

Interim Dipole Correlation Certificate

FCD-0359, Rev.001

Dipole Serial Number:

079

Last Calibration Date:

26-Oct-00

Dipole Type (MHz):

900 MHz

Calibration Due:

26-Oct-02

Manufacturer:

SPEAG

-Manufacturer's Original Calibration Information-

Dipole to be correlated: [Serial Number: 079]

1g SAR normalized to 1W forward power (mW/g):	10.2 mW/g
Relative Dielectric:	40.0
Conductivity:	0.85
Probe Serial Number:	SN 1507
Forward Power:	250mW +/-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 1507
Forward Power:	250mW +/-3%

-Correlation Method Utilized- per DOI-1265

(select one)

By Similarity: ☒

By Transfer Calibration: ☐

-Measured Data-

Probe S/N:	SN 1515	Conductivity (meas.):	0.97
Robot Cell #:	HVD #3	Permittivity (meas.):	42.5

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

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

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

2.82 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 Ferman

Date:

11/13/2001

Comments:

Secondary dipole measured -1.9% from primary dipole.

Interim Dipole Correlation Certificate

FCD-0359, Rev.001

Dipole Serial Number:

8 094

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: 094]

1g SAR normalized to 1W forward power (mW/g):	10.24 mW/g
Relative Dielectric:	40.6
Conductivity:	0.85
Probe Serial Number:	SN 1507
Forward Power:	250mW +/- 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 1507
Forward Power:	250mW +/- 3%

-Correlation Method Utilized- per DOI-1265

(select one)

By Similarity:



By Transfer Calibration:



-Measured Data-

Probe S/N:

SN 1515

Conductivity (meas.):

0.97

Robot Cell #:

HVD #8

Permittivity (meas.):

42.5

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

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

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

2.81 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:

Ant 20 Ferene

Date:

11/13/2001

Comments:

Secondary dipole measured -2.3% from primary dipole.

Interim Dipole Correlation Certificate

FCD-0359, Rev.001

Dipole Serial Number:

096

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: 096]

1g SAR normalized to 1W forward power (mW/g):	10.16 mW/g
Relative Dielectric:	40.6
Conductivity:	0.85
Probe Serial Number:	SN 1507
Forward Power:	250mW +/-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 1507
Forward Power:	250mW +/-3%

-Correlation Method Utilized- per DOI-1265

(select one)

By Similarity:



By Transfer Calibration:



-Measured Data-

Probe S/N:

SN 1515

Conductivity (meas.):

0.97

Robot Cell #:

HVD #8

Permittivity (meas.):

42.5

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

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

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

2.80 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:

Antony 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:

280(TR)

Last Calibration Date:

4-Jan-01

Dipole Type (MHz):

D1000V2 w/ Teflon
Rings

Calibration Due:

4-Jan-03

Manufacturer:

SPEAG

-Manufacturer's Original Calibration Information-

Dipole to be correlated: [Serial Number: 280(TR)]

1g SAR normalized to 1W forward power (mW/g):	44.4mW/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 #:

HVD-4

Permittivity (meas.):

38.4

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

38.8 mW/g

(if required)

(if required)

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

38.8 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 Ferone

Date:

3/8/02

Comments:

Secondary dipole measured +0.9 % from primary dipole.

Interim Dipole Correlation Certificate

FCD-0359, Rev.001

Dipole Serial Number:

281(TR)

Last Calibration Date:

4-Jan-01

Dipole Type (MHz):

DIR00V2 w/ Teflon
Rings

Calibration Due:

4-Jan-03

Manufacturer:

SPEAG

-Manufacturer's Original Calibration Information-

Dipole to be correlated: [Serial Number: 281(TR)]

1g SAR normalized to 1W forward power (mW/g):	45.2mW/g
Relative Dielectric:	40.0
Conductivity:	1.71
Probe Serial Number:	1307
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:	1307
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 #:

HVD-4

Permittivity (meas.):

38.4

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

9.515 mW/g

(if required)

(if required)

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

9.645 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:

Arthur Fenech

Date:

3/8/02

Comments:

Secondary dipole measured +1.4 % from primary dipole.

Interim Dipole Correlation Certificate

FCD-0359, Rev.001

Dipole Serial Number:

284(TR)

Last Calibration Date:

5-Jan-01

Dipole Type (MHz):

DT800V2 w/ Teflon
Rings

Calibration Due:

5-Jan-03

Manufacturer:

SPRAG

-Manufacturer's Original Calibration Information-

Dipole to be correlated: [Serial Number: 284(TR)]

1g SAR normalized to 1W forward power (mW/g):	44.4mW/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 #:

HVD-4

Permittivity (meas.):

38.4

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

2.315 mW/g

(if required)

(if required)

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

2.065 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:

Aster. Ferrell

Date:

3/8/02

Comments:

Secondary dipole measured +1.6 % from primary dipole.