



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

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Appendix B
Detailed Test Results

1. Bluetooth
Bluetooth for Body 5mm

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Test Laboratory: SGS-SAR Lab

XFVI-D95 Bluetooth DH5 78CH Horizontal-Up 5mm

DUT: XFVI-D95; Type: USB Dongle;

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.731

Medium: HSL2450; Medium parameters used: $f = 2480$ MHz; $\sigma = 1.841$ S/m; $\epsilon_r = 38.643$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.18, 7.18, 7.18); Calibrated: 2024/03/04
- 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: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.140 W/kg

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

Reference Value = 8.945 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.263 W/kg

SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.029 W/kg

Maximum value of SAR (measured) = 0.178 W/kg

