ATTACHMENT C – DIPOLE VALIDATION

■ Validation Data (2450MHz Head)

Test Laboratory: HCT

2450 Dipole Validation test: Input power(1W)
Liquid Temperature : 21.8℃
Date Tested : August 10, 2006

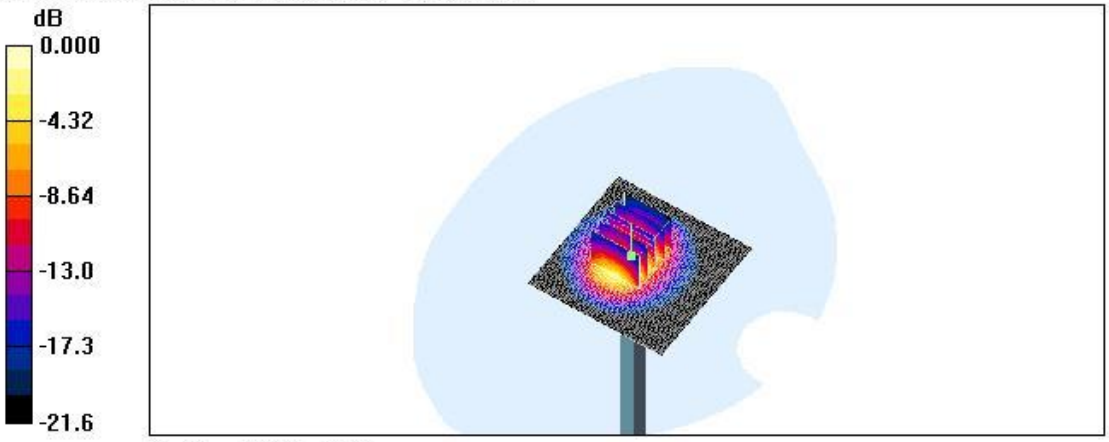
DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:743
Program Name: Validation 2450 MHz

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.88 mho/m; ε_r = 38.5; ρ = 1000 kg/m^3
Phantom section: Flat Section ;Measurement SW: DASY4, V4.6 Build 23

DASY4 Configuration:
- Probe: ET3DV6 - SN1609; ConvF(4.5, 4.5, 4.5); Calibrated: 2006-03-23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn447; Calibrated: 2005-11-30
- Phantom: SAM 1800/1900 MHz; Type: SAM

Validation 2450MHz/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 67.9 mW/g

Validation 2450MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 182.5 V/m; Power Drift = -0.133 dB
Peak SAR (extrapolated) = 113.4 W/kg
SAR(1 g) = 53 mW/g; SAR(10 g) = 25.1 mW/g
Maximum value of SAR (measured) = 58.4 mW/g



0 dB = 58.4mW/g

■ Dielectric Parameter (2450MHz Head)

Frequency	e'	e''
2.400000000 GHz	38.7645	13.7119
2.405000000 GHz	38.7595	13.7279
2.410000000 GHz	38.7316	13.7125
2.415000000 GHz	38.7017	13.7045
2.420000000 GHz	38.6795	13.7125
2.425000000 GHz	38.6438	13.7373
2.430000000 GHz	38.6359	13.7587
2.435000000 GHz	38.6369	13.7838
2.440000000 GHz	38.5916	13.8029
2.445000000 GHz	38.5662	13.8223
2.450000000 GHz	38.5462	13.8345
2.455000000 GHz	38.5122	13.8529
2.460000000 GHz	38.4950	13.8713
2.465000000 GHz	38.4638	13.9124
2.470000000 GHz	38.4810	13.9381
2.475000000 GHz	38.4434	13.9544
2.480000000 GHz	38.4064	13.9841
2.485000000 GHz	38.3896	14.0080
2.490000000 GHz	38.3666	14.0178
2.495000000 GHz	38.3631	14.0306
2.500000000 GHz	38.3485	14.0529

■ Dielectric Parameter (2450MHz Body)

Title : 2450MHz (Body)

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Frequency	e'	e''
2.400000000 GHz	51.1497	14.4204
2.405000000 GHz	51.1078	14.3888
2.410000000 GHz	51.0919	14.3481
2.415000000 GHz	51.0401	14.3804
2.420000000 GHz	51.0105	14.4006
2.425000000 GHz	50.9683	14.4401
2.430000000 GHz	50.9570	14.4566
2.435000000 GHz	50.9059	14.5002
2.440000000 GHz	50.9033	14.4991
2.445000000 GHz	50.8539	14.5375
2.450000000 GHz	50.8461	14.5615
2.455000000 GHz	50.8220	14.5839
2.460000000 GHz	50.8001	14.6257
2.465000000 GHz	50.7877	14.6450
2.470000000 GHz	50.7889	14.6512
2.475000000 GHz	50.7774	14.6587
2.480000000 GHz	50.7577	14.7097
2.485000000 GHz	50.7350	14.7314
2.490000000 GHz	50.7547	14.7482
2.495000000 GHz	50.7537	14.7541
2.500000000 GHz	50.7628	14.8030