Test Laboratory: BTL Inc. Date: 2025/3/29

System Check_H2450_0329

DUT: Dipole 2450 MHz D2450V2;SN:919;

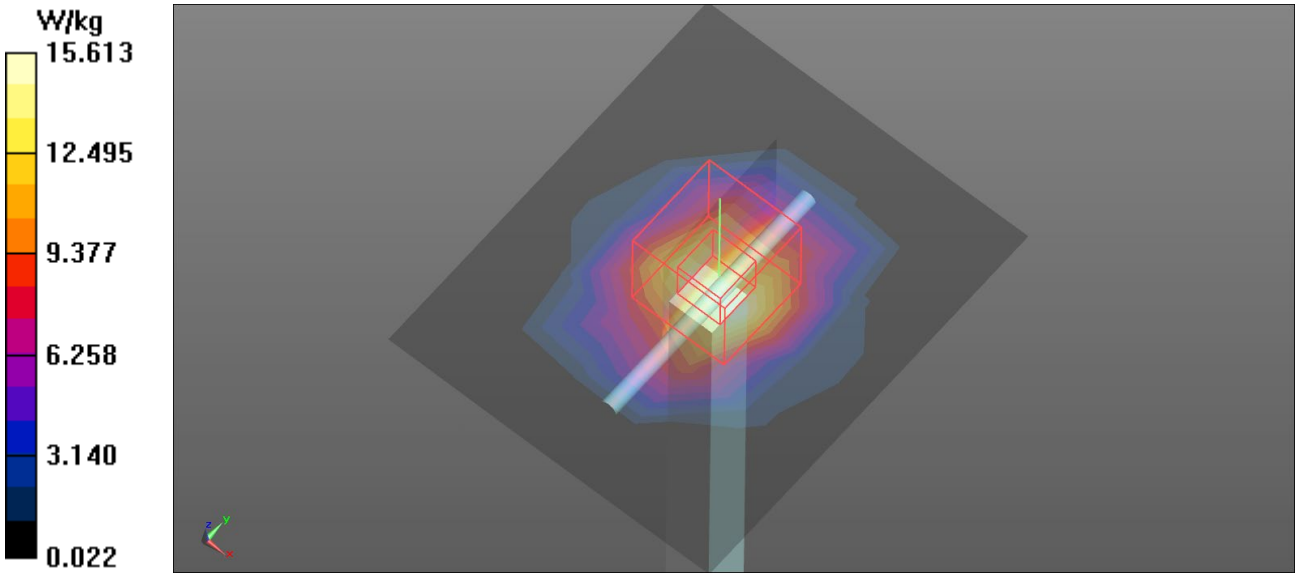
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2450 MHz; σ = 1.848 S/m; ε_r = 39.751; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：22.1 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(7.51, 7.27, 7.34) @ 2450 MHz; Calibrated: 2024/4/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 2024/11/14
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1128
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x7x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 15.6 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 115.8 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 27.5 W/kg
SAR(1 g) = 13 W/kg; SAR(10 g) = 5.95 W/kg
Maximum value of SAR (measured) = 22.0 W/kg



Test Laboratory: BTL Inc. Date: 2025/3/31

System Check_H5250_0331

DUT: Dipole D5GHzV2;SN;1160;

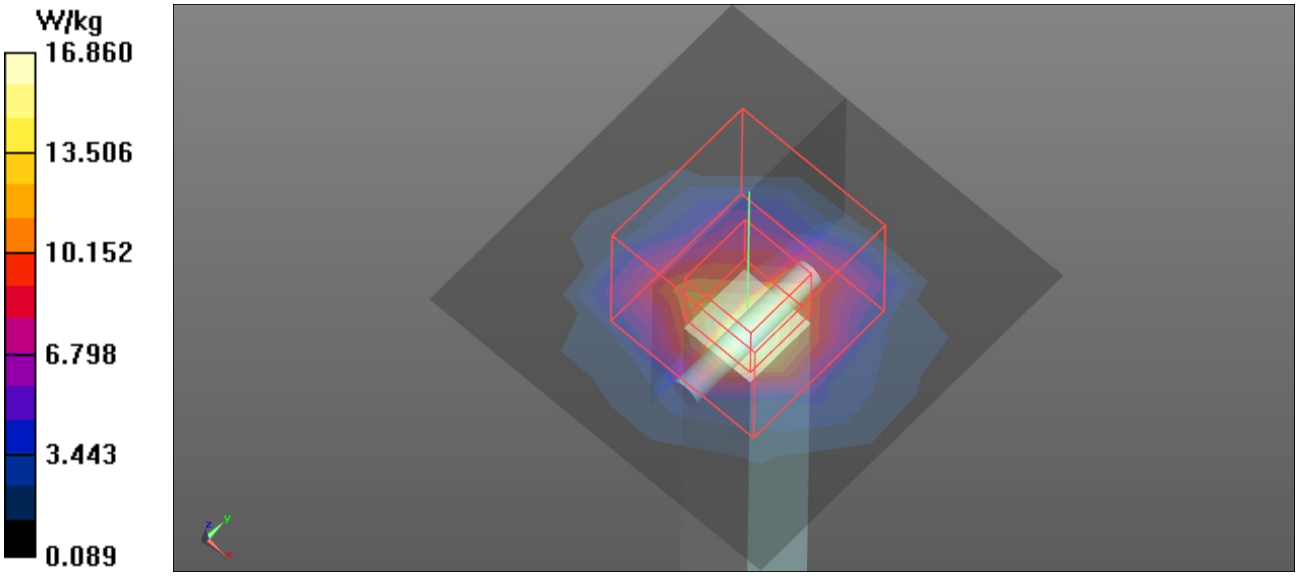
Communication System: UID 0, CW (0); Frequency: 5250 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5250 MHz; σ = 4.589 S/m; ε_r = 35.391; ρ = 1000 kg/m^3
Ambient Temperature：22.8 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(5.48, 5.36, 5.39) @ 5250 MHz; Calibrated: 2024/4/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2024/11/14
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1128
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x6x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 16.9 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 71.63 V/m; Power Drift = -0.78 dB
Peak SAR (extrapolated) = 37.3 W/kg
SAR(1 g) = 7.67 W/kg; SAR(10 g) = 2.16 W/kg
Maximum value of SAR (measured) = 20.8 W/kg



Test Laboratory: BTL Inc. Date: 2025/3/31

System Check_H5600_0331

DUT: Dipole D5GHzV2;SN;1160;

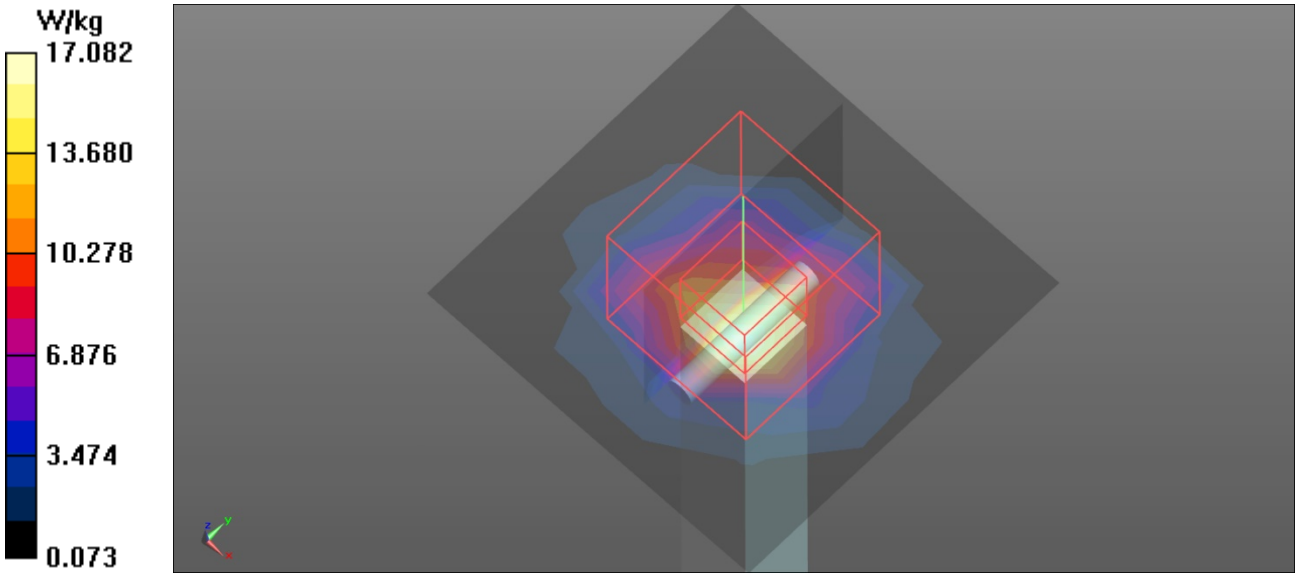
Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; σ = 5.051 S/m; ε_r = 34.576; ρ = 1000 kg/m^3
Ambient Temperature：22.8 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(4.74, 4.48, 4.59) @ 5600 MHz; Calibrated: 2024/4/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2024/11/14
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1128
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x6x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 17.1 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 67.92 V/m; Power Drift = -0.35 dB
Peak SAR (extrapolated) = 42.2 W/kg
SAR(1 g) = 7.94 W/kg; SAR(10 g) = 2.22 W/kg
Maximum value of SAR (measured) = 22.0 W/kg



Test Laboratory: BTL Inc. Date: 2025/3/31

System Check_H5750_0331

DUT: Dipole D5GHzV2;SN;1160;

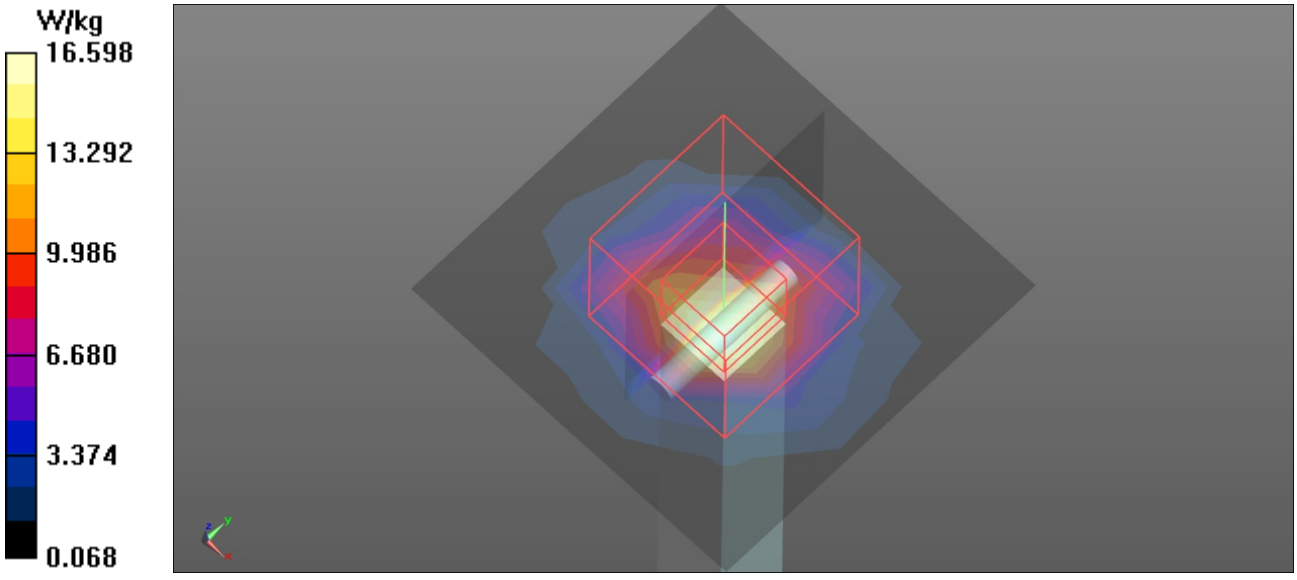
Communication System: UID 0, CW (0); Frequency: 5750 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5750 MHz; σ = 5.168 S/m; ε_r = 34.173; ρ = 1000 kg/m^3
Ambient Temperature：22.8 ℃; Liquid Temperature：22.3 ℃

DASY Configuration:

- Probe: EX3DV4 - SN7544; ConvF(4.96, 4.67, 4.8) @ 5750 MHz; Calibrated: 2024/4/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 2024/11/14
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1128
- DASY52 52.10.2(1495); SEMCAD X 14.6.12(7450)

Area Scan (6x6x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 16.6 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 66.48 V/m; Power Drift = -0.41 dB
Peak SAR (extrapolated) = 43.1 W/kg
SAR(1 g) = 7.58 W/kg; SAR(10 g) = 2.1 W/kg
Maximum value of SAR (measured) = 21.4 W/kg



Measurement Report for Device, , , UID 0 -, Channel 0 (6500.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	50.0 x 10.0 x 8.0	SN: 1052	6.5G 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, HSL Head Simulating Liquid	5		CW, -0-	6500.000	5.6	5.87	33.6

Hardware Setup

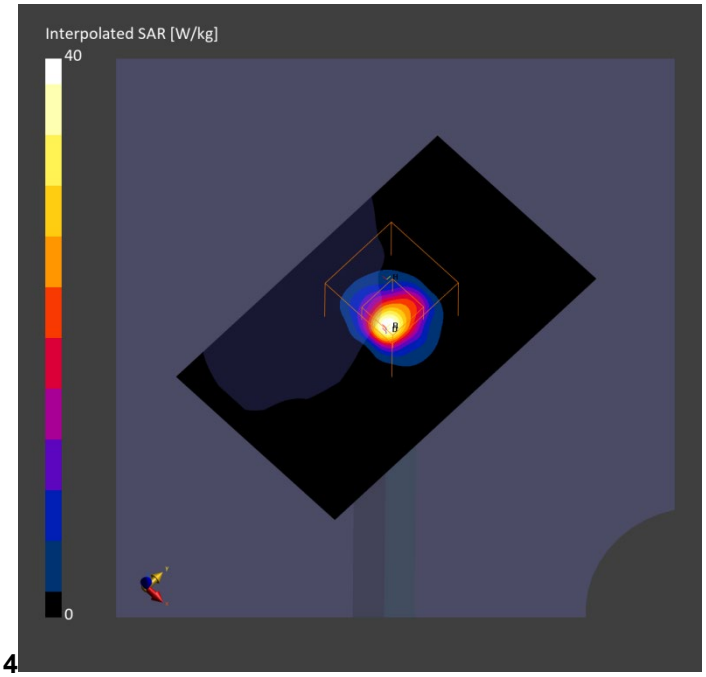
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2081	HBBL-695-10000,Charge:0122,--	EX3DV4 - SN7693, 2024-11-20	DAE4 Sn1717, 2024-04-18

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	51.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	1.4	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-04-02	2025-04-02
psSAR1g [W/kg]	23.1	29.5
psSAR10g [W/kg]	4.76	5.44
Power Drift [dB]	-0.05	-0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		49.1
Dist 3dB Peak [mm]		4.8



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Measurement Report for Device, FRONT, Validation band, UID 0 -, Channel 10000 (10000.0MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device	100.0 x 100.0 x 172.0		Verification Source

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	FRONT, 10.00	Validation band	CW, 0--	10000.0, 10000	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- xxxx	---Air	EUmmWV4 - SN9503_F1-55GHz, 2024-11-11	DAE4 Sn1717, 2024-04-18

Scan Setup

	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	10.0
MAIA	Y

Measurement Results

	5G Scan
Date	2025-04-07
Avg. Area [cm^2]	4.00
psPDn+ [W/m^2]	54.7
psPDtot+ [W/m^2]	54.9
psPDmod+ [W/m^2]	55.4
E_{max} [V/m]	155
Power Drift [dB]	0.02