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Appendix B

Detailed Test Results

1. WIFI
WIFI 5G

Test Laboratory: SGS-SAR Lab

Wi-Fi 5G 802.11ac VHT80 Ch155 Right side 0mm

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5775 MHz;Duty Cycle: 1:1.031

Medium: HSL5G;Medium parameters used: $f = 5755$ MHz; $\sigma = 5.329$ S/m; $\epsilon_r = 35.93$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(5.1, 5.1, 5.1); Calibrated: 2026/01/12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2025/09/08
- Phantom: SAM 8; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (15x16x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 27.3 W/kg

Configuration/Scan/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.431 V/m; Power Drift = -0.03 dB

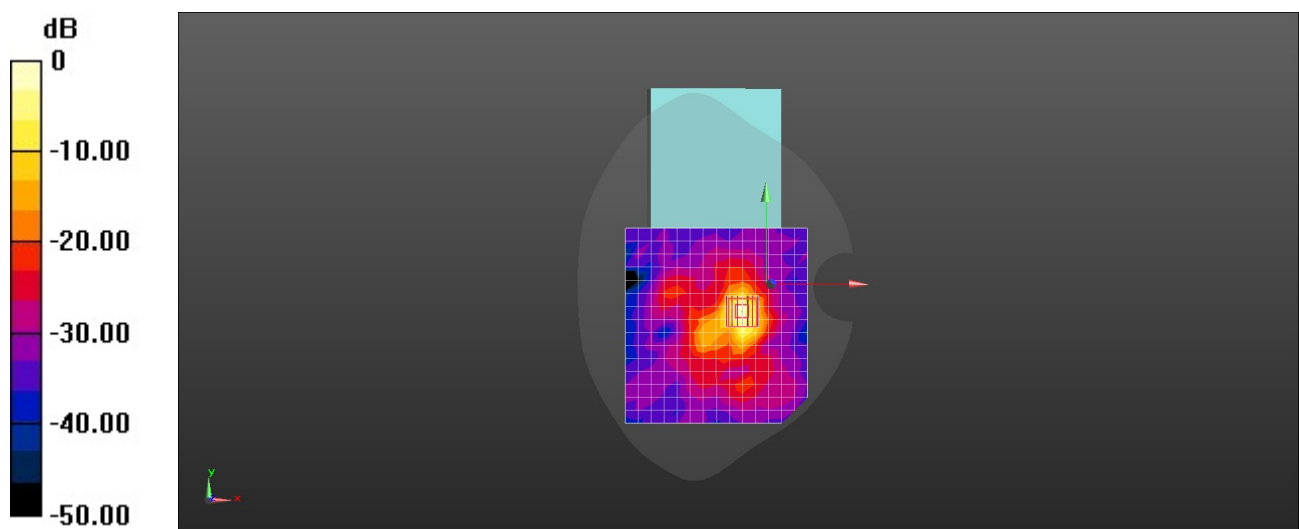
Peak SAR (extrapolated) = 55.7 W/kg

SAR(1 g) = 12.2 W/kg; SAR(10 g) = 3.443 W/kg

Smallest distance from peaks to all points 3 dB below = 5.6 mm

Ratio of SAR at M2 to SAR at M1 = 63.4%

Maximum value of SAR (measured) = 33.1 W/kg



0 dB = 33.1 W/kg = 15.20 dBW/kg



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