

Interim Dipole Correlation Certificate

FCD-0359, Rev.001

Dipole Serial Number: **095** Last Calibration Date: **3-Jan-01**
Dipole Type (MHz): **900 MHz** Calibration Due: **3-Jan-03**
Manufacturer: **SPEAG**

-Manufacturer's Original Calibration Information-

Dipole to be correlated: [Serial Number: 095]

1g SAR normalized to 1W forward power (mW/g):	10.24 mW/g
Relative Dielectric:	40.6
Conductivity:	0.95
Probe Serial Number:	SN 1307
Forward Power:	230mW +/- 3%

Primary Dipole Referenced: [Serial Number: 077]

1g SAR normalized to 1W forward power (mW/g):	11.4 mW/g
Relative Dielectric:	40.3
Conductivity:	0.95
Probe Serial Number:	SN 1307
Forward Power:	230mW +/- 3%

-Correlation Method Utilized- per DOI-1265

(select one)

By Similarity:

By Transfer Calibration:

-Measured Data-

Probe S/N: **SN 1315** Conductivity (meas.): **0.97**
Robot Cell #: **BVD 08** Permittivity (meas.): **42.5**

Primary Standard (average of 0-degree & 90-degree 1g cubes):

2.873 mW/g	N/R	N/R
(if required)	(if required)	(if required)

Secondary Standard (average of 0-degree & 90-degree 1g cubes):

2.88 mW/g	N/R	N/R
(if required)	(if required)	(if required)

-NEW Correlated Target-

1g SAR normalized to 1W forward power (mW/g):	11.4 mW/g
Relative Dielectric:	40.3
Conductivity:	0.95

Approved by: Antonio Feneane

Date: 11/13/2001

Comments:

Secondary dipole measured -1.2% from primary dipole.

Interim Dipole Correlation Certificate

FCD-0359, Rev.001

Dipole Serial Number:	277(TR)	Last Calibration Date:	4-Jan-01
Dipole Type (MHz):	D180V2 w/ Teflon Rings	Calibration Due:	4-Jan-03
		Manufacturer:	SPEAG

-Manufacturer's Original Calibration Information-

Dipole to be correlated: [Serial Number: 277(TR)]

1g SAR normalized to 1W forward power (mW/g):	45.2mW/g
Relative Dielectric:	40.0
Conductivity:	1.71
Probe Serial Number:	1507
Forward Power:	250mW

Primary Dipole Referenced: [Serial Number: 246(TR)]

1g SAR normalized to 1W forward power (mW/g):	38.8 mW/g
Relative Dielectric:	39.6
Conductivity:	1.37
Probe Serial Number:	1507
Forward Power:	250 mW

-Correlation Method Utilized- per DOI-1265

(select one)

By Similarity: By Transfer Calibration:

-Measured Data-

Probe S/N: 1375 Conductivity (meas.): 1.38
Robot Cell #: BVD-4 Permittivity (meas.): 38.4

Primary Standard (average of 0-degree & 90-degree 1g cubes):

9.819 mW/g (if required) (if required)

Secondary Standard (average of 0-degree & 90-degree 1g cubes):

9.665 mW/g (if required) (if required)

-NEW Correlated Target-

1g SAR normalized to 1W forward power (mW/g):	38.8 mW/g
Relative Dielectric:	39.6
Conductivity:	1.37

Approved by: *Antonia Ferencik* Date: 3/8/02

Comments: Secondary dipole measured +1.5 % from primary dipole.