

## Appendix C

# Highest Test Plot

BW-X07HD LTE Band XII 10M QPSK 1RB0 23130CH Front side 5mm

**BW-X07HD LTE Band XII 10M QPSK 1RB0 23130CH Front side 5mm**

Communication System: UID 0, Generic LTE (0); Frequency: 711 MHz

Medium parameters used:  $f = 711$  MHz;  $\sigma = 0.937$  S/m;  $\epsilon_r = 54.877$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(10.4, 10.4, 10.4); Calibrated: 2016/12/27;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE3 Sn427; Calibrated: 2016/12/9
- Phantom: SAM v5.0; Type: QD000P40CD; Serial: TP:1805
- DASY52 52.10.0(1442); SEMCAD X 14.6.10(7413)

**Configuration/Body/Area Scan (9x15x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.514 W/kg

**Configuration/Body/Zoom Scan (6x6x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 15.97 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.746 W/kg

**SAR(1 g) = 0.455 W/kg; SAR(10 g) = 0.300 W/kg**

Maximum value of SAR (measured) = 0.551 W/kg

