



## SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

Report No.: SUCR241200060101  
Rev.: 01

# Appendix B

## Detailed Test Results

|                    |
|--------------------|
| 1. FM              |
| Front To Face 25mm |
| Body 0mm           |

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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Test Laboratory: SGS-SAR Lab

## 100111926 467.7125MHz Front To Face 25mm

**DUT: 100111926; Type: 16 mile Walkie Talkie;**

Communication System: UID 0, CW (0); Frequency: 467.712 MHz; Duty Cycle: 1:1

Medium: HSL450; Medium parameters used:  $f = 468 \text{ MHz}$ ;  $\sigma = 0.908 \text{ S/m}$ ;  $\epsilon_r = 42.45$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(9.93, 9.93, 9.93); Calibrated: 2024/06/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (7x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) =  $0.145 \text{ W/kg}$

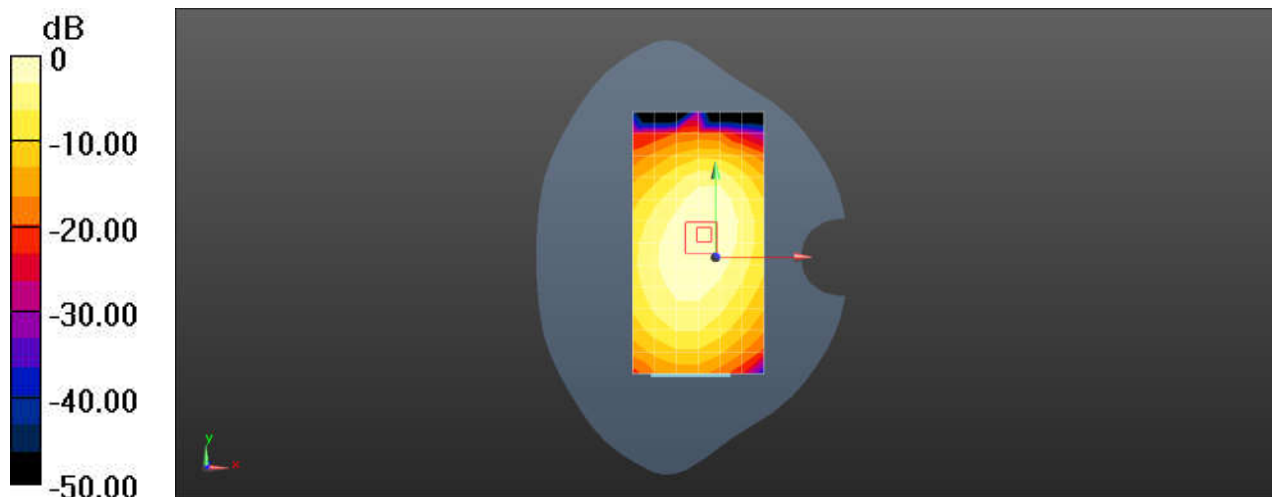
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $12.59 \text{ V/m}$ ; Power Drift =  $-0.06 \text{ dB}$

Peak SAR (extrapolated) =  $0.172 \text{ W/kg}$

**SAR(1 g) =  $0.108 \text{ W/kg}$ ; SAR(10 g) =  $0.074 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.146 \text{ W/kg}$



0 dB =  $0.145 \text{ W/kg}$  =  $-8.38 \text{ dBW/kg}$

Test Laboratory: SGS-SAR Lab

## 100111926 467.7125MHz Back side with Belt clip 0mm

**DUT: 100111926; Type: 16 mile Walkie Talkie;**

Communication System: UID 0, CW (0); Frequency: 467.712 MHz; Duty Cycle: 1:1

Medium: HSL450; Medium parameters used:  $f = 468 \text{ MHz}$ ;  $\sigma = 0.908 \text{ S/m}$ ;  $\epsilon_r = 42.45$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(9.93, 9.93, 9.93); Calibrated: 2024/06/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (7x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) =  $0.443 \text{ W/kg}$

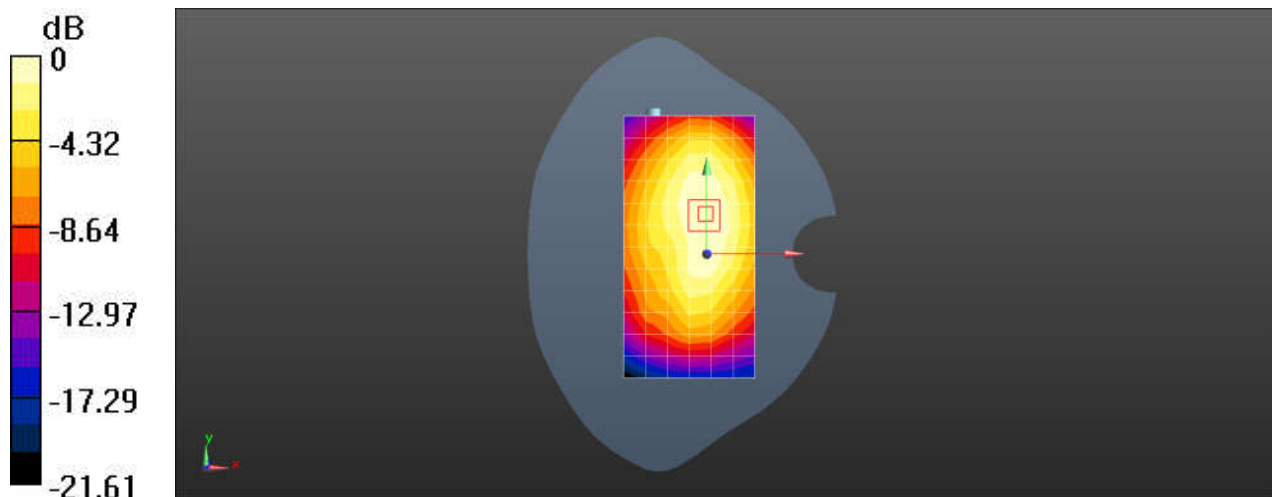
**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $17.84 \text{ V/m}$ ; Power Drift =  $-0.07 \text{ dB}$

Peak SAR (extrapolated) =  $0.516 \text{ W/kg}$

**SAR(1 g) =  $0.351 \text{ W/kg}$ ; SAR(10 g) =  $0.246 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.455 \text{ W/kg}$



0 dB =  $0.443 \text{ W/kg} = -3.54 \text{ dBW/kg}$