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Refer to Document: "SAR Evaluation on 2.45 GHz Spread Spectrum Cordless Phone Model: G4010"

EMC Technologies Report No: M020404

To whom it may concern,

EMC Technologies Pty Ltd sources all of its SAR testing equipment and related calibrations from SPEAG. SPEAG has given estimations about the conversion factors at 2450MHz.

SPEAG estimates that the conversion factor for 2450MHz body would be approximately 25% lower than the calibrated conversion factor from the 1800MHz data. This would equate to a conversion factor of 4.38 for 2450MHz body factors.

Even using a conservative estimate of 50% lower conversion factor, we have the worst-case result for the belt-clip position as follows:

Original Plot

SAR PLOT 13 Title: "M020404 – Intertek – Belt Clip Position – CH#00 #2"

SAR (1g) : 0.171mW/g

SAR (10g): 0.0933mW/g

Re-Evaluated Plot with extra-conservative probe conversion factors

SAR PLOT Title: "M020404 – Intertek – Belt Clip Position – CH#00 #2 (Re evaluated)"

SAR (1g): 0.321mW/g

SAR (10g): 0.175mW/g

Even with this worst-case assessment the highest SAR value is still 5 times below the 1.6mW/g limit.

Kind Regards

A handwritten signature in black ink, appearing to read "C. Zombolas", written in a cursive style.

Chris Zombolas
Technical Director
EMC Technologies Pty Ltd



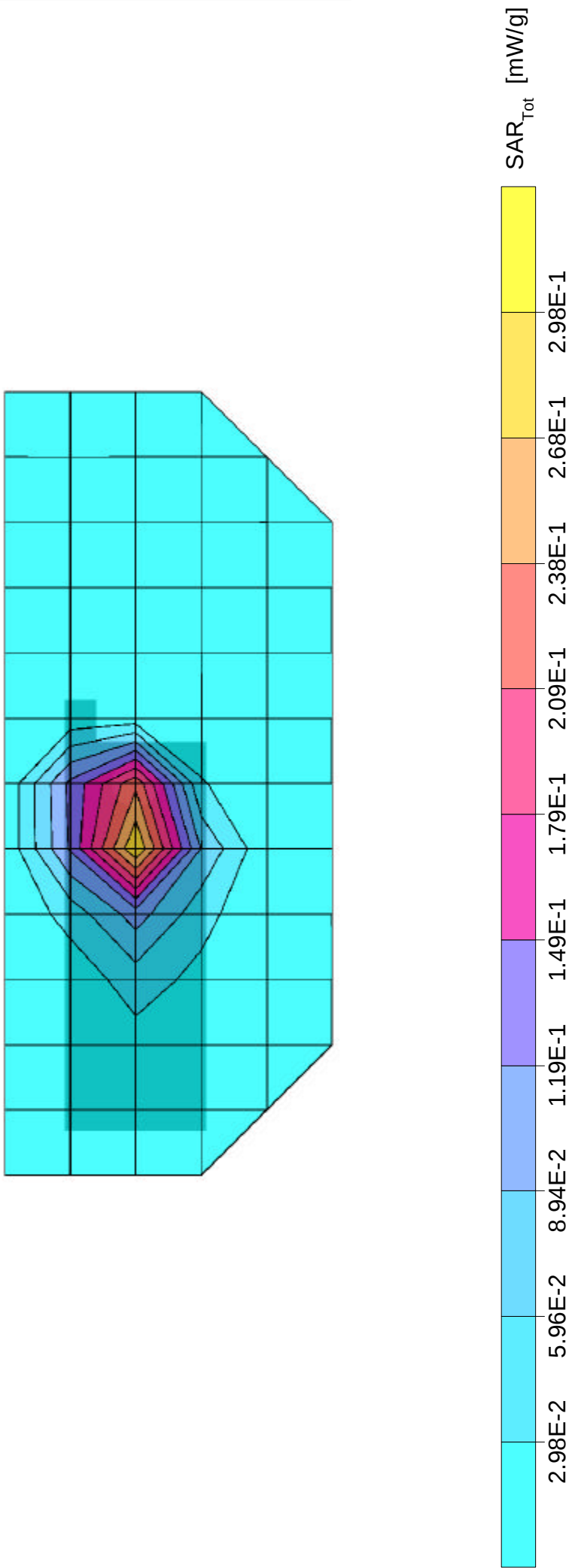
NATA Accredited
Laboratory Number: 5292

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M020404 - Intertek - Belt Clip Position - CH#00 #2 (Re evaluated)

Giant Electronics G4010

Generic Twin 2 Phantom; Flat Section; Position: (90°,90°); Frequency: 2450 MHz
Probe: ET3DV6 - SN1377; ConvF(2.92,2.92,2.92)
Crest factor: 8.0; Brain 2400 MHz: $\sigma = 1.75 \text{ mho/m}$ $\epsilon_r = 43.0$ $\rho = 1.00 \text{ g/cm}^3$
Cube 5x5x7: SAR (1g): 0.321 mW/g, (Worst-case extrapolation)
Cube 5x5x7: SAR (10g): 0.175 mW/g, (Worst-case extrapolation)
Coarse: Dx = 25.0, Dy = 25.0, Dz = 15.0
Powerdrift: 0.03 dB



Date: 23-05-02