

File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00031508_ZOOM.VLT
Start : 15-Mar-100 02:28:53 pm End : 15-Mar-100 02:39:15 pm

FCC ID : CKLHGC-300E
HYUNDAI Model No: HGC-300E
Serial Number : 001
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.630 W
Start Trans. Pwr: 0.630 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 51.700
Mixture Conductivity = 1.100

Comment :
HYUNDAI DUAL MODE PHONE 2 cm spacing
CHAN. 991 FM MODE FCC ID:CKLHGC-300E
CONDUCTED PWR:28.0 dBm flip mode body SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 1.500, Y = -0.500, Z = 0.000 (cm) Value = 11.899

Measured Values (volts) =
1.099E-002 9.815E-003 8.765E-003 7.547E-003 6.266E-003 5.066E-003
4.249E-003 3.692E-003 3.596E-003 3.772E-003 4.030E-003 4.193E-003
4.005E-003 3.888E-003 2.407E-003 1.668E-003 9.567E-004 6.936E-004
9.011E-004 1.431E-003 1.933E-003

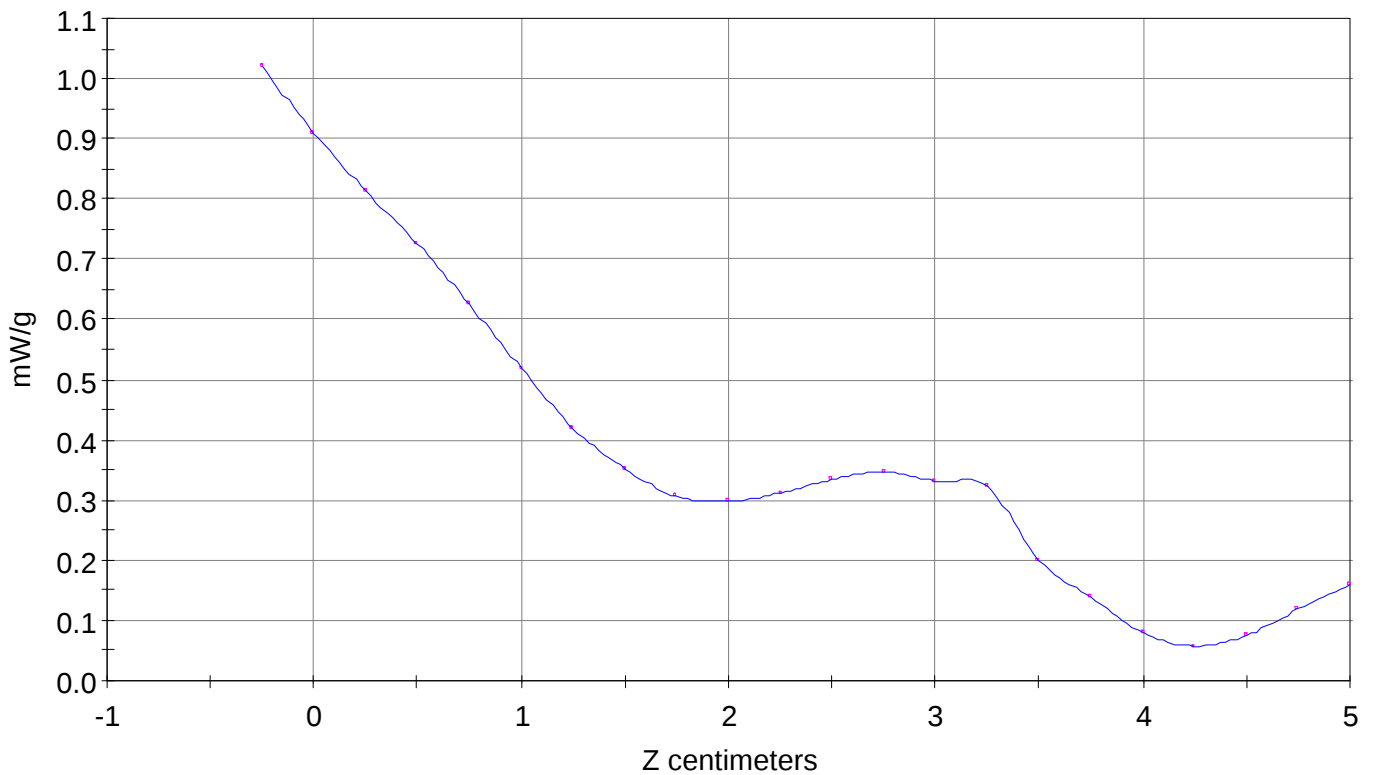
Calc. Voltage @ Surface (Vs) = 0.0123

Voltage @ 1.00 cm (Vt) = 0.0075

Ave. Voltage (Vs+Vt)/2 = 0.0099

Ave. SAR over 1 g (mW/g) = 0.8218

SAR Scan
File : 00031508_ZOOM
Start : 15-Mar-100 02:28:53 pm End : 15-Mar-100 02:39:15 pm
HYUNDAI/HGC-300E/001;824.04MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00031509_ZOOM.VLT
Start : 15-Mar-100 02:40:16 pm End : 15-Mar-100 02:51:17 pm

FCC ID : CKLHGC-300E
HYUNDAI Model No: HGC-300E
Serial Number : 001
Frequency : 824.04 MHz
Peak Trans. Pwr : 0.630 W
Start Trans. Pwr: 0.630 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 51.700
Mixture Conductivity = 1.100

Comment :
HYUNDAI DUAL MODE PHONE 2 cm spacing
CHAN. 991 FM MODE FCC ID:CKLHGC-300E
CONDUCTED PWR:28.0 dBm flip mode body SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 1.750, Y = -0.750, Z = 0.000 (cm) Value = 10.018

Measured Values (volts) =
9.812E-003 8.691E-003 7.784E-003 6.736E-003 5.664E-003 4.576E-003
3.702E-003 3.210E-003 3.169E-003 3.343E-003 3.576E-003 3.734E-003
3.584E-003 3.100E-003 2.352E-003 1.574E-003 1.019E-003 6.575E-004
7.661E-004 1.299E-003 1.772E-003

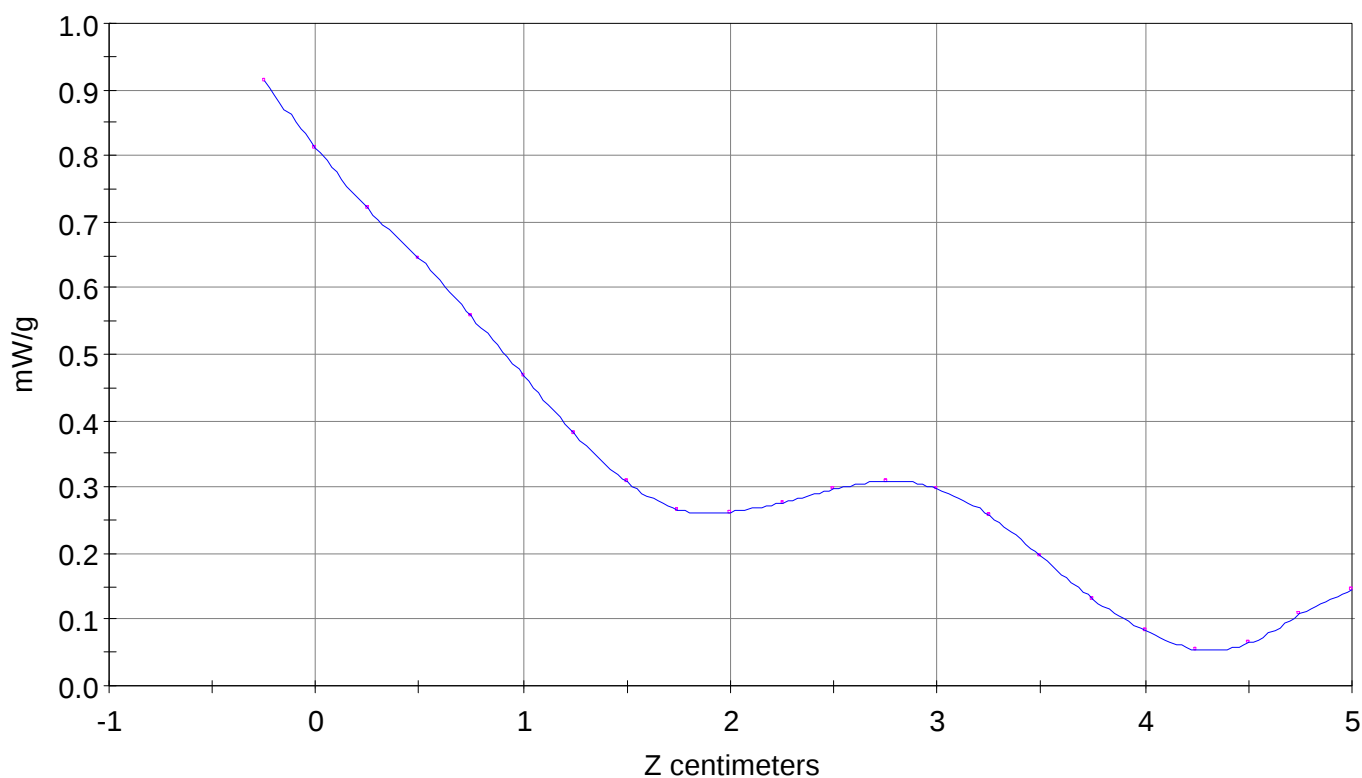
Calc. Voltage @ Surface (Vs) = 0.0110

Voltage @ 1.00 cm (Vt) = 0.0067

Ave. Voltage (Vs+Vt)/2 = 0.0089

Ave. SAR over 1 g (mW/g) = 0.7348

SAR Scan
File : 00031509_ZOOM
Start : 15-Mar-100 02:40:16 pm End : 15-Mar-100 02:51:17 pm
HYUNDAI/HGC-300E/001;824.04MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00031511_ZOOM.VLT
Start : 15-Mar-100 03:23:51 pm End : 15-Mar-100 03:32:24 pm

FCC ID : CKLHGC-300E
HYUNDAI Model No: HGC-300E
Serial Number : 001
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.630 W
Start Trans. Pwr: 0.630 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 51.700
Mixture Conductivity = 1.100

Comment :
HYUNDAI DUAL MODE PHONE 2 cm spacing
CHAN. 383 FM MODE FCC ID:CKLHGC-300E
CONDUCTED PWR:28.0 dBm flip mode body SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 2.500, Y = -0.500, Z = 0.000 (cm) Value = 14.287

Measured Values (volts) =
1.359E-002 1.237E-002 1.145E-002 1.039E-002 9.103E-003 7.703E-003
6.134E-003 4.945E-003 4.314E-003 4.137E-003 4.463E-003 4.886E-003
5.067E-003 4.844E-003 4.140E-003 3.092E-003 1.988E-003 1.217E-003
9.346E-004 1.027E-003 1.859E-003

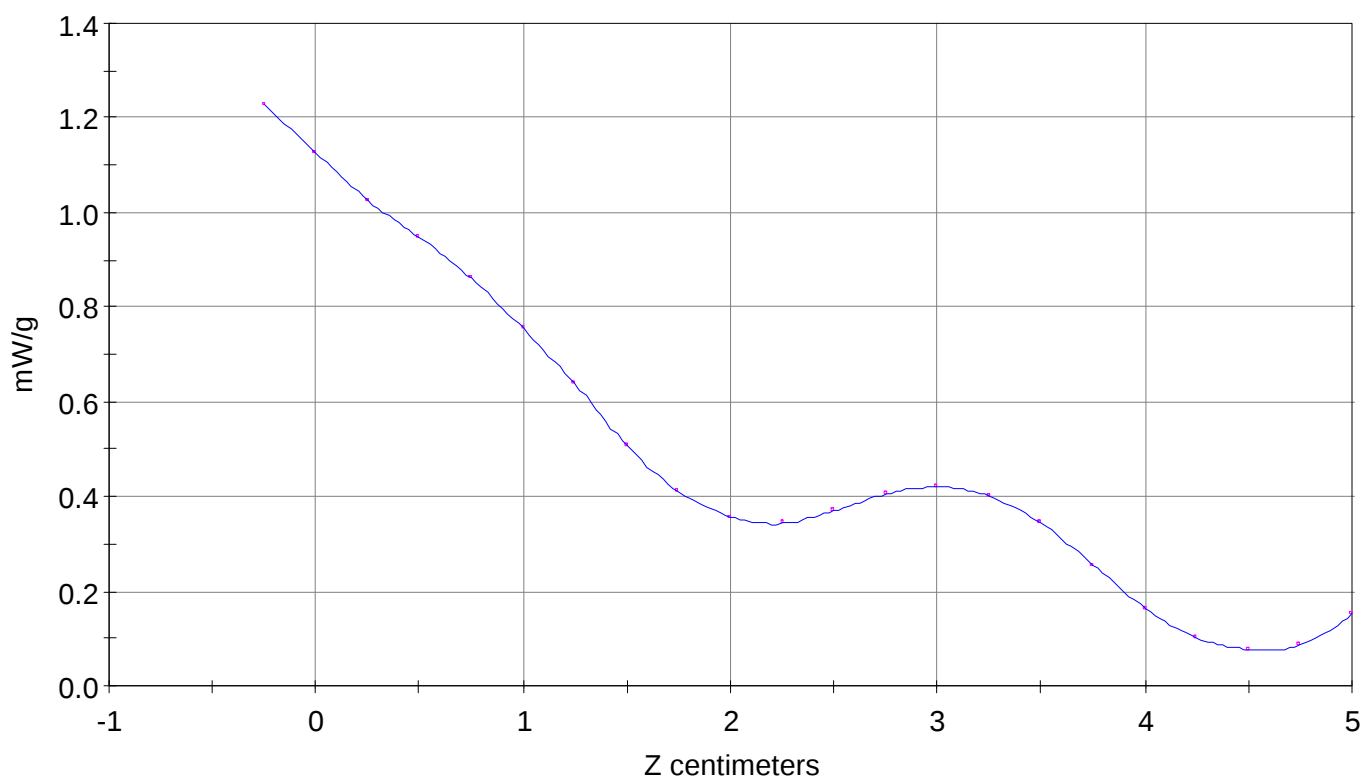
Calc. Voltage @ Surface (Vs) = 0.0148

Voltage @ 1.00 cm (Vt) = 0.0104

Ave. Voltage (Vs+Vt)/2 = 0.0126

Ave. SAR over 1 g (mW/g) = 1.0424

SAR Scan
File : 00031511_ZOOM
Start : 15-Mar-100 03:23:51 pm End : 15-Mar-100 03:32:24 pm
HYUNDAI/HGC-300E/001;836.49MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

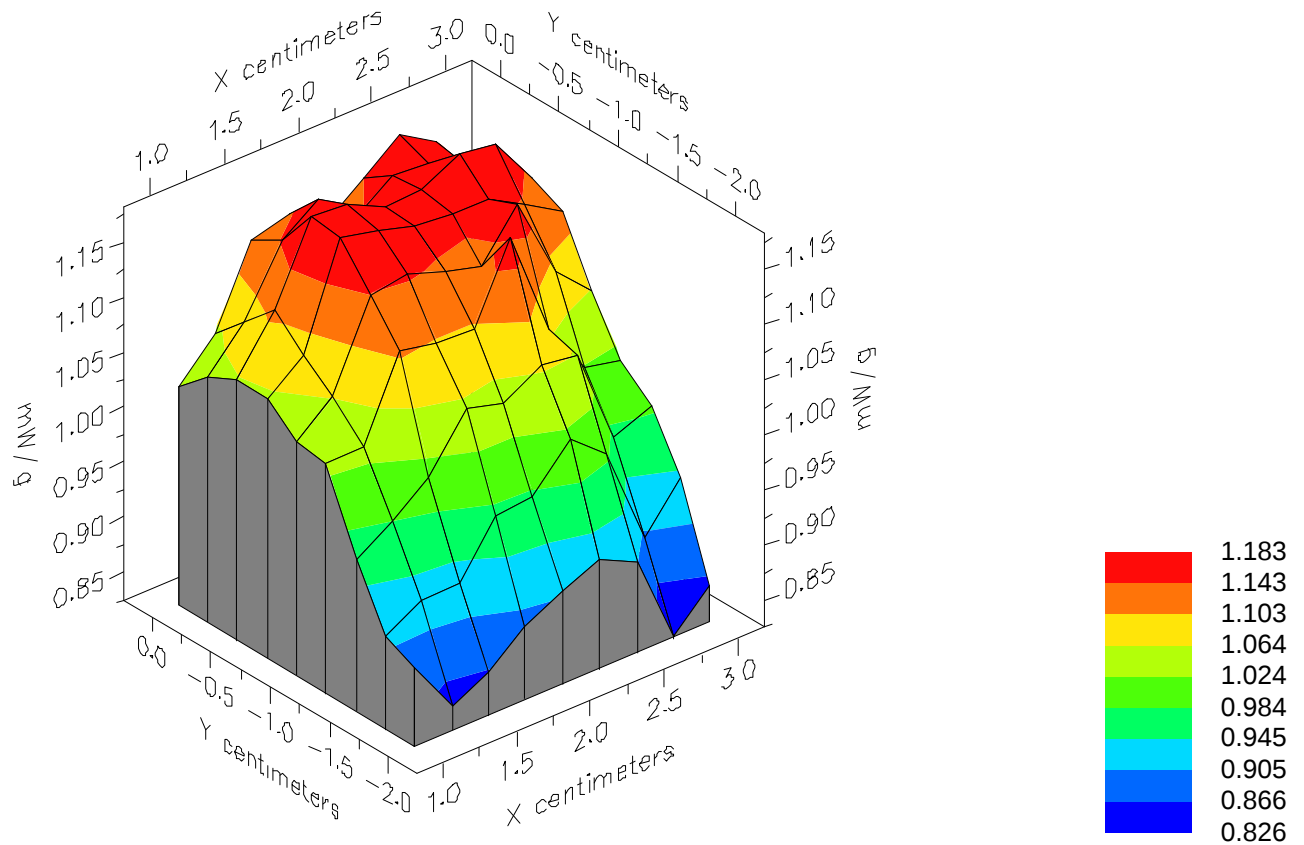


File : 00031511_ZOOM

Start : 15-Mar-100 03:23:51 pm End : 15-Mar-100 03:32:24 pm

HYUNDAI/HGC-300E/001;836.49MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

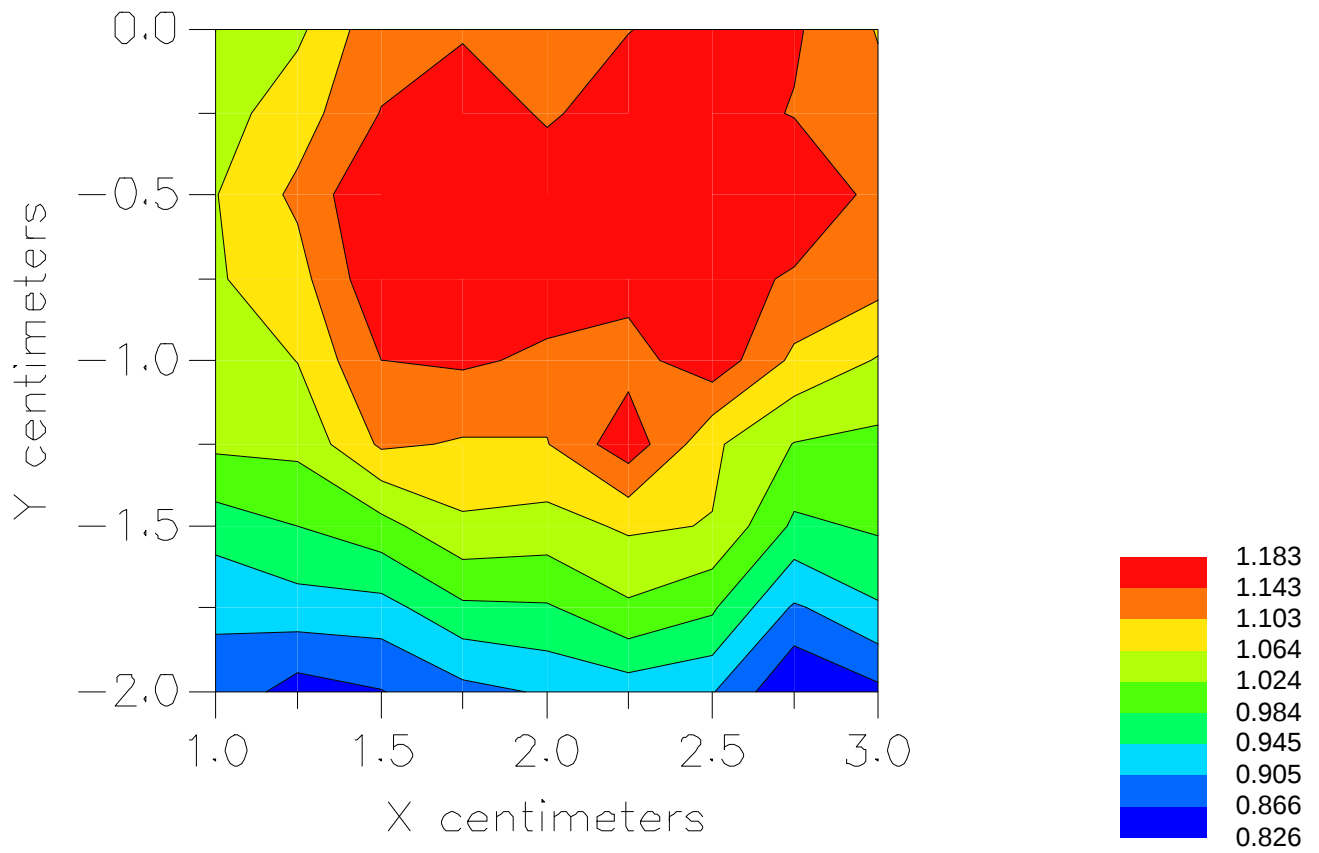


File : 00031511_ZOOM

Start : 15-Mar-100 03:23:51 pm End : 15-Mar-100 03:32:24 pm

HYUNDAI/HGC-300E/001;836.49MHz;W;Helical/In;

Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00031415_ZOOM.VLT
Start : 14-Mar-100 04:06:05 pm End : 14-Mar-100 04:11:16 pm

FCC ID : CKLHGC-300E
HYUNDAI Model No: HGC-300E
Serial Number : 001
Frequency : 836.49 MHz
Peak Trans. Pwr : 0.630 W
Start Trans. Pwr: 0.630 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 51.700
Mixture Conductivity = 1.100

Comment :
HYUNDAI DUAL MODE PHONE 2 cm spacing
CHAN. 383 FM MODE FCC ID:CKLHGC-300E
CONDUCTED PWR:28.0 dBm flip mode body SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 3.000, Y = 1.000, Z = 0.000 (cm) Value = 11.044

Measured Values (volts) =
1.099E-002 9.895E-003 9.163E-003 8.386E-003 7.623E-003 6.650E-003
5.510E-003 4.391E-003 3.514E-003 3.091E-003 3.034E-003 3.231E-003
3.511E-003 3.554E-003 3.351E-003 2.804E-003 2.081E-003 1.294E-003
7.257E-004 5.514E-004 8.188E-004

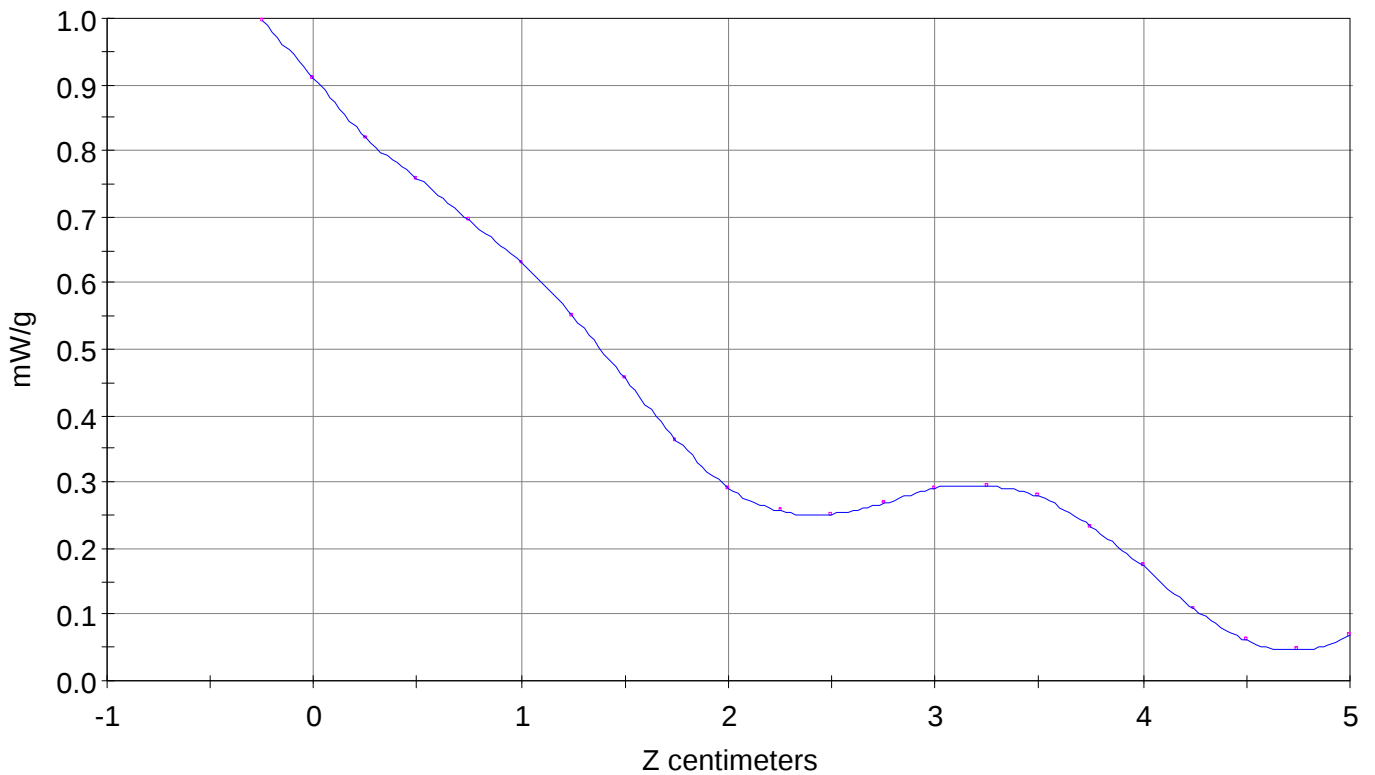
Calc. Voltage @ Surface (Vs) = 0.0120

Voltage @ 1.00 cm (Vt) = 0.0084

Ave. Voltage (Vs+Vt)/2 = 0.0102

Ave. SAR over 1 g (mW/g) = 0.8450

SAR Scan
File : 00031415_ZOOM
Start : 14-Mar-100 04:06:05 pm End : 14-Mar-100 04:11:16 pm
HYUNDAI/HGC-300E/001;836.49MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00031512_ZOOM.VLT
Start : 15-Mar-100 03:41:20 pm End : 15-Mar-100 03:48:12 pm

FCC ID : CKLHGC-300E
HYUNDAI Model No: HGC-300E
Serial Number : 001
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.630 W
Start Trans. Pwr: 0.630 W
Antenna Type : Helical
Antenna Posn. : In
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 51.700
Mixture Conductivity = 1.100

Comment :
HYUNDAI DUAL MODE PHONE 2 cm spacing
CHAN. 799 FM MODE FCC ID:CKLHGC-300E
CONDUCTED PWR:28.0 dBm flip mode body SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 2.500, Y = -0.750, Z = 0.000 (cm) Value = 10.625

Measured Values (volts) =
1.013E-002 9.109E-003 8.293E-003 7.608E-003 6.627E-003 5.523E-003
4.543E-003 3.668E-003 3.175E-003 3.048E-003 3.206E-003 3.399E-003
3.494E-003 3.325E-003 2.801E-003 2.088E-003 1.353E-003 8.159E-004
5.918E-004 8.259E-004 1.256E-003

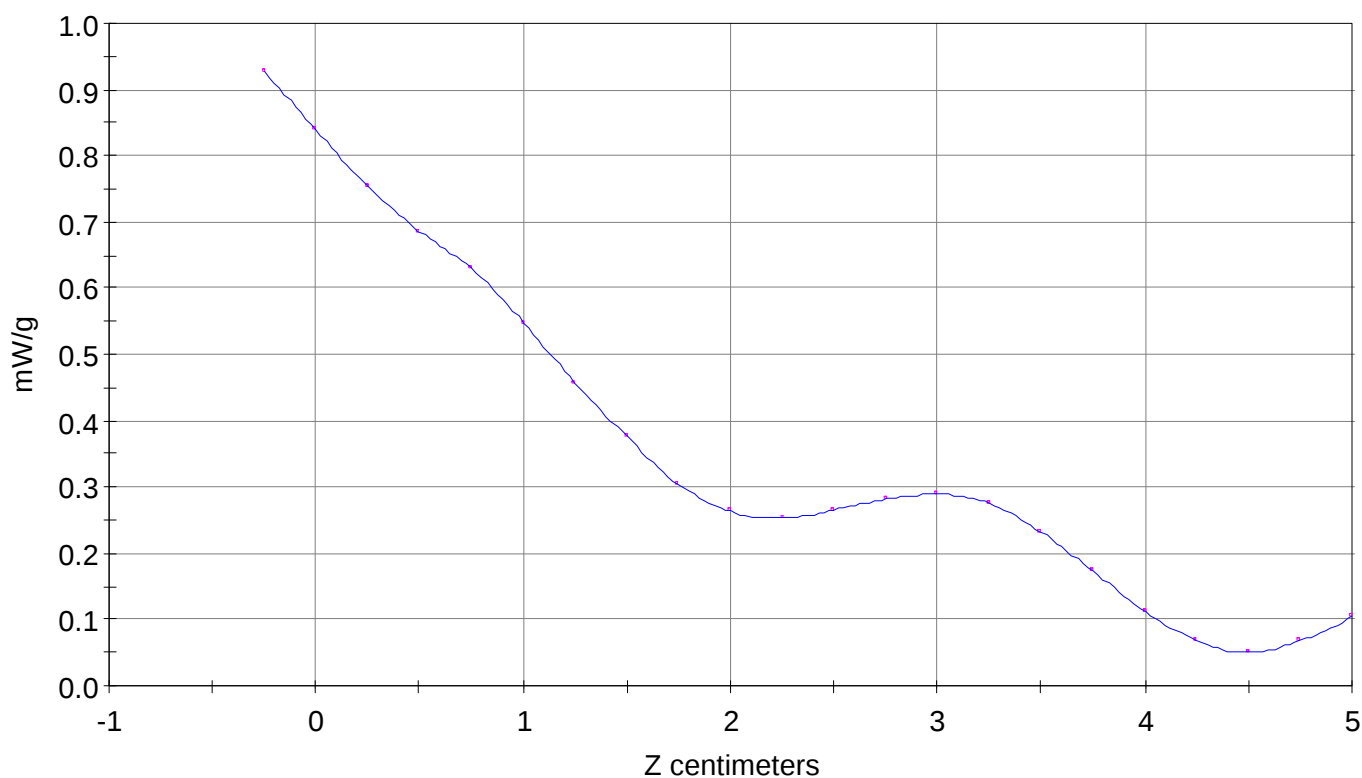
Calc. Voltage @ Surface (Vs) = 0.0112

Voltage @ 1.00 cm (Vt) = 0.0076

Ave. Voltage (Vs+Vt)/2 = 0.0094

Ave. SAR over 1 g (mW/g) = 0.7786

SAR Scan
File : 00031512_ZOOM
Start : 15-Mar-100 03:41:20 pm End : 15-Mar-100 03:48:12 pm
HYUNDAI/HGC-300E/001;848.97MHz;W;Helical/In;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100



File : c:/idx3/SYSTEM/SARMEAS3/data/Normal/00031417_ZOOM.VLT
Start : 14-Mar-100 04:34:25 pm End : 14-Mar-100 04:41:00 pm

FCC ID : CKLHGC-300E
HYUNDAI Model No: HGC-300E
Serial Number : 001
Frequency : 848.97 MHz
Peak Trans. Pwr : 0.630 W
Start Trans. Pwr: 0.630 W
Antenna Type : Helical
Antenna Posn. : Out
Phantom Type : Body
Phantom Posn. : Abdomen
Scan Type : ZOOM/SAR
Probe Name : PCTEST
Field Type : E Field
Orientation : 0 Degrees

Mixture Type = Muscle
Mixture Dielectric Constant = 51.700
Mixture Conductivity = 1.100

Comment :
HYUNDAI DUAL MODE PHONE 2 cm spacing
CHAN. 799 FM MODE FCC ID:CKLHGC-300E
CONDUCTED PWR:28.0 dBm flip mode body SAR

Robot : PCTEST

Probe Offset = 0.25 cm
Sensor Factor = 0.0108
Conversion Factor = 0.894

PCTEST Amplifier Channel Settings : 0.166 0.135 0.132

Max Location : X = 2.500, Y = -0.500, Z = 0.000 (cm) Value = 7.042

Measured Values (volts) =
6.877E-003 6.160E-003 5.600E-003 5.170E-003 4.606E-003 3.901E-003
3.235E-003 2.604E-003 2.201E-003 2.017E-003 2.008E-003 2.181E-003
2.302E-003 2.279E-003 2.060E-003 1.626E-003 1.129E-003 7.103E-004
4.505E-004 4.631E-004 6.390E-004

Calc. Voltage @ Surface (Vs) = 0.0076

Voltage @ 1.00 cm (Vt) = 0.0052

Ave. Voltage (Vs+Vt)/2 = 0.0064

Ave. SAR over 1 g (mW/g) = 0.5294

SAR Scan
File : 00031417_ZOOM
Start : 14-Mar-100 04:34:25 pm End : 14-Mar-100 04:41:00 pm
HYUNDAI/HGC-300E/001;848.97MHz;W;Helical/Out;
Body/Abdomen;ZOOM/SAR;PCTEST/E Field/0 DegreesMuscle/51.700/1.100

