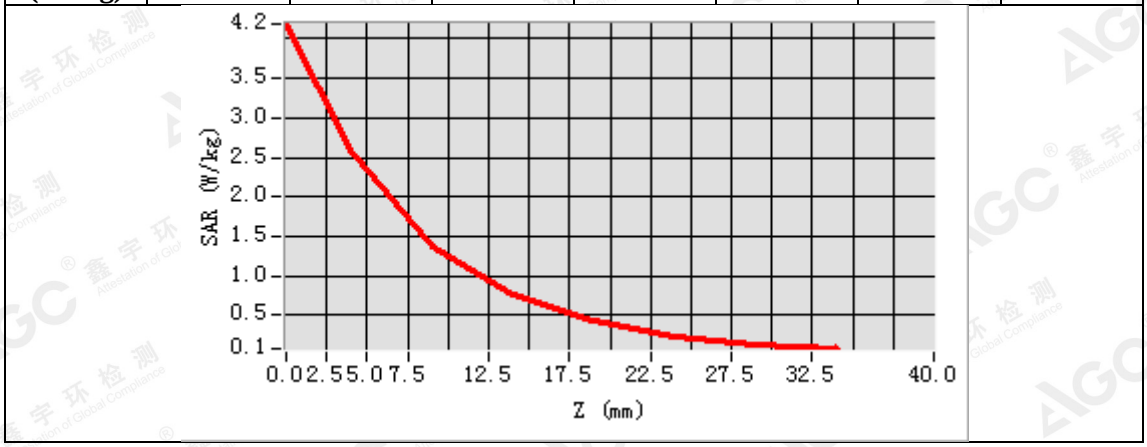
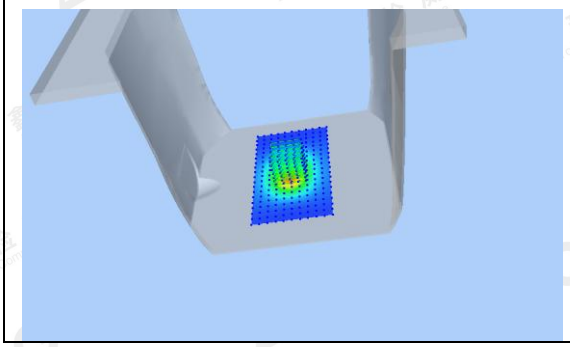
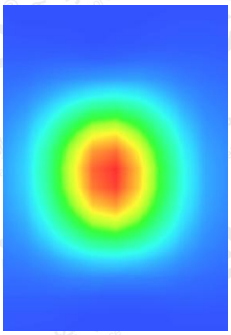
Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	4.2013	2.6095	1.3926	0.7715	0.4386	0.2522	0.1486

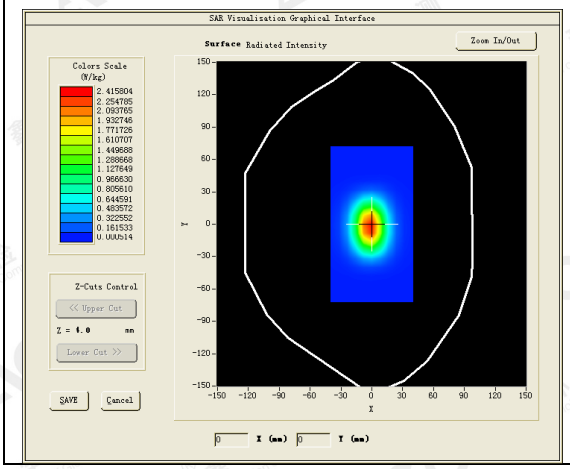
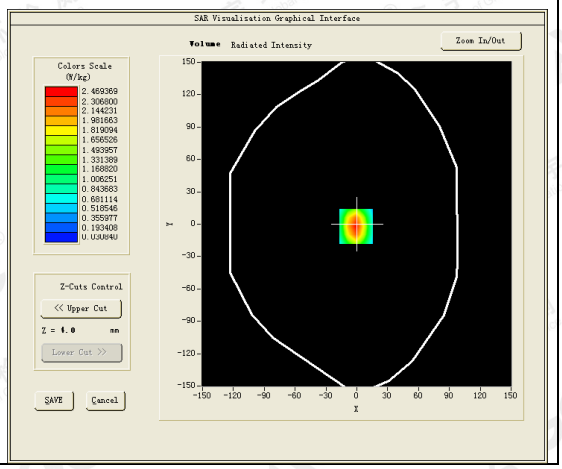


3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: June 25,2018**
System Check Body 1900MHz
DUT: Dipole 1900 MHz; Type: SID 1900
Communication System: CW; Communication System Band: D1900 (1900.0 MHz); Duty Cycle:1:1; Conv.F=2.39
Frequency: 1900 MHz; Medium parameters used: f = 1900 MHz; σ=1.52 mho/m; εr =53.22; ρ= 1000 kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (℃):21.8, Liquid temperature (℃): 21.5

SATIMO Configuration:
Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

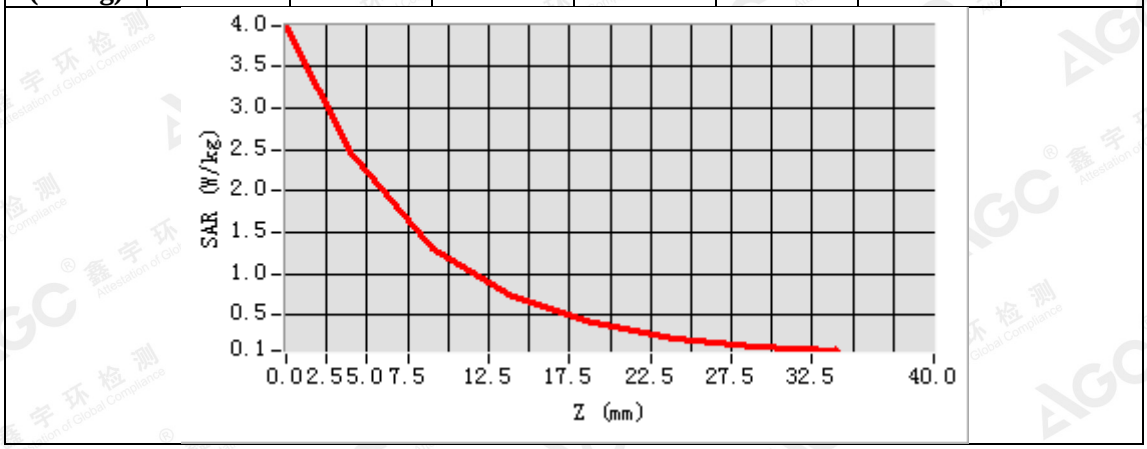
Configuration/System Check 1900MHz Body/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/System Check 1900MHz Body/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm

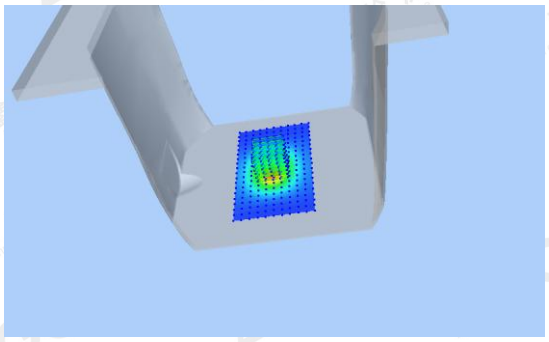
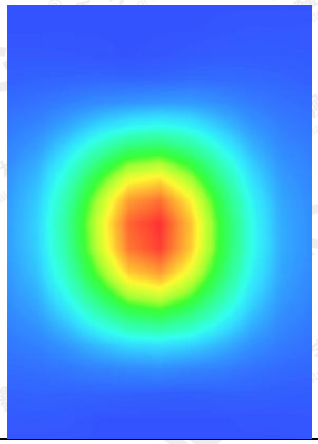
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-1.00, Y=-1.00
SAR Peak: 4.00 W/kg

SAR 10g (W/Kg)	1.192135
SAR 1g (W/Kg)	2.350741

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	3.9953	2.4778	1.3263	0.7351	0.4077	0.2305	0.1352

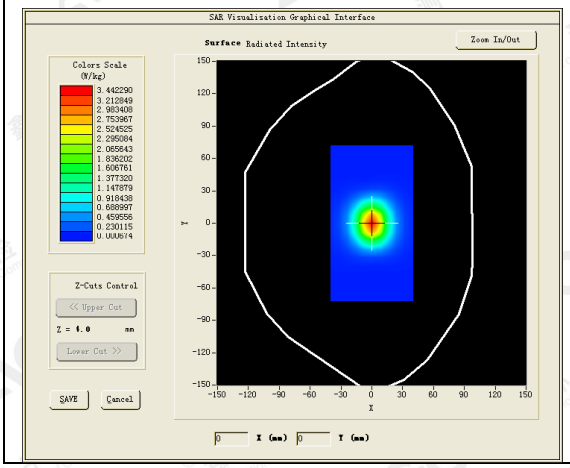
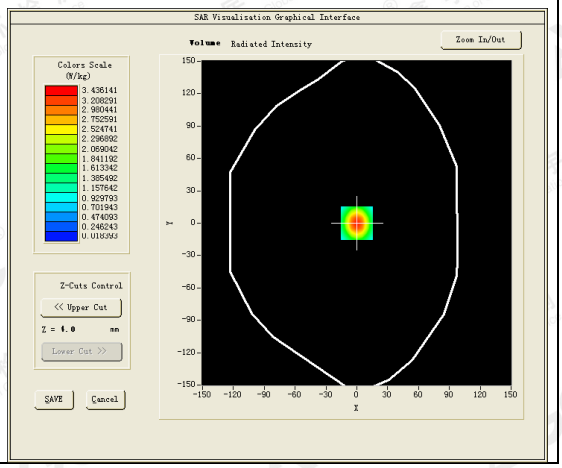


3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: June 29,2018**
System Check Head 2450 MHz
DUT: Dipole 2450 MHz Type: SID 2450
Communication System CW; Communication System Band: D2450 (2450.0 MHz); Duty Cycle: 1:1; Conv.F=2.52
Frequency: 2450 MHz; Medium parameters used: f = 2450 MHz; σ=1.77 mho/m; εr =39.26; ρ= 1000 kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (℃):21.9, Liquid temperature (℃): 21.3

SATIMO Configuration
- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

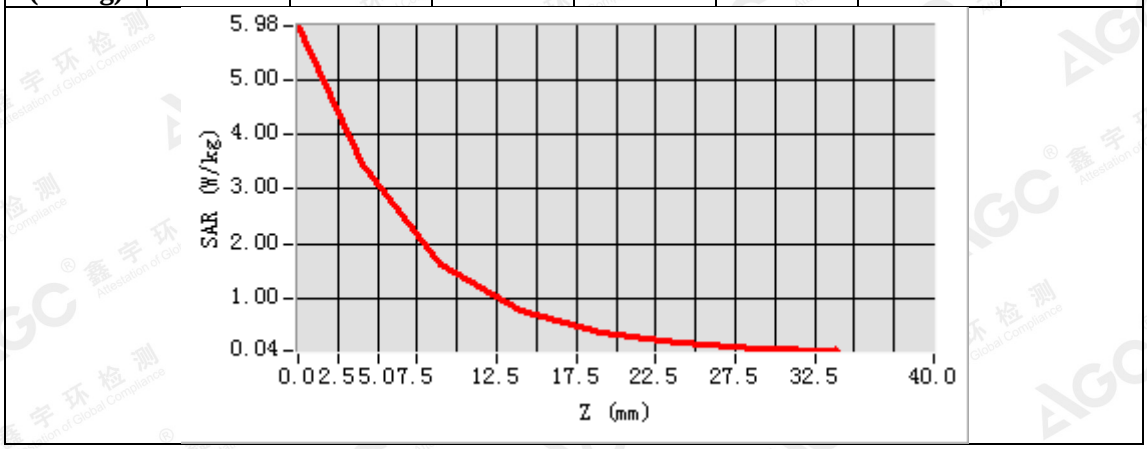
Configuration/System Check 2450MHz Head/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/System Check 2450MHz Head/Zoom Scan: Measurement grid: dx=5mm,dy=5mm, dz=5mm

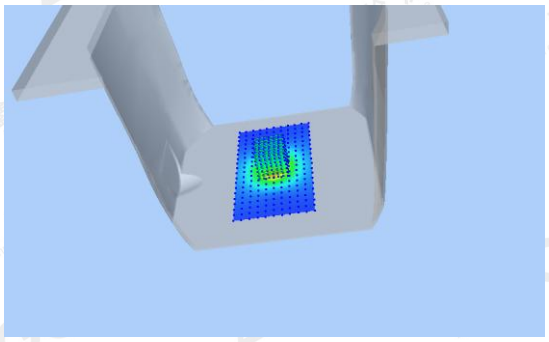
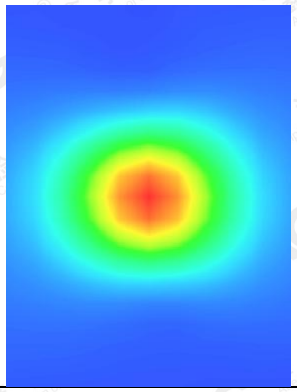
SURFACE SAR	VOLUME SAR
	

Maximum location: X=1.00, Y=1.00
SAR Peak: 5.95 W/kg

SAR 10g (W/Kg)	1.499452
SAR 1g (W/Kg)	3.231578

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	5.9844	3.4402	1.6056	0.7711	0.3726	0.1833	0.0912

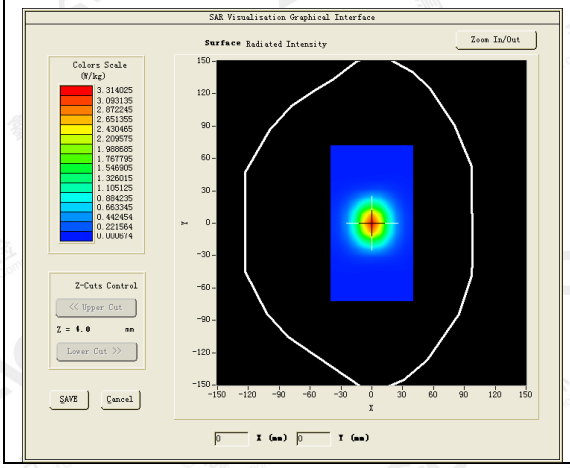
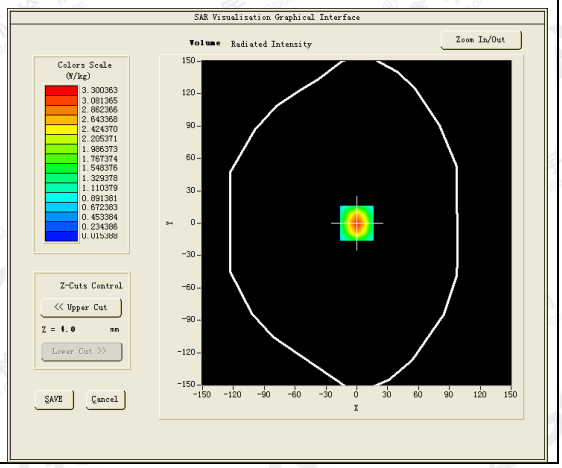


3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: June 29,2018**
System Check Body 2450 MHz
DUT: Dipole 2450 MHz Type: SID 2450
Communication System CW; Communication System Band: D2450 (2450.0 MHz); Duty Cycle: 1:1; Conv.F=2.58
Frequency: 2450 MHz; Medium parameters used: f = 2450 MHz; σ=1.92 mho/m; εr =53.59; ρ= 1000 kg/m³ ;
Phantom section: Flat Section; Input Power=18dBm
Ambient temperature (℃):21.9, Liquid temperature (℃): 21.5

SATIMO Configuration
- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

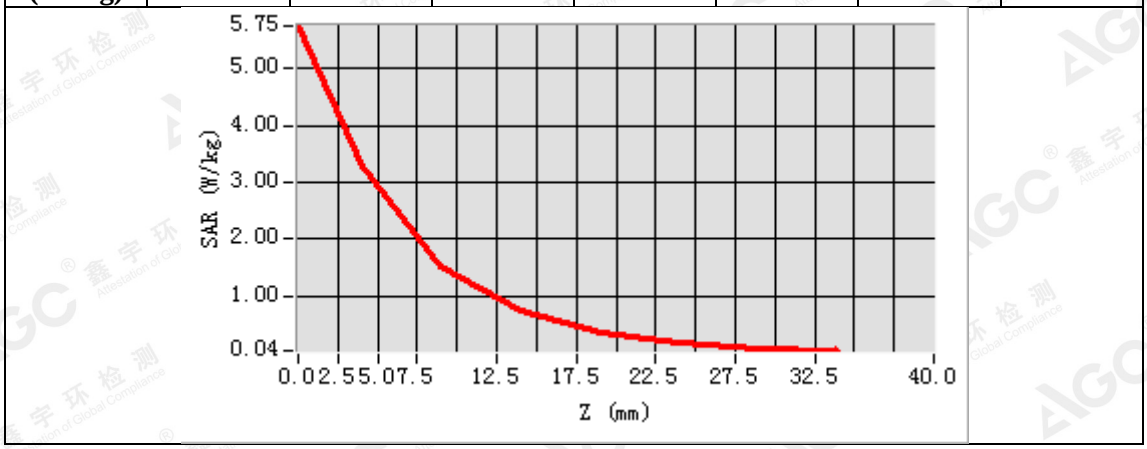
Configuration/System Check 2450MHz Body/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/System Check 2450MHz Body/Zoom Scan: Measurement grid: dx=5mm,dy=5mm, dz=5mm

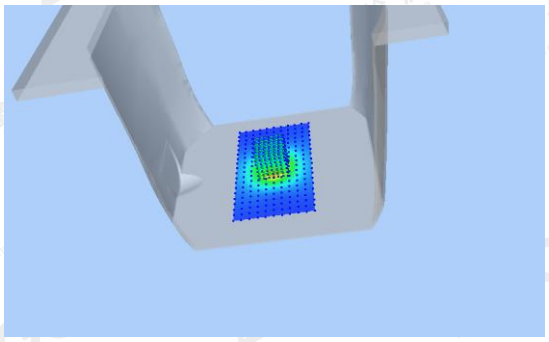
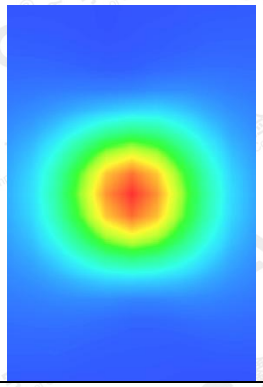
SURFACE SAR	VOLUME SAR
	

Maximum location: X=0.00, Y=0.00
SAR Peak: 5.70 W/kg

SAR 10g (W/Kg)	1.435126
SAR 1g (W/Kg)	3.117495

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	5.7463	3.3052	1.5395	0.7366	0.3522	0.1719	0.0880



3D screen shot	Hot spot position
	

APPENDIX B. SAR MEASUREMENT DATA

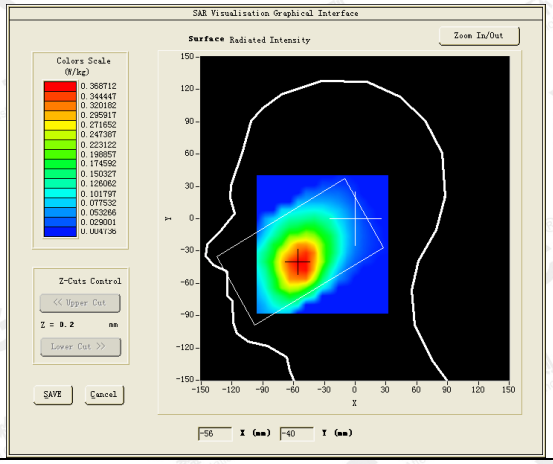
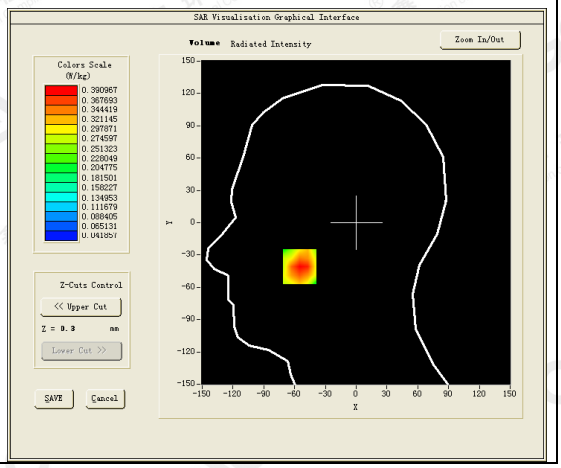
Test Laboratory: AGC Lab **Date: July 05,2018**
GSM 850 Mid- Touch-Right <SIM 1>
DUT: Smartphone; Type: VOLT_5XL

Communication System: Generic GSM; Communication System Band: GSM 850; Duty Cycle: 1:8.3; Conv.F=1.74; Frequency: 836.6 MHz; Medium parameters used: f = 835 MHz; σ= 0.91 mho/m; εr = 41.77; ρ= 1000 kg/m³ ;
Phantom section: Right Section
Ambient temperature (℃): 22.1, Liquid temperature (℃): 21.2

SATIMO Configuration:
- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/GSM 850 Mid-Touch-Right/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/GSM 850 Mid-Touch-Right/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

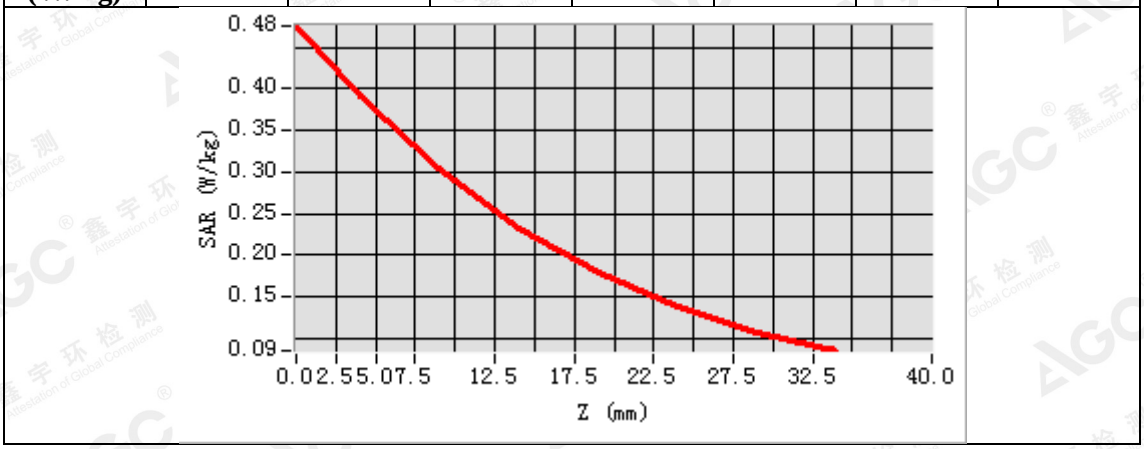
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	GSM 850
Channels	Middle
Signal	TDMA (Crest factor: 8.0)

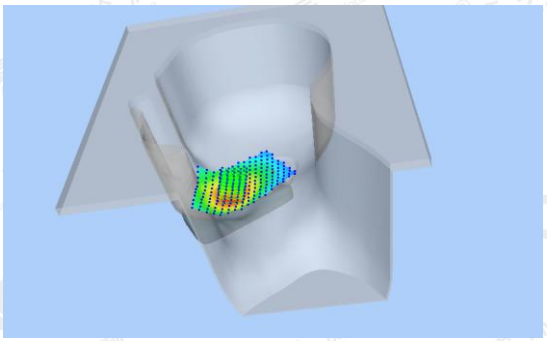
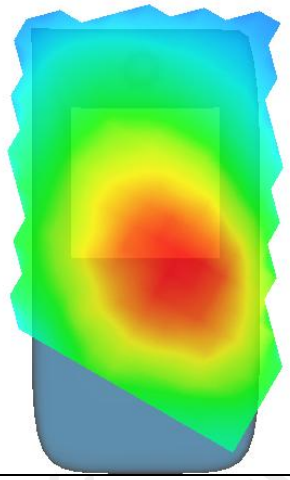
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-55.00, Y=-41.00
SAR Peak: 0.51 W/kg

SAR 10g (W/Kg)	0.261263
SAR 1g (W/Kg)	0.372337

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.4758	0.3910	0.3037	0.2317	0.1802	0.1373	0.1080



3D screen shot	Hot spot position
	

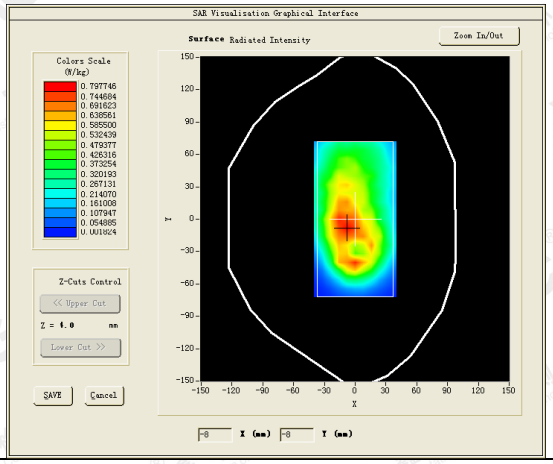
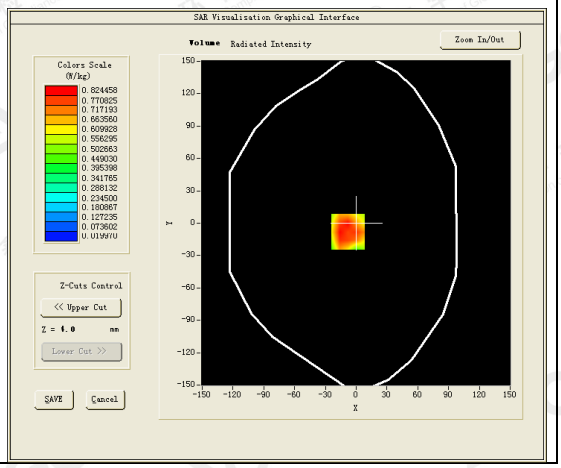
Test Laboratory: AGC Lab **Date: July 05,2018**
GSM 850 High- Body- Back (MS)<SIM 1>
DUT: Smartphone; Type: VOLT_5XL

Communication System: Generic GSM; Communication System Band: GSM 850; Duty Cycle: 1:8.3; Conv.F=1.81; Frequency: 848.8 MHz; Medium parameters used: f = 835 MHz; σ= 0.98 mho/m; εr = 53.57; ρ= 1000 kg/m³ ;
Phantom section: Flat Section
Ambient temperature (℃): 22.1, Liquid temperature (℃): 21.5

SATIMO Configuration:
- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/GSM 850 High-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/GSM 850 High-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

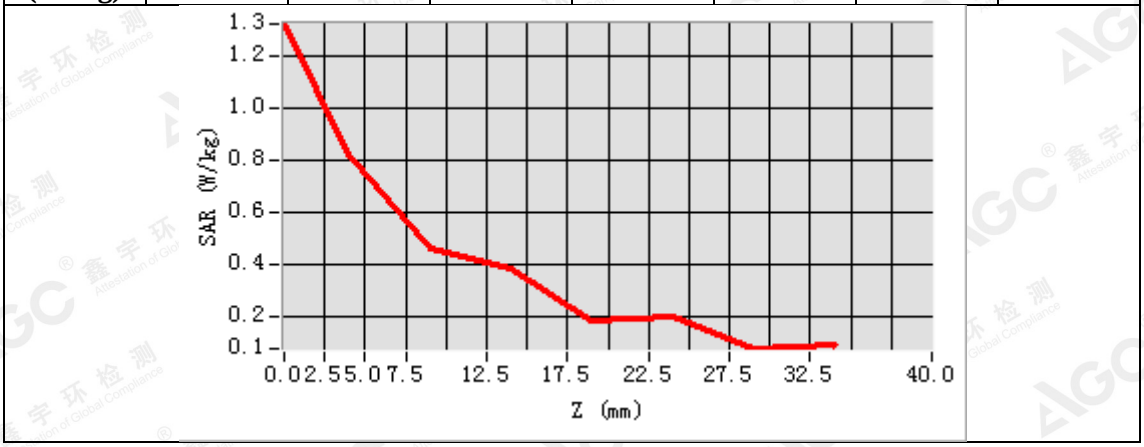
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Back
Band	GSM 850
Channels	High
Signal	TDMA (Crest factor: 8.0)

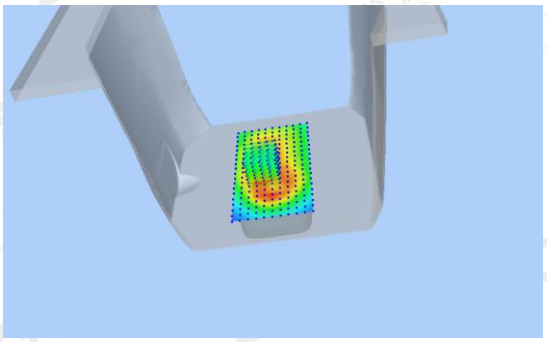
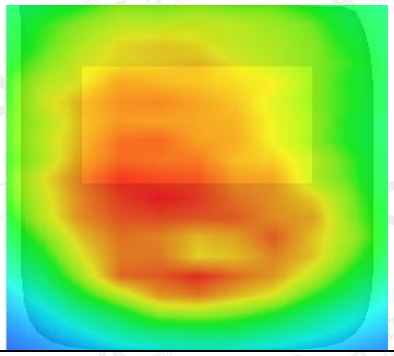
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-8.00, Y=-8.00
SAR Peak: 1.21 W/kg

SAR 10g (W/Kg)	0.512896
SAR 1g (W/Kg)	0.797835

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3247	0.8245	0.4638	0.3824	0.1790	0.1943	0.0745



3D screen shot	Hot spot position
	

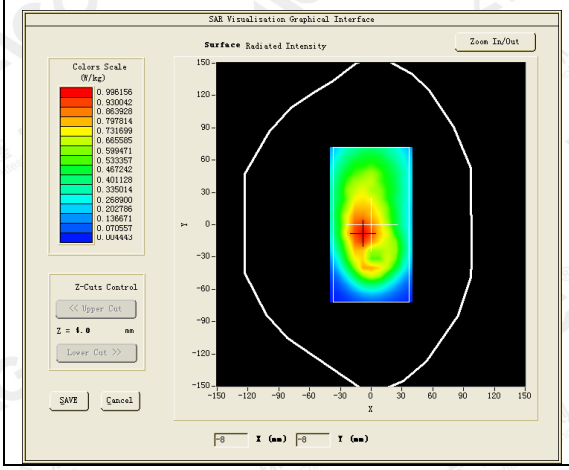
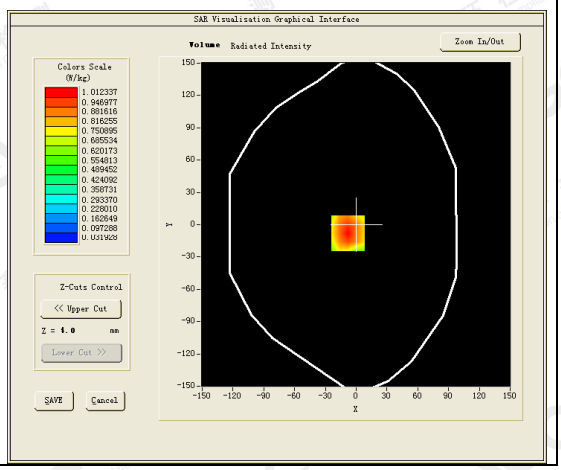
Test Laboratory: AGC Lab **Date: July 05,2018**
GPRS 850 Low- Body- Back (3up)
DUT: Smartphone; Type: VOLT_5XL

Communication System: GPRS-3 Slot; Communication System Band: GSM 850; Duty Cycle: 1:2.7; Conv.F=1.81; Frequency: 824.2 MHz; Medium parameters used: f = 835 MHz; σ= 0.93 mho/m; εr = 56.38; ρ= 1000 kg/m³ ;
Phantom section: Flat Section
Ambient temperature (℃): 22.1, Liquid temperature (℃): 21.5

SATIMO Configuration:
- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/GPRS 850 Low-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/GPRS 850 Low-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

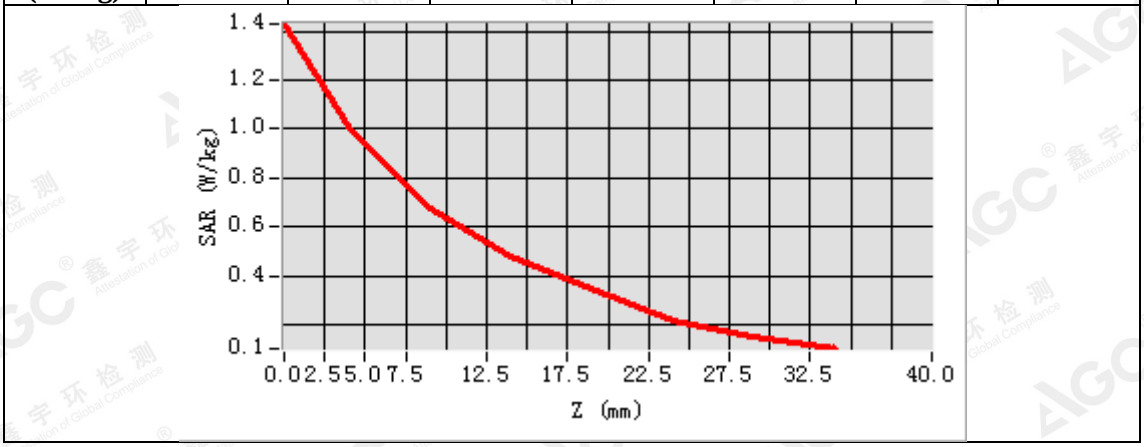
Area Scan	sam_direct_droit2_surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Back
Band	GSM 850
Channels	Low
Signal	TDMA (Crest factor: 2.7)

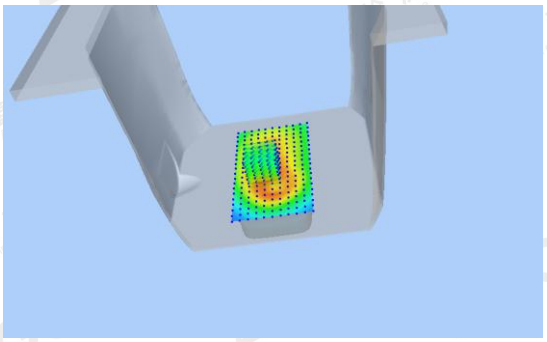
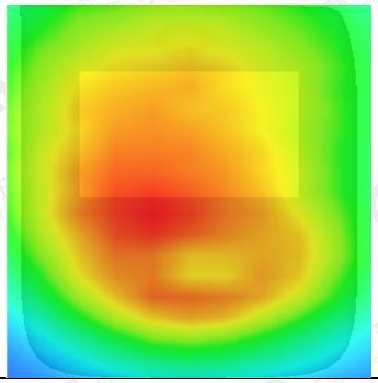
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-8.00, Y=-8.00
SAR Peak: 1.44 W/kg

SAR 10g (W/Kg)	0.657952
SAR 1g (W/Kg)	0.987385

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.4297	1.0123	0.6758	0.4793	0.3447	0.2198	0.1533



3D screen shot	Hot spot position
	

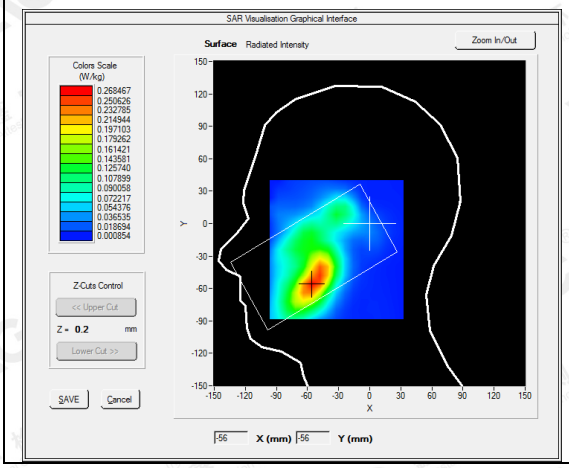
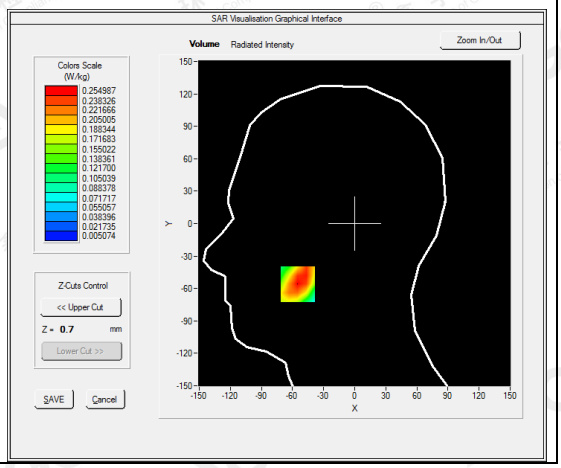
Test Laboratory: AGC Lab **Date: July 07,2018**
PCS 1900 Mid-Touch- Left <SIM 1>
DUT: Smartphone; Type: VOLT_5XL

Communication System: Generic GSM; Communication System Band: PCS 1900; Duty Cycle: 1:8.3; Conv.F=2.32; Frequency: 1880 MHz; Medium parameters used: f = 1900 MHz; σ= 1.39 mho/m; εr =40.57; ρ= 1000 kg/m^3 ;
Phantom section: Left Section
Ambient temperature (℃): 22.1, Liquid temperature (℃): 21.7

SATIMO Configuration:
- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/PCS1900 Mid-Touch-Left/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/PCS1900 Mid-Touch-Left/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

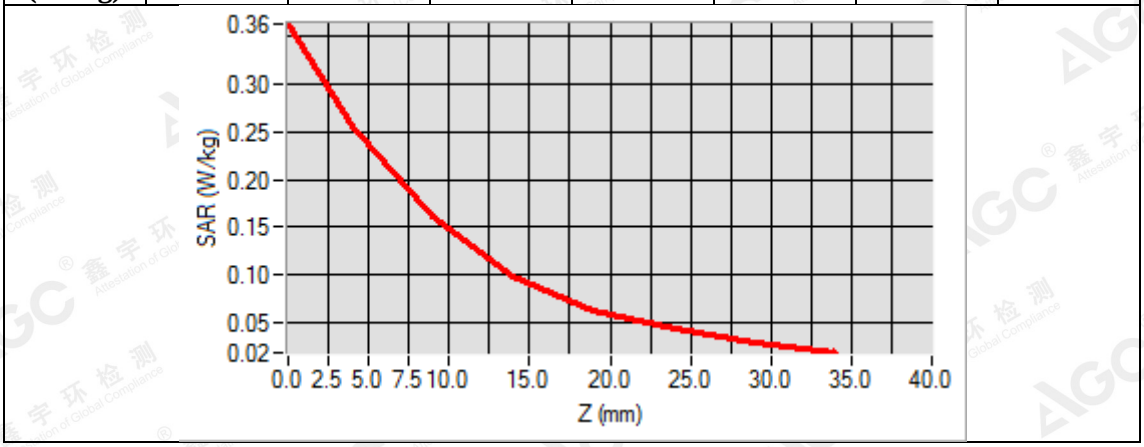
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Left head
Device Position	Cheek
Band	PCS 1900
Channels	Middle
Signal	TDMA (Crest factor: 8.0)

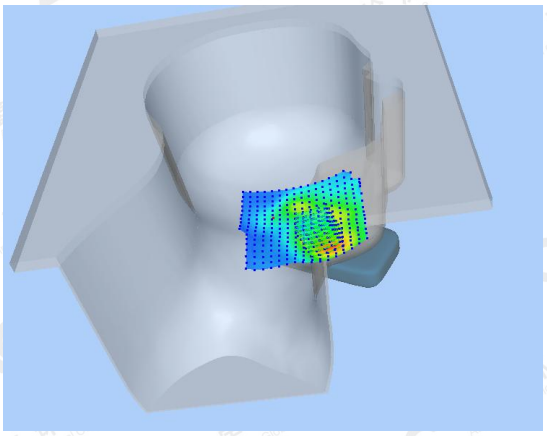
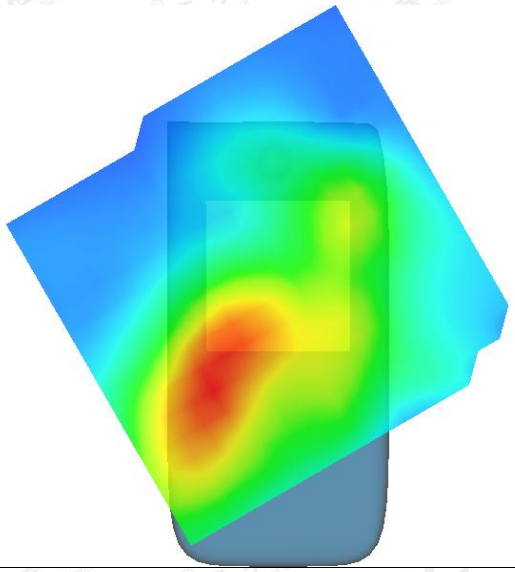
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-55.00, Y=-56.00
SAR Peak: 0.39 W/kg

SAR 10g (W/Kg)	0.145709
SAR 1g (W/Kg)	0.246987

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3631	0.2550	0.1615	0.0981	0.0630	0.0431	0.0278



3D screen shot	Hot spot position
	

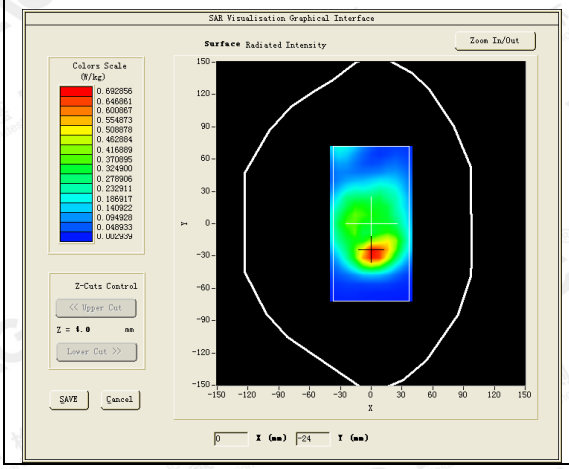
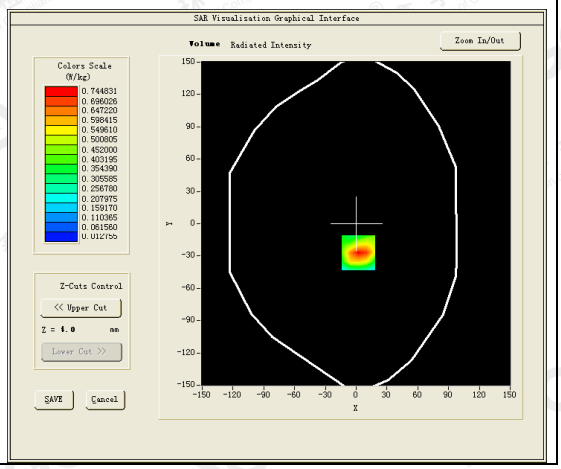
Test Laboratory: AGC Lab **Date: July 04,2018**
PCS 1900 Mid-Body-Back (MS)<SIM 1>
DUT: Smartphone; Type: VOLT_5XL

Communication System: Generic GSM; Communication System Band: PCS 1900; Duty Cycle: 1:8.3; Conv.F=2.39; Frequency: 1880 MHz; Medium parameters used: f = 1900 MHz; σ= 1.50 mho/m; εr =54.07; ρ= 1000 kg/m³ ;
Phantom section: Flat Section
Ambient temperature (℃): 22.3, Liquid temperature (℃): 21.9

SATIMO Configuration:
- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/PCS1900 Mid-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/PCS1900 Mid-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

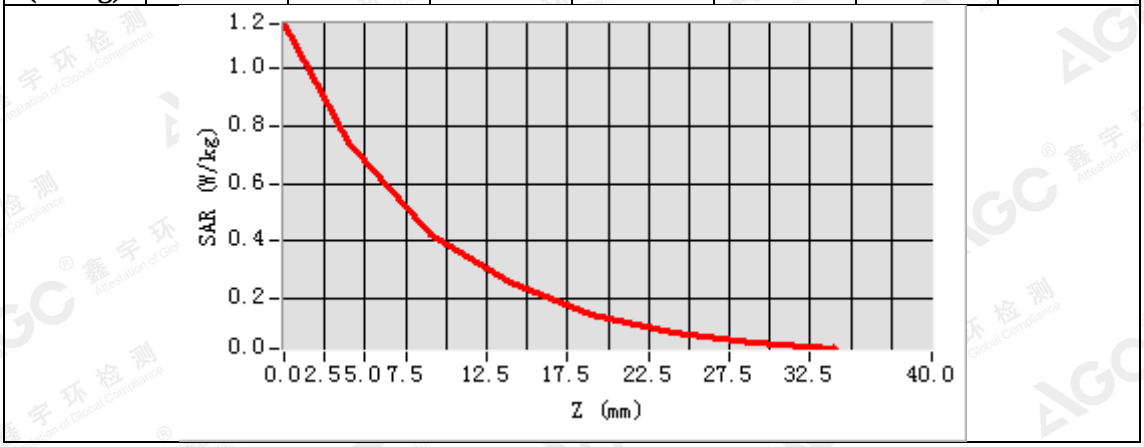
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Back
Band	PCS 1900
Channels	Middle
Signal	TDMA (Crest factor: 8.0)

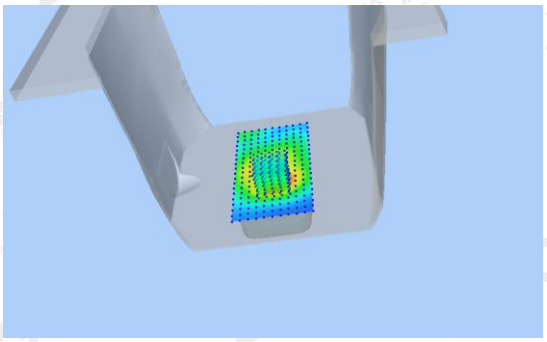
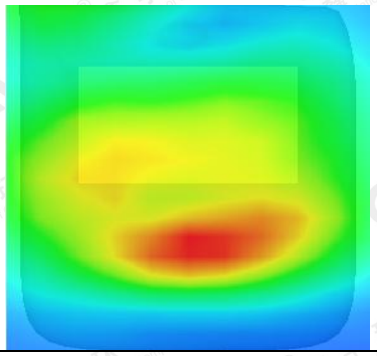
SURFACE SAR	VOLUME SAR
	

Maximum location: X=2.00, Y=-27.00
SAR Peak: 1.18 W/kg

SAR 10g (W/Kg)	0.365063
SAR 1g (W/Kg)	0.696706

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.1529	0.7448	0.4209	0.2578	0.1441	0.0845	0.0480



3D screen shot	Hot spot position
	

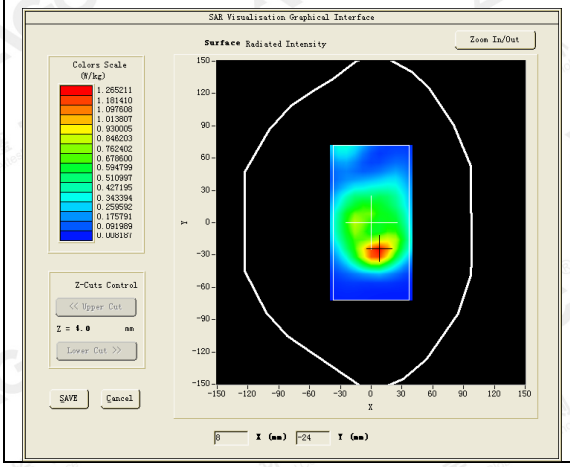
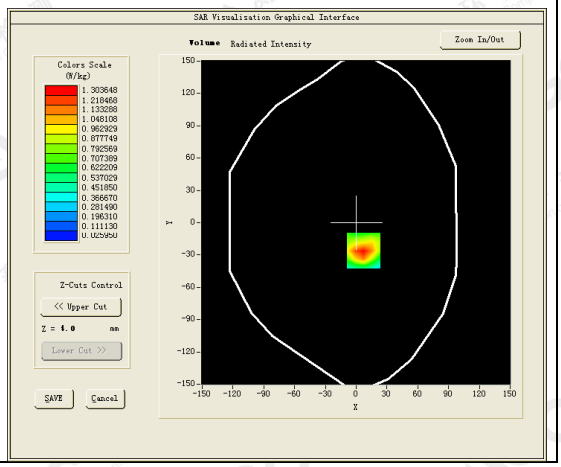
Test Laboratory: AGC Lab **Date: July 04,2018**
GPRS 1900 Low-Body-Back (4up)-earphone
DUT: Smartphone; Type: VOLT_5XL

Communication System: GPRS-4Slot; Communication System Band: PCS 1900; Duty Cycle: 1:2.1; Conv.F=2.39;
Frequency: 1850.2 MHz; Medium parameters used: f = 1900 MHz; σ= 1.46 mho/m; εr =55.11; ρ= 1000 kg/m³ ;
Phantom section: Flat Section
Ambient temperature (℃): 22.3, Liquid temperature (℃): 21.9

SATIMO Configuration:
- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/GPRS1900 Low-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/GPRS1900 Low-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

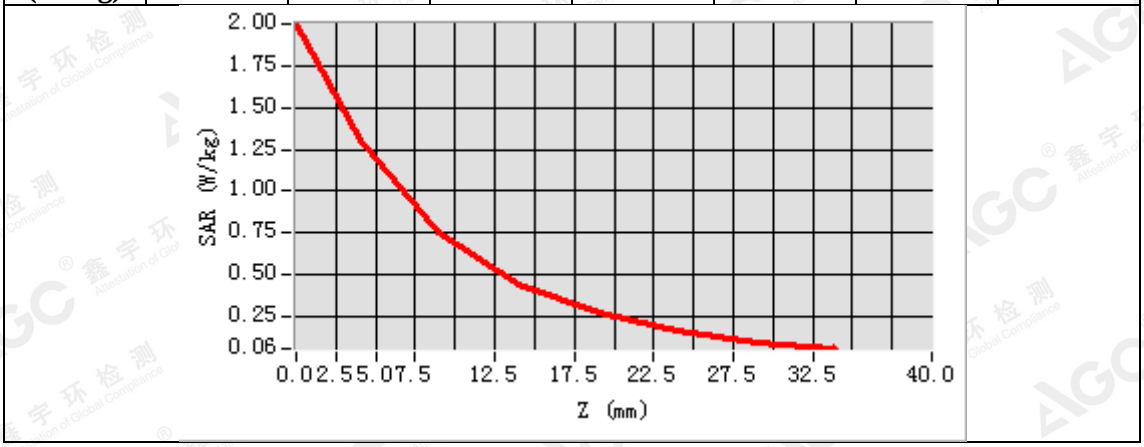
Area Scan	sam_direct_droit2_surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Back
Band	PCS 1900
Channels	Low
Signal	TDMA (Crest factor: 2.0)

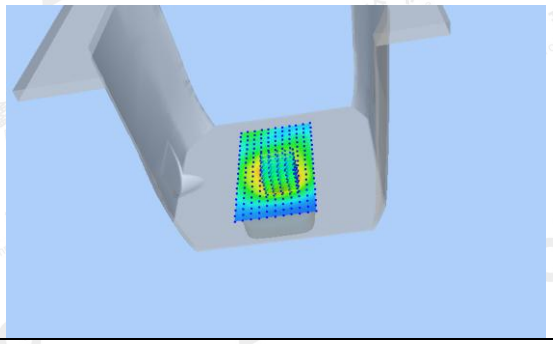
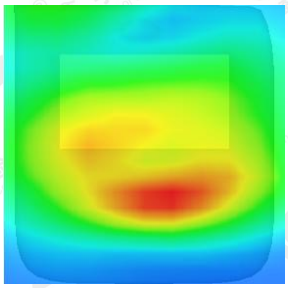
SURFACE SAR	**VOLUME SAR**
	

Maximum location: X=7.00, Y=-26.00
SAR Peak: 2.06 W/kg

SAR 10g (W/Kg)	0.658487
SAR 1g (W/Kg)	1.240272

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.9991	1.3036	0.7595	0.4464	0.2808	0.1668	0.1010



3D screen shot	Hot spot position
	

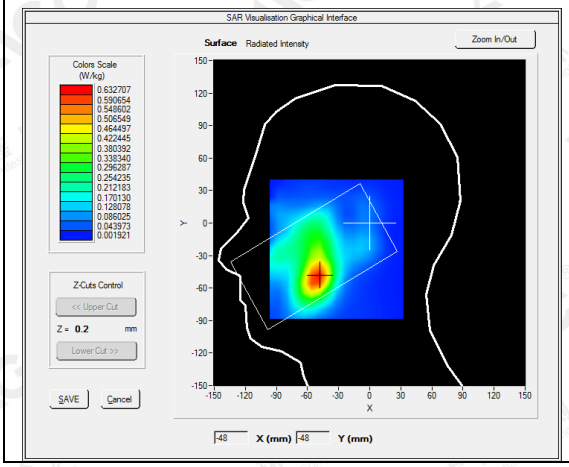
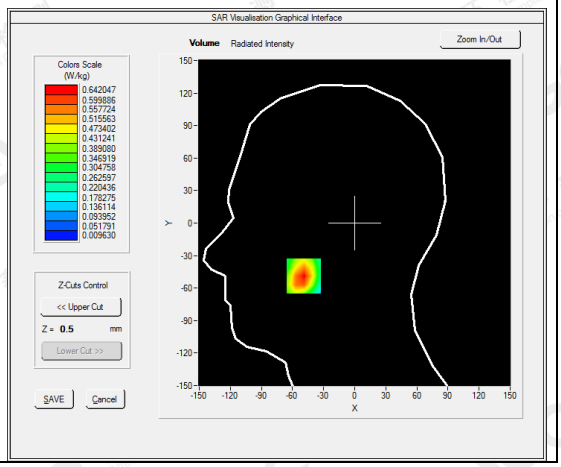
Test Laboratory: AGC Lab **Date: July 07,2018**
WCDMA Band II Mid-Touch-Right (RMC)
DUT: Smartphone; Type: VOLT_5XL

Communication System: UMTS; Communication System Band: Band II UTRA/FDD ;Duty Cycle:1:1; Conv.F=2.32; Frequency: 1880 MHz; Medium parameters used: f = 1900 MHz; σ= 1.39 mho/m; εr =40.57; ρ= 1000 kg/m³ ;
Phantom section: Right Section
Ambient temperature (℃): 22.1, Liquid temperature (℃): 21.7

SATIMO Configuration:
- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ WCDMA Band II Mid-Touch-Right/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ WCDMA Band II Mid-Touch-Right/Zoom Scan: Measurement grid:dx=8mm,dy=8mm,dz=5mm;

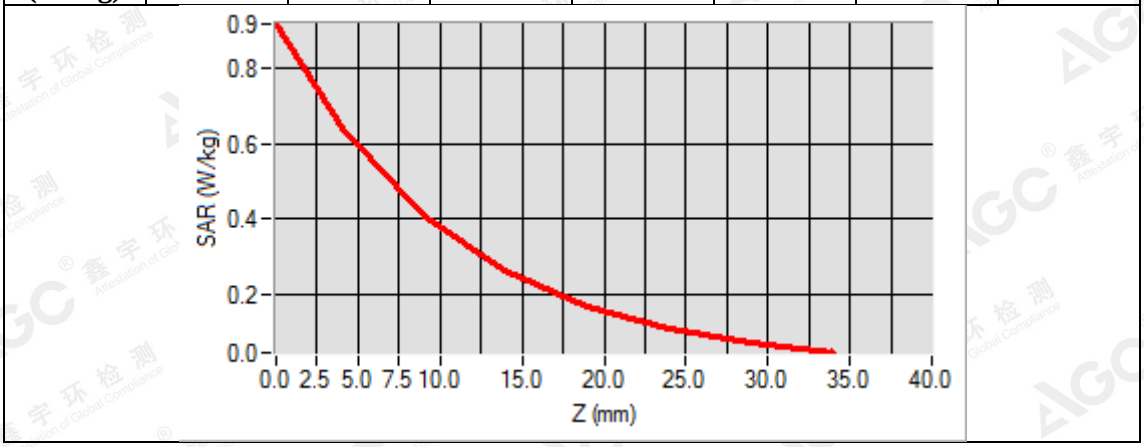
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Right head
Device Position	Cheek
Band	WCDMA Band II
Channels	Middle
Signal	CDMA (Crest factor: 1.0)

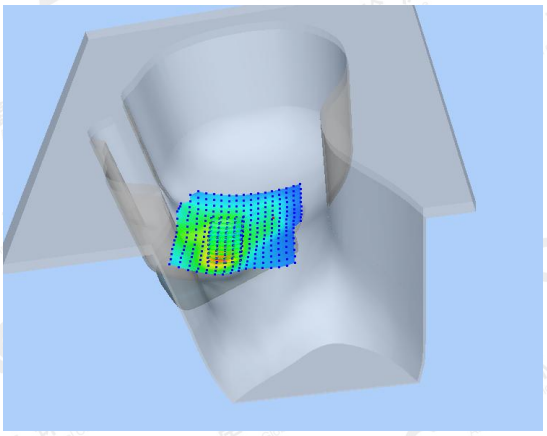
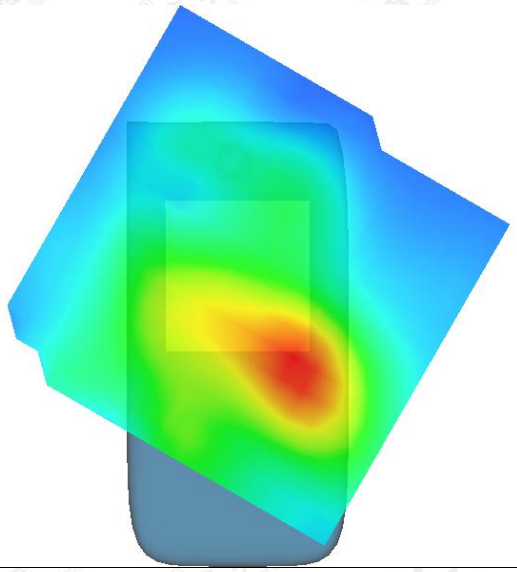
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-49.00, Y=-49.00
SAR Peak: 0.94 W/kg

SAR 10g (W/Kg)	0.351463
SAR 1g (W/Kg)	0.612004

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.9189	0.6420	0.4058	0.2606	0.1672	0.1068	0.0700



3D screen shot	Hot spot position
	

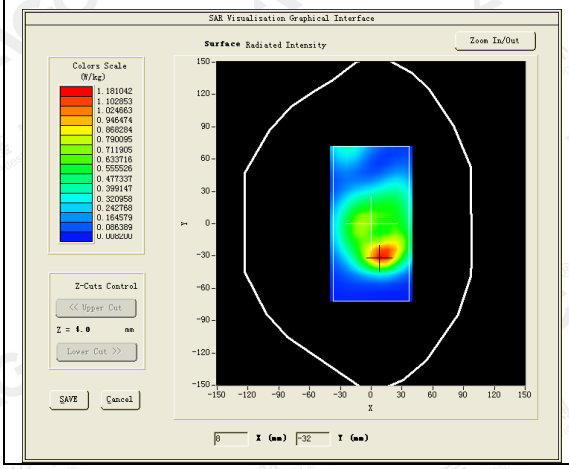
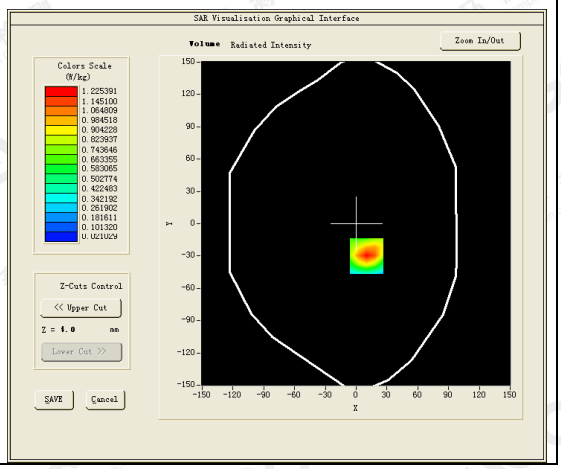
Test Laboratory: AGC Lab **Date: July 04,2018**
WCDMA Band II Low-Body-Towards Grounds (RMC 12.2kbps)
DUT: Smartphone; Type: VOLT_5XL

Communication System: UMTS; Communication System Band: Band II UTRA/FDD ;Duty Cycle:1:1; Conv.F=2.39;
Frequency: 1852.4 MHz; Medium parameters used: f = 1900 MHz; σ=1.48 mho/m; εr =54.63; ρ= 1000 kg/m^3 ;
Phantom section: Flat Section
Ambient temperature (℃): 22.3, Liquid temperature (℃): 21.9

SATIMO Configuration:
- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/ WCDMA band II Low-Body-back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ WCDMA band II Low-Body-back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

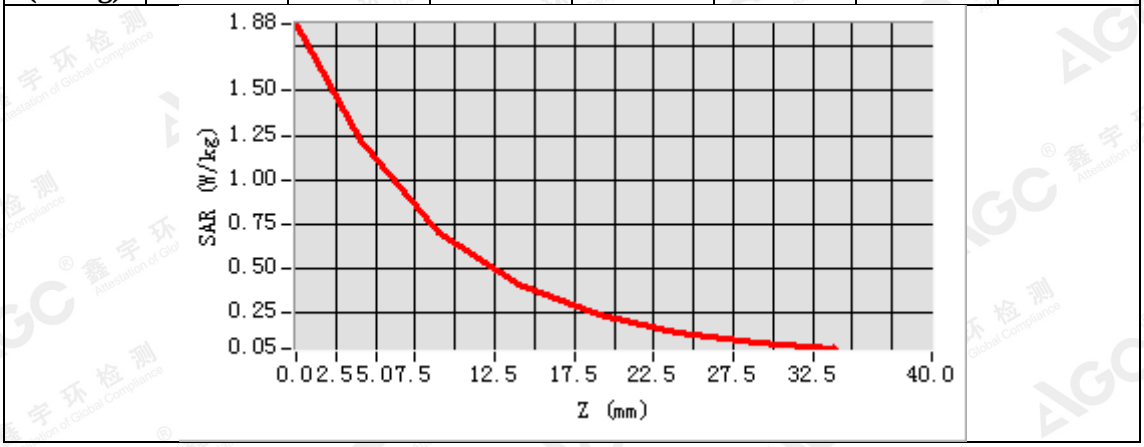
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Back
Band	WCDMA band II
Channels	Low
Signal	CDMA (Crest factor: 1.0)

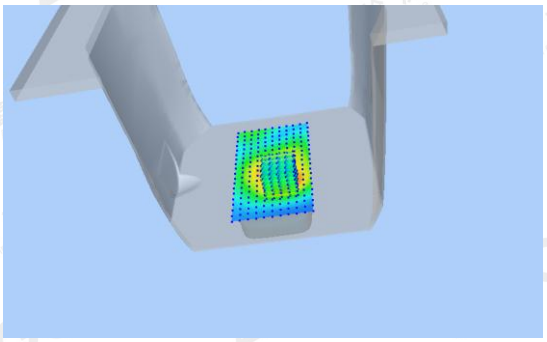
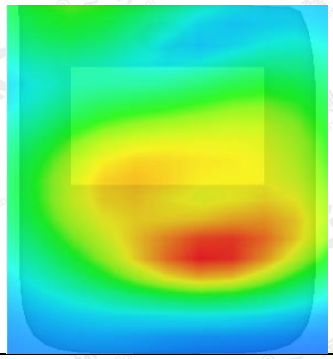
SURFACE SAR	VOLUME SAR
	

Maximum location: X=10.00, Y=-30.00
SAR Peak: 1.87 W/kg

SAR 10g (W/Kg)	0.615435
SAR 1g (W/Kg)	1.145959

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.8768	1.2254	0.7017	0.4064	0.2344	0.1364	0.0801



3D screen shot	Hot spot position
	

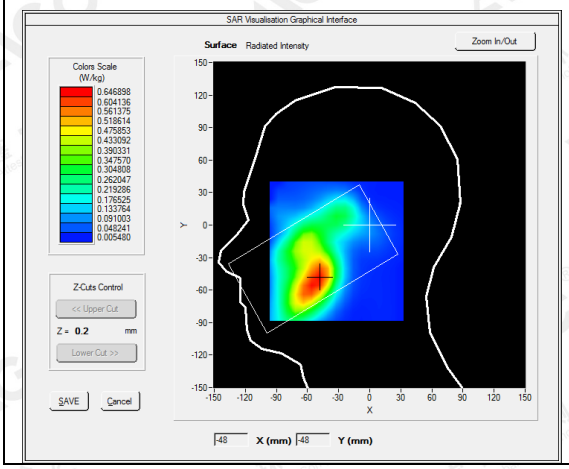
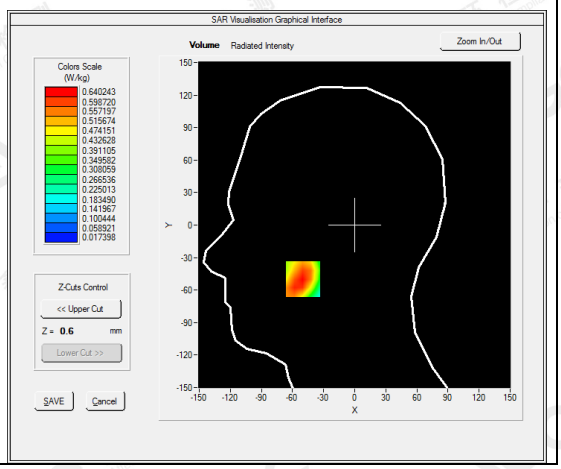
Test Laboratory: AGC Lab **Date: July 06,2018**
WCDMA Band IV Mid-Touch-Left (RMC)
DUT: Smartphone; Type: VOLT_5XL

Communication System: UMTS; Communication System Band: BAND IV UTRA/FDD; Duty Cycle:1: 1; Conv.F=1.99; Frequency:1732.5 MHz; Medium parameters used: f =1750 MHz; σ=1.36 mho/m; εr =40.27; ρ= 1000 kg/m³ ;
Phantom section: Left Section
Ambient temperature (℃): 21.9, Liquid temperature (℃): 21.3

SATIMO Configuration:
- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ WCDMA Band IV Mid-Touch-Left/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ WCDMA Band IV Mid-Touch-Left/Zoom Scan: Measurement grid: dx=8mm, dy=8mm, dz=5mm

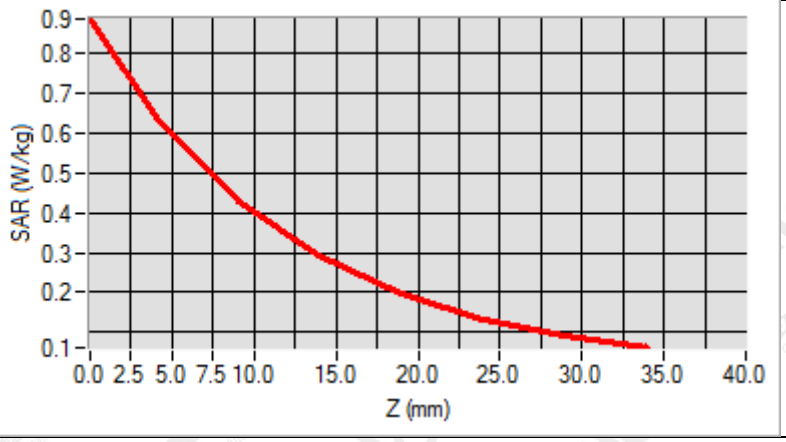
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Left head
Device Position	Cheek
Band	WCDMA Band IV
Channels	Middle
Signal	CDMA (Crest factor: 1.0)

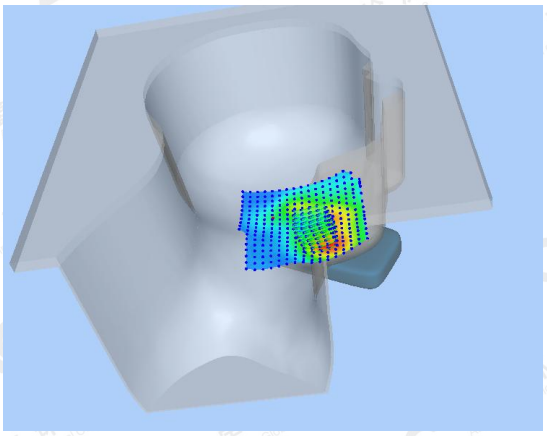
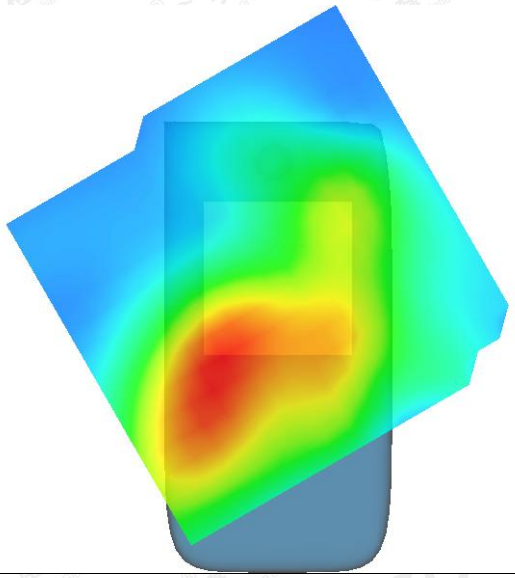
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-50.00, Y=-50.00
SAR Peak: 0.92 W/kg

SAR 10g (W/Kg)	0.386289
SAR 1g (W/Kg)	0.618260

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.8851	0.6402	0.4276	0.2929	0.1989	0.1311	0.0894



3D screen shot	Hot spot position
	

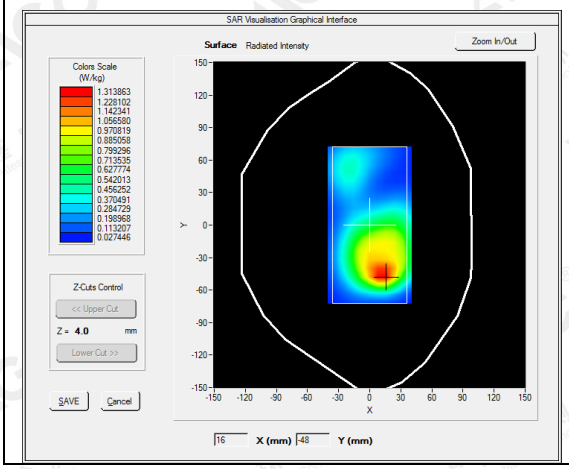
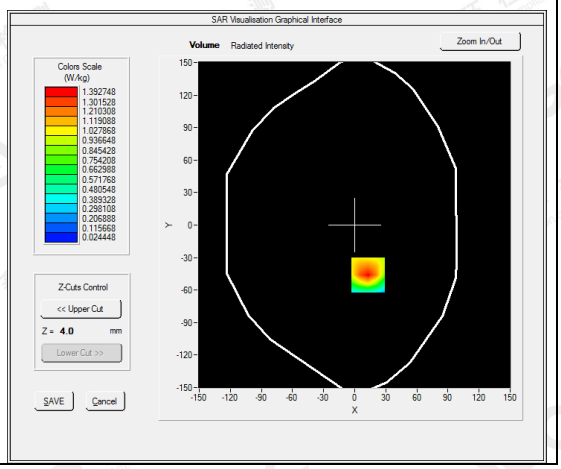
Test Laboratory: AGC Lab **Date: July 06,2018**
WCDMA Band IV Low-Body-Towards Grounds (RMC)
DUT: Smartphone; Type: VOLT_5XL

Communication System: UMTS; Communication System Band: BAND IV UTRA/FDD; Duty Cycle:1: 1; Conv.F=2.05; Frequency:1712.5MHz; Medium parameters used: f = 1750 MHz; σ= 1.44 mho/m; εr =55.05; ρ= 1000 kg/m^3;
Phantom section: Flat Section
Ambient temperature (℃): 21.9, Liquid temperature (℃): 21.5

SATIMO Configuration:
- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ WCDMA Band IV Low-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ WCDMA Band IV Low-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

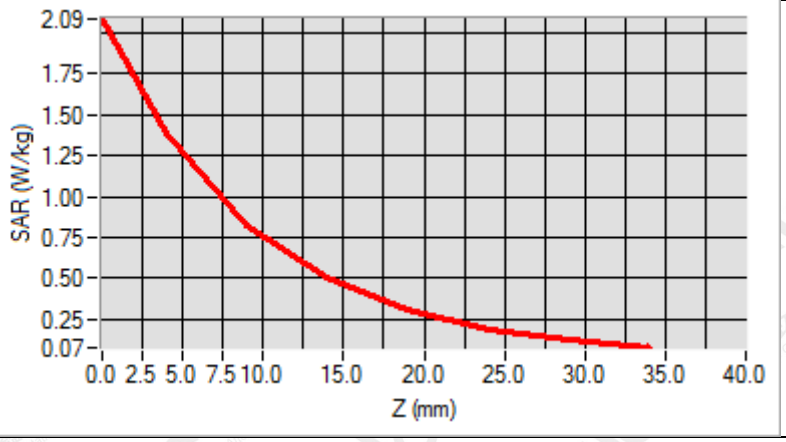
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Back
Band	WCDMA Band IV
Channels	Low
Signal	CDMA (Crest factor: 1.0)

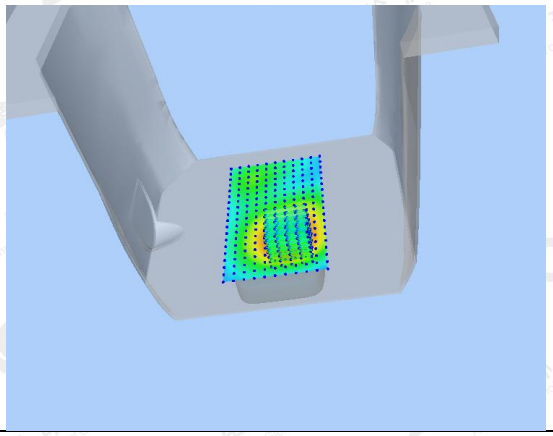
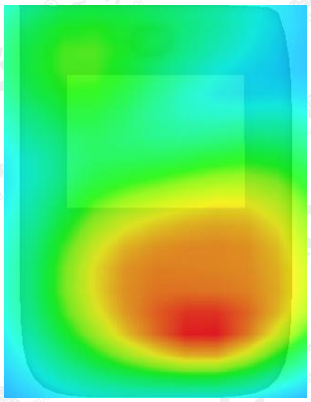
SURFACE SAR	VOLUME SAR
	

Maximum location: X=13.00, Y=-46.00
SAR Peak: 2.07 W/kg

SAR 10g (W/Kg)	0.743672
SAR 1g (W/Kg)	1.305471

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.0877	1.3927	0.8277	0.5058	0.3068	0.1877	0.1157



3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: July 05,2018**

WCDMA Band Ⅴ Mid-Touch-Left (RMC)

DUT: Smartphone; Type: VOLT_5XL

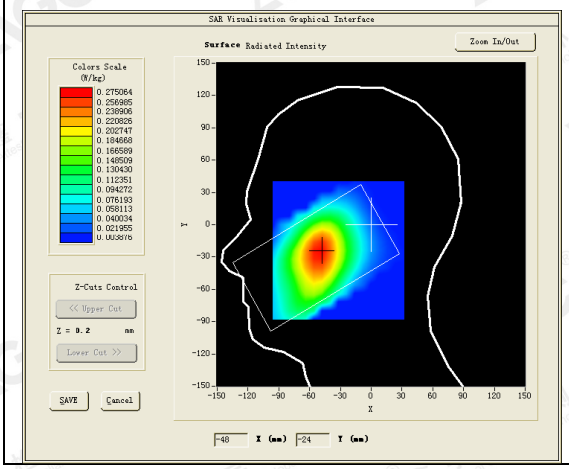
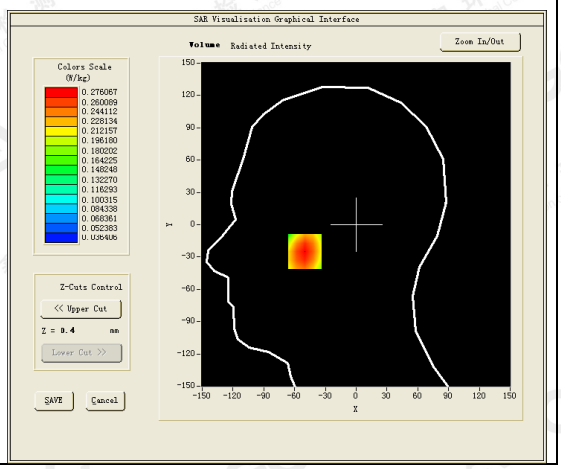
Communication System: UMTS; Communication System Band: BAND V UTRA/FDD ; Duty Cycle:1: 1; Conv.F=1.74;
Frequency: 836.6 MHz; Medium parameters used: f = 835MHz; σ= 0.91 mho/m; εr = 41.77; ρ= 1000 kg/m³ ;
Phantom section: Left Section
Ambient temperature (℃): 22.1, Liquid temperature (℃): 21.2

SATIMO Configuration:

- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/ WCDMA Band V Mid-Touch-Left/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ WCDMA Band V Mid-Touch-Left/Zoom Scan: Measurement grid: dx=8mm, dy=8mm, dz=5mm

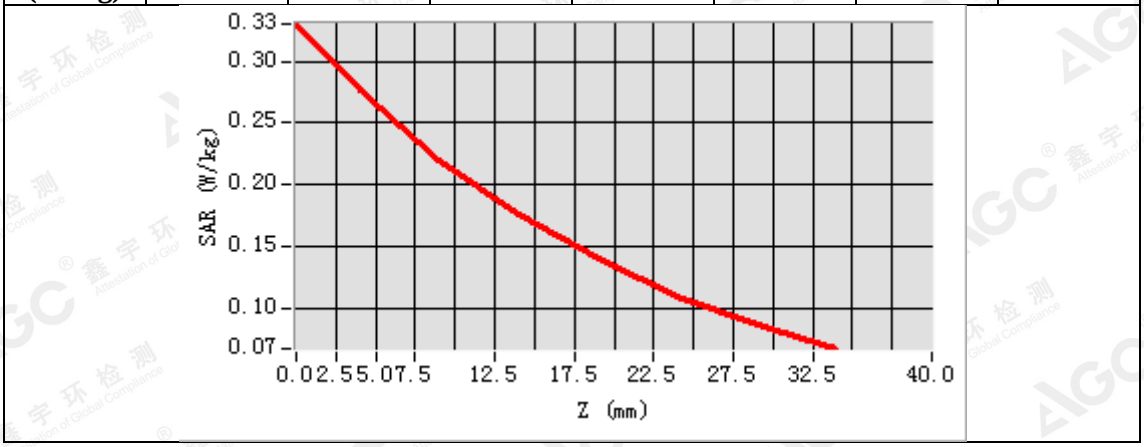
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Left head
Device Position	Cheek
Band	WCDMA Band V
Channels	Middle
Signal	CDMA (Crest factor: 1.0)

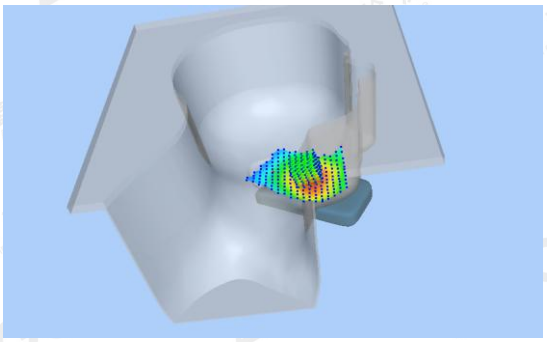
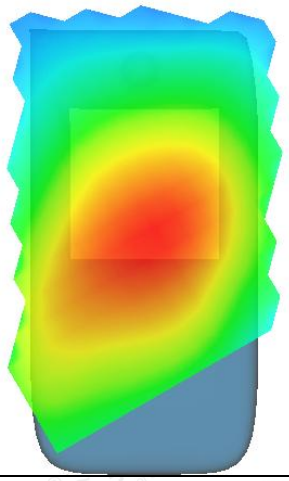
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-50.00, Y=-25.00
SAR Peak: 0.33 W/kg

SAR 10g (W/Kg)	0.197885
SAR 1g (W/Kg)	0.266066

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3301	0.2761	0.2201	0.1761	0.1393	0.1098	0.0863



3D screen shot	Hot spot position
	

Test Laboratory: AGC Lab **Date: July 05,2018**

WCDMA Band Ⅴ Mid-Body-Towards Grounds (RMC)

DUT: Smartphone; Type: VOLT_5XL

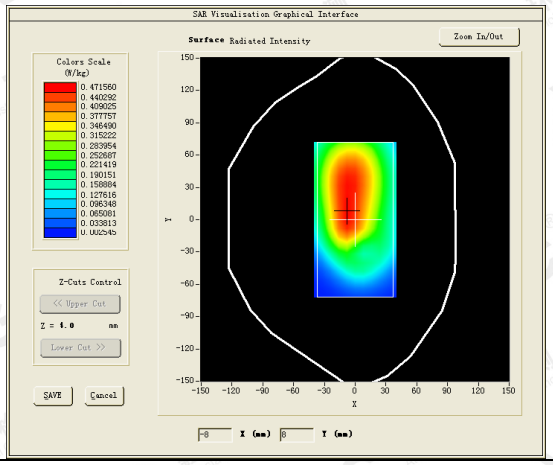
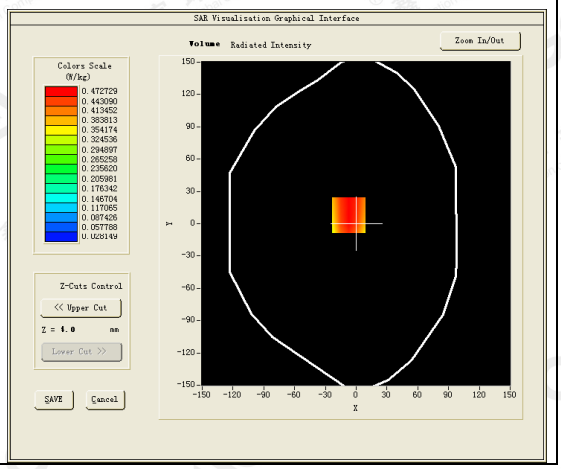
Communication System: UMTS; Communication System Band: BAND V UTRA/FDD; Duty Cycle:1: 1; Conv.F=1.81; Frequency: 836.6 MHz; Medium parameters used: f = 835MHz; σ=0.96 mho/m; εr =54.69; ρ= 1000 kg/m³ ;
Phantom section: Flat Section
Ambient temperature (℃): 22.1, Liquid temperature (℃): 21.5

SATIMO Configuration:

- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/ WCDMA Band V Mid-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ WCDMA Band V Mid-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

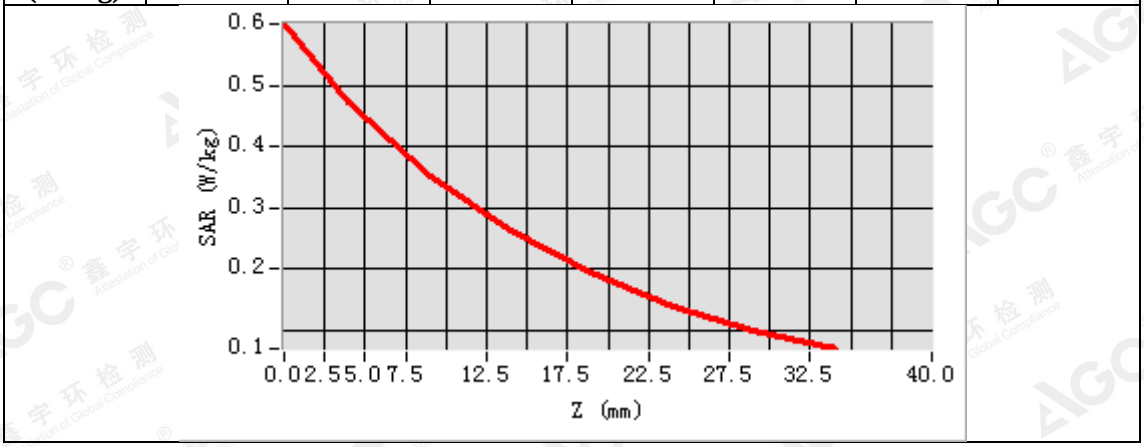
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Back
Band	WCDMA Band V
Channels	Middle
Signal	CDMA (Crest factor: 1.0)

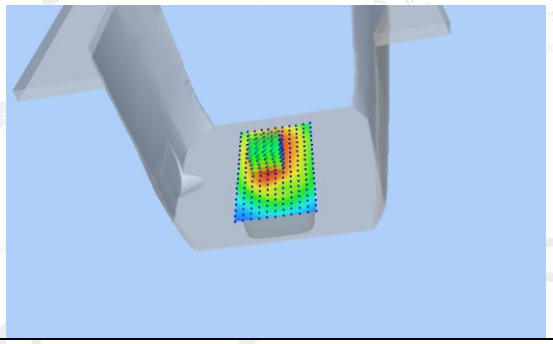
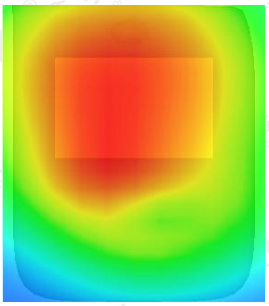
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-7.00, Y=8.00
SAR Peak: 0.60 W/kg

SAR 10g (W/Kg)	0.330002
SAR 1g (W/Kg)	0.460013

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.5997	0.4727	0.3527	0.2623	0.1956	0.1409	0.1003



3D screen shot	Hot spot position
	

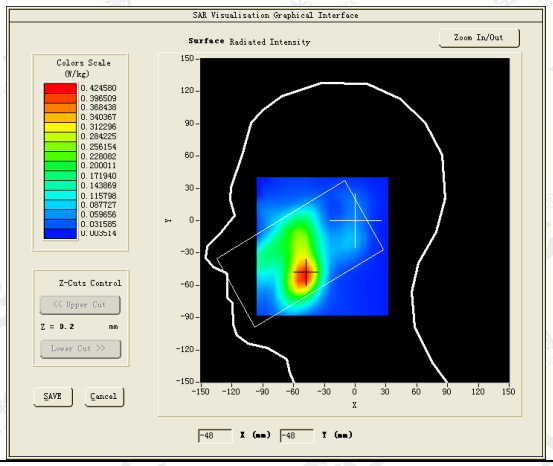
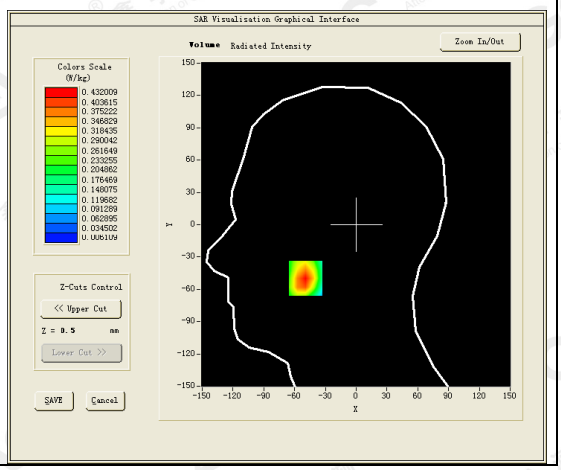
Test Laboratory: AGC Lab **Date: June 25,2018**
LTE Band 2 Mid-Touch-Right (1 RB#0)
DUT: Smartphone; Type: VOLT_5XL

Communication System: LTE; Communication System Band: LTE Band 2; Duty Cycle:1:1; Conv.F=2.32; Frequency:1880MHz; Medium parameters used: f =1900 MHz; σ= 1.38 mho/m; εr =40.67; ρ= 1000 kg/m^3 ;
Phantom section: Right Section
Ambient temperature (℃): 21.8, Liquid temperature (℃): 21.2

SATIMO Configuration:
- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/ LTE Band 2 Mid- Touch-Right /Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 2 Mid- Touch-Right /Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

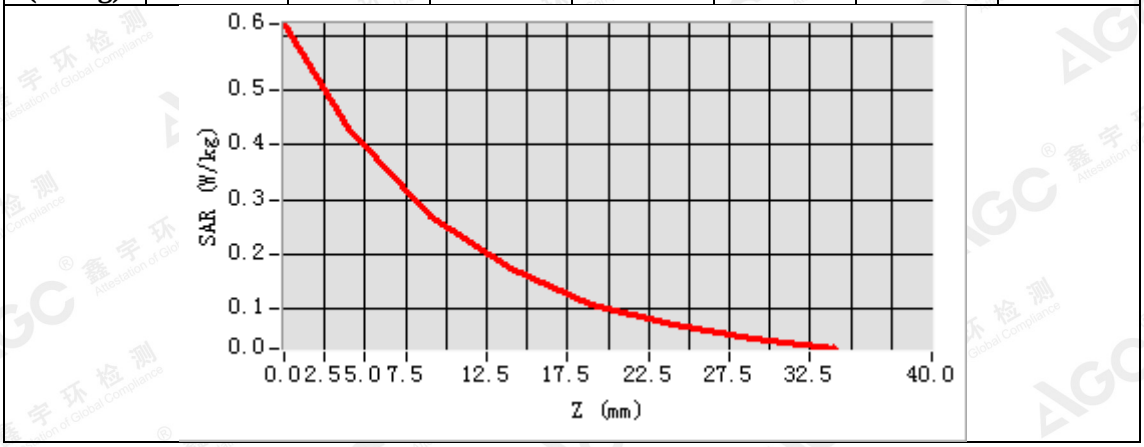
Area Scan	sam_direct_droit2_surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 2
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

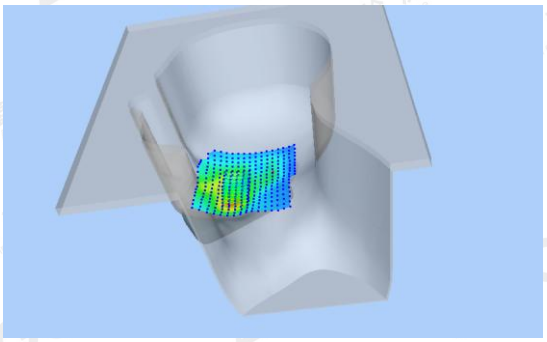
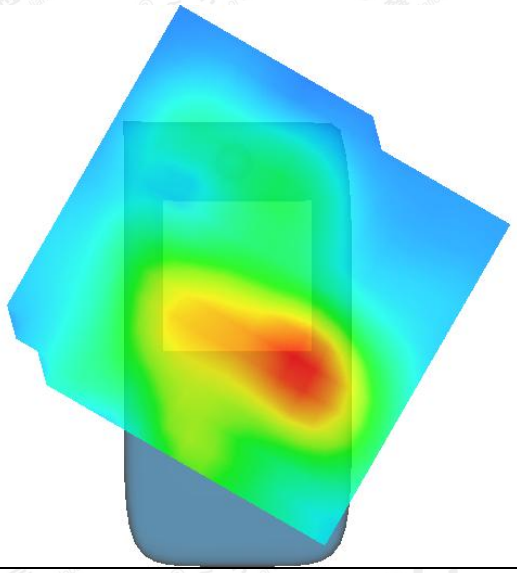
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-49.00, Y=-50.00
SAR Peak: 0.63 W/kg

SAR 10g (W/Kg)	0.233773
SAR 1g (W/Kg)	0.410553

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.6210	0.4320	0.2711	0.1746	0.1099	0.0701	0.0449



3D screen shot	Hot spot position
	

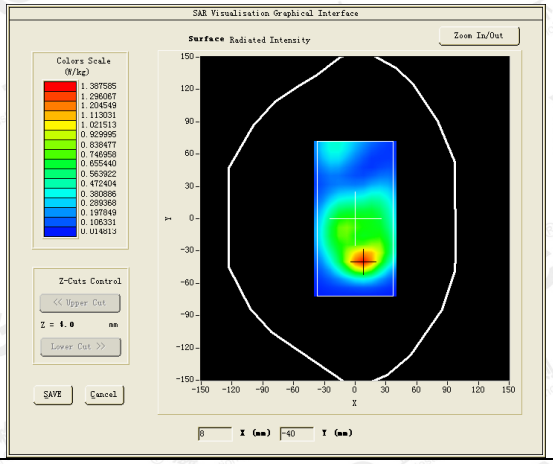
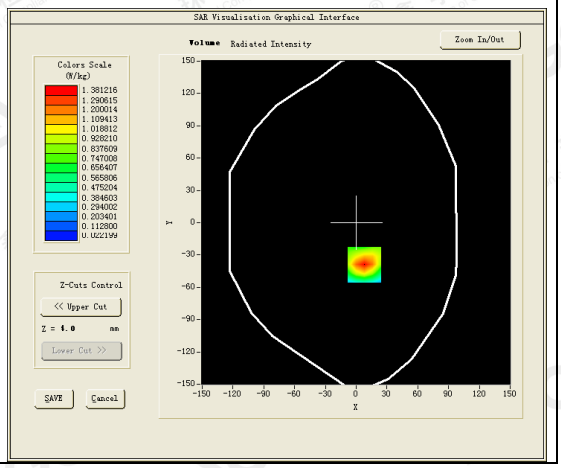
Test Laboratory: AGC Lab **Date: June 25,2018**
LTE Band 2 Low-Body-Back (1 RB#0)
DUT: Smartphone; Type: VOLT_5XL

Communication System: LTE; Communication System Band: LTE Band 2; Duty Cycle:1:1; Conv.F=2.39; Frequency:1860MHz; Medium parameters used: f = 1900 MHz; σ= 1.48 mho/m; εr =54.16; ρ= 1000 kg/m^3 ;
Phantom section: Flat Section
Ambient temperature (℃): 21.8, Liquid temperature (℃): 21.5

SATIMO Configuration:
- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/ LTE Band 2 Low-Body-back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 2 Low-Body-back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

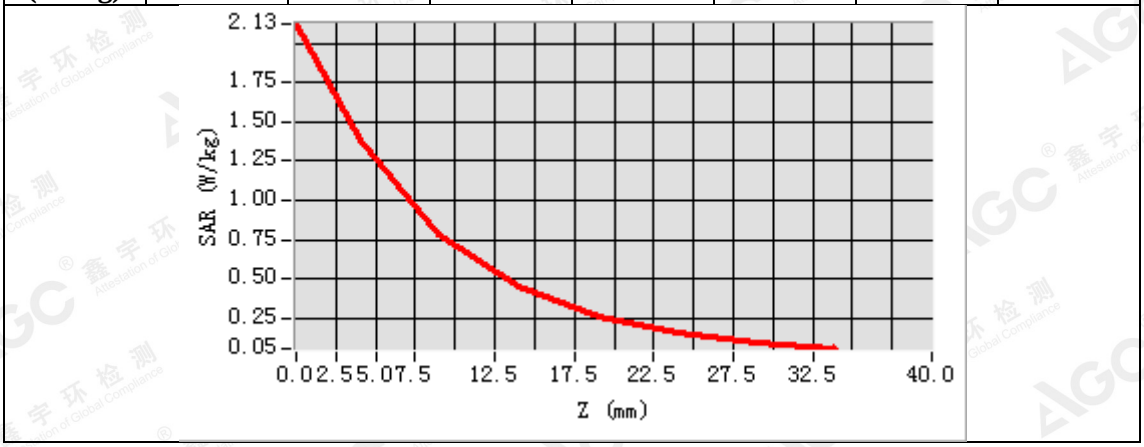
Area Scan	sam_direct_droit2_surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band 2
Channels	Low
Signal	OFDM (Crest factor: 1.0)

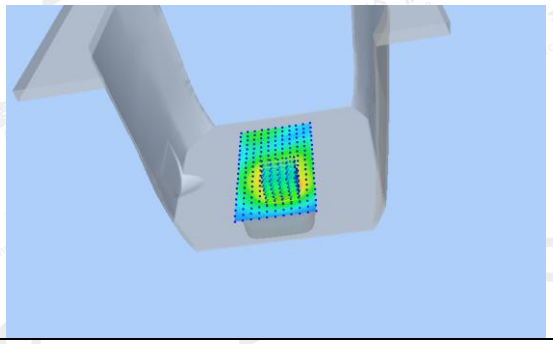
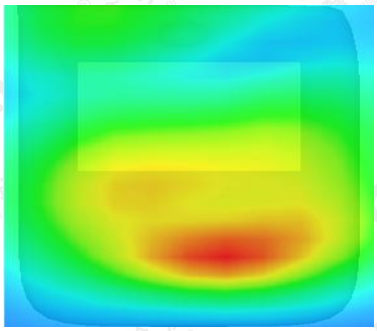
SURFACE SAR	VOLUME SAR
	

Maximum location: X=8.00, Y=-39.00
SAR Peak: 2.11 W/kg

SAR 10g (W/Kg)	0.685553
SAR 1g (W/Kg)	1.285035

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.1261	1.3812	0.7852	0.4524	0.2606	0.1511	0.0899



3D screen shot	Hot spot position
	

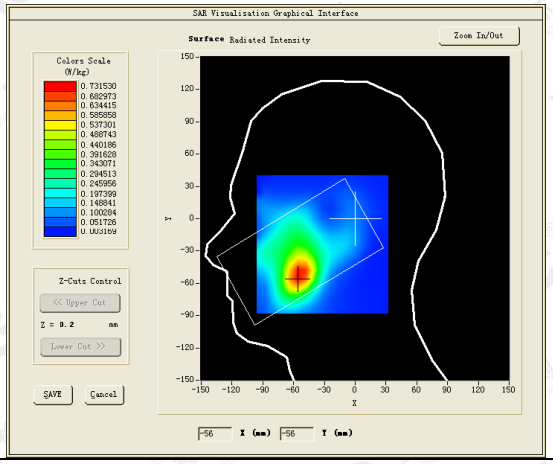
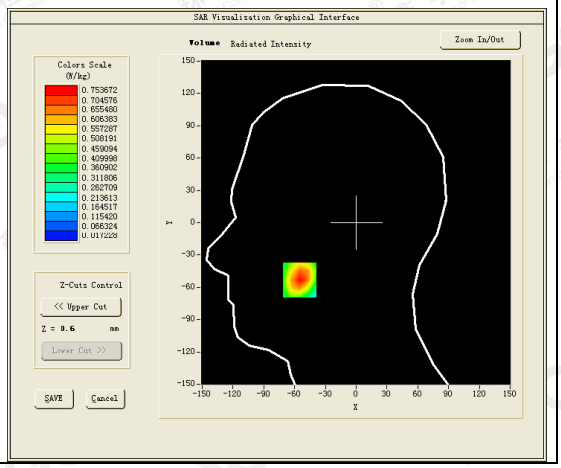
Test Laboratory: AGC Lab **Date: July 09,2018**
LTE Band 4 Mid-Touch-Right (1 RB#0)
DUT: Smartphone; Type: VOLT_5XL

Communication System: LTE; Communication System Band: LTE Band 4; Duty Cycle:1:1; Conv.F=1.99
Frequency:1732.5 MHz; Medium parameters used: f =1750 MHz; σ= 1.36mho/m; εr =40.35; ρ= 1000 kg/m³ ;
Phantom section: Right Section
Ambient temperature (℃): 23.1, Liquid temperature (℃): 22.5

SATIMO Configuration:
- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/ LTE Band 4 Mid- Touch-Right /Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 4 Mid- Touch-Right /Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

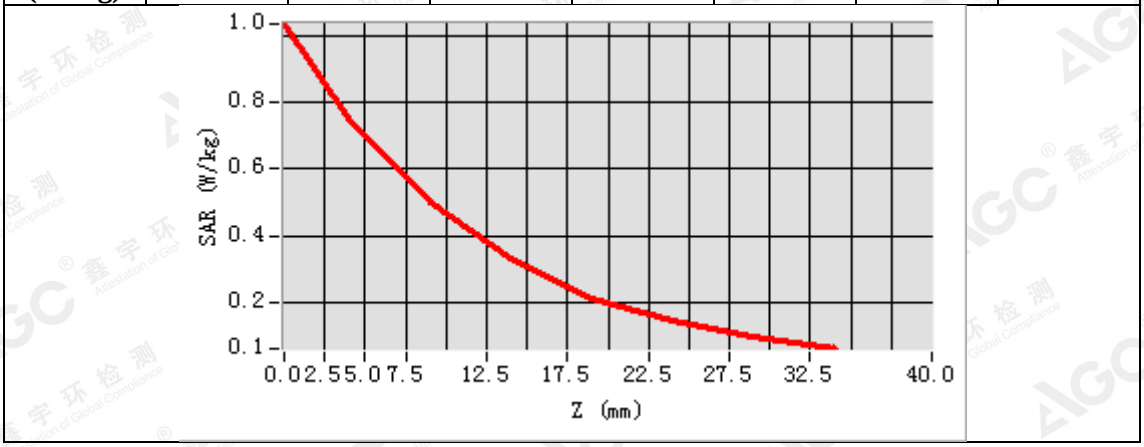
Area Scan	sam_direct_droit2_surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 4
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

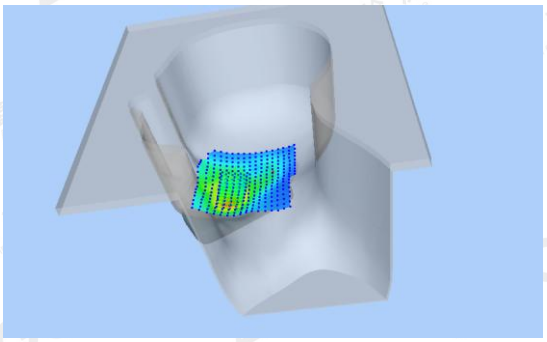
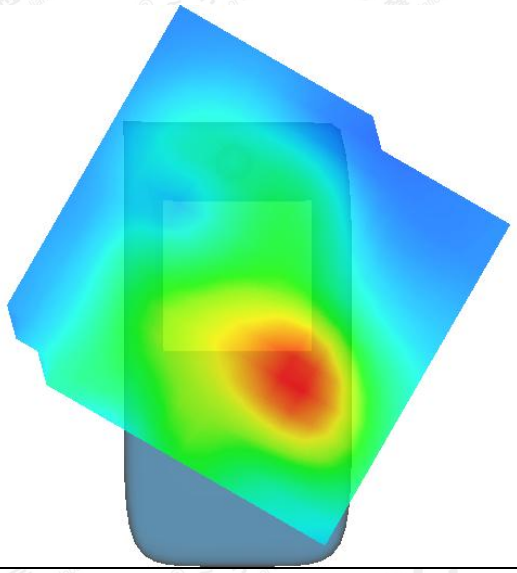
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-55.00, Y=-53.00
SAR Peak: 1.06 W/kg

SAR 10g (W/Kg)	0.428193
SAR 1g (W/Kg)	0.711536

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.0352	0.7537	0.4996	0.3292	0.2144	0.1460	0.0948



3D screen shot	Hot spot position
	

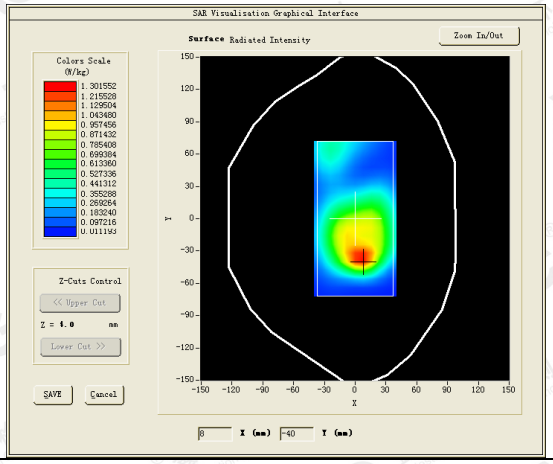
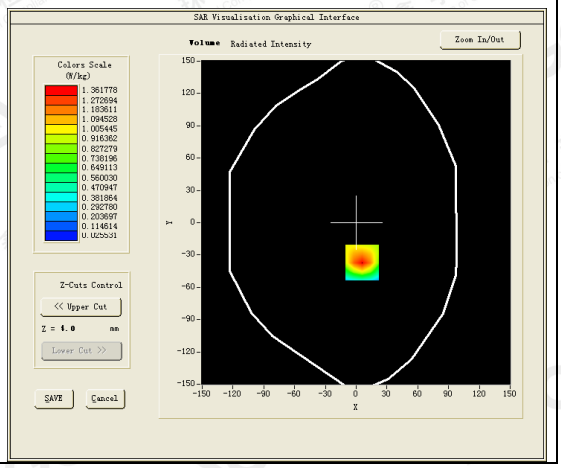
Test Laboratory: AGC Lab **Date: July 09,2018**
LTE Band 4 Mid-Body-Back (1 RB#0)
DUT: Smartphone; Type: VOLT_5XL

Communication System: LTE; Communication System Band: LTE Band 4; Duty Cycle:1:1; Conv.F=2.05;
Frequency:1732.5 MHz; Medium parameters used: f = 1750 MHz; σ=1.47 mho/m; εr =54.26; ρ= 1000 kg/m³ ;
Phantom section: Flat Section
Ambient temperature (℃): 23.1, Liquid temperature (℃): 22.6

SATIMO Configuration:
- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/ LTE Band 4 Mid-Body-back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 4 Mid-Body-back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

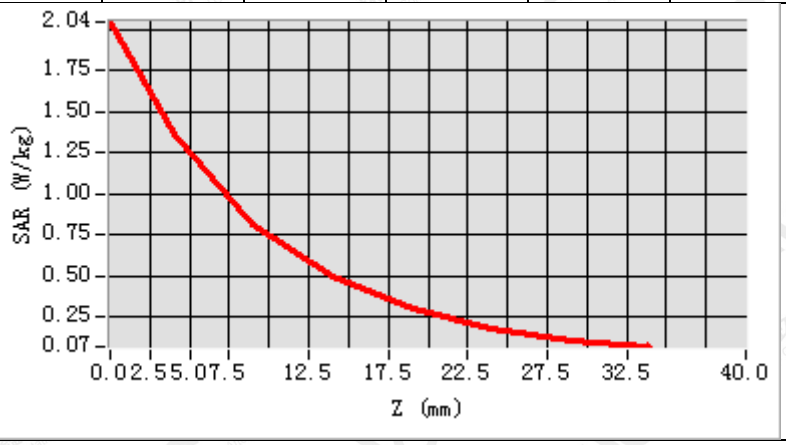
Area Scan	sam_direct_droit2_surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band 4
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

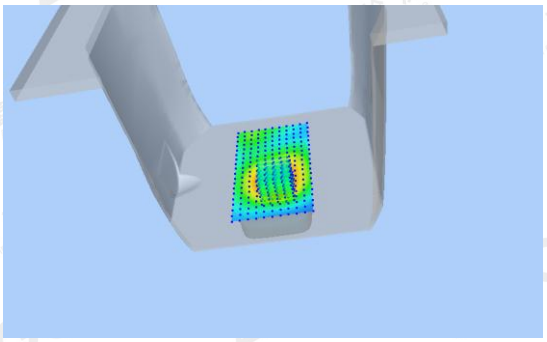
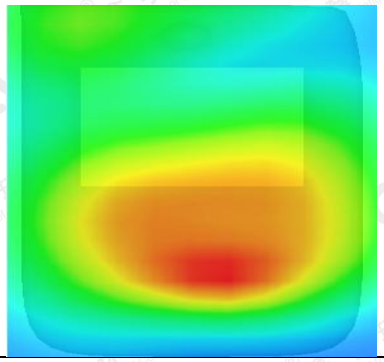
SURFACE SAR	VOLUME SAR
	

Maximum location: X=6.00, Y=-37.00
SAR Peak: 2.03 W/kg

SAR 10g (W/Kg)	0.716884
SAR 1g (W/Kg)	1.273462

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.0435	1.3618	0.8075	0.4915	0.2973	0.1807	0.1111



3D screen shot	Hot spot position
	

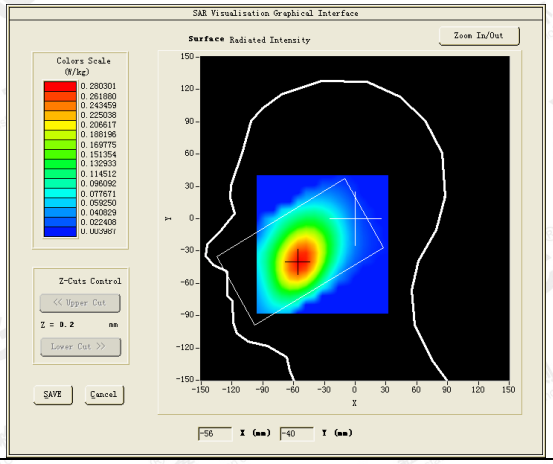
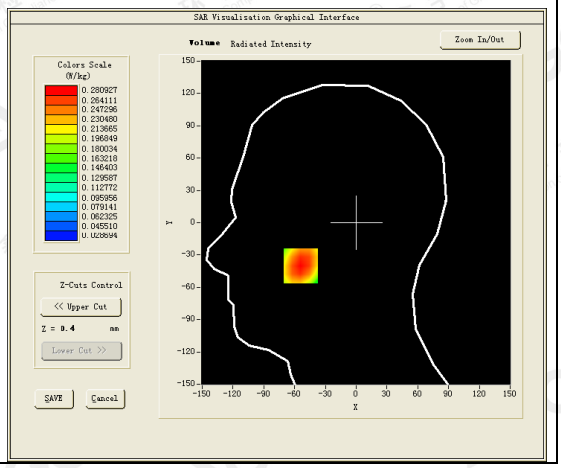
Test Laboratory: AGC Lab **Date: June 30,2018**
LTE Band 5 Mid-Touch-Right (1 RB#0)
DUT: Smartphone; Type: VOLT_5XL

Communication System: LTE; Communication System Band: LTE Band 5; Duty Cycle:1:1; Conv.F=1.74
Frequency: 836.5 MHz; Medium parameters used: f = 835 MHz; σ=0.89 mho/m; εr =40.96; ρ= 1000 kg/m^3 ;
Phantom section: Right Section
Ambient temperature (℃): 21.8, Liquid temperature (℃): 21.5

SATIMO Configuration:
Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/ LTE Band 5 Mid- Touch-Right /Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 5 Mid- Touch-Right /Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

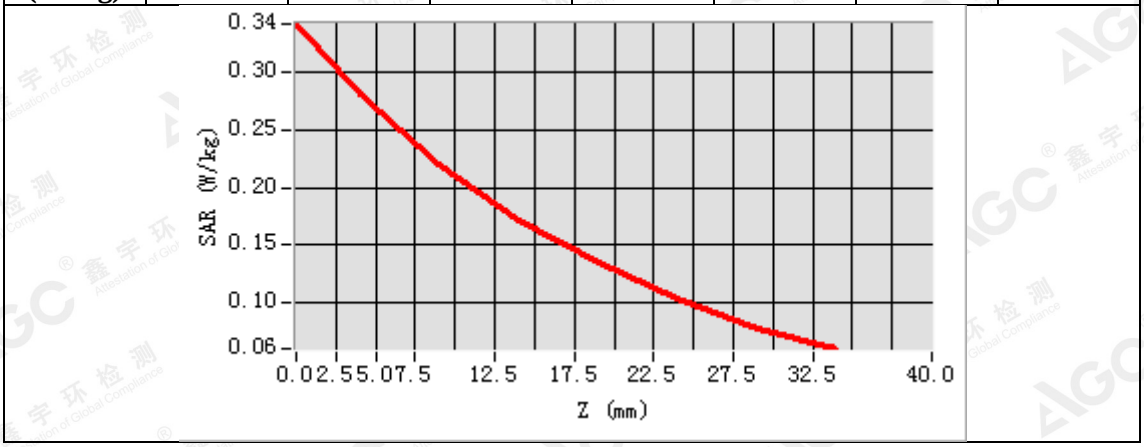
Area Scan	sam_direct_droit2_surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	LTE Band 5
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

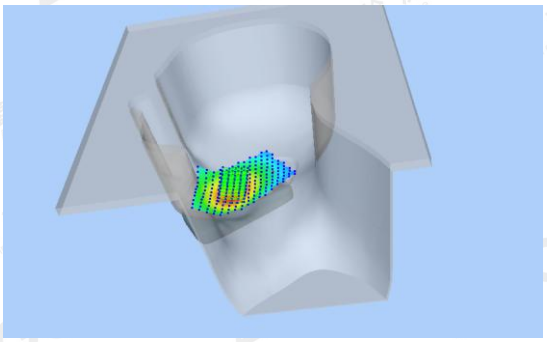
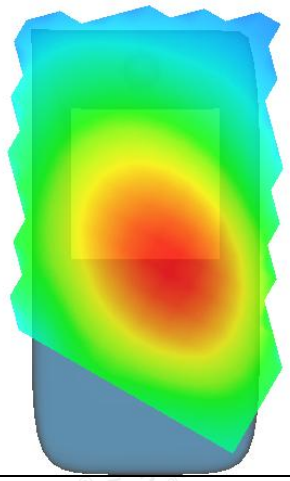
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-54.00, Y=-40.00
SAR Peak: 0.35 W/kg

SAR 10g (W/Kg)	0.199809
SAR 1g (W/Kg)	0.271932

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3419	0.2809	0.2210	0.1716	0.1344	0.1036	0.0780



3D screen shot	Hot spot position
	

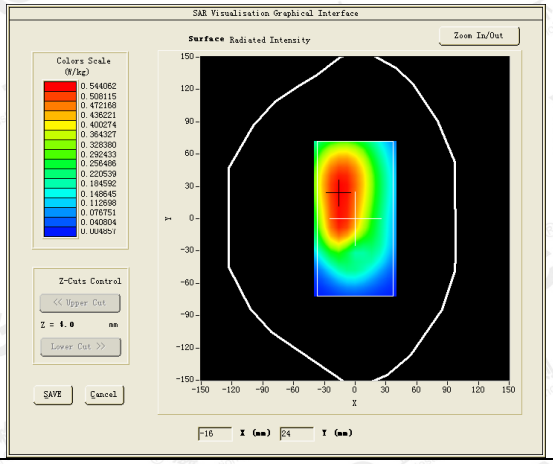
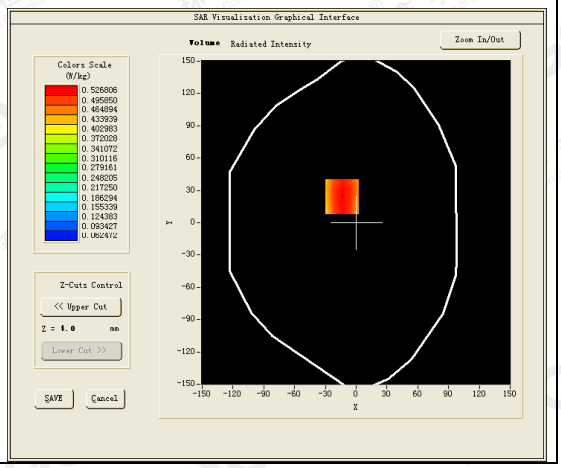
Test Laboratory: AGC Lab **Date: June 30,2018**
LTE Band 5 Mid-Body-Back (1 RB#0)
DUT: Smartphone; Type: VOLT_5XL

Communication System: LTE; Communication System Band: LTE Band 5; Duty Cycle:1:1; Conv.F=1.81
Frequency:836.5 MHz; Medium parameters used: f = 835 MHz; σ=0.95mho/m; εr =54.51; ρ= 1000 kg/m^3 ;
Phantom section: Flat Section
Ambient temperature (℃): 21.8, Liquid temperature (℃): 21.5

SATIMO Configuration:
- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/ LTE Band 5 Mid-Body-back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 5 Mid-Body-back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

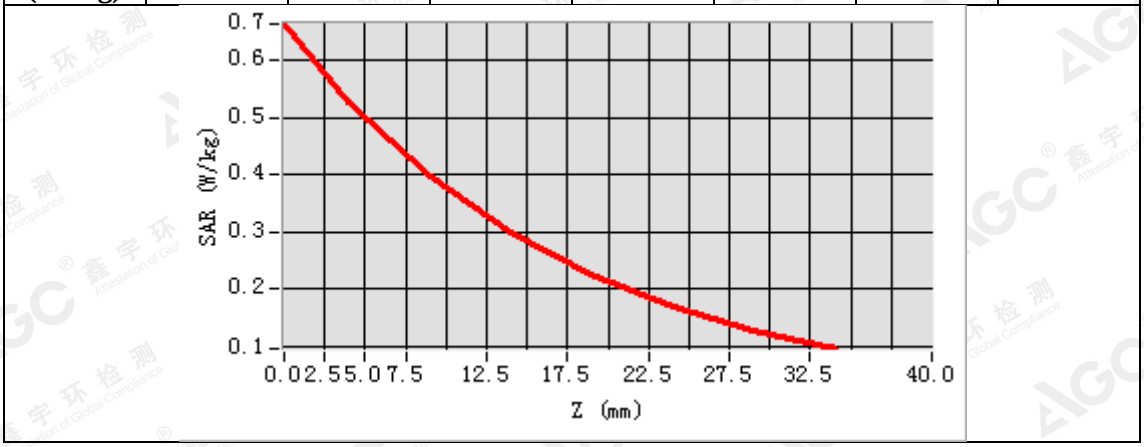
Area Scan	sam_direct_droit2_surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band 5
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

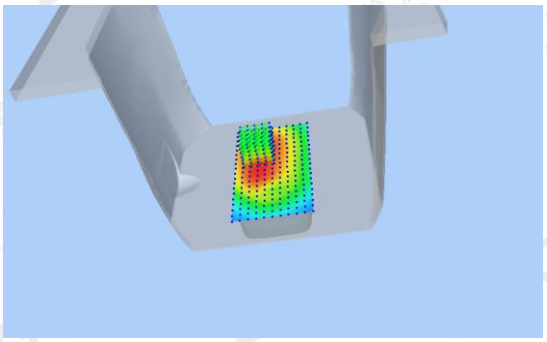
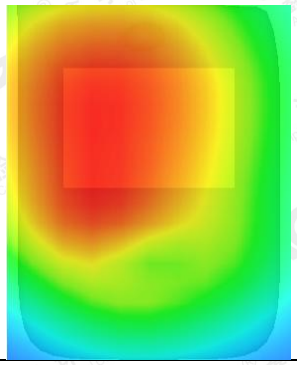
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-14.00, Y=24.00
SAR Peak: 0.66 W/kg

SAR 10g (W/Kg)	0.371145
SAR 1g (W/Kg)	0.510824

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.6631	0.5268	0.3957	0.2988	0.2260	0.1701	0.1285



3D screen shot	Hot spot position
	

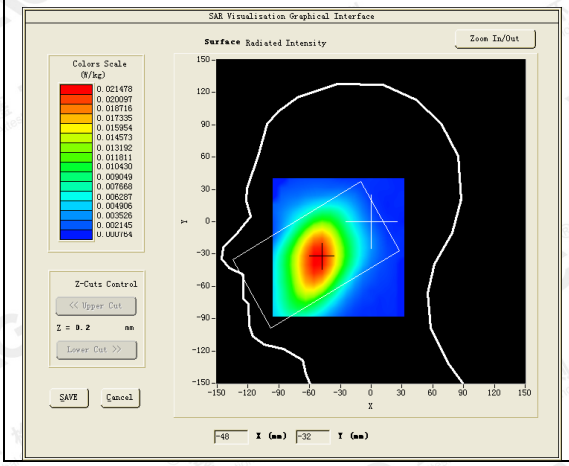
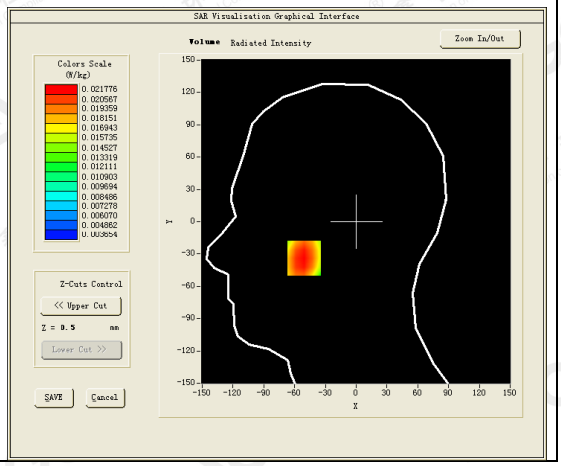
Test Laboratory: AGC Lab **Date: July 02,2018**
LTE Band 12 Mid-Touch-Left (1 RB#0)
DUT: Smartphone; Type: VOLT_5XL

Communication System: LTE; Communication System Band: LTE Band 12; Duty Cycle:1:1; Conv.F=1.61
Frequency: 707.5 MHz; Medium parameters used: f = 750 MHz; σ=0.86 mho/m; εr =43.35; ρ= 1000 kg/m^3 ;
Phantom section: Left Section
Ambient temperature (℃): 22.0, Liquid temperature (℃): 21.3

SATIMO Configuration:
- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/ LTE Band 12 Mid- Touch-Left /Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 12 Mid- Touch-Left /Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

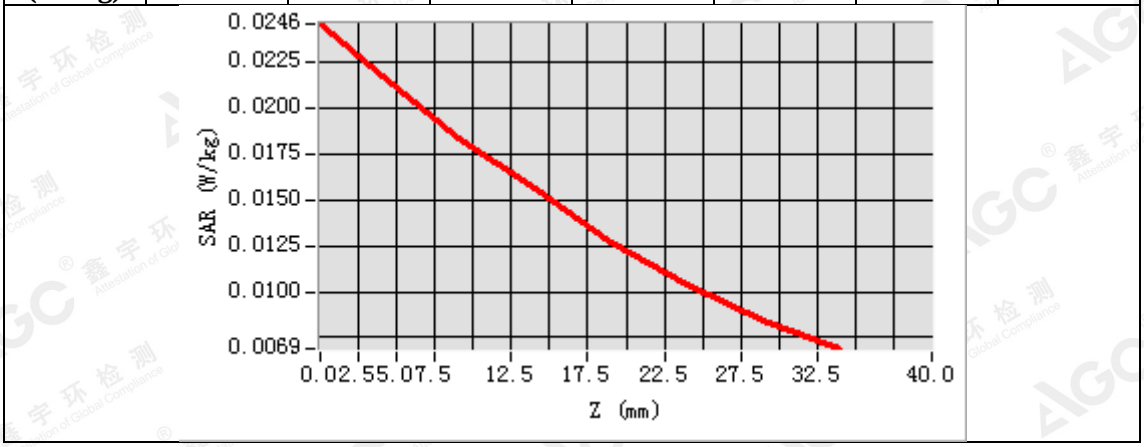
Area Scan	sam_direct_droit2_surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Left head
Device Position	Cheek
Band	LTE Band 12
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

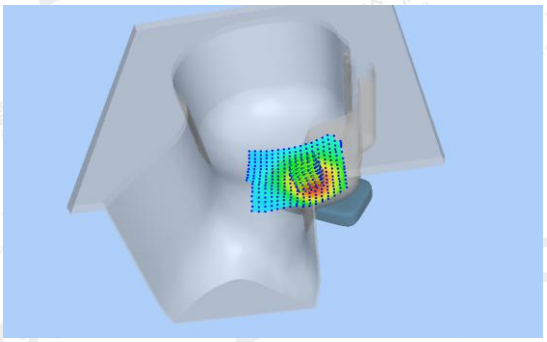
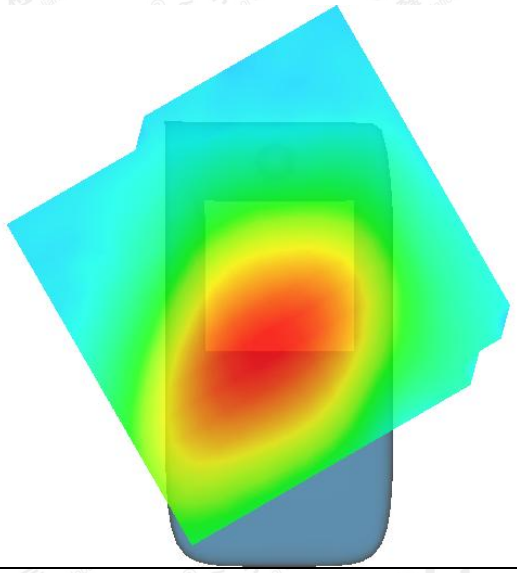
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-51.00, Y=-34.00
SAR Peak: 0.03 W/kg

SAR 10g (W/Kg)	0.017101
SAR 1g (W/Kg)	0.021748

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0246	0.0218	0.0184	0.0157	0.0127	0.0104	0.0084



3D screen shot	Hot spot position
	

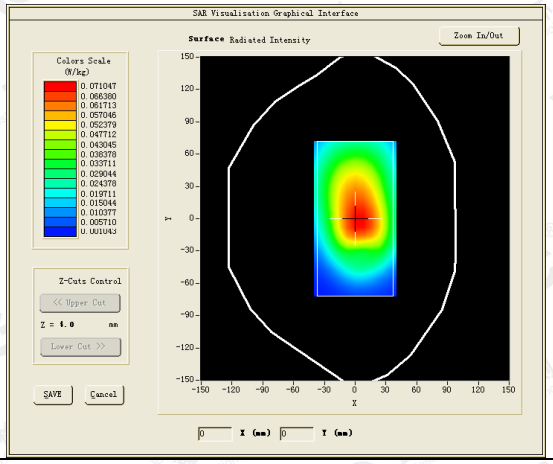
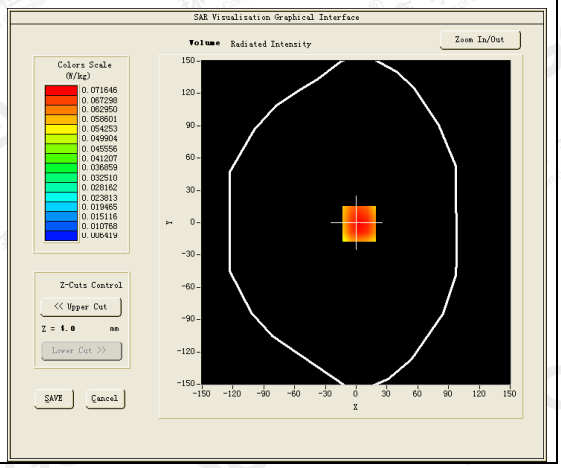
Test Laboratory: AGC Lab **Date: July 02,2018**
LTE Band 12 Mid-Body-Back (1 RB#0)
DUT: Smartphone; Type: VOLT_5XL

Communication System: LTE; Communication System Band: LTE Band 12; Duty Cycle:1:1; Conv.F=1.66;
Frequency: 707.5 MHz; Medium parameters used: f = 750 MHz; σ=0.93 mho/m; εr =56.69; ρ= 1000 kg/m³ ;
Phantom section: Flat Section
Ambient temperature (℃): 22.0, Liquid temperature (℃): 21.5

SATIMO Configuration:
- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/ LTE Band 12 Mid-Body-back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 12 Mid-Body-back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

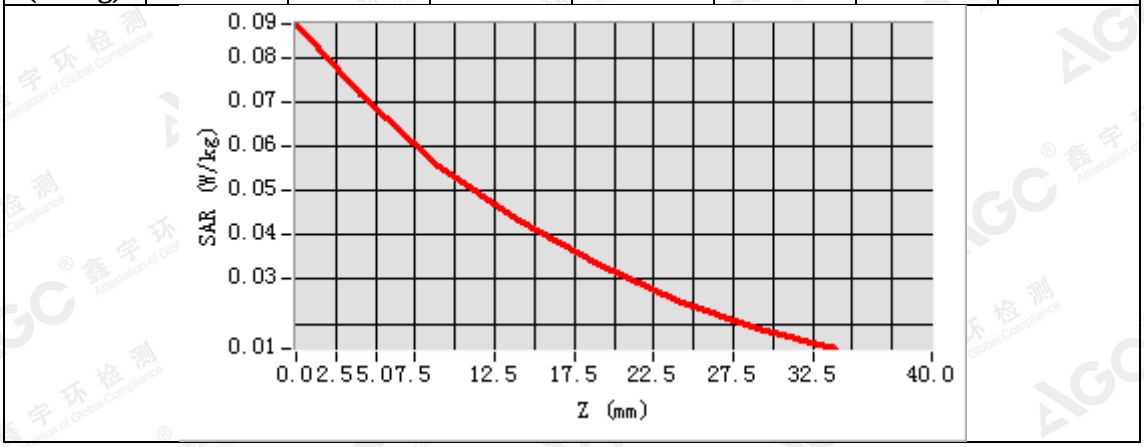
Area Scan	sam_direct_droit2_surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band 12
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

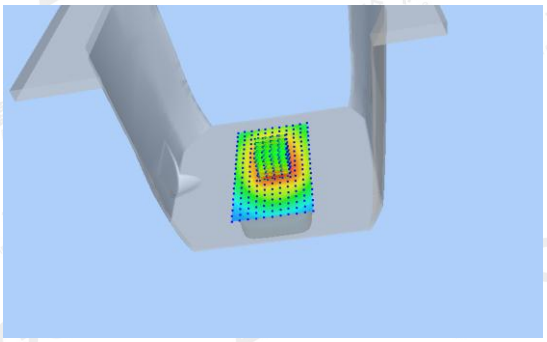
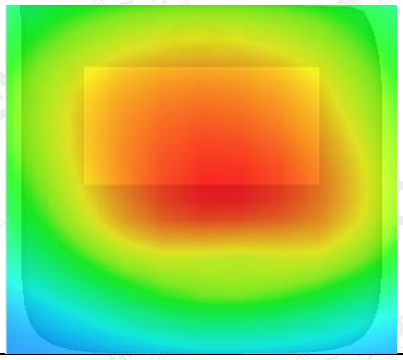
SURFACE SAR	VOLUME SAR
	

Maximum location: X=3.00, Y=-1.00
SAR Peak: 0.09 W/kg

SAR 10g (W/Kg)	0.054313
SAR 1g (W/Kg)	0.073986

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0876	0.0716	0.0557	0.0434	0.0334	0.0252	0.0191



3D screen shot	Hot spot position
	

WIFI MODE

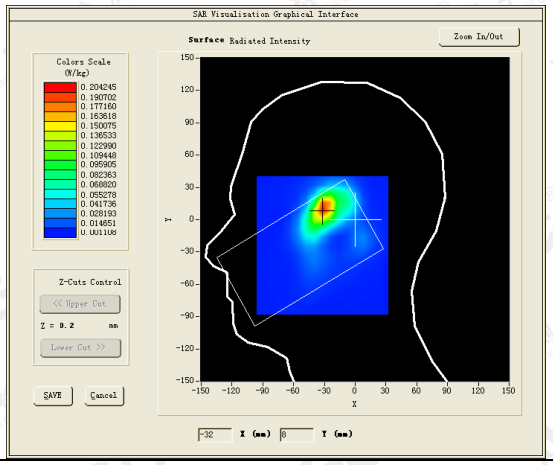
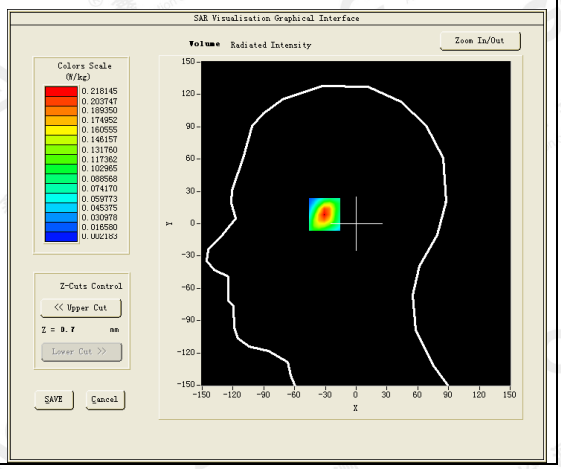
Test Laboratory: AGC Lab **Date: June 29,2018**
802.11b High-Touch-Right
DUT: Smartphone; Type: VOLT_5XL

Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1; Conv.F=2.52;
Frequency: 2462 MHz; Medium parameters used: f = 2450 MHz; σ =1.80mho/m; εr =38.75 ρ= 1000 kg/m³ ;
Phantom section: Right Section
Ambient temperature (℃):21.9, Liquid temperature (℃): 21.3

SATIMO Configuration:
- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/802.11b High- Touch-Right/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/802.11b High- Touch-Right/Zoom Scan: Measurement grid: dx=5mm,dy=5mm, dz=5mm

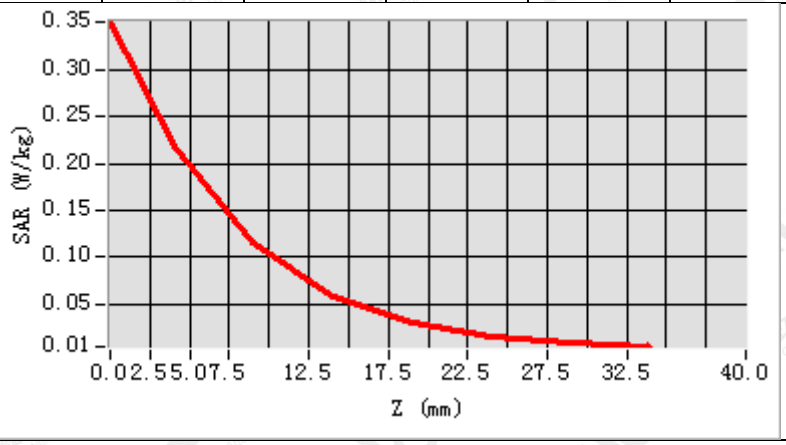
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Right head
Device Position	Cheek
Band	2450MHz
Channels	High
Signal	Crest factor: 1.0

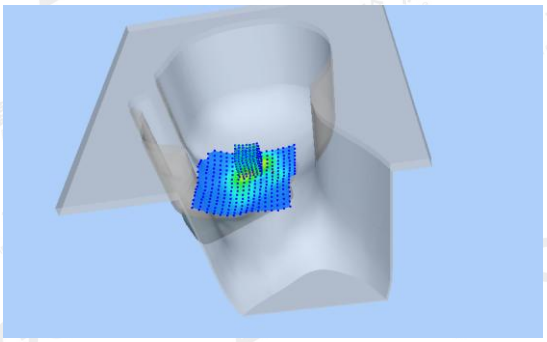
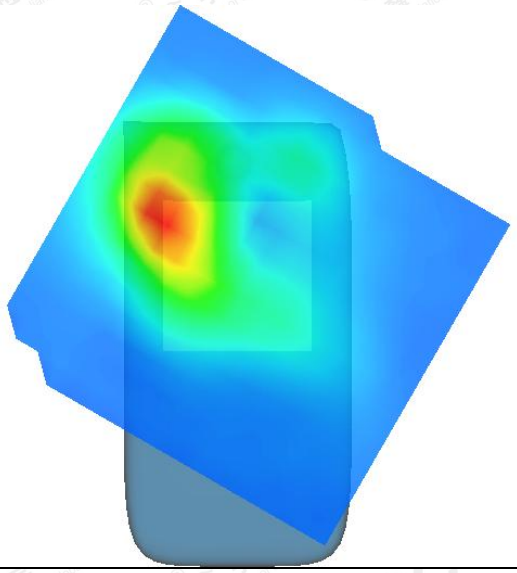
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-31.00, Y=11.00
SAR Peak: 0.36 W/kg

SAR 10g (W/Kg)	0.090208
SAR 1g (W/Kg)	0.195390

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.3502	0.2181	0.1154	0.0594	0.0307	0.0163	0.0085



3D screen shot	Hot spot position
	

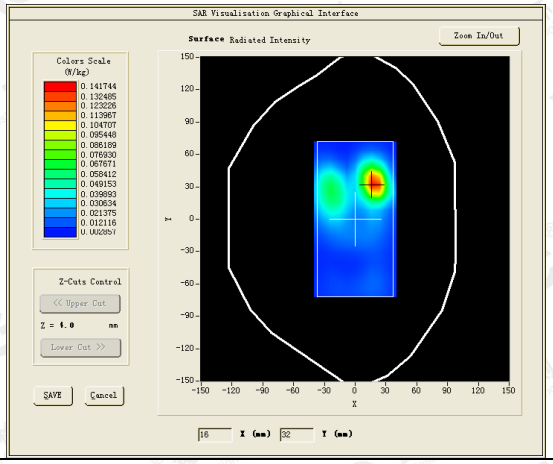
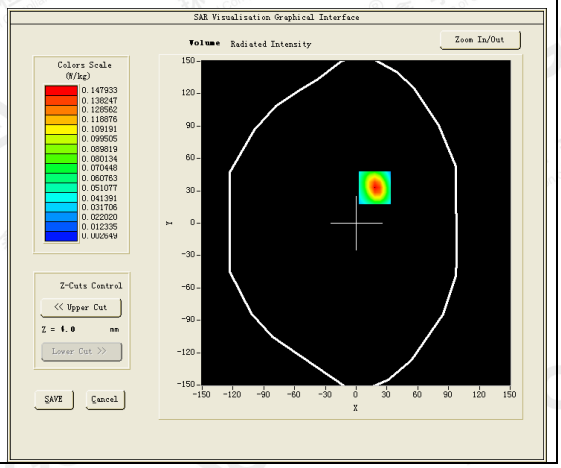
Test Laboratory: AGC Lab **Date: June 29,2018**
802.11b High-Body-Worn- Back
DUT: Smartphone; Type: VOLT_5XL

Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1; Conv.F=2.58;
Frequency: 2462 MHz; Medium parameters used: f = 2450 MHz; σ =1.95mho/m; εr =52.86; ρ= 1000 kg/m^3 ;
Phantom section: Flat Section
Ambient temperature (℃):21.9, Liquid temperature (℃): 21.5

SATIMO Configuration:
- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/802.11b High- Body- Back /Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/802.11b High- Body- Back /Zoom Scan: Measurement grid: dx=5mm,dy=5mm, dz=5mm;

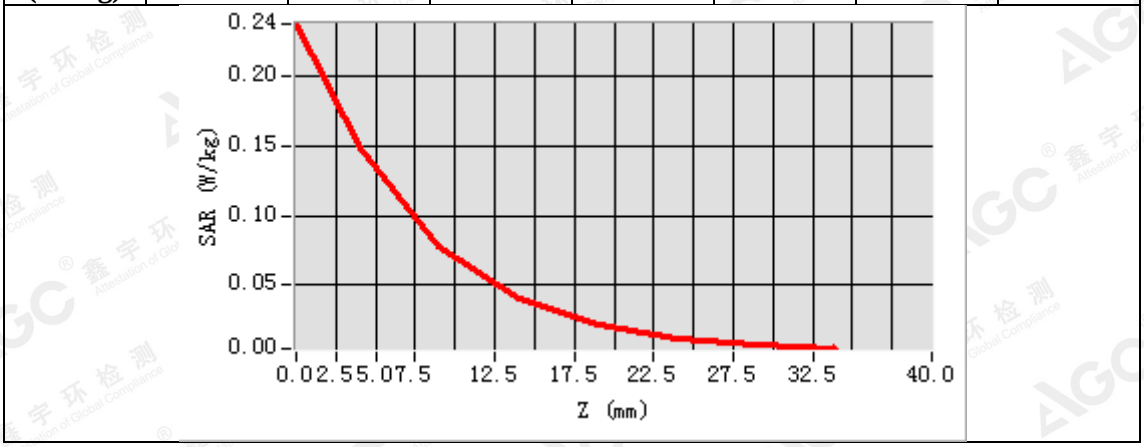
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	7x7x7,dx=5mm dy=5mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	2450MHz
Channels	High
Signal	Crest factor: 1.0

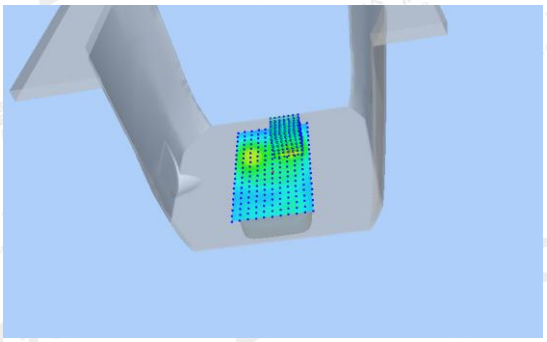
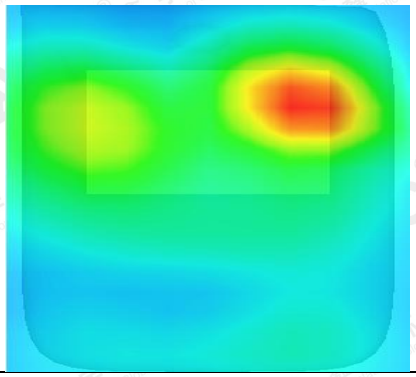
SURFACE SAR	VOLUME SAR
	

Maximum location: X=18.00, Y=33.00
SAR Peak: 0.24 W/kg

SAR 10g (W/Kg)	0.063799
SAR 1g (W/Kg)	0.134964

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.2375	0.1479	0.0782	0.0406	0.0216	0.0117	0.0072



3D screen shot	Hot spot position
	

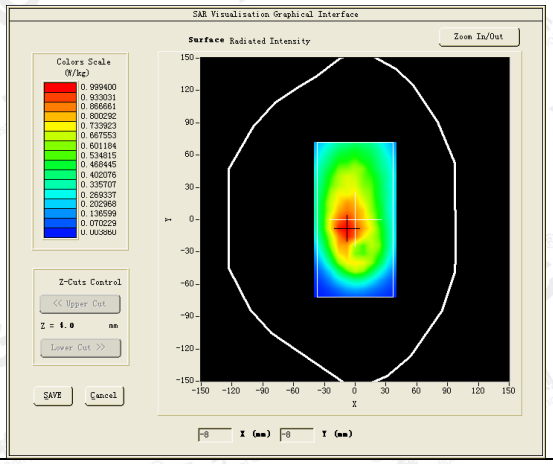
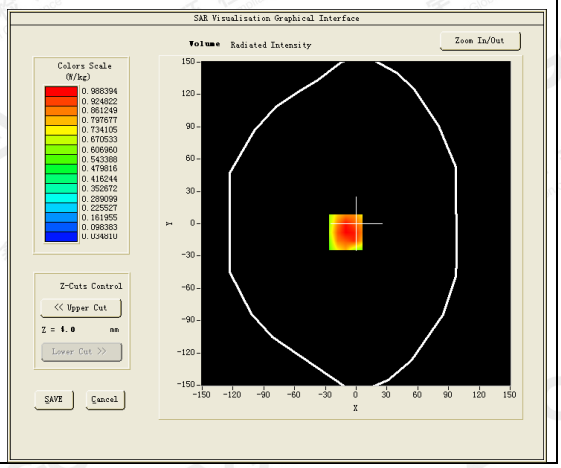
Repeated SAR
Test Laboratory: AGC Lab **Date: July 05,2018**
GPRS 850 Low- Body- Back (3up)
DUT: Smartphone; Type: VOLT_5XL

Communication System: GPRS-3 Slot; Communication System Band: GSM 850; Duty Cycle: 1:2.7; Conv.F=1.81; Frequency: 824.2 MHz; Medium parameters used: f = 835 MHz; σ= 0.93 mho/m; εr = 56.38; ρ= 1000 kg/m³ ;
Phantom section: Flat Section
Ambient temperature (℃): 22.1, Liquid temperature (℃): 21.5

SATIMO Configuration:
- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/GPRS 850 Low-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/GPRS 850 Low-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

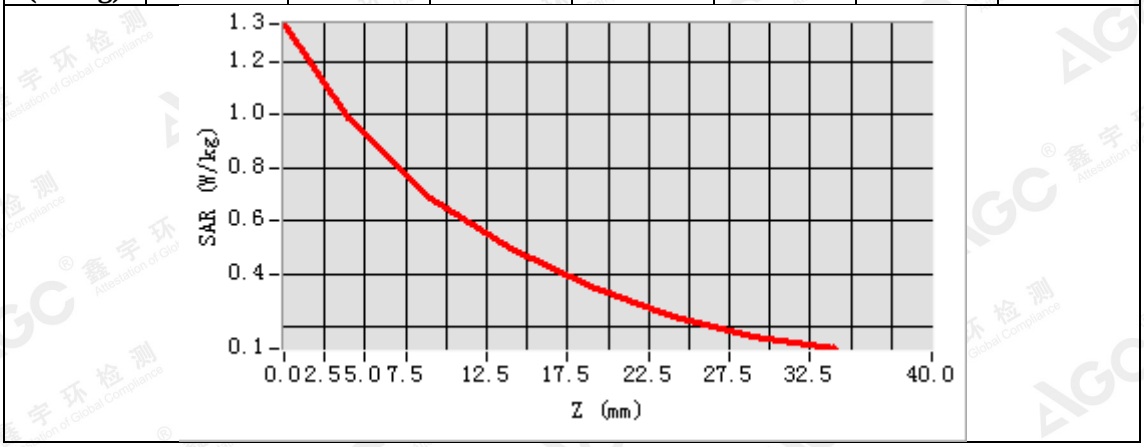
Area Scan	sam_direct_droit2_surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Back
Band	GSM 850
Channels	Low
Signal	TDMA (Crest factor: 2.7)

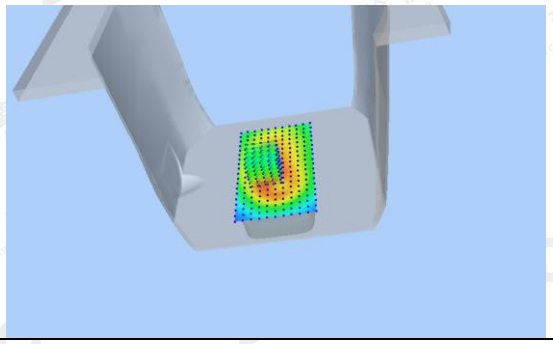
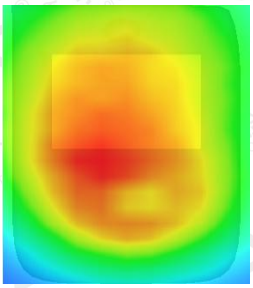
SURFACE SAR	VOLUME SAR
	

Maximum location: X=-10.00, Y=-8.00
SAR Peak: 1.41 W/kg

SAR 10g (W/Kg)	0.667232
SAR 1g (W/Kg)	0.973166

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.3443	0.9884	0.6843	0.4986	0.3531	0.2368	0.1641



3D screen shot	Hot spot position
	

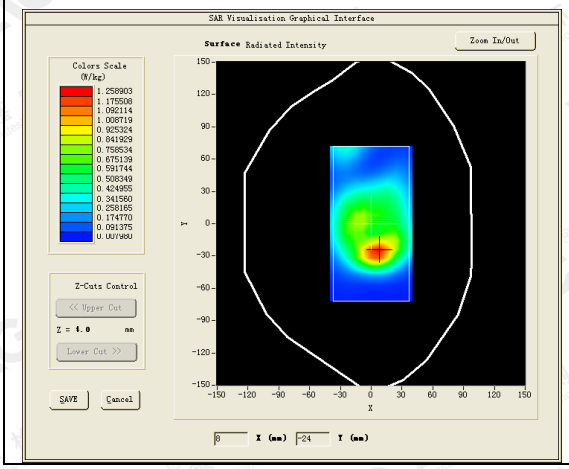
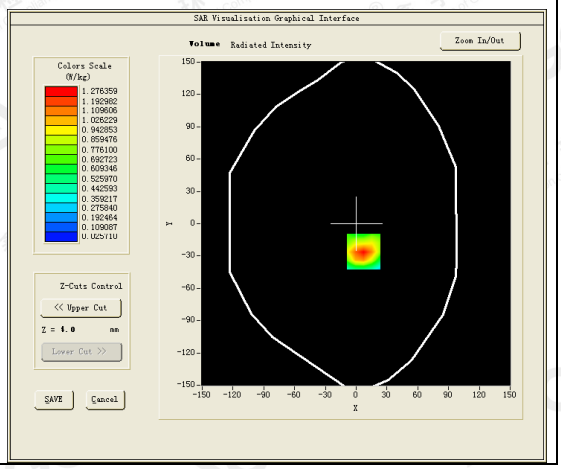
Test Laboratory: AGC Lab **Date: July 04,2018**
GPRS 1900 Low-Body-Back (4up)-earphone
DUT: Smartphone; Type: VOLT_5XL

Communication System: GPRS-4Slot; Communication System Band: PCS 1900; Duty Cycle: 1:2.1; Conv.F=2.39; Frequency: 1850.2 MHz; Medium parameters used: f = 1900 MHz; σ= 1.46 mho/m; εr =55.11; ρ= 1000 kg/m³ ;
Phantom section: Flat Section
Ambient temperature (℃): 22.3, Liquid temperature (℃): 21.9

SATIMO Configuration:
- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/GPRS1900 Low-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/GPRS1900 Low-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

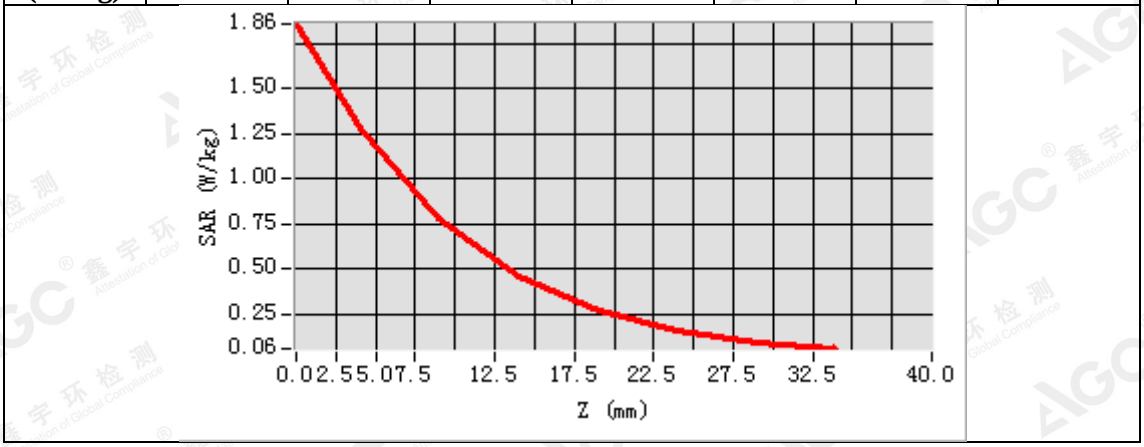
Area Scan	sam_direct_droit2_surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Back
Band	PCS 1900
Channels	Low
Signal	TDMA (Crest factor: 2.0)

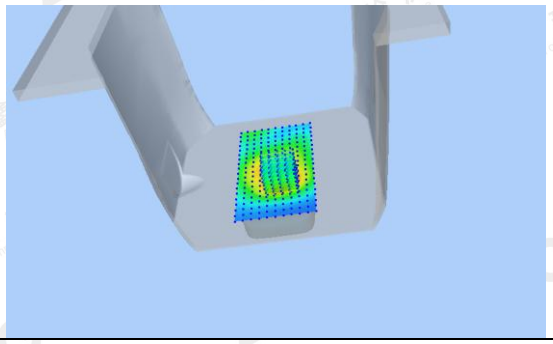
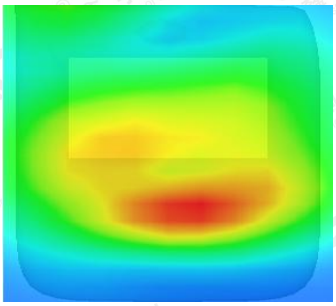
SURFACE SAR	VOLUME SAR
	

Maximum location: X=7.00, Y=-26.00
SAR Peak: 1.90 W/kg

SAR 10g (W/Kg)	0.652848
SAR 1g (W/Kg)	1.194634

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.8572	1.2764	0.7787	0.4555	0.2710	0.1629	0.0957



3D screen shot	Hot spot position
	

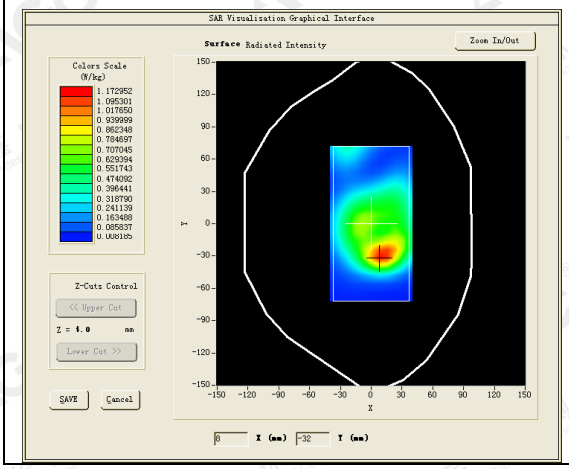
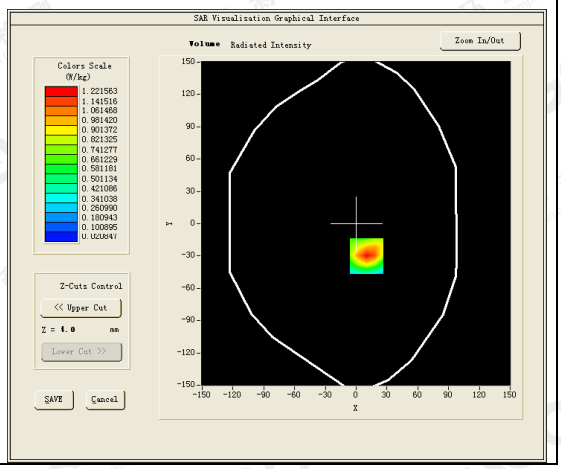
Test Laboratory: AGC Lab **Date: July 04,2018**
WCDMA Band II Low-Body-Towards Grounds (RMC 12.2kbps)
DUT: Smartphone; Type: VOLT_5XL

Communication System: UMTS; Communication System Band: Band II UTRA/FDD ;Duty Cycle:1:1; Conv.F=2.39;
Frequency: 1852.4 MHz; Medium parameters used: f = 1900 MHz; σ=1.48 mho/m; εr =54.63; ρ= 1000 kg/m³ ;
Phantom section: Flat Section
Ambient temperature (℃): 22.3, Liquid temperature (℃): 21.9

SATIMO Configuration:
- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/ WCDMA band II Low-Body-back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ WCDMA band II Low-Body-back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

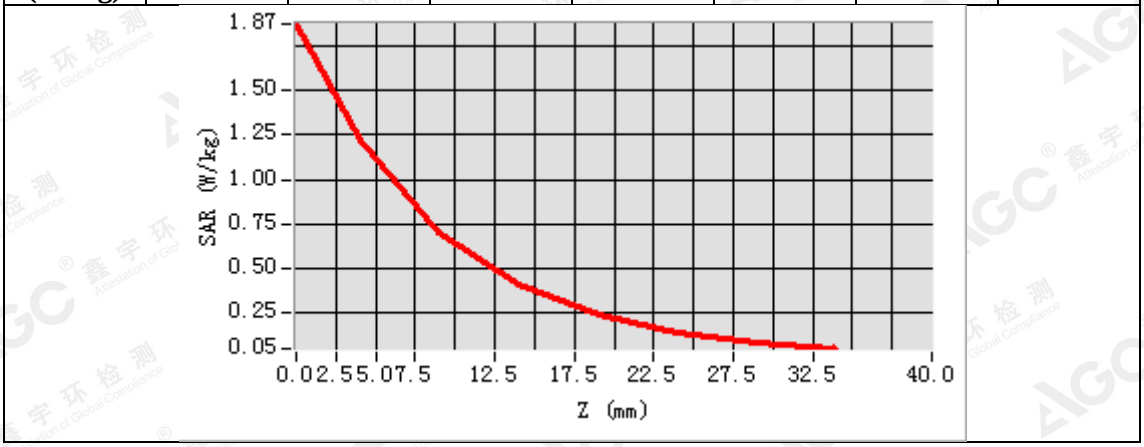
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Back
Band	WCDMA band II
Channels	Low
Signal	CDMA (Crest factor: 1.0)

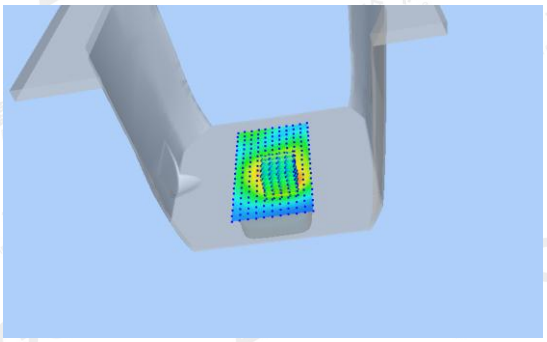
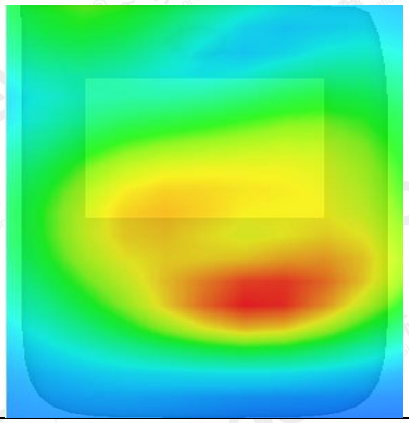
SURFACE SAR	VOLUME SAR
	

Maximum location: X=10.00, Y=-30.00
SAR Peak: 1.87 W/kg

SAR 10g (W/Kg)	0.613439
SAR 1g (W/Kg)	1.143477

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.8745	1.2216	0.6986	0.4043	0.2345	0.1367	0.0804



3D screen shot	Hot spot position
	

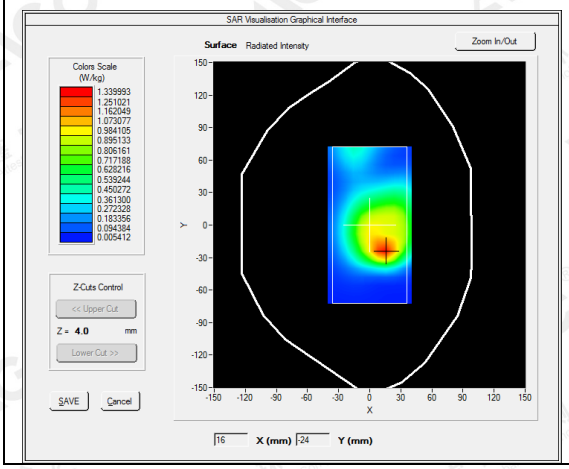
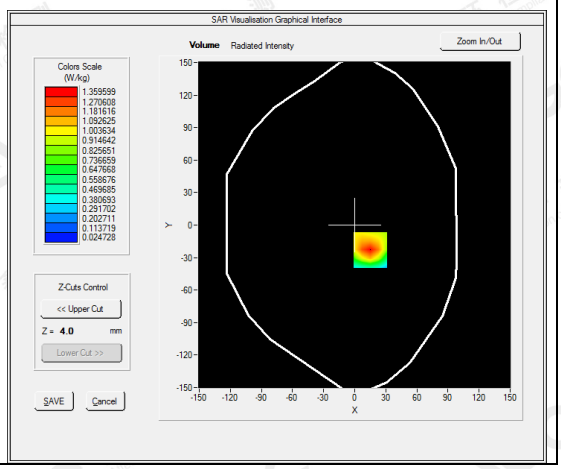
Test Laboratory: AGC Lab **Date: July 06,2018**
WCDMA Band IV Low-Body-Towards Grounds (RMC)
DUT: Smartphone; Type: VOLT_5XL

Communication System: UMTS; Communication System Band: BAND IV UTRA/FDD; Duty Cycle:1: 1; Conv.F=2.05; Frequency:1712.5MHz; Medium parameters used: f = 1750 MHz; σ= 1.44 mho/m; εr =55.05; ρ= 1000 kg/m³;
Phantom section: Flat Section
Ambient temperature (℃): 21.9, Liquid temperature (℃): 21.5

SATIMO Configuration:
- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_35

Configuration/ WCDMA Band IV Low-Body-Back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ WCDMA Band IV Low-Body-Back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5mm;

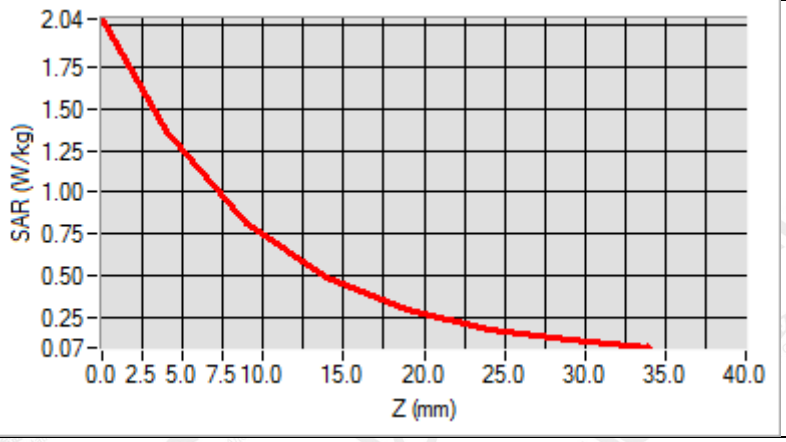
Area Scan	sam_direct_droit2_surf8mm.txt
ZoomScan	5x5x7,dx=8mm dy=8mm dz=5mm,Complete
Phantom	Validation plane
Device Position	Body Back
Band	WCDMA Band IV
Channels	Low
Signal	CDMA (Crest factor: 1.0)

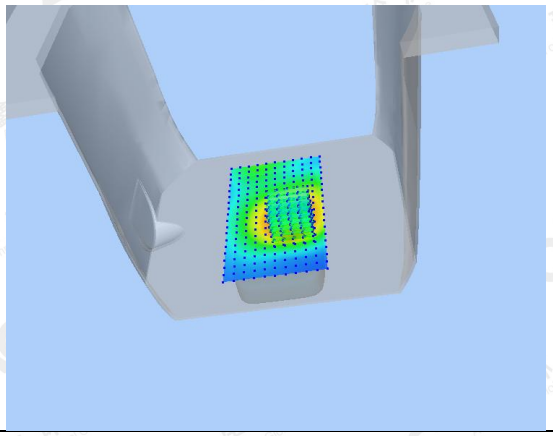
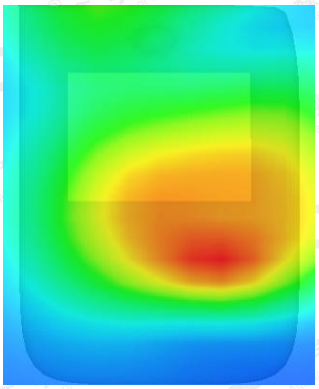
SURFACE SAR	VOLUME SAR
	

Maximum location: X=15.00, Y=-23.00
SAR Peak: 2.04 W/kg

SAR 10g (W/Kg)	0.718043
SAR 1g (W/Kg)	1.277363

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	2.0356	1.3596	0.8083	0.4917	0.2979	0.1813	0.1121



3D screen shot	Hot spot position
	

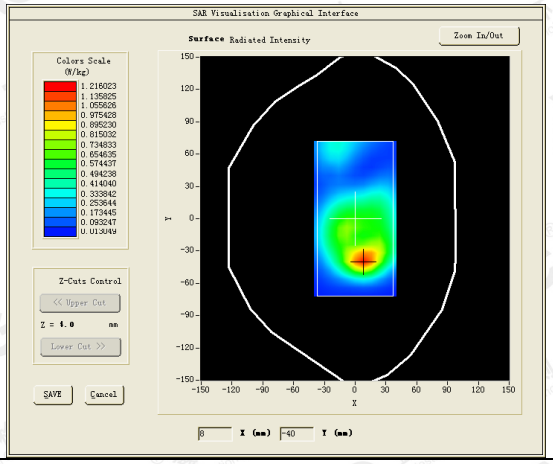
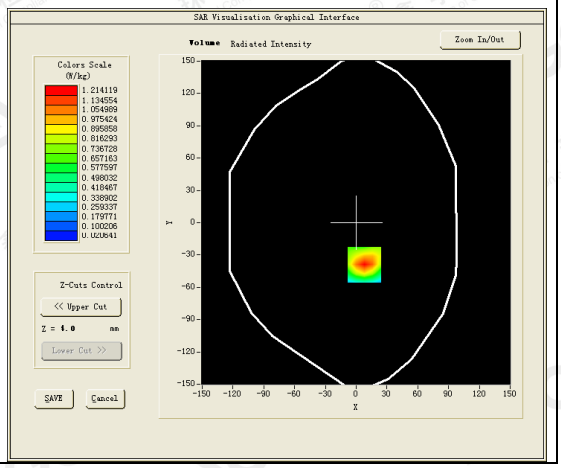
Test Laboratory: AGC Lab **Date: June 25,2018**
LTE Band 2 Low-Body-Back (1 RB#0)
DUT: Smartphone; Type: VOLT_5XL

Communication System: LTE; Communication System Band: LTE Band 2; Duty Cycle:1:1; Conv.F=2.39; Frequency:1860MHz; Medium parameters used: f = 1900 MHz; σ= 1.48 mho/m; εr =54.16; ρ= 1000 kg/m³ ;
Phantom section: Flat Section
Ambient temperature (℃): 21.8, Liquid temperature (℃): 21.5

SATIMO Configuration:
- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/ LTE Band 2 Low-Body-back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 2 Low-Body-back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

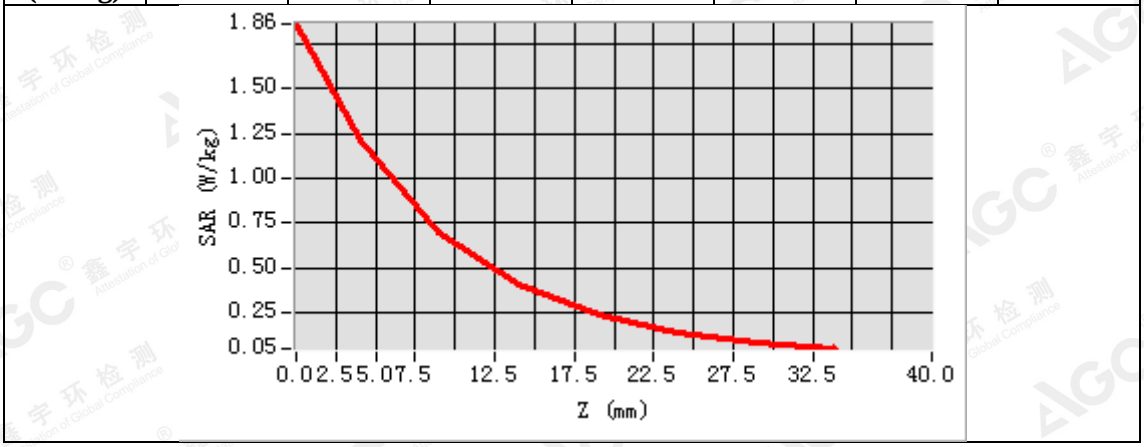
Area Scan	sam_direct_droit2_surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band 2
Channels	Low
Signal	OFDM (Crest factor: 1.0)

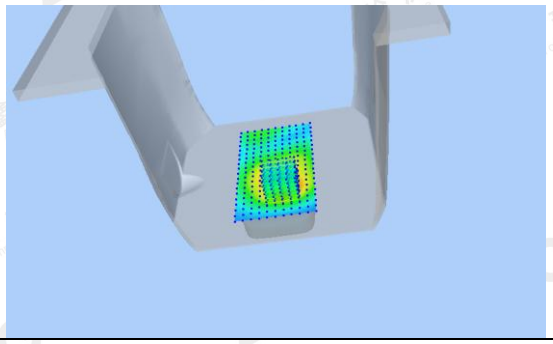
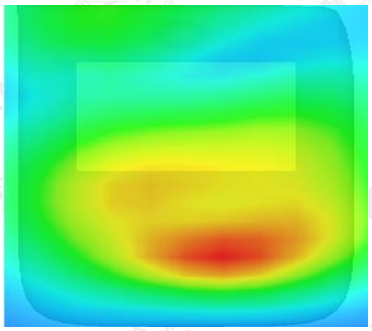
SURFACE SAR	VOLUME SAR
	

Maximum location: X=8.00, Y=-39.00
SAR Peak: 1.85 W/kg

SAR 10g (W/Kg)	0.608360
SAR 1g (W/Kg)	1.132257

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.8616	1.2141	0.6949	0.4035	0.2342	0.1371	0.0816



3D screen shot	Hot spot position
	

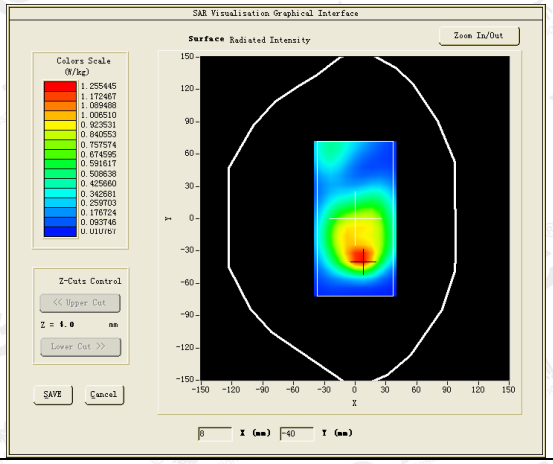
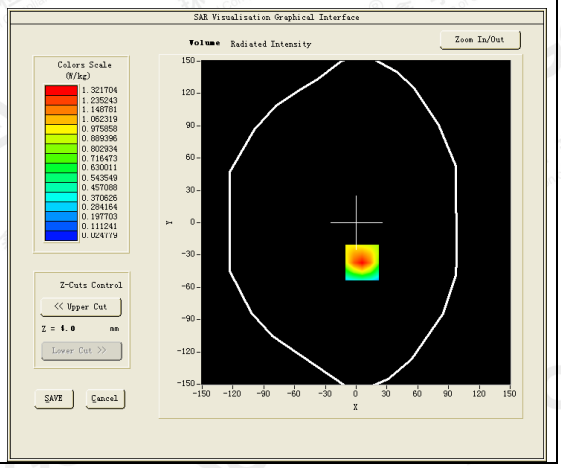
Test Laboratory: AGC Lab **Date: July 09,2018**
LTE Band 4 Mid-Body-Back (1 RB#0)
DUT: Smartphone; Type: VOLT_5XL

Communication System: LTE; Communication System Band: LTE Band 4; Duty Cycle:1:1; Conv.F=2.05;
Frequency:1732.5 MHz; Medium parameters used: f = 1750 MHz; σ=1.47 mho/m; εr =54.26; ρ= 1000 kg/m³ ;
Phantom section: Flat Section
Ambient temperature (℃): 23.1, Liquid temperature (℃): 22.6

SATIMO Configuration:
- Probe: SSE2; Calibrated: Aug. 08,2017; Serial No.: SN 08/16 EPGO282
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Phantom: SAM twin phantom
- Measurement SW: OpenSAR V4_02_32

Configuration/ LTE Band 4 Mid-Body-back/Area Scan: Measurement grid: dx=8mm, dy=8mm
Configuration/ LTE Band 4 Mid-Body-back/Zoom Scan: Measurement grid: dx=8mm,dy=8mm, dz=5m;

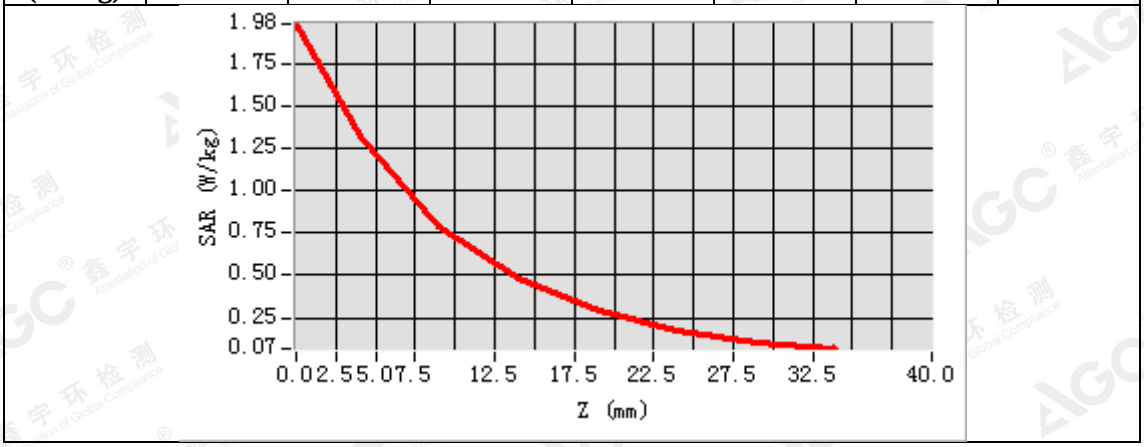
Area Scan	sam_direct_droit2_surf8mm.txt
Zoom Scan	5x5x7,dx=8mm dy=8mm dz=5mm
Phantom	Validation plane
Device Position	Body Back
Band	LTE Band 4
Channels	Middle
Signal	OFDM (Crest factor: 1.0)

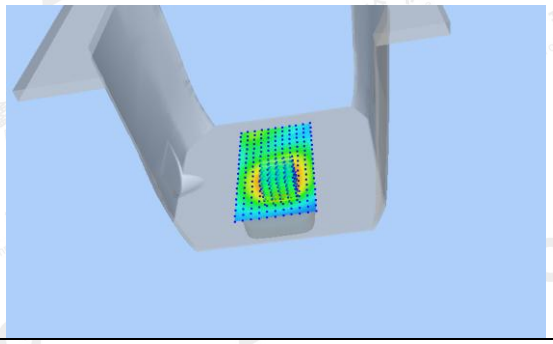
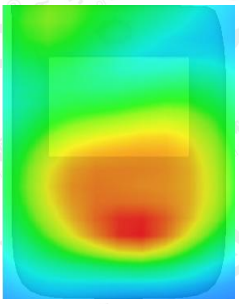
SURFACE SAR	VOLUME SAR
	

Maximum location: X=6.00, Y=-37.00
SAR Peak: 1.97 W/kg

SAR 10g (W/Kg)	0.698639
SAR 1g (W/Kg)	1.237849

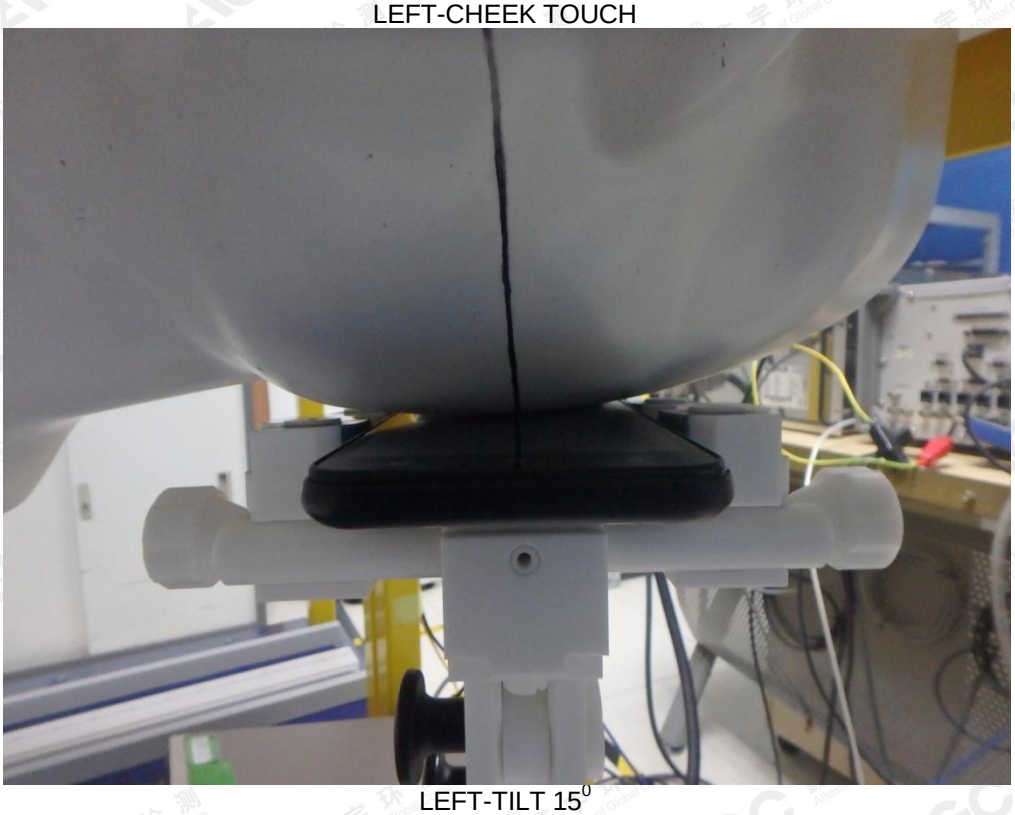
Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	1.9844	1.3217	0.7836	0.4767	0.2889	0.1753	0.1079



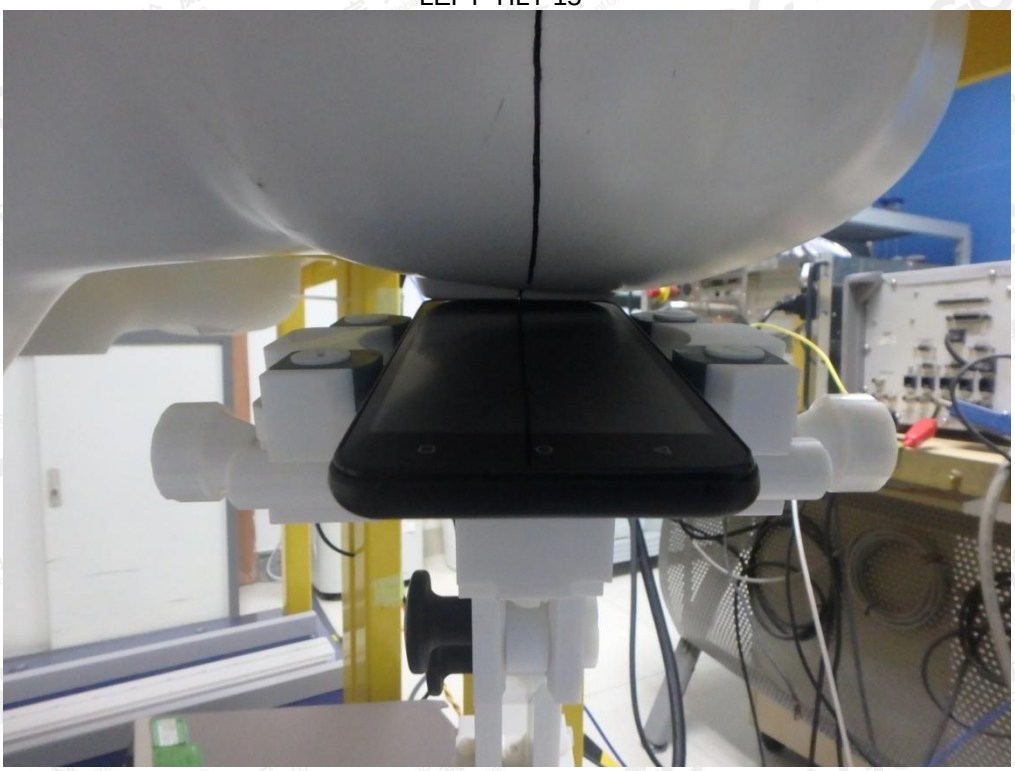
3D screen shot	Hot spot position
	

APPENDIX C. TEST SETUP PHOTOGRAPHS

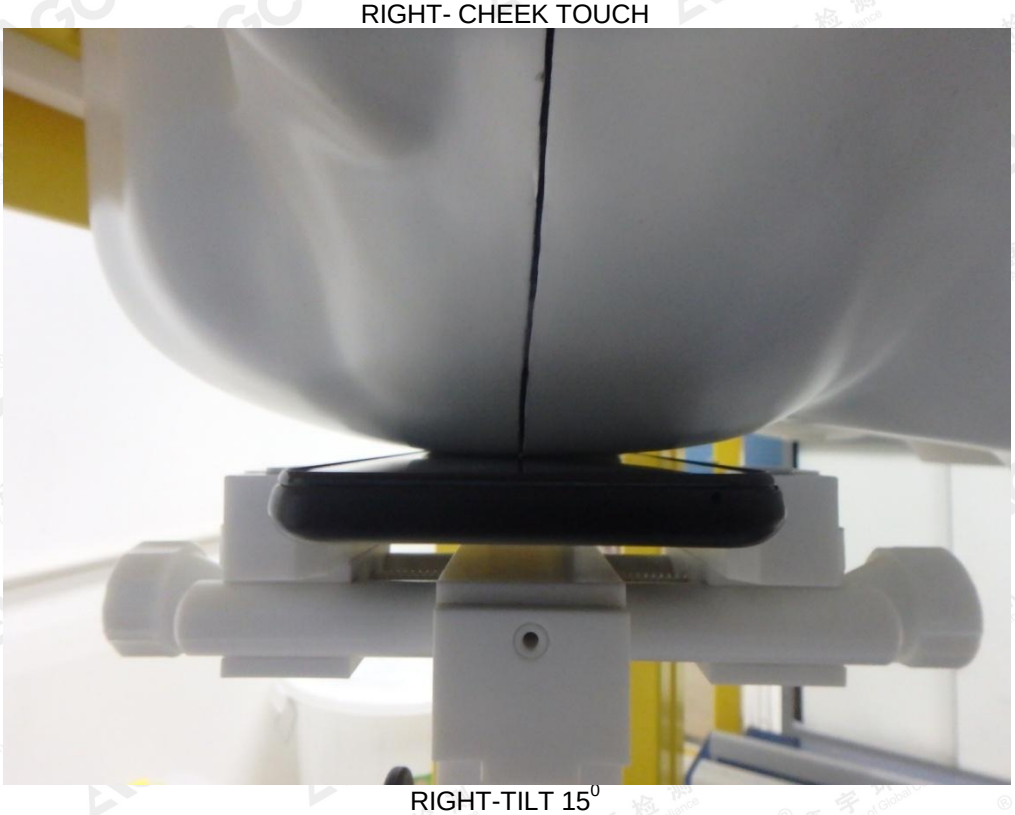
LEFT-CHEEK TOUCH



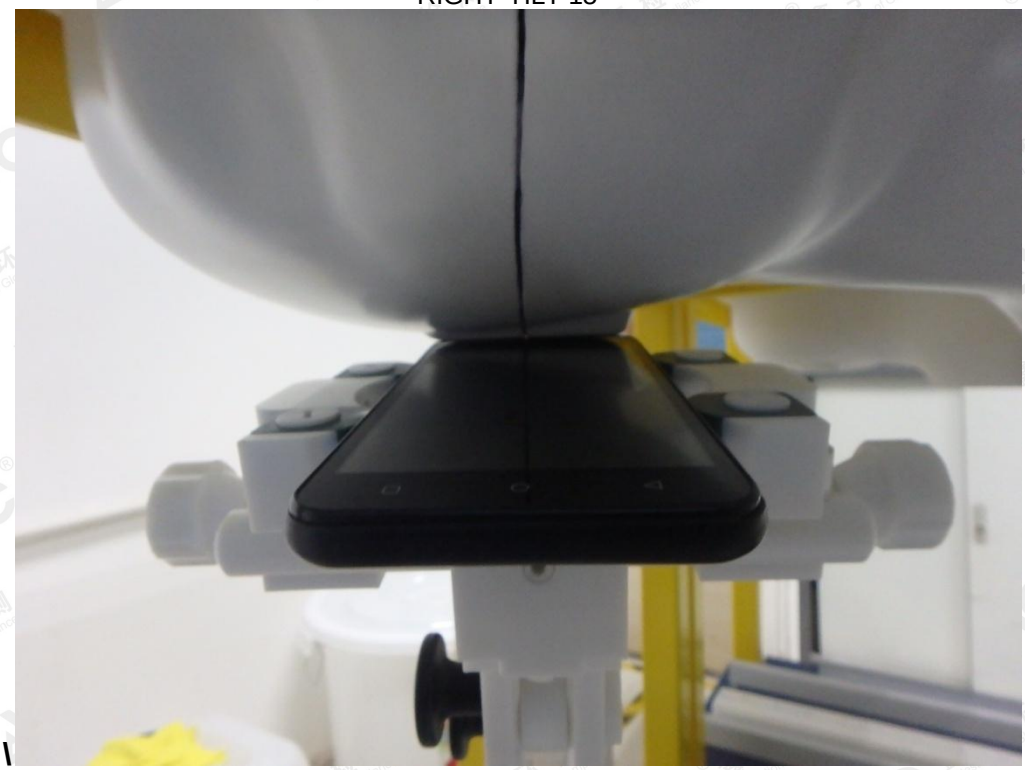
LEFT-TILT 15^0



RIGHT- CHEEK TOUCH

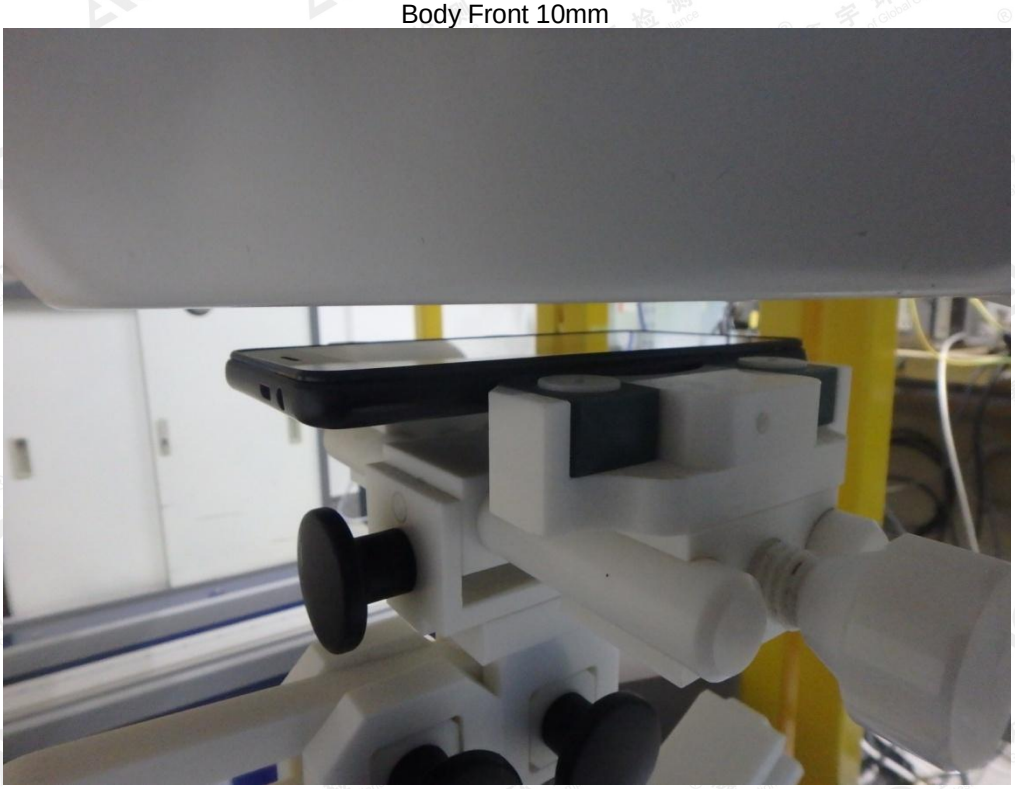


RIGHT-TILT 15^0



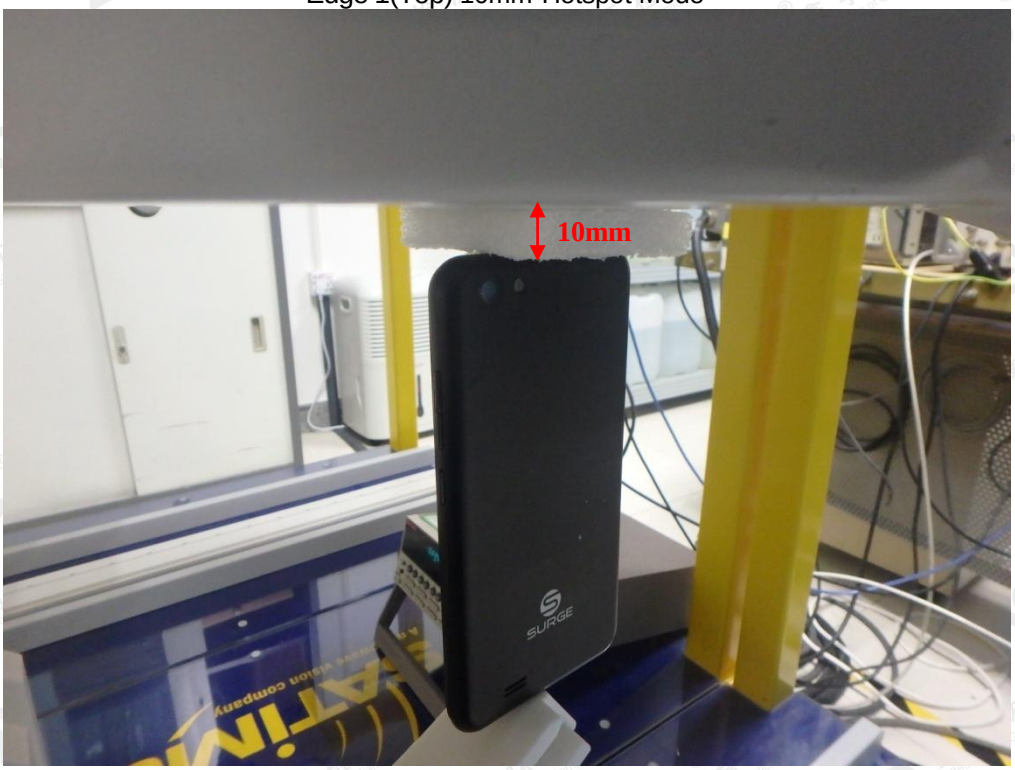
Body Back 10mm

Body Front 10mm



Body Back with headset 10mm

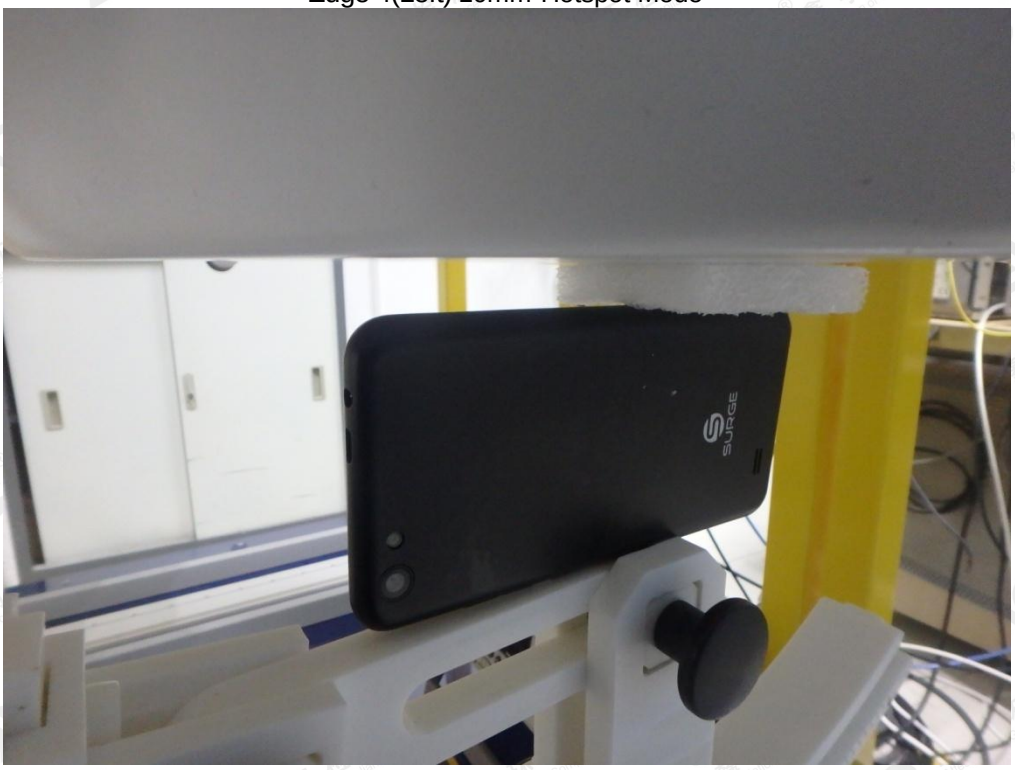
Edge 1(Top) 10mm-Hotspot Mode



Edge 2(Right) 10mm-Hotspot Mode

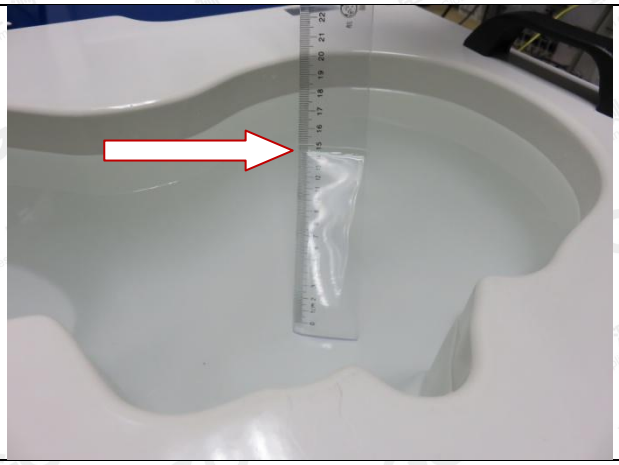
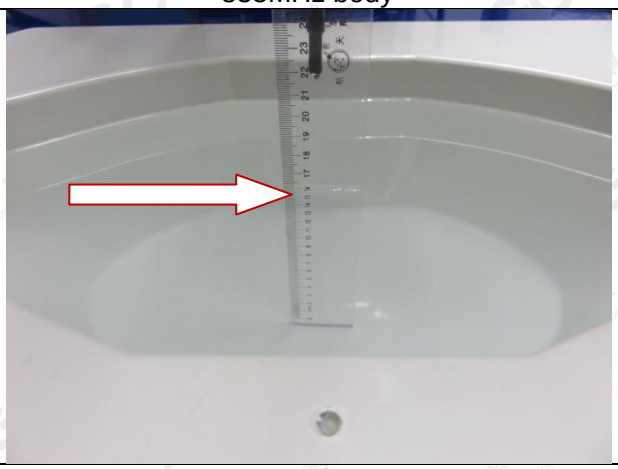
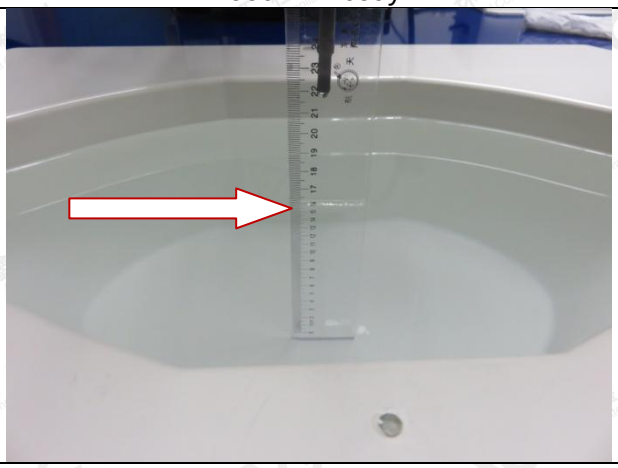
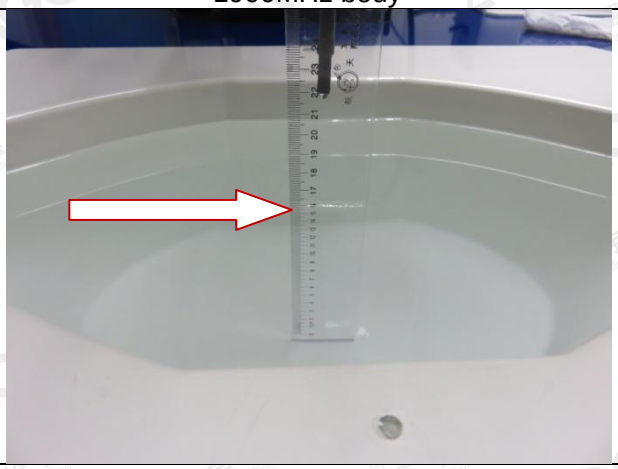
Edge 3(Bottom) 10mm-Hotspot Mode

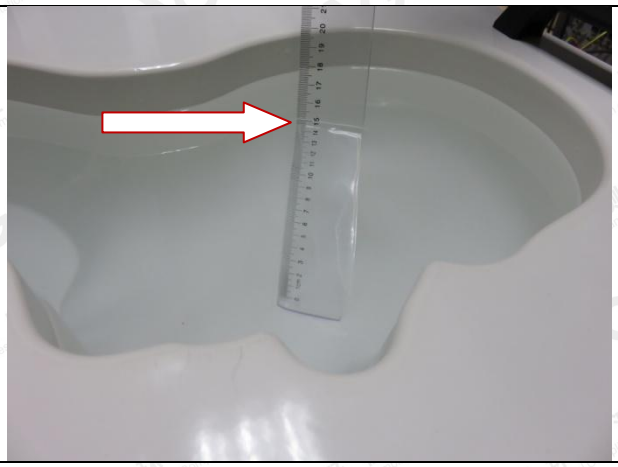
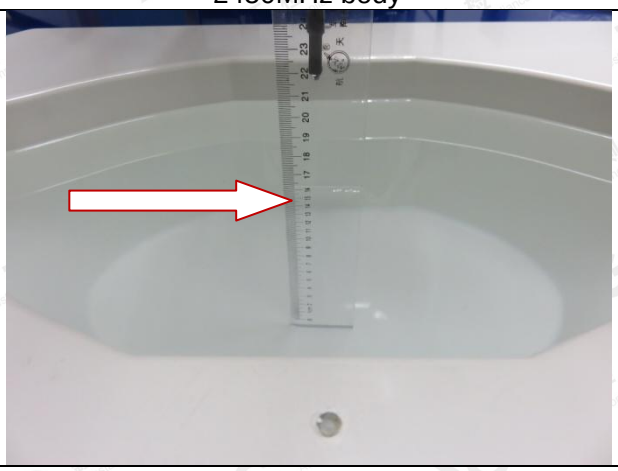
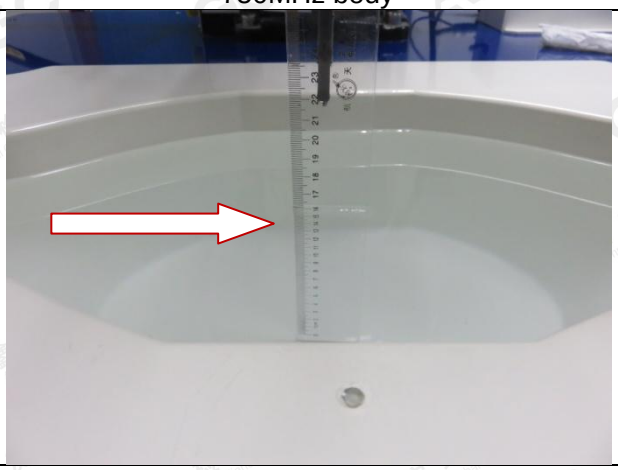
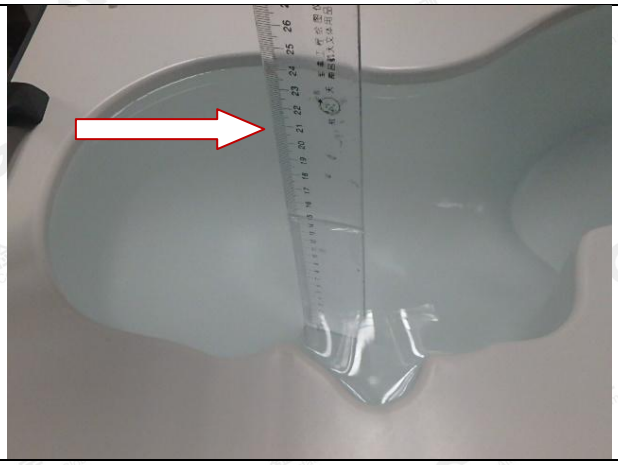
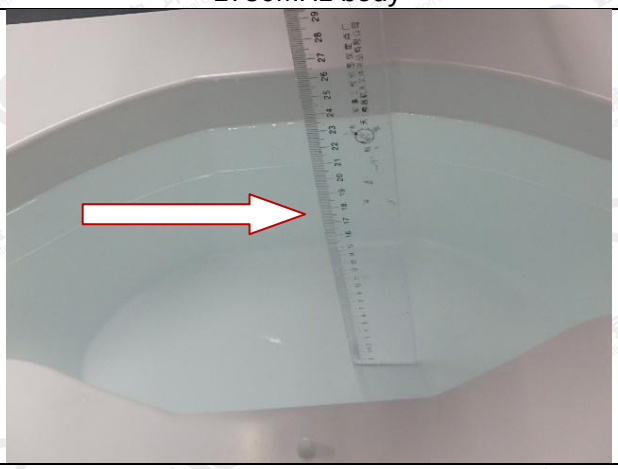
Edge 4(Left) 10mm-Hotspot Mode



DEPTH OF THE LIQUID IN THE PHANTOM—ZOOM IN

Note：The position used in the measurement were according to IEEE 1528-2013

835MHz head	835MHz body
	
1900MHz head	1900MHz body
	
1900MHz head	1900MHz body
	

2450MHz head	2450MHz body
	
750MHz head	750MHz body
	
1750MHz head	1750MHz body
	

APPENDIX D. CALIBRATION DATA

Refer to Attached files.