



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

Report No.: SUCR241200060301
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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

100070695 462.55MHz Front To Face 25mm

DUT: 100070695; Type: Walkie Talkie;

Communication System: UID 0, CW (0); Frequency: 462.55 MHz; Duty Cycle: 1:1

Medium: HSL450; Medium parameters used: $f = 463 \text{ MHz}$; $\sigma = 0.904 \text{ S/m}$; $\epsilon_r = 42.549$; $\rho = 1000 \text{ kg/m}^3$

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) = 0.861 W/kg

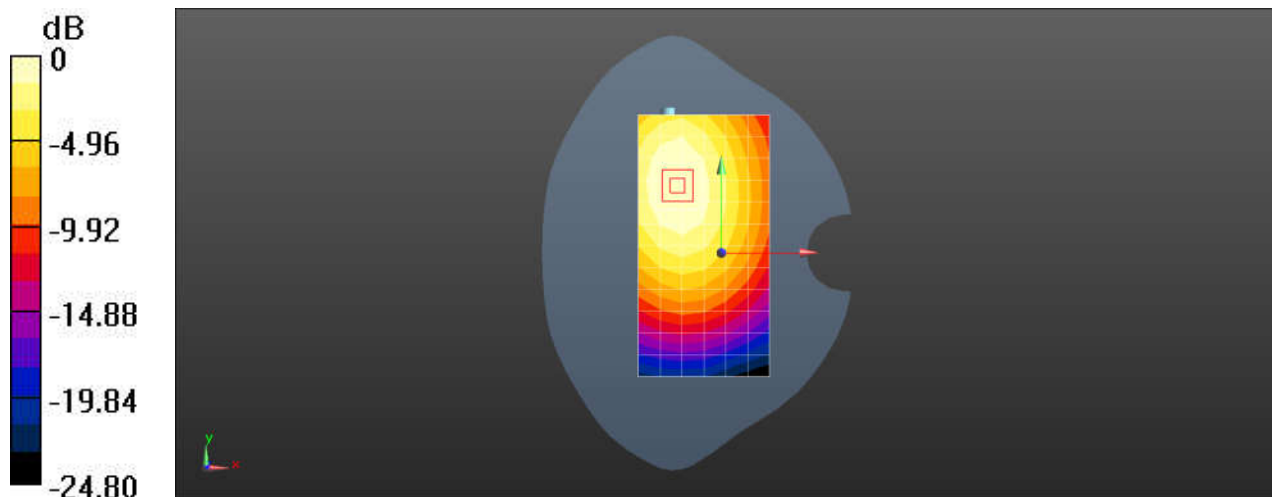
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 23.64 V/m ; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.974 W/kg

SAR(1 g) = 0.667 W/kg ; SAR(10 g) = 0.486 W/kg

Maximum value of SAR (measured) = 0.866 W/kg



$0 \text{ dB} = 0.861 \text{ W/kg} = -0.65 \text{ dBW/kg}$

Test Laboratory: SGS-SAR Lab

100070695 462.55MHz Back side with Belt clip 0mm

DUT: 100070695; Type: Walkie Talkie;

Communication System: UID 0, CW (0); Frequency: 462.55 MHz; Duty Cycle: 1:1

Medium: HSL450; Medium parameters used: $f = 463 \text{ MHz}$; $\sigma = 0.904 \text{ S/m}$; $\epsilon_r = 42.549$; $\rho = 1000 \text{ kg/m}^3$

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) = 1.54 W/kg

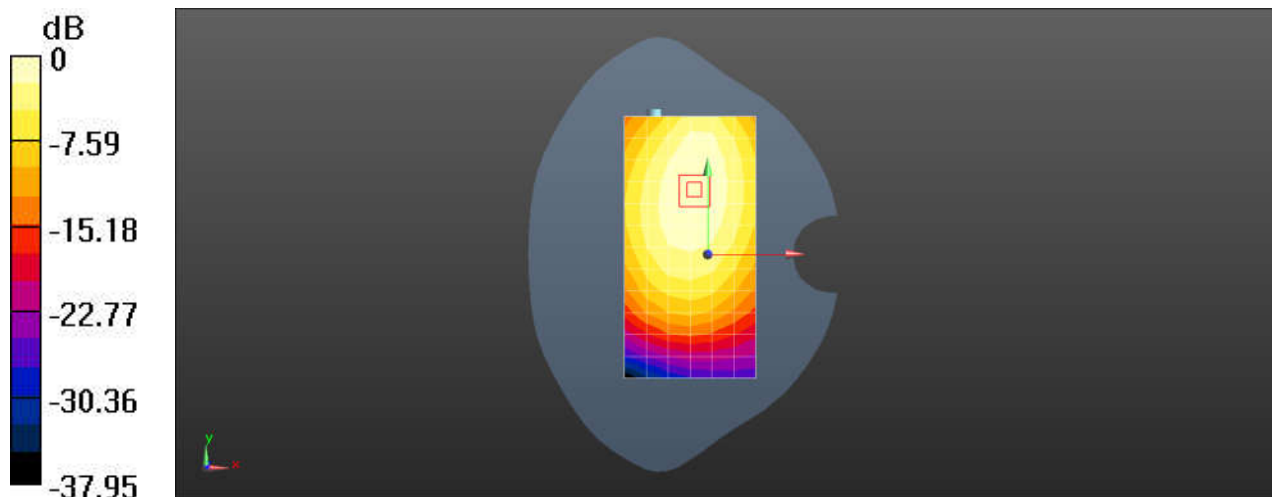
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 30.95 V/m ; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 1.21 W/kg ; SAR(10 g) = 0.863 W/kg

Maximum value of SAR (measured) = 1.56 W/kg



0 dB = $1.54 \text{ W/kg} = 1.89 \text{ dBW/kg}$