



Appendix B

Detailed Test Results

1.WIFI
WIFI2.4GHz for Body

Test Laboratory: SGS-SAR Lab

YPA-2100 WiFi2.4G 802.11b 6CH Back side 0mm

DUT: YPA-2100; Type: Digital Refractor; Serial: NA

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: HSL2450;Medium parameters used: $f = 2437$ MHz; $\sigma = 1.788$ S/m; $\epsilon_r = 40.72$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(6.98, 6.98, 6.98); Calibrated: 2019-06-19;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2019-09-18
- Phantom: ELI v5.0; Type: ELI; Serial: 1123
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x8x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0361 W/kg

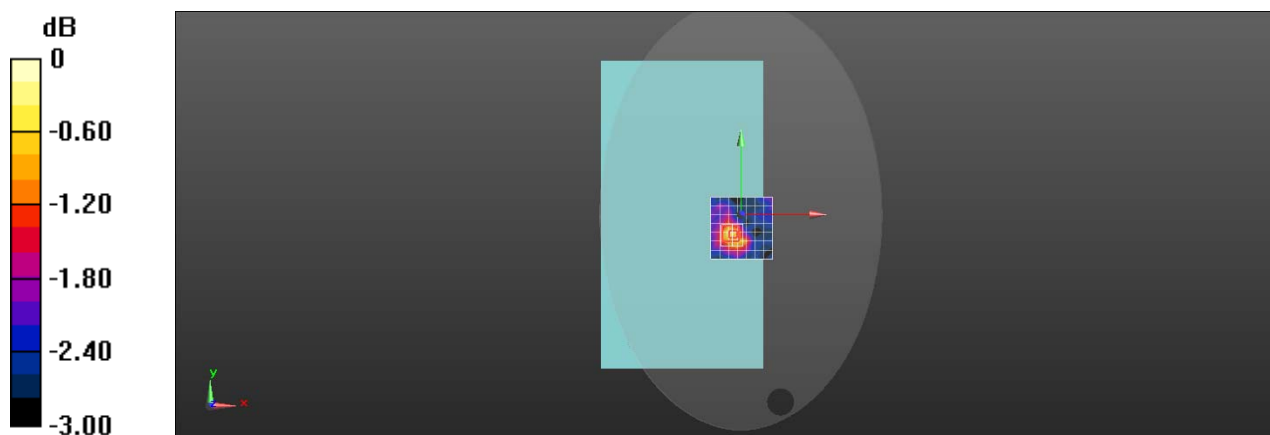
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.769 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.0460 W/kg

SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.029 W/kg

Maximum value of SAR (measured) = 0.0376 W/kg



0 dB = 0.0376 W/kg = -14.25 dBW/kg