



Appendix B

Detailed Test Results

1.	WIFI
	WIFI 2.4G
	WIFI 5G
2.	BT
	BT

Test Laboratory: SGS-SAR Lab

RG630C WIFI2.4G 802.11b 1CH Top side 0mm

DUT: RG630C; Type: RG Series OGI Handheld Camera;

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2412 MHz;Duty Cycle: 1:1.017

Medium: HSL2450;Medium parameters used: $f = 2412$ MHz; $\sigma = 1.728$ S/m; $\epsilon_r = 40.278$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(6.91, 7.19, 7.06); Calibrated: 2025/01/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/02/17
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1239
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (16x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.12 W/kg

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

Reference Value = 1.631 V/m; Power Drift = 0.17 dB

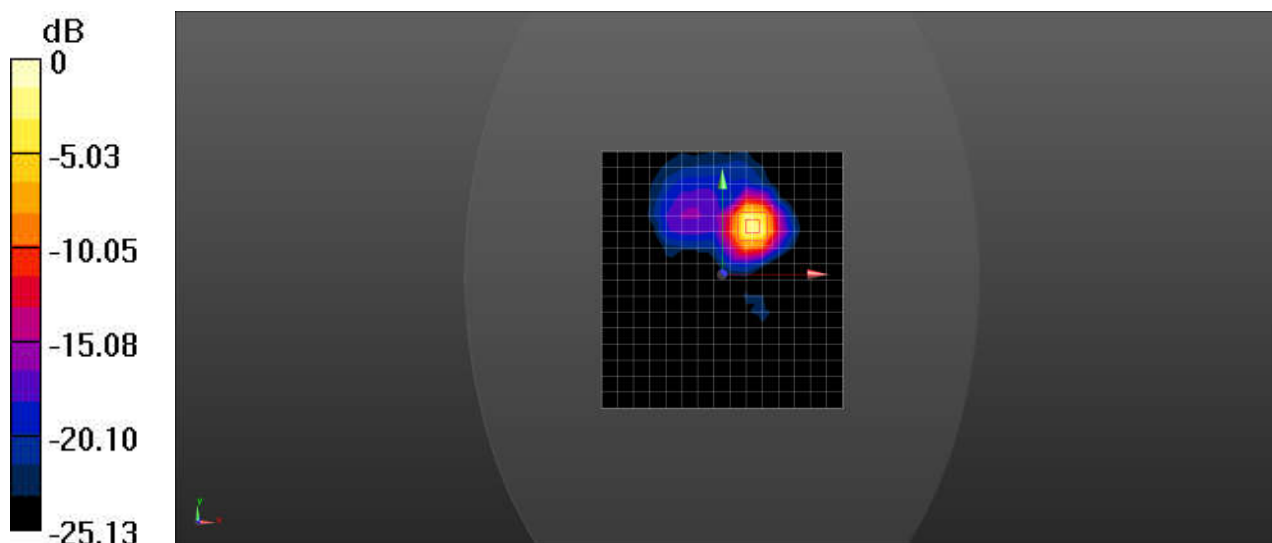
Peak SAR (extrapolated) = 2.19 W/kg

SAR(1 g) = 0.951 W/kg; SAR(10 g) = 0.383 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 45.1%

Maximum value of SAR (measured) = 1.72 W/kg



Test Laboratory: SGS-SAR Lab

RG630C WIFI5G 802.11a 60CH Top side 0mm

DUT: RG630C; Type: RG Series OGI Handheld Camera;

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5300 MHz; Duty Cycle: 1:1.008

Medium: HSL5G; Medium parameters used: $f = 5300$ MHz; $\sigma = 4.761$ S/m; $\epsilon_r = 35.504$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(5.39, 5.61, 5.51); Calibrated: 2025/01/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/02/17
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1239
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (19x21x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.93 W/kg

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

Reference Value = 0 V/m; Power Drift = 0.09 dB

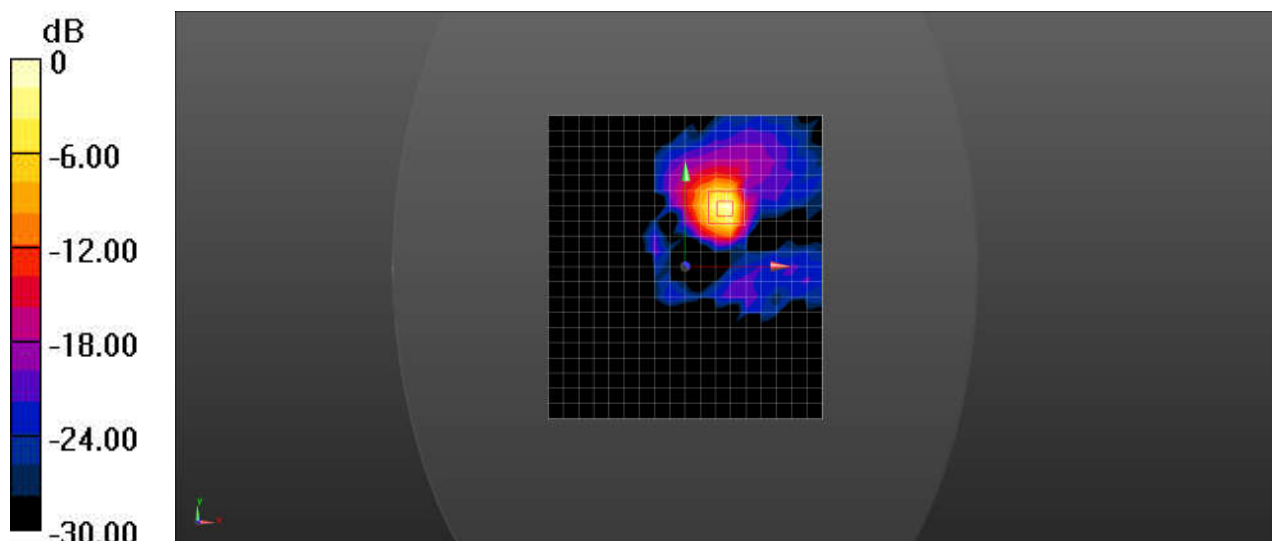
Peak SAR (extrapolated) = 5.69 W/kg

SAR(1 g) = 1.42 W/kg; SAR(10 g) = 0.400 W/kg

Smallest distance from peaks to all points 3 dB below = 6.6 mm

Ratio of SAR at M2 to SAR at M1 = 64.7%

Maximum value of SAR (measured) = 3.53 W/kg



Test Laboratory: SGS-SAR Lab

RG630C Bluetooth DH5 39CH Top side 0mm

DUT: RG630C; Type: RG Series OGI Handheld Camera;

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.297

Medium: HSL2450; Medium parameters used: $f = 2441$ MHz; $\sigma = 1.761$ S/m; $\epsilon_r = 40.221$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(6.91, 7.19, 7.06); Calibrated: 2025/01/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1740; Calibrated: 2025/02/17
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 Ax; Serial: 1239
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (16x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.701 W/kg

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

Reference Value = 0.6880 V/m; Power Drift = 0.06 dB

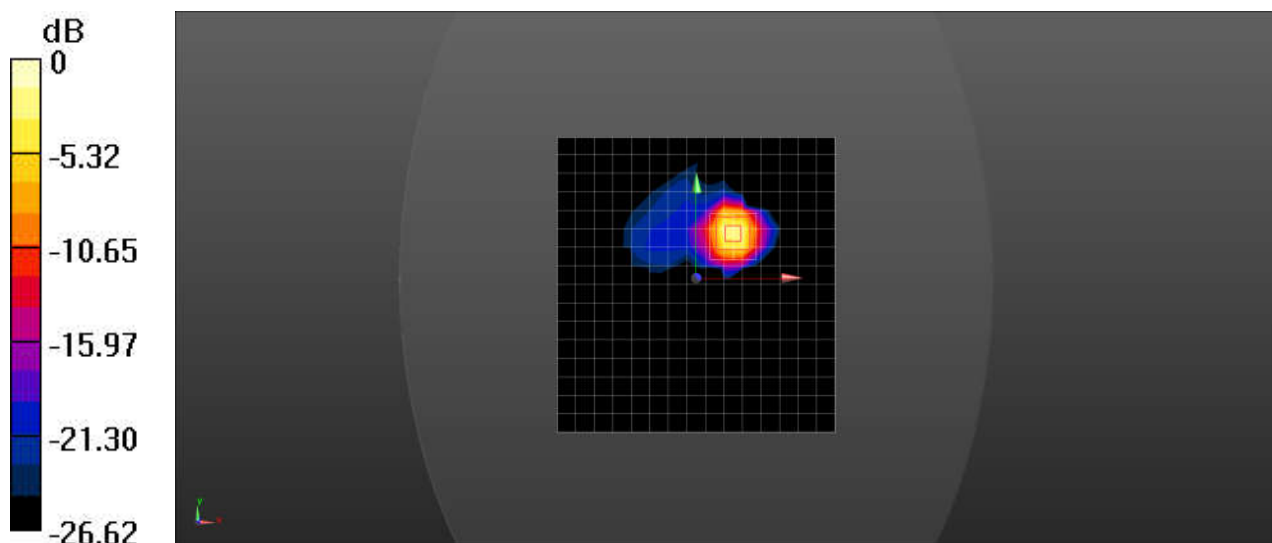
Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.608 W/kg; SAR(10 g) = 0.236 W/kg

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 44%

Maximum value of SAR (measured) = 1.11 W/kg





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