

ATTACHMENT Q
DIPOLE VALIDATION(S)

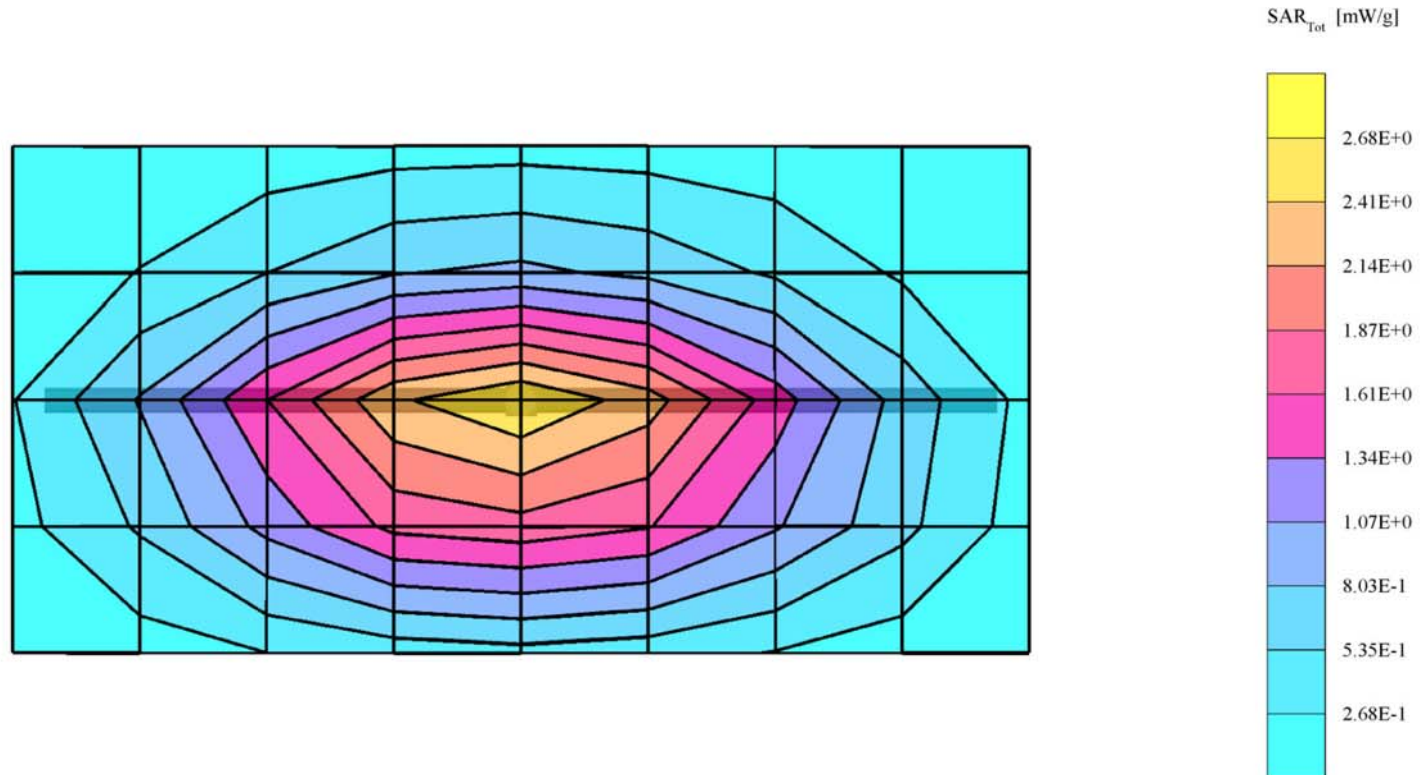
DIGITAL EMC

FCC ID : POQWTE-500

835MHz Brain Dipole Validation

SAM(835M) Phantom; Flat Section; Probe: ET3DV6 - SN1703; ConvF(6.80,6.80,6.80);
Med. parameter 835 MHz Brain: $\sigma = 0.88$ mho/m $\epsilon_r = 42.4$ $\rho = 1.00$ g/cm³; Crest factor: 1.0;
SAR (1g): 2.41 mW/g, SAR (10g): 1.52 mW/g;

Dipole validation:
for $f < 1$ GHz, distance to the liquid $d = 15$ mm
for $f > 1$ GHz, distance to the liquid $d = 10$ mm



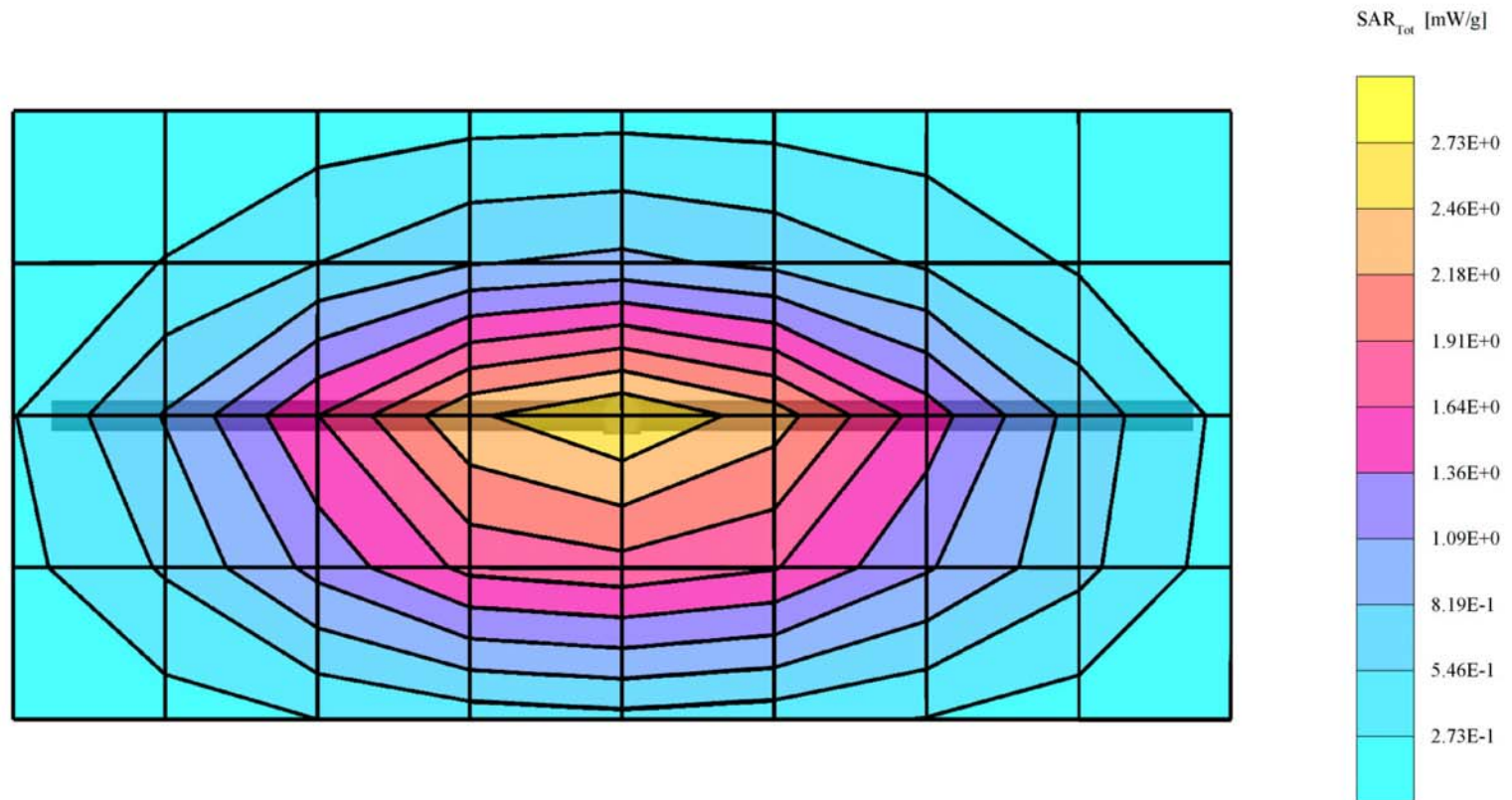
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835MHz Brain Dipole Validation

SAM(835M) Phantom; Flat Section; Probe: ET3DV6 - SN1703; ConvF(6.80,6.80,6.80);
Med. parameter 835 MHz Brain: $\sigma = 0.90$ mho/m $\epsilon_r = 42.4$ $\rho = 1.00$ g/cm³; Crest factor: 1.0;
SAR (1g): 2.46 mW/g, SAR (10g): 1.55 mW/g

Dipole validation:
for $f < 1$ GHz, distance to the liquid $d = 15$ mm
for $f > 1$ GHz, distance to the liquid $d = 10$ mm



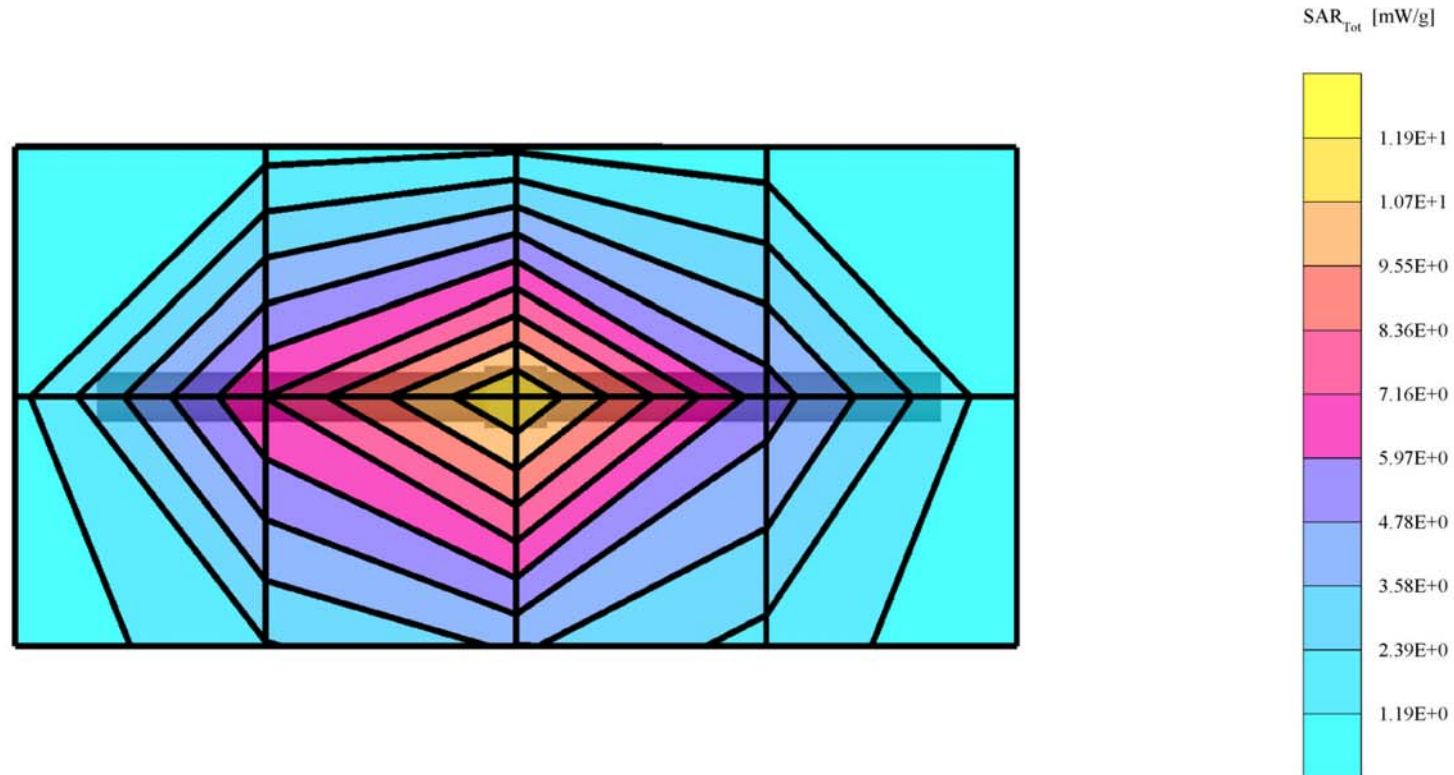
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FCC ID : POQWTE-500

1900MHz Brain Dipole Validation

SAM(1900M) Phantom; Flat Section; Probe: ET3DV6 - SN1703; ConvF(5.40,5.40,5.40);
Med. parameter 1900 MHz Brain: $\sigma = 1.44$ mho/m $\epsilon_r = 38.1$ $\rho = 1.00$ g/cm³; Crest factor: 1.0;
SAR (1g): 10.2 mW/g, SAR (10g): 5.01 mW/g;

Dipole validation:
for $f < 1$ GHz, distance to the liquid $d = 15$ mm
for $f > 1$ GHz, distance to the liquid $d = 10$ mm



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