

Appendix C

Highest Test Plot

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

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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/m³

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

