g) = 2.44 W/kg Smallest distance from peaks to all points 3 dB below = 7.2 mm Ratio of SAR at M2 to SAR at M1 = 64.6% Maximum value of SAR (measured) = 22.3 W/kg





Date: 2025/01/25

System Performance Check_5800MHz-Head

DUT: D5GHzV2; Type: D5GHzV2

Communication System: UID 0, CW; Frequency: 5800 MHz Communication System PAR: 0 dB Medium parameters used: f = 5800 MHz; σ = 5.48 S/m; ϵ_r = 34.67; ρ = 1000 kg/m³ Phantom section: Flat Section Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

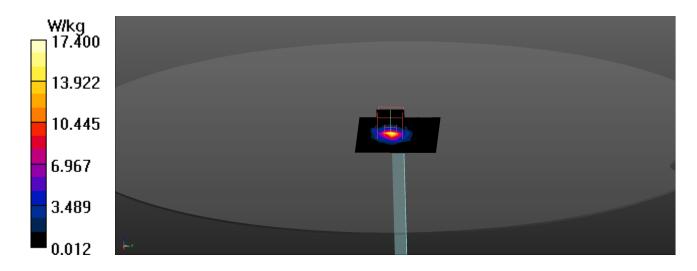
DASY Configuration:

- Probe: EX3DV4 SN7631; ConvF(5.14, 5.14, 5.14) @ 5800 MHz; Calibrated: 2024/02/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2024/02/15
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/5800MHz-Head/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm Maximum value of SAR (measured) = 17.4 W/kg

Configuration/5800MHz-Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 53.78 V/m; Power Drift = -0.16 dB Peak SAR (extrapolated) = 32.0 W/kg SAR(1 g) = 7.65 W/kg; SAR(10 g) = 2.19 W/kg Smallest distance from peaks to all points 3 dB below = 7.2 mm Ratio of SAR at M2 to SAR at M1 = 62% Maximum value of SAR (measured) = 19.1 W/kg





Date: 2025-01-26

System Performance Check_6500MHz-Head

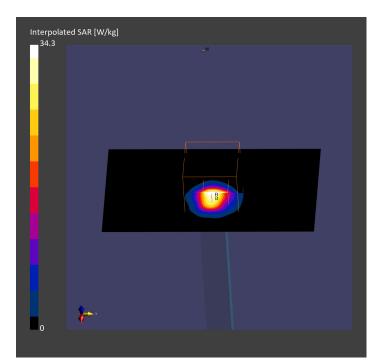
Communication System: UID 0--, CW; Frequency: 6500.000 MHz Medium parameters used: f = 6500.000 MHz; Conductivity = 6.02 S/m; Permittivity = 34.5 Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 SN7631; ConvF(5.7, 5.7, 5.7); Calibrated: 2024-02-21
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1651; Calibrated: 2024-02-15
- Phantom: ELI V8.0 (20deg probe tilt)
- Measurement SW: V16.2.4.2524

Area Scan (51.0 mm x 85.0 mm): Measurement grid: 8.5 mm x 8.5 mm SAR (1 g) = 22.1 W/kg; SAR (10 g) = 4.96 W/kg

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement grid: 3.4 mm x 3.4 mm x 1.4 mm Power Drift = 0.02 dB SAR(1 g) = 29.7 W/kg; SAR(10 g) = 5.44 W/kg psAPD (4.0cm2, sq) = 139 W/m2 Smallest distance from peaks to all points 3 dB below = 5.0 Ratio of SAR at M2 to SAR at M1 = 53.6





Date: 2025-02-18

System Performance Check_6500MHz-Head

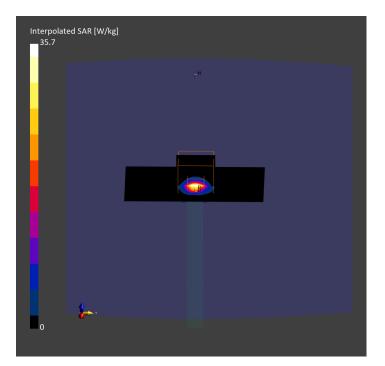
Communication System: UID 0--, CW; Frequency: 6500.000 MHz Medium parameters used: f = 6500.000 MHz; Conductivity = 6.08 S/m; Permittivity = 34.6 Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 SN7350; ConvF(5.51, 5.51, 5.62); Calibrated: 2024-02-21
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn916; Calibrated: 2024-02-15
- Phantom: ELI V8.0 (20deg probe tilt)
- Measurement SW: V16.4.0.5005

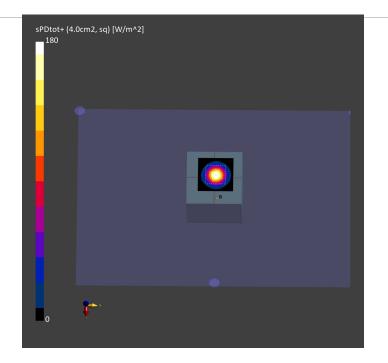
Area Scan (51.0 mm x 85.0 mm): Measurement grid: 8.5 mm x 8.5 mm SAR (1 g) = 21.2 W/kg; SAR (10 g) = 4.64 W/kg

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement grid: 3.4 mm x 3.4 mm x 1.4 mm Power Drift = 0.03 dB SAR(1 g) = 28.8 W/kg; SAR(10 g) = 5.32 W/kg psAPD (4.0cm2, sq) = 130 W/m2 Smallest distance from peaks to all points 3 dB below = 4.9 Ratio of SAR at M2 to SAR at M1 = 52.6





Model, Manufacturer	Dimensions [mm) I	IMEI		DUT Type	
5G Verification Source 10 GHz 100.0 x 100.0 x		100.0				
Exposure Conditions						
Phantom Section	Position, Test Distance [mm]	Band	Grou UID	p,	Frequency [MHz], Channel Number	Conversion Factor
5G Air	FRONT, 10.00	Validation band	CW, 0		10000.0, 10000	1.0
Hardware Setup	Medium			Probe, Calibration Da	te	DAE, Calibration Date
mmWave- 1068	Air			EUmmWV4 - SN9546_ 04-18	F1-55GHz, 2024-	DAE4 Sn1651, 2024-02-15
Scan Setup				Measurement Re	sults	
•		5G Sc	an			5G Scan
Grid Extents [mm]		60.0 x 6	0.0	Date		2025-01-27
Grid Steps [lambda]		0.125 x 0.1	.25	Avg. Area [cm ²]		4.00
Sensor Surface [mm]		10	0.0	psPDn+ [W/m ²]		179
ΜΑΙΑ		N	I/A	psPDtot+ [W/m ²]		180
				psPDmod+ [W/m ²]		184
				E _{max} [V/m]		300
				Power Drift [dB]		0.05





Model, Manufacturer	Dimensions [mm	i] I	IMEI		DUT Type	
5G Verification Source 10 GHz 100.0 x 100.0 >		100.0				
Exposure Conditions						
Phantom Section	Position, Test Distance [mm]	Band	Grou UID	р,	Frequency [MHz], Channel Number	Conversion Factor
5G Air	FRONT, 10.00	Validation band	CW, 0		10000.0, 10000	1.0
Hardware Setup	Medium			Probe, Calibration Da	te	DAE, Calibration Date
mmWave- 1068	Air			EUmmWV4 - SN9546_ 04-18	F1-55GHz, 2024-	DAE4 Sn916, 2024-12-04
Scan Setup				Measurement Re	sults	
•		5G Sc	an			5G Scan
Grid Extents [mm]		60.0 x 6	0.0	Date		2025-02-18
Grid Steps [lambda]		0.125 x 0.1	.25	Avg. Area [cm ²]		4.00
Sensor Surface [mm]		10	0.0	psPDn+ [W/m²]		179
ΜΑΙΑ		N	I/A	psPDtot+ [W/m ²]		180
				psPDmod+ [W/m ²]		184
				E _{max} [V/m]		299
				Power Drift [dB]		0.02

