Maximum SAR measurement Plots

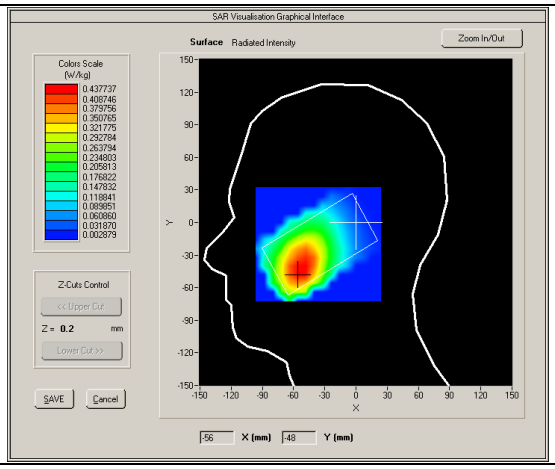
1# GSM850_GPRS 10_Right Cheek_Ch128

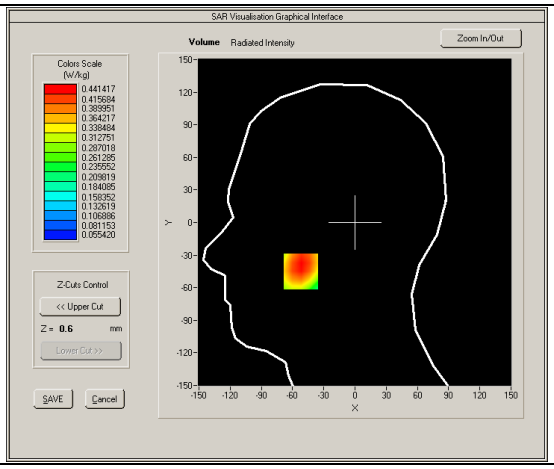
DUT:181105W001

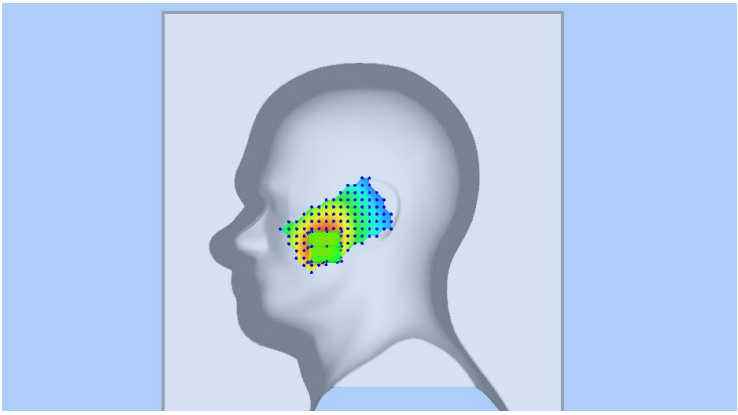
Test Date: Nov 6, 2018

Ambient Temperature：22.6℃; Liquid Temperature：21.2℃

Medium(liquid type)	HL835
Frequency (MHz)	824.4
Relative permittivity (real part)	42.32
Conductivity (S/m)	0.92
E-Field Probe	SN 27/15 EPGO262
Crest factor	4.0
Conversion Factor	1.74
Sensor-Surface	4mm
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	0.020000
SAR 10g (W/Kg)	0.297157
SAR 1g (W/Kg)	0.425544
SURFACE SAR	**VOLUME SAR**







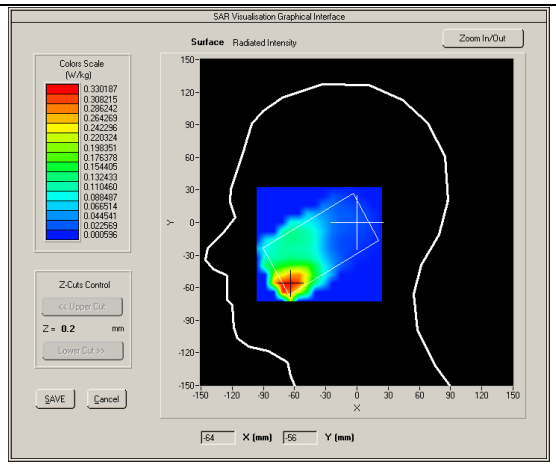
2# GSM1900_ GPRS10 _Left Cheek_Ch512

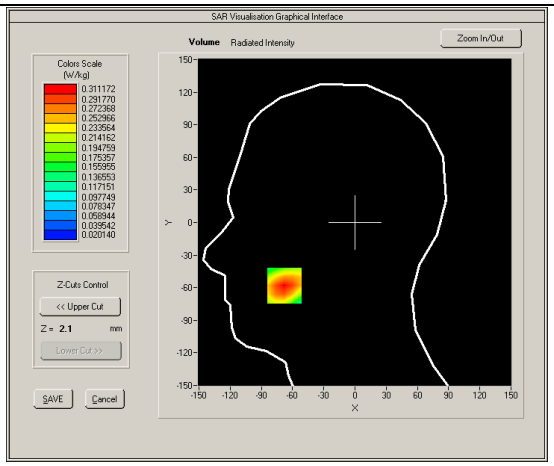
DUT:181105W001

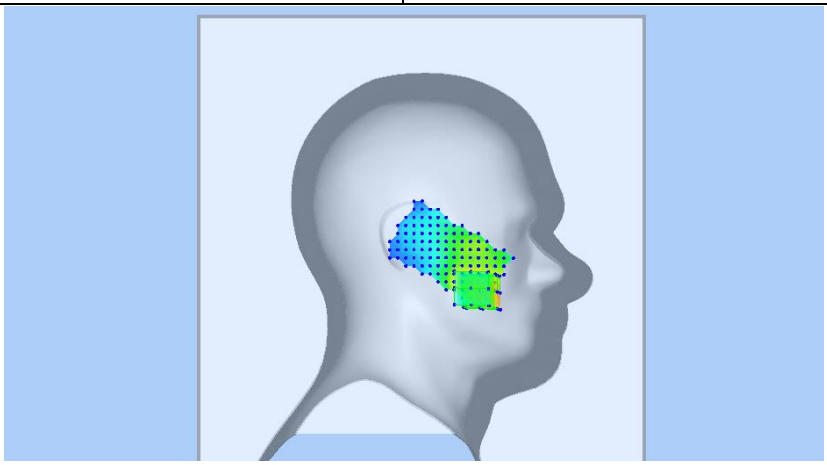
Test Date: Nov 8, 2018

Ambient Temperature：22.7℃; Liquid Temperature：21.4℃

Medium(liquid type)	HL1900
Frequency (MHz)	1850.2
Relative permittivity (real part)	40.88
Conductivity (S/m)	1.43
E-Field Probe	SN 27/15 EPGO262
Crest factor	4.0
Conversion Factor	2.01
Sensor-Surface	4mm
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	-4.250000
SAR 10g (W/Kg)	0.178481
SAR 1g (W/Kg)	0.294623
SURFACE SAR	**VOLUME SAR**







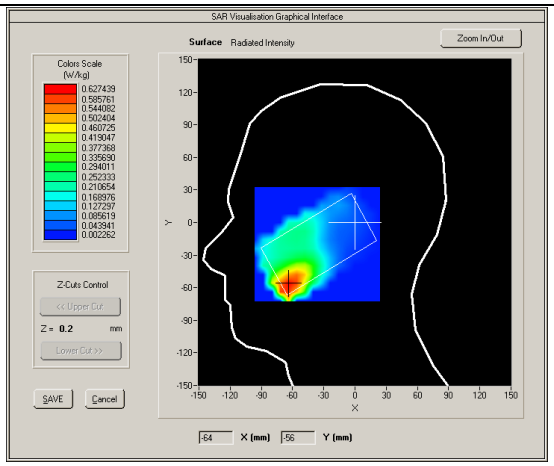
3# WCDMA Band Ⅱ _ RMC12.2K _Left Cheek_Ch9262

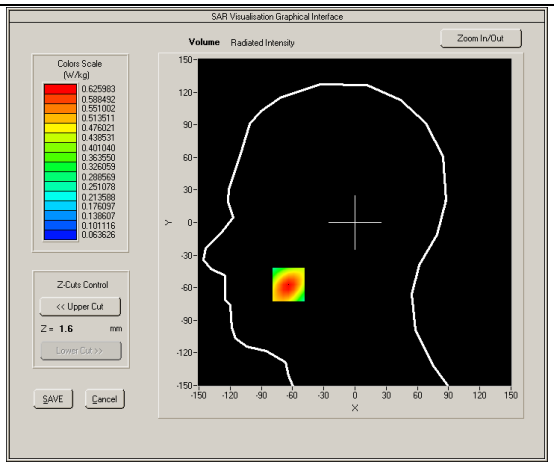
DUT:181105W001

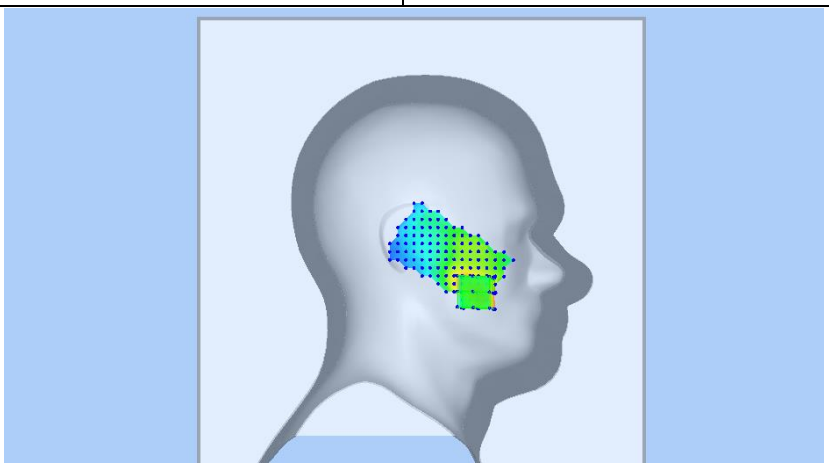
Test Date: Nov 8, 2018

Ambient Temperature：22.7℃; Liquid Temperature：21.4℃

Medium(liquid type)	HL1900
Frequency (MHz)	1852.4
Relative permittivity (real part)	40.88
Conductivity (S/m)	1.43
E-Field Probe	SN 27/15 EPGO262
Crest factor	1.0
Conversion Factor	2.01
Sensor-Surface	4mm
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	-1.760000
SAR 10g (W/Kg)	0.367236
SAR 1g (W/Kg)	0.587560
SURFACE SAR	**VOLUME SAR**







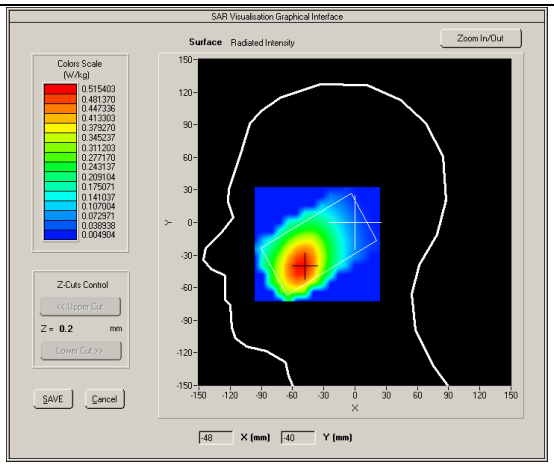
4# WCDMA Band Ⅴ _ RMC12.2K _Right Cheek_Ch4132

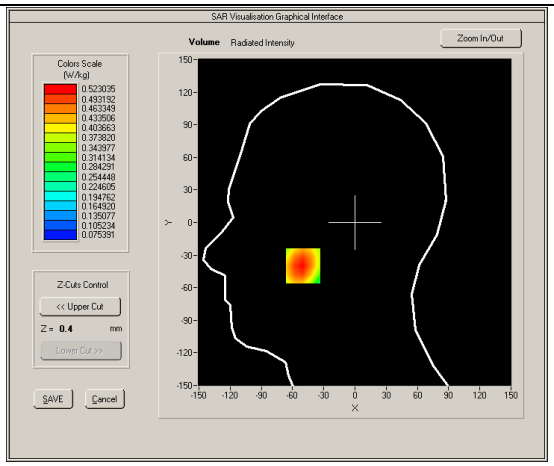
DUT:181105W001

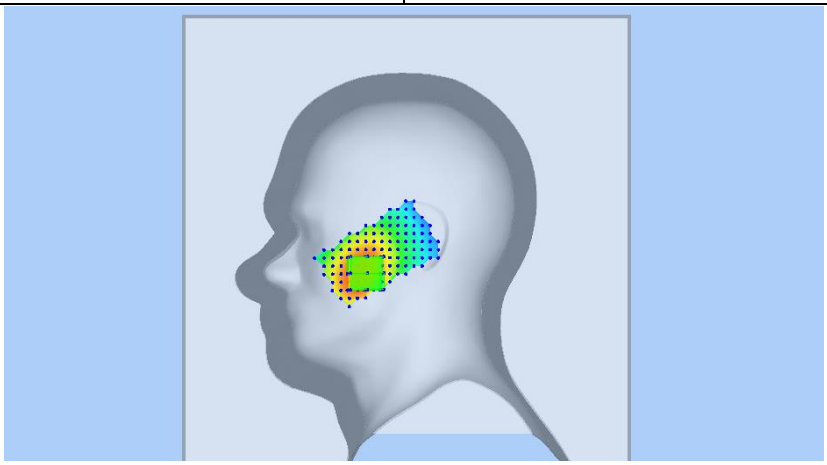
Test Date: Nov 6, 2018

Ambient Temperature：22.6℃; Liquid Temperature：21.2℃

Medium(liquid type)	HL835
Frequency (MHz)	826.4
Relative permittivity (real part)	42.32
Conductivity (S/m)	0.92
E-Field Probe	SN 27/15 EPGO262
Crest factor	1.0
Conversion Factor	1.74
Sensor-Surface	4mm
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	0.620000
SAR 10g (W/Kg)	0.347383
SAR 1g (W/Kg)	0.501124
SURFACE SAR	**VOLUME SAR**







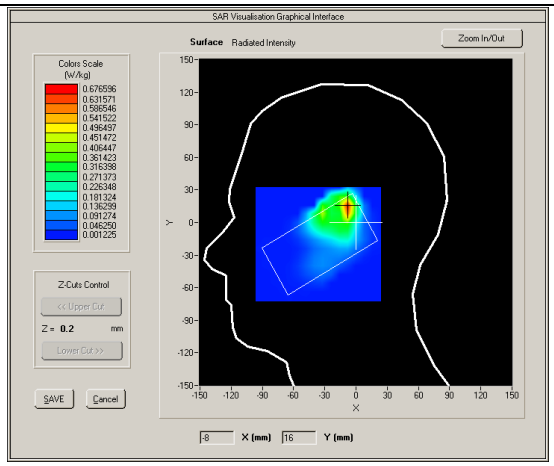
5# 802.11b_Right Cheek_Ch11

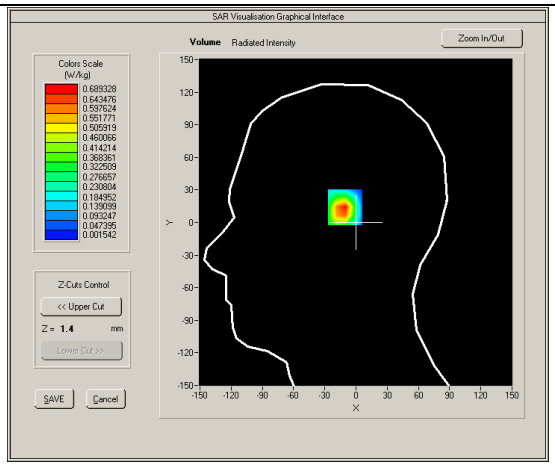
DUT:181105W001

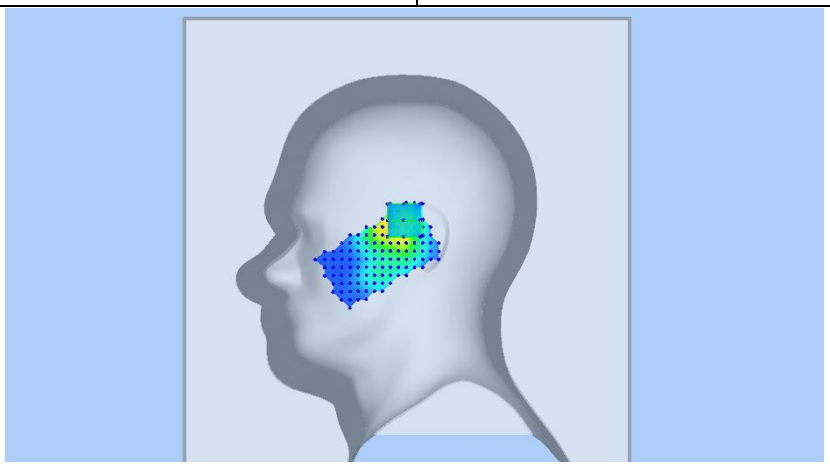
Test Date: Nov 12, 2018

Ambient Temperature：22.4℃; Liquid Temperature：21.5℃

Medium(liquid type)	HL_2450
Frequency (MHz)	2462.000
Relative permittivity (real part)	39.87
Conductivity (S/m)	1.77
Crest factor	1.0
E-Field Probe	SN 27/15 EPGO262
Conversion Factor	2.04
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=5mm dy=5mm dz=5mm
Variation (%)	-2.000000
SAR 10g (W/Kg)	0.280795
SAR 1g (W/Kg)	0.653908







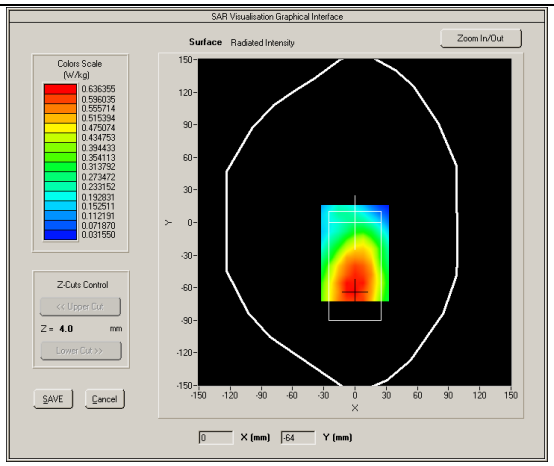
6# GSM850_GPRS10_Rear Face_1.0cm_Ch128

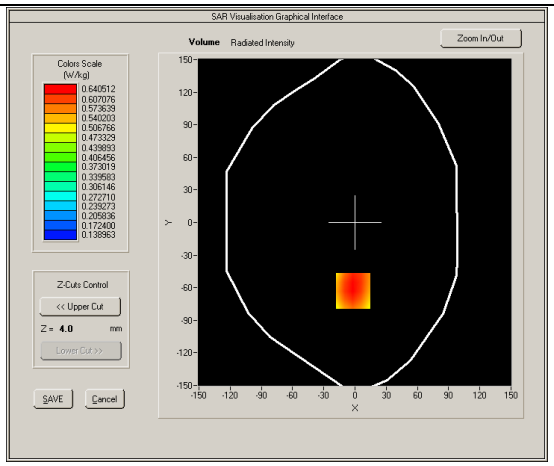
DUT:181105W001

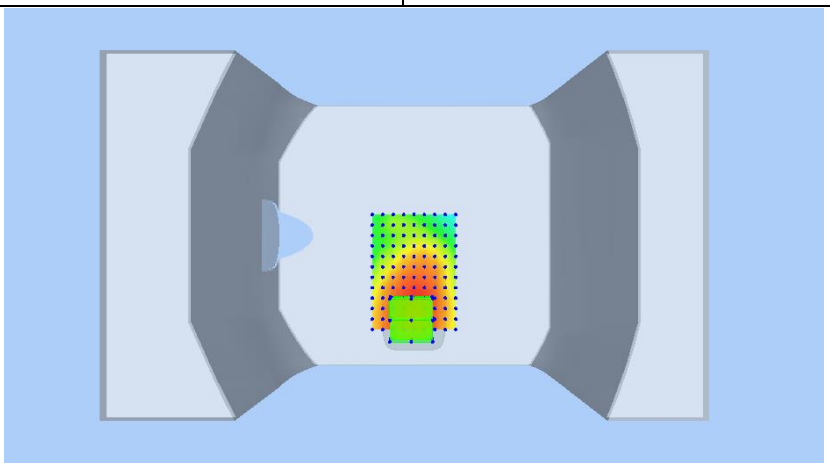
Test Date: Nov 6, 2018

Ambient Temperature：22.6℃; Liquid Temperature：21.2℃

Medium(liquid type)	BL835
Frequency (MHz)	824.2
Relative permittivity (real part)	56.43
Conductivity (S/m)	0.99
E-Field Probe	SN 27/15 EPGO262
Crest factor	4.0
Conversion Factor	1.81
Sensor-Surface	4mm
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	1.270000
SAR 10g (W/Kg)	0.449744
SAR 1g (W/Kg)	0.618802
SURFACE SAR	**VOLUME SAR**







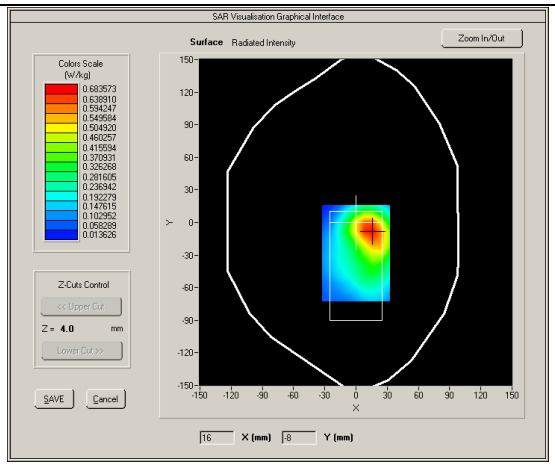
7# GSM1900_GPRS10_Front Face_1.0cm_Ch512

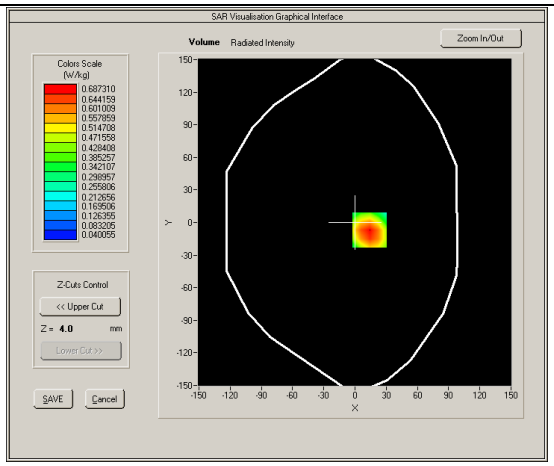
DUT:181105W001

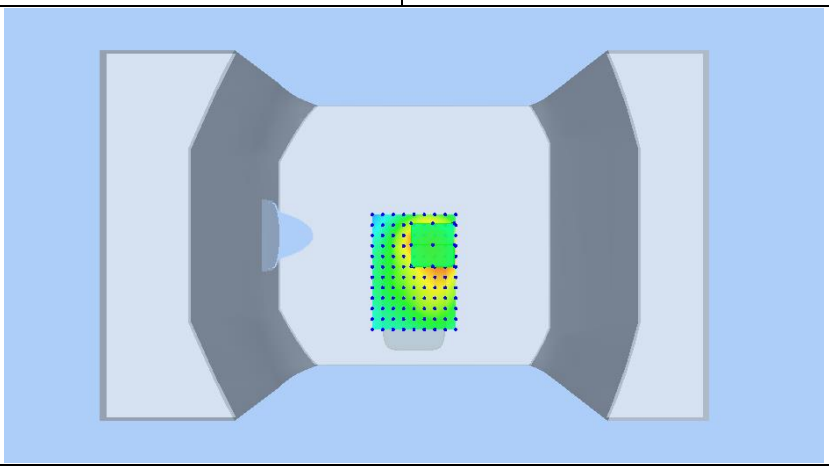
Test Date: Nov 8, 2018

Ambient Temperature：22.7℃; Liquid Temperature：21.4℃

Medium(liquid type)	BL1900
Frequency (MHz)	1850.2
Relative permittivity (real part)	55.15
Conductivity (S/m)	1.51
E-Field Probe	SN 27/15 EPGO262
Crest factor	4.0
Conversion Factor	2.05
Sensor-Surface	4mm
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	-0.930000
SAR 10g (W/Kg)	0.383086
SAR 1g (W/Kg)	0.652426
SURFACE SAR	**VOLUME SAR**







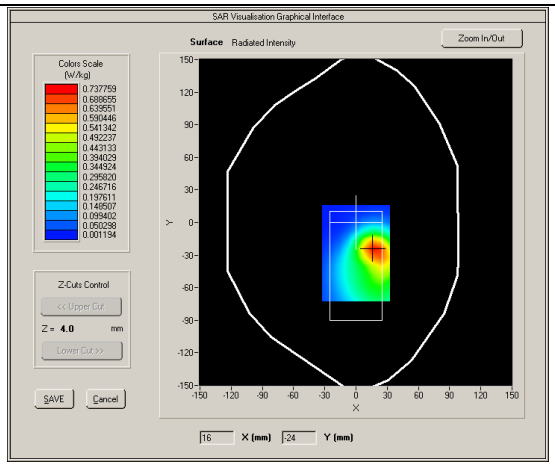
8# WCDMA Band Ⅱ_RMC12.2K_ Front Face_1.0cm_Ch9262

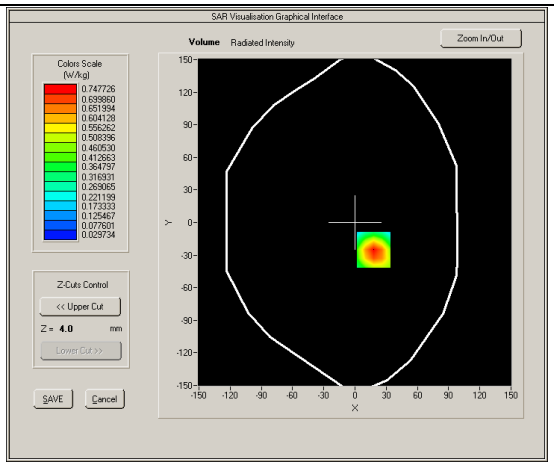
DUT:181105W001

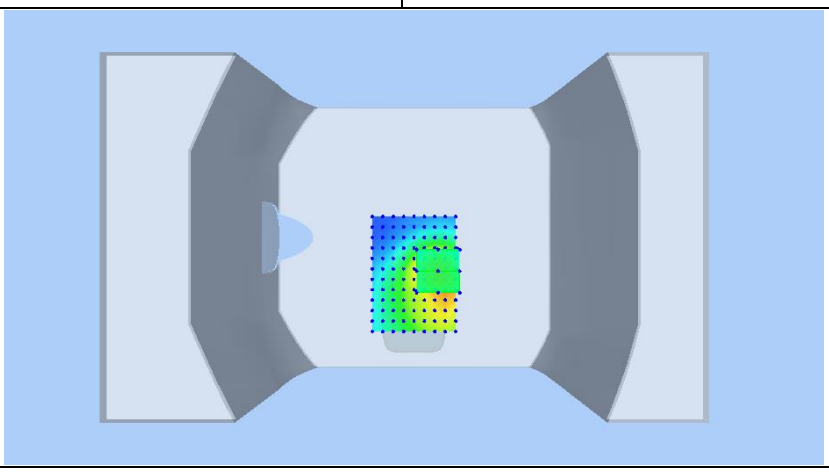
Test Date: Nov 8, 2018

Ambient Temperature：22.7℃; Liquid Temperature：21.4℃

Medium(liquid type)	BL1900
Frequency (MHz)	1952.4
Relative permittivity (real part)	55.15
Conductivity (S/m)	1.51
E-Field Probe	SN 27/15 EPGO262
Crest factor	1.0
Conversion Factor	2.05
Sensor-Surface	4mm
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	-1.670000
SAR 10g (W/Kg)	0.393540
SAR 1g (W/Kg)	0.703159
SURFACE SAR	**VOLUME SAR**







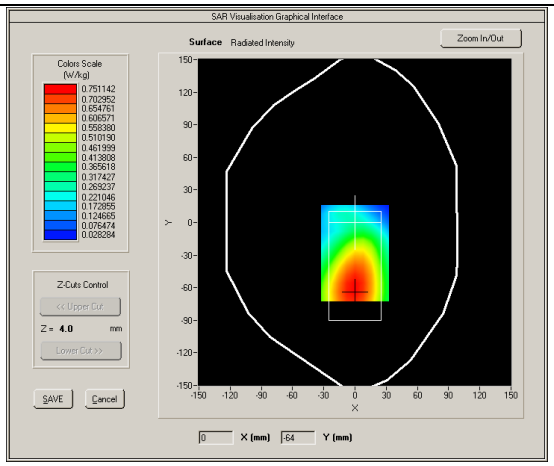
9# WCDMA Band Ⅴ_RMC12.2K_Rear Face_1.0cm_Ch4132

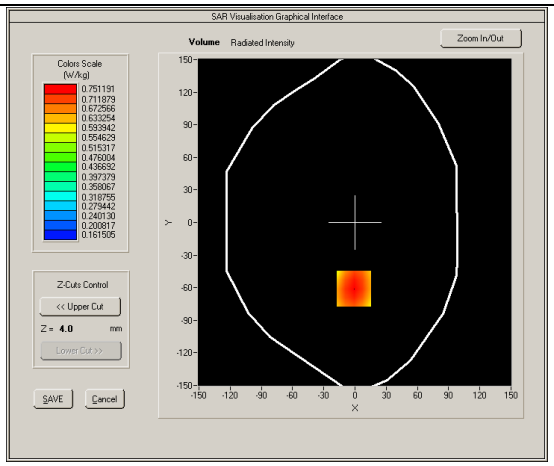
DUT:181105W001

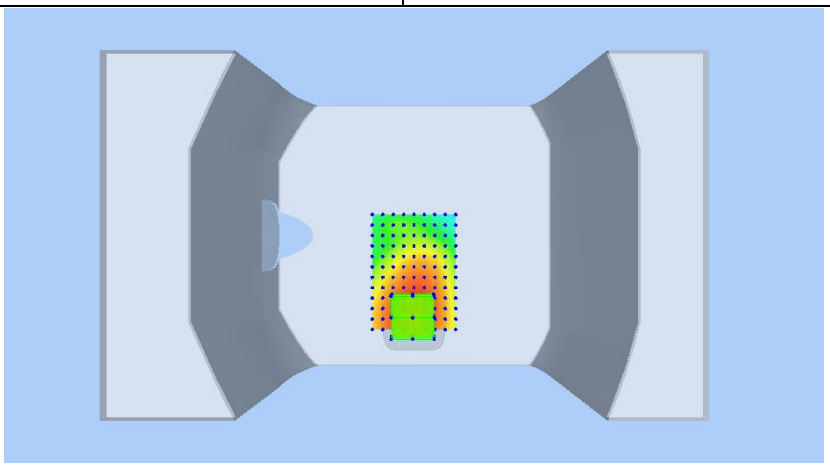
Test Date: Nov 6, 2018

Ambient Temperature：22.6℃; Liquid Temperature：21.2℃

Medium(liquid type)	BL835
Frequency (MHz)	826.4
Relative permittivity (real part)	56.43
Conductivity (S/m)	0.99
E-Field Probe	SN 27/15 EPGO262
Crest factor	1.0
Conversion Factor	1.81
Sensor-Surface	4mm
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	-0.730000
SAR 10g (W/Kg)	0.520266
SAR 1g (W/Kg)	0.723373
SURFACE SAR	**VOLUME SAR**







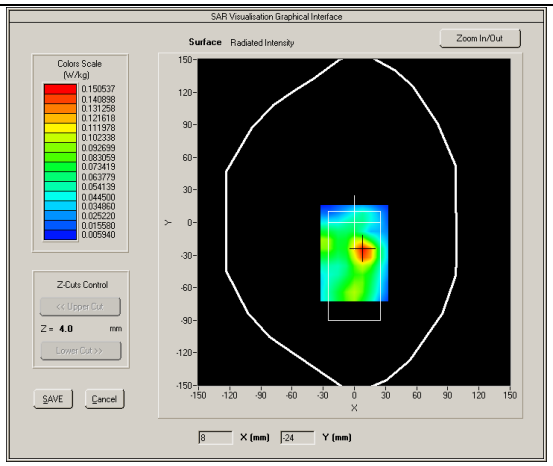
10# 802.11b_Rear Face_1cm_Ch 11

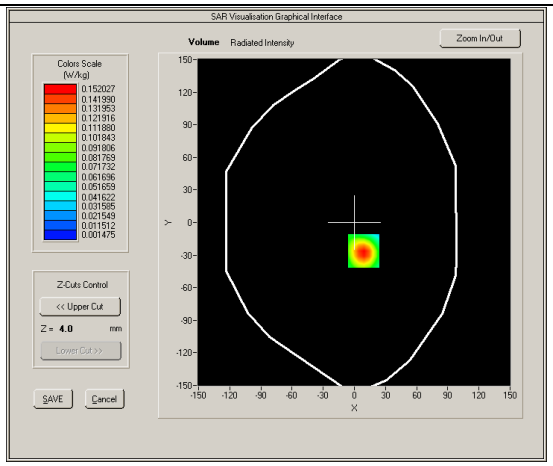
DUT:181105W001

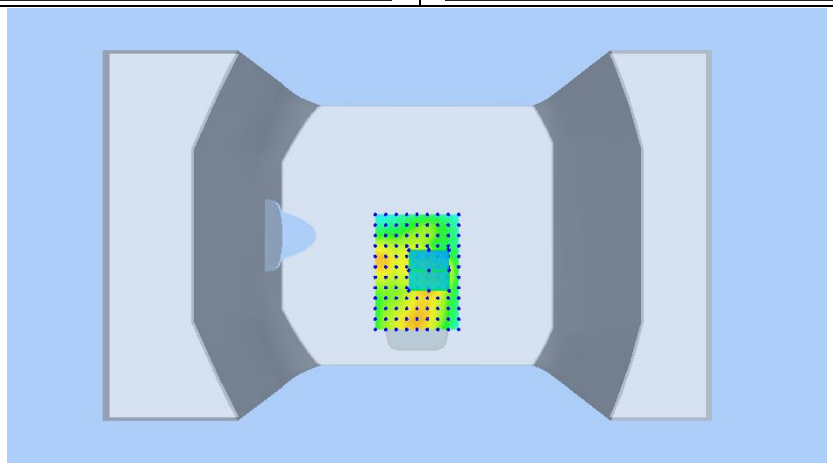
Test Date: Nov 12, 2018

Ambient Temperature：22.4℃; Liquid Temperature：21.5℃

Medium(liquid type)	BL_2450
Frequency (MHz)	2462
Relative permittivity (real part)	54.24
Conductivity (S/m)	1.96
Crest factor	1.0
E-Field Probe	SN 27/15 EPGO262
Conversion Factor	2.12
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=5mm dy=5mm dz=5mm
Variation (%)	-0.400000
SAR 10g (W/Kg)	0.066282
SAR 1g (W/Kg)	0.140268







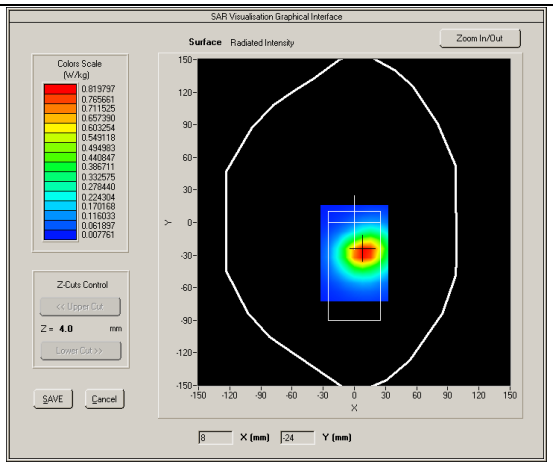
11# GSM1900_GPRS10_Bottom Side_1.0cm_Ch512

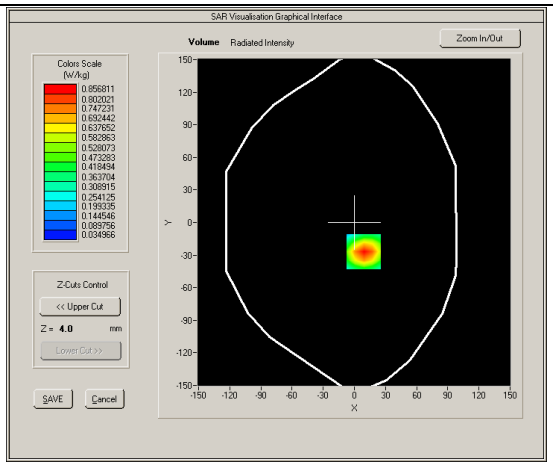
DUT:181105W001

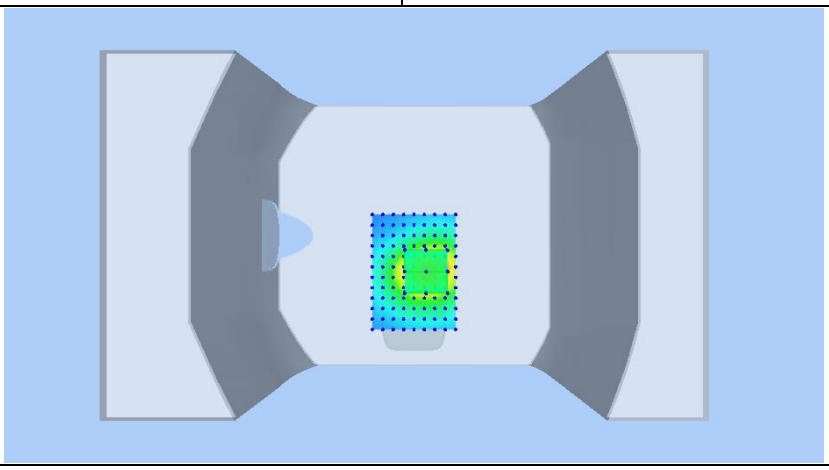
Test Date: Nov 8, 2018

Ambient Temperature：22.7℃; Liquid Temperature：21.4℃

Medium(liquid type)	BL1900
Frequency (MHz)	1850.2
Relative permittivity (real part)	55.15
Conductivity (S/m)	1.51
E-Field Probe	SN 27/15 EPGO262
Crest factor	4.0
Conversion Factor	2.05
Sensor-Surface	4mm
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	-0.8000000
SAR 10g (W/Kg)	0.445476
SAR 1g (W/Kg)	0.796205
SURFACE SAR	**VOLUME SAR**



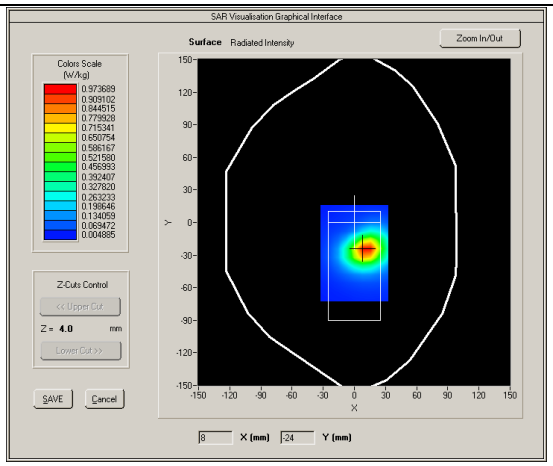
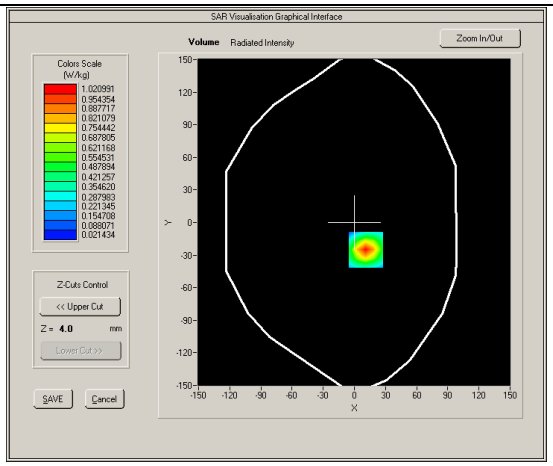
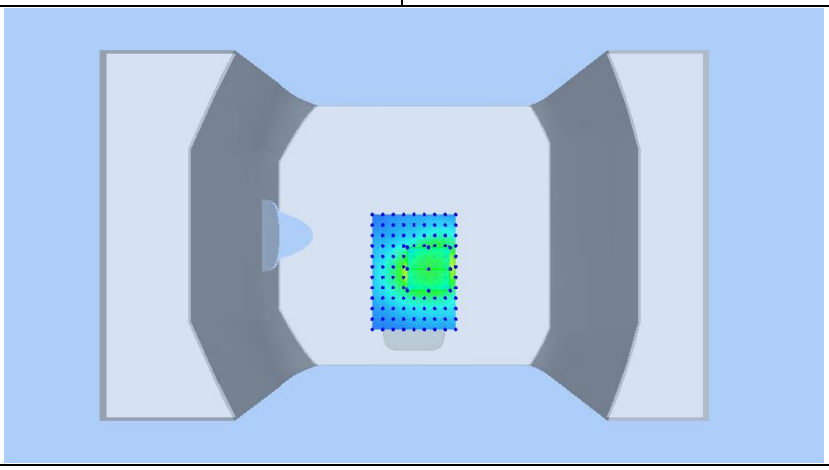




12# WCDMA Band Ⅱ _RMC12.2K_ Bottom Side _1.0cm_Ch9262

DUT:181105W001

Test Date: Nov 8, 2018

Ambient Temperature：22.7℃; Liquid Temperature：21.4℃

Medium(liquid type)	BL1900
Frequency (MHz)	1852.4
Relative permittivity (real part)	55.15
Conductivity (S/m)	1.51
E-Field Probe	SN 27/15 EPGO262
Crest factor	1.0
Conversion Factor	2.05
Sensor-Surface	4mm
Area Scan	dx=8mm dy=8mm
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Variation (%)	-0.760000
SAR 10g (W/Kg)	0.478253
SAR 1g (W/Kg)	0.928094
SURFACE SAR	**VOLUME SAR**