

ANNEX A PLOTS OF SAR TEST RESULTS

MEASUREMENT 1

Type: Phone measurement (Complete)

Area Scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.08

Measurement duration: 13 minutes 13 seconds

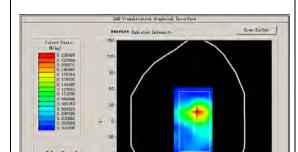
A. Experimental conditions.

Phantom File	surf_sam_plan.txt			
<u>Phantom</u>	<u>Validation plane</u>			
Device Position	<u>Body</u>			
<u>Band</u>	<u>802.11b</u>			
<u>Channels</u>	<u>High</u>			
<u>Signal</u>	<u>DSSS</u>			

B. SAR Measurement Results

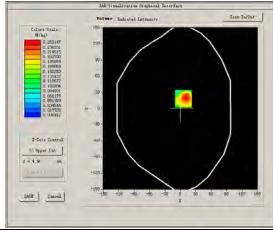
Higher Band SAR (Channel 11):

Frequency (MHz)	2462.000000		
Relative permittivity (real part)	52.684727		
Conductivity (S/m)	1.966143		
Power drift (%)	-3.450000		
Ambient Temperature:	22.6°C		
Liquid Temperature:	22.7°C		
ConvF:	4.96		
Crest factor:	1:1		



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SURFACE SAR



VOLUME SAR

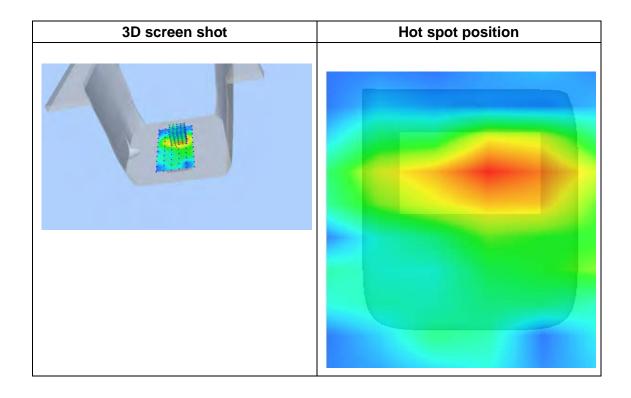
SAVE Cased



Maximum location: X=6.00, Y=18.00 SAR Peak: 0.48 W/kg

SAR 10g (W/Kg)	0.113109
SAR 1g (W/Kg)	0.246472

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR	0.4468	0.2531	0.1035	0.0421	0.0084	0.0036	0.0082
(W/Kg)							
	0.4- 0.4- 0.3 0.0- 0.1 0.0-	02.55.07.5	12.5 17.	5 22.5 2 Z (mm)	27.5 32.5	40.0	





MEASUREMENT 2

Type: Phone measurement (Complete)

Area Scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.08

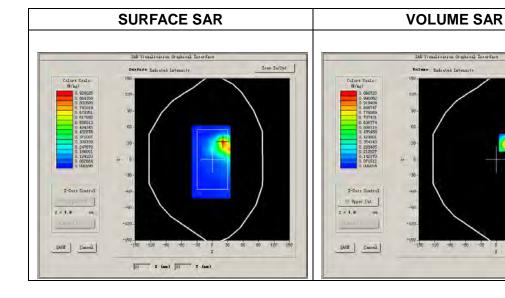
Measurement duration: 13 minutes 6 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt			
<u>Phantom</u>	Validation plane			
Device Position	Body			
<u>Band</u>	<u>802.11b</u>			
<u>Channels</u>	<u>High</u>			
<u>Signal</u>	<u>DSSS</u>			

B. SAR Measurement Results

Frequency (MHz)	2462.000000			
Relative permittivity (real part)	52.684727			
Conductivity (S/m)	1.966143			
Power drift (%)	-3.450000			
Ambient Temperature:	22.6°C			
Liquid Temperature:	22.7°C			
ConvF:	4.96			
Crest factor:	1:1			

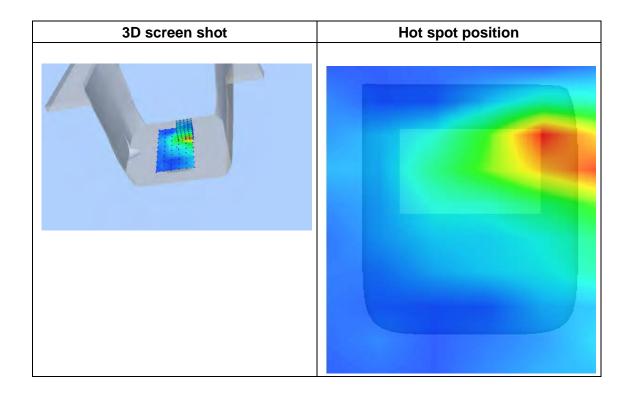




Maximum location: X=21.00, Y=31.00 SAR Peak: 2.07 W/kg

	<u> </u>
SAR 10g (W/Kg)	0.451185
SAR 1g (W/Kg)	0.724633

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR	1.9026	1.0607	0.4712	0.2102	0.0831	0.0490	0.0086
(W/Kg)							
	1.90-						
	1.50-						
		\longrightarrow					
	(a) 1.25- ≱ 1.00-	+					
	뗧 0.75-	++					
	0.50-						
	0. 25 - 0. 01 -						
		.02.55.07.5	12.5 17	.5 22.5	27.5 32.5	40.0	
				Z (mm)			





MEASUREMENT 3

Type: Phone measurement (Complete)

Area Scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.08

Measurement duration: 13 minutes 6 seconds

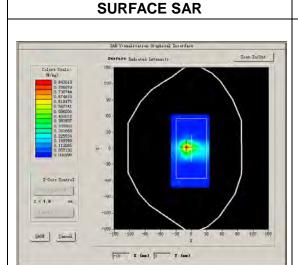
A. Experimental conditions.

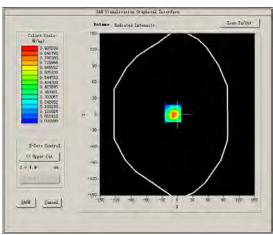
Phantom File	surf_sam_plan.txt
<u>Phantom</u>	Validation plane
<u>Device Position</u>	<u>Body</u>
<u>Band</u>	<u>802.11b</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>DSSS</u>

B. SAR Measurement Results

Higher Band SAR (Channel 11):

Frequency (MHz)	2462.000000		
Relative permittivity (real part)	52.684727		
Conductivity (S/m)	1.966143		
Power drift (%)	-3.450000		
Ambient Temperature:	22.6°C		
Liquid Temperature:	22.7°C		
ConvF:	4.96		
Crest factor:	1:1		





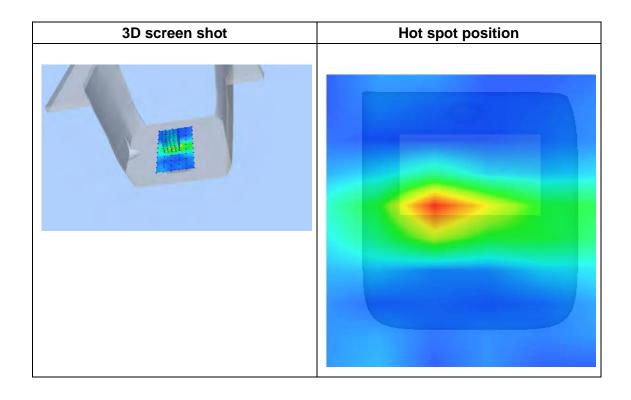
VOLUME SAR



Maximum location: X=-9.00, Y=2.00 SAR Peak: 1.76 W/kg

SAR 10g (W/Kg)	0.121905
SAR 1g (W/Kg)	0.343926

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR	1.6834	0.9072	0.3762	0.1458	0.0748	0.0413	0.0311
(W/Kg)							
	1.7-						
	1.4-	\longrightarrow					
	1.2-	+					
	(a) 1.0- ≥ 0.8-	\dashv					
	& 0.8- % 0.6-						
	0.4-						
	0.2-			\perp			
	0.0-	00 55 07 5	10 5 17	5 22.5 2	27.5 32.5	40 0	
	U.	02.55.07.5	12.5 17.	5 22.5 2 Z (mm)	21.5 32.5	40.0	





MEASUREMENT 4

Type: Phone measurement (Complete)

Area Scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.08

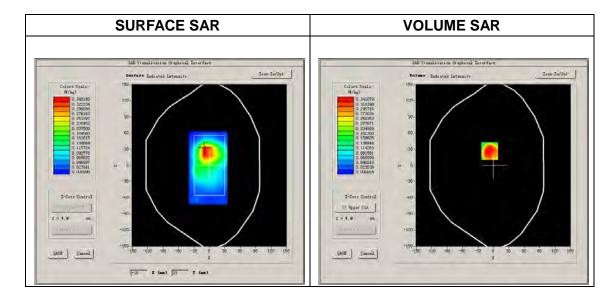
Measurement duration: 13 minutes 6 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt			
<u>Phantom</u>	Validation plane			
Device Position	<u>Body</u>			
<u>Band</u>	<u>802.11b</u>			
<u>Channels</u>	<u>High</u>			
<u>Signal</u>	<u>DSSS</u>			

B. SAR Measurement Results

Frequency (MHz)	2462.000000		
Relative permittivity (real part)	52.684727		
Conductivity (S/m)	1.966143		
Power drift (%)	-3.450000		
Ambient Temperature:	22.6°C		
Liquid Temperature:	22.7°C		
ConvF:	4.96		
Crest factor:	1:1		

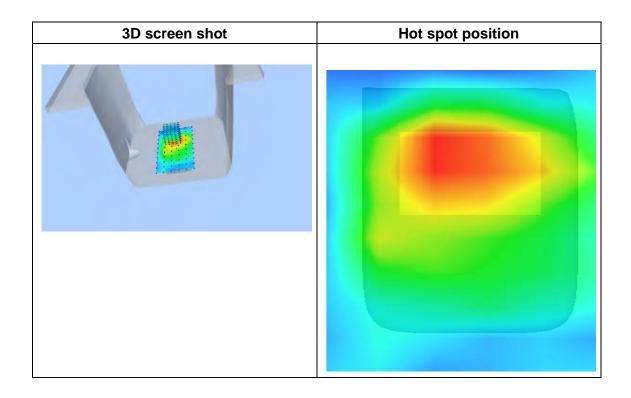




Maximum location: X=-7.00, Y=27.00 SAR Peak: 0.67 W/kg

	<u> </u>
SAR 10g (W/Kg)	0.163235
SAR 1g (W/Kg)	0.351181

0.00	4.00	9.00	14.00	19.00	24.00	29.00
0.6385	0.3411	0.1432	0.0627	0.0189	0.0234	0.0010
0.6-						
[\Box					
(A) 0.4-	\rightarrow					
	+					
₹ 0.2-	$++\lambda$					
0.1-						
0.0-			╍┼┼┼	 ↓ ↓ ↓		
	02.55.07.5	12.5 17.	5 22.5 2	27.5 32.5	40.0	
Z (mm)						
	0.6385 0.6-0 0.5-0 0.4-0 0.3-0 0.2-0 0.1-0	0.6385 0.3411 0.6- 0.5- 0.5- 0.4- 0.3- 0.3- 0.3- 0.1-	0.6385 0.3411 0.1432 0.6- 0.5- 0.5- 0.7- 0.7- 0.7- 0.02.55.07.5 12.5 17.	0.6385 0.3411 0.1432 0.0627 0.6- 0.5- 0.5- 0.04- 0.03- 0.02- 0.1- 0.0- 0.02.55.07.5 12.5 17.5 22.5 2	0.6385	0.6385





MEASUREMENT 5

Type: Phone measurement (Complete)

Area Scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.08

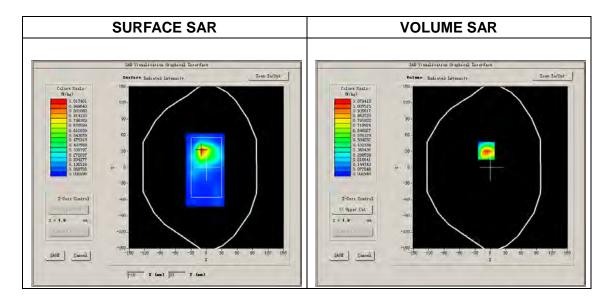
Measurement duration: 13 minutes 7 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt		
<u>Phantom</u>	Validation plane		
Device Position	<u>Body</u>		
<u>Band</u>	<u>802.11b</u>		
<u>Channels</u>	<u>High</u>		
<u>Signal</u>	<u>DSSS</u>		

B. SAR Measurement Results

Frequency (MHz)	2462.000000		
Relative permittivity (real part)	52.684727		
Conductivity (S/m)	1.966143		
Power drift (%)	-3.450000		
Ambient Temperature:	22.6°C		
Liquid Temperature:	22.7°C		
ConvF:	4.96		
Crest factor:	1:1		

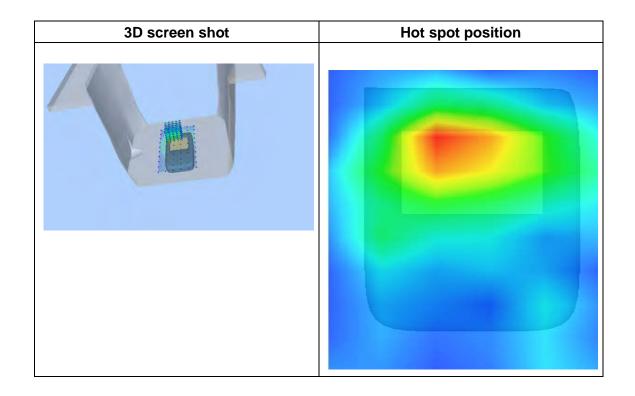




Maximum location: X=-8.00, Y=31.00 SAR Peak: 2.03 W/kg

SAR 10g (W/Kg)	0.430662
SAR 1g (W/Kg)	0.716615

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00	
SAR	2.0560	1.0794	0.4140	0.1654	0.0600	0.0185	0.0094	
(W/Kg)								
	2.06-	<u> </u>						
	1.75-	+++						
	1.50-	+++	+++					
	िश्च 1.25 - ≷ 1.00 -	\longrightarrow	+++					
	≥ 1.00-	+	+++					
	₹ 0.75-	+	+++					
	0.50-	\longrightarrow	+++					
	0. 25 - 0. 00 -							
		.02.55.07.5	12.5 17	.5 22.5 2	27.5 32.5	40.0		
	Z (mm)							





MEASUREMENT 6

Type: Phone measurement (Complete)

Area Scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.01

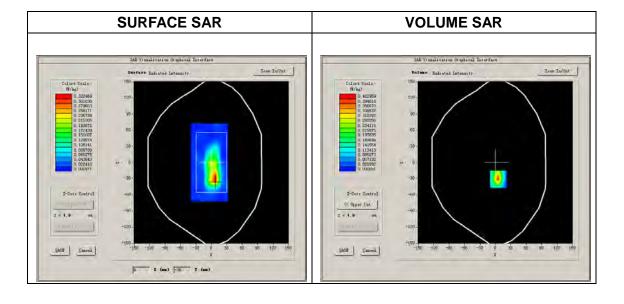
Measurement duration: 13 minutes 56 seconds

A. Experimental conditions.

Area Scan	surf_sam_plan.txt, h= 5.00 mm		
<u>Phantom</u>	Validation plane		
Device Position	<u>Body</u>		
<u>Band</u>	<u>802.11b</u>		
<u>Channels</u>	<u>High</u>		
<u>Signal</u>	<u>DSSS</u>		

B. SAR Measurement Results

Frequency (MHz)	2462.000000		
Relative permittivity (real part)	52.684727		
Conductivity (S/m)	1.966143		
Power drift (%)	-3.450000		
Ambient Temperature:	22.6°C		
Liquid Temperature:	22.7°C		
ConvF:	4.96		
Crest factor:	1:1		

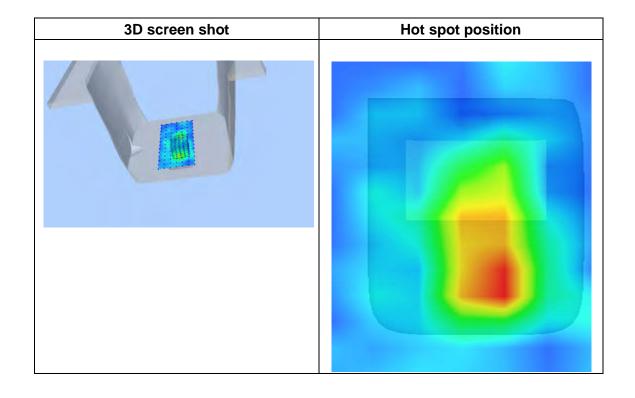




Maximum location: X=6.00, Y=-31.00 SAR Peak: 0.75 W/kg

SAR 10g (W/Kg)	0.113297		
SAR 1g (W/Kg)	0.300286		

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR	0.7509	0.4230	0.1821	0.0951	0.0230	0.0260	0.0066
(W/Kg)							
	0.8-						
	0.6-						
	(3) 24/ 20.4-						
	£ 0.3-						
	ශී 0.2-	$++\lambda$					
	0.1-						
	0.0-				- - -		
	0.	02.55.07.5	12.5 17.		27.5 32.5	40.0	
Z (mm)							





MEASUREMENT 7

Type: Phone measurement (Complete)

Area Scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.01

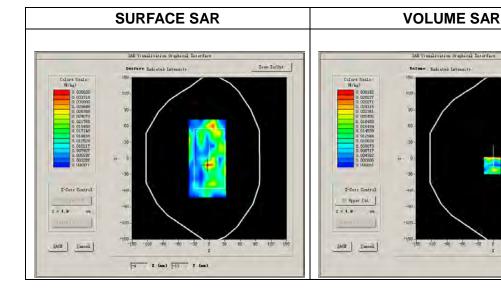
Measurement duration: 13 minutes 0 seconds

A. Experimental conditions.

Area Scan	surf_sam_plan.txt
<u>Phantom</u>	Validation plane
Device Position	<u>Body</u>
<u>Band</u>	<u>802.11b</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>DSSS</u>

B. SAR Measurement Results

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-3.450000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1







Maximum location: X=-2.00, Y=-13.00 SAR Peak: 0.08 W/kg

SAR 10g (W/Kg)	0.109752
SAR 1g (W/Kg)	0.216255

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR	0.0934	0.0302	0.0009	0.0010	0.0016	0.0089	0.0010
(W/Kg)							
	0.09-						
	0.08-	+++	+				
	(30.06- 34/ (8) (8) 20.04-	+					
	0.04- 0.02-						
	0.00 - 0	.02.55.07.5	12.5 17	.5 22.5	27.5 32.5	40.0	
				Z (mm)			





MEASUREMENT 8

Type: Phone measurement (Complete)

Area Scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.01

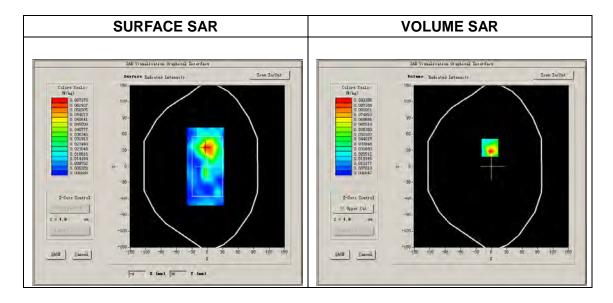
Measurement duration: 13 minutes 0 seconds

A. Experimental conditions.

Area Scan	surf_sam_plan.txt
<u>Phantom</u>	Validation plane
Device Position	<u>Body</u>
<u>Band</u>	<u>802.11b</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>DSSS</u>

B. SAR Measurement Results

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-3.450000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1

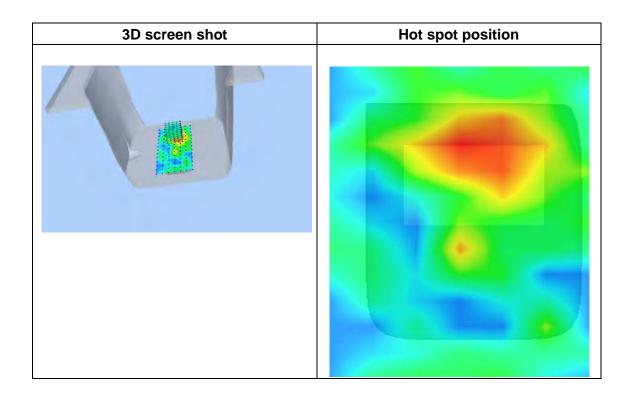




Maximum location: X=-3.00, Y=35.00 SAR Peak: 0.16 W/kg

SAR 10g (W/Kg)	0.077304
SAR 1g (W/Kg)	0.188458

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR	0.2396	0.0934	0.0197	0.0012	0.0092	0.0133	0.0015
(W/Kg)							
	0.24-						
	0.20-	\perp					
	_	$ \setminus $					
	(a) 0.15- 8) 8						
	్ జ. 0.10-	\square					
	₩ 0.10-	$ \cdot \cdot \cdot $					
	0.05-	++					
	0.00-		$\downarrow\downarrow\downarrow$	 	444		
		.02.55.07.5	12.5 17		27.5 32.5	40.0	
	Z (mm)						





MEASUREMENT 9

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.01

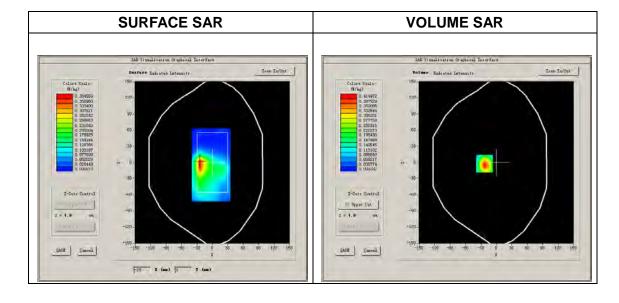
Measurement duration: 13minutes 57 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt
<u>Phantom</u>	Validation plane
Device Position	<u>Body</u>
<u>Band</u>	<u>802.11b</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>DSSS</u>

B. SAR Measurement Results

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-3.450000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1

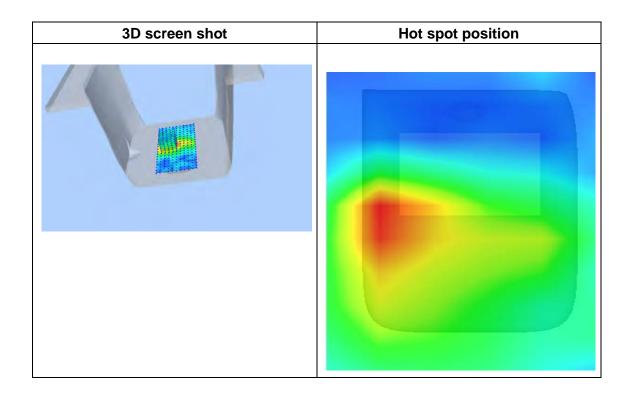




Maximum location: X=-23.00, Y=-2.00 SAR Peak: 0.70 W/kg

	•
SAR 10g (W/Kg)	0.064104
SAR 1g (W/Kg)	0.116101

Z (mm)	0.00	4.00	9.00	14.00	19.00
SAR	0.6920	0.4150	0.2028	0.0899	0.0347
(W/Kg)					
	0.7- 0.6- 0.5- 0.4- 0.3- 0.2- 0.1- 0.0- 0.2-4		14 16 18 20 22 Z (mm)	2 24 26 28 30	





MEASUREMENT 10

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.08

Measurement duration: 13 minutes 31 seconds

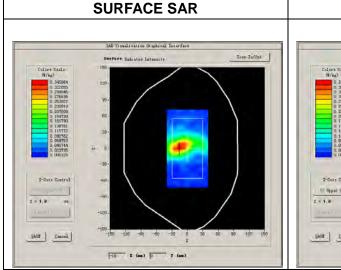
A. Experimental conditions.

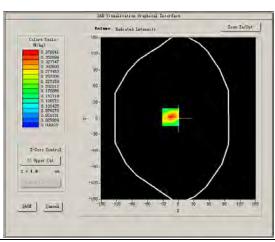
Area Scan	surf_sam_plan.txt, h= 5.00 mm			
<u>Phantom</u>	Validation plane			
Device Position	Body			
<u>Band</u>	<u>802.11b</u>			
<u>Channels</u>	<u>High</u>			
<u>Signal</u>	<u>DSSS</u>			

B. SAR Measurement Results

Higher Band SAR (Channel 11):

Frequency (MHz)	2462.000000		
Relative permittivity (real part)	52.684727		
Conductivity (S/m)	1.966143		
Power drift (%)	-5.640000		
Ambient Temperature:	22.0°C		
Liquid Temperature:	21.8°C		
ConvF:	4.96		
Crest factor:	1:1		





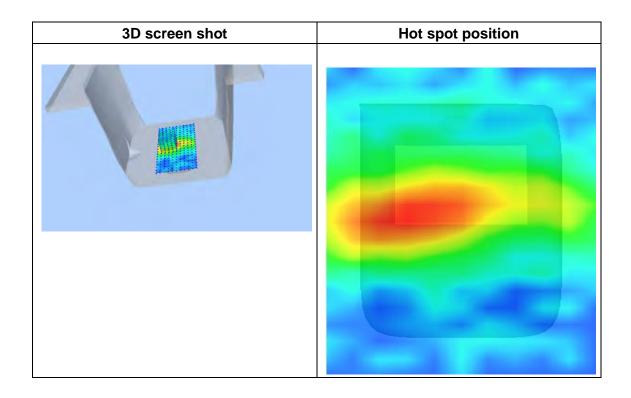
VOLUME SAR



Maximum location: X=-15.00, Y=3.00 SAR Peak: 0.67 W/kg

	<u> </u>
SAR 10g (W/Kg)	0.169548
SAR 1g (W/Kg)	0.357301

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR	0.5907	0.3780	0.1839	0.1108	0.0264	0.0119	0.0172
(W/Kg)							
	0.6- -0.5- -0.4- -0.3- -0.2- -0.1-						
	0. 0 - 0.	02.55.07.5	12.5 17.	5 22.5 2	27.5 32.5	40.0	
				Z (mm)			





MEASUREMENT 11

Type: Phone measurement (Complete)

Area Scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.08

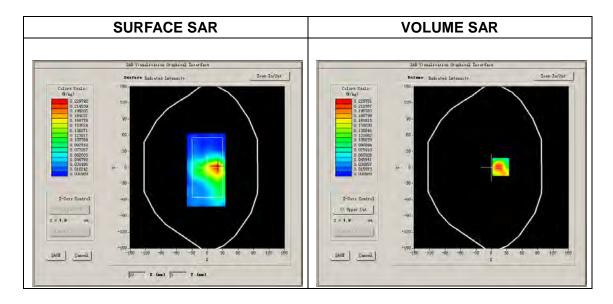
Measurement duration: 13 minutes 5 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt			
<u>Phantom</u>	Validation plane			
Device Position	<u>Body</u>			
<u>Band</u>	<u>802.11g</u>			
<u>Channels</u>	<u>High</u>			
<u>Signal</u>	<u>OFDM</u>			

B. SAR Measurement Results

	T		
Frequency (MHz)	2462.000000		
Relative permittivity (real part)	52.684727		
Conductivity (S/m)	1.966143		
Power drift (%)	-3.450000		
Ambient Temperature:	22.6°C		
Liquid Temperature:	22.7°C		
ConvF:	4.96		
Crest factor:	1:1		

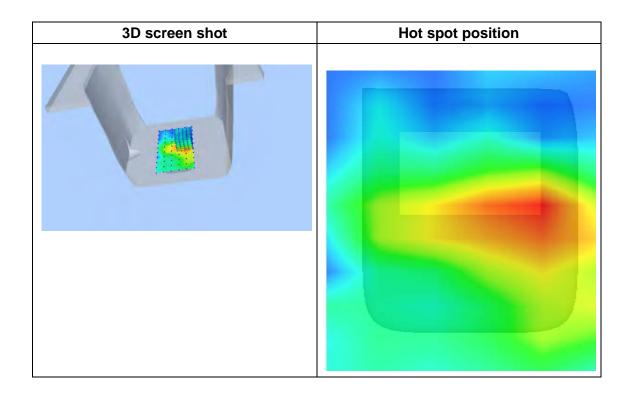




Maximum location: X=18.00, Y=1.00 SAR Peak: 0.46 W/kg

SAR 10g (W/Kg) 0.097519				
SAR 1g (W/Kg)	0.222267			

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR	0.4343	0.2258	0.0852	0.0377	0.0113	0.0225	0.0082
(W/Kg)							
	0.4-						
		\setminus					
	0.3 % € 0.2	M					
	9.1-						
	0.0-			44	444		
	o.ˈ 	02.55.07.5	12.5 17.	5 22.5 2 Z (mm)	27.5 32.5	40.0	





MEASUREMENT 12

Type: Phone measurement (Complete)

Area Scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.08

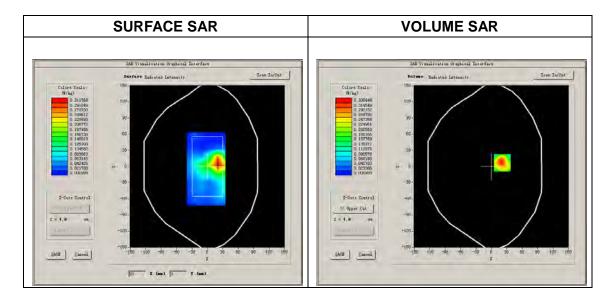
Measurement duration: 13 minutes 5 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt			
<u>Phantom</u>	Validation plane			
Device Position	<u>Body</u>			
<u>Band</u>	<u>802.11g</u>			
<u>Channels</u>	<u>High</u>			
<u>Signal</u>	<u>OFDM</u>			

B. SAR Measurement Results

Frequency (MHz)	2462.000000		
Relative permittivity (real part)	52.684727		
Conductivity (S/m)	1.966143		
Power drift (%)	-3.450000		
Ambient Temperature:	22.6°C		
Liquid Temperature:	22.7°C		
ConvF:	4.96		
Crest factor:	1:1		

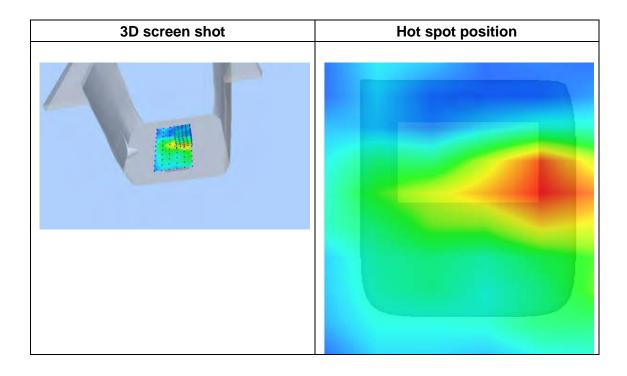




Maximum location: X=21.00, Y=7.00 SAR Peak: 0.62 W/kg

	<u> </u>			
SAR 10g (W/Kg) 0.146594				
SAR 1g (W/Kg)	0.324179			

0.00	4.00	9.00	14.00	19.00	24.00	29.00
0.6311	0.3369	0.1272	0.0670	0.0187	0.0025	0.0082
0.6-						
	\setminus					
	V					
(a) 0.4-	$\overline{}$					
	+					
₹ 0.2-	++			+		
0.1-						
0 0-			+			
	02.55.07.5	12.5 17.	5 22.5 2	27.5 32.5	40.0	
			Z (mm)			
	0.6311 0.6-1 0.5 0.4 0.3 8W 0.2 0.1 0.0-	0.6311 0.3369 0.6- 0.5- 0.5- 0.4- 89 0.4- 89 0.2- 0.1-	0.6311 0.3369 0.1272 0.6- 0.5- 0.5- 0.3- 0.3- 0.1- 0.0- 0.02.55.07.5 12.5 17.	0.6311 0.3369 0.1272 0.0670 0.6 0.5 0.4 0.3 0.1 0.1 0.0 0.1 0.0 0.0 0.1 0.0 0.0 0.1 0.0 0.0 0.1 0.0 0.	0.6311 0.3369 0.1272 0.0670 0.0187	0.6311 0.3369 0.1272 0.0670 0.0187 0.0025





MEASUREMENT 13

Type: Phone measurement (Complete)

Area Scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.08

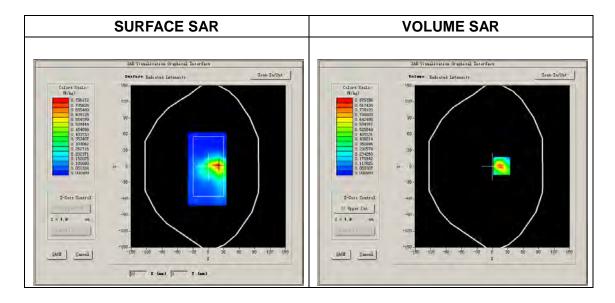
Measurement duration: 13 minutes 8 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt		
<u>Phantom</u>	Validation plane		
Device Position	<u>Body</u>		
<u>Band</u>	<u>802.11g</u>		
<u>Channels</u>	<u>High</u>		
<u>Signal</u>	<u>OFDM</u>		

B. SAR Measurement Results

Frequency (MHz)	2462.000000		
Relative permittivity (real part)	52.684727		
Conductivity (S/m)	1.966143		
Power drift (%)	-3.450000		
Ambient Temperature:	22.6°C		
Liquid Temperature:	22.7°C		
ConvF:	4.96		
Crest factor:	1:1		

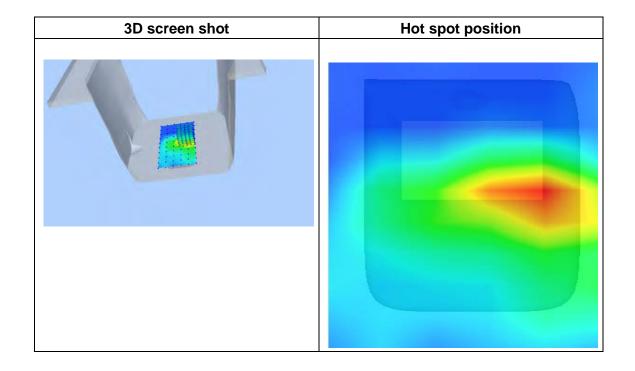




Maximum location: X=18.00, Y=1.00 SAR Peak: 1.67 W/kg

SAR 10g (W/Kg)	0.335214		
SAR 1g (W/Kg)	0.722377		

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR	1.6611	0.8758	0.3381	0.1497	0.0446	0.0239	0.0032
(W/Kg)							
	1.7- 1.4- 1.2 1.0 80.0 (%) 88 0.6 0.2						
	0. 0 - 0.	02.55.07.5	12.5 17.	5 22.5 2 Z (mm)	27.5 32.5	40.0	





MEASUREMENT 14

Type: Phone measurement (Complete)

Area Scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.08

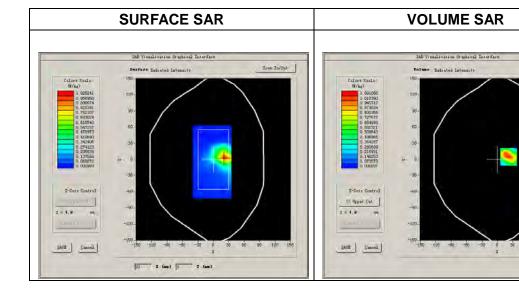
Measurement duration: 13 minutes 5 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt		
<u>Phantom</u>	Validation plane		
Device Position	<u>Body</u>		
<u>Band</u>	<u>802.11g</u>		
<u>Channels</u>	<u>High</u>		
<u>Signal</u>	<u>OFDM</u>		

B. SAR Measurement Results

Frequency (MHz)	2462.000000			
Relative permittivity (real part)	52.684727			
Conductivity (S/m)	1.966143			
Power drift (%)	-3.450000			
Ambient Temperature:	22.6°C			
Liquid Temperature:	22.7°C			
ConvF:	4.96			
Crest factor:	1:1			

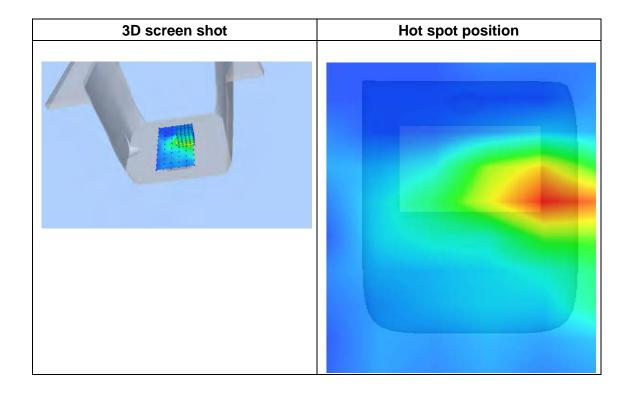




Maximum location: X=22.00, Y=5.00 SAR Peak: 2.05 W/kg

SAR 10g (W/Kg)	0.239216		
SAR 1g (W/Kg)	0.646416		

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR	1.9804	1.0911	0.4444	0.1974	0.0637	0.0182	0.0227
(W/Kg)							
	1.98- 1.75- 1.50- (%) 1.25- (%) 0.75- 0.50- 0.25- 0.00-		12.5 17	.5 22.5	27.5 32.5	40.0	
Z (mm)							





MEASUREMENT 15

Type: Phone measurement (Complete)

Area Scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.08

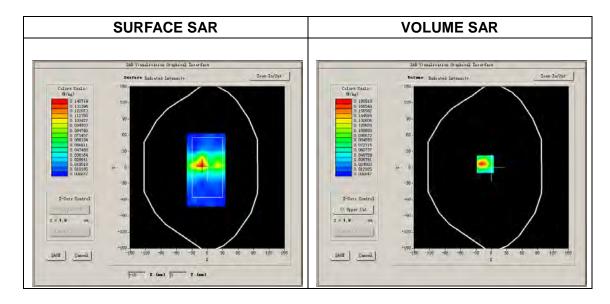
Measurement duration: 13 minutes 5 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt		
<u>Phantom</u>	Validation plane		
Device Position	<u>Body</u>		
<u>Band</u>	<u>802.11g</u>		
<u>Channels</u>	<u>High</u>		
<u>Signal</u>	<u>OFDM</u>		

B. SAR Measurement Results

Frequency (MHz)	2462.000000		
Relative permittivity (real part)	52.684727		
Conductivity (S/m)	1.966143		
Power drift (%)	-3.450000		
Ambient Temperature:	22.6°C		
Liquid Temperature:	22.7°C		
ConvF:	4.96		
Crest factor:	1:1		

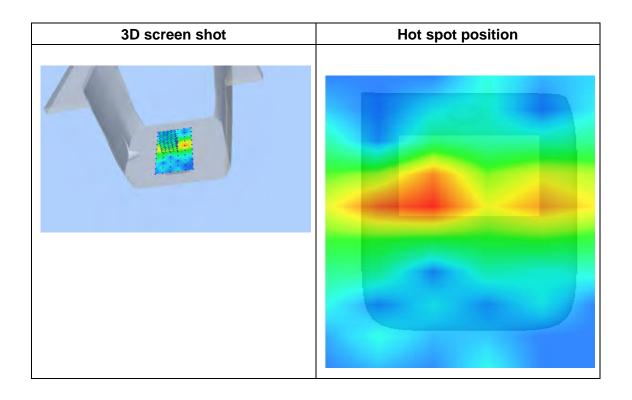




Maximum location: X=-12.00, Y=6.00 SAR Peak: 0.36 W/kg

SAR 10g (W/Kg)	0.071226		
SAR 1g (W/Kg)	0.171517		

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR	0.4099	0.1805	0.0466	0.0394	0.0259	0.0042	0.0089
(W/Kg)							
	0.41-						
	0.35-	\longrightarrow					
	0.30-	\rightarrow					
	િક્ષ 0.25- કે 0.20-	\longrightarrow					
	≷ 0.20-	\longrightarrow	+++				
	뚨 0.15-	+					
	0.10-	++					
	0.05 - 0.00 -		+++-				
		.02.55.07.5	12.5 17		27.5 32.5	40.0	
	Z (mm)						





MEASUREMENT 16

Type: Phone measurement (Complete)

Area Scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.08

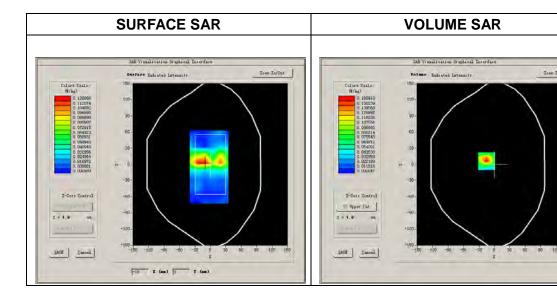
Measurement duration: 13 minutes 4 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt
<u>Phantom</u>	Validation plane
Device Position	<u>Body</u>
<u>Band</u>	<u>802.11g</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>OFDM</u>

B. SAR Measurement Results

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-3.450000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1

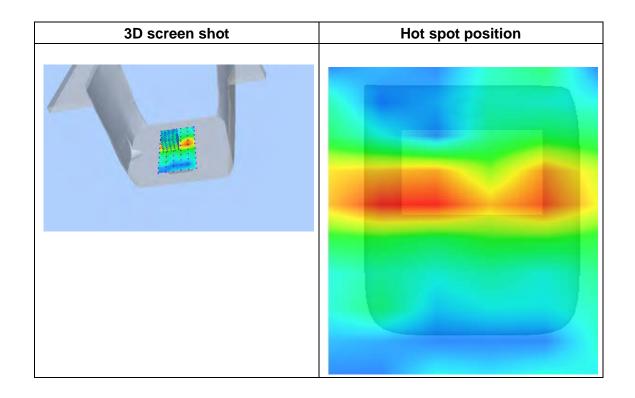




Maximum location: X=-15.00, Y=6.00 SAR Peak: 0.28 W/kg

	<u> </u>
SAR 10g (W/Kg)	0.063838
SAR 1g (W/Kg)	0.146170

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR	0.2724	0.1609	0.0713	0.0345	0.0038	0.0135	0.0060
(W/Kg)							
	0. 27 - 0. 25 -						
	0.20-	$\overline{}$					
	(%) 15- 15-	\longrightarrow	$\perp \perp \perp$				
		$ \cdot \cdot $					
	뿘 0.10-						
	0.05-		\longrightarrow				
	0.00-						
		02.55.07.5	12.5 17	.5 22.5	27.5 32.5	40.0	
Z (mm)							





MEASUREMENT 17

Type: Phone measurement (Complete)

Area Scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.08

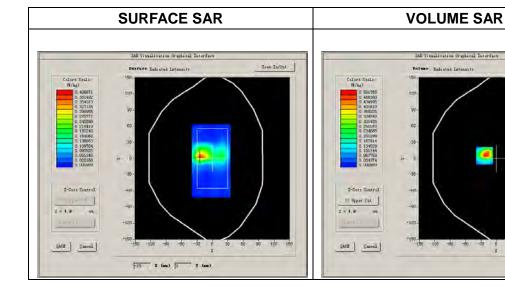
Measurement duration: 13 minutes 5 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt
<u>Phantom</u>	Validation plane
Device Position	<u>Body</u>
<u>Band</u>	<u>802.11g</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>OFDM</u>

B. SAR Measurement Results

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-3.450000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1

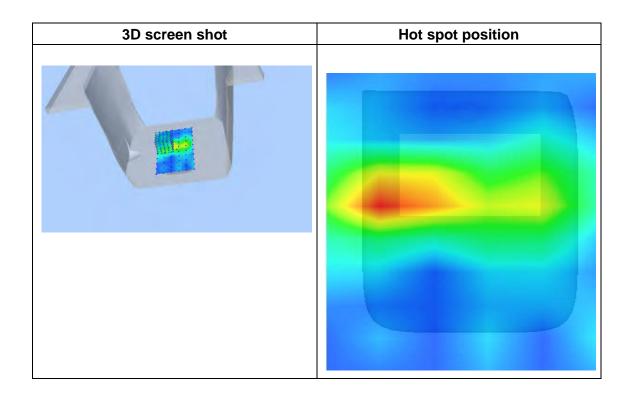




Maximum location: X=-23.00, Y=5.00 SAR Peak: 0.98 W/kg

SAR 10g (W/Kg)	0.193338
SAR 1g (W/Kg)	0.493946

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR	0.9349	0.5018	0.2031	0.0686	0.0232	0.0197	0.0099
(W/Kg)							
	SAR (W/kg) 8.0 SAR (W/kg) 2.0 0.0	02.55.07.5	12.5 17.	5 22.5 2 Z (mm)	27.5 32.5	40.0	





MEASUREMENT 18

Type: Phone measurement (Complete)

Area Scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.08

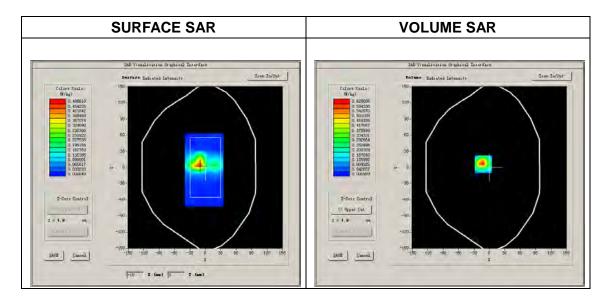
Measurement duration: 13 minutes 4 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt
<u>Phantom</u>	Validation plane
Device Position	<u>Body</u>
<u>Band</u>	<u>802.11g</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>OFDM</u>

B. SAR Measurement Results

	T
Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-3.450000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1

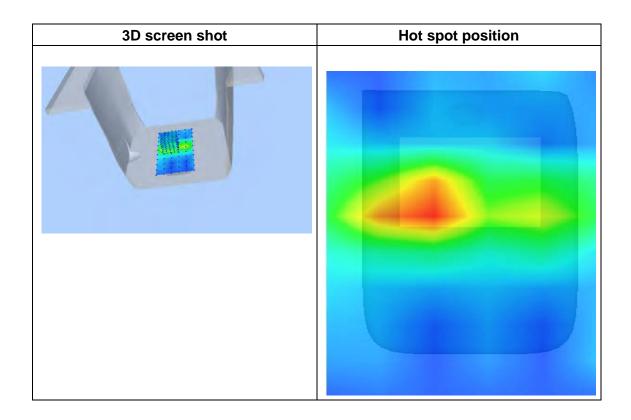




Maximum location: X=-12.00, Y=6.00

SAR 10g (W/Kg)	0.134319
SAR 1g (W/Kg)	0.393074

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR	1.0658	0.6260	0.2876	0.1220	0.0505	0.0147	0.0182
(W/Kg)							
	1.1-						
		$\overline{}$					
	0.8-	$\overline{}$					
	(\$\ (\$\/\$\cdot\) (\$\/\$\cdot\)	+					
	ι o						
	0.2-						
	0.0-			╼┾╼┾╼┶	┿┿		
	0.	02.55.07.5	12.5 17.		27.5 32.5	40.0	
Z (mm)							





MEASUREMENT 19

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.08

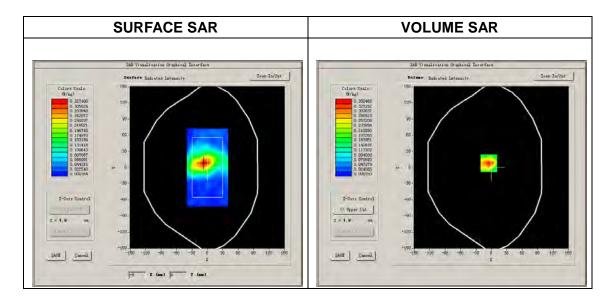
Measurement duration: 13 minutes 30 seconds

A. Experimental conditions.

Area Scan	surf_sam_plan.txt		
<u>Phantom</u>	Validation plane		
Device Position	<u>Body</u>		
<u>Band</u>	<u>802.11b</u>		
<u>Channels</u>	<u>High</u>		
<u>Signal</u>	<u>OFDM</u>		

B. SAR Measurement Results

Frequency (MHz)	2462.000000		
Relative permittivity (real part)	52.684727		
Conductivity (S/m)	1.966143		
Power drift (%)	2.770000		
Ambient Temperature:	22.0°C		
Liquid Temperature:	21.8°C		
ConvF:	4.96		
Crest factor:	1:1		

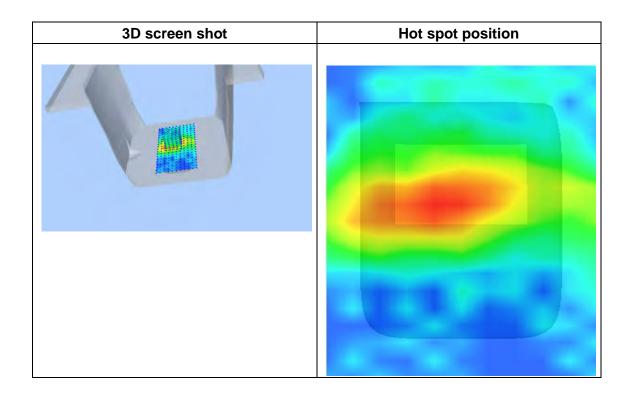




Maximum location: X=-5.00, Y=8.00 SAR Peak: 0.59 W/kg

SAR 10g (W/Kg)	0.060074		
SAR 1g (W/Kg)	0.114028		

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR	0.5741	0.3505	0.1586	0.0803	0.0228	0.0121	0.0233
(W/Kg)							
	0.6- 0.5 0.4 0.3 0.2 0.1 0.0-	02.55.07.5	12.5 17.	5 22.5 2 Z (mm)	27.5 32.5	40.0	





MEASUREMENT 20

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.07.14

Measurement duration: 13 minutes 29 seconds

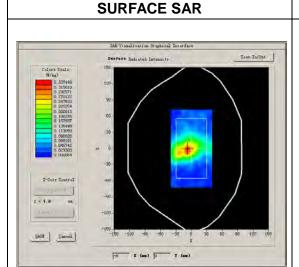
A. Experimental conditions.

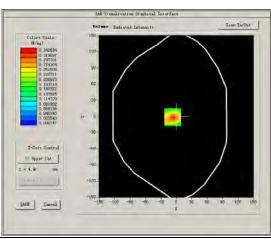
Area Scan	surf_sam_plan.txt		
<u>Phantom</u>	Validation plane		
<u>Device Position</u>	<u>Body</u>		
<u>Band</u>	<u>802.11b</u>		
<u>Channels</u>	<u>High</u>		
<u>Signal</u>	<u>DSSS</u>		

B. SAR Measurement Results

Higher Band SAR (Channel 11):

Frequency (MHz)	2462.000000		
Relative permittivity (real part)	52.684727		
Conductivity (S/m)	1.966143		
Power drift (%)	3.280000		
Ambient Temperature:	22.0°C		
Liquid Temperature:	21.8°C		
ConvF:	4.96		
Crest factor:	1:1		



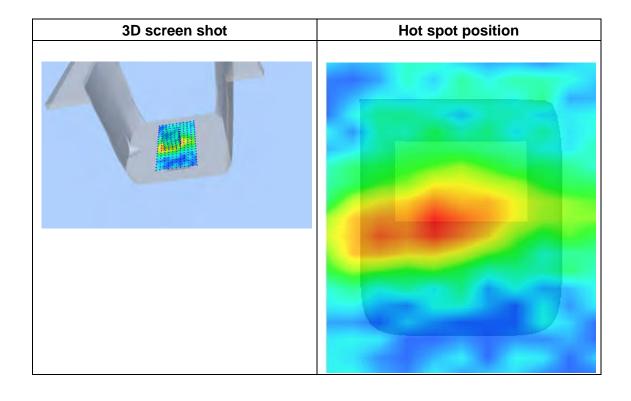


VOLUME SAR



SAR 10g (W/Kg) 0.353085			
SAR 1g (W/Kg)	0.631678		

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR	0.6360	0.3427	0.1330	0.0655	0.0152	0.0088	0.0043
(W/Kg)							
	0.6-						
	[
	0.5-	Y					
	િએ 0.4- કે 0.3-	\neg					
		+ $+$ $+$					
	₩ 0.2-	$++\lambda$					
	0.1-						
	0.0-			+			
		02.55.07.5	12.5 17.	5 22.5 2	27.5 32.5	40.0	
				Z (mm)			





MEASUREMENT 21

Type: Phone measurement (Complete)

Area Scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.08

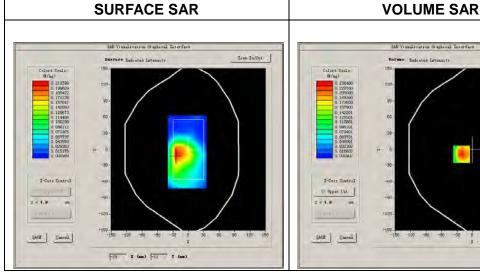
Measurement duration: 13 minutes 26 seconds

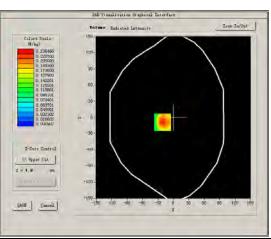
A. Experimental conditions.

Phantom File	surf_sam_plan.txt		
<u>Phantom</u>	Validation plane		
Device Position	Body		
<u>Band</u>	<u>802.11g</u>		
<u>Channels</u>	<u>High</u>		
<u>Signal</u>	<u>OFDM</u>		

B. SAR Measurement Results

Frequency (MHz)	2462.000000		
Relative permittivity (real part)	52.684727		
Conductivity (S/m)	1.966143		
Power drift (%)	-3.450000		
Ambient Temperature:	22.6°C		
Liquid Temperature:	22.7°C		
ConvF:	4.96		
Crest factor:	1:1		

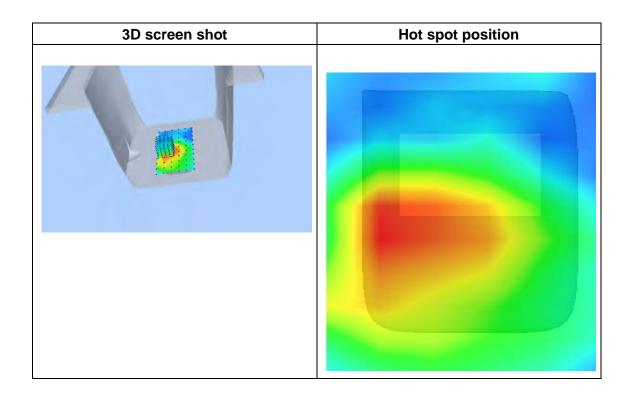






	<u> </u>
SAR 10g (W/Kg)	0.110826
SAR 1g (W/Kg)	0.230357

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR	0.4435	0.2364	0.0927	0.0383	0.0232	0.0049	0.0132
(W/Kg)							
	0.4- 0.4- 0.3- 0.0- 0.1- 0.0-	02.55.07.5	12.5 17.	5 22.5 2 Z (mm)	27.5 32.5	40.0	





MEASUREMENT 22

Type: Phone measurement (Complete)

Area Scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.08

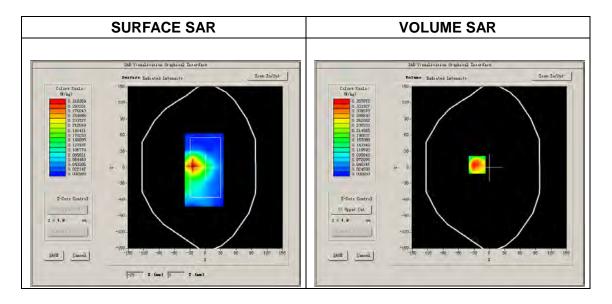
Measurement duration: 13 minutes 5 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt
<u>Phantom</u>	Validation plane
Device Position	<u>Body</u>
<u>Band</u>	<u>802.11g</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>OFDM</u>

B. SAR Measurement Results

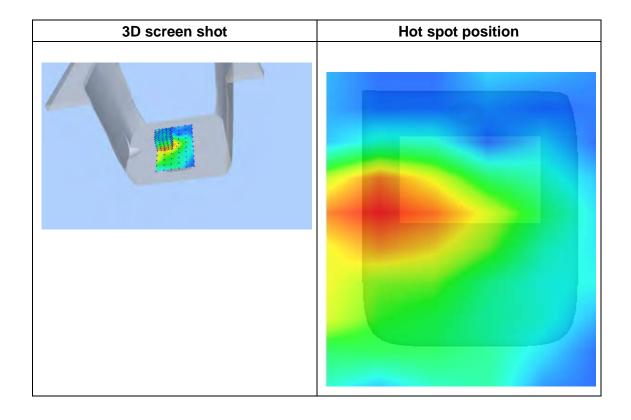
Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	3.450000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1





SAR 10g (W/Kg)	0.161309
SAR 1g (W/Kg)	0.348890

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR	0.7005	0.3571	0.1238	0.0506	0.0169	0.0013	0.0111
(W/Kg)							
	0.7-						
	0.6-	\longrightarrow					
	0.5-	\perp					
		$\Lambda \sqcup \Box$					
	≥						
	W 0.3-						
	0.2-	++					
	0.1-		+				
	0.0-			╼┾╼┼╌┸			
		02.55.07.5	12.5 17.	5 22.5 2	27.5 32.5	40.0	
Z (mm)							





MEASUREMENT 23

Type: Phone measurement (Complete)

Area Scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.08

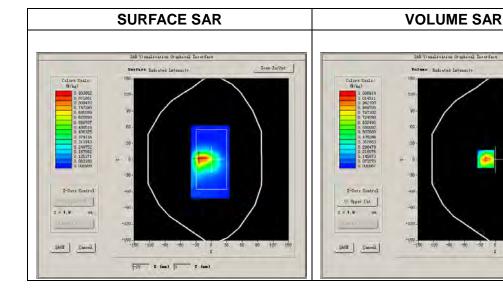
Measurement duration: 13 minutes 4 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt
<u>Phantom</u>	Validation plane
Device Position	<u>Body</u>
<u>Band</u>	<u>802.11g</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>OFDM</u>

B. SAR Measurement Results

Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	2.450000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1



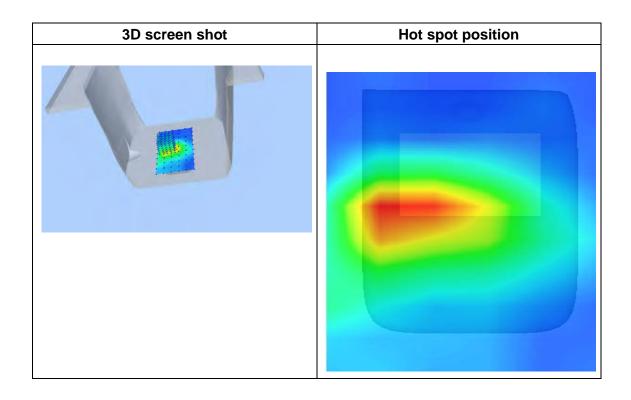


Maximum location: X=-19.00, Y=1.00

SAR	Peak:	1.97	W/kg
-----	-------	------	------

SAR 10g (W/Kg)	0.430306
SAR 1g (W/Kg)	0.703357

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR	2.0027	1.0869	0.4321	0.1813	0.0524	0.0137	0.0140
(W/Kg)							
	2.00-						
	1.75-	+++	+++				
	1.50-	+++	+++				
	ું 1.25-	\longrightarrow	+++				
	િએ 1.25- ≷ 1.00-	+	+++				
	뚫 0.75-	+ + + + + + + + + + + + + + + + + + +	+++				
	0.50-	\longrightarrow	+++				
	0.25-						
	0.00-			┡ ╍╇╼╇	- -		
	0	.02.55.07.5	12.5 17		27.5 32.5	40.0	
				Z (mm)			





MEASUREMENT 24

Type: Phone measurement (Complete)

Area Scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.08

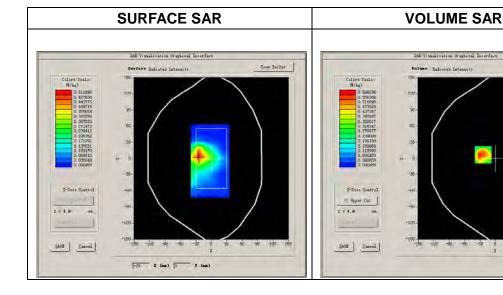
Measurement duration: 13 minutes 4 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt
<u>Phantom</u>	Validation plane
Device Position	<u>Body</u>
<u>Band</u>	<u>802.11g</u>
<u>Channels</u>	<u>High</u>
<u>Signal</u>	<u>OFDM</u>

B. SAR Measurement Results

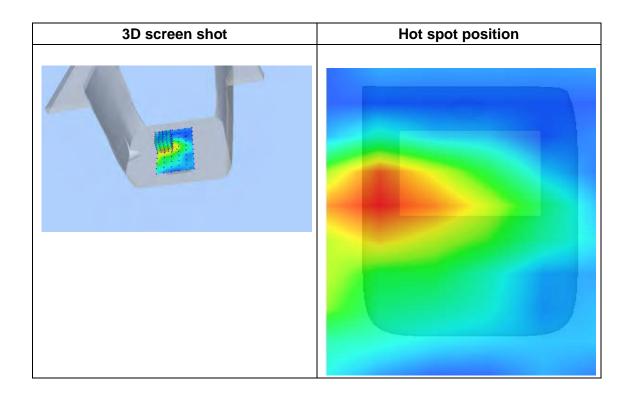
Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-1.250000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1





	- 3
SAR 10g (W/Kg)	0.254265
SAR 1g (W/Kg)	0.578764

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR	1.0976	0.5960	0.2357	0.1104	0.0264	0.0195	0.0100
(W/Kg)							
	1.1- 1.0 0.8 (%//%) 0.6 0.4 0.0- 0.0-	02.55.07.5	12.5 17.	5 22.5 2 Z (mm)	27.5 32.5	40.0	





MEASUREMENT 25

Type: Phone measurement (Complete)

Area Scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.08

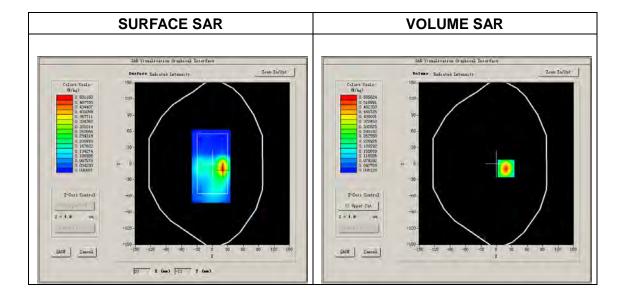
Measurement duration: 13 minutes 4 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt	
<u>Phantom</u>	Validation plane	
Device Position	<u>Body</u>	
<u>Band</u>	<u>802.11g</u>	
<u>Channels</u>	<u>High</u>	
<u>Signal</u>	<u>OFDM</u>	

B. SAR Measurement Results

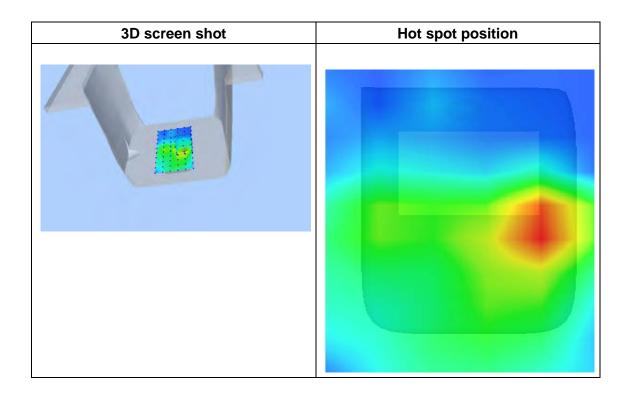
Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-2.466000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1





SAR 10g (W/Kg)	0.212265
SAR 1g (W/Kg)	0.566964

Z (mm)	0.00	4.00	9.00	14.00	19.00	0.00	4.00
SAR	0.9612	0.5556	0.2621	0.1187	0.0546	0.9612	0.5556
(W/Kg)							
	1.0-						
	0.8-	$\downarrow \downarrow \downarrow \downarrow$					
		$\mathbf{N} \sqcup$					
	-8.0 (% (%/kg)	+					
	¥ 0.4-		$\setminus \mid \mid \mid$				
	0.2-						
	0.0-				<u> </u>		
	ó	2 4 6	8 10 12		0 22 24 26	28 30	
	Z (mm)						





MEASUREMENT 26

Type: Phone measurement (Complete)

Area Scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.08

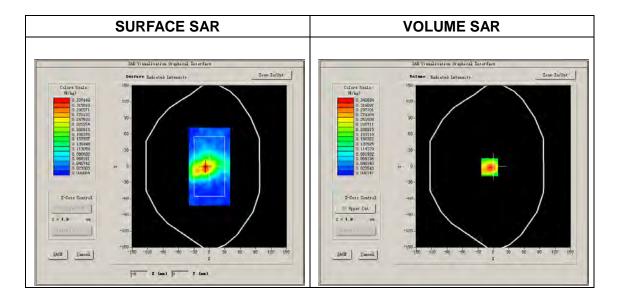
Measurement duration: 13 minutes 4 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt	
<u>Phantom</u>	Validation plane	
Device Position	<u>Body</u>	
<u>Band</u>	<u>802.11g</u>	
<u>Channels</u>	<u>High</u>	
<u>Signal</u>	<u>OFDM</u>	

B. SAR Measurement Results

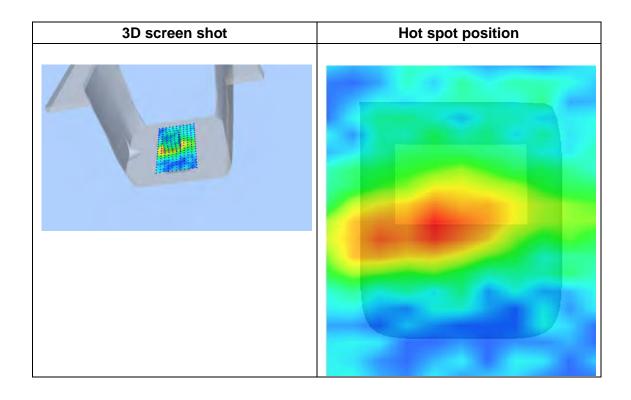
Frequency (MHz)	2462.000000	
Relative permittivity (real part)	52.684727	
Conductivity (S/m)	1.966143	
Power drift (%)	-1.112000	
Ambient Temperature:	22.6°C	
Liquid Temperature:	22.7°C	
ConvF:	4.96	
Crest factor:	1:1	





SAR 10g (W/Kg)	0.112265
SAR 1g (W/Kg)	0.290164

0.00	4.00	9.00	14.00	19.00	0.00	4.00
0.9612	0.5556	0.2621	0.1187	0.0546	0.9612	0.5556
0.6-						
0.5-						
ું 0.4-	+		+++			
	+					
₩ _{0.2} -	$+\!+\!$					
0.1-		+				
0.0-				- -	1	
0.02.55.07.5 12.5 17.5 22.5 27.5 32.5 40.0 Z (mm)						
	0.9612 0.6	0.9612 0.5556 0.6 0.5 0.5 0.4 0.3 0.3 0.2 0.1	0.9612 0.5556 0.2621 0.6 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0.9612 0.5556 0.2621 0.1187 0.6 0.5 0.5 0.7 0.7 0.0 0.0 0.0 0.0	0.9612 0.5556 0.2621 0.1187 0.0546	0.9612 0.5556 0.2621 0.1187 0.0546 0.9612 0.6- 0.5- 0.5- 0.0- 0.02.55.07.5 12.5 17.5 22.5 27.5 32.5 40.0





MEASUREMENT 27

Type: Phone measurement (Complete)

Area Scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.08

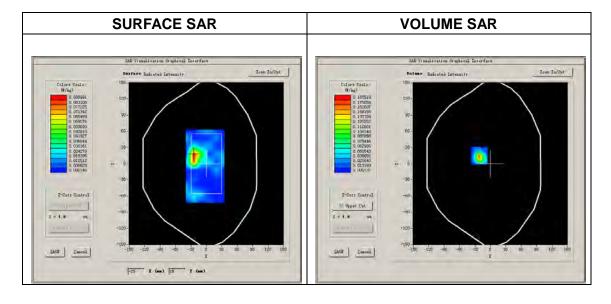
Measurement duration: 13 minutes 4 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt	
<u>Phantom</u>	Validation plane	
Device Position	<u>Body</u>	
<u>Band</u>	<u>802.11g</u>	
<u>Channels</u>	<u>High</u>	
<u>Signal</u>	<u>OFDM</u>	

B. SAR Measurement Results

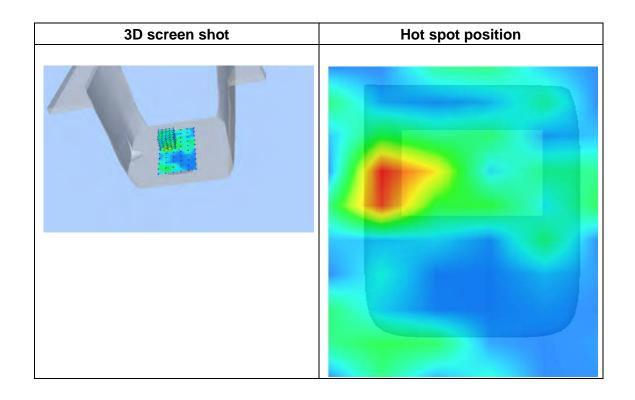
Frequency (MHz)	2462.000000	
Relative permittivity (real part)	52.684727	
Conductivity (S/m)	1.966143	
Power drift (%)	0.232000	
Ambient Temperature:	22.6°C	
Liquid Temperature:	22.7°C	
ConvF:	4.96	
Crest factor:	1:1	





	<u> </u>
SAR 10g (W/Kg)	0.047160
SAR 1g (W/Kg)	0.180297

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR	0.4820	0.1875	0.0202	0.0069	0.0009	0.0061	0.0072
(W/Kg)							
	0.5-						
	0.4-	ackslash					
		$\lambda + 1$					
	₩ 0.3-	1					
	SAR (#/kg) -2.0 (#/	$\perp \! \! \perp \! \! \perp$					
	. S	-1×1					
	0.1-	++					
	0.0-		┿┿┷		444		
		02.55.07.5	12.5 17.		27.5 32.5	40.0	
	Z (mm)						





MEASUREMENT 28

Type: Phone measurement (Complete)

Area Scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.08

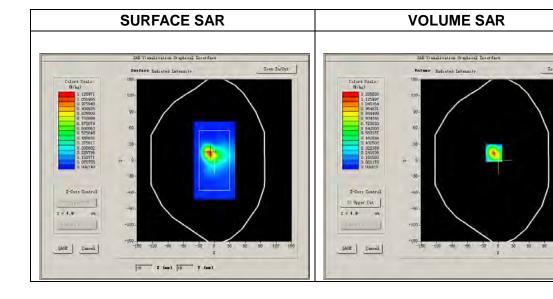
Measurement duration: 13 minutes 4 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt	
<u>Phantom</u>	Validation plane	
Device Position	<u>Body</u>	
<u>Band</u>	<u>802.11g</u>	
<u>Channels</u>	<u>High</u>	
<u>Signal</u>	<u>OFDM</u>	

B. SAR Measurement Results

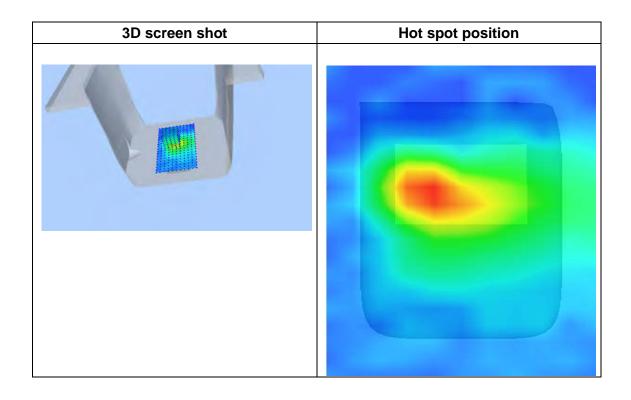
Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	2.100000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1





SAR 10g (W/Kg)	0.108188
SAR 1g (W/Kg)	0.213275

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR	0.4820	0.1875	0.0202	0.0069	0.0009	0.0061	0.0072
(W/Kg)							
	0.6-						
	0.5-	$\overline{}$					
	0.4-	\longrightarrow	++++	\perp	$\perp \perp \perp$		
	(% 1/¥ (%) (%) (%) (%)						
	₩ 0.2-	++					
	0.1-						
	0.0-			+ $+$ $+$	┿┿		
	0.02.55.07.5 12.5 17.5 22.5 27.5 32.5 40.0						
	Z (mm)						





MEASUREMENT 28

Type: Phone measurement (Complete)

Area Scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.08

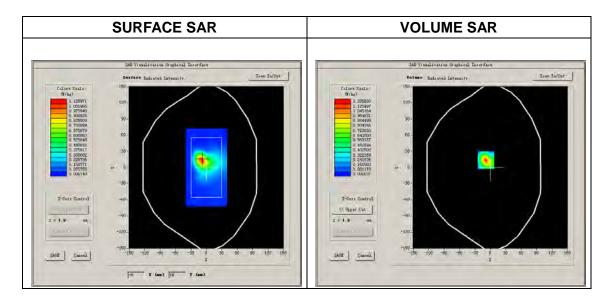
Measurement duration: 13 minutes 4 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt	
<u>Phantom</u>	Validation plane	
Device Position	<u>Body</u>	
<u>Band</u>	<u>802.11g</u>	
<u>Channels</u>	<u>High</u>	
<u>Signal</u>	<u>OFDM</u>	

B. SAR Measurement Results

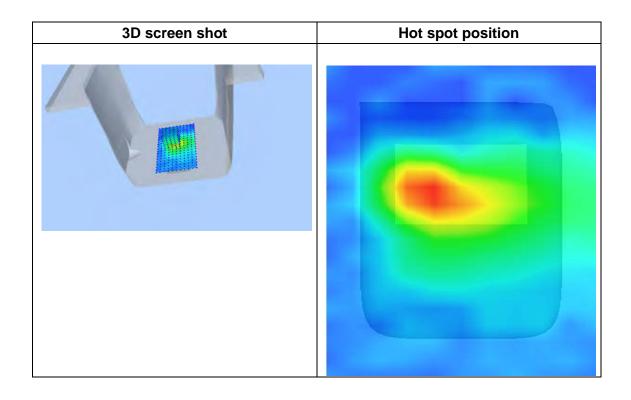
Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-1.020000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1





SAR 10g (W/Kg)	0.108188
SAR 1g (W/Kg)	0.213275

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR	0.4820	0.1875	0.0202	0.0069	0.0009	0.0061	0.0072
(W/Kg)							
	0.6-						
	0.5-	$\overline{}$					
	0.4-	\longrightarrow	++++	\perp	$\perp \perp \perp$		
	(% 1/¥ (%) (%) (%) (%)						
	₩ 0.2-	++					
	0.1-						
	0.0-			+ $+$ $+$	┿┿		
	0.02.55.07.5 12.5 17.5 22.5 27.5 32.5 40.0						
	Z (mm)						





MEASUREMENT 29

Type: Phone measurement (Complete)

Area Scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.08

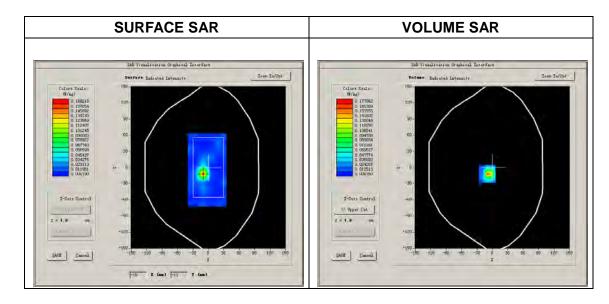
Measurement duration: 13 minutes 4 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt	
<u>Phantom</u>	Validation plane	
Device Position	<u>Body</u>	
<u>Band</u>	<u>802.11g</u>	
<u>Channels</u>	<u>High</u>	
<u>Signal</u>	<u>OFDM</u>	

B. SAR Measurement Results

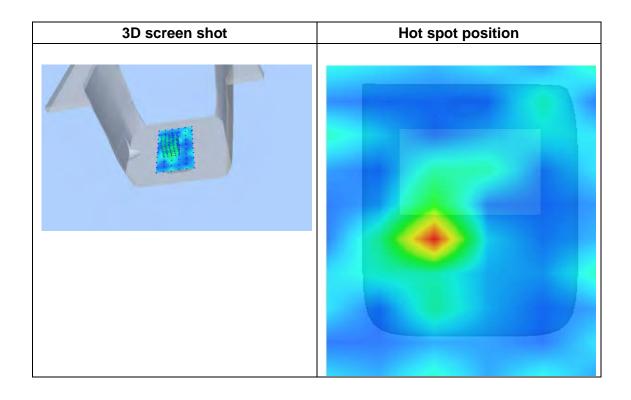
Frequency (MHz)	2462.000000
Relative permittivity (real part)	52.684727
Conductivity (S/m)	1.966143
Power drift (%)	-1.020000
Ambient Temperature:	22.6°C
Liquid Temperature:	22.7°C
ConvF:	4.96
Crest factor:	1:1





SAR 10g (W/Kg)	0.038188
SAR 1g (W/Kg)	0.095275

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR	0.4436	0.1771	0.0151	0.0190	0.0009	0.0009	0.0184
(W/Kg)							
	SAR (%/kg) 0.4- 0.0- 0.1- 0.0-	02.55.07.5	12.5 17.	5 22.5 2 Z (mm)	27.5 32.5	40.0	





MEASUREMENT 30

Type: Phone measurement (Complete)

Area Scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 2017.08.08

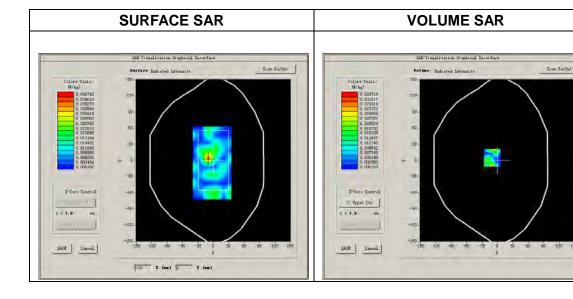
Measurement duration: 13 minutes 4 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt		
<u>Phantom</u>	Validation plane		
Device Position	Body		
<u>Band</u>	<u>802.11g</u>		
<u>Channels</u>	<u>High</u>		
<u>Signal</u>	<u>OFDM</u>		

B. SAR Measurement Results

Frequency (MHz)	2462.000000		
Relative permittivity (real part)	52.684727		
Conductivity (S/m)	1.966143		
Power drift (%)	-3.332000		
Ambient Temperature:	22.6°C		
Liquid Temperature:	22.7°C		
ConvF:	4.96		
Crest factor:	1:1		





SAR 10g (W/Kg)	0.026647
SAR 1g (W/Kg)	0.088144

Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR	0.1276	0.0337	0.0009	0.0009	0.0209	0.0174	0.0070
(W/Kg)							
	0.13-						
	0.10-						
	(%) 0.08- - 0.06-	++					
		\longrightarrow	$\perp \perp \perp$				
	¥. 0.04-	+					
	0.02-	\chi					
	0.00 - 0	.02.55.07.5	12.5 17	.5 22.5	27.5 32.5	40.0	
Z (mm)							

