



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

Report No.: SUCR241200060201
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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SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
Wireless Laboratory

South of No. 6 Plant, No. 1, RunSheng Road, Suzhou Industrial Park,
Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000

t (86-512) 6229 2980
www.sgsgroup.com.cn

Test Laboratory: SGS-SAR Lab

100111927 UHF 462.55MHz Front To Face 25mm

DUT: 100111927; Type: 23 mile 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) = 1.32 W/kg

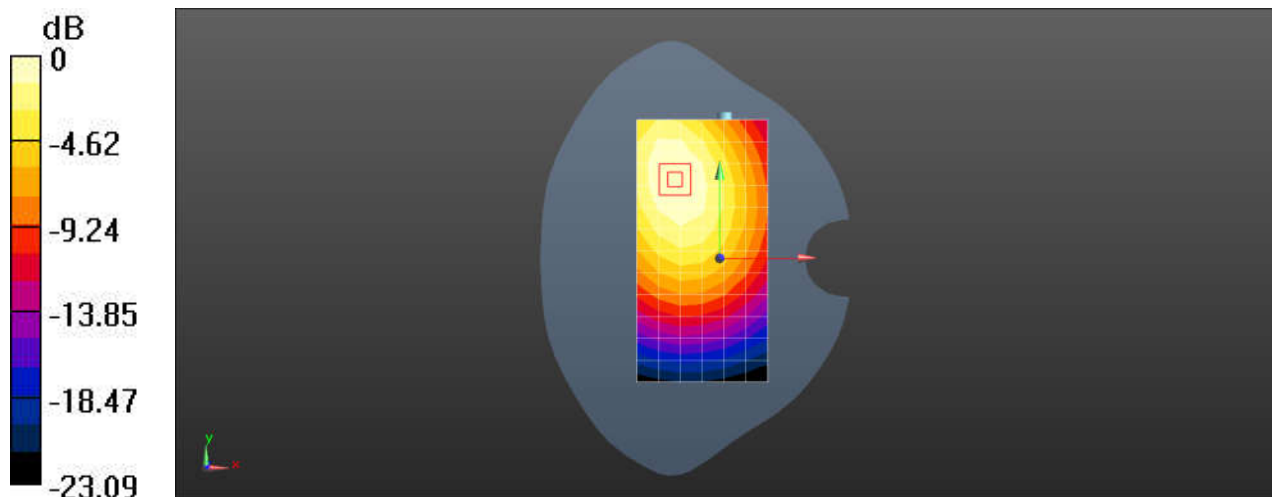
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.70 V/m ; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.987 W/kg ; SAR(10 g) = 0.700 W/kg

Maximum value of SAR (measured) = 1.26 W/kg



Test Laboratory: SGS-SAR Lab

100111927 UHF 462.55MHz Back side with Belt clip 0mm

DUT: 100111927; Type: 23 mile 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) = 1.60 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 = 34.77 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 1.23 W/kg ; SAR(10 g) = 0.902 W/kg

Maximum value of SAR (measured) = 1.60 W/kg

